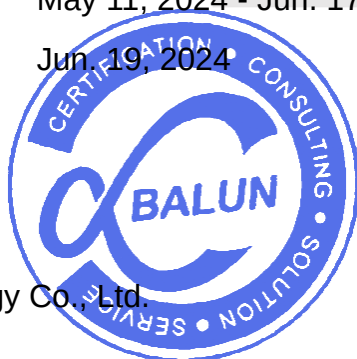


TEST REPORT

Applicant: MEIZU TECHNOLOGY CO., LTD.
Address: MEIZU Tech Bldg, Technology & Innovation Coast,
Zhuhai, 519085, Guangdong, China
Equipment Type: Mobile Phone
Model Name: M411H
Brand Name: MEIZU
FCC ID: 2ANQ6-M411H
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Apr. 25, 2024
Test Date: May 11, 2024 - Jun. 17, 2024
Date of Issue: Jun. 19, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 19, 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	MEIZU TECHNOLOGY CO., LTD.
Address	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China

2.2 Manufacturer Information

Manufacturer	MEIZU TECHNOLOGY CO., LTD.
Address	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	M411H
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0
Software Version	Android 14
Dimensions (Approx.)	167.8*77.4*9.1mm
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, FM Receiver
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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: 16.14 mW U-NII-2A: 15.85 mW U-NII-2C: 16.90 mW U-NII-3: 15.92 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	LDS Antenna
Antenna Gain	-3.0 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	49% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.3℃ to +25.6℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+35.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.45 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2023.07.25	2024.07.24
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 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℃
Humidity	4%

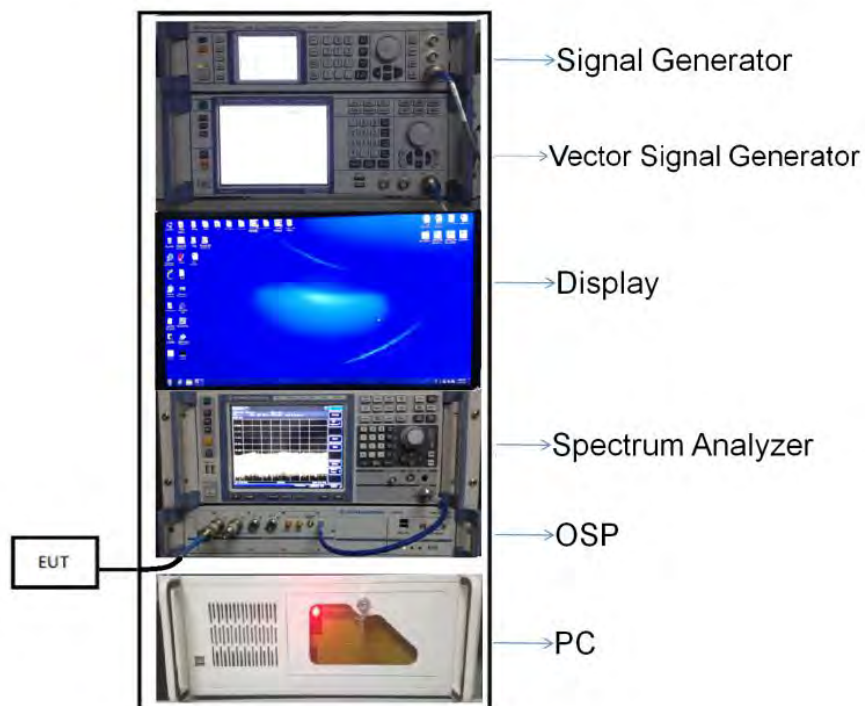
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

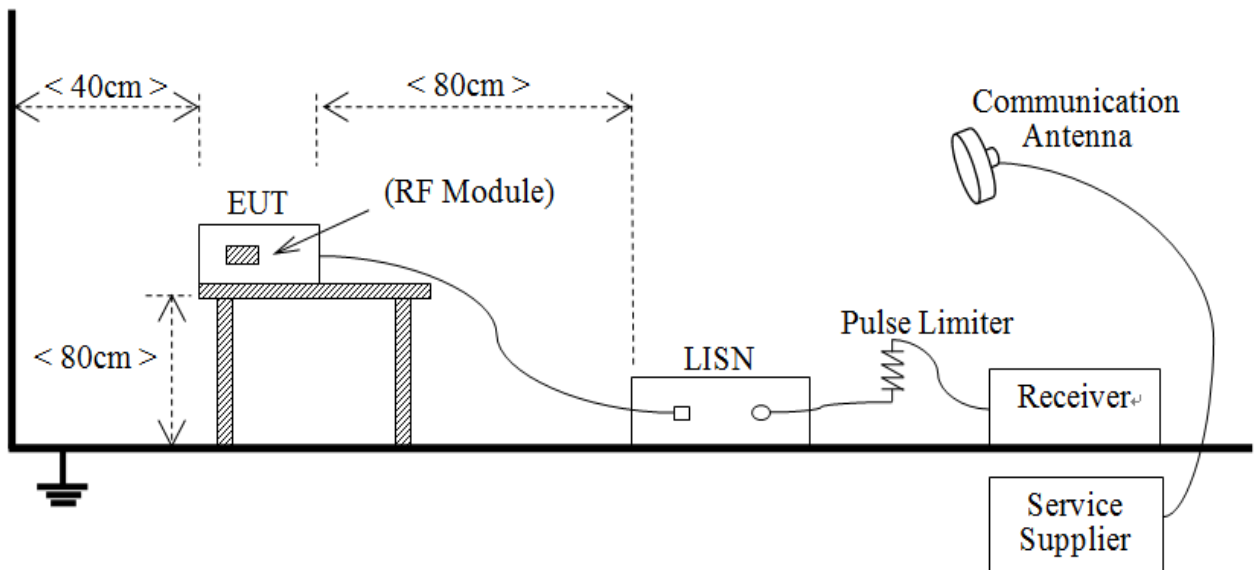
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



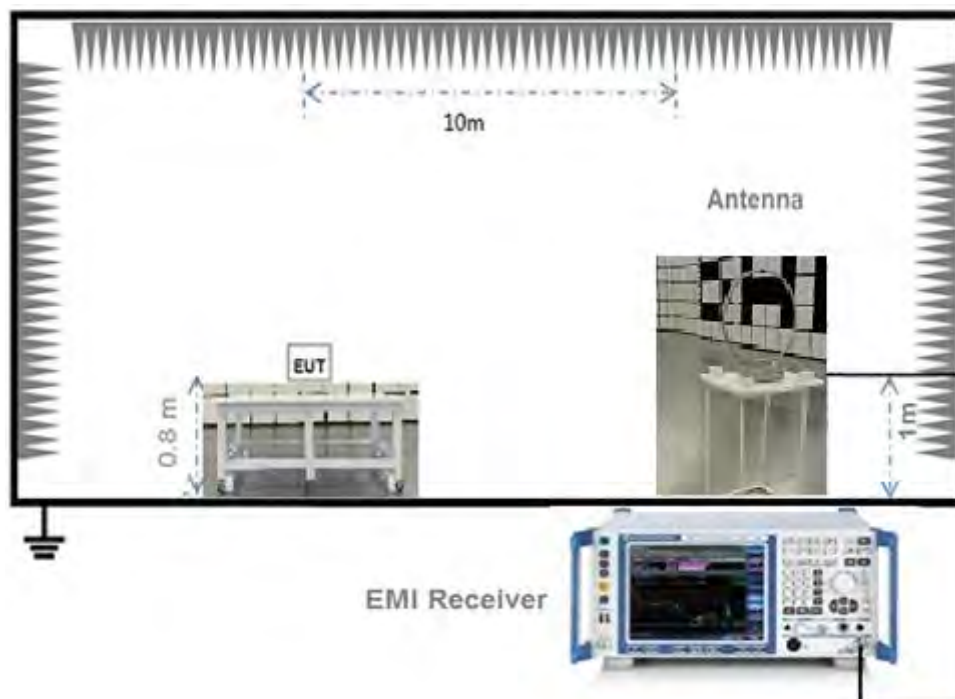
(Diagram 1)

4.5.2 For AC Power Supply Port Test



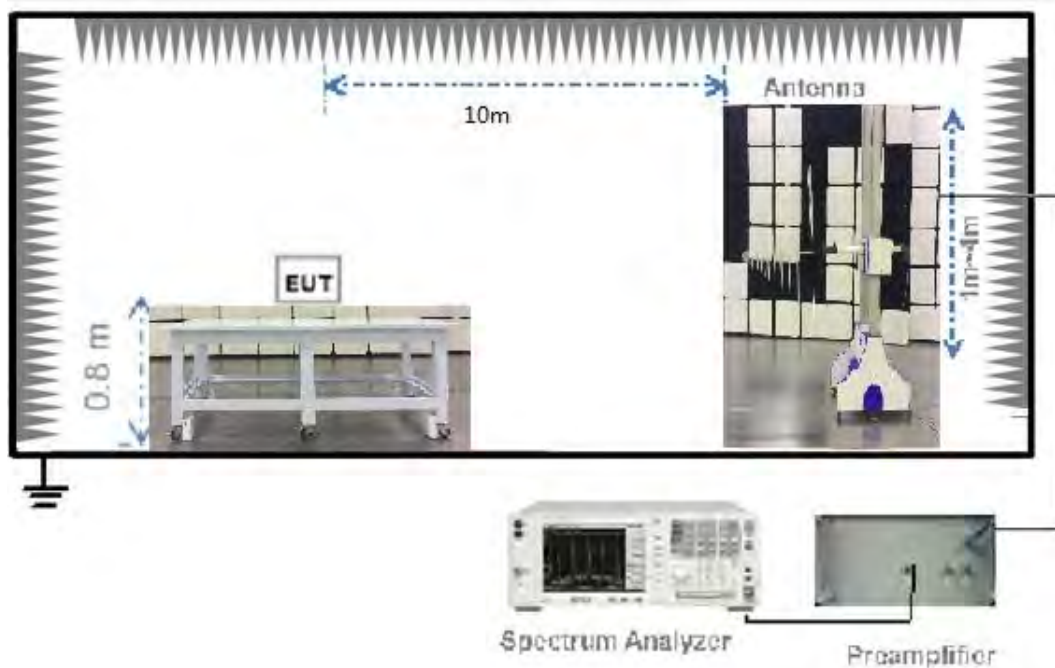
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



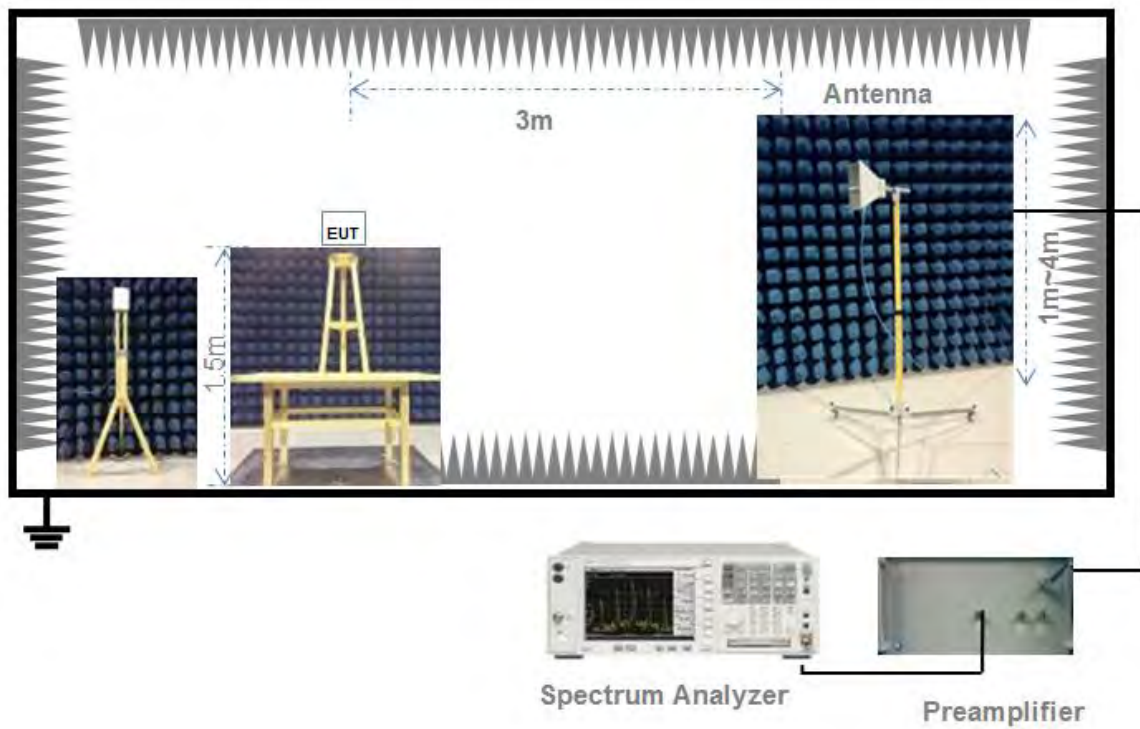
(Diagram 3)

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.

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

- 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).
- 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).
- 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).
- 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: 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	1.56	88.86%	0.51
11n (HT20)/11ac (VHT20)	1.18	1.34	88.40%	0.54
11n (HT40)/11ac (VHT40)	0.59	0.74	79.37%	1.00
11ac (VHT80)	0.29	0.44	66.92%	1.74

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.22	13.24	250	Pass
11a	CH44	11.18	13.12	250	Pass
11a	CH48	11.57	14.35	250	Pass
11n (HT20)	CH36	10.23	10.54	250	Pass
11n (HT20)	CH44	10.10	10.23	250	Pass
11n (HT20)	CH48	10.74	11.86	250	Pass
11n (HT40)	CH38	10.03	10.07	250	Pass
11n (HT40)	CH46	10.86	12.19	250	Pass
11ac (VHT20)	CH36	9.58	9.08	250	Pass
11ac (VHT20)	CH44	9.19	8.30	250	Pass
11ac (VHT20)	CH48	9.71	9.35	250	Pass
11ac (VHT40)	CH38	9.25	8.41	250	Pass
11ac (VHT40)	CH46	9.81	9.57	250	Pass
11ac (VHT80)	CH42	9.65	9.23	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	11.24	13.30	250	Pass
11a	CH60	11.49	14.09	250	Pass
11a	CH64	11.17	13.09	250	Pass
11n (HT20)	CH52	10.19	10.45	250	Pass
11n (HT20)	CH60	10.61	11.51	250	Pass
11n (HT20)	CH64	10.34	10.81	250	Pass
11n (HT40)	CH54	10.10	10.23	250	Pass
11n (HT40)	CH62	10.14	10.33	250	Pass
11ac (VHT20)	CH52	9.33	8.57	250	Pass
11ac (VHT20)	CH60	9.73	9.40	250	Pass
11ac (VHT20)	CH64	9.42	8.75	250	Pass
11ac (VHT40)	CH54	9.14	8.20	250	Pass
11ac (VHT40)	CH62	9.63	9.18	250	Pass
11ac (VHT80)	CH58	9.12	8.17	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	11.04	12.71	250	Pass
11a	CH116	11.77	15.03	250	Pass
11a	CH140	11.40	13.80	250	Pass
11n (HT20)	CH100	10.00	10.00	250	Pass
11n (HT20)	CH116	10.65	11.61	250	Pass
11n (HT20)	CH140	10.38	10.91	250	Pass
11n (HT40)	CH102	10.09	10.21	250	Pass
11n (HT40)	CH118	10.43	11.04	250	Pass
11n (HT40)	CH134	10.10	10.23	250	Pass
11ac (VHT20)	CH100	9.08	8.09	250	Pass
11ac (VHT20)	CH116	9.77	9.48	250	Pass
11ac (VHT20)	CH140	9.48	8.87	250	Pass
11ac (VHT40)	CH102	9.16	8.24	250	Pass
11ac (VHT40)	CH118	9.61	9.14	250	Pass
11ac (VHT40)	CH134	9.10	8.13	250	Pass
11ac (VHT80)	CH106	9.43	8.77	250	Pass
11ac (VHT80)	CH122	9.53	8.97	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.51	14.16	1000	Pass
11a	CH157	11.03	12.68	1000	Pass
11a	CH165	11.21	13.21	1000	Pass
11n (HT20)	CH149	10.31	10.74	1000	Pass
11n (HT20)	CH157	10.96	12.47	1000	Pass
11n (HT20)	CH165	10.09	10.21	1000	Pass
11n (HT40)	CH151	10.18	10.42	1000	Pass
11n (HT40)	CH159	10.87	12.22	1000	Pass
11ac (VHT20)	CH149	9.42	8.75	1000	Pass
11ac (VHT20)	CH157	9.87	9.71	1000	Pass
11ac (VHT20)	CH165	9.15	8.22	1000	Pass
11ac (VHT40)	CH151	9.21	8.34	1000	Pass
11ac (VHT40)	CH159	9.80	9.55	1000	Pass
11ac (VHT80)	CH155	9.19	8.30	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2441239-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.85	16.65
11a	CH44	25.76	16.67
11a	CH48	25.31	16.67
11n (HT20)	CH36	29.75	17.76
11n (HT20)	CH44	29.26	17.78
11n (HT20)	CH48	27.62	17.74
11n (HT40)	CH38	63.20	36.51
11n (HT40)	CH46	50.93	36.24
11ac (VHT20)	CH36	27.18	17.70
11ac (VHT20)	CH44	31.15	17.69
11ac (VHT20)	CH48	29.46	17.70
11ac (VHT40)	CH38	61.36	36.50
11ac (VHT40)	CH46	61.16	36.48
11ac (VHT80)	CH42	84.28	75.41

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	26.26	16.66
11a	CH60	26.94	16.68
11a	CH64	25.40	16.67
11n (HT20)	CH52	27.84	17.74
11n (HT20)	CH60	28.03	17.72
11n (HT20)	CH64	28.09	17.73
11n (HT40)	CH54	49.52	36.23
11n (HT40)	CH62	49.27	36.23
11ac (VHT20)	CH52	29.49	17.71
11ac (VHT20)	CH60	32.23	17.71
11ac (VHT20)	CH64	31.81	17.70
11ac (VHT40)	CH54	60.91	36.47
11ac (VHT40)	CH62	54.44	36.48
11ac (VHT80)	CH58	93.37	75.56

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	25.46	16.63
11a	CH116	25.45	16.64
11a	CH140	26.29	16.65
11n (HT20)	CH100	27.50	17.75
11n (HT20)	CH116	27.84	17.76
11n (HT20)	CH140	28.55	17.78
11n (HT40)	CH102	56.83	36.49
11n (HT40)	CH118	56.66	36.50
11n (HT40)	CH134	54.82	36.51
11ac (VHT20)	CH100	28.05	17.69
11ac (VHT20)	CH116	29.28	17.69
11ac (VHT20)	CH140	31.38	17.69
11ac (VHT40)	CH102	55.27	36.41
11ac (VHT40)	CH118	54.72	36.41
11ac (VHT40)	CH134	54.35	36.45
11ac (VHT80)	CH106	83.13	75.46
11ac (VHT80)	CH122	85.12	75.48

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.78	16.67
11a	CH157	25.45	16.68
11a	CH165	26.86	16.66
11n (HT20)	CH149	28.25	17.77
11n (HT20)	CH157	29.35	17.77
11n (HT20)	CH165	28.53	17.77
11n (HT40)	CH151	53.68	36.48
11n (HT40)	CH159	57.24	36.45
11ac (VHT20)	CH149	29.62	17.70
11ac (VHT20)	CH157	28.52	17.69
11ac (VHT20)	CH165	29.74	17.68
11ac (VHT40)	CH151	54.43	36.43
11ac (VHT40)	CH159	54.44	36.44
11ac (VHT80)	CH155	86.35	75.43

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2441239-604 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	17.80	500.00	Pass
11n (HT20)	CH157	17.60	500.00	Pass
11n (HT20)	CH165	17.50	500.00	Pass
11n (HT40)	CH151	36.60	500.00	Pass
11n (HT40)	CH159	36.50	500.00	Pass
11ac (VHT20)	CH149	17.80	500.00	Pass
11ac (VHT20)	CH157	17.70	500.00	Pass
11ac (VHT20)	CH165	17.40	500.00	Pass
11ac (VHT40)	CH151	36.60	500.00	Pass
11ac (VHT40)	CH159	36.60	500.00	Pass
11ac (VHT80)	CH155	76.00	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2441239-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-0.21	11.00	Pass
11a	CH44	-0.10	11.00	Pass
11a	CH48	0.24	11.00	Pass
11n (HT20)	CH36	-1.44	11.00	Pass
11n (HT20)	CH44	-1.64	11.00	Pass
11n (HT20)	CH48	-0.99	11.00	Pass
11n (HT40)	CH38	-4.65	11.00	Pass
11n (HT40)	CH46	-3.68	11.00	Pass
11ac (VHT20)	CH36	-2.14	11.00	Pass
11ac (VHT20)	CH44	-2.57	11.00	Pass
11ac (VHT20)	CH48	-1.97	11.00	Pass
11ac (VHT40)	CH38	-5.07	11.00	Pass
11ac (VHT40)	CH46	-4.46	11.00	Pass
11ac (VHT80)	CH42	-8.07	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-0.07	11.00	Pass
11a	CH60	-0.08	11.00	Pass
11a	CH64	-0.25	11.00	Pass
11n (HT20)	CH52	-1.46	11.00	Pass
11n (HT20)	CH60	-1.10	11.00	Pass
11n (HT20)	CH64	-1.37	11.00	Pass
11n (HT40)	CH54	-4.14	11.00	Pass
11n (HT40)	CH62	-4.16	11.00	Pass
11ac (VHT20)	CH52	-2.34	11.00	Pass
11ac (VHT20)	CH60	-1.69	11.00	Pass
11ac (VHT20)	CH64	-2.06	11.00	Pass
11ac (VHT40)	CH54	-5.17	11.00	Pass
11ac (VHT40)	CH62	-4.51	11.00	Pass
11ac (VHT80)	CH58	-8.22	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-0.27	11.00	Pass
11a	CH116	0.51	11.00	Pass
11a	CH140	0.04	11.00	Pass
11n (HT20)	CH100	-1.47	11.00	Pass
11n (HT20)	CH116	-0.77	11.00	Pass
11n (HT20)	CH140	-1.24	11.00	Pass
11n (HT40)	CH102	-3.91	11.00	Pass
11n (HT40)	CH118	-3.81	11.00	Pass
11n (HT40)	CH134	-4.40	11.00	Pass
11ac (VHT20)	CH100	-2.32	11.00	Pass
11ac (VHT20)	CH116	-1.69	11.00	Pass
11ac (VHT20)	CH140	-2.13	11.00	Pass
11ac (VHT40)	CH102	-4.75	11.00	Pass
11ac (VHT40)	CH118	-4.76	11.00	Pass
11ac (VHT40)	CH134	-5.16	11.00	Pass
11ac (VHT80)	CH106	-7.68	11.00	Pass
11ac (VHT80)	CH122	-7.94	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.63	30.00	Pass
11a	CH157	-3.12	30.00	Pass
11a	CH165	-3.09	30.00	Pass
11n (HT20)	CH149	-3.89	30.00	Pass
11n (HT20)	CH157	-3.62	30.00	Pass
11n (HT20)	CH165	-4.27	30.00	Pass
11n (HT40)	CH151	-6.81	30.00	Pass
11n (HT40)	CH159	-6.24	30.00	Pass
11ac (VHT20)	CH149	-4.80	30.00	Pass
11ac (VHT20)	CH157	-4.60	30.00	Pass
11ac (VHT20)	CH165	-5.30	30.00	Pass
11ac (VHT40)	CH151	-7.71	30.00	Pass
11ac (VHT40)	CH159	-7.44	30.00	Pass
11ac (VHT80)	CH155	-10.96	30.00	Pass

A.5 Conducted Emissions

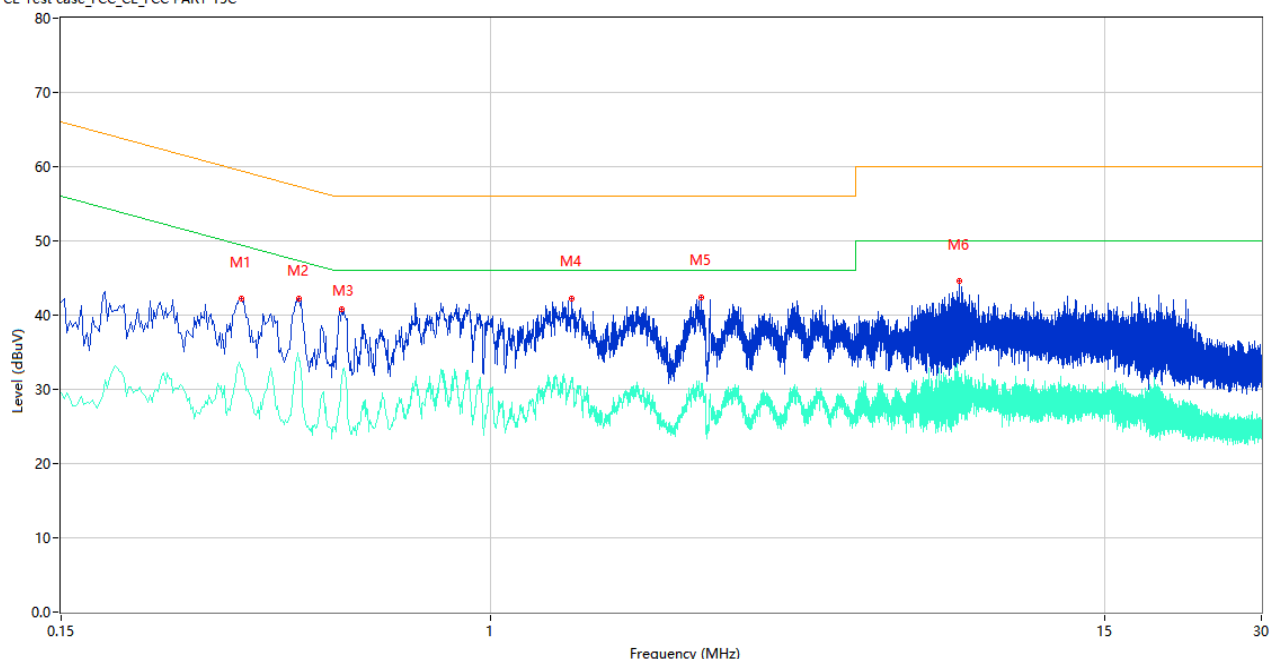
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

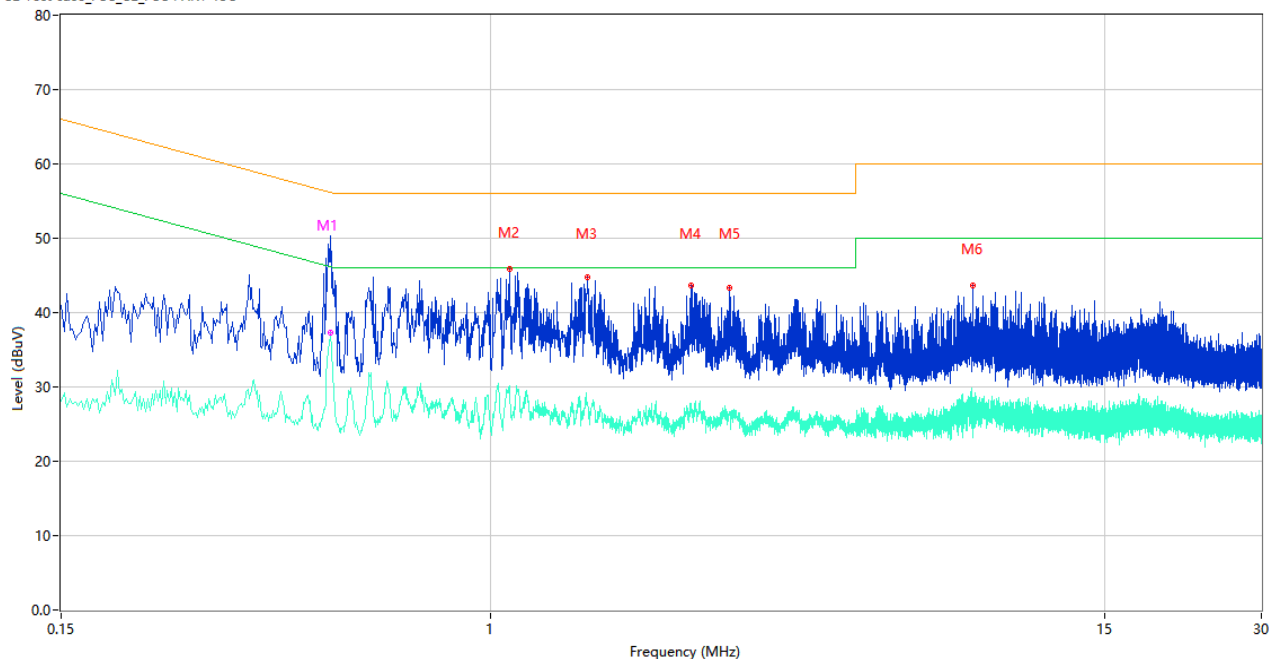
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.332	42.15	10.40	59.40	17.25	Peak	L	Pass
1**	0.332	32.78	10.40	49.40	16.62	AV	L	Pass
2	0.428	42.20	10.26	57.29	15.09	Peak	L	Pass
2**	0.428	33.83	10.26	47.29	13.46	AV	L	Pass
3	0.518	40.73	10.00	56.00	15.27	Peak	L	Pass
3**	0.518	31.19	10.00	46.00	14.81	AV	L	Pass
4	1.428	42.16	9.92	56.00	13.84	Peak	L	Pass
4**	1.428	31.55	9.92	46.00	14.45	AV	L	Pass
5	2.536	42.42	10.11	56.00	13.58	Peak	L	Pass
5**	2.536	30.11	10.11	46.00	15.89	AV	L	Pass
6	7.890	44.56	10.25	60.00	15.44	Peak	L	Pass
6**	7.890	31.45	10.25	50.00	18.55	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.492	50.28	9.99	56.13	5.85	Peak	N	Pass
1**	0.492	37.37	9.99	46.13	8.76	AV	N	Pass
2	1.084	45.86	10.05	56.00	10.14	Peak	N	Pass
2**	1.084	30.23	10.05	46.00	15.77	AV	N	Pass
3	1.532	44.84	10.19	56.00	11.16	Peak	N	Pass
3**	1.532	27.58	10.19	46.00	18.42	AV	N	Pass
4	2.426	43.60	10.24	56.00	12.40	Peak	N	Pass
4**	2.426	27.48	10.24	46.00	18.52	AV	N	Pass
5	2.868	43.26	9.86	56.00	12.74	Peak	N	Pass
5**	2.868	26.26	9.86	46.00	19.74	AV	N	Pass
6	8.390	43.65	10.26	60.00	16.35	Peak	N	Pass
6**	8.390	25.22	10.26	50.00	24.78	AV	N	Pass

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

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

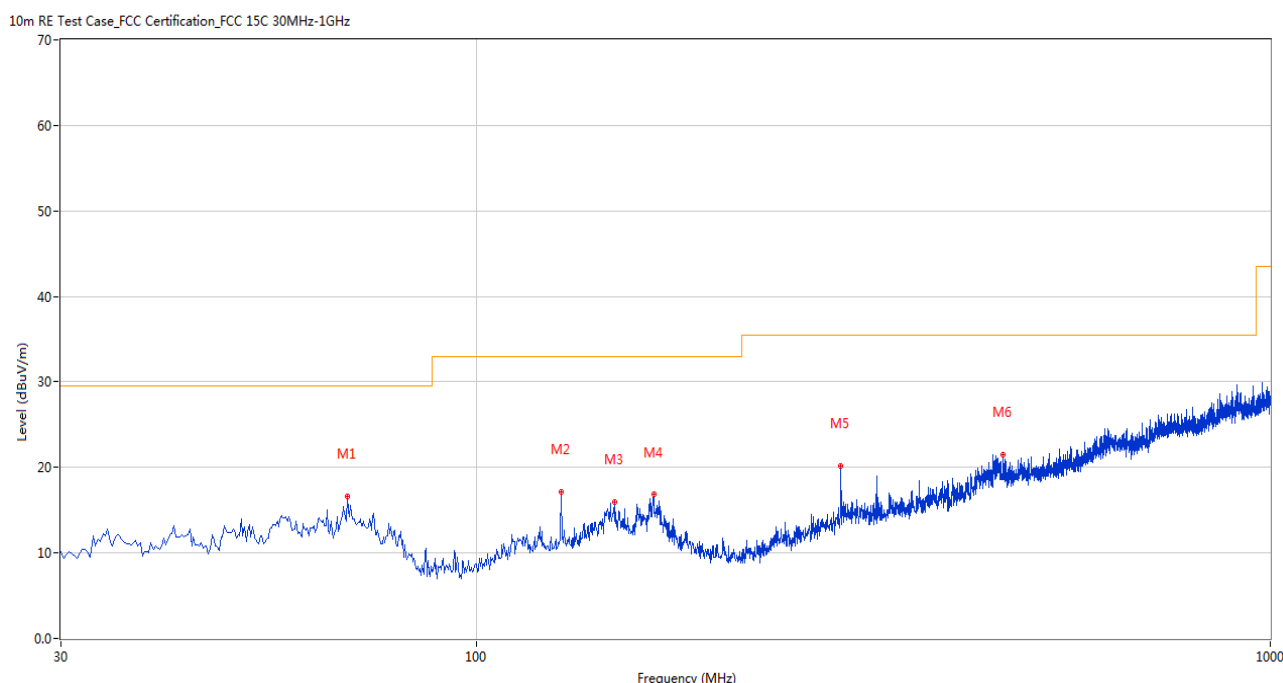
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

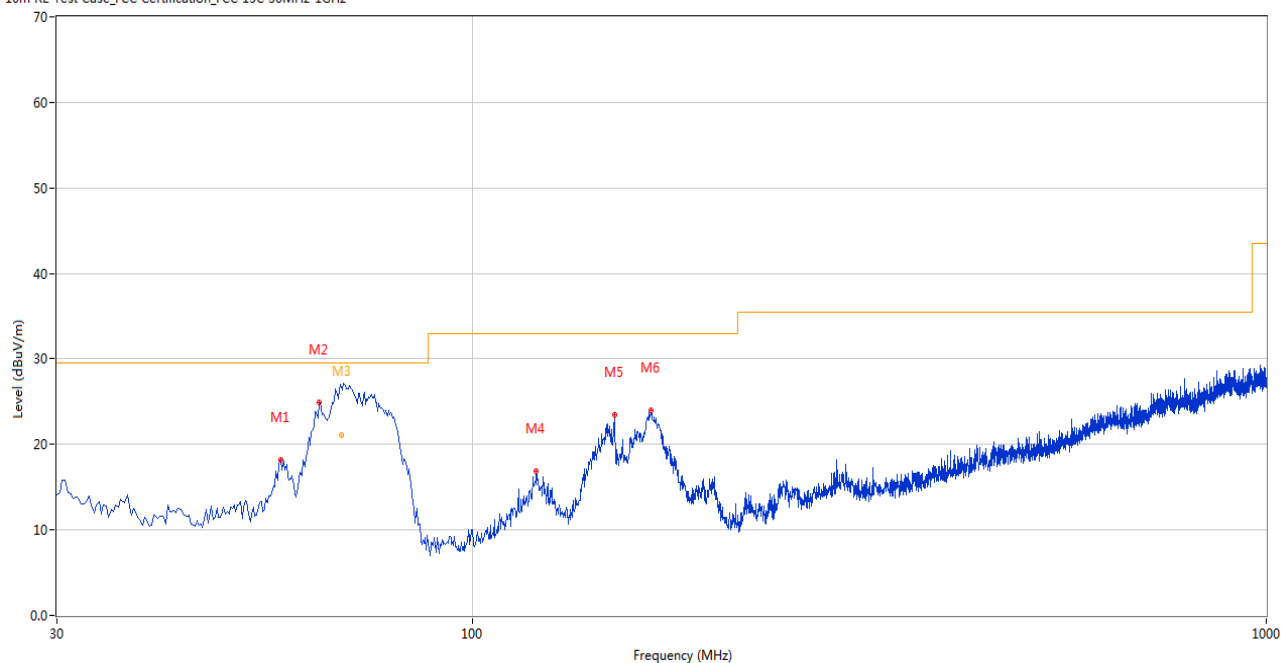
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	68.790	16.58	-27.94	29.5	12.92	Peak	69.00	100	Horizontal	Pass
2	127.946	17.14	-27.49	33.0	15.86	Peak	0.00	100	Horizontal	Pass
3	149.280	15.97	-25.88	33.0	17.03	Peak	360.00	200	Horizontal	Pass
4	167.463	16.81	-25.96	33.0	16.19	Peak	285.00	200	Horizontal	Pass
5	287.956	20.19	-25.01	35.5	15.31	Peak	329.00	200	Horizontal	Pass
6	460.330	21.55	-20.54	35.5	13.95	Peak	254.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.396	18.15	-26.27	29.5	11.35	Peak	112.00	100	Vertical	Pass
2	64.184	24.93	-27.24	29.5	4.57	Peak	139.00	200	Vertical	Pass
3	68.356	24.16	-27.94	29.5	5.34	Peak	158.00	101	Vertical	N/A
3*	68.356	21.05	-27.94	29.5	8.45	QP	158.00	101	Vertical	Pass
4	120.430	16.91	-28.21	33.0	16.09	Peak	251.00	100	Vertical	Pass
5	150.977	23.51	-25.75	33.0	9.49	Peak	279.00	100	Vertical	Pass
6	168.190	23.94	-26.00	33.0	9.06	Peak	226.00	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	1612.800	38.59	-16.67	74.0	35.41	Peak	262.00	400	Horizontal	Pass
1**	1612.800	29.73	-16.67	54.0	24.27	AV	262.00	400	Horizontal	Pass
2	4288.750	47.22	-4.72	74.0	26.78	Peak	244.00	200	Horizontal	Pass
2**	4288.750	37.75	-4.72	54.0	16.25	AV	244.00	200	Horizontal	Pass
3	5184.750	98.39	-2.40	--	--	Peak	165.00	100	Horizontal	N/A
3**	5184.750	91.15	-2.40	--	--	AV	165.00	100	Horizontal	N/A
4	7430.250	53.50	1.14	74.0	20.50	Peak	264.00	100	Horizontal	Pass
4**	7430.250	43.67	1.14	54.0	10.33	AV	264.00	100	Horizontal	Pass
5	12246.974	52.98	1.06	74.0	21.02	Peak	333.00	200	Horizontal	Pass
5**	12246.974	43.81	1.06	54.0	10.19	AV	333.00	200	Horizontal	Pass
6	15646.687	55.14	2.06	74.0	18.86	Peak	36.00	400	Horizontal	Pass
6**	15646.687	45.07	2.06	54.0	8.93	AV	36.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.200	38.80	-16.90	74.0	35.20	Peak	81.00	400	Vertical	Pass
1**	1452.200	28.38	-16.90	54.0	25.62	AV	81.00	400	Vertical	Pass
2	4296.000	46.95	-4.83	74.0	27.05	Peak	17.00	400	Vertical	Pass
2**	4296.000	37.84	-4.83	54.0	16.16	AV	17.00	400	Vertical	Pass
3	5183.000	92.41	-2.50	--	--	Peak	220.00	100	Vertical	N/A
3**	5183.000	84.69	-2.50	--	--	AV	220.00	100	Vertical	N/A
4	7403.250	53.20	0.40	74.0	20.80	Peak	98.00	400	Vertical	Pass
4**	7403.250	43.12	0.40	54.0	10.88	AV	98.00	400	Vertical	Pass
5	12431.750	53.16	1.06	74.0	20.84	Peak	130.00	200	Vertical	Pass
5**	12431.750	43.35	1.06	54.0	10.65	AV	130.00	200	Vertical	Pass
6	16112.099	55.89	1.85	74.0	18.11	Peak	154.00	300	Vertical	Pass
6**	16112.099	45.27	1.85	54.0	8.73	AV	154.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.100	38.38	-17.01	74.0	35.62	Peak	28.00	100	Horizontal	Pass
1**	1565.100	28.73	-17.01	54.0	25.27	AV	28.00	100	Horizontal	Pass
2	4302.750	47.57	-5.03	74.0	26.43	Peak	145.00	200	Horizontal	Pass
2**	4302.750	37.94	-5.03	54.0	16.06	AV	145.00	200	Horizontal	Pass
3	5218.250	99.92	-2.79	--	--	Peak	124.00	150	Horizontal	N/A
3**	5218.250	92.65	-2.79	--	--	AV	124.00	150	Horizontal	N/A
4	7716.000	53.20	1.44	74.0	20.80	Peak	104.00	200	Horizontal	Pass
4**	7716.000	43.50	1.44	54.0	10.50	AV	104.00	200	Horizontal	Pass
5	12261.224	53.16	0.98	74.0	20.84	Peak	179.00	100	Horizontal	Pass
5**	12261.224	43.70	0.98	54.0	10.30	AV	179.00	100	Horizontal	Pass
6	15894.225	55.34	1.98	74.0	18.66	Peak	165.00	100	Horizontal	Pass
6**	15894.225	45.13	1.98	54.0	8.87	AV	165.00	100	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	1603.300	39.02	-16.93	74.0	34.98	Peak	172.00	200	Vertical	Pass
1**	1603.300	28.99	-16.93	54.0	25.01	AV	172.00	200	Vertical	Pass
2	4353.500	47.20	-4.72	74.0	26.80	Peak	234.00	200	Vertical	Pass
2**	4353.500	37.54	-4.72	54.0	16.46	AV	234.00	200	Vertical	Pass
3	5226.750	93.68	-3.20	--	--	Peak	150.00	150	Vertical	N/A
3**	5226.750	85.91	-3.20	--	--	AV	150.00	150	Vertical	N/A
4	7705.500	53.22	1.77	74.0	20.78	Peak	0.00	100	Vertical	Pass
4**	7705.500	45.84	1.77	54.0	8.16	AV	0.00	100	Vertical	Pass
5	12199.000	53.02	0.39	74.0	20.98	Peak	31.00	100	Vertical	Pass
5**	12199.000	42.89	0.39	54.0	11.11	AV	31.00	100	Vertical	Pass
6	16109.475	54.94	1.83	74.0	19.06	Peak	322.00	100	Vertical	Pass
6**	16109.475	45.97	1.83	54.0	8.03	AV	322.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.400	38.52	-17.01	74.0	35.48	Peak	286.00	400	Horizontal	Pass
1**	1440.400	29.68	-17.01	54.0	24.32	AV	286.00	400	Horizontal	Pass
2	4267.000	48.70	-4.70	74.0	25.30	Peak	195.00	400	Horizontal	Pass
2**	4267.000	37.50	-4.70	54.0	16.50	AV	195.00	400	Horizontal	Pass
3	5236.250	101.66	-2.94	--	--	Peak	131.00	150	Horizontal	N/A
3**	5236.250	93.98	-2.94	--	--	AV	131.00	150	Horizontal	N/A
4	7741.000	53.58	0.18	74.0	20.42	Peak	324.00	400	Horizontal	Pass
4**	7741.000	43.21	0.18	54.0	10.79	AV	324.00	400	Horizontal	Pass
5	11772.687	53.03	-0.17	74.0	20.97	Peak	38.00	150	Horizontal	Pass
5**	11772.687	43.15	-0.17	54.0	10.85	AV	38.00	150	Horizontal	Pass
6	16073.775	55.01	1.40	74.0	18.99	Peak	312.00	300	Horizontal	Pass
6**	16073.775	45.40	1.40	54.0	8.60	AV	312.00	300	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	1522.000	39.34	-17.26	74.0	34.66	Peak	242.00	400	Vertical	Pass
1**	1522.000	28.99	-17.26	54.0	25.01	AV	242.00	400	Vertical	Pass
2	4392.250	47.56	-5.51	74.0	26.44	Peak	121.00	400	Vertical	Pass
2**	4392.250	37.30	-5.51	54.0	16.70	AV	121.00	400	Vertical	Pass
3	5236.750	94.31	-2.91	--	--	Peak	143.00	150	Vertical	N/A
3**	5236.750	87.40	-2.91	--	--	AV	143.00	150	Vertical	N/A
4	7427.000	53.95	1.25	74.0	20.05	Peak	185.00	100	Vertical	Pass
4**	7427.000	44.33	1.25	54.0	9.67	AV	185.00	100	Vertical	Pass
5	10481.401	57.73	-1.61	68.2	10.47	Peak	360.00	100	Vertical	Pass
5**	10481.401	49.26	-1.61	--	--	AV	360.00	100	Vertical	N/A
6	16117.613	54.93	1.89	74.0	19.07	Peak	1.00	200	Vertical	Pass
6**	16117.613	46.22	1.89	54.0	7.78	AV	1.00	200	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	1592.800	38.68	-16.59	74.0	35.32	Peak	235.00	100	Horizontal	Pass
1**	1592.800	29.69	-16.59	54.0	24.31	AV	235.00	100	Horizontal	Pass
2	4269.750	47.41	-5.13	74.0	26.59	Peak	360.00	300	Horizontal	Pass
2**	4269.750	37.47	-5.13	54.0	16.53	AV	360.00	300	Horizontal	Pass
3	5186.000	97.47	-2.33	--	--	Peak	165.00	100	Horizontal	N/A
3**	5186.000	90.48	-2.33	--	--	AV	165.00	100	Horizontal	N/A
4	7488.000	53.61	1.53	74.0	20.39	Peak	105.00	200	Horizontal	Pass
4**	7488.000	44.13	1.53	54.0	9.87	AV	105.00	200	Horizontal	Pass
5	11720.200	53.12	-0.39	74.0	20.88	Peak	313.00	150	Horizontal	Pass
5**	11720.200	43.15	-0.39	54.0	10.85	AV	313.00	150	Horizontal	Pass
6	15896.325	55.35	2.00	74.0	18.65	Peak	39.00	400	Horizontal	Pass
6**	15896.325	45.77	2.00	54.0	8.23	AV	39.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.800	38.33	-16.81	74.0	35.67	Peak	23.00	200	Vertical	Pass
1**	1574.800	29.09	-16.81	54.0	24.91	AV	23.00	200	Vertical	Pass
2	4315.500	47.54	-5.18	74.0	26.46	Peak	126.00	100	Vertical	Pass
2**	4315.500	37.60	-5.18	54.0	16.40	AV	126.00	100	Vertical	Pass
3	5185.000	91.51	-2.34	--	--	Peak	226.00	200	Vertical	N/A
3**	5185.000	83.40	-2.34	--	--	AV	226.00	200	Vertical	N/A
4	7311.250	53.14	0.55	74.0	20.86	Peak	26.00	200	Vertical	Pass
4**	7311.250	43.62	0.55	54.0	10.38	AV	26.00	200	Vertical	Pass
5	10358.612	53.92	-2.91	68.2	14.28	Peak	355.00	200	Vertical	Pass
5**	10358.612	46.06	-2.91	--	--	AV	355.00	200	Vertical	N/A
6	16103.175	54.95	1.78	74.0	19.05	Peak	97.00	200	Vertical	Pass
6**	16103.175	45.64	1.78	54.0	8.36	AV	97.00	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	1509.800	38.52	-16.87	74.0	35.48	Peak	213.00	100	Horizontal	Pass
1**	1509.800	28.64	-16.87	54.0	25.36	AV	213.00	100	Horizontal	Pass
2	4187.000	48.02	-5.43	74.0	25.98	Peak	142.00	100	Horizontal	Pass
2**	4187.000	37.85	-5.43	54.0	16.15	AV	142.00	100	Horizontal	Pass
3	5218.250	98.89	-2.79	--	--	Peak	161.00	150	Horizontal	N/A
3**	5218.250	90.78	-2.79	--	--	AV	161.00	150	Horizontal	N/A
4	7713.750	53.58	1.83	74.0	20.42	Peak	161.00	300	Horizontal	Pass
4**	7713.750	44.03	1.83	54.0	9.97	AV	161.00	300	Horizontal	Pass
5	11798.338	53.32	-0.15	74.0	20.68	Peak	352.00	150	Horizontal	Pass
5**	11798.338	43.84	-0.15	54.0	10.16	AV	352.00	150	Horizontal	Pass
6	16126.012	54.82	1.96	74.0	19.18	Peak	200.00	100	Horizontal	Pass
6**	16126.012	46.42	1.96	54.0	7.58	AV	200.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.100	38.41	-16.69	74.0	35.59	Peak	4.00	400	Vertical	Pass
1**	1441.100	29.06	-16.69	54.0	24.94	AV	4.00	400	Vertical	Pass
2	4080.750	47.57	-5.59	74.0	26.43	Peak	244.00	200	Vertical	Pass
2**	4080.750	37.17	-5.59	54.0	16.83	AV	244.00	200	Vertical	Pass
3	5226.250	92.87	-3.25	--	--	Peak	163.00	150	Vertical	N/A
3**	5226.250	84.88	-3.25	--	--	AV	163.00	150	Vertical	N/A
4	7717.500	53.03	1.12	74.0	20.97	Peak	20.00	400	Vertical	Pass
4**	7717.500	44.64	1.12	54.0	9.36	AV	20.00	400	Vertical	Pass
5	12257.662	52.83	1.02	74.0	21.17	Peak	292.00	100	Vertical	Pass
5**	12257.662	43.36	1.02	54.0	10.64	AV	292.00	100	Vertical	Pass
6	16099.500	55.01	1.74	74.0	18.99	Peak	146.00	300	Vertical	Pass
6**	16099.500	45.12	1.74	54.0	8.88	AV	146.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.400	39.15	-16.81	74.0	34.85	Peak	241.00	100	Horizontal	Pass
1**	1612.400	30.74	-16.81	54.0	23.26	AV	241.00	100	Horizontal	Pass
2	4334.500	47.48	-4.84	74.0	26.52	Peak	1.00	300	Horizontal	Pass
2**	4334.500	38.19	-4.84	54.0	15.81	AV	1.00	300	Horizontal	Pass
3	5232.250	100.39	-2.99	--	--	Peak	142.00	150	Horizontal	N/A
3**	5232.250	92.03	-2.99	--	--	AV	142.00	150	Horizontal	N/A
4	7685.250	54.00	0.86	74.0	20.00	Peak	60.00	400	Horizontal	Pass
4**	7685.250	43.71	0.86	54.0	10.29	AV	60.00	400	Horizontal	Pass
5	11715.925	52.89	-0.41	74.0	21.11	Peak	164.00	200	Horizontal	Pass
5**	11715.925	43.63	-0.41	54.0	10.37	AV	164.00	200	Horizontal	Pass
6	16083.225	55.76	1.53	74.0	18.24	Peak	150.00	200	Horizontal	Pass
6**	16083.225	45.47	1.53	54.0	8.53	AV	150.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.500	38.85	-17.00	74.0	35.15	Peak	360.00	200	Vertical	Pass
1**	1595.500	30.36	-17.00	54.0	23.64	AV	360.00	200	Vertical	Pass
2	4280.500	46.96	-4.67	74.0	27.04	Peak	203.00	300	Vertical	Pass
2**	4280.500	38.16	-4.67	54.0	15.84	AV	203.00	300	Vertical	Pass
3	5238.250	93.60	-3.16	--	--	Peak	162.00	200	Vertical	N/A
3**	5238.250	85.48	-3.16	--	--	AV	162.00	200	Vertical	N/A
4	7694.750	53.55	1.07	74.0	20.45	Peak	142.00	300	Vertical	Pass
4**	7694.750	43.90	1.07	54.0	10.10	AV	142.00	300	Vertical	Pass
5	12488.513	52.90	1.35	74.0	21.10	Peak	54.00	150	Vertical	Pass
5**	12488.513	44.14	1.35	54.0	9.86	AV	54.00	150	Vertical	Pass
6	16121.287	55.21	1.92	74.0	18.79	Peak	16.00	100	Vertical	Pass
6**	16121.287	45.81	1.92	54.0	8.19	AV	16.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.600	38.47	-17.04	74.0	35.53	Peak	0.00	300	Horizontal	Pass
1**	1619.600	28.98	-17.04	54.0	25.02	AV	0.00	300	Horizontal	Pass
2	3980.000	46.99	-5.50	74.0	27.01	Peak	88.00	100	Horizontal	Pass
2**	3980.000	37.39	-5.50	54.0	16.61	AV	88.00	100	Horizontal	Pass
3	5205.500	98.75	-2.35	--	--	Peak	133.00	100	Horizontal	N/A
3**	5205.500	89.73	-2.35	--	--	AV	133.00	100	Horizontal	N/A
4	7702.750	54.01	1.18	74.0	19.99	Peak	60.00	300	Horizontal	Pass
4**	7702.750	44.27	1.18	54.0	9.73	AV	60.00	300	Horizontal	Pass
5	12468.325	52.92	1.18	74.0	21.08	Peak	0.00	150	Horizontal	Pass
5**	12468.325	43.83	1.18	54.0	10.17	AV	0.00	150	Horizontal	Pass
6	16178.513	55.07	1.96	74.0	18.93	Peak	228.00	400	Horizontal	Pass
6**	16178.513	46.02	1.96	54.0	7.98	AV	228.00	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	1581.400	38.33	-16.89	74.0	35.67	Peak	50.00	200	Vertical	Pass
1**	1581.400	28.81	-16.89	54.0	25.19	AV	50.00	200	Vertical	Pass
2	4251.000	47.29	-4.04	74.0	26.71	Peak	217.00	200	Vertical	Pass
2**	4251.000	38.14	-4.04	54.0	15.86	AV	217.00	200	Vertical	Pass
3	5201.000	90.47	-2.54	--	--	Peak	169.00	100	Vertical	N/A
3**	5201.000	82.66	-2.54	--	--	AV	169.00	100	Vertical	N/A
4	7683.250	53.36	0.69	74.0	20.64	Peak	271.00	300	Vertical	Pass
4**	7683.250	43.62	0.69	54.0	10.38	AV	271.00	300	Vertical	Pass
5	12208.026	52.82	0.52	74.0	21.18	Peak	50.00	200	Vertical	Pass
5**	12208.026	42.74	0.52	54.0	11.26	AV	50.00	200	Vertical	Pass
6	16112.625	54.86	1.85	74.0	19.14	Peak	227.00	300	Vertical	Pass
6**	16112.625	45.42	1.85	54.0	8.58	AV	227.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.700	38.53	-17.36	74.0	35.47	Peak	351.00	100	Horizontal	Pass
1**	1536.700	28.17	-17.36	54.0	25.83	AV	351.00	100	Horizontal	Pass
2	4207.000	47.05	-5.17	74.0	26.95	Peak	82.00	400	Horizontal	Pass
2**	4207.000	37.76	-5.17	54.0	16.24	AV	82.00	400	Horizontal	Pass
3	5239.000	95.07	-2.94	--	--	Peak	130.00	100	Horizontal	N/A
3**	5239.000	87.66	-2.94	--	--	AV	130.00	100	Horizontal	N/A
4	7701.250	53.46	1.08	74.0	20.54	Peak	33.00	200	Horizontal	Pass
4**	7701.250	44.56	1.08	54.0	9.44	AV	33.00	200	Horizontal	Pass
5	12511.075	53.03	1.37	74.0	20.97	Peak	360.00	200	Horizontal	Pass
5**	12511.075	44.01	1.37	54.0	9.99	AV	360.00	200	Horizontal	Pass
6	16131.526	55.12	2.00	74.0	18.88	Peak	11.00	300	Horizontal	Pass
6**	16131.526	46.21	2.00	54.0	7.79	AV	11.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.300	38.54	-17.03	74.0	35.46	Peak	8.00	200	Vertical	Pass
1**	1514.300	28.59	-17.03	54.0	25.41	AV	8.00	200	Vertical	Pass
2	4215.250	47.05	-5.03	74.0	26.95	Peak	113.00	300	Vertical	Pass
2**	4215.250	38.15	-5.03	54.0	15.85	AV	113.00	300	Vertical	Pass
3	5214.000	88.89	-2.58	--	--	Peak	341.00	200	Vertical	N/A
3**	5214.000	80.95	-2.58	--	--	AV	341.00	200	Vertical	N/A
4	7657.250	53.26	1.36	74.0	20.74	Peak	159.00	400	Vertical	Pass
4**	7657.250	44.37	1.36	54.0	9.63	AV	159.00	400	Vertical	Pass
5	12185.700	53.14	0.28	74.0	20.86	Peak	278.00	200	Vertical	Pass
5**	12185.700	43.38	0.28	54.0	10.62	AV	278.00	200	Vertical	Pass
6	16143.863	54.89	2.10	74.0	19.11	Peak	257.00	100	Vertical	Pass
6**	16143.863	45.62	2.10	54.0	8.38	AV	257.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.100	39.11	-16.80	74.0	34.89	Peak	250.00	100	Horizontal	Pass
1**	1513.100	29.07	-16.80	54.0	24.93	AV	250.00	100	Horizontal	Pass
2	4255.750	47.54	-3.94	74.0	26.46	Peak	0.00	300	Horizontal	Pass
2**	4255.750	37.96	-3.94	54.0	16.04	AV	0.00	300	Horizontal	Pass
3	5185.250	98.29	-2.37	--	--	Peak	138.00	200	Horizontal	N/A
3**	5185.250	91.21	-2.37	--	--	AV	138.00	200	Horizontal	N/A
4	7742.250	53.74	0.46	74.0	20.26	Peak	112.00	400	Horizontal	Pass
4**	7742.250	43.65	0.46	54.0	10.35	AV	112.00	400	Horizontal	Pass
5	12249.825	53.05	1.10	74.0	20.95	Peak	192.00	100	Horizontal	Pass
5**	12249.825	44.10	1.10	54.0	9.90	AV	192.00	100	Horizontal	Pass
6	16119.975	55.06	1.91	74.0	18.94	Peak	63.00	200	Horizontal	Pass
6**	16119.975	45.59	1.91	54.0	8.41	AV	63.00	200	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	1613.500	38.46	-16.85	74.0	35.54	Peak	52.00	400	Vertical	Pass
1**	1613.500	29.26	-16.85	54.0	24.74	AV	52.00	400	Vertical	Pass
2	4257.000	47.42	-4.04	74.0	26.58	Peak	6.00	200	Vertical	Pass
2**	4257.000	38.04	-4.04	54.0	15.96	AV	6.00	200	Vertical	Pass
3	5173.750	91.93	-2.69	--	--	Peak	165.00	100	Vertical	N/A
3**	5173.750	83.53	-2.69	--	--	AV	165.00	100	Vertical	N/A
4	7334.000	53.71	0.18	74.0	20.29	Peak	106.00	100	Vertical	Pass
4**	7334.000	44.34	0.18	54.0	9.66	AV	106.00	100	Vertical	Pass
5	11682.437	52.65	-0.81	74.0	21.35	Peak	225.00	100	Vertical	Pass
5**	11682.437	42.77	-0.81	54.0	11.23	AV	225.00	100	Vertical	Pass
6	16084.275	54.25	1.54	74.0	19.75	Peak	275.00	200	Vertical	Pass
6**	16084.275	45.21	1.54	54.0	8.79	AV	275.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.000	38.72	-16.53	74.0	35.28	Peak	77.00	300	Horizontal	Pass
1**	1512.000	29.20	-16.53	54.0	24.80	AV	77.00	300	Horizontal	Pass
2	4367.000	47.04	-4.81	74.0	26.96	Peak	325.00	200	Horizontal	Pass
2**	4367.000	38.39	-4.81	54.0	15.61	AV	325.00	200	Horizontal	Pass
3	5222.500	98.70	-3.05	--	--	Peak	125.00	100	Horizontal	N/A
3**	5222.500	90.30	-3.05	--	--	AV	125.00	100	Horizontal	N/A
4	7694.750	53.26	1.07	74.0	20.74	Peak	144.00	300	Horizontal	Pass
4**	7694.750	44.11	1.07	54.0	9.89	AV	144.00	300	Horizontal	Pass
5	12272.625	53.26	0.86	74.0	20.74	Peak	228.00	100	Horizontal	Pass
5**	12272.625	43.37	0.86	54.0	10.63	AV	228.00	100	Horizontal	Pass
6	16060.650	54.77	1.23	74.0	19.23	Peak	220.00	300	Horizontal	Pass
6**	16060.650	45.49	1.23	54.0	8.51	AV	220.00	300	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	1605.000	38.54	-16.61	74.0	35.46	Peak	356.00	300	Vertical	Pass
1**	1605.000	29.13	-16.61	54.0	24.87	AV	356.00	300	Vertical	Pass
2	4266.500	47.41	-4.83	74.0	26.59	Peak	304.00	300	Vertical	Pass
2**	4266.500	37.78	-4.83	54.0	16.22	AV	304.00	300	Vertical	Pass
3	5223.500	93.35	-3.13	--	--	Peak	163.00	200	Vertical	N/A
3**	5223.500	85.19	-3.13	--	--	AV	163.00	200	Vertical	N/A
4	7710.750	53.73	1.87	74.0	20.27	Peak	224.00	400	Vertical	Pass
4**	7710.750	44.70	1.87	54.0	9.30	AV	224.00	400	Vertical	Pass
5	12516.775	52.65	1.34	74.0	21.35	Peak	133.00	150	Vertical	Pass
5**	12516.775	43.00	1.34	54.0	11.00	AV	133.00	150	Vertical	Pass
6	15901.575	54.68	2.00	74.0	19.32	Peak	220.00	100	Vertical	Pass
6**	15901.575	45.34	2.00	54.0	8.66	AV	220.00	100	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	1580.200	38.66	-17.15	74.0	35.34	Peak	130.00	100	Horizontal	Pass
1**	1580.200	28.87	-17.15	54.0	25.13	AV	130.00	100	Horizontal	Pass
2	4152.000	46.86	-5.58	74.0	27.14	Peak	62.00	200	Horizontal	Pass
2**	4152.000	38.83	-5.58	54.0	15.17	AV	62.00	200	Horizontal	Pass
3	5237.500	100.70	-3.09	--	--	Peak	103.00	150	Horizontal	N/A
3**	5237.500	93.31	-3.09	--	--	AV	103.00	150	Horizontal	N/A
4	7705.000	54.57	2.03	74.0	19.43	Peak	344.00	300	Horizontal	Pass
4**	7705.000	45.06	2.03	54.0	8.94	AV	344.00	300	Horizontal	Pass
5	12002.350	52.70	0.44	74.0	21.30	Peak	286.00	200	Horizontal	Pass
5**	12002.350	43.17	0.44	54.0	10.83	AV	286.00	200	Horizontal	Pass
6	16125.487	54.95	1.96	74.0	19.05	Peak	235.00	100	Horizontal	Pass
6**	16125.487	45.80	1.96	54.0	8.20	AV	235.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.300	38.46	-16.93	74.0	35.54	Peak	159.00	400	Vertical	Pass
1**	1448.300	29.10	-16.93	54.0	24.90	AV	159.00	400	Vertical	Pass
2	4320.500	47.46	-5.01	74.0	26.54	Peak	285.00	100	Vertical	Pass
2**	4320.500	38.52	-5.01	54.0	15.48	AV	285.00	100	Vertical	Pass
3	5241.750	93.32	-3.09	--	--	Peak	162.00	100	Vertical	N/A
3**	5241.750	85.20	-3.09	--	--	AV	162.00	100	Vertical	N/A
4	7713.500	53.73	1.71	74.0	20.27	Peak	42.00	300	Vertical	Pass
4**	7713.500	44.59	1.71	54.0	9.41	AV	42.00	300	Vertical	Pass
5	11764.375	52.99	-0.18	74.0	21.01	Peak	24.00	200	Vertical	Pass
5**	11764.375	43.16	-0.18	54.0	10.84	AV	24.00	200	Vertical	Pass
6	16133.625	55.02	2.02	74.0	18.98	Peak	198.00	300	Vertical	Pass
6**	16133.625	47.31	2.02	54.0	6.69	AV	198.00	300	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	1450.600	38.43	-16.87	74.0	35.57	Peak	113.00	200	Horizontal	Pass
1**	1450.600	29.33	-16.87	54.0	24.67	AV	113.00	200	Horizontal	Pass
2	4390.250	47.55	-5.23	74.0	26.45	Peak	210.00	100	Horizontal	Pass
2**	4390.250	37.97	-5.23	54.0	16.03	AV	210.00	100	Horizontal	Pass
3	5202.250	94.65	-2.58	--	--	Peak	138.00	200	Horizontal	N/A
3**	5202.250	87.11	-2.58	--	--	AV	138.00	200	Horizontal	N/A
4	7708.500	54.00	1.84	74.0	20.00	Peak	72.00	100	Horizontal	Pass
4**	7708.500	45.22	1.84	54.0	8.78	AV	72.00	100	Horizontal	Pass
5	12258.138	53.03	1.01	74.0	20.97	Peak	18.00	150	Horizontal	Pass
5**	12258.138	44.06	1.01	54.0	9.94	AV	18.00	150	Horizontal	Pass
6	16128.113	55.03	1.98	74.0	18.97	Peak	218.00	100	Horizontal	Pass
6**	16128.113	45.85	1.98	54.0	8.15	AV	218.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.200	38.41	-16.89	74.0	35.59	Peak	170.00	400	Vertical	Pass
1**	1614.200	28.84	-16.89	54.0	25.16	AV	170.00	400	Vertical	Pass
2	4273.500	47.18	-4.74	74.0	26.82	Peak	181.00	200	Vertical	Pass
2**	4273.500	38.02	-4.74	54.0	15.98	AV	181.00	200	Vertical	Pass
3	5206.750	88.38	-2.32	--	--	Peak	160.00	100	Vertical	N/A
3**	5206.750	80.96	-2.32	--	--	AV	160.00	100	Vertical	N/A
4	7423.250	53.64	1.41	74.0	20.36	Peak	264.00	300	Vertical	Pass
4**	7423.250	44.59	1.41	54.0	9.41	AV	264.00	300	Vertical	Pass
5	12259.088	52.68	1.00	74.0	21.32	Peak	339.00	100	Vertical	Pass
5**	12259.088	43.85	1.00	54.0	10.15	AV	339.00	100	Vertical	Pass
6	15650.888	54.90	2.13	74.0	19.10	Peak	75.00	400	Vertical	Pass
6**	15650.888	44.57	2.13	54.0	9.43	AV	75.00	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	1603.900	38.20	-16.81	74.0	35.80	Peak	255.00	100	Horizontal	Pass
1**	1603.900	29.93	-16.81	54.0	24.07	AV	255.00	100	Horizontal	Pass
2	4314.250	47.41	-4.88	74.0	26.59	Peak	67.00	300	Horizontal	Pass
2**	4314.250	37.46	-4.88	54.0	16.54	AV	67.00	300	Horizontal	Pass
3	5215.750	95.68	-2.61	--	--	Peak	130.00	150	Horizontal	N/A
3**	5215.750	86.65	-2.61	--	--	AV	130.00	150	Horizontal	N/A
4	7708.500	54.18	1.84	74.0	19.82	Peak	342.00	400	Horizontal	Pass
4**	7708.500	45.00	1.84	54.0	9.00	AV	342.00	400	Horizontal	Pass
5	12274.050	52.98	0.84	74.0	21.02	Peak	207.00	150	Horizontal	Pass
5**	12274.050	43.11	0.84	54.0	10.89	AV	207.00	150	Horizontal	Pass
6	16087.950	55.41	1.59	74.0	18.59	Peak	237.00	400	Horizontal	Pass
6**	16087.950	46.03	1.59	54.0	7.97	AV	237.00	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	1436.200	38.47	-17.15	74.0	35.53	Peak	52.00	200	Vertical	Pass
1**	1436.200	28.44	-17.15	54.0	25.56	AV	52.00	200	Vertical	Pass
2	4137.000	47.50	-5.47	74.0	26.50	Peak	305.00	400	Vertical	Pass
2**	4137.000	37.79	-5.47	54.0	16.21	AV	305.00	400	Vertical	Pass
3	5212.750	89.03	-2.57	--	--	Peak	325.00	150	Vertical	N/A
3**	5212.750	81.35	-2.57	--	--	AV	325.00	150	Vertical	N/A
4	7421.500	54.14	1.19	74.0	19.86	Peak	1.00	200	Vertical	Pass
4**	7421.500	45.37	1.19	54.0	8.63	AV	1.00	200	Vertical	Pass
5	12438.638	53.09	1.05	74.0	20.91	Peak	311.00	150	Vertical	Pass
5**	12438.638	42.63	1.05	54.0	11.37	AV	311.00	150	Vertical	Pass
6	16103.700	54.62	1.78	74.0	19.38	Peak	136.00	100	Vertical	Pass
6**	16103.700	46.19	1.78	54.0	7.81	AV	136.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.900	38.25	-16.70	74.0	35.75	Peak	161.00	300	Horizontal	Pass
1**	1613.900	30.11	-16.70	54.0	23.89	AV	161.00	300	Horizontal	Pass
2	4253.750	47.84	-4.20	74.0	26.16	Peak	120.00	200	Horizontal	Pass
2**	4253.750	38.14	-4.20	54.0	15.86	AV	120.00	200	Horizontal	Pass
3	5231.000	92.98	-3.02	--	--	Peak	141.00	150	Horizontal	N/A
3**	5231.000	86.60	-3.02	--	--	AV	141.00	150	Horizontal	N/A
4	7705.000	53.10	2.03	74.0	20.90	Peak	304.00	400	Horizontal	Pass
4**	7705.000	45.06	2.03	54.0	8.94	AV	304.00	400	Horizontal	Pass
5	12510.125	53.35	1.38	74.0	20.65	Peak	268.00	200	Horizontal	Pass
5**	12510.125	43.70	1.38	54.0	10.30	AV	268.00	200	Horizontal	Pass
6	15938.062	55.07	1.37	74.0	18.93	Peak	35.00	200	Horizontal	Pass
6**	15938.062	44.66	1.37	54.0	9.34	AV	35.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.100	38.57	-17.15	74.0	35.43	Peak	183.00	200	Vertical	Pass
1**	1469.100	29.14	-17.15	54.0	24.86	AV	183.00	200	Vertical	Pass
2	4253.500	47.74	-4.17	74.0	26.26	Peak	118.00	300	Vertical	Pass
2**	4253.500	37.99	-4.17	54.0	16.01	AV	118.00	300	Vertical	Pass
3	5236.250	86.60	-2.94	--	--	Peak	161.00	150	Vertical	N/A
3**	5236.250	79.56	-2.94	--	--	AV	161.00	150	Vertical	N/A
4	7691.250	53.43	0.98	74.0	20.57	Peak	324.00	200	Vertical	Pass
4**	7691.250	44.11	0.98	54.0	9.89	AV	324.00	200	Vertical	Pass
5	11798.575	53.05	-0.15	74.0	20.95	Peak	288.00	100	Vertical	Pass
5**	11798.575	43.57	-0.15	54.0	10.43	AV	288.00	100	Vertical	Pass
6	16109.475	55.19	1.83	74.0	18.81	Peak	242.00	400	Vertical	Pass
6**	16109.475	46.09	1.83	54.0	7.91	AV	242.00	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	1613.400	38.61	-16.78	74.0	35.39	Peak	278.00	400	Horizontal	Pass
1**	1613.400	29.48	-16.78	54.0	24.52	AV	278.00	400	Horizontal	Pass
2	4349.250	47.70	-4.65	74.0	26.30	Peak	283.00	100	Horizontal	Pass
2**	4349.250	38.05	-4.65	54.0	15.95	AV	283.00	100	Horizontal	Pass
3	5266.250	101.26	-2.91	--	--	Peak	138.00	150	Horizontal	N/A
3**	5266.250	93.93	-2.91	--	--	AV	138.00	150	Horizontal	N/A
4	7710.250	53.68	1.90	74.0	20.32	Peak	161.00	300	Horizontal	Pass
4**	7710.250	44.78	1.90	54.0	9.22	AV	161.00	300	Horizontal	Pass
5	12220.375	53.19	0.69	74.0	20.81	Peak	91.00	150	Horizontal	Pass
5**	12220.375	43.51	0.69	54.0	10.49	AV	91.00	150	Horizontal	Pass
6	16054.875	55.27	1.15	74.0	18.73	Peak	1.00	300	Horizontal	Pass
6**	16054.875	45.36	1.15	54.0	8.64	AV	1.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.600	38.57	-17.06	74.0	35.43	Peak	51.00	100	Vertical	Pass
1**	1530.600	29.08	-17.06	54.0	24.92	AV	51.00	100	Vertical	Pass
2	4271.750	47.11	-5.07	74.0	26.89	Peak	162.00	100	Vertical	Pass
2**	4271.750	37.27	-5.07	54.0	16.73	AV	162.00	100	Vertical	Pass
3	5254.500	93.51	-2.93	--	--	Peak	121.00	100	Vertical	N/A
3**	5254.500	85.85	-2.93	--	--	AV	121.00	100	Vertical	N/A
4	7712.500	53.85	1.73	74.0	20.15	Peak	203.00	100	Vertical	Pass
4**	7712.500	44.90	1.73	54.0	9.10	AV	203.00	100	Vertical	Pass
5	11785.750	53.48	-0.16	74.0	20.52	Peak	246.00	100	Vertical	Pass
5**	11785.750	44.05	-0.16	54.0	9.95	AV	246.00	100	Vertical	Pass
6	16051.987	55.12	1.12	74.0	18.88	Peak	341.00	400	Vertical	Pass
6**	16051.987	45.00	1.12	54.0	9.00	AV	341.00	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	1567.300	38.33	-17.56	74.0	35.67	Peak	161.00	200	Horizontal	Pass
1**	1567.300	29.61	-17.56	54.0	24.39	AV	161.00	200	Horizontal	Pass
2	4292.250	47.12	-4.60	74.0	26.88	Peak	23.00	200	Horizontal	Pass
2**	4292.250	37.90	-4.60	54.0	16.10	AV	23.00	200	Horizontal	Pass
3	5304.750	104.48	-2.92	--	--	Peak	124.00	100	Horizontal	N/A
3**	5304.750	96.24	-2.92	--	--	AV	124.00	100	Horizontal	N/A
4	7420.250	53.23	1.47	74.0	20.77	Peak	224.00	100	Horizontal	Pass
4**	7420.250	44.29	1.47	54.0	9.71	AV	224.00	100	Horizontal	Pass
5	12230.112	52.90	0.83	74.0	21.10	Peak	339.00	200	Horizontal	Pass
5**	12230.112	44.28	0.83	54.0	9.72	AV	339.00	200	Horizontal	Pass
6	16086.638	54.71	1.57	74.0	19.29	Peak	91.00	300	Horizontal	Pass
6**	16086.638	45.62	1.57	54.0	8.38	AV	91.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.800	38.58	-16.84	74.0	35.42	Peak	231.00	400	Vertical	Pass
1**	1544.800	29.11	-16.84	54.0	24.89	AV	231.00	400	Vertical	Pass
2	4305.250	47.22	-5.12	74.0	26.78	Peak	161.00	200	Vertical	Pass
2**	4305.250	37.59	-5.12	54.0	16.41	AV	161.00	200	Vertical	Pass
3	5306.000	95.31	-2.75	--	--	Peak	57.00	100	Vertical	N/A
3**	5306.000	88.20	-2.75	--	--	AV	57.00	100	Vertical	N/A
4	7427.750	54.15	1.31	74.0	19.85	Peak	57.00	200	Vertical	Pass
4**	7427.750	44.51	1.31	54.0	9.49	AV	57.00	200	Vertical	Pass
5	10600.388	56.11	-1.78	74.0	17.89	Peak	0.00	100	Vertical	Pass
5**	10600.388	48.60	-1.78	54.0	5.40	AV	0.00	100	Vertical	Pass
6	16136.513	54.96	2.04	74.0	19.04	Peak	0.00	100	Vertical	Pass
6**	16136.513	45.50	2.04	54.0	8.50	AV	0.00	100	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	1484.900	38.99	-17.09	74.0	35.01	Peak	247.00	300	Horizontal	Pass
1**	1484.900	29.03	-17.09	54.0	24.97	AV	247.00	300	Horizontal	Pass
2	4262.000	47.08	-4.53	74.0	26.92	Peak	10.00	300	Horizontal	Pass
2**	4262.000	37.92	-4.53	54.0	16.08	AV	10.00	300	Horizontal	Pass
3	5324.500	104.90	-2.90	--	--	Peak	127.00	150	Horizontal	N/A
3**	5324.500	96.80	-2.90	--	--	AV	127.00	150	Horizontal	N/A
4	7705.500	53.36	1.77	74.0	20.64	Peak	0.00	100	Horizontal	Pass
4**	7705.500	45.18	1.77	54.0	8.82	AV	0.00	100	Horizontal	Pass
5	12256.238	52.70	1.04	74.0	21.30	Peak	232.00	150	Horizontal	Pass
5**	12256.238	43.77	1.04	54.0	10.23	AV	232.00	150	Horizontal	Pass
6	16156.200	54.95	2.11	74.0	19.05	Peak	69.00	200	Horizontal	Pass
6**	16156.200	45.43	2.11	54.0	8.57	AV	69.00	200	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	1565.200	38.47	-17.06	74.0	35.53	Peak	93.00	300	Vertical	Pass
1**	1565.200	29.23	-17.06	54.0	24.77	AV	93.00	300	Vertical	Pass
2	3987.750	46.92	-5.77	74.0	27.08	Peak	203.00	300	Vertical	Pass
2**	3987.750	37.30	-5.77	54.0	16.70	AV	203.00	300	Vertical	Pass
3	5324.250	97.76	-2.77	--	--	Peak	62.00	200	Vertical	N/A
3**	5324.250	90.69	-2.77	--	--	AV	62.00	200	Vertical	N/A
4	10639.813	53.68	-2.80	74.0	20.32	Peak	4.00	200	Vertical	Pass
4**	10639.813	46.17	-2.80	54.0	7.83	AV	4.00	200	Vertical	Pass
5	10641.475	50.99	-2.84	74.0	23.01	Peak	351.00	200	Vertical	Pass
5**	10641.475	48.36	-2.84	54.0	5.64	AV	351.00	200	Vertical	Pass
6	15913.388	54.87	1.79	74.0	19.13	Peak	145.00	300	Vertical	Pass
6**	15913.388	45.53	1.79	54.0	8.47	AV	145.00	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	1516.400	38.55	-17.01	74.0	35.45	Peak	345.00	400	Horizontal	Pass
1**	1516.400	29.43	-17.01	54.0	24.57	AV	345.00	400	Horizontal	Pass
2	4324.250	47.77	-4.89	74.0	26.23	Peak	344.00	100	Horizontal	Pass
2**	4324.250	39.40	-4.89	54.0	14.60	AV	344.00	100	Horizontal	Pass
3	5265.000	100.92	-2.76	--	--	Peak	122.00	150	Horizontal	N/A
3**	5265.000	94.37	-2.76	--	--	AV	122.00	150	Horizontal	N/A
4	7712.750	53.83	1.76	74.0	20.17	Peak	81.00	100	Horizontal	Pass
4**	7712.750	45.11	1.76	54.0	8.89	AV	81.00	100	Horizontal	Pass
5	11790.500	53.26	-0.15	74.0	20.74	Peak	341.00	150	Horizontal	Pass
5**	11790.500	43.94	-0.15	54.0	10.06	AV	341.00	150	Horizontal	Pass
6	16057.500	55.62	1.19	74.0	18.38	Peak	279.00	100	Horizontal	Pass
6**	16057.500	45.08	1.19	54.0	8.92	AV	279.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.000	38.57	-17.04	74.0	35.43	Peak	360.00	200	Vertical	Pass
1**	1622.000	29.47	-17.04	54.0	24.53	AV	360.00	200	Vertical	Pass
2	4255.250	47.31	-4.03	74.0	26.69	Peak	0.00	100	Vertical	Pass
2**	4255.250	38.88	-4.03	54.0	15.12	AV	0.00	100	Vertical	Pass
3	5267.500	93.65	-2.93	--	--	Peak	35.00	200	Vertical	N/A
3**	5267.500	85.94	-2.93	--	--	AV	35.00	200	Vertical	N/A
4	7706.250	53.32	1.54	74.0	20.68	Peak	0.00	100	Vertical	Pass
4**	7706.250	44.57	1.54	54.0	9.43	AV	0.00	100	Vertical	Pass
5	11802.849	52.91	-0.18	74.0	21.09	Peak	60.00	200	Vertical	Pass
5**	11802.849	43.38	-0.18	54.0	10.62	AV	60.00	200	Vertical	Pass
6	16117.349	54.64	1.89	74.0	19.36	Peak	54.00	400	Vertical	Pass
6**	16117.349	45.14	1.89	54.0	8.86	AV	54.00	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	1600.600	38.05	-17.05	74.0	35.95	Peak	73.00	100	Horizontal	Pass
1**	1600.600	28.84	-17.05	54.0	25.16	AV	73.00	100	Horizontal	Pass
2	4256.000	48.16	-4.07	74.0	25.84	Peak	344.00	100	Horizontal	Pass
2**	4256.000	38.43	-4.07	54.0	15.57	AV	344.00	100	Horizontal	Pass
3	5303.500	104.10	-2.82	--	--	Peak	144.00	100	Horizontal	N/A
3**	5303.500	96.41	-2.82	--	--	AV	144.00	100	Horizontal	N/A
4	7711.750	53.46	2.04	74.0	20.54	Peak	64.00	300	Horizontal	Pass
4**	7711.750	45.03	2.04	54.0	8.97	AV	64.00	300	Horizontal	Pass
5	12410.138	53.32	1.09	74.0	20.68	Peak	63.00	100	Horizontal	Pass
5**	12410.138	43.51	1.09	54.0	10.49	AV	63.00	100	Horizontal	Pass
6	15898.687	55.33	2.02	74.0	18.67	Peak	87.00	400	Horizontal	Pass
6**	15898.687	46.02	2.02	54.0	7.98	AV	87.00	400	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	1491.000	38.22	-17.23	74.0	35.78	Peak	15.00	200	Vertical	Pass
1**	1491.000	28.24	-17.23	54.0	25.76	AV	15.00	200	Vertical	Pass
2	4351.000	47.06	-4.59	74.0	26.94	Peak	0.00	100	Vertical	Pass
2**	4351.000	38.39	-4.59	54.0	15.61	AV	0.00	100	Vertical	Pass
3	5296.500	95.57	-2.81	--	--	Peak	360.00	150	Vertical	N/A
3**	5296.500	87.80	-2.81	--	--	AV	360.00	150	Vertical	N/A
4	7485.500	53.55	1.35	74.0	20.45	Peak	60.00	100	Vertical	Pass
4**	7485.500	43.27	1.35	54.0	10.73	AV	60.00	100	Vertical	Pass
5	10602.762	52.43	-1.84	74.0	21.57	Peak	0.00	150	Vertical	Pass
5**	10602.762	46.00	-1.84	54.0	8.00	AV	0.00	150	Vertical	Pass
6	15886.088	54.94	1.92	74.0	19.06	Peak	360.00	400	Vertical	Pass
6**	15886.088	45.15	1.92	54.0	8.85	AV	360.00	400	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	1616.400	38.60	-16.88	74.0	35.40	Peak	125.00	300	Horizontal	Pass
1**	1616.400	29.02	-16.88	54.0	24.98	AV	125.00	300	Horizontal	Pass
2	4390.250	48.23	-5.23	74.0	25.77	Peak	0.00	300	Horizontal	Pass
2**	4390.250	38.29	-5.23	54.0	15.71	AV	0.00	300	Horizontal	Pass
3	5326.750	105.58	-3.10	--	--	Peak	127.00	200	Horizontal	N/A
3**	5326.750	96.97	-3.10	--	--	AV	127.00	200	Horizontal	N/A
4	7427.750	53.88	1.31	74.0	20.12	Peak	248.00	100	Horizontal	Pass
4**	7427.750	43.56	1.31	54.0	10.44	AV	248.00	100	Horizontal	Pass
5	11788.125	53.11	-0.16	74.0	20.89	Peak	150.00	150	Horizontal	Pass
5**	11788.125	43.96	-0.16	54.0	10.04	AV	150.00	150	Horizontal	Pass
6	16013.924	54.80	1.21	74.0	19.20	Peak	293.00	100	Horizontal	Pass
6**	16013.924	43.88	1.21	54.0	10.12	AV	293.00	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	1502.800	38.61	-17.08	74.0	35.39	Peak	254.00	400	Vertical	Pass
1**	1502.800	28.97	-17.08	54.0	25.03	AV	254.00	400	Vertical	Pass
2	4292.000	47.41	-4.60	74.0	26.59	Peak	0.00	100	Vertical	Pass
2**	4292.000	37.96	-4.60	54.0	16.04	AV	0.00	100	Vertical	Pass
3	5326.500	97.56	-3.11	--	--	Peak	59.00	100	Vertical	N/A
3**	5326.500	88.64	-3.11	--	--	AV	59.00	100	Vertical	N/A
4	10640.287	51.78	-2.81	74.0	22.22	Peak	360.00	100	Vertical	Pass
4**	10640.287	46.96	-2.81	54.0	7.04	AV	360.00	100	Vertical	Pass
5	10645.037	53.20	-2.93	74.0	20.80	Peak	11.00	150	Vertical	Pass
5**	10645.037	45.76	-2.93	54.0	8.24	AV	11.00	150	Vertical	Pass
6	16064.062	54.84	1.28	74.0	19.16	Peak	108.00	100	Vertical	Pass
6**	16064.062	45.03	1.28	54.0	8.97	AV	108.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.900	38.47	-17.08	74.0	35.53	Peak	40.00	400	Horizontal	Pass
1**	1559.900	28.62	-17.08	54.0	25.38	AV	40.00	400	Horizontal	Pass
2	4254.000	47.06	-4.29	74.0	26.94	Peak	183.00	300	Horizontal	Pass
2**	4254.000	37.45	-4.29	54.0	16.55	AV	183.00	300	Horizontal	Pass
3	5253.750	98.46	-2.87	--	--	Peak	144.00	200	Horizontal	N/A
3**	5253.750	90.20	-2.87	--	--	AV	144.00	200	Horizontal	N/A
4	7717.000	53.66	1.14	74.0	20.34	Peak	0.00	300	Horizontal	Pass
4**	7717.000	44.37	1.14	54.0	9.63	AV	0.00	300	Horizontal	Pass
5	12397.550	53.33	1.09	74.0	20.67	Peak	115.00	150	Horizontal	Pass
5**	12397.550	42.97	1.09	54.0	11.03	AV	115.00	150	Horizontal	Pass
6	16089.000	55.02	1.61	74.0	18.98	Peak	98.00	300	Horizontal	Pass
6**	16089.000	45.52	1.61	54.0	8.48	AV	98.00	300	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	1443.100	38.22	-16.86	74.0	35.78	Peak	255.00	300	Vertical	Pass
1**	1443.100	29.21	-16.86	54.0	24.79	AV	255.00	300	Vertical	Pass
2	4238.500	46.73	-4.98	74.0	27.27	Peak	6.00	400	Vertical	Pass
2**	4238.500	38.26	-4.98	54.0	15.74	AV	6.00	400	Vertical	Pass
3	5287.000	89.91	-2.93	--	--	Peak	0.00	100	Vertical	N/A
3**	5287.000	82.08	-2.93	--	--	AV	0.00	100	Vertical	N/A
4	7584.500	53.11	0.89	74.0	20.89	Peak	164.00	200	Vertical	Pass
4**	7584.500	43.31	0.89	54.0	10.69	AV	164.00	200	Vertical	Pass
5	12448.375	52.88	1.04	74.0	21.12	Peak	360.00	200	Vertical	Pass
5**	12448.375	42.51	1.04	54.0	11.49	AV	360.00	200	Vertical	Pass
6	16054.088	54.74	1.14	74.0	19.26	Peak	89.00	300	Vertical	Pass
6**	16054.088	44.78	1.14	54.0	9.22	AV	89.00	300	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	1512.400	39.58	-16.38	74.0	34.42	Peak	0.00	200	Horizontal	Pass
1**	1512.400	29.39	-16.38	54.0	24.61	AV	0.00	200	Horizontal	Pass
2	4305.250	47.10	-5.12	74.0	26.90	Peak	95.00	300	Horizontal	Pass
2**	4305.250	38.59	-5.12	54.0	15.41	AV	95.00	300	Horizontal	Pass
3	5320.750	103.08	-2.93	--	--	Peak	141.00	200	Horizontal	N/A
3**	5320.750	94.35	-2.93	--	--	AV	141.00	200	Horizontal	N/A
4	7424.250	53.06	1.07	74.0	20.94	Peak	319.00	400	Horizontal	Pass
4**	7424.250	43.75	1.07	54.0	10.25	AV	319.00	400	Horizontal	Pass
5	12257.662	52.73	1.02	74.0	21.27	Peak	211.00	100	Horizontal	Pass
5**	12257.662	44.02	1.02	54.0	9.98	AV	211.00	100	Horizontal	Pass
6	16119.975	54.82	1.91	74.0	19.18	Peak	152.00	400	Horizontal	Pass
6**	16119.975	45.49	1.91	54.0	8.51	AV	152.00	400	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	1467.300	39.03	-17.27	74.0	34.97	Peak	353.00	100	Vertical	Pass
1**	1467.300	28.40	-17.27	54.0	25.60	AV	353.00	100	Vertical	Pass
2	4186.250	47.08	-5.28	74.0	26.92	Peak	0.00	300	Vertical	Pass
2**	4186.250	37.41	-5.28	54.0	16.59	AV	0.00	300	Vertical	Pass
3	5325.750	94.90	-3.01	--	--	Peak	67.00	100	Vertical	N/A
3**	5325.750	86.11	-3.01	--	--	AV	67.00	100	Vertical	N/A
4	7710.750	53.37	1.87	74.0	20.63	Peak	44.00	100	Vertical	Pass
4**	7710.750	44.81	1.87	54.0	9.19	AV	44.00	100	Vertical	Pass
5	11771.975	52.79	-0.17	74.0	21.21	Peak	286.00	200	Vertical	Pass
5**	11771.975	43.58	-0.17	54.0	10.42	AV	286.00	200	Vertical	Pass
6	15907.088	54.54	1.90	74.0	19.46	Peak	360.00	200	Vertical	Pass
6**	15907.088	45.65	1.90	54.0	8.35	AV	360.00	200	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	1463.300	38.67	-17.16	74.0	35.33	Peak	14.00	100	Horizontal	Pass
1**	1463.300	28.53	-17.16	54.0	25.47	AV	14.00	100	Horizontal	Pass
2	4165.750	47.11	-5.35	74.0	26.89	Peak	98.00	200	Horizontal	Pass
2**	4165.750	38.44	-5.35	54.0	15.56	AV	98.00	200	Horizontal	Pass
3	5266.000	100.18	-2.90	--	--	Peak	139.00	150	Horizontal	N/A
3**	5266.000	91.17	-2.90	--	--	AV	139.00	150	Horizontal	N/A
4	7708.750	54.15	1.82	74.0	19.85	Peak	200.00	400	Horizontal	Pass
4**	7708.750	44.98	1.82	54.0	9.02	AV	200.00	400	Horizontal	Pass
5	11754.637	53.12	-0.19	74.0	20.88	Peak	194.00	100	Horizontal	Pass
5**	11754.637	43.50	-0.19	54.0	10.50	AV	194.00	100	Horizontal	Pass
6	16090.313	54.87	1.62	74.0	19.13	Peak	190.00	200	Horizontal	Pass
6**	16090.313	45.97	1.62	54.0	8.03	AV	190.00	200	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	1484.600	38.50	-16.91	74.0	35.50	Peak	330.00	100	Vertical	Pass
1**	1484.600	29.48	-16.91	54.0	24.52	AV	330.00	100	Vertical	Pass
2	4289.250	47.35	-4.41	74.0	26.65	Peak	343.00	100	Vertical	Pass
2**	4289.250	37.84	-4.41	54.0	16.16	AV	343.00	100	Vertical	Pass
3	5263.000	91.47	-3.02	--	--	Peak	32.00	200	Vertical	N/A
3**	5263.000	83.57	-3.02	--	--	AV	32.00	200	Vertical	N/A
4	7728.250	53.94	0.49	74.0	20.06	Peak	188.00	100	Vertical	Pass
4**	7728.250	43.25	0.49	54.0	10.75	AV	188.00	100	Vertical	Pass
5	12215.151	52.88	0.62	74.0	21.12	Peak	291.00	150	Vertical	Pass
5**	12215.151	43.12	0.62	54.0	10.88	AV	291.00	150	Vertical	Pass
6	16128.638	54.81	1.98	74.0	19.19	Peak	120.00	200	Vertical	Pass
6**	16128.638	45.95	1.98	54.0	8.05	AV	120.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.000	39.07	-17.21	74.0	34.93	Peak	13.00	400	Horizontal	Pass
1**	1609.000	29.77	-17.21	54.0	24.23	AV	13.00	400	Horizontal	Pass
2	4258.000	47.51	-4.28	74.0	26.49	Peak	0.00	100	Horizontal	Pass
2**	4258.000	37.96	-4.28	54.0	16.04	AV	0.00	100	Horizontal	Pass
3	5305.000	101.99	-2.89	--	--	Peak	141.00	100	Horizontal	N/A
3**	5305.000	94.61	-2.89	--	--	AV	141.00	100	Horizontal	N/A
4	7713.500	53.19	1.71	74.0	20.81	Peak	181.00	200	Horizontal	Pass
4**	7713.500	44.68	1.71	54.0	9.32	AV	181.00	200	Horizontal	Pass
5	11790.262	52.99	-0.15	74.0	21.01	Peak	118.00	150	Horizontal	Pass
5**	11790.262	43.22	-0.15	54.0	10.78	AV	118.00	150	Horizontal	Pass
6	16096.349	54.79	1.70	74.0	19.21	Peak	303.00	400	Horizontal	Pass
6**	16096.349	45.15	1.70	54.0	8.85	AV	303.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	38.93	-17.25	74.0	35.07	Peak	0.00	100	Vertical	Pass
1**	1540.700	29.83	-17.25	54.0	24.17	AV	0.00	100	Vertical	Pass
2	4306.750	47.24	-5.27	74.0	26.76	Peak	112.00	300	Vertical	Pass
2**	4306.750	37.64	-5.27	54.0	16.36	AV	112.00	300	Vertical	Pass
3	5302.250	93.96	-2.81	--	--	Peak	59.00	100	Vertical	N/A
3**	5302.250	86.63	-2.81	--	--	AV	59.00	100	Vertical	N/A
4	10600.150	53.29	-1.77	74.0	20.71	Peak	357.00	200	Vertical	Pass
4**	10600.150	46.82	-1.77	54.0	7.18	AV	357.00	200	Vertical	Pass
5	10600.388	51.53	-1.78	74.0	22.47	Peak	357.00	200	Vertical	Pass
5**	10600.388	48.00	-1.78	54.0	6.00	AV	357.00	200	Vertical	Pass
6	15650.888	55.69	2.13	74.0	18.31	Peak	119.00	400	Vertical	Pass
6**	15650.888	45.10	2.13	54.0	8.90	AV	119.00	400	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	1576.200	38.83	-16.81	74.0	35.17	Peak	293.00	100	Horizontal	Pass
1**	1576.200	28.76	-16.81	54.0	25.24	AV	293.00	100	Horizontal	Pass
2	4280.250	46.87	-4.62	74.0	27.13	Peak	360.00	400	Horizontal	Pass
2**	4280.250	37.98	-4.62	54.0	16.02	AV	360.00	400	Horizontal	Pass
3	5327.000	103.62	-3.07	--	--	Peak	127.00	150	Horizontal	N/A
3**	5327.000	95.31	-3.07	--	--	AV	127.00	150	Horizontal	N/A
4	7647.750	53.11	0.86	74.0	20.89	Peak	270.00	200	Horizontal	Pass
4**	7647.750	43.16	0.86	54.0	10.84	AV	270.00	200	Horizontal	Pass
5	12223.225	53.04	0.73	74.0	20.96	Peak	183.00	150	Horizontal	Pass
5**	12223.225	43.24	0.73	54.0	10.76	AV	183.00	150	Horizontal	Pass
6	16091.362	54.66	1.64	74.0	19.34	Peak	122.00	200	Horizontal	Pass
6**	16091.362	45.36	1.64	54.0	8.64	AV	122.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	38.49	-17.23	74.0	35.51	Peak	0.00	200	Vertical	Pass
1**	1501.700	28.60	-17.23	54.0	25.40	AV	0.00	200	Vertical	Pass
2	4276.000	47.05	-4.94	74.0	26.95	Peak	195.00	200	Vertical	Pass
2**	4276.000	37.80	-4.94	54.0	16.20	AV	195.00	200	Vertical	Pass
3	5317.250	94.17	-2.75	--	--	Peak	49.00	200	Vertical	N/A
3**	5317.250	88.18	-2.75	--	--	AV	49.00	200	Vertical	N/A
4	10640.525	50.66	-2.81	74.0	23.34	Peak	360.00	200	Vertical	Pass
4**	10640.525	45.97	-2.81	54.0	8.03	AV	360.00	200	Vertical	Pass
5	12377.600	53.01	0.99	74.0	20.99	Peak	350.00	200	Vertical	Pass
5**	12377.600	43.69	0.99	54.0	10.31	AV	350.00	200	Vertical	Pass
6	16106.588	55.34	1.80	74.0	18.66	Peak	0.00	300	Vertical	Pass
6**	16106.588	45.81	1.80	54.0	8.19	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.800	38.36	-16.90	74.0	35.64	Peak	263.00	100	Horizontal	Pass
1**	1582.800	28.76	-16.90	54.0	25.24	AV	263.00	100	Horizontal	Pass
2	4258.750	47.39	-4.36	74.0	26.61	Peak	161.00	100	Horizontal	Pass
2**	4258.750	38.62	-4.36	54.0	15.38	AV	161.00	100	Horizontal	Pass
3	5286.500	97.95	-2.89	--	--	Peak	141.00	200	Horizontal	N/A
3**	5286.500	90.66	-2.89	--	--	AV	141.00	200	Horizontal	N/A
4	7418.500	53.50	1.01	74.0	20.50	Peak	80.00	400	Horizontal	Pass
4**	7418.500	43.84	1.01	54.0	10.16	AV	80.00	400	Horizontal	Pass
5	11800.001	53.40	-0.15	74.0	20.60	Peak	298.00	150	Horizontal	Pass
5**	11800.001	44.29	-0.15	54.0	9.71	AV	298.00	150	Horizontal	Pass
6	15912.337	55.46	1.81	74.0	18.54	Peak	266.00	400	Horizontal	Pass
6**	15912.337	46.42	1.81	54.0	7.58	AV	266.00	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	1603.500	38.66	-16.89	74.0	35.34	Peak	106.00	100	Vertical	Pass
1**	1603.500	29.35	-16.89	54.0	24.65	AV	106.00	100	Vertical	Pass
2	4255.750	47.13	-3.94	74.0	26.87	Peak	118.00	200	Vertical	Pass
2**	4255.750	37.71	-3.94	54.0	16.29	AV	118.00	200	Vertical	Pass
3	5268.000	89.19	-2.68	--	--	Peak	159.00	200	Vertical	N/A
3**	5268.000	81.06	-2.68	--	--	AV	159.00	200	Vertical	N/A
4	7704.500	53.05	1.93	74.0	20.95	Peak	200.00	200	Vertical	Pass
4**	7704.500	45.16	1.93	54.0	8.84	AV	200.00	200	Vertical	Pass
5	12512.263	53.14	1.37	74.0	20.86	Peak	255.00	200	Vertical	Pass
5**	12512.263	43.32	1.37	54.0	10.68	AV	255.00	200	Vertical	Pass
6	16121.550	55.35	1.92	74.0	18.65	Peak	273.00	300	Vertical	Pass
6**	16121.550	45.16	1.92	54.0	8.84	AV	273.00	300	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	1530.800	38.83	-16.97	74.0	35.17	Peak	121.00	300	Horizontal	Pass
1**	1530.800	28.98	-16.97	54.0	25.02	AV	121.00	300	Horizontal	Pass
2	4225.250	47.35	-5.12	74.0	26.65	Peak	360.00	400	Horizontal	Pass
2**	4225.250	37.97	-5.12	54.0	16.03	AV	360.00	400	Horizontal	Pass
3	5322.500	102.45	-3.06	--	--	Peak	139.00	150	Horizontal	N/A
3**	5322.500	94.49	-3.06	--	--	AV	139.00	150	Horizontal	N/A
4	7702.250	54.01	1.52	74.0	19.99	Peak	95.00	200	Horizontal	Pass
4**	7702.250	45.36	1.52	54.0	8.64	AV	95.00	200	Horizontal	Pass
5	12529.362	52.95	1.27	74.0	21.05	Peak	181.00	100	Horizontal	Pass
5**	12529.362	43.69	1.27	54.0	10.31	AV	181.00	100	Horizontal	Pass
6	16035.188	54.72	1.14	74.0	19.28	Peak	251.00	400	Horizontal	Pass
6**	16035.188	44.60	1.14	54.0	9.40	AV	251.00	400	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	1447.800	38.81	-16.73	74.0	35.19	Peak	360.00	200	Vertical	Pass
1**	1447.800	29.90	-16.73	54.0	24.10	AV	360.00	200	Vertical	Pass
2	4341.750	46.82	-4.74	74.0	27.18	Peak	304.00	400	Vertical	Pass
2**	4341.750	37.81	-4.74	54.0	16.19	AV	304.00	400	Vertical	Pass
3	5316.500	94.49	-2.91	--	--	Peak	59.00	150	Vertical	N/A
3**	5316.500	86.14	-2.91	--	--	AV	59.00	150	Vertical	N/A
4	7709.250	53.66	1.90	74.0	20.34	Peak	120.00	400	Vertical	Pass
4**	7709.250	44.48	1.90	54.0	9.52	AV	120.00	400	Vertical	Pass
5	11768.887	53.72	-0.18	74.0	20.28	Peak	165.00	100	Vertical	Pass
5**	11768.887	43.29	-0.18	54.0	10.71	AV	165.00	100	Vertical	Pass
6	15645.375	54.81	2.03	74.0	19.19	Peak	304.00	200	Vertical	Pass
6**	15645.375	44.85	2.03	54.0	9.15	AV	304.00	200	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	1611.700	38.97	-16.87	74.0	35.03	Peak	254.00	400	Horizontal	Pass
1**	1611.700	29.97	-16.87	54.0	24.03	AV	254.00	400	Horizontal	Pass
2	4323.250	47.46	-4.71	74.0	26.54	Peak	342.00	400	Horizontal	Pass
2**	4323.250	38.15	-4.71	54.0	15.85	AV	342.00	400	Horizontal	Pass
3	5308.250	97.21	-3.20	--	--	Peak	157.00	150	Horizontal	N/A
3**	5308.250	88.79	-3.20	--	--	AV	157.00	150	Horizontal	N/A
4	7424.000	53.22	0.98	74.0	20.78	Peak	41.00	300	Horizontal	Pass
4**	7424.000	43.57	0.98	54.0	10.43	AV	41.00	300	Horizontal	Pass
5	12520.813	53.54	1.32	74.0	20.46	Peak	115.00	150	Horizontal	Pass
5**	12520.813	44.00	1.32	54.0	10.00	AV	115.00	150	Horizontal	Pass
6	16107.375	55.07	1.81	74.0	18.93	Peak	116.00	200	Horizontal	Pass
6**	16107.375	45.91	1.81	54.0	8.09	AV	116.00	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	1463.700	38.15	-17.21	74.0	35.85	Peak	177.00	200	Vertical	Pass
1**	1463.700	28.91	-17.21	54.0	25.09	AV	177.00	200	Vertical	Pass
2	4322.500	47.40	-5.07	74.0	26.60	Peak	57.00	200	Vertical	Pass
2**	4322.500	38.11	-5.07	54.0	15.89	AV	57.00	200	Vertical	Pass
3	5311.250	88.68	-3.30	--	--	Peak	77.00	100	Vertical	N/A
3**	5311.250	80.82	-3.30	--	--	AV	77.00	100	Vertical	N/A
4	7697.000	53.71	1.00	74.0	20.29	Peak	360.00	300	Vertical	Pass
4**	7697.000	44.52	1.00	54.0	9.48	AV	360.00	300	Vertical	Pass
5	11813.775	52.96	-0.30	74.0	21.04	Peak	23.00	150	Vertical	Pass
5**	11813.775	43.64	-0.30	54.0	10.36	AV	23.00	150	Vertical	Pass
6	16089.787	54.79	1.62	74.0	19.21	Peak	0.00	300	Vertical	Pass
6**	16089.787	46.80	1.62	54.0	7.20	AV	0.00	300	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	1594.000	38.65	-16.87	74.0	35.35	Peak	11.00	100	Horizontal	Pass
1**	1594.000	29.00	-16.87	54.0	25.00	AV	11.00	100	Horizontal	Pass
2	4129.000	47.18	-5.32	74.0	26.82	Peak	63.00	100	Horizontal	Pass
2**	4129.000	37.02	-5.32	54.0	16.98	AV	63.00	100	Horizontal	Pass
3	5493.500	107.53	-2.24	--	--	Peak	177.00	200	Horizontal	N/A
3**	5493.500	99.35	-2.24	--	--	AV	177.00	200	Horizontal	N/A
4	7705.750	53.38	1.53	74.0	20.62	Peak	155.00	300	Horizontal	Pass
4**	7705.750	44.87	1.53	54.0	9.13	AV	155.00	300	Horizontal	Pass
5	11770.550	53.14	-0.18	74.0	20.86	Peak	360.00	100	Horizontal	Pass
5**	11770.550	43.49	-0.18	54.0	10.51	AV	360.00	100	Horizontal	Pass
6	16120.237	54.67	1.91	74.0	19.33	Peak	116.00	200	Horizontal	Pass
6**	16120.237	45.67	1.91	54.0	8.33	AV	116.00	200	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	1514.300	38.42	-17.03	74.0	35.58	Peak	122.00	400	Vertical	Pass
1**	1514.300	29.00	-17.03	54.0	25.00	AV	122.00	400	Vertical	Pass
2	4251.000	47.61	-4.04	74.0	26.39	Peak	217.00	400	Vertical	Pass
2**	4251.000	38.16	-4.04	54.0	15.84	AV	217.00	400	Vertical	Pass
3	5492.000	98.67	-2.15	--	--	Peak	76.00	150	Vertical	N/A
3**	5492.000	91.94	-2.15	--	--	AV	76.00	150	Vertical	N/A
4	7711.500	53.83	1.98	74.0	20.17	Peak	76.00	300	Vertical	Pass
4**	7711.500	45.06	1.98	54.0	8.94	AV	76.00	300	Vertical	Pass
5	12474.974	53.12	1.24	74.0	20.88	Peak	139.00	100	Vertical	Pass
5**	12474.974	42.89	1.24	54.0	11.11	AV	139.00	100	Vertical	Pass
6	16072.988	55.34	1.39	74.0	18.66	Peak	342.00	400	Vertical	Pass
6**	16072.988	45.35	1.39	54.0	8.65	AV	342.00	400	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	1620.100	38.19	-16.87	74.0	35.81	Peak	266.00	300	Horizontal	Pass
1**	1620.100	29.53	-16.87	54.0	24.47	AV	266.00	300	Horizontal	Pass
2	4250.250	47.33	-4.21	74.0	26.67	Peak	249.00	100	Horizontal	Pass
2**	4250.250	37.64	-4.21	54.0	16.36	AV	249.00	100	Horizontal	Pass
3	5581.250	104.15	-1.94	--	--	Peak	163.00	150	Horizontal	N/A
3**	5581.250	95.56	-1.94	--	--	AV	163.00	150	Horizontal	N/A
4	7705.000	53.30	2.03	74.0	20.70	Peak	185.00	200	Horizontal	Pass
4**	7705.000	45.67	2.03	54.0	8.33	AV	185.00	200	Horizontal	Pass
5	12004.487	53.34	0.41	74.0	20.66	Peak	118.00	150	Horizontal	Pass
5**	12004.487	43.41	0.41	54.0	10.59	AV	118.00	150	Horizontal	Pass
6	15650.625	55.22	2.14	74.0	18.78	Peak	89.00	400	Horizontal	Pass
6**	15650.625	45.40	2.14	54.0	8.60	AV	89.00	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	1578.200	39.58	-17.05	74.0	34.42	Peak	360.00	300	Vertical	Pass
1**	1578.200	28.83	-17.05	54.0	25.17	AV	360.00	300	Vertical	Pass
2	4196.000	47.12	-5.61	74.0	26.88	Peak	285.00	300	Vertical	Pass
2**	4196.000	37.35	-5.61	54.0	16.65	AV	285.00	300	Vertical	Pass
3	5576.500	95.89	-2.08	--	--	Peak	108.00	200	Vertical	N/A
3**	5576.500	88.67	-2.08	--	--	AV	108.00	200	Vertical	N/A
4	7699.500	53.22	1.09	74.0	20.78	Peak	0.00	300	Vertical	Pass
4**	7699.500	44.18	1.09	54.0	9.82	AV	0.00	300	Vertical	Pass
5	11752.974	53.07	-0.19	74.0	20.93	Peak	354.00	200	Vertical	Pass
5**	11752.974	42.81	-0.19	54.0	11.19	AV	354.00	200	Vertical	Pass
6	16084.275	55.19	1.54	74.0	18.81	Peak	81.00	100	Vertical	Pass
6**	16084.275	46.04	1.54	54.0	7.96	AV	81.00	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	1601.800	38.69	-16.87	74.0	35.31	Peak	21.00	200	Horizontal	Pass
1**	1601.800	28.96	-16.87	54.0	25.04	AV	21.00	200	Horizontal	Pass
2	4092.000	47.35	-5.89	74.0	26.65	Peak	322.00	200	Horizontal	Pass
2**	4092.000	37.37	-5.89	54.0	16.63	AV	322.00	200	Horizontal	Pass
3	5693.000	103.21	-2.52	--	--	Peak	161.00	150	Horizontal	N/A
3**	5693.000	95.27	-2.52	--	--	AV	161.00	150	Horizontal	N/A
4	7704.750	53.36	2.00	74.0	20.64	Peak	220.00	300	Horizontal	Pass
4**	7704.750	45.52	2.00	54.0	8.48	AV	220.00	300	Horizontal	Pass
5	12266.450	52.78	0.92	74.0	21.22	Peak	261.00	100	Horizontal	Pass
5**	12266.450	43.45	0.92	54.0	10.55	AV	261.00	100	Horizontal	Pass
6	16097.138	54.82	1.71	74.0	19.18	Peak	50.00	100	Horizontal	Pass
6**	16097.138	46.44	1.71	54.0	7.56	AV	50.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.900	38.42	-16.96	74.0	35.58	Peak	135.00	100	Vertical	Pass
1**	1504.900	28.69	-16.96	54.0	25.31	AV	135.00	100	Vertical	Pass
2	4251.000	47.51	-4.04	74.0	26.49	Peak	344.00	100	Vertical	Pass
2**	4251.000	38.86	-4.04	54.0	15.14	AV	344.00	100	Vertical	Pass
3	5693.500	96.47	-2.34	--	--	Peak	77.00	100	Vertical	N/A
3**	5693.500	89.16	-2.34	--	--	AV	77.00	100	Vertical	N/A
4	7709.500	54.08	1.88	74.0	19.92	Peak	262.00	300	Vertical	Pass
4**	7709.500	44.28	1.88	54.0	9.72	AV	262.00	300	Vertical	Pass
5	12246.500	53.27	1.05	74.0	20.73	Peak	332.00	150	Vertical	Pass
5**	12246.500	44.17	1.05	54.0	9.83	AV	332.00	150	Vertical	Pass
6	16099.237	54.99	1.74	74.0	19.01	Peak	4.00	200	Vertical	Pass
6**	16099.237	45.02	1.74	54.0	8.98	AV	4.00	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	1609.400	38.44	-16.92	74.0	35.56	Peak	9.00	100	Horizontal	Pass
1**	1609.400	29.00	-16.92	54.0	25.00	AV	9.00	100	Horizontal	Pass
2	4350.500	47.44	-4.54	74.0	26.56	Peak	273.00	300	Horizontal	Pass
2**	4350.500	38.00	-4.54	54.0	16.00	AV	273.00	300	Horizontal	Pass
3	5493.000	106.52	-2.29	--	--	Peak	171.00	150	Horizontal	N/A
3**	5493.000	98.93	-2.29	--	--	AV	171.00	150	Horizontal	N/A
4	7705.000	53.76	2.03	74.0	20.24	Peak	294.00	300	Horizontal	Pass
4**	7705.000	44.50	2.03	54.0	9.50	AV	294.00	300	Horizontal	Pass
5	12260.037	52.67	0.99	74.0	21.33	Peak	31.00	200	Horizontal	Pass
5**	12260.037	43.99	0.99	54.0	10.01	AV	31.00	200	Horizontal	Pass
6	16117.613	54.93	1.89	74.0	19.07	Peak	195.00	400	Horizontal	Pass
6**	16117.613	45.35	1.89	54.0	8.65	AV	195.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.500	38.22	-17.22	74.0	35.78	Peak	360.00	100	Vertical	Pass
1**	1474.500	28.57	-17.22	54.0	25.43	AV	360.00	100	Vertical	Pass
2	4309.500	47.06	-5.05	74.0	26.94	Peak	259.00	100	Vertical	Pass
2**	4309.500	37.85	-5.05	54.0	16.15	AV	259.00	100	Vertical	Pass
3	5496.250	98.64	-2.43	--	--	Peak	87.00	200	Vertical	N/A
3**	5496.250	92.86	-2.43	--	--	AV	87.00	200	Vertical	N/A
4	7711.250	53.75	1.79	74.0	20.25	Peak	0.00	400	Vertical	Pass
4**	7711.250	44.83	1.79	54.0	9.17	AV	0.00	400	Vertical	Pass
5	11728.513	53.11	-0.33	74.0	20.89	Peak	35.00	150	Vertical	Pass
5**	11728.513	42.70	-0.33	54.0	11.30	AV	35.00	150	Vertical	Pass
6	16104.225	54.72	1.78	74.0	19.28	Peak	99.00	400	Vertical	Pass
6**	16104.225	45.70	1.78	54.0	8.30	AV	99.00	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	1611.300	39.10	-16.97	74.0	34.90	Peak	63.00	100	Horizontal	Pass
1**	1611.300	29.58	-16.97	54.0	24.42	AV	63.00	100	Horizontal	Pass
2	4158.250	47.74	-5.42	74.0	26.26	Peak	60.00	300	Horizontal	Pass
2**	4158.250	37.62	-5.42	54.0	16.38	AV	60.00	300	Horizontal	Pass
3	5573.250	103.78	-2.45	--	--	Peak	171.00	150	Horizontal	N/A
3**	5573.250	96.66	-2.45	--	--	AV	171.00	150	Horizontal	N/A
4	7412.250	54.05	0.55	74.0	19.95	Peak	105.00	300	Horizontal	Pass
4**	7412.250	43.85	0.55	54.0	10.15	AV	105.00	300	Horizontal	Pass
5	12262.412	52.83	0.97	74.0	21.17	Peak	201.00	150	Horizontal	Pass
5**	12262.412	44.03	0.97	54.0	9.97	AV	201.00	150	Horizontal	Pass
6	15935.963	54.82	1.40	74.0	19.18	Peak	74.00	200	Horizontal	Pass
6**	15935.963	44.87	1.40	54.0	9.13	AV	74.00	200	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	1494.200	38.46	-17.16	74.0	35.54	Peak	70.00	200	Vertical	Pass
1**	1494.200	28.62	-17.16	54.0	25.38	AV	70.00	200	Vertical	Pass
2	4322.000	47.01	-4.94	74.0	26.99	Peak	234.00	200	Vertical	Pass
2**	4322.000	38.21	-4.94	54.0	15.79	AV	234.00	200	Vertical	Pass
3	5572.500	97.17	-2.45	--	--	Peak	76.00	150	Vertical	N/A
3**	5572.500	89.82	-2.45	--	--	AV	76.00	150	Vertical	N/A
4	7430.500	53.33	1.18	74.0	20.67	Peak	316.00	200	Vertical	Pass
4**	7430.500	43.55	1.18	54.0	10.45	AV	316.00	200	Vertical	Pass
5	12378.313	53.26	0.99	74.0	20.74	Peak	167.00	100	Vertical	Pass
5**	12378.313	43.51	0.99	54.0	10.49	AV	167.00	100	Vertical	Pass
6	16103.700	55.29	1.78	74.0	18.71	Peak	64.00	300	Vertical	Pass
6**	16103.700	46.46	1.78	54.0	7.54	AV	64.00	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	1496.700	38.71	-16.85	74.0	35.29	Peak	47.00	400	Horizontal	Pass
1**	1496.700	29.13	-16.85	54.0	24.87	AV	47.00	400	Horizontal	Pass
2	4285.750	47.39	-4.37	74.0	26.61	Peak	137.00	100	Horizontal	Pass
2**	4285.750	39.16	-4.37	54.0	14.84	AV	137.00	100	Horizontal	Pass
3	5695.250	102.83	-2.17	--	--	Peak	178.00	200	Horizontal	N/A
3**	5695.250	95.02	-2.17	--	--	AV	178.00	200	Horizontal	N/A
4	7443.500	53.44	0.68	74.0	20.56	Peak	36.00	100	Horizontal	Pass
4**	7443.500	44.08	0.68	54.0	9.92	AV	36.00	100	Horizontal	Pass
5	12390.425	53.18	1.06	74.0	20.82	Peak	123.00	100	Horizontal	Pass
5**	12390.425	43.30	1.06	54.0	10.70	AV	123.00	100	Horizontal	Pass
6	16094.513	54.61	1.68	74.0	19.39	Peak	6.00	300	Horizontal	Pass
6**	16094.513	45.08	1.68	54.0	8.92	AV	6.00	300	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	1512.200	38.68	-16.45	74.0	35.32	Peak	360.00	300	Vertical	Pass
1**	1512.200	29.30	-16.45	54.0	24.70	AV	360.00	300	Vertical	Pass
2	4304.500	46.95	-5.19	74.0	27.05	Peak	222.00	200	Vertical	Pass
2**	4304.500	38.09	-5.19	54.0	15.91	AV	222.00	200	Vertical	Pass
3	5694.250	96.08	-2.17	--	--	Peak	79.00	150	Vertical	N/A
3**	5694.250	88.94	-2.17	--	--	AV	79.00	150	Vertical	N/A
4	7707.250	53.43	1.56	74.0	20.57	Peak	242.00	300	Vertical	Pass
4**	7707.250	43.70	1.56	54.0	10.30	AV	242.00	300	Vertical	Pass
5	12420.112	52.85	1.08	74.0	21.15	Peak	35.00	100	Vertical	Pass
5**	12420.112	43.28	1.08	54.0	10.72	AV	35.00	100	Vertical	Pass
6	16132.050	55.08	2.01	74.0	18.92	Peak	164.00	400	Vertical	Pass
6**	16132.050	45.69	2.01	54.0	8.31	AV	164.00	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	1571.400	38.73	-17.06	74.0	35.27	Peak	360.00	300	Horizontal	Pass
1**	1571.400	29.87	-17.06	54.0	24.13	AV	360.00	300	Horizontal	Pass
2	4323.250	47.28	-4.71	74.0	26.72	Peak	155.00	300	Horizontal	Pass
2**	4323.250	38.48	-4.71	54.0	15.52	AV	155.00	300	Horizontal	Pass
3	5497.500	102.83	-2.69	--	--	Peak	155.00	100	Horizontal	N/A
3**	5497.500	94.79	-2.69	--	--	AV	155.00	100	Horizontal	N/A
4	7708.000	53.55	1.69	74.0	20.45	Peak	276.00	300	Horizontal	Pass
4**	7708.000	44.59	1.69	54.0	9.41	AV	276.00	300	Horizontal	Pass
5	12269.537	52.88	0.89	74.0	21.12	Peak	82.00	200	Horizontal	Pass
5**	12269.537	43.09	0.89	54.0	10.91	AV	82.00	200	Horizontal	Pass
6	15892.912	54.69	1.97	74.0	19.31	Peak	226.00	200	Horizontal	Pass
6**	15892.912	45.62	1.97	54.0	8.38	AV	226.00	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	1512.600	38.44	-16.67	74.0	35.56	Peak	63.00	200	Vertical	Pass
1**	1512.600	29.23	-16.67	54.0	24.77	AV	63.00	200	Vertical	Pass
2	4179.500	47.15	-5.21	74.0	26.85	Peak	35.00	400	Vertical	Pass
2**	4179.500	38.63	-5.21	54.0	15.37	AV	35.00	400	Vertical	Pass
3	5492.750	94.83	-2.35	--	--	Peak	75.00	200	Vertical	N/A
3**	5492.750	86.65	-2.35	--	--	AV	75.00	200	Vertical	N/A
4	7709.250	53.49	1.90	74.0	20.51	Peak	75.00	100	Vertical	Pass
4**	7709.250	46.03	1.90	54.0	7.97	AV	75.00	100	Vertical	Pass
5	12217.050	52.84	0.64	74.0	21.16	Peak	358.00	200	Vertical	Pass
5**	12217.050	42.84	0.64	54.0	11.16	AV	358.00	200	Vertical	Pass
6	16079.549	54.74	1.48	74.0	19.26	Peak	279.00	300	Vertical	Pass
6**	16079.549	46.21	1.48	54.0	7.79	AV	279.00	300	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	1530.900	38.55	-16.87	74.0	35.45	Peak	275.00	100	Horizontal	Pass
1**	1530.900	29.09	-16.87	54.0	24.91	AV	275.00	100	Horizontal	Pass
2	4372.500	47.79	-5.44	74.0	26.21	Peak	57.00	400	Horizontal	Pass
2**	4372.500	36.73	-5.44	54.0	17.27	AV	57.00	400	Horizontal	Pass
3	5572.750	100.39	-2.44	--	--	Peak	160.00	100	Horizontal	N/A
3**	5572.750	92.45	-2.44	--	--	AV	160.00	100	Horizontal	N/A
4	7691.000	53.92	0.92	74.0	20.08	Peak	325.00	300	Horizontal	Pass
4**	7691.000	44.18	0.92	54.0	9.82	AV	325.00	300	Horizontal	Pass
5	12261.701	53.26	0.98	74.0	20.74	Peak	278.00	200	Horizontal	Pass
5**	12261.701	43.63	0.98	54.0	10.37	AV	278.00	200	Horizontal	Pass
6	16059.076	55.18	1.21	74.0	18.82	Peak	2.00	200	Horizontal	Pass
6**	16059.076	45.23	1.21	54.0	8.77	AV	2.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.100	38.22	-17.19	74.0	35.78	Peak	176.00	400	Vertical	Pass
1**	1492.100	29.25	-17.19	54.0	24.75	AV	176.00	400	Vertical	Pass
2	4129.750	47.58	-5.54	74.0	26.42	Peak	115.00	300	Vertical	Pass
2**	4129.750	37.69	-5.54	54.0	16.31	AV	115.00	300	Vertical	Pass
3	5605.500	92.56	-2.46	--	--	Peak	76.00	150	Vertical	N/A
3**	5605.500	84.62	-2.46	--	--	AV	76.00	150	Vertical	N/A
4	7604.250	53.66	0.71	74.0	20.34	Peak	35.00	200	Vertical	Pass
4**	7604.250	44.13	0.71	54.0	9.87	AV	35.00	200	Vertical	Pass
5	11714.500	53.49	-0.42	74.0	20.51	Peak	251.00	200	Vertical	Pass
5**	11714.500	43.74	-0.42	54.0	10.26	AV	251.00	200	Vertical	Pass
6	16128.638	54.94	1.98	74.0	19.06	Peak	35.00	100	Vertical	Pass
6**	16128.638	45.54	1.98	54.0	8.46	AV	35.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.400	38.39	-17.09	74.0	35.61	Peak	313.00	200	Horizontal	Pass
1**	1610.400	28.90	-17.09	54.0	25.10	AV	313.00	200	Horizontal	Pass
2	4290.500	47.23	-4.67	74.0	26.77	Peak	198.00	300	Horizontal	Pass
2**	4290.500	38.05	-4.67	54.0	15.95	AV	198.00	300	Horizontal	Pass
3	5654.250	100.19	-2.23	--	--	Peak	157.00	100	Horizontal	N/A
3**	5654.250	92.82	-2.23	--	--	AV	157.00	100	Horizontal	N/A
4	7625.750	53.99	0.29	74.0	20.01	Peak	37.00	300	Horizontal	Pass
4**	7625.750	43.78	0.29	54.0	10.22	AV	37.00	300	Horizontal	Pass
5	12517.963	52.88	1.34	74.0	21.12	Peak	300.00	100	Horizontal	Pass
5**	12517.963	43.95	1.34	54.0	10.05	AV	300.00	100	Horizontal	Pass
6	16091.099	54.79	1.63	74.0	19.21	Peak	33.00	400	Horizontal	Pass
6**	16091.099	45.51	1.63	54.0	8.49	AV	33.00	400	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	1619.900	38.51	-16.86	74.0	35.49	Peak	244.00	200	Vertical	Pass
1**	1619.900	29.24	-16.86	54.0	24.76	AV	244.00	200	Vertical	Pass
2	4181.750	48.09	-5.21	74.0	25.91	Peak	71.00	400	Vertical	Pass
2**	4181.750	37.75	-5.21	54.0	16.25	AV	71.00	400	Vertical	Pass
3	5663.500	94.02	-2.25	--	--	Peak	71.00	100	Vertical	N/A
3**	5663.500	85.47	-2.25	--	--	AV	71.00	100	Vertical	N/A
4	7714.250	53.16	1.56	74.0	20.84	Peak	224.00	200	Vertical	Pass
4**	7714.250	45.09	1.56	54.0	8.91	AV	224.00	200	Vertical	Pass
5	12277.375	52.68	0.80	74.0	21.32	Peak	173.00	200	Vertical	Pass
5**	12277.375	42.77	0.80	54.0	11.23	AV	173.00	200	Vertical	Pass
6	16136.776	55.25	2.05	74.0	18.75	Peak	227.00	200	Vertical	Pass
6**	16136.776	45.06	2.05	54.0	8.94	AV	227.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.400	39.16	-17.06	74.0	34.84	Peak	296.00	200	Horizontal	Pass
1**	1571.400	28.88	-17.06	54.0	25.12	AV	296.00	200	Horizontal	Pass
2	4286.000	47.14	-4.45	74.0	26.86	Peak	0.00	400	Horizontal	Pass
2**	4286.000	38.62	-4.45	54.0	15.38	AV	0.00	400	Horizontal	Pass
3	5492.750	106.76	-2.35	--	--	Peak	155.00	150	Horizontal	N/A
3**	5492.750	98.74	-2.35	--	--	AV	155.00	150	Horizontal	N/A
4	7704.500	53.29	1.93	74.0	20.71	Peak	41.00	300	Horizontal	Pass
4**	7704.500	44.97	1.93	54.0	9.03	AV	41.00	300	Horizontal	Pass
5	12212.537	53.44	0.58	74.0	20.56	Peak	360.00	150	Horizontal	Pass
5**	12212.537	43.28	0.58	54.0	10.72	AV	360.00	150	Horizontal	Pass
6	15897.113	55.15	2.00	74.0	18.85	Peak	133.00	300	Horizontal	Pass
6**	15897.113	45.33	2.00	54.0	8.67	AV	133.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	38.33	-16.74	74.0	35.67	Peak	78.00	100	Vertical	Pass
1**	1581.900	29.15	-16.74	54.0	24.85	AV	78.00	100	Vertical	Pass
2	4267.000	46.97	-4.70	74.0	27.03	Peak	360.00	300	Vertical	Pass
2**	4267.000	37.98	-4.70	54.0	16.02	AV	360.00	300	Vertical	Pass
3	5496.000	99.15	-2.44	--	--	Peak	77.00	100	Vertical	N/A
3**	5496.000	91.28	-2.44	--	--	AV	77.00	100	Vertical	N/A
4	7711.500	53.76	1.98	74.0	20.24	Peak	36.00	100	Vertical	Pass
4**	7711.500	44.99	1.98	54.0	9.01	AV	36.00	100	Vertical	Pass
5	11701.913	52.81	-0.50	74.0	21.19	Peak	86.00	150	Vertical	Pass
5**	11701.913	43.25	-0.50	54.0	10.75	AV	86.00	150	Vertical	Pass
6	16081.388	55.20	1.50	74.0	18.80	Peak	346.00	300	Vertical	Pass
6**	16081.388	45.39	1.50	54.0	8.61	AV	346.00	300	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	1446.800	38.62	-16.99	74.0	35.38	Peak	150.00	300	Horizontal	Pass
1**	1446.800	29.09	-16.99	54.0	24.91	AV	150.00	300	Horizontal	Pass
2	4285.750	47.21	-4.37	74.0	26.79	Peak	62.00	100	Horizontal	Pass
2**	4285.750	37.70	-4.37	54.0	16.30	AV	62.00	100	Horizontal	Pass
3	5579.500	103.28	-1.85	--	--	Peak	171.00	200	Horizontal	N/A
3**	5579.500	95.28	-1.85	--	--	AV	171.00	200	Horizontal	N/A
4	7709.250	53.83	1.90	74.0	20.17	Peak	19.00	300	Horizontal	Pass
4**	7709.250	45.33	1.90	54.0	8.67	AV	19.00	300	Horizontal	Pass
5	12525.325	53.10	1.29	74.0	20.90	Peak	86.00	200	Horizontal	Pass
5**	12525.325	43.07	1.29	54.0	10.93	AV	86.00	200	Horizontal	Pass
6	15892.650	55.05	1.97	74.0	18.95	Peak	82.00	300	Horizontal	Pass
6**	15892.650	45.84	1.97	54.0	8.16	AV	82.00	300	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	1576.300	38.57	-16.84	74.0	35.43	Peak	181.00	100	Vertical	Pass
1**	1576.300	28.36	-16.84	54.0	25.64	AV	181.00	100	Vertical	Pass
2	4108.500	47.04	-5.71	74.0	26.96	Peak	237.00	100	Vertical	Pass
2**	4108.500	37.26	-5.71	54.0	16.74	AV	237.00	100	Vertical	Pass
3	5577.250	95.77	-1.99	--	--	Peak	96.00	200	Vertical	N/A
3**	5577.250	88.76	-1.99	--	--	AV	96.00	200	Vertical	N/A
4	7412.000	53.96	0.59	74.0	20.04	Peak	0.00	300	Vertical	Pass
4**	7412.000	43.82	0.59	54.0	10.18	AV	0.00	300	Vertical	Pass
5	12401.350	53.61	1.11	74.0	20.39	Peak	356.00	150	Vertical	Pass
5**	12401.350	43.29	1.11	54.0	10.71	AV	356.00	150	Vertical	Pass
6	16147.800	54.69	2.13	74.0	19.31	Peak	91.00	200	Vertical	Pass
6**	16147.800	45.20	2.13	54.0	8.80	AV	91.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.800	38.32	-17.02	74.0	35.68	Peak	152.00	200	Horizontal	Pass
1**	1622.800	29.36	-17.02	54.0	24.64	AV	152.00	200	Horizontal	Pass
2	4253.500	47.13	-4.17	74.0	26.87	Peak	16.00	200	Horizontal	Pass
2**	4253.500	38.85	-4.17	54.0	15.15	AV	16.00	200	Horizontal	Pass
3	5697.750	102.72	-2.47	--	--	Peak	157.00	200	Horizontal	N/A
3**	5697.750	94.18	-2.47	--	--	AV	157.00	200	Horizontal	N/A
4	7709.250	54.04	1.90	74.0	19.96	Peak	219.00	100	Horizontal	Pass
4**	7709.250	45.15	1.90	54.0	8.85	AV	219.00	100	Horizontal	Pass
5	11815.437	52.98	-0.32	74.0	21.02	Peak	0.00	150	Horizontal	Pass
5**	11815.437	43.34	-0.32	54.0	10.66	AV	0.00	150	Horizontal	Pass
6	15916.013	54.73	1.75	74.0	19.27	Peak	67.00	400	Horizontal	Pass
6**	15916.013	45.94	1.75	54.0	8.06	AV	67.00	400	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	1587.200	38.78	-16.96	74.0	35.22	Peak	181.00	300	Vertical	Pass
1**	1587.200	29.07	-16.96	54.0	24.93	AV	181.00	300	Vertical	Pass
2	4035.000	47.45	-5.86	74.0	26.55	Peak	0.00	400	Vertical	Pass
2**	4035.000	37.73	-5.86	54.0	16.27	AV	0.00	400	Vertical	Pass
3	5696.750	96.96	-2.29	--	--	Peak	77.00	200	Vertical	N/A
3**	5696.750	88.67	-2.29	--	--	AV	77.00	200	Vertical	N/A
4	7705.750	53.68	1.53	74.0	20.32	Peak	300.00	200	Vertical	Pass
4**	7705.750	44.51	1.53	54.0	9.49	AV	300.00	200	Vertical	Pass
5	12284.262	53.05	0.73	74.0	20.95	Peak	341.00	200	Vertical	Pass
5**	12284.262	43.92	0.73	54.0	10.08	AV	341.00	200	Vertical	Pass
6	15638.025	54.96	1.85	74.0	19.04	Peak	280.00	100	Vertical	Pass
6**	15638.025	44.57	1.85	54.0	9.43	AV	280.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.800	38.49	-17.16	74.0	35.51	Peak	360.00	200	Horizontal	Pass
1**	1625.800	28.67	-17.16	54.0	25.33	AV	360.00	200	Horizontal	Pass
2	4185.250	48.47	-5.31	74.0	25.53	Peak	116.00	400	Horizontal	Pass
2**	4185.250	37.73	-5.31	54.0	16.27	AV	116.00	400	Horizontal	Pass
3	5493.250	103.03	-2.20	--	--	Peak	175.00	150	Horizontal	N/A
3**	5493.250	95.54	-2.20	--	--	AV	175.00	150	Horizontal	N/A
4	7420.750	53.51	1.19	74.0	20.49	Peak	357.00	100	Horizontal	Pass
4**	7420.750	44.13	1.19	54.0	9.87	AV	357.00	100	Horizontal	Pass
5	12249.349	52.82	1.09	74.0	21.18	Peak	126.00	100	Horizontal	Pass
5**	12249.349	43.94	1.09	54.0	10.06	AV	126.00	100	Horizontal	Pass
6	15874.537	54.62	1.83	74.0	19.38	Peak	243.00	100	Horizontal	Pass
6**	15874.537	45.74	1.83	54.0	8.26	AV	243.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.400	38.52	-16.92	74.0	35.48	Peak	314.00	100	Vertical	Pass
1**	1453.400	28.82	-16.92	54.0	25.18	AV	314.00	100	Vertical	Pass
2	4259.250	47.29	-4.42	74.0	26.71	Peak	16.00	100	Vertical	Pass
2**	4259.250	38.04	-4.42	54.0	15.96	AV	16.00	100	Vertical	Pass
3	5498.750	94.55	-2.54	--	--	Peak	75.00	100	Vertical	N/A
3**	5498.750	86.26	-2.54	--	--	AV	75.00	100	Vertical	N/A
4	7706.500	53.67	1.58	74.0	20.33	Peak	338.00	300	Vertical	Pass
4**	7706.500	44.97	1.58	54.0	9.03	AV	338.00	300	Vertical	Pass
5	12222.987	53.26	0.73	74.0	20.74	Peak	106.00	200	Vertical	Pass
5**	12222.987	43.44	0.73	54.0	10.56	AV	106.00	200	Vertical	Pass
6	16116.825	54.77	1.89	74.0	19.23	Peak	343.00	200	Vertical	Pass
6**	16116.825	46.14	1.89	54.0	7.86	AV	343.00	200	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	1586.500	39.28	-17.23	74.0	34.72	Peak	290.00	300	Horizontal	Pass
1**	1586.500	28.69	-17.23	54.0	25.31	AV	290.00	300	Horizontal	Pass
2	4039.500	47.51	-5.75	74.0	26.49	Peak	77.00	100	Horizontal	Pass
2**	4039.500	37.44	-5.75	54.0	16.56	AV	77.00	100	Horizontal	Pass
3	5597.750	100.16	-2.16	--	--	Peak	161.00	150	Horizontal	N/A
3**	5597.750	92.70	-2.16	--	--	AV	161.00	150	Horizontal	N/A
4	7713.250	53.76	1.67	74.0	20.24	Peak	201.00	200	Horizontal	Pass
4**	7713.250	45.24	1.67	54.0	8.76	AV	201.00	200	Horizontal	Pass
5	11698.825	52.92	-0.54	74.0	21.08	Peak	69.00	100	Horizontal	Pass
5**	11698.825	42.41	-0.54	54.0	11.59	AV	69.00	100	Horizontal	Pass
6	16066.688	54.85	1.31	74.0	19.15	Peak	204.00	100	Horizontal	Pass
6**	16066.688	45.76	1.31	54.0	8.24	AV	204.00	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	1504.400	38.26	-17.05	74.0	35.74	Peak	9.00	200	Vertical	Pass
1**	1504.400	28.96	-17.05	54.0	25.04	AV	9.00	200	Vertical	Pass
2	4314.000	47.49	-4.99	74.0	26.51	Peak	96.00	400	Vertical	Pass
2**	4314.000	38.31	-4.99	54.0	15.69	AV	96.00	400	Vertical	Pass
3	5598.750	92.55	-2.26	--	--	Peak	75.00	200	Vertical	N/A
3**	5598.750	84.17	-2.26	--	--	AV	75.00	200	Vertical	N/A
4	7704.750	53.84	2.00	74.0	20.16	Peak	296.00	400	Vertical	Pass
4**	7704.750	45.01	2.00	54.0	8.99	AV	296.00	400	Vertical	Pass
5	12207.075	53.20	0.50	74.0	20.80	Peak	203.00	200	Vertical	Pass
5**	12207.075	43.99	0.50	54.0	10.01	AV	203.00	200	Vertical	Pass
6	15645.901	54.84	2.04	74.0	19.16	Peak	64.00	300	Vertical	Pass
6**	15645.901	44.89	2.04	54.0	9.11	AV	64.00	300	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	1605.100	38.81	-16.61	74.0	35.19	Peak	312.00	400	Horizontal	Pass
1**	1605.100	29.18	-16.61	54.0	24.82	AV	312.00	400	Horizontal	Pass
2	4356.000	47.22	-4.83	74.0	26.78	Peak	0.00	400	Horizontal	Pass
2**	4356.000	37.15	-4.83	54.0	16.85	AV	0.00	400	Horizontal	Pass
3	5656.250	100.27	-2.41	--	--	Peak	176.00	150	Horizontal	N/A
3**	5656.250	92.29	-2.41	--	--	AV	176.00	150	Horizontal	N/A
4	7705.250	53.27	2.03	74.0	20.73	Peak	339.00	400	Horizontal	Pass
4**	7705.250	45.82	2.03	54.0	8.18	AV	339.00	400	Horizontal	Pass
5	11790.500	52.79	-0.15	74.0	21.21	Peak	65.00	200	Horizontal	Pass
5**	11790.500	43.48	-0.15	54.0	10.52	AV	65.00	200	Horizontal	Pass
6	15909.450	54.99	1.86	74.0	19.01	Peak	0.00	300	Horizontal	Pass
6**	15909.450	46.16	1.86	54.0	7.84	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.200	39.27	-16.78	74.0	34.73	Peak	258.00	100	Vertical	Pass
1**	1582.200	29.37	-16.78	54.0	24.63	AV	258.00	100	Vertical	Pass
2	4255.500	46.99	-3.95	74.0	27.01	Peak	77.00	400	Vertical	Pass
2**	4255.500	38.13	-3.95	54.0	15.87	AV	77.00	400	Vertical	Pass
3	5686.750	94.19	-2.40	--	--	Peak	77.00	100	Vertical	N/A
3**	5686.750	86.93	-2.40	--	--	AV	77.00	100	Vertical	N/A
4	7708.500	54.14	1.84	74.0	19.86	Peak	140.00	400	Vertical	Pass
4**	7708.500	44.59	1.84	54.0	9.41	AV	140.00	400	Vertical	Pass
5	11690.276	53.20	-0.68	74.0	20.80	Peak	253.00	150	Vertical	Pass
5**	11690.276	43.11	-0.68	54.0	10.89	AV	253.00	150	Vertical	Pass
6	16091.888	55.16	1.64	74.0	18.84	Peak	72.00	400	Vertical	Pass
6**	16091.888	44.95	1.64	54.0	9.05	AV	72.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.800	38.73	-17.01	74.0	35.27	Peak	68.00	400	Horizontal	Pass
1**	1616.800	28.61	-17.01	54.0	25.39	AV	68.00	400	Horizontal	Pass
2	4291.000	47.15	-4.53	74.0	26.85	Peak	137.00	100	Horizontal	Pass
2**	4291.000	38.45	-4.53	54.0	15.55	AV	137.00	100	Horizontal	Pass
3	5542.000	97.07	-2.32	--	--	Peak	163.00	200	Horizontal	N/A
3**	5542.000	88.83	-2.32	--	--	AV	163.00	200	Horizontal	N/A
4	7353.750	53.94	0.49	74.0	20.06	Peak	268.00	400	Horizontal	Pass
4**	7353.750	43.54	0.49	54.0	10.46	AV	268.00	400	Horizontal	Pass
5	11681.487	52.92	-0.82	74.0	21.08	Peak	154.00	150	Horizontal	Pass
5**	11681.487	43.01	-0.82	54.0	10.99	AV	154.00	150	Horizontal	Pass
6	16142.550	54.53	2.09	74.0	19.47	Peak	283.00	100	Horizontal	Pass
6**	16142.550	45.40	2.09	54.0	8.60	AV	283.00	100	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	1606.900	39.18	-16.73	74.0	34.82	Peak	259.00	300	Vertical	Pass
1**	1606.900	28.83	-16.73	54.0	25.17	AV	259.00	300	Vertical	Pass
2	4154.250	46.96	-5.91	74.0	27.04	Peak	207.00	400	Vertical	Pass
2**	4154.250	36.82	-5.91	54.0	17.18	AV	207.00	400	Vertical	Pass
3	5541.250	89.73	-2.20	--	--	Peak	67.00	100	Vertical	N/A
3**	5541.250	80.99	-2.20	--	--	AV	67.00	100	Vertical	N/A
4	7733.000	53.35	0.56	74.0	20.65	Peak	19.00	200	Vertical	Pass
4**	7733.000	43.73	0.56	54.0	10.27	AV	19.00	200	Vertical	Pass
5	12246.263	53.16	1.05	74.0	20.84	Peak	135.00	150	Vertical	Pass
5**	12246.263	43.38	1.05	54.0	10.62	AV	135.00	150	Vertical	Pass
6	16067.474	55.23	1.32	74.0	18.77	Peak	273.00	300	Vertical	Pass
6**	16067.474	46.40	1.32	54.0	7.60	AV	273.00	300	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	1608.500	38.80	-17.08	74.0	35.20	Peak	310.00	400	Horizontal	Pass
1**	1608.500	28.79	-17.08	54.0	25.21	AV	310.00	400	Horizontal	Pass
2	4255.250	46.93	-4.03	74.0	27.07	Peak	259.00	400	Horizontal	Pass
2**	4255.250	38.55	-4.03	54.0	15.45	AV	259.00	400	Horizontal	Pass
3	5626.750	97.35	-2.48	--	--	Peak	179.00	150	Horizontal	N/A
3**	5626.750	90.20	-2.48	--	--	AV	179.00	150	Horizontal	N/A
4	7687.000	53.50	1.20	74.0	20.50	Peak	16.00	200	Horizontal	Pass
4**	7687.000	45.34	1.20	54.0	8.66	AV	16.00	200	Horizontal	Pass
5	11763.188	53.12	-0.18	74.0	20.88	Peak	360.00	100	Horizontal	Pass
5**	11763.188	43.67	-0.18	54.0	10.33	AV	360.00	100	Horizontal	Pass
6	16094.775	54.93	1.68	74.0	19.07	Peak	48.00	200	Horizontal	Pass
6**	16094.775	45.56	1.68	54.0	8.44	AV	48.00	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	1610.200	38.83	-17.04	74.0	35.17	Peak	111.00	200	Vertical	Pass
1**	1610.200	29.11	-17.04	54.0	24.89	AV	111.00	200	Vertical	Pass
2	4304.250	47.08	-5.09	74.0	26.92	Peak	138.00	300	Vertical	Pass
2**	4304.250	37.90	-5.09	54.0	16.10	AV	138.00	300	Vertical	Pass
3	5631.500	89.75	-2.59	--	--	Peak	77.00	150	Vertical	N/A
3**	5631.500	81.20	-2.59	--	--	AV	77.00	150	Vertical	N/A
4	7715.750	53.93	1.48	74.0	20.07	Peak	360.00	200	Vertical	Pass
4**	7715.750	44.81	1.48	54.0	9.19	AV	360.00	200	Vertical	Pass
5	12522.237	53.50	1.31	74.0	20.50	Peak	302.00	150	Vertical	Pass
5**	12522.237	42.59	1.31	54.0	11.41	AV	302.00	150	Vertical	Pass
6	15911.812	56.13	1.82	74.0	17.87	Peak	290.00	300	Vertical	Pass
6**	15911.812	44.86	1.82	54.0	9.14	AV	290.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.500	38.76	-17.14	74.0	35.24	Peak	230.00	200	Horizontal	Pass
1**	1555.500	29.39	-17.14	54.0	24.61	AV	230.00	200	Horizontal	Pass
2	4380.600	49.84	-3.42	74.0	24.16	Peak	206.00	200	Horizontal	Pass
2**	4380.600	42.16	-3.42	54.0	11.84	AV	206.00	200	Horizontal	Pass
3	4596.200	52.71	-3.90	74.0	21.29	Peak	239.00	150	Horizontal	Pass
3**	4596.200	48.57	-3.90	54.0	5.43	AV	239.00	150	Horizontal	Pass
4	5740.200	108.26	-2.12	--	--	Peak	206.00	200	Horizontal	N/A
4**	5740.200	100.52	-2.12	--	--	AV	206.00	200	Horizontal	N/A
5	7332.638	49.36	-3.21	74.0	24.64	Peak	112.00	300	Horizontal	Pass
5**	7332.638	40.72	-3.21	54.0	13.28	AV	112.00	300	Horizontal	Pass
6	11487.300	50.61	0.07	74.0	23.39	Peak	354.00	150	Horizontal	Pass
6**	11487.300	47.38	0.07	54.0	6.62	AV	354.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.500	39.26	-16.74	74.0	34.74	Peak	198.00	300	Vertical	Pass
1**	1489.500	29.34	-16.74	54.0	24.66	AV	198.00	300	Vertical	Pass
2	4387.400	49.91	-3.35	74.0	24.09	Peak	0.00	300	Vertical	Pass
2**	4387.400	41.75	-3.35	54.0	12.25	AV	0.00	300	Vertical	Pass
3	5747.800	102.40	-2.21	--	--	Peak	123.00	200	Vertical	N/A
3**	5747.800	95.41	-2.21	--	--	AV	123.00	200	Vertical	N/A
4	7451.950	49.71	-3.16	74.0	24.29	Peak	104.00	100	Vertical	Pass
4**	7451.950	40.75	-3.16	54.0	13.25	AV	104.00	100	Vertical	Pass
5	11490.463	58.04	0.07	74.0	15.96	Peak	69.00	100	Vertical	Pass
5**	11490.463	49.06	0.07	54.0	4.94	AV	69.00	100	Vertical	Pass
6	11490.750	55.35	0.07	74.0	18.65	Peak	69.00	150	Vertical	Pass
6**	11490.750	49.94	0.07	54.0	4.06	AV	69.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.700	40.20	-16.78	74.0	33.80	Peak	299.00	100	Horizontal	Pass
1**	1490.700	30.05	-16.78	54.0	23.95	AV	299.00	100	Horizontal	Pass
2	4628.200	54.49	-3.47	74.0	19.51	Peak	208.00	150	Horizontal	Pass
2**	4628.200	50.99	-3.47	54.0	3.01	AV	208.00	150	Horizontal	Pass
3	5782.400	108.30	-1.35	--	--	Peak	208.00	150	Horizontal	N/A
3**	5782.400	100.84	-1.35	--	--	AV	208.00	150	Horizontal	N/A
4	7335.225	49.68	-3.26	74.0	24.32	Peak	76.00	400	Horizontal	Pass
4**	7335.225	40.66	-3.26	54.0	13.34	AV	76.00	400	Horizontal	Pass
5	12272.175	53.24	1.52	74.0	20.76	Peak	352.00	100	Horizontal	Pass
5**	12272.175	44.82	1.52	54.0	9.18	AV	352.00	100	Horizontal	Pass
6	15510.974	55.83	1.43	74.0	18.17	Peak	138.00	300	Horizontal	Pass
6**	15510.974	45.97	1.43	54.0	8.03	AV	138.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	38.83	-17.02	74.0	35.17	Peak	85.00	200	Vertical	Pass
1**	1611.000	29.54	-17.02	54.0	24.46	AV	85.00	200	Vertical	Pass
2	4377.400	50.00	-3.58	74.0	24.00	Peak	342.00	300	Vertical	Pass
2**	4377.400	41.15	-3.58	54.0	12.85	AV	342.00	300	Vertical	Pass
3	5788.600	102.81	-1.72	--	--	Peak	114.00	150	Vertical	N/A
3**	5788.600	95.44	-1.72	--	--	AV	114.00	150	Vertical	N/A
4	7712.138	49.85	-2.25	74.0	24.15	Peak	108.00	100	Vertical	Pass
4**	7712.138	39.59	-2.25	54.0	14.41	AV	108.00	100	Vertical	Pass
5	11564.063	55.11	-0.42	74.0	18.89	Peak	76.00	150	Vertical	Pass
5**	11564.063	45.96	-0.42	54.0	8.04	AV	76.00	150	Vertical	Pass
6	11571.250	54.39	-0.40	74.0	19.61	Peak	76.00	150	Vertical	Pass
6**	11571.250	49.70	-0.40	54.0	4.30	AV	76.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.400	38.80	-17.18	74.0	35.20	Peak	349.00	200	Horizontal	Pass
1**	1447.400	29.16	-17.18	54.0	24.84	AV	349.00	200	Horizontal	Pass
2	4660.200	57.00	-2.37	74.0	17.00	Peak	180.00	150	Horizontal	Pass
2**	4660.200	49.52	-2.37	54.0	4.48	AV	180.00	150	Horizontal	Pass
3	5829.600	107.57	-1.78	--	--	Peak	191.00	150	Horizontal	N/A
3**	5829.600	100.74	-1.78	--	--	AV	191.00	150	Horizontal	N/A
4	7403.362	49.77	-3.68	74.0	24.23	Peak	299.00	200	Horizontal	Pass
4**	7403.362	41.30	-3.68	54.0	12.70	AV	299.00	200	Horizontal	Pass
5	12275.625	53.35	1.64	74.0	20.65	Peak	201.00	150	Horizontal	Pass
5**	12275.625	44.48	1.64	54.0	9.52	AV	201.00	150	Horizontal	Pass
6	15857.212	55.71	1.08	74.0	18.29	Peak	327.00	200	Horizontal	Pass
6**	15857.212	45.86	1.08	54.0	8.14	AV	327.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.200	39.20	-16.99	74.0	34.80	Peak	119.00	100	Vertical	Pass
1**	1587.200	29.77	-16.99	54.0	24.23	AV	119.00	100	Vertical	Pass
2	4390.000	50.24	-3.32	74.0	23.76	Peak	145.00	300	Vertical	Pass
2**	4390.000	41.21	-3.32	54.0	12.79	AV	145.00	300	Vertical	Pass
3	5832.400	101.29	-1.74	--	--	Peak	113.00	200	Vertical	N/A
3**	5832.400	93.87	-1.74	--	--	AV	113.00	200	Vertical	N/A
4	7625.312	49.61	-2.86	74.0	24.39	Peak	242.00	200	Vertical	Pass
4**	7625.312	39.94	-2.86	54.0	14.06	AV	242.00	200	Vertical	Pass
5	11650.888	53.72	-0.13	74.0	20.28	Peak	13.00	150	Vertical	Pass
5**	11650.888	47.61	-0.13	54.0	6.39	AV	13.00	150	Vertical	Pass
6	15796.575	55.62	2.22	74.0	18.38	Peak	343.00	100	Vertical	Pass
6**	15796.575	47.40	2.22	54.0	6.60	AV	343.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.900	39.40	-16.80	74.0	34.60	Peak	356.00	400	Horizontal	Pass
1**	1490.900	29.96	-16.80	54.0	24.04	AV	356.00	400	Horizontal	Pass
2	3718.000	50.21	-5.26	74.0	23.79	Peak	0.00	400	Horizontal	Pass
2**	3718.000	39.81	-5.26	54.0	14.19	AV	0.00	400	Horizontal	Pass
3	5743.200	107.19	-2.13	--	--	Peak	203.00	150	Horizontal	N/A
3**	5743.200	99.63	-2.13	--	--	AV	203.00	150	Horizontal	N/A
4	7339.250	49.48	-2.93	74.0	24.52	Peak	67.00	100	Horizontal	Pass
4**	7339.250	40.88	-2.93	54.0	13.12	AV	67.00	100	Horizontal	Pass
5	11487.875	53.48	0.07	74.0	20.52	Peak	360.00	200	Horizontal	Pass
5**	11487.875	44.39	0.07	54.0	9.61	AV	360.00	200	Horizontal	Pass
6	15625.950	55.72	1.72	74.0	18.28	Peak	259.00	400	Horizontal	Pass
6**	15625.950	45.95	1.72	54.0	8.05	AV	259.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.600	38.85	-16.82	74.0	35.15	Peak	333.00	400	Vertical	Pass
1**	1506.600	29.87	-16.82	54.0	24.13	AV	333.00	400	Vertical	Pass
2	4392.400	49.86	-3.55	74.0	24.14	Peak	271.00	300	Vertical	Pass
2**	4392.400	40.96	-3.55	54.0	13.04	AV	271.00	300	Vertical	Pass
3	5742.400	101.73	-2.21	--	--	Peak	115.00	100	Vertical	N/A
3**	5742.400	93.61	-2.21	--	--	AV	115.00	100	Vertical	N/A
4	7737.438	49.97	-2.64	74.0	24.03	Peak	0.00	300	Vertical	Pass
4**	7737.438	39.83	-2.64	54.0	14.17	AV	0.00	300	Vertical	Pass
5	11489.887	55.53	0.07	74.0	18.47	Peak	64.00	200	Vertical	Pass
5**	11489.887	47.01	0.07	54.0	6.99	AV	64.00	200	Vertical	Pass
6	11490.175	55.01	0.07	74.0	18.99	Peak	64.00	150	Vertical	Pass
6**	11490.175	49.45	0.07	54.0	4.55	AV	64.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.400	38.94	-16.94	74.0	35.06	Peak	217.00	100	Horizontal	Pass
1**	1501.400	30.33	-16.94	54.0	23.67	AV	217.00	100	Horizontal	Pass
2	4628.000	56.92	-3.50	74.0	17.08	Peak	187.00	150	Horizontal	Pass
2**	4628.000	48.20	-3.50	54.0	5.80	AV	187.00	150	Horizontal	Pass
3	4628.200	53.44	-3.47	74.0	20.56	Peak	187.00	150	Horizontal	Pass
3**	4628.200	49.07	-3.47	54.0	4.93	AV	187.00	150	Horizontal	Pass
4	5782.400	107.81	-1.35	--	--	Peak	198.00	100	Horizontal	N/A
4**	5782.400	99.49	-1.35	--	--	AV	198.00	100	Horizontal	N/A
5	7391.862	49.69	-3.85	74.0	24.31	Peak	13.00	400	Horizontal	Pass
5**	7391.862	39.93	-3.85	54.0	14.07	AV	13.00	400	Horizontal	Pass
6	12499.299	53.72	1.65	74.0	20.28	Peak	0.00	150	Horizontal	Pass
6**	12499.299	43.17	1.65	54.0	10.83	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.300	38.98	-17.02	74.0	35.02	Peak	20.00	200	Vertical	Pass
1**	1443.300	29.29	-17.02	54.0	24.71	AV	20.00	200	Vertical	Pass
2	4388.200	50.13	-3.41	74.0	23.87	Peak	41.00	400	Vertical	Pass
2**	4388.200	41.23	-3.41	54.0	12.77	AV	41.00	400	Vertical	Pass
3	5781.800	101.67	-1.41	--	--	Peak	120.00	200	Vertical	N/A
3**	5781.800	94.12	-1.41	--	--	AV	120.00	200	Vertical	N/A
4	7363.687	49.87	-3.69	74.0	24.13	Peak	52.00	100	Vertical	Pass
4**	7363.687	40.49	-3.69	54.0	13.51	AV	52.00	100	Vertical	Pass
5	11570.099	52.12	-0.39	74.0	21.88	Peak	17.00	150	Vertical	Pass
5**	11570.099	47.27	-0.39	54.0	6.73	AV	17.00	150	Vertical	Pass
6	16089.000	55.54	1.45	74.0	18.46	Peak	343.00	200	Vertical	Pass
6**	16089.000	45.82	1.45	54.0	8.18	AV	343.00	200	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	1501.900	39.18	-16.99	74.0	34.82	Peak	0.00	400	Horizontal	Pass
1**	1501.900	29.78	-16.99	54.0	24.22	AV	0.00	400	Horizontal	Pass
2	4367.400	50.07	-3.83	74.0	23.93	Peak	360.00	300	Horizontal	Pass
2**	4367.400	40.16	-3.83	54.0	13.84	AV	360.00	300	Horizontal	Pass
3	4660.200	53.30	-2.37	74.0	20.70	Peak	286.00	150	Horizontal	Pass
3**	4660.200	48.05	-2.37	54.0	5.95	AV	286.00	150	Horizontal	Pass
4	5832.800	106.85	-1.74	--	--	Peak	198.00	150	Horizontal	N/A
4**	5832.800	99.40	-1.74	--	--	AV	198.00	150	Horizontal	N/A
5	7351.325	49.50	-3.71	74.0	24.50	Peak	306.00	300	Horizontal	Pass
5**	7351.325	40.82	-3.71	54.0	13.18	AV	306.00	300	Horizontal	Pass
6	12607.400	53.05	1.90	74.0	20.95	Peak	358.00	100	Horizontal	Pass
6**	12607.400	43.53	1.90	54.0	10.47	AV	358.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.500	39.11	-17.60	74.0	34.89	Peak	330.00	200	Vertical	Pass
1**	1619.500	29.25	-17.60	54.0	24.75	AV	330.00	200	Vertical	Pass
2	4380.000	50.11	-3.32	74.0	23.89	Peak	332.00	300	Vertical	Pass
2**	4380.000	41.52	-3.32	54.0	12.48	AV	332.00	300	Vertical	Pass
3	5830.400	100.91	-1.77	--	--	Peak	113.00	200	Vertical	N/A
3**	5830.400	92.75	-1.77	--	--	AV	113.00	200	Vertical	N/A
4	7338.387	49.40	-2.90	74.0	24.60	Peak	162.00	300	Vertical	Pass
4**	7338.387	41.90	-2.90	54.0	12.10	AV	162.00	300	Vertical	Pass
5	11650.025	55.37	-0.16	74.0	18.63	Peak	79.00	150	Vertical	Pass
5**	11650.025	47.21	-0.16	54.0	6.79	AV	79.00	150	Vertical	Pass
6	11650.312	54.03	-0.15	74.0	19.97	Peak	63.00	150	Vertical	Pass
6**	11650.312	47.23	-0.15	54.0	6.77	AV	63.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.800	39.49	-16.82	74.0	34.51	Peak	93.00	100	Horizontal	Pass
1**	1506.800	30.52	-16.82	54.0	23.48	AV	93.00	100	Horizontal	Pass
2	4624.000	50.04	-3.38	74.0	23.96	Peak	186.00	150	Horizontal	Pass
2**	4624.000	46.19	-3.38	54.0	7.81	AV	186.00	150	Horizontal	Pass
3	5740.600	105.01	-2.16	--	--	Peak	208.00	100	Horizontal	N/A
3**	5740.600	96.24	-2.16	--	--	AV	208.00	100	Horizontal	N/A
4	7728.813	49.64	-2.53	74.0	24.36	Peak	253.00	300	Horizontal	Pass
4**	7728.813	40.93	-2.53	54.0	13.07	AV	253.00	300	Horizontal	Pass
5	11674.174	53.09	0.26	74.0	20.91	Peak	165.00	100	Horizontal	Pass
5**	11674.174	44.04	0.26	54.0	9.96	AV	165.00	100	Horizontal	Pass
6	15815.737	55.81	2.03	74.0	18.19	Peak	360.00	200	Horizontal	Pass
6**	15815.737	46.17	2.03	54.0	7.83	AV	360.00	200	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	1587.500	38.92	-17.03	74.0	35.08	Peak	21.00	100	Vertical	Pass
1**	1587.500	30.63	-17.03	54.0	23.37	AV	21.00	100	Vertical	Pass
2	4381.200	50.35	-3.52	74.0	23.65	Peak	124.00	400	Vertical	Pass
2**	4381.200	41.27	-3.52	54.0	12.73	AV	124.00	400	Vertical	Pass
3	5747.200	99.57	-2.21	--	--	Peak	111.00	150	Vertical	N/A
3**	5747.200	90.37	-2.21	--	--	AV	111.00	150	Vertical	N/A
4	7677.350	49.72	-2.54	74.0	24.28	Peak	160.00	400	Vertical	Pass
4**	7677.350	40.08	-2.54	54.0	13.92	AV	160.00	400	Vertical	Pass
5	11510.013	55.41	-0.23	74.0	18.59	Peak	69.00	200	Vertical	Pass
5**	11510.013	49.02	-0.23	54.0	4.98	AV	69.00	200	Vertical	Pass
6	11510.300	54.00	-0.23	74.0	20.00	Peak	69.00	150	Vertical	Pass
6**	11510.300	49.71	-0.23	54.0	4.29	AV	69.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.200	39.13	-17.15	74.0	34.87	Peak	355.00	400	Horizontal	Pass
1**	1555.200	29.46	-17.15	54.0	24.54	AV	355.00	400	Horizontal	Pass
2	4656.200	51.55	-2.63	74.0	22.45	Peak	234.00	150	Horizontal	Pass
2**	4656.200	46.52	-2.63	54.0	7.48	AV	234.00	150	Horizontal	Pass
3	5810.800	104.99	-1.86	--	--	Peak	210.00	200	Horizontal	N/A
3**	5810.800	96.09	-1.86	--	--	AV	210.00	200	Horizontal	N/A
4	7683.675	49.92	-2.67	74.0	24.08	Peak	87.00	400	Horizontal	Pass
4**	7683.675	40.37	-2.67	54.0	13.63	AV	87.00	400	Horizontal	Pass
5	12565.713	52.86	1.71	74.0	21.14	Peak	317.00	200	Horizontal	Pass
5**	12565.713	42.62	1.71	54.0	11.38	AV	317.00	200	Horizontal	Pass
6	15832.537	55.64	1.47	74.0	18.36	Peak	81.00	200	Horizontal	Pass
6**	15832.537	45.91	1.47	54.0	8.09	AV	81.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.900	39.47	-17.11	74.0	34.53	Peak	295.00	100	Vertical	Pass
1**	1534.900	29.53	-17.11	54.0	24.47	AV	295.00	100	Vertical	Pass
2	4257.600	50.30	-4.50	74.0	23.70	Peak	86.00	300	Vertical	Pass
2**	4257.600	40.76	-4.50	54.0	13.24	AV	86.00	300	Vertical	Pass
3	5782.200	98.40	-1.33	--	--	Peak	122.00	200	Vertical	N/A
3**	5782.200	91.11	-1.33	--	--	AV	122.00	200	Vertical	N/A
4	7365.700	49.32	-3.41	74.0	24.68	Peak	155.00	100	Vertical	Pass
4**	7365.700	41.50	-3.41	54.0	12.50	AV	155.00	100	Vertical	Pass
5	11588.787	50.35	-0.24	74.0	23.65	Peak	31.00	150	Vertical	Pass
5**	11588.787	48.72	-0.24	54.0	5.28	AV	31.00	150	Vertical	Pass
6	15575.287	55.78	1.42	74.0	18.22	Peak	273.00	100	Vertical	Pass
6**	15575.287	45.84	1.42	54.0	8.16	AV	273.00	100	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	1449.700	38.77	-17.27	74.0	35.23	Peak	110.00	100	Horizontal	Pass
1**	1449.700	29.29	-17.27	54.0	24.71	AV	110.00	100	Horizontal	Pass
2	4296.800	50.70	-4.00	74.0	23.30	Peak	360.00	200	Horizontal	Pass
2**	4296.800	40.96	-4.00	54.0	13.04	AV	360.00	200	Horizontal	Pass
3	5749.000	106.74	-2.26	--	--	Peak	204.00	100	Horizontal	N/A
3**	5749.000	97.79	-2.26	--	--	AV	204.00	100	Horizontal	N/A
4	7338.100	49.74	-2.89	74.0	24.26	Peak	311.00	400	Horizontal	Pass
4**	7338.100	40.56	-2.89	54.0	13.44	AV	311.00	400	Horizontal	Pass
5	12314.150	53.14	1.40	74.0	20.86	Peak	360.00	150	Horizontal	Pass
5**	12314.150	43.18	1.40	54.0	10.82	AV	360.00	150	Horizontal	Pass
6	15839.100	55.40	1.45	74.0	18.60	Peak	183.00	300	Horizontal	Pass
6**	15839.100	46.81	1.45	54.0	7.19	AV	183.00	300	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	1500.100	38.78	-16.92	74.0	35.22	Peak	262.00	200	Vertical	Pass
1**	1500.100	29.80	-16.92	54.0	24.20	AV	262.00	200	Vertical	Pass
2	4364.800	50.07	-3.94	74.0	23.93	Peak	350.00	100	Vertical	Pass
2**	4364.800	41.13	-3.94	54.0	12.87	AV	350.00	100	Vertical	Pass
3	5748.400	99.98	-2.22	--	--	Peak	112.00	150	Vertical	N/A
3**	5748.400	92.90	-2.22	--	--	AV	112.00	150	Vertical	N/A
4	7370.875	49.67	-4.08	74.0	24.33	Peak	55.00	400	Vertical	Pass
4**	7370.875	39.62	-4.08	54.0	14.38	AV	55.00	400	Vertical	Pass
5	11490.175	54.91	0.07	74.0	19.09	Peak	76.00	200	Vertical	Pass
5**	11490.175	47.18	0.07	54.0	6.82	AV	76.00	200	Vertical	Pass
6	11490.463	53.51	0.07	74.0	20.49	Peak	76.00	150	Vertical	Pass
6**	11490.463	50.49	0.07	54.0	3.51	AV	76.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.200	39.26	-16.88	74.0	34.74	Peak	165.00	100	Horizontal	Pass
1**	1507.200	29.70	-16.88	54.0	24.30	AV	165.00	100	Horizontal	Pass
2	4387.600	50.70	-3.37	74.0	23.30	Peak	115.00	100	Horizontal	Pass
2**	4387.600	40.93	-3.37	54.0	13.07	AV	115.00	100	Horizontal	Pass
3	5782.000	106.14	-1.37	--	--	Peak	211.00	150	Horizontal	N/A
3**	5782.000	98.22	-1.37	--	--	AV	211.00	150	Horizontal	N/A
4	7672.750	49.98	-2.36	74.0	24.02	Peak	18.00	400	Horizontal	Pass
4**	7672.750	40.44	-2.36	54.0	13.56	AV	18.00	400	Horizontal	Pass
5	10941.338	52.98	-0.08	74.0	21.02	Peak	178.00	150	Horizontal	Pass
5**	10941.338	43.74	-0.08	54.0	10.26	AV	178.00	150	Horizontal	Pass
6	15845.925	55.76	1.36	74.0	18.24	Peak	199.00	100	Horizontal	Pass
6**	15845.925	46.80	1.36	54.0	7.20	AV	199.00	100	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	1488.200	39.40	-16.81	74.0	34.60	Peak	288.00	200	Vertical	Pass
1**	1488.200	30.82	-16.81	54.0	23.18	AV	288.00	200	Vertical	Pass
2	4387.800	50.20	-3.38	74.0	23.80	Peak	73.00	300	Vertical	Pass
2**	4387.800	41.50	-3.38	54.0	12.50	AV	73.00	300	Vertical	Pass
3	5788.400	100.93	-1.71	--	--	Peak	120.00	200	Vertical	N/A
3**	5788.400	92.95	-1.71	--	--	AV	120.00	200	Vertical	N/A
4	7377.775	49.61	-3.50	74.0	24.39	Peak	301.00	400	Vertical	Pass
4**	7377.775	40.40	-3.50	54.0	13.60	AV	301.00	400	Vertical	Pass
5	11570.099	53.99	-0.39	74.0	20.01	Peak	67.00	100	Vertical	Pass
5**	11570.099	46.77	-0.39	54.0	7.23	AV	67.00	100	Vertical	Pass
6	11570.388	51.33	-0.39	74.0	22.67	Peak	67.00	150	Vertical	Pass
6**	11570.388	47.87	-0.39	54.0	6.13	AV	67.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	38.77	-16.71	74.0	35.23	Peak	78.00	200	Horizontal	Pass
1**	1485.200	30.04	-16.71	54.0	23.96	AV	78.00	200	Horizontal	Pass
2	4297.200	50.25	-3.99	74.0	23.75	Peak	0.00	100	Horizontal	Pass
2**	4297.200	40.55	-3.99	54.0	13.45	AV	0.00	100	Horizontal	Pass
3	5830.000	105.92	-1.77	--	--	Peak	194.00	150	Horizontal	N/A
3**	5830.000	98.03	-1.77	--	--	AV	194.00	150	Horizontal	N/A
4	7676.200	50.04	-2.52	74.0	23.96	Peak	110.00	400	Horizontal	Pass
4**	7676.200	41.51	-2.52	54.0	12.49	AV	110.00	400	Horizontal	Pass
5	11643.125	53.49	-0.22	74.0	20.51	Peak	360.00	150	Horizontal	Pass
5**	11643.125	43.36	-0.22	54.0	10.64	AV	360.00	150	Horizontal	Pass
6	15515.700	55.42	1.40	74.0	18.58	Peak	336.00	200	Horizontal	Pass
6**	15515.700	46.76	1.40	54.0	7.24	AV	336.00	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	1489.900	39.22	-16.72	74.0	34.78	Peak	136.00	400	Vertical	Pass
1**	1489.900	29.91	-16.72	54.0	24.09	AV	136.00	400	Vertical	Pass
2	4388.400	50.06	-3.40	74.0	23.94	Peak	248.00	400	Vertical	Pass
2**	4388.400	41.63	-3.40	54.0	12.37	AV	248.00	400	Vertical	Pass
3	5829.600	99.23	-1.78	--	--	Peak	111.00	100	Vertical	N/A
3**	5829.600	91.70	-1.78	--	--	AV	111.00	100	Vertical	N/A
4	7336.088	49.82	-3.18	74.0	24.18	Peak	128.00	300	Vertical	Pass
4**	7336.088	40.47	-3.18	54.0	13.53	AV	128.00	300	Vertical	Pass
5	11650.025	53.53	-0.16	74.0	20.47	Peak	62.00	150	Vertical	Pass
5**	11650.025	48.55	-0.16	54.0	5.45	AV	62.00	150	Vertical	Pass
6	16079.287	55.67	1.63	74.0	18.33	Peak	210.00	400	Vertical	Pass
6**	16079.287	46.37	1.63	54.0	7.63	AV	210.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.400	39.51	-16.72	74.0	34.49	Peak	71.00	100	Horizontal	Pass
1**	1486.400	29.55	-16.72	54.0	24.45	AV	71.00	100	Horizontal	Pass
2	4379.800	49.78	-3.28	74.0	24.22	Peak	360.00	300	Horizontal	Pass
2**	4379.800	41.80	-3.28	54.0	12.20	AV	360.00	300	Horizontal	Pass
3	5739.800	103.49	-2.09	--	--	Peak	201.00	150	Horizontal	N/A
3**	5739.800	95.80	-2.09	--	--	AV	201.00	150	Horizontal	N/A
4	7444.475	50.04	-3.22	74.0	23.96	Peak	162.00	400	Horizontal	Pass
4**	7444.475	40.65	-3.22	54.0	13.35	AV	162.00	400	Horizontal	Pass
5	12356.700	53.55	1.17	74.0	20.45	Peak	286.00	200	Horizontal	Pass
5**	12356.700	43.10	1.17	54.0	10.90	AV	286.00	200	Horizontal	Pass
6	15848.287	55.60	1.34	74.0	18.40	Peak	66.00	400	Horizontal	Pass
6**	15848.287	46.74	1.34	54.0	7.26	AV	66.00	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	1595.700	39.57	-17.14	74.0	34.43	Peak	127.00	200	Vertical	Pass
1**	1595.700	30.14	-17.14	54.0	23.86	AV	127.00	200	Vertical	Pass
2	4393.200	50.29	-3.67	74.0	23.71	Peak	353.00	400	Vertical	Pass
2**	4393.200	41.32	-3.67	54.0	12.68	AV	353.00	400	Vertical	Pass
3	5741.200	97.40	-2.21	--	--	Peak	120.00	150	Vertical	N/A
3**	5741.200	89.51	-2.21	--	--	AV	120.00	150	Vertical	N/A
4	7319.413	50.30	-3.03	74.0	23.70	Peak	354.00	100	Vertical	Pass
4**	7319.413	40.22	-3.03	54.0	13.78	AV	354.00	100	Vertical	Pass
5	11509.151	52.35	-0.20	74.0	21.65	Peak	70.00	150	Vertical	Pass
5**	11509.151	47.37	-0.20	54.0	6.63	AV	70.00	150	Vertical	Pass
6	16105.012	56.71	0.98	74.0	17.29	Peak	261.00	400	Vertical	Pass
6**	16105.012	45.97	0.98	54.0	8.03	AV	261.00	400	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	1613.900	39.72	-17.48	74.0	34.28	Peak	64.00	200	Horizontal	Pass
1**	1613.900	29.00	-17.48	54.0	25.00	AV	64.00	200	Horizontal	Pass
2	4387.200	50.03	-3.34	74.0	23.97	Peak	49.00	400	Horizontal	Pass
2**	4387.200	41.47	-3.34	54.0	12.53	AV	49.00	400	Horizontal	Pass
3	5780.200	104.15	-1.74	--	--	Peak	197.00	150	Horizontal	N/A
3**	5780.200	96.52	-1.74	--	--	AV	197.00	150	Horizontal	N/A
4	7633.362	49.63	-2.91	74.0	24.37	Peak	127.00	200	Horizontal	Pass
4**	7633.362	41.17	-2.91	54.0	12.83	AV	127.00	200	Horizontal	Pass
5	11942.700	53.03	1.61	74.0	20.97	Peak	246.00	100	Horizontal	Pass
5**	11942.700	44.81	1.61	54.0	9.19	AV	246.00	100	Horizontal	Pass
6	15838.312	56.15	1.45	74.0	17.85	Peak	97.00	100	Horizontal	Pass
6**	15838.312	46.78	1.45	54.0	7.22	AV	97.00	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	1512.900	39.70	-17.25	74.0	34.30	Peak	68.00	300	Vertical	Pass
1**	1512.900	29.54	-17.25	54.0	24.46	AV	68.00	300	Vertical	Pass
2	4373.400	50.13	-3.81	74.0	23.87	Peak	360.00	300	Vertical	Pass
2**	4373.400	41.01	-3.81	54.0	12.99	AV	360.00	300	Vertical	Pass
3	5782.200	97.77	-1.33	--	--	Peak	119.00	100	Vertical	N/A
3**	5782.200	89.51	-1.33	--	--	AV	119.00	100	Vertical	N/A
4	7466.612	49.61	-3.31	74.0	24.39	Peak	169.00	300	Vertical	Pass
4**	7466.612	39.93	-3.31	54.0	14.07	AV	169.00	300	Vertical	Pass
5	11590.513	52.50	-0.21	74.0	21.50	Peak	67.00	150	Vertical	Pass
5**	11590.513	46.78	-0.21	54.0	7.22	AV	67.00	150	Vertical	Pass
6	15567.412	55.56	1.37	74.0	18.44	Peak	198.00	150	Vertical	Pass
6**	15567.412	45.15	1.37	54.0	8.85	AV	198.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.100	39.24	-16.85	74.0	34.76	Peak	333.00	400	Horizontal	Pass
1**	1585.100	30.31	-16.85	54.0	23.69	AV	333.00	400	Horizontal	Pass
2	4620.200	51.99	-3.28	74.0	22.01	Peak	236.00	150	Horizontal	Pass
2**	4620.200	47.79	-3.28	54.0	6.21	AV	236.00	150	Horizontal	Pass
3	5760.200	100.97	-1.68	--	--	Peak	202.00	200	Horizontal	N/A
3**	5760.200	93.68	-1.68	--	--	AV	202.00	200	Horizontal	N/A
4	7446.488	50.19	-3.15	74.0	23.81	Peak	133.00	100	Horizontal	Pass
4**	7446.488	40.40	-3.15	54.0	13.60	AV	133.00	100	Horizontal	Pass
5	11499.950	53.07	0.05	74.0	20.93	Peak	65.00	100	Horizontal	Pass
5**	11499.950	43.70	0.05	54.0	10.30	AV	65.00	100	Horizontal	Pass
6	15846.974	56.03	1.35	74.0	17.97	Peak	212.00	400	Horizontal	Pass
6**	15846.974	48.33	1.35	54.0	5.67	AV	212.00	400	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	1621.000	39.54	-17.05	74.0	34.46	Peak	173.00	200	Vertical	Pass
1**	1621.000	29.93	-17.05	54.0	24.07	AV	173.00	200	Vertical	Pass
2	4284.200	50.73	-4.14	74.0	23.27	Peak	96.00	100	Vertical	Pass
2**	4284.200	40.75	-4.14	54.0	13.25	AV	96.00	100	Vertical	Pass
3	5754.200	95.33	-2.20	--	--	Peak	119.00	150	Vertical	N/A
3**	5754.200	86.93	-2.20	--	--	AV	119.00	150	Vertical	N/A
4	7692.300	49.70	-2.48	74.0	24.30	Peak	125.00	400	Vertical	Pass
4**	7692.300	39.70	-2.48	54.0	14.30	AV	125.00	400	Vertical	Pass
5	12292.013	53.30	1.63	74.0	20.70	Peak	196.00	100	Vertical	Pass
5**	12292.013	43.85	1.63	54.0	10.15	AV	196.00	100	Vertical	Pass
6	16026.000	55.64	0.68	74.0	18.36	Peak	285.00	400	Vertical	Pass
6**	16026.000	46.04	0.68	54.0	7.96	AV	285.00	400	Vertical	Pass

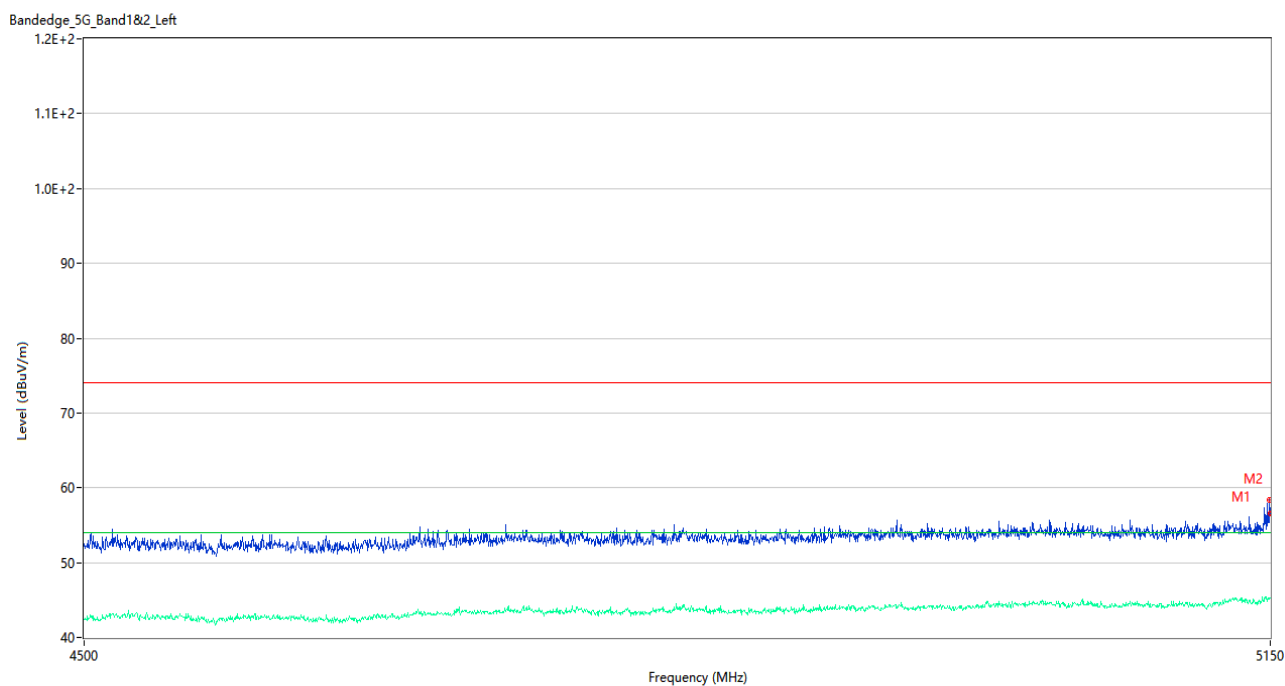
A.6.2 Band Edge (Restricted-band)

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
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
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
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(VHT80)	Low	Pass
		High	Pass

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

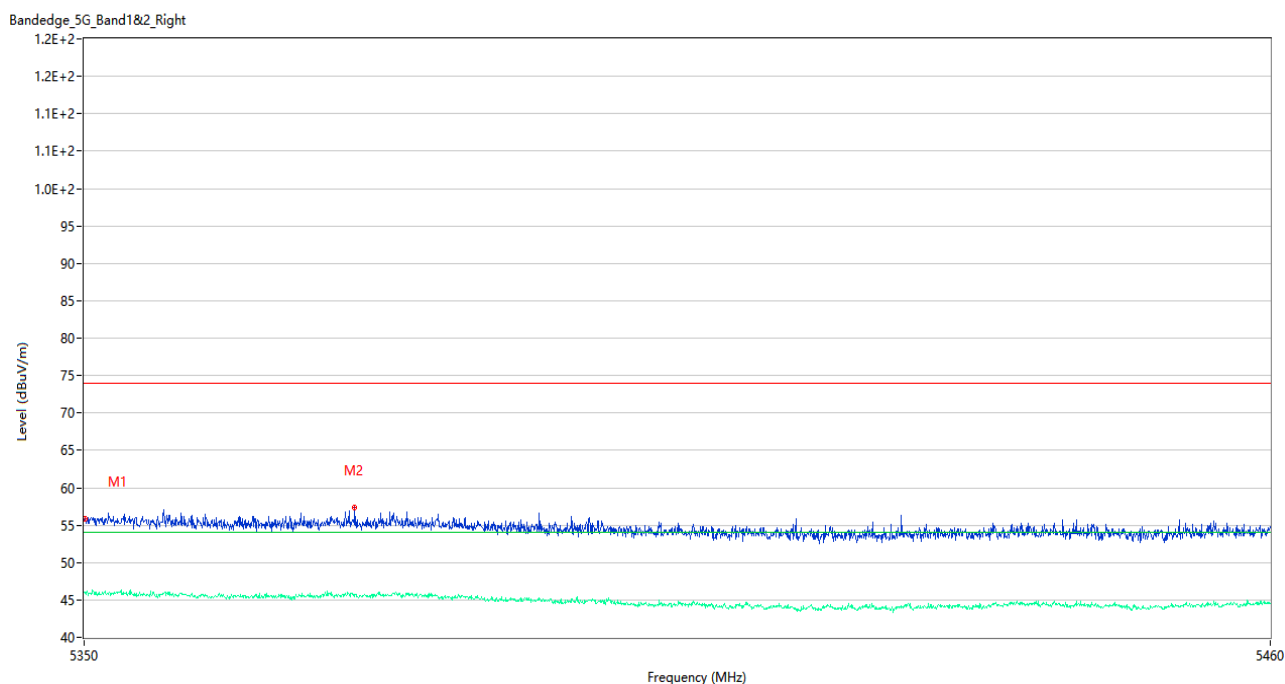
Test Data and Plots

U-NII-1 11a Low Channel



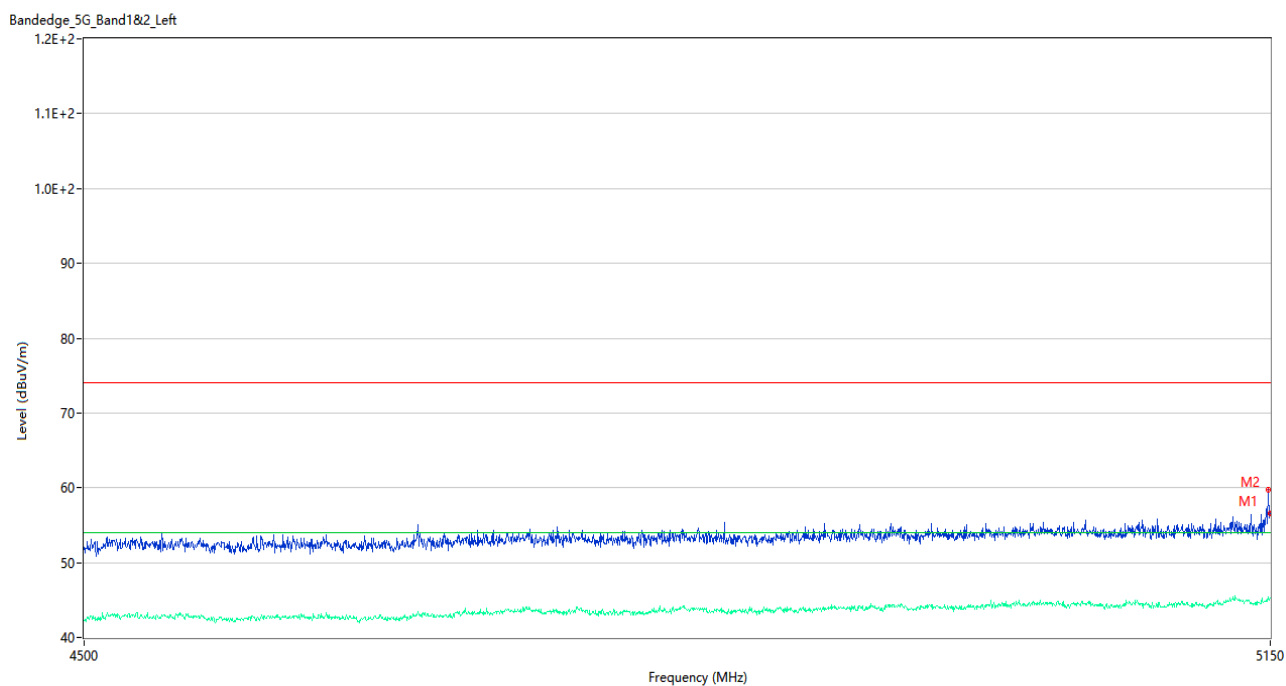
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	58.34	2.85	74.0	15.66	Peak	142.00	150	Horizontal	Pass
1**	5149.675	45.25	2.85	54.0	8.75	AV	142.00	150	Horizontal	Pass
2	5150.000	56.60	2.86	74.0	17.40	Peak	177.00	100	Horizontal	Pass
2**	5150.000	45.23	2.86	54.0	8.77	AV	177.00	100	Horizontal	Pass

U-NII-1 11a High Channel



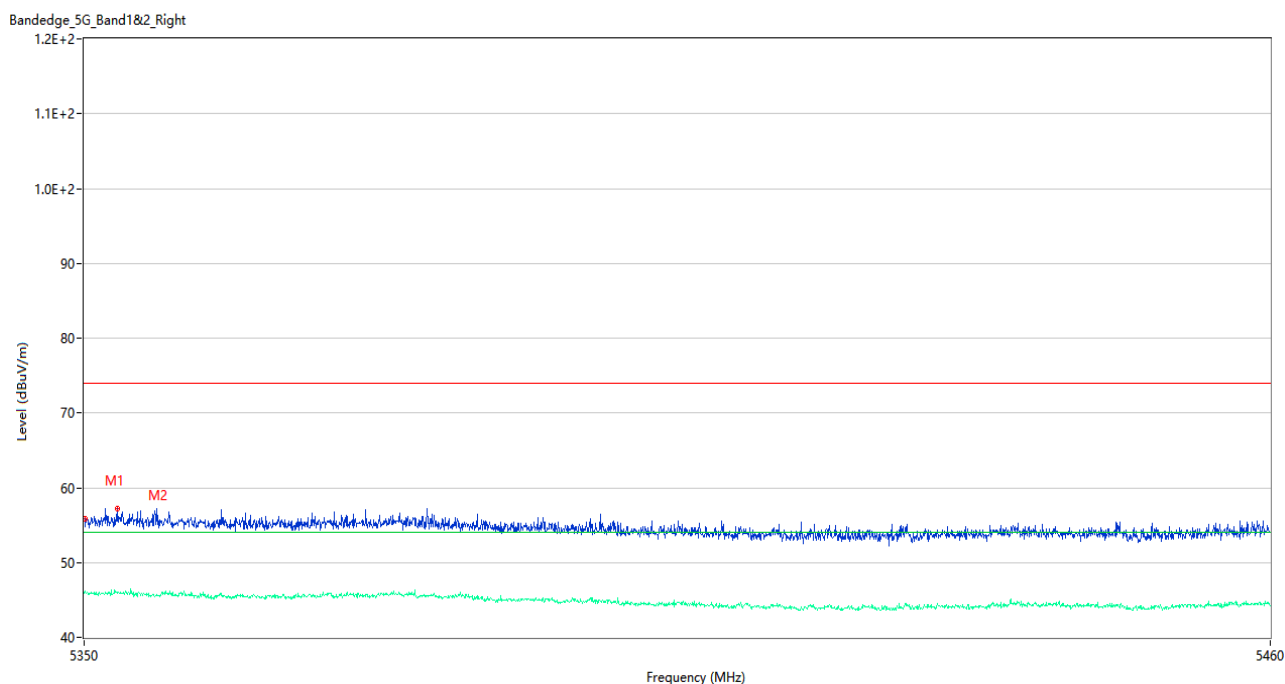
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.84	3.30	74.0	18.16	Peak	345.00	200	Horizontal	Pass
1**	5350.055	46.09	3.30	54.0	7.91	AV	345.00	200	Horizontal	Pass
2	5374.915	57.40	2.93	74.0	16.60	Peak	0.00	200	Horizontal	Pass
2**	5374.915	45.46	2.93	54.0	8.54	AV	0.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



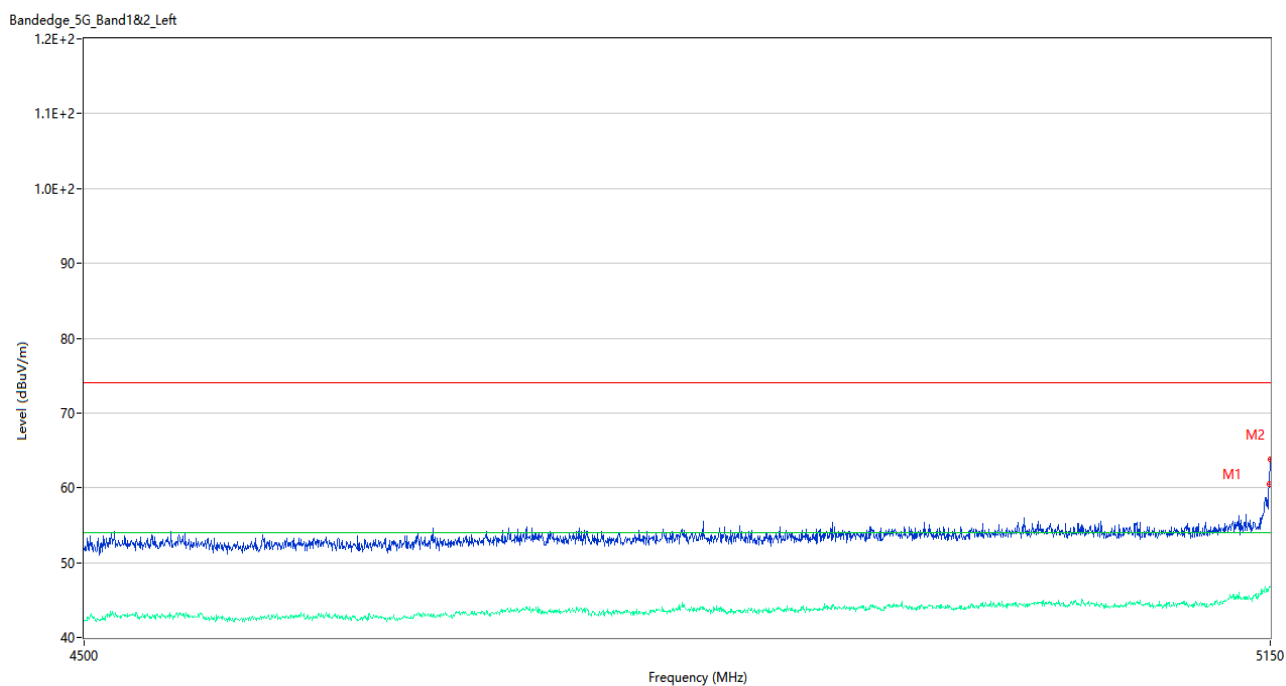
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	59.74	2.84	74.0	14.26	Peak	147.00	150	Horizontal	Pass
1**	5148.700	45.36	2.84	54.0	8.64	AV	147.00	150	Horizontal	Pass
2	5150.000	56.57	2.86	74.0	17.43	Peak	154.00	100	Horizontal	Pass
2**	5150.000	45.21	2.86	54.0	8.79	AV	154.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



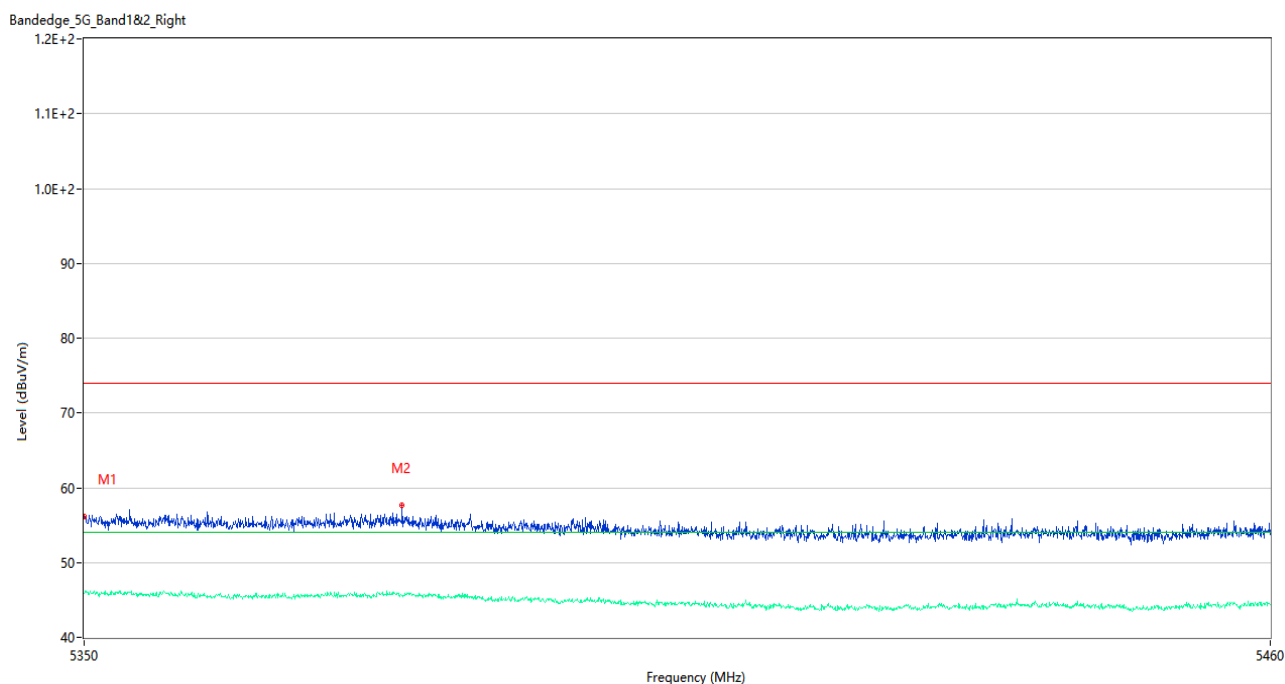
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.84	3.30	74.0	18.16	Peak	92.00	100	Horizontal	Pass
1**	5350.055	46.15	3.30	54.0	7.85	AV	92.00	100	Horizontal	Pass
2	5353.025	57.24	3.23	74.0	16.76	Peak	92.00	100	Horizontal	Pass
2**	5353.025	46.00	3.23	54.0	8.00	AV	92.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



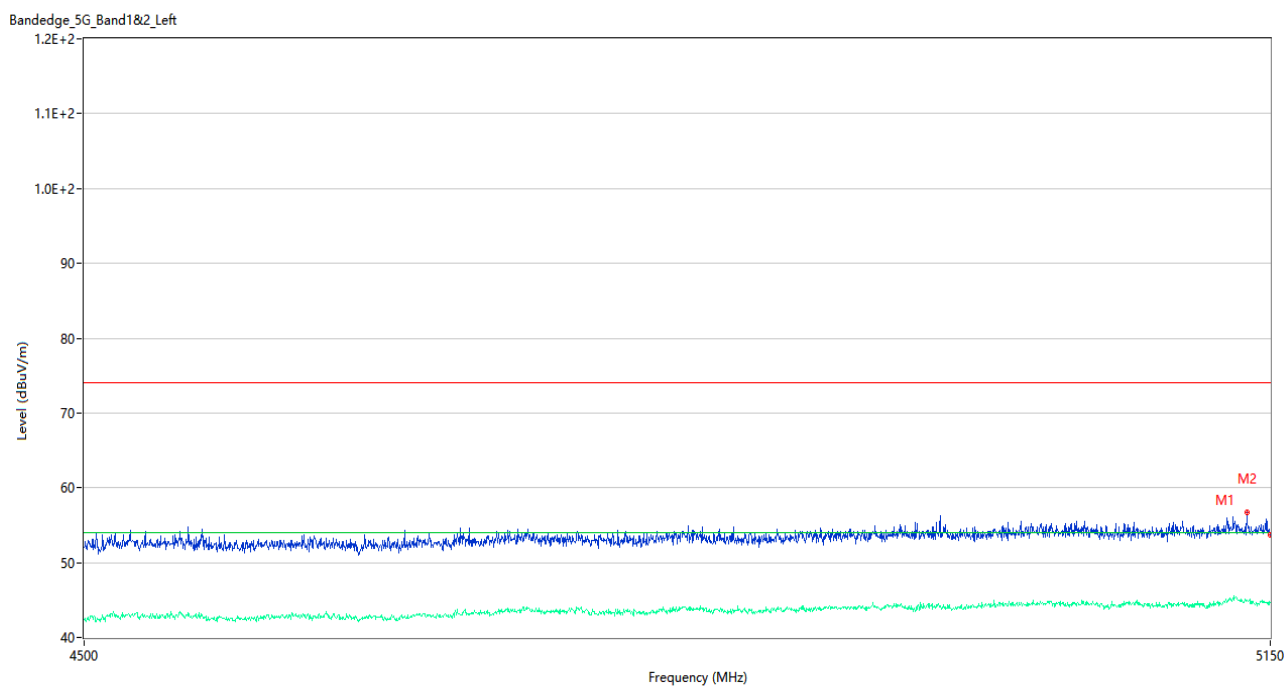
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.56	2.85	74.0	13.44	Peak	145.00	150	Horizontal	Pass
1**	5149.675	46.78	2.85	54.0	7.22	AV	145.00	150	Horizontal	Pass
2	5150.000	63.88	2.86	74.0	10.12	Peak	167.00	100	Horizontal	Pass
2**	5150.000	46.82	2.86	54.0	7.18	AV	167.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel



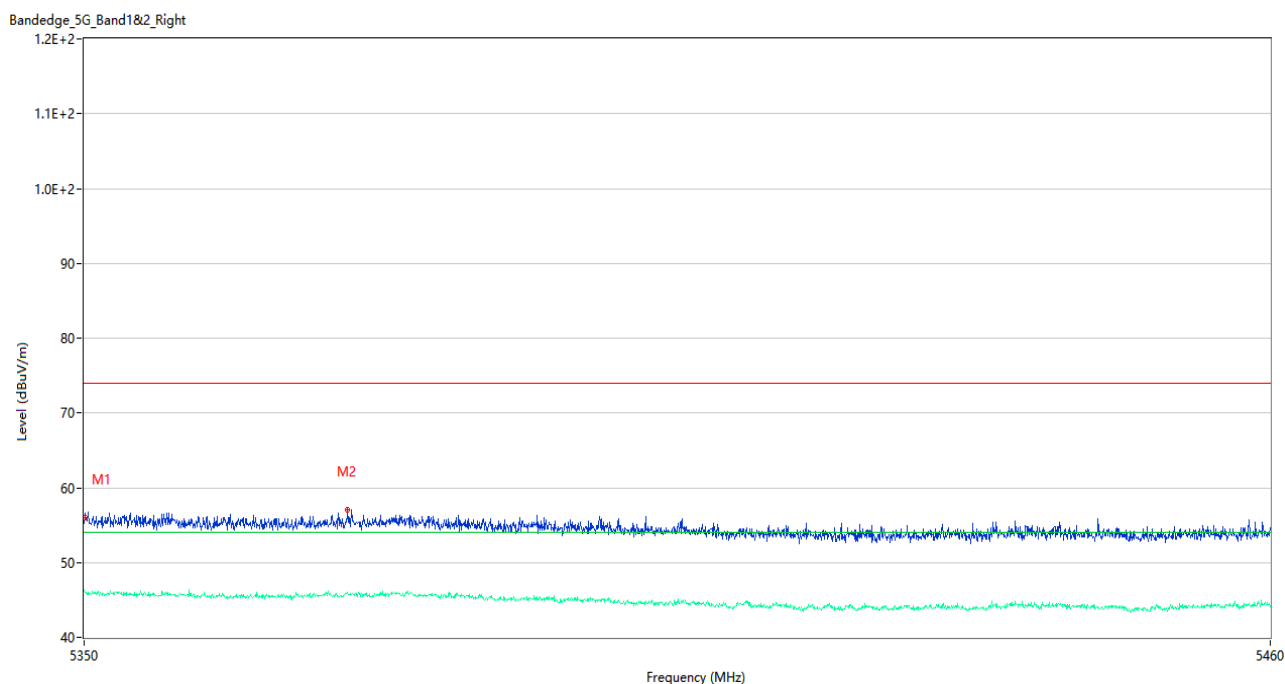
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.18	3.32	74.0	17.82	Peak	352.00	100	Horizontal	Pass
1**	5350.000	45.88	3.32	54.0	8.12	AV	352.00	100	Horizontal	Pass
2	5379.260	57.66	3.01	74.0	16.34	Peak	0.00	200	Horizontal	Pass
2**	5379.260	45.51	3.01	54.0	8.49	AV	0.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



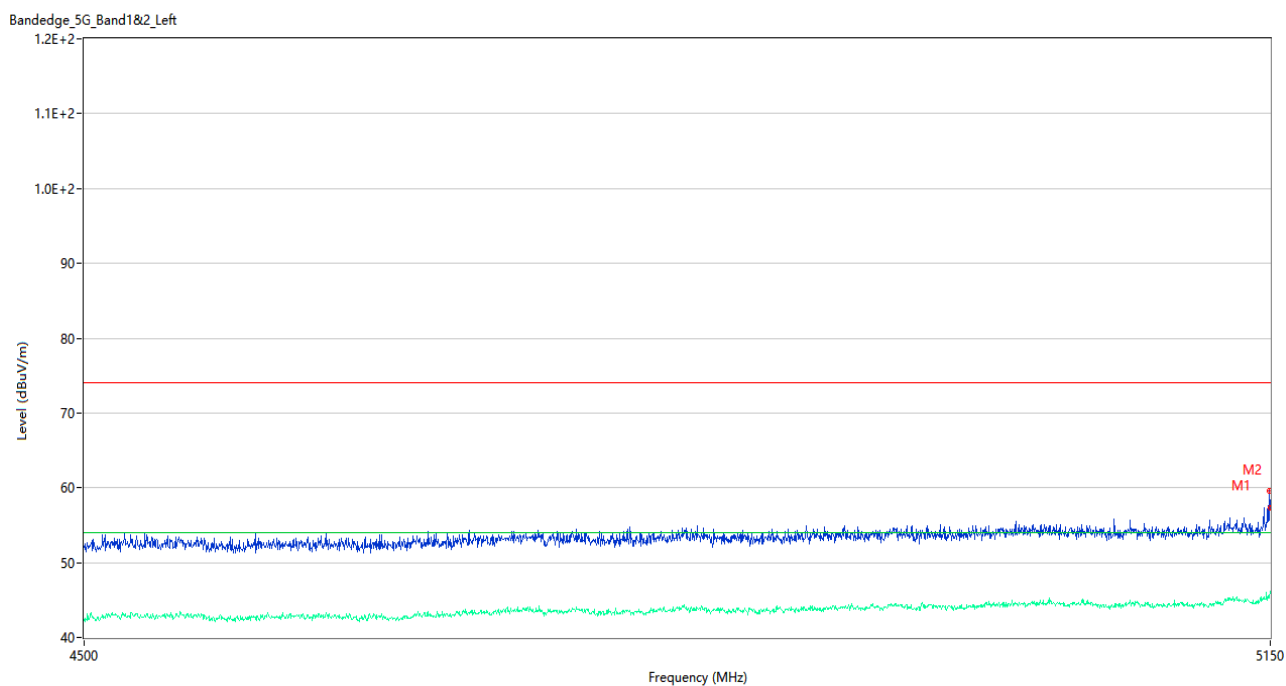
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5136.350	56.73	3.19	74.0	17.27	Peak	360.00	100	Horizontal	Pass
1**	5136.350	44.94	3.19	54.0	9.06	AV	360.00	100	Horizontal	Pass
2	5150.000	53.66	2.86	74.0	20.34	Peak	109.00	200	Horizontal	Pass
2**	5150.000	44.61	2.86	54.0	9.39	AV	109.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel



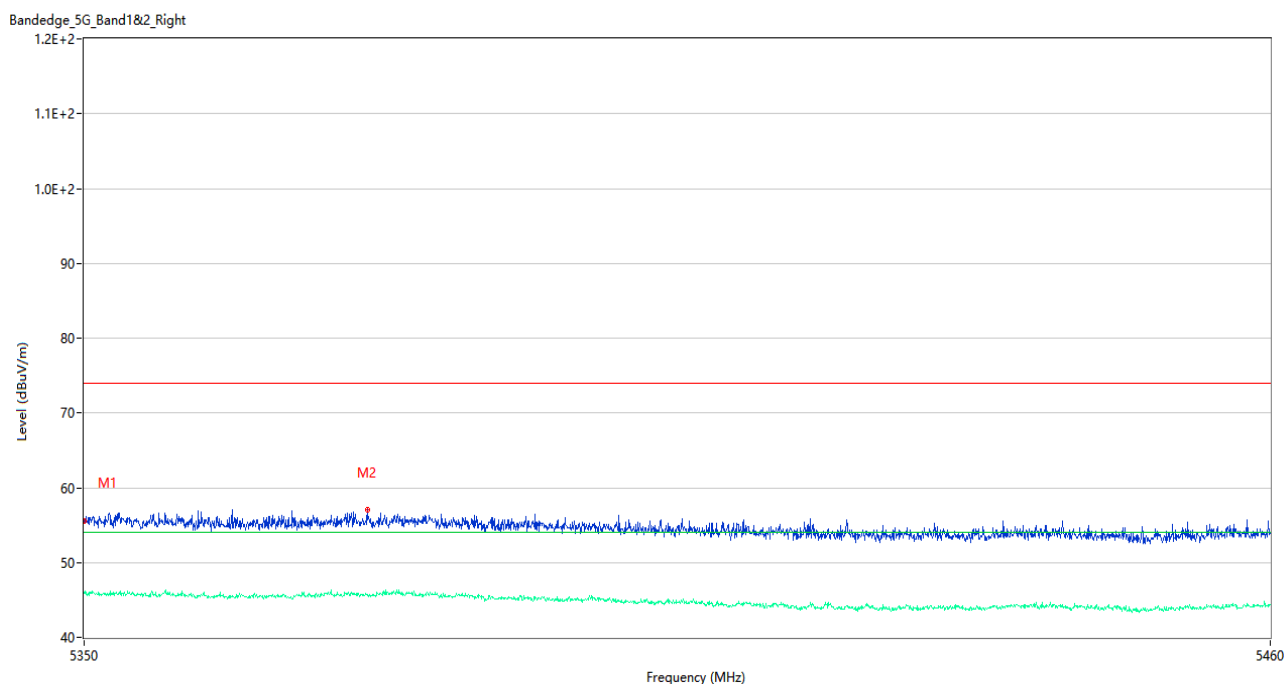
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.97	3.30	74.0	18.03	Peak	298.00	200	Horizontal	Pass
1**	5350.055	46.07	3.30	54.0	7.93	AV	298.00	200	Horizontal	Pass
2	5374.255	57.13	2.99	74.0	16.87	Peak	256.00	100	Horizontal	Pass
2**	5374.255	46.02	2.99	54.0	7.98	AV	256.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



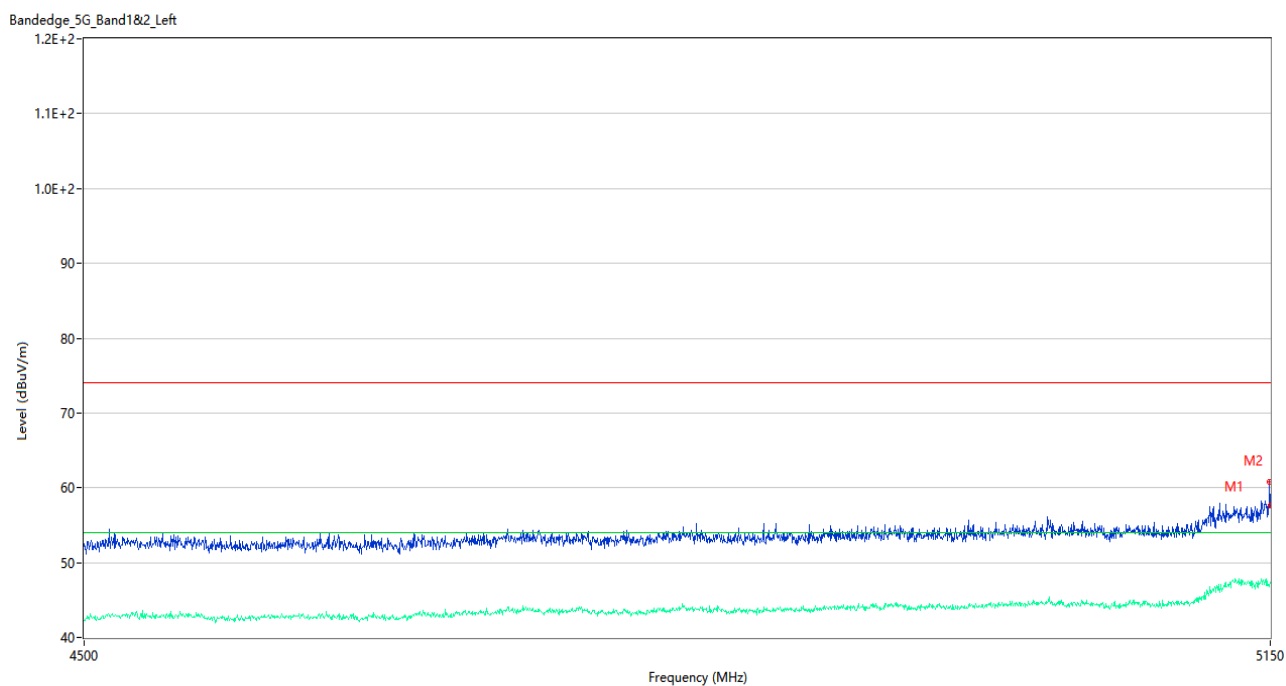
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	59.66	2.85	74.0	14.34	Peak	141.00	200	Horizontal	Pass
1**	5149.675	45.34	2.85	54.0	8.66	AV	141.00	200	Horizontal	Pass
2	5150.000	57.36	2.86	74.0	16.64	Peak	173.00	200	Horizontal	Pass
2**	5150.000	46.25	2.86	54.0	7.75	AV	173.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



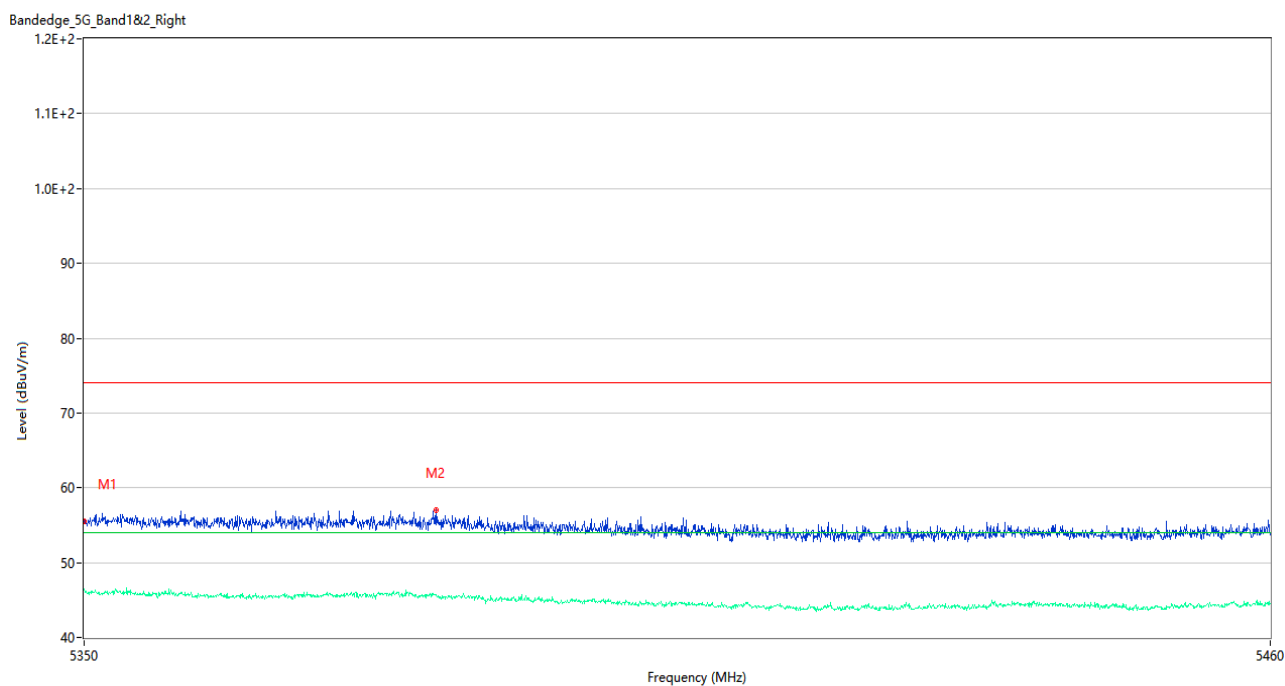
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.61	3.32	74.0	18.39	Peak	238.00	200	Horizontal	Pass
1**	5350.000	45.86	3.32	54.0	8.14	AV	238.00	200	Horizontal	Pass
2	5376.070	57.02	2.94	74.0	16.98	Peak	30.00	150	Horizontal	Pass
2**	5376.070	45.55	2.94	54.0	8.45	AV	30.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



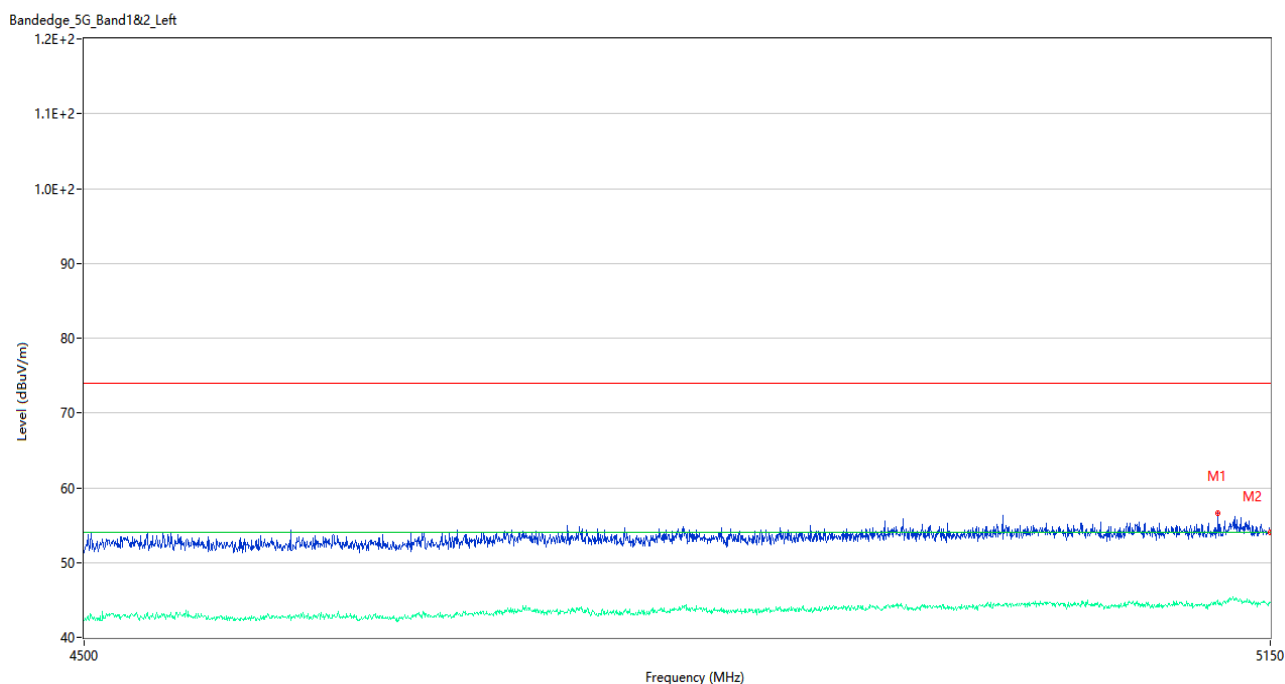
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.82	2.85	74.0	13.18	Peak	157.00	150	Horizontal	Pass
1**	5149.675	46.91	2.85	54.0	7.09	AV	157.00	150	Horizontal	Pass
2	5150.000	57.57	2.86	74.0	16.43	Peak	125.00	100	Horizontal	Pass
2**	5150.000	47.44	2.86	54.0	6.56	AV	125.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



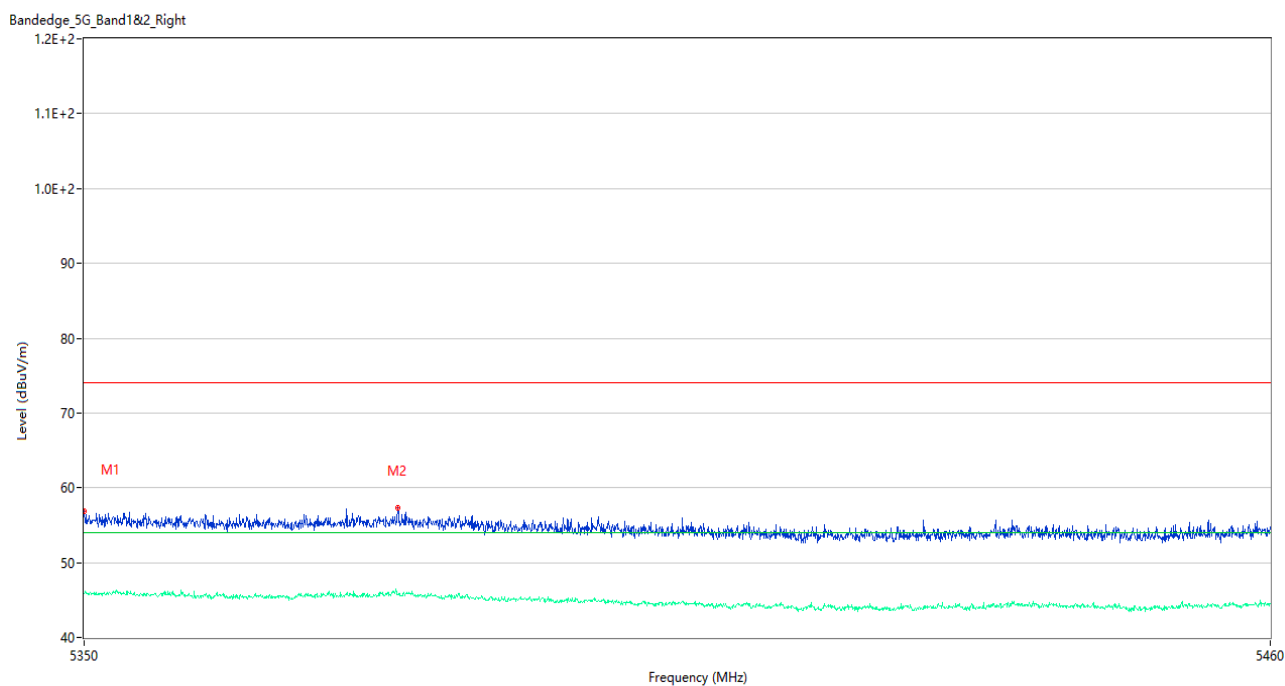
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.53	3.32	74.0	18.47	Peak	327.00	200	Horizontal	Pass
1**	5350.000	46.43	3.32	54.0	7.57	AV	327.00	200	Horizontal	Pass
2	5382.450	57.00	3.05	74.0	17.00	Peak	360.00	150	Horizontal	Pass
2**	5382.450	45.52	3.05	54.0	8.48	AV	360.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



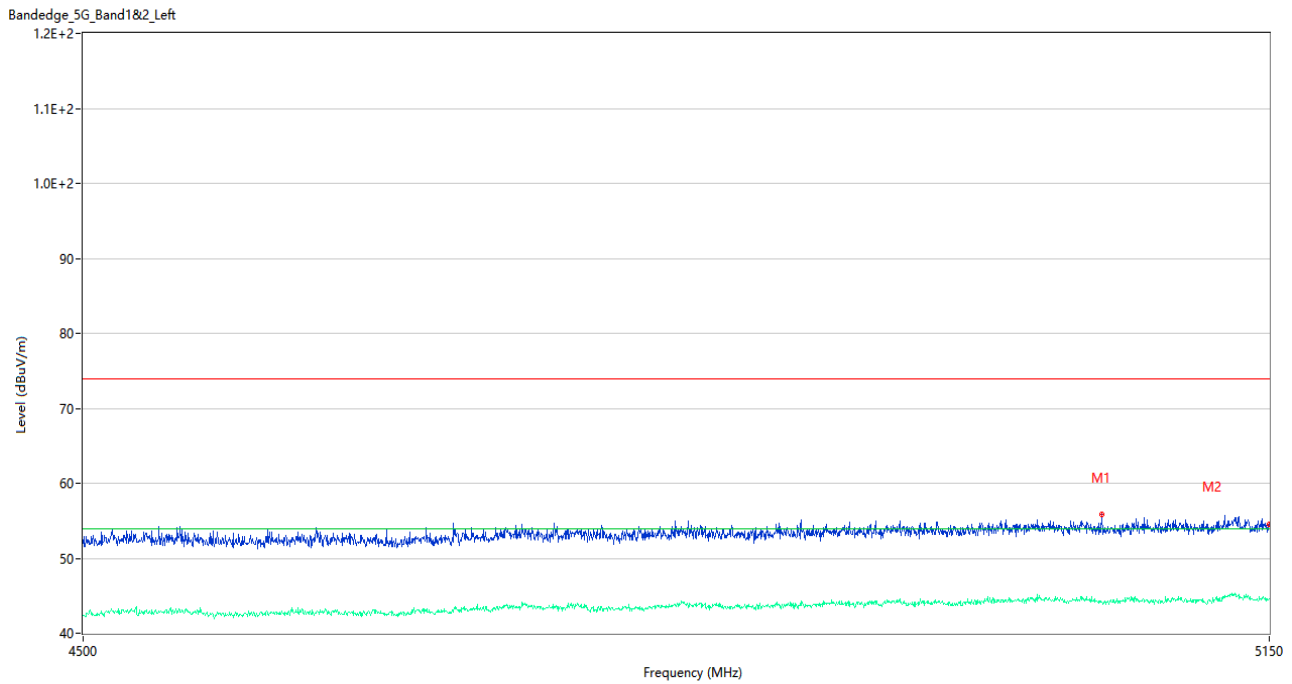
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5119.450	56.66	2.85	74.0	17.34	Peak	25.00	200	Horizontal	Pass
1**	5119.450	44.58	2.85	54.0	9.42	AV	25.00	200	Horizontal	Pass
2	5150.000	54.08	2.86	74.0	19.92	Peak	0.00	200	Horizontal	Pass
2**	5150.000	44.61	2.86	54.0	9.39	AV	0.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



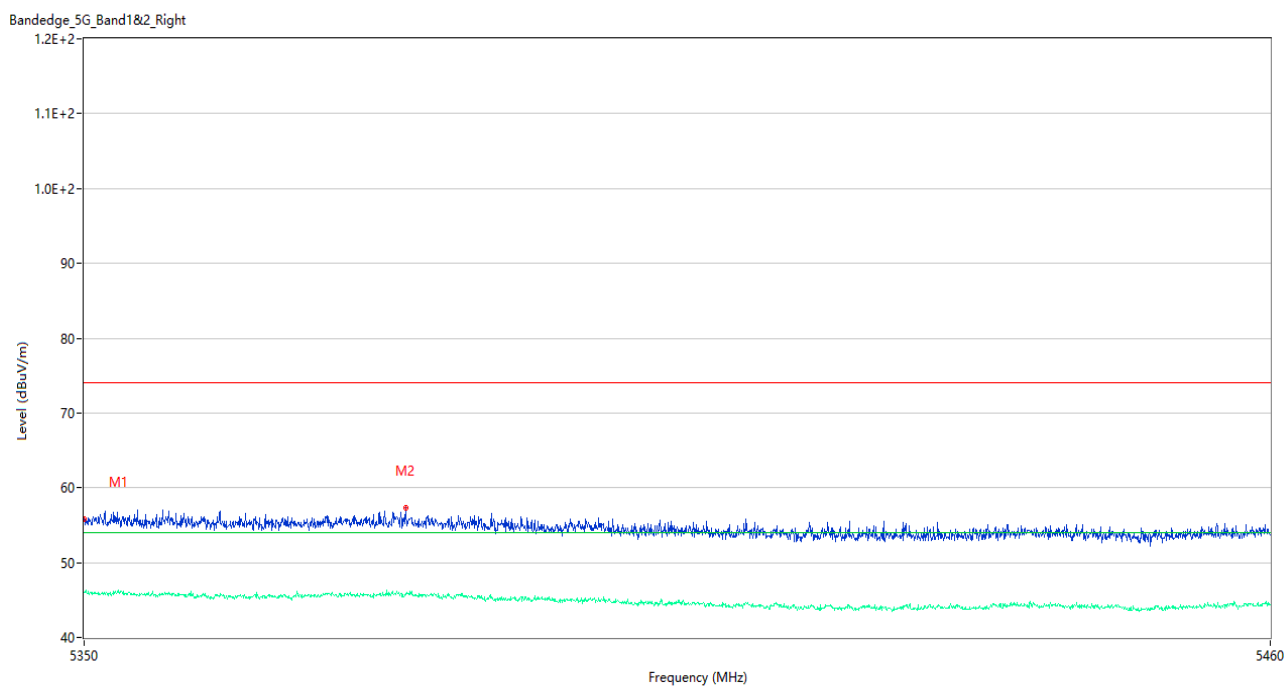
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.93	3.32	74.0	17.07	Peak	70.00	150	Horizontal	Pass
1**	5350.000	45.92	3.32	54.0	8.08	AV	70.00	150	Horizontal	Pass
2	5378.875	57.30	3.24	74.0	16.70	Peak	77.00	200	Horizontal	Pass
2**	5378.875	45.78	3.24	54.0	8.22	AV	77.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



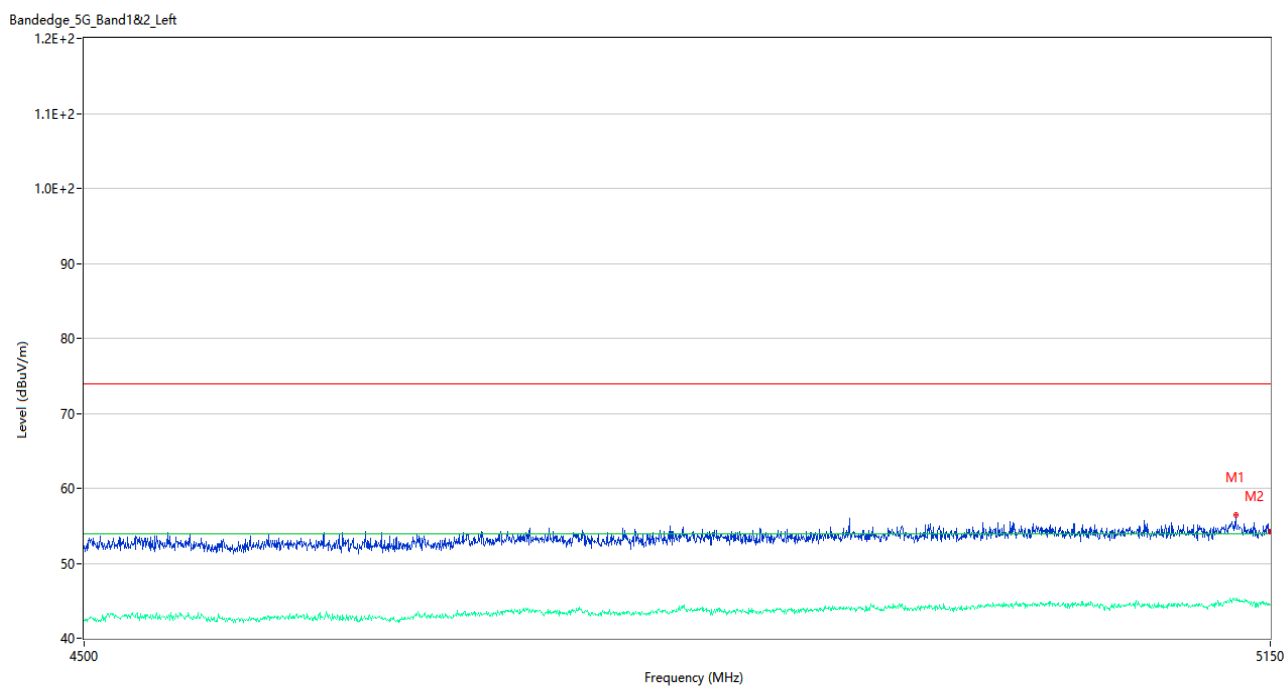
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5052.825	55.81	2.70	74.0	18.19	Peak	244.00	150	Horizontal	Pass
1**	5052.825	44.11	2.70	54.0	9.89	AV	244.00	150	Horizontal	Pass
2	5150.000	54.56	2.86	74.0	19.44	Peak	241.00	200	Horizontal	Pass
2**	5150.000	44.54	2.86	54.0	9.46	AV	241.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



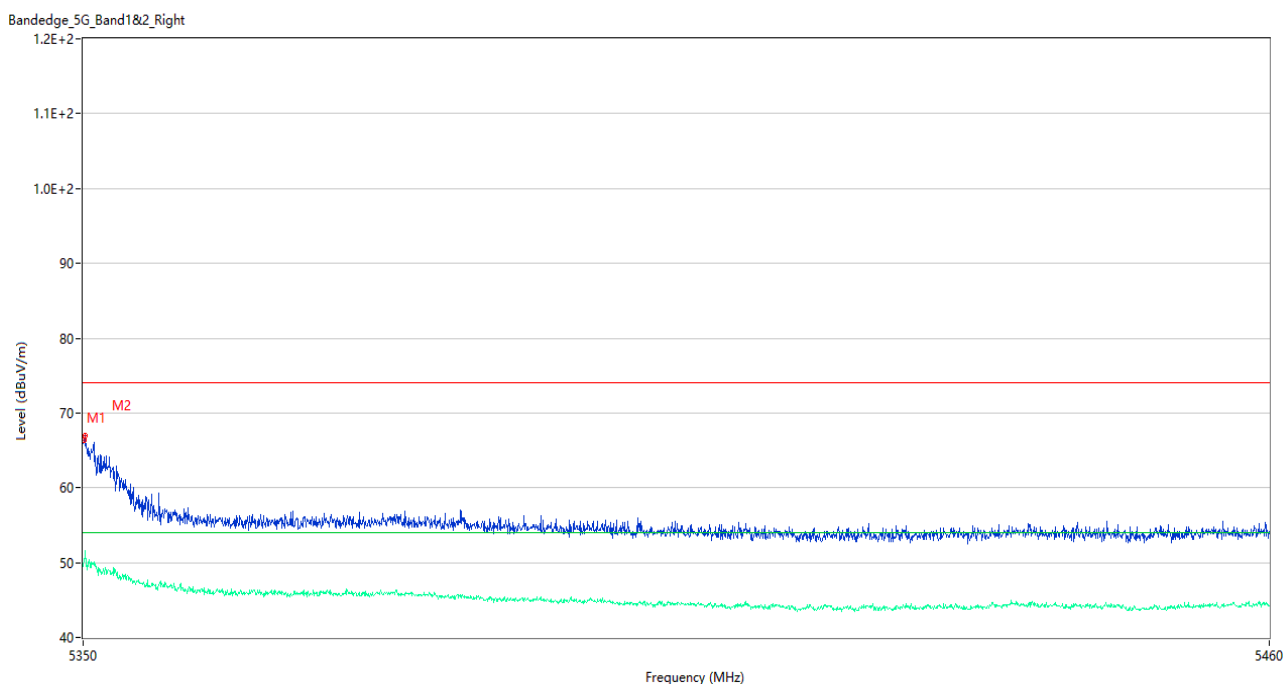
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.84	3.32	74.0	18.16	Peak	0.00	150	Horizontal	Pass
1**	5350.000	46.06	3.32	54.0	7.94	AV	0.00	150	Horizontal	Pass
2	5379.590	57.29	3.14	74.0	16.71	Peak	347.00	200	Horizontal	Pass
2**	5379.590	45.89	3.14	54.0	8.11	AV	347.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



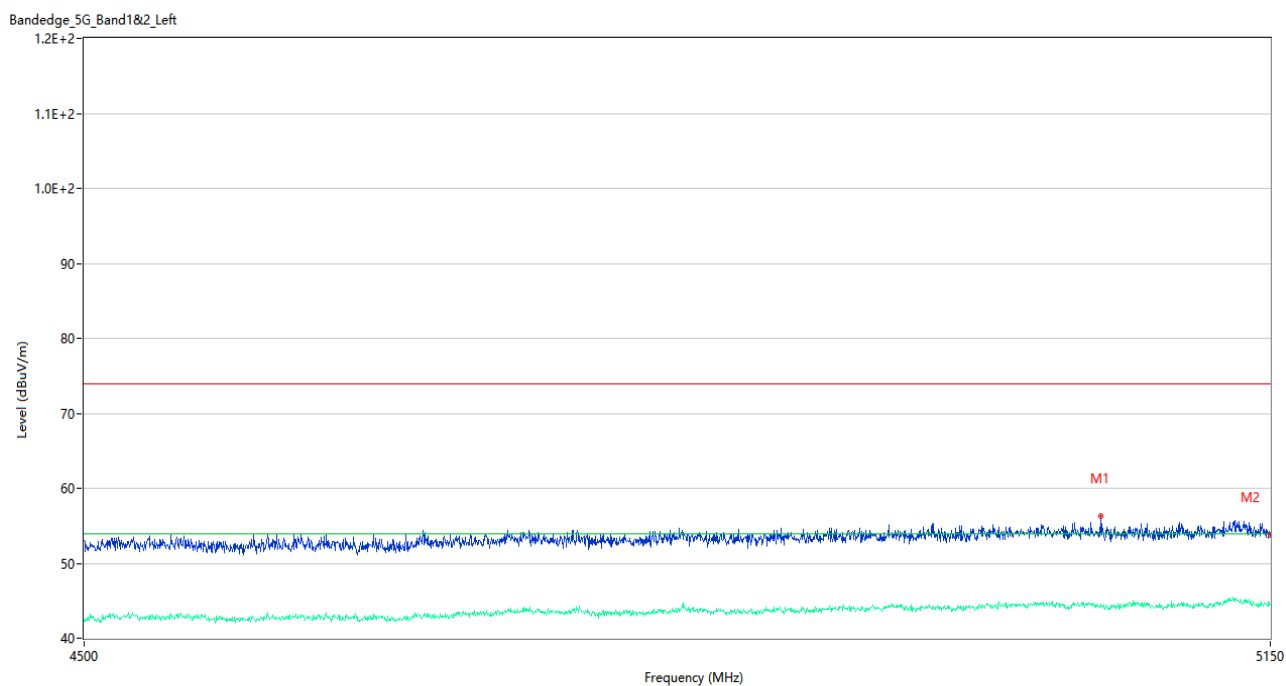
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5129.850	56.45	3.47	74.0	17.55	Peak	196.00	100	Horizontal	Pass
1**	5129.850	45.15	3.47	54.0	8.85	AV	196.00	100	Horizontal	Pass
2	5150.000	54.26	2.86	74.0	19.74	Peak	0.00	100	Horizontal	Pass
2**	5150.000	44.48	2.86	54.0	9.52	AV	0.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



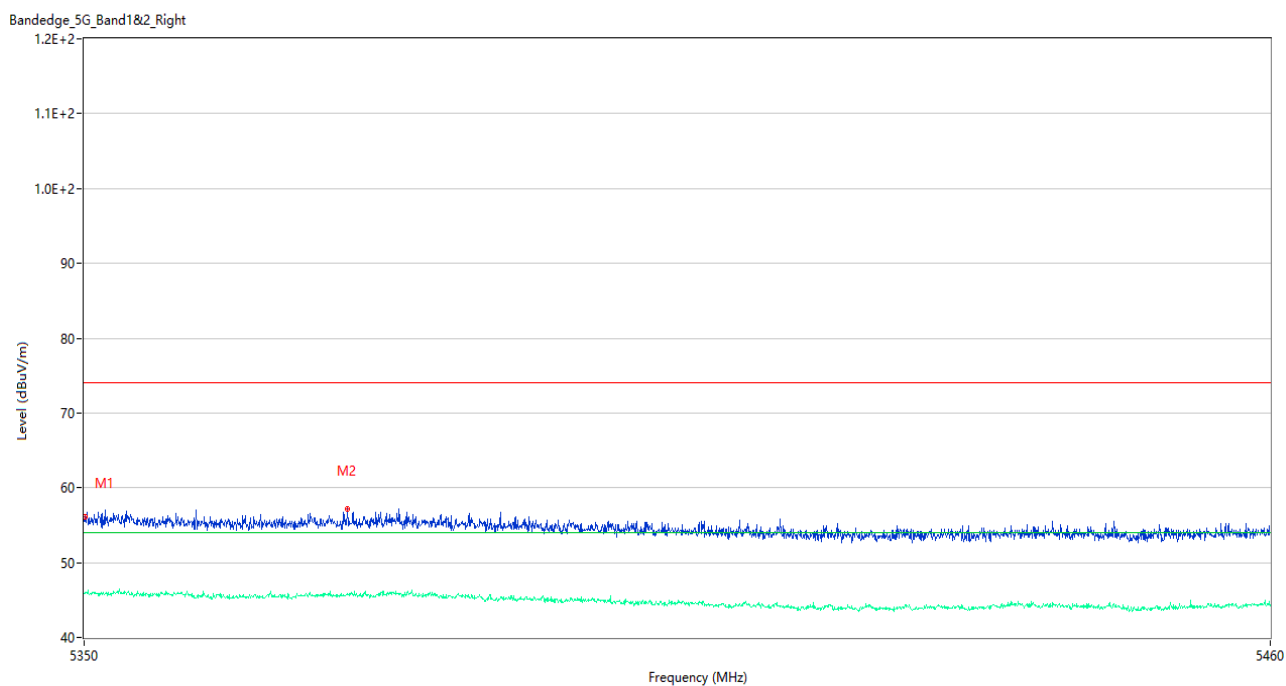
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.38	3.30	74.0	7.62	Peak	159.00	100	Horizontal	Pass
1**	5350.055	50.36	3.30	54.0	3.64	AV	159.00	100	Horizontal	Pass
2	5350.165	66.98	3.25	74.0	7.02	Peak	159.00	150	Horizontal	Pass
2**	5350.165	50.50	3.25	54.0	3.50	AV	159.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



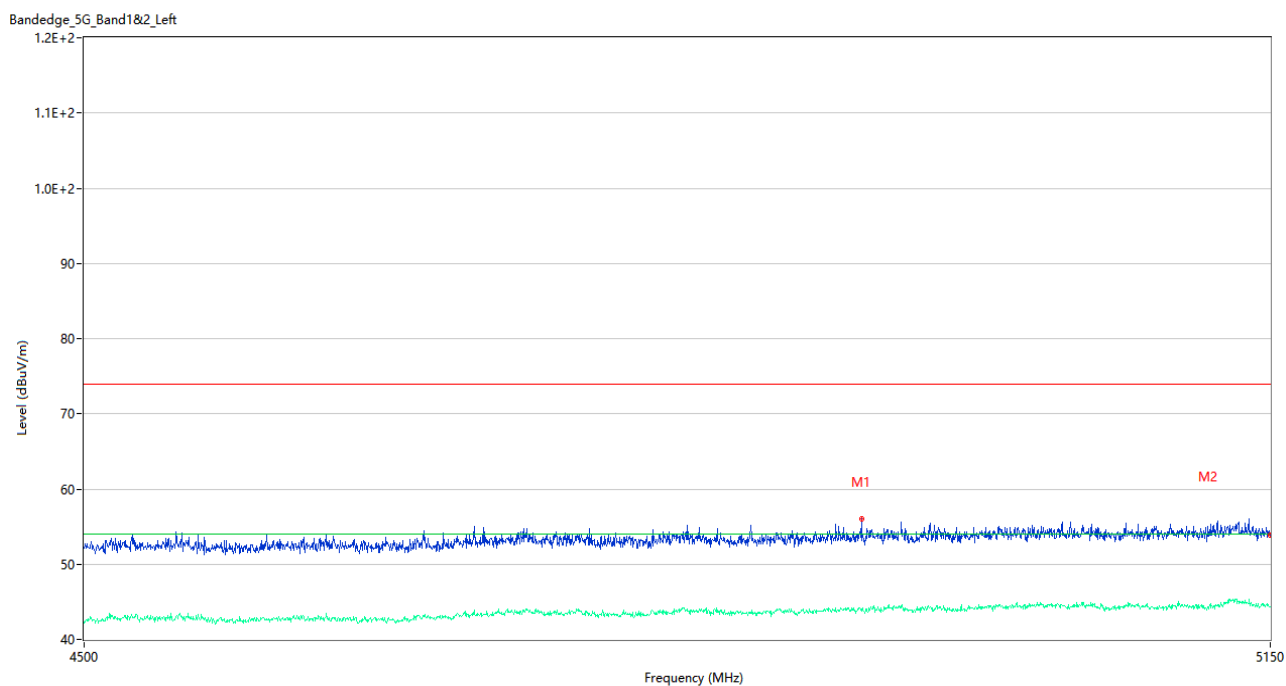
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5051.850	56.27	2.83	74.0	17.73	Peak	107.00	100	Horizontal	Pass
1**	5051.850	44.49	2.83	54.0	9.51	AV	107.00	100	Horizontal	Pass
2	5150.000	53.78	2.86	74.0	20.22	Peak	278.00	150	Horizontal	Pass
2**	5150.000	44.47	2.86	54.0	9.53	AV	278.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



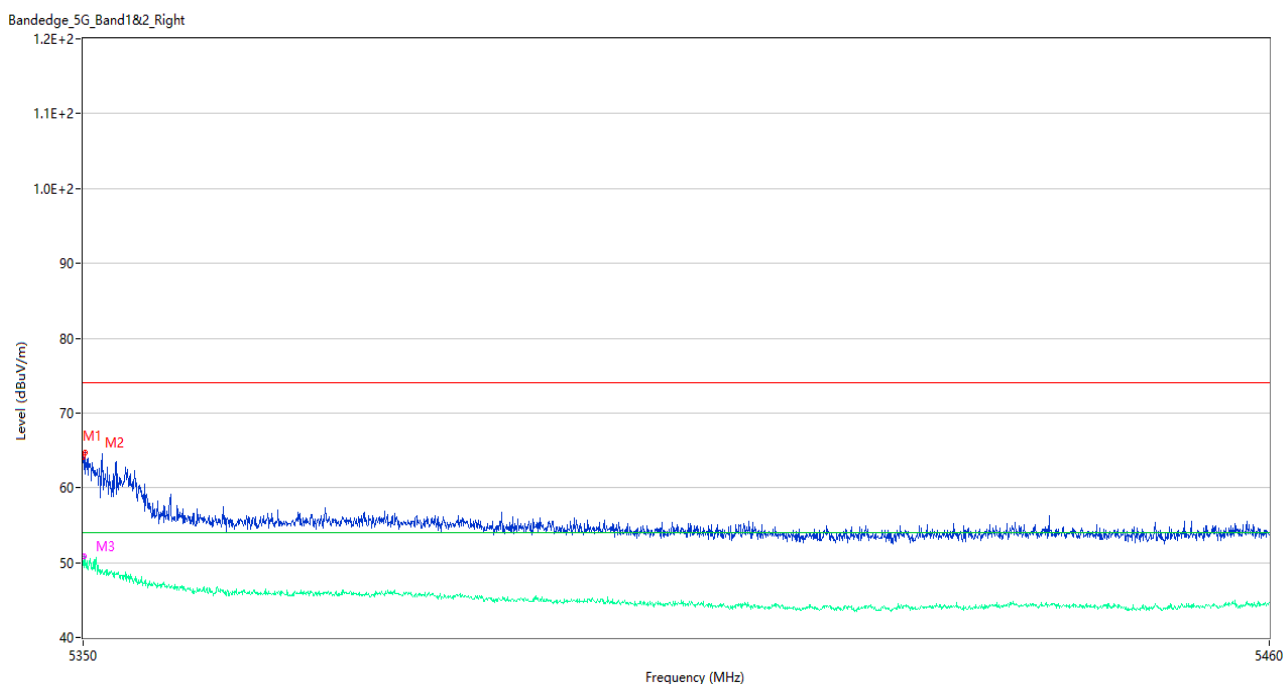
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.11	3.30	74.0	17.89	Peak	78.00	200	Horizontal	Pass
1**	5350.055	45.80	3.30	54.0	8.20	AV	78.00	200	Horizontal	Pass
2	5374.255	57.23	2.99	74.0	16.77	Peak	360.00	100	Horizontal	Pass
2**	5374.255	45.79	2.99	54.0	8.21	AV	360.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



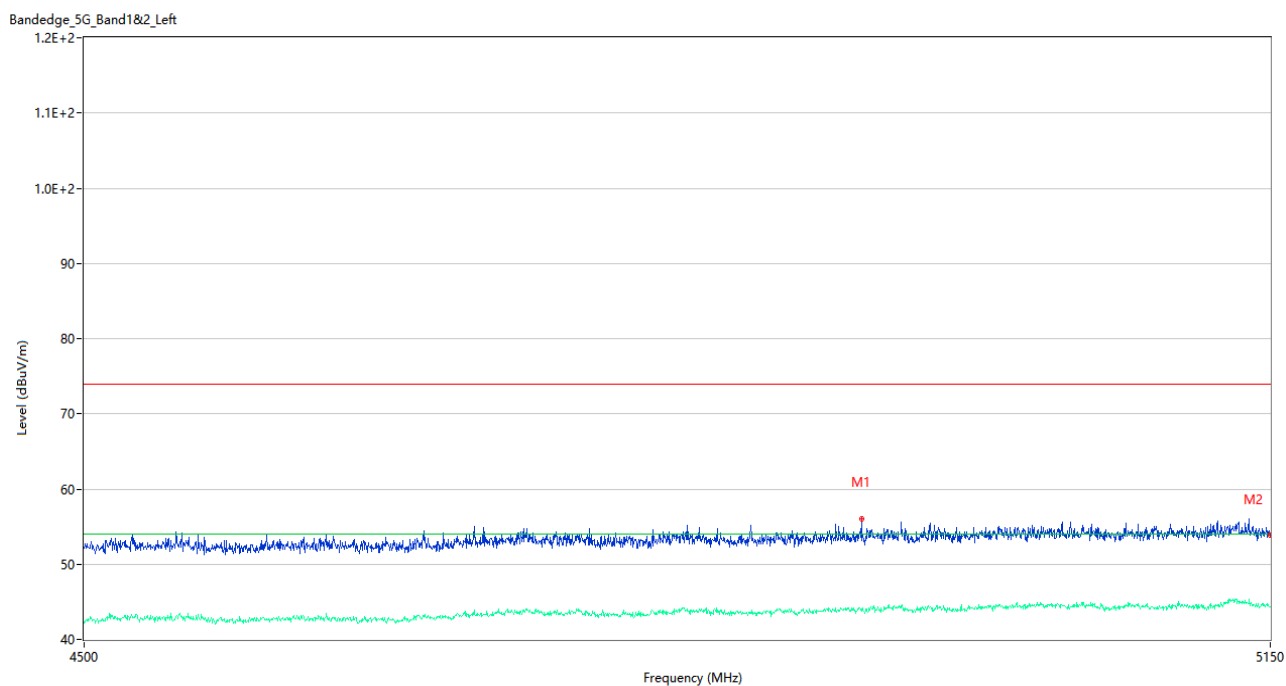
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4916.000	56.01	2.25	74.0	17.99	Peak	184.00	200	Horizontal	Pass
1**	4916.000	43.74	2.25	54.0	10.26	AV	184.00	200	Horizontal	Pass
2	5150.000	53.80	2.86	74.0	20.20	Peak	226.00	200	Horizontal	Pass
2**	5150.000	44.28	2.86	54.0	9.72	AV	226.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



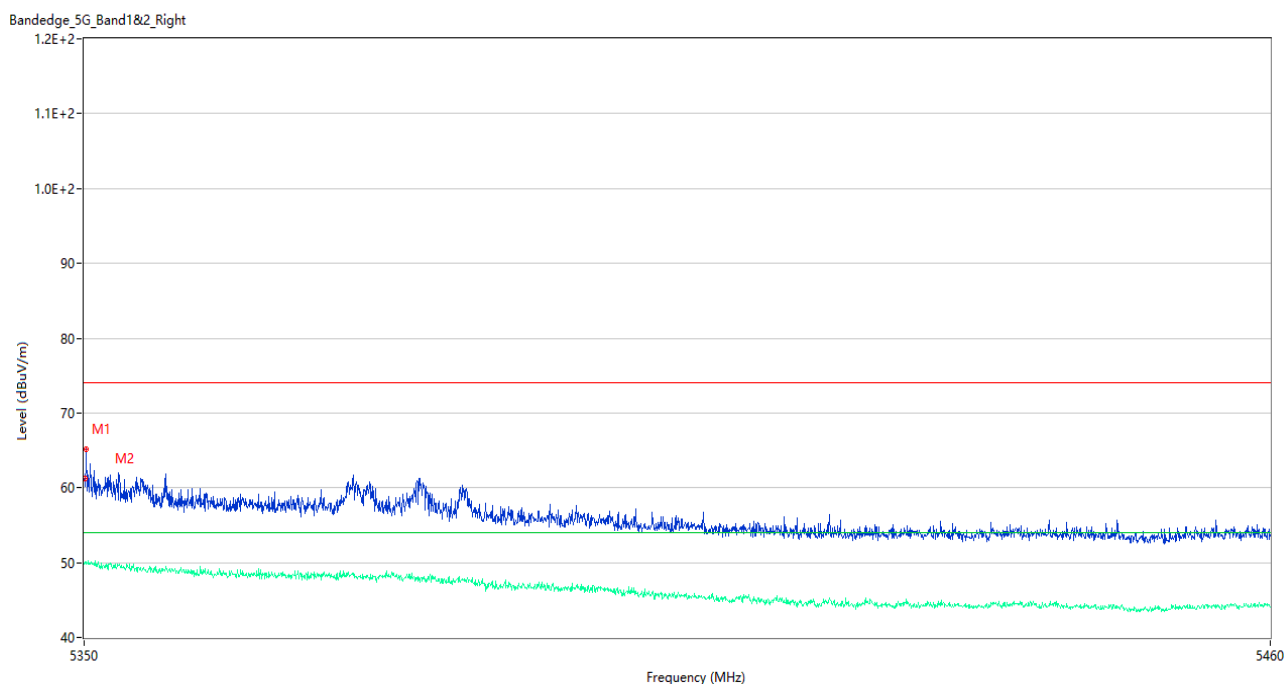
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.17	3.32	74.0	9.83	Peak	121.00	100	Horizontal	Pass
1**	5350.000	49.72	3.32	54.0	4.28	AV	121.00	100	Horizontal	Pass
2	5350.165	64.76	3.25	74.0	9.24	Peak	143.00	150	Horizontal	Pass
2**	5350.165	49.83	3.25	54.0	4.17	AV	143.00	150	Horizontal	Pass
3	5350.055	62.38	3.30	74.0	11.62	Peak	158.00	150	Horizontal	Pass
3**	5350.055	50.84	3.30	54.0	3.16	AV	158.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



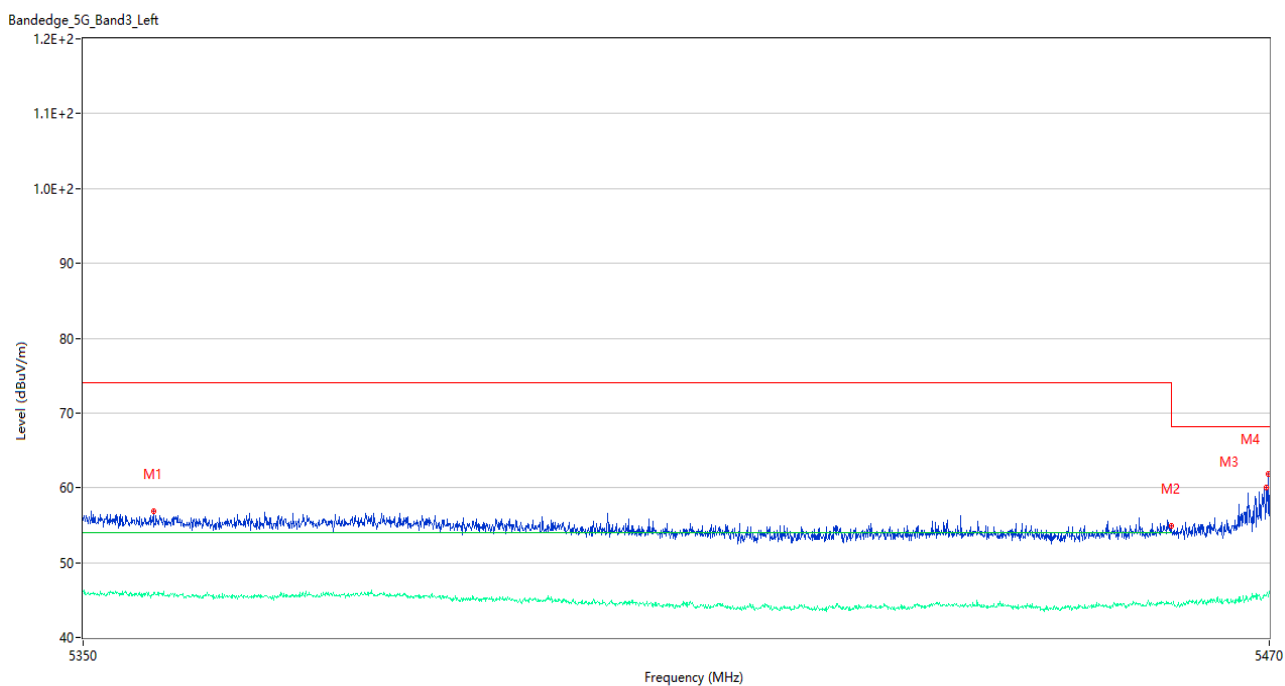
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4916.000	56.01	2.25	74.0	17.99	Peak	184.00	200	Horizontal	Pass
1**	4916.000	43.74	2.25	54.0	10.26	AV	184.00	200	Horizontal	Pass
2	5150.000	53.80	2.86	74.0	20.20	Peak	226.00	200	Horizontal	Pass
2**	5150.000	44.28	2.86	54.0	9.72	AV	226.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



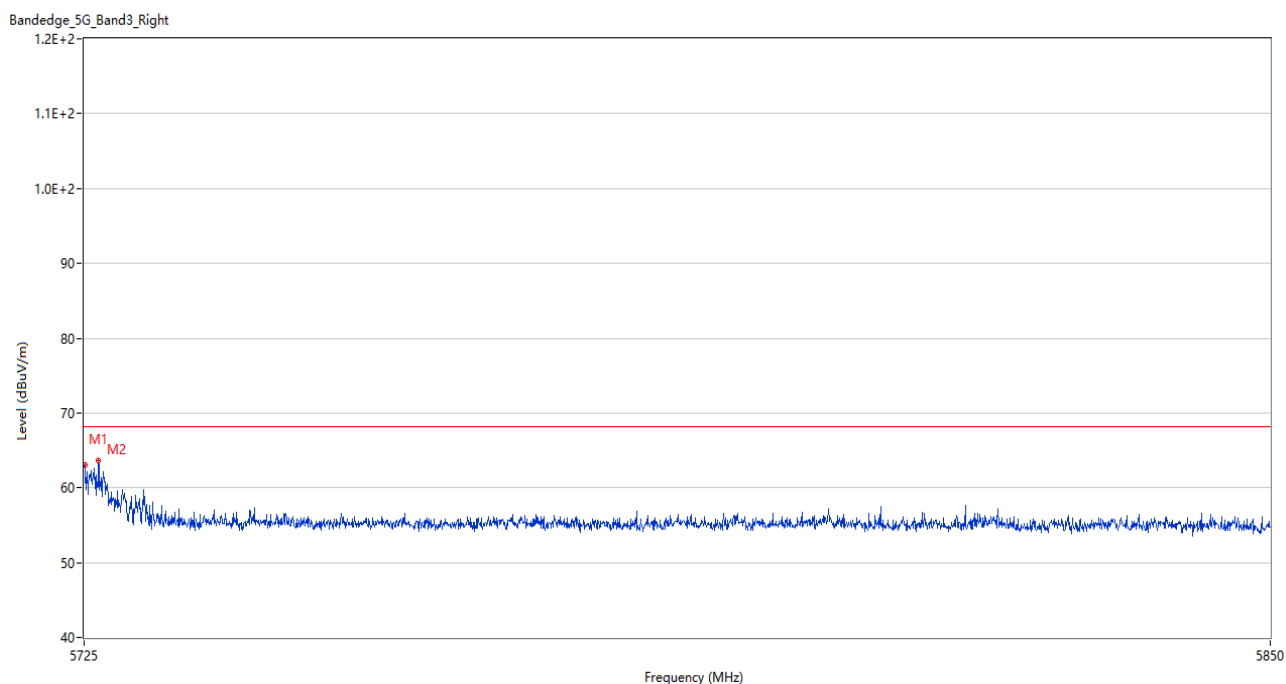
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.26	3.30	74.0	12.74	Peak	154.00	150	Horizontal	Pass
1**	5350.055	50.07	3.30	54.0	3.93	AV	154.00	150	Horizontal	Pass
2	5350.220	65.19	3.22	74.0	8.81	Peak	167.00	150	Horizontal	Pass
2**	5350.220	49.85	3.22	54.0	4.15	AV	167.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



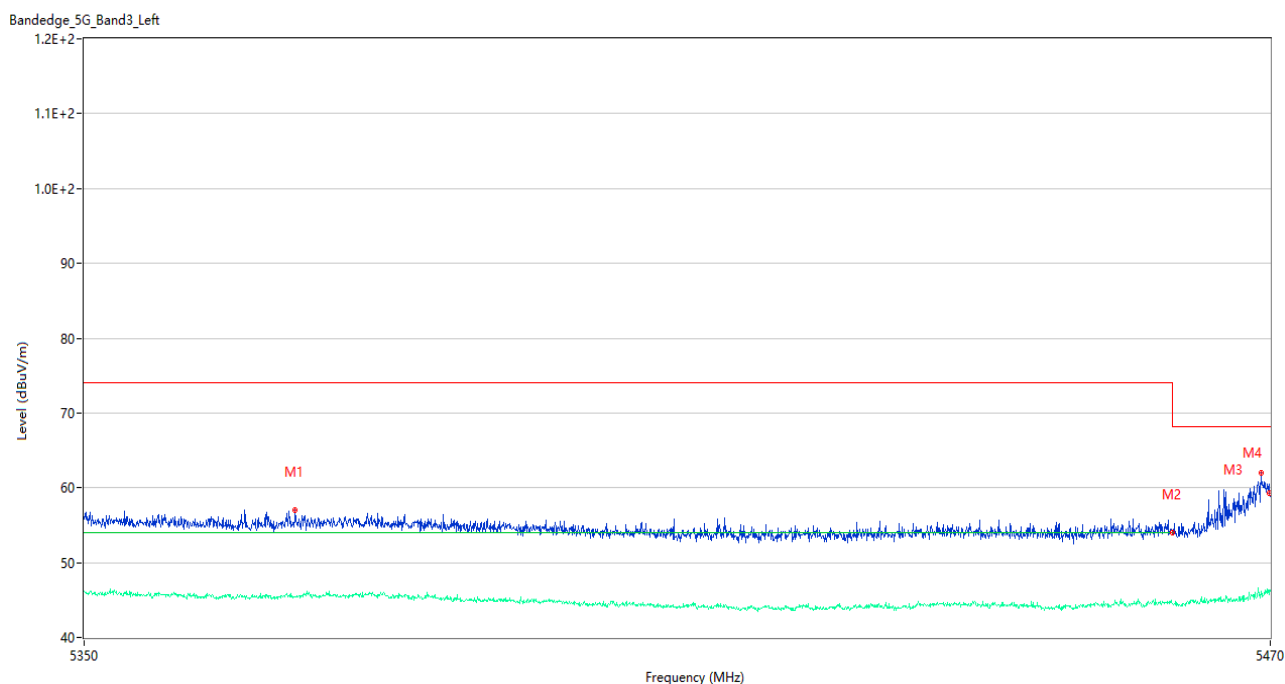
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5357.020	56.83	2.90	74.0	17.17	Peak	87.00	100	Horizontal	Pass
1**	5357.020	45.66	2.90	54.0	8.34	AV	87.00	100	Horizontal	Pass
2	5459.980	54.90	3.49	74.0	19.10	Peak	135.00	150	Horizontal	Pass
2**	5459.980	44.73	3.49	54.0	9.27	AV	135.00	150	Horizontal	Pass
3	5469.700	60.08	3.28	68.2	8.12	Peak	176.00	100	Horizontal	Pass
3**	5469.700	45.55	3.28	--	--	AV	176.00	100	Horizontal	N/A
4	5469.940	61.78	3.29	68.2	6.42	Peak	157.00	150	Horizontal	Pass
4**	5469.940	45.37	3.29	--	--	AV	157.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



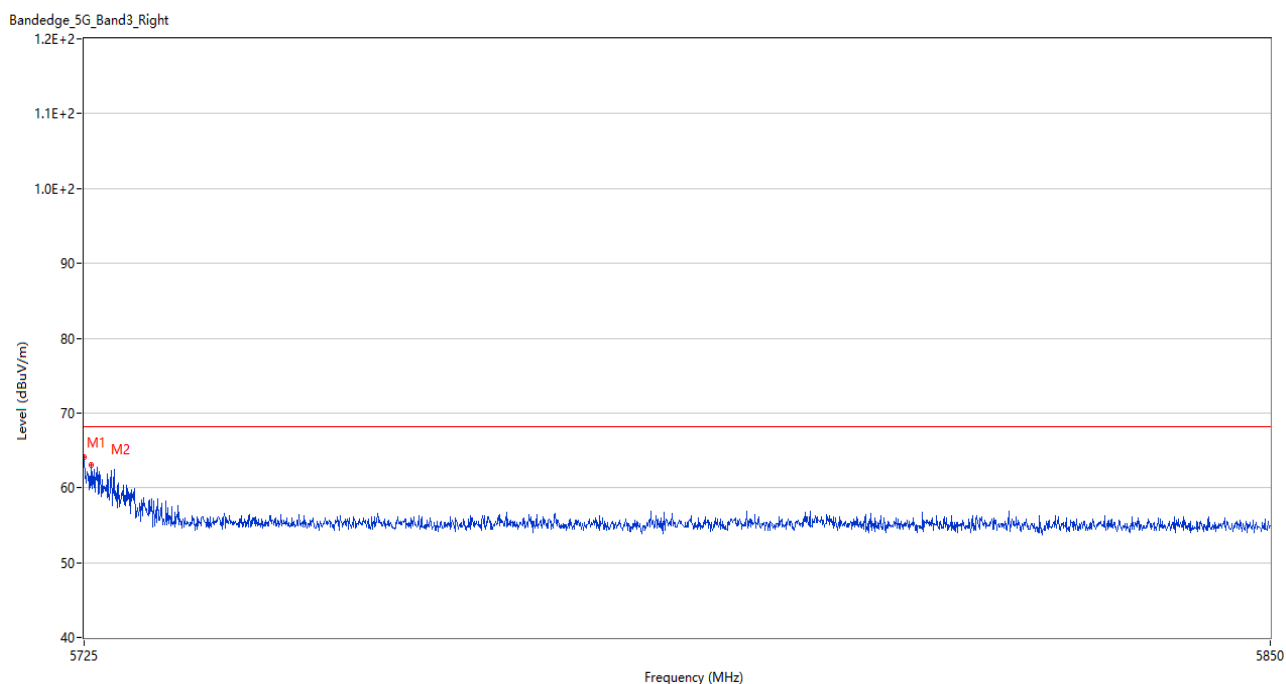
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	63.06	3.44	68.2	5.14	Peak	138.00	200	Horizontal	Pass
2	5726.500	63.58	3.84	68.2	4.62	Peak	135.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



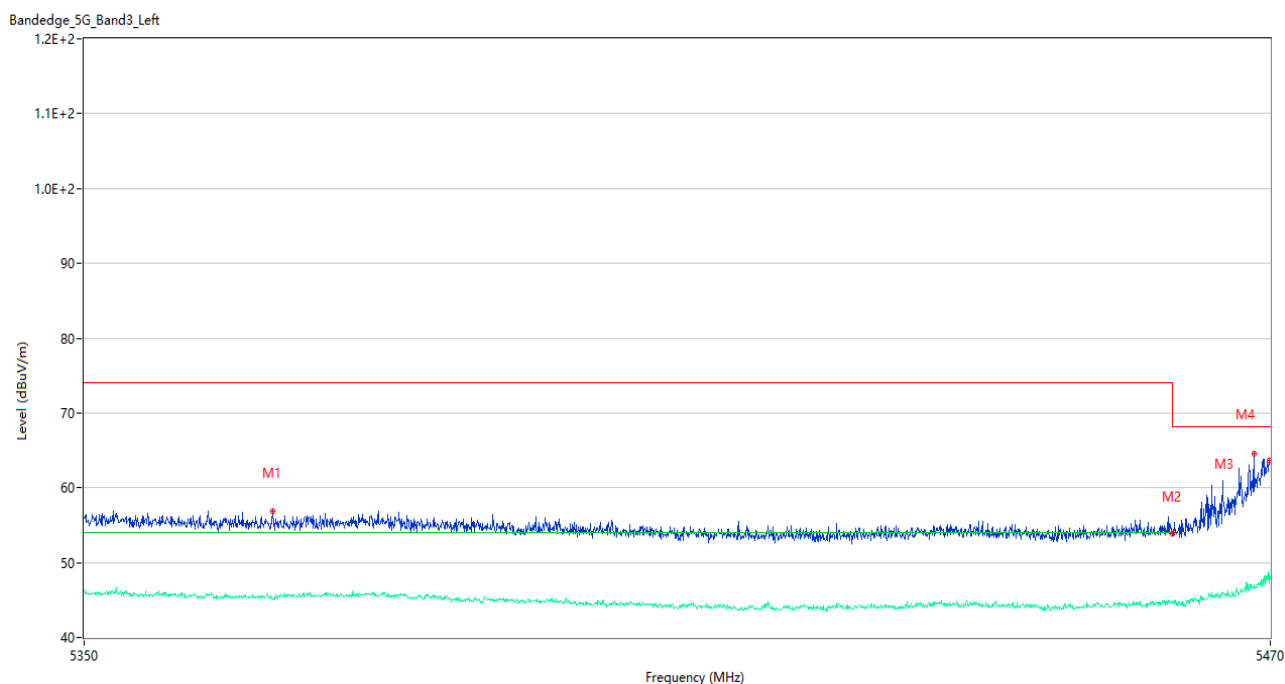
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5371.180	57.10	2.71	74.0	16.90	Peak	15.00	150	Horizontal	Pass
1**	5371.180	45.47	2.71	54.0	8.53	AV	15.00	150	Horizontal	Pass
2	5459.980	54.09	3.49	74.0	19.91	Peak	269.00	150	Horizontal	Pass
2**	5459.980	44.49	3.49	54.0	9.51	AV	269.00	150	Horizontal	Pass
3	5469.040	62.02	3.12	68.2	6.18	Peak	153.00	100	Horizontal	Pass
3**	5469.040	46.11	3.12	--	--	AV	153.00	100	Horizontal	N/A
4	5469.940	59.36	3.29	68.2	8.84	Peak	137.00	200	Horizontal	Pass
4**	5469.940	45.77	3.29	--	--	AV	137.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



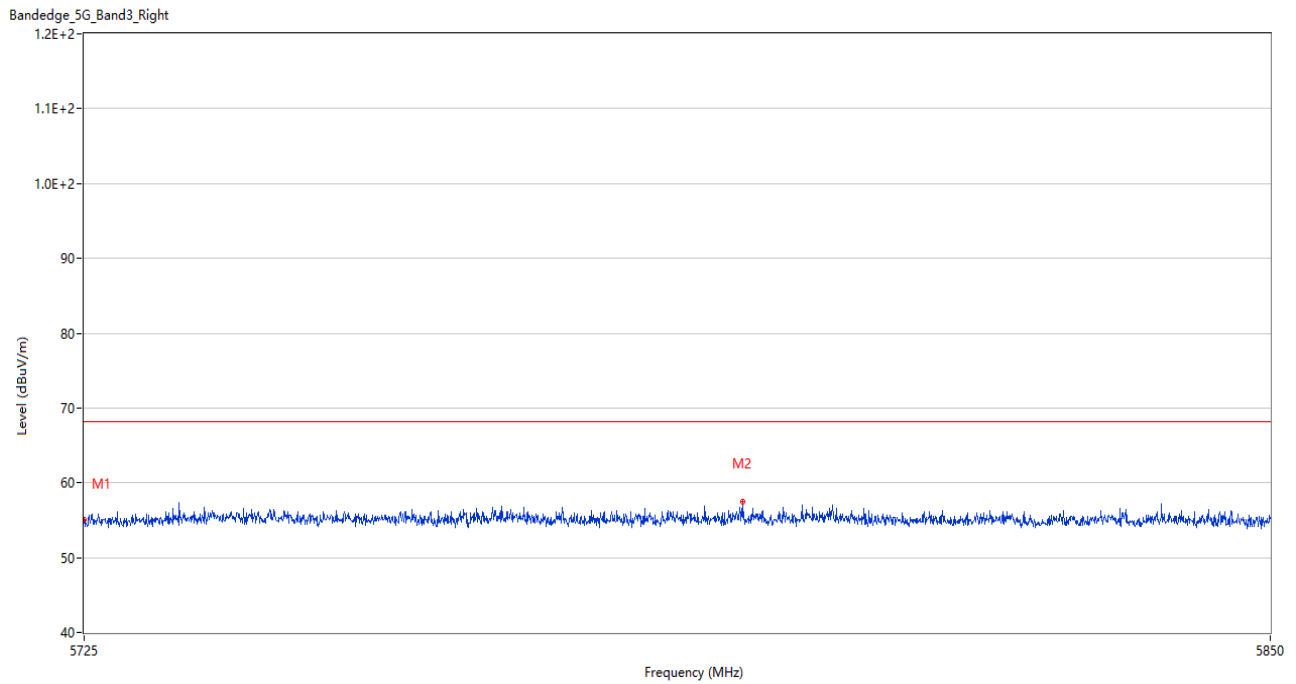
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.17	3.51	68.2	4.03	Peak	157.00	100	Horizontal	Pass
2	5725.687	63.11	3.72	68.2	5.09	Peak	145.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



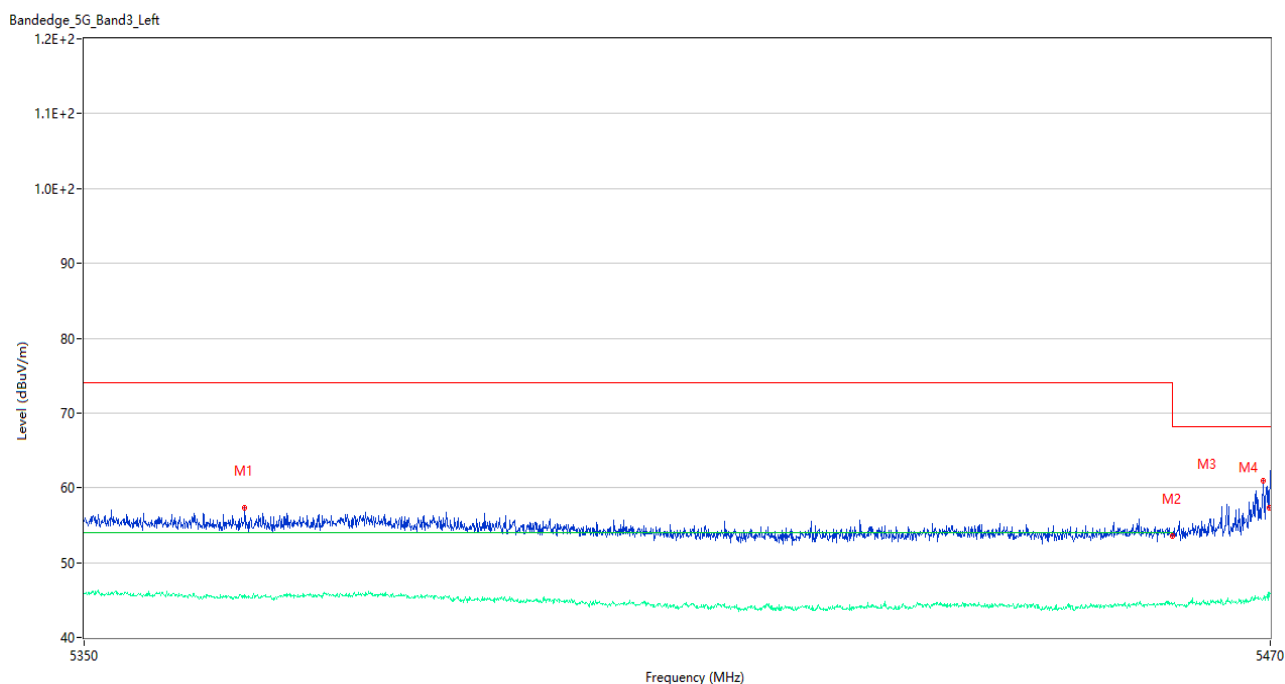
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5368.900	56.93	2.48	74.0	17.07	Peak	306.00	150	Horizontal	Pass
1**	5368.900	45.20	2.48	54.0	8.80	AV	306.00	150	Horizontal	Pass
2	5459.980	53.85	3.49	74.0	20.15	Peak	343.00	150	Horizontal	Pass
2**	5459.980	44.76	3.49	54.0	9.24	AV	343.00	150	Horizontal	Pass
3	5468.320	64.60	3.32	68.2	3.60	Peak	174.00	200	Horizontal	Pass
3**	5468.320	46.67	3.32	--	--	AV	174.00	200	Horizontal	N/A
4	5469.940	63.72	3.29	68.2	4.48	Peak	159.00	200	Horizontal	Pass
4**	5469.940	48.58	3.29	--	--	AV	159.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



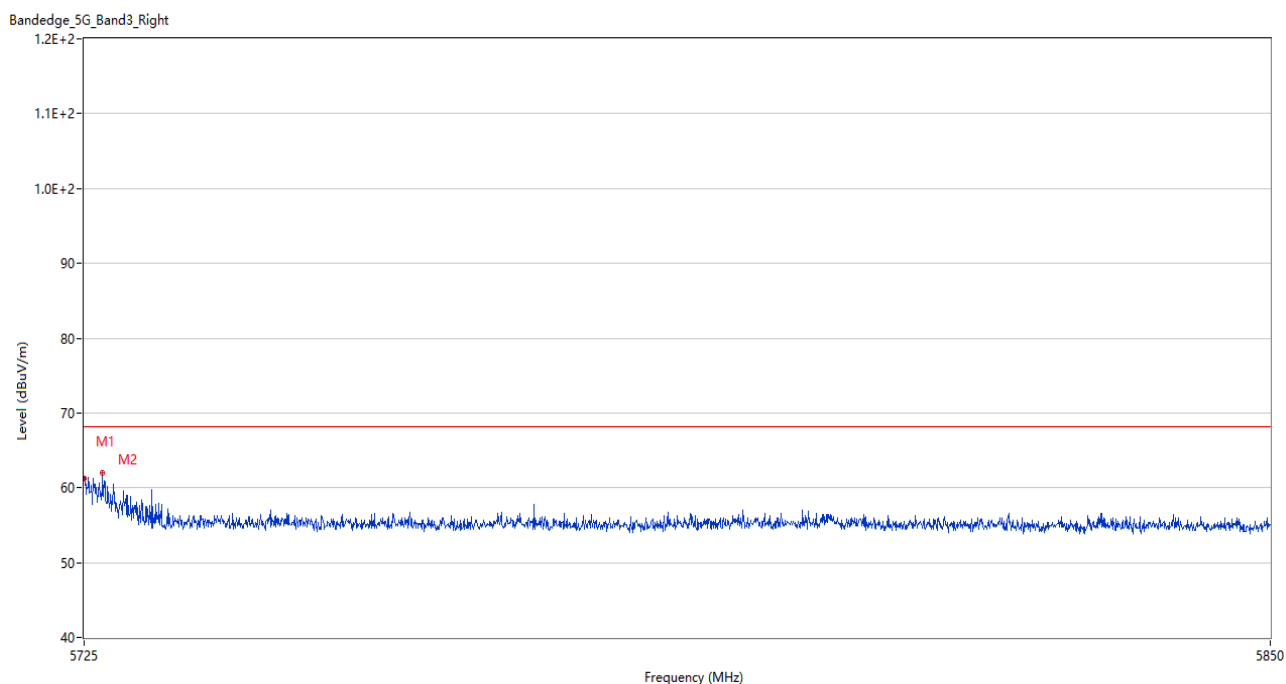
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.02	3.51	68.2	13.18	Peak	54.00	200	Horizontal	Pass
2	5794.125	57.55	3.66	68.2	10.65	Peak	186.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



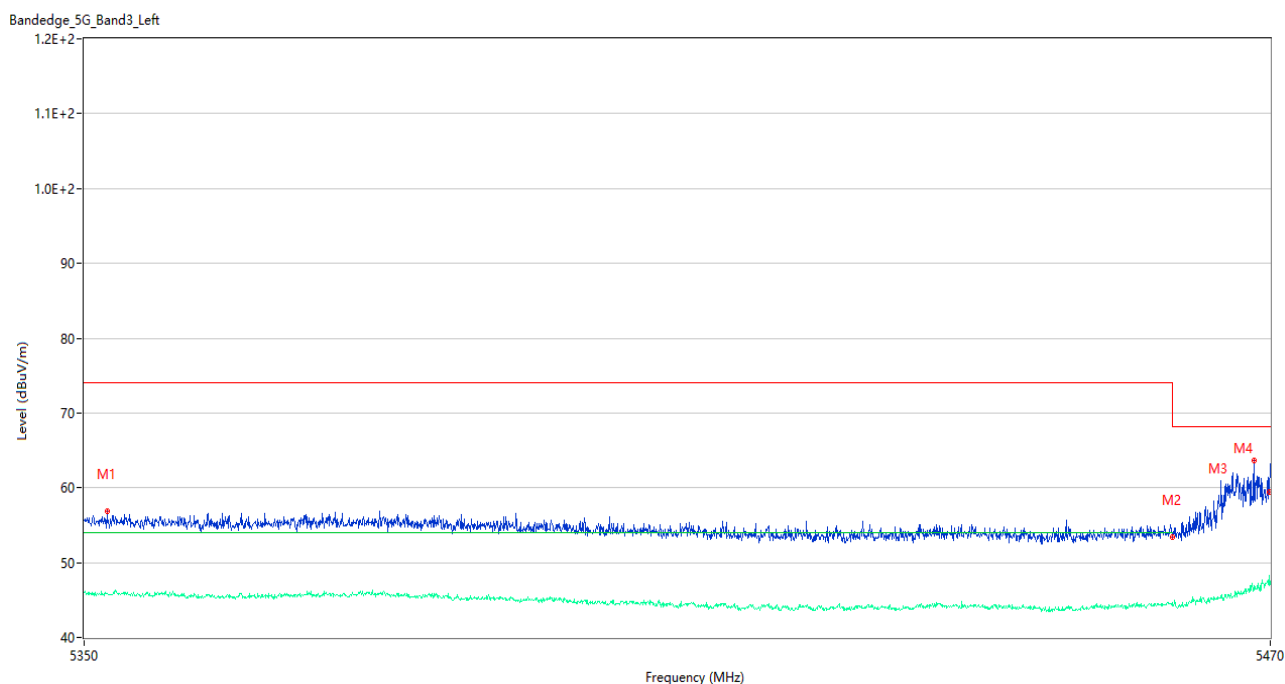
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5366.080	57.36	2.61	74.0	16.64	Peak	273.00	200	Horizontal	Pass
1**	5366.080	45.25	2.61	54.0	8.75	AV	273.00	200	Horizontal	Pass
2	5459.980	53.59	3.49	74.0	20.41	Peak	117.00	200	Horizontal	Pass
2**	5459.980	44.57	3.49	54.0	9.43	AV	117.00	200	Horizontal	Pass
3	5469.280	60.90	3.23	68.2	7.30	Peak	117.00	200	Horizontal	Pass
3**	5469.280	45.17	3.23	--	--	AV	117.00	200	Horizontal	N/A
4	5469.940	57.33	3.29	68.2	10.87	Peak	130.00	200	Horizontal	Pass
4**	5469.940	46.00	3.29	--	--	AV	130.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



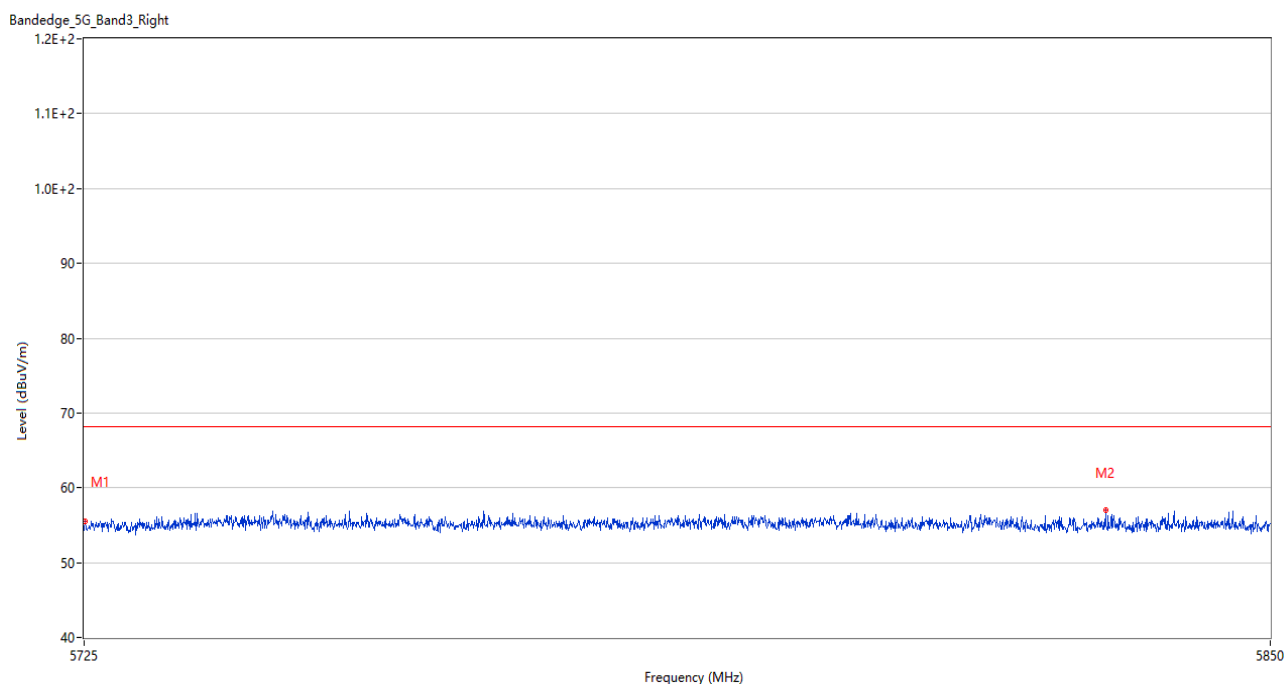
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.27	3.51	68.2	6.93	Peak	146.00	150	Horizontal	Pass
2	5726.938	62.04	3.75	68.2	6.16	Peak	153.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



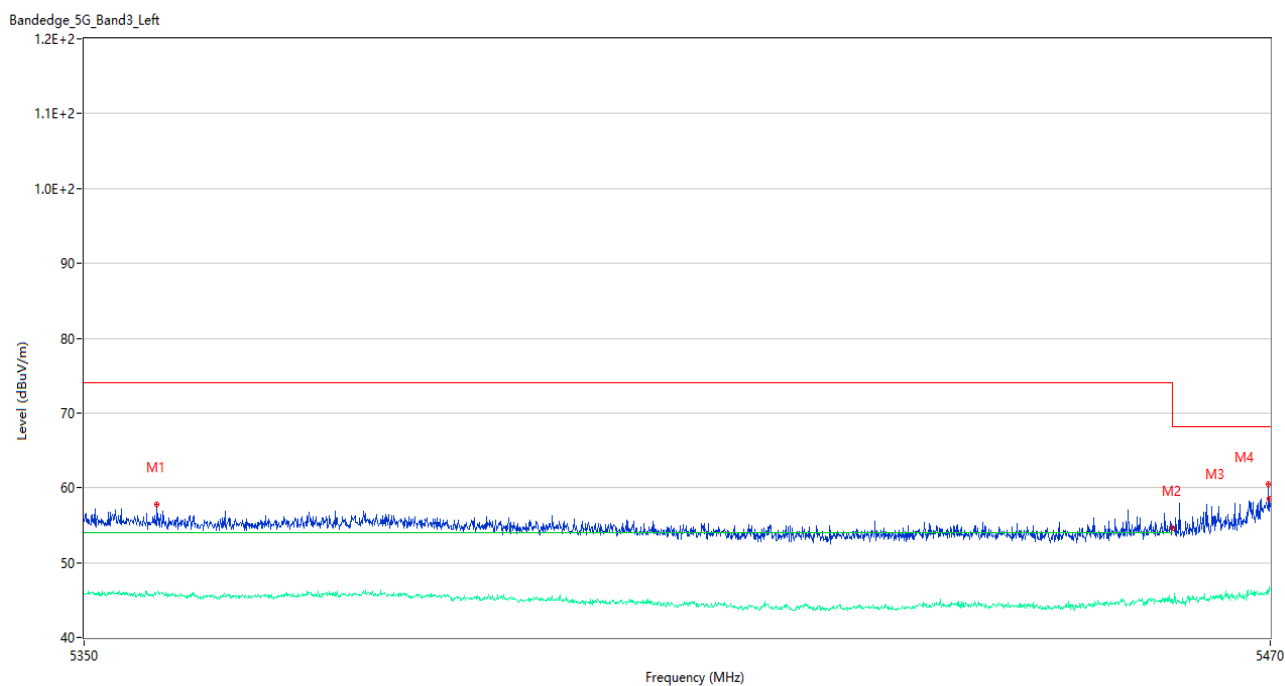
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5352.280	56.91	3.09	74.0	17.09	Peak	170.00	150	Horizontal	Pass
1**	5352.280	45.91	3.09	54.0	8.09	AV	170.00	150	Horizontal	Pass
2	5459.980	53.34	3.49	74.0	20.66	Peak	226.00	200	Horizontal	Pass
2**	5459.980	44.69	3.49	54.0	9.31	AV	226.00	200	Horizontal	Pass
3	5468.320	63.60	3.32	68.2	4.60	Peak	155.00	100	Horizontal	Pass
3**	5468.320	46.25	3.32	--	--	AV	155.00	100	Horizontal	N/A
4	5469.940	59.46	3.29	68.2	8.74	Peak	111.00	150	Horizontal	Pass
4**	5469.940	48.27	3.29	--	--	AV	111.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



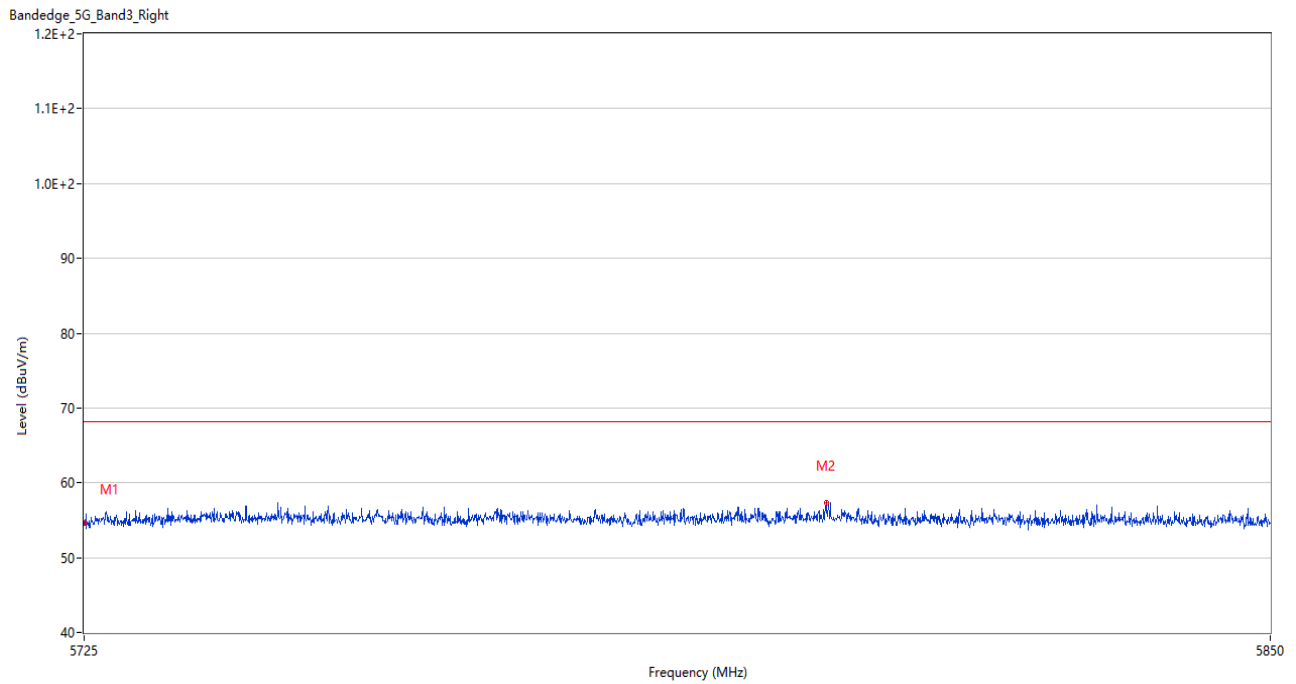
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	55.46	3.44	68.2	12.74	Peak	221.00	100	Horizontal	Pass
2	5832.500	57.05	3.49	68.2	11.15	Peak	0.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



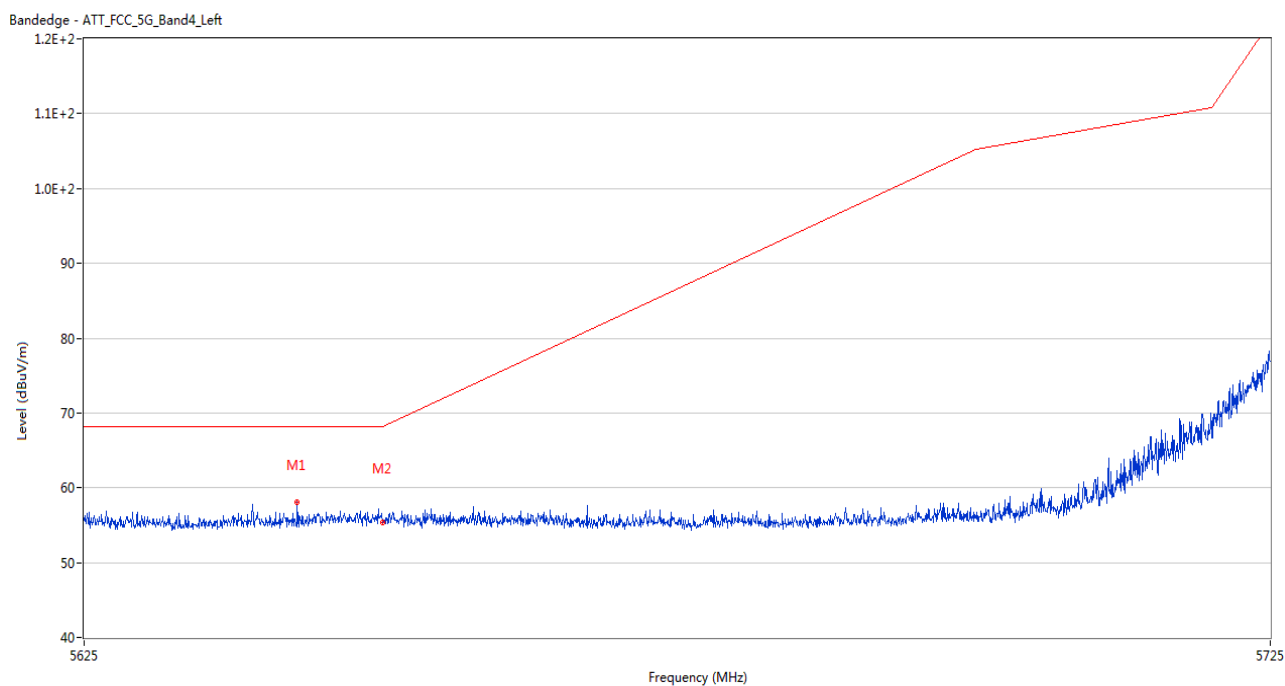
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5357.320	57.81	3.09	74.0	16.19	Peak	357.00	150	Horizontal	Pass
1**	5357.320	46.00	3.09	54.0	8.00	AV	357.00	150	Horizontal	Pass
2	5459.980	54.60	3.49	74.0	19.40	Peak	137.00	200	Horizontal	Pass
2**	5459.980	45.10	3.49	54.0	8.90	AV	137.00	200	Horizontal	Pass
3	5469.820	60.42	3.28	68.2	7.78	Peak	173.00	200	Horizontal	Pass
3**	5469.820	45.87	3.28	--	--	AV	173.00	200	Horizontal	N/A
4	5469.940	58.51	3.29	68.2	9.69	Peak	128.00	200	Horizontal	Pass
4**	5469.940	46.21	3.29	--	--	AV	128.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel



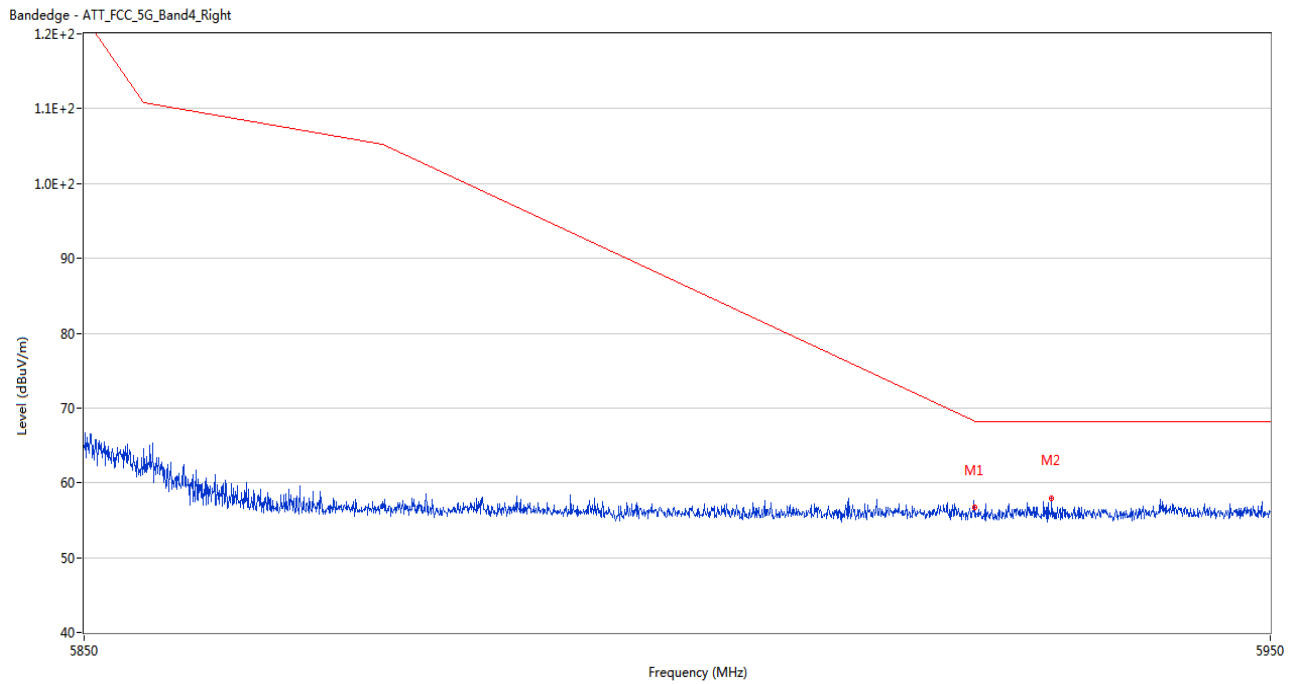
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.60	3.51	68.2	13.60	Peak	259.00	100	Vertical	Pass
2	5802.875	57.31	3.92	68.2	10.89	Peak	184.00	150	Vertical	Pass

U-NII-3 11a Low Channel



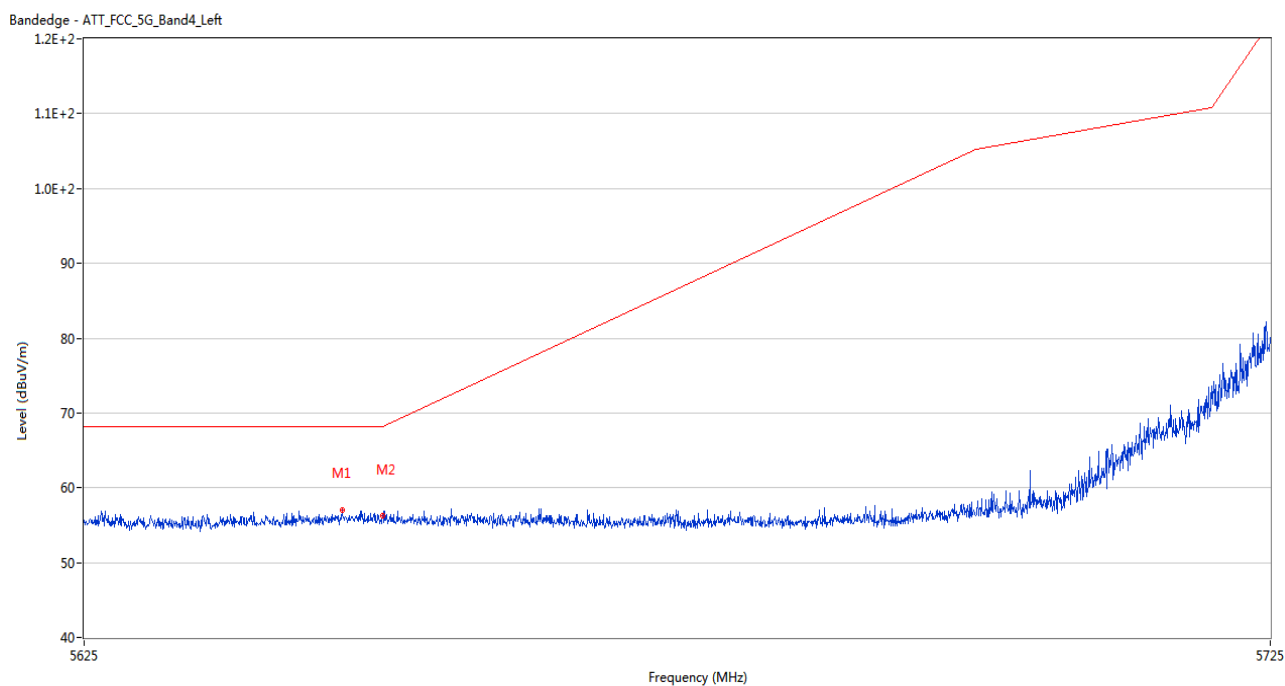
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.850	58.02	2.33	68.2	10.18	Peak	48.00	100	Horizontal	Pass
2	5650.000	55.34	2.54	68.2	12.86	Peak	42.00	100	Horizontal	Pass

U-NII-3 11a High Channel



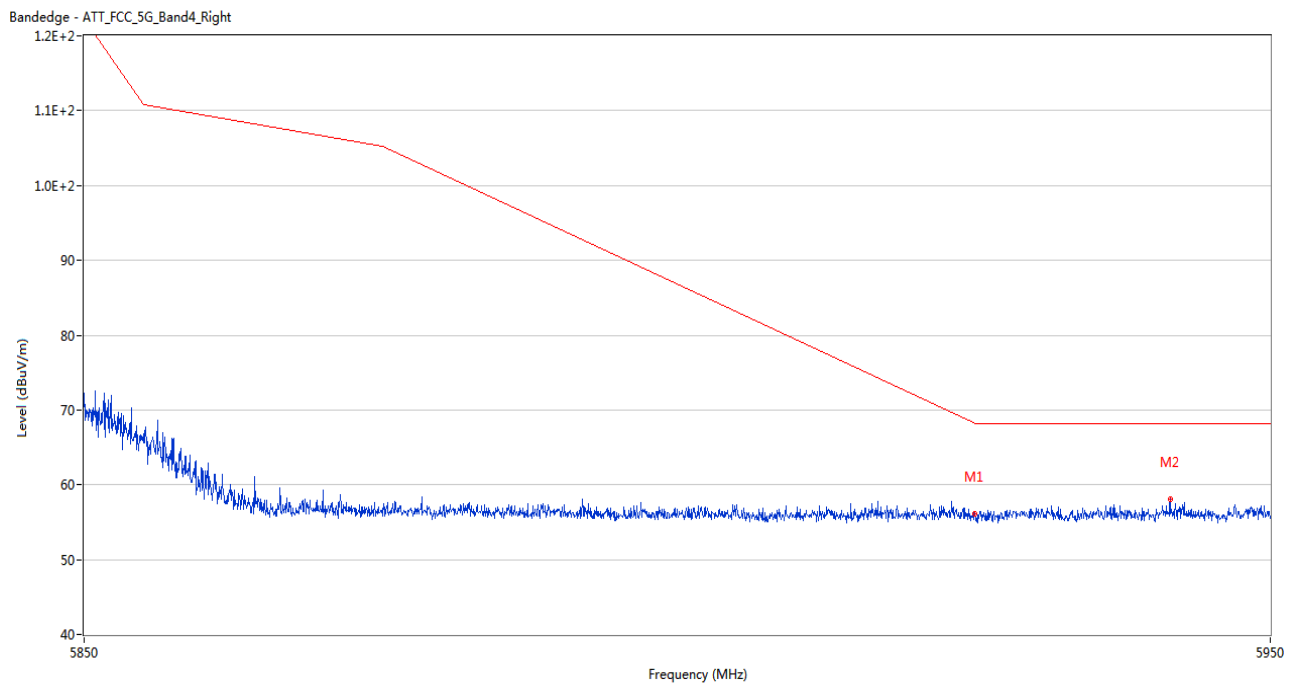
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.65	2.32	68.2	11.55	Peak	0.00	200	Horizontal	Pass
2	5931.450	57.99	2.47	68.2	10.21	Peak	180.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



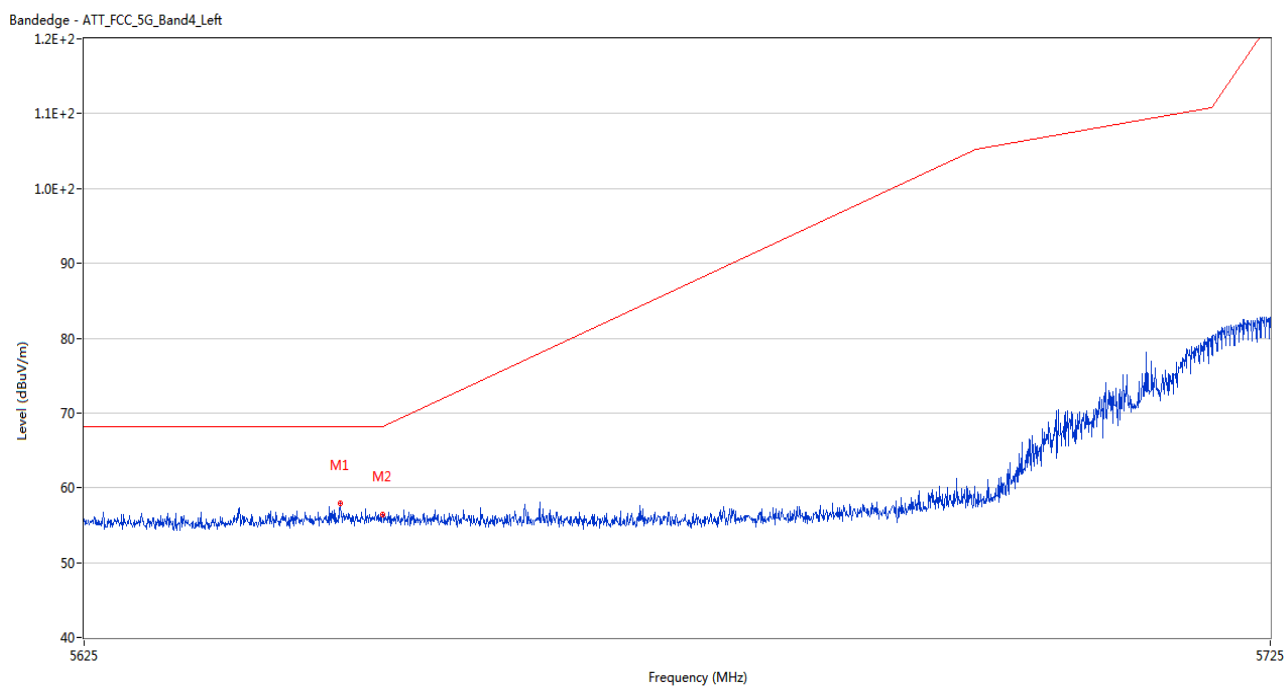
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.600	57.02	2.68	68.2	11.18	Peak	82.00	200	Horizontal	Pass
2	5650.000	56.20	2.54	68.2	12.00	Peak	196.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



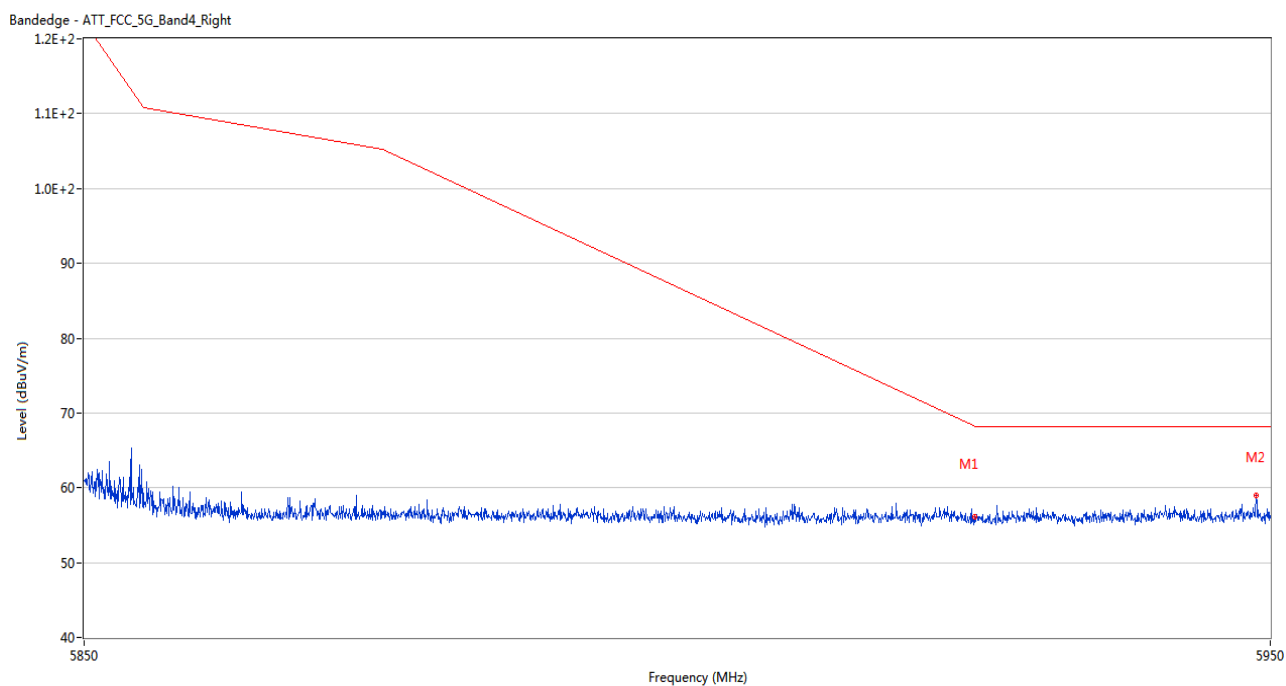
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.11	2.32	68.2	12.09	Peak	129.00	150	Horizontal	Pass
2	5941.500	58.06	2.88	68.2	10.14	Peak	184.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



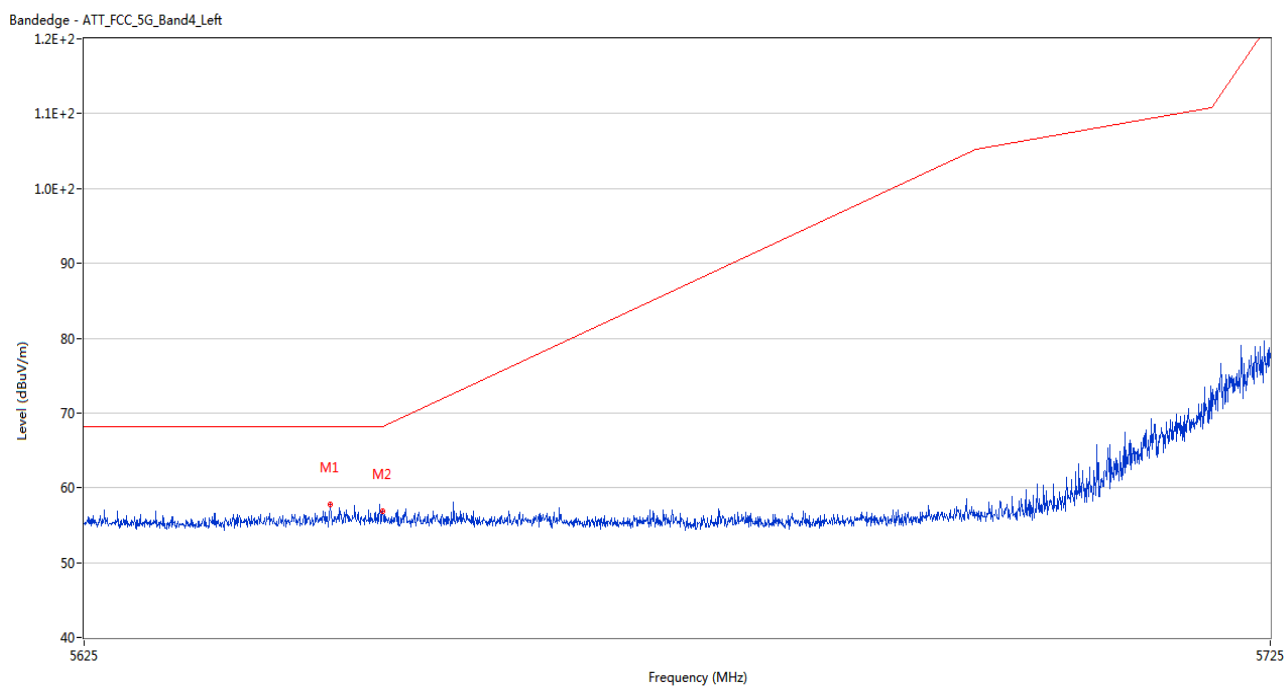
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.450	57.98	2.70	68.2	10.22	Peak	42.00	200	Horizontal	Pass
2	5650.000	56.48	2.54	68.2	11.72	Peak	65.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



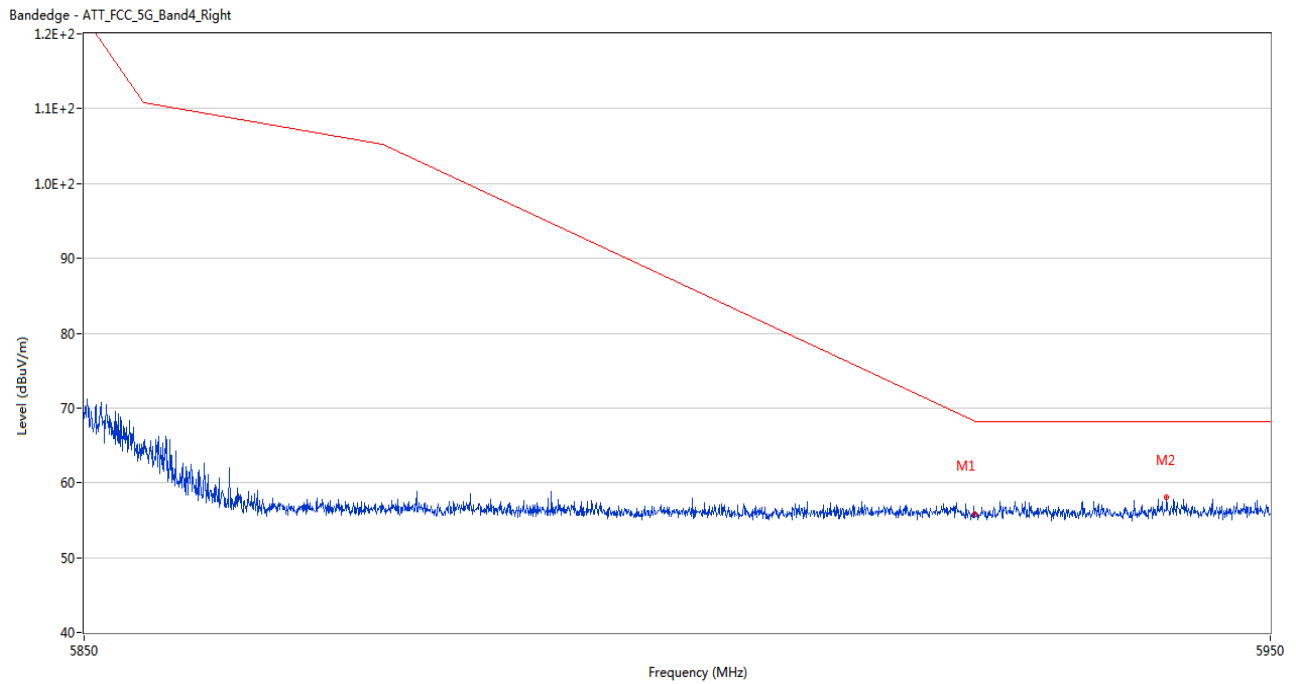
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.14	2.32	68.2	12.06	Peak	103.00	200	Horizontal	Pass
2	5948.800	59.05	2.63	68.2	9.15	Peak	236.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



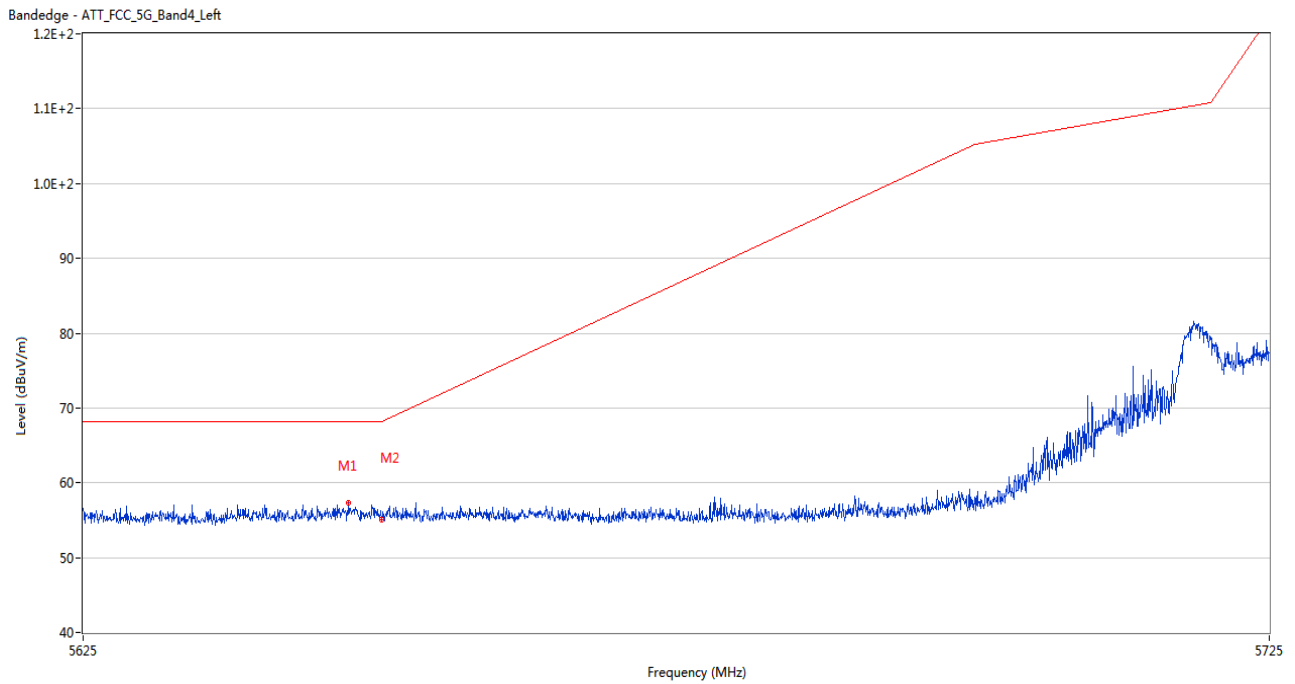
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.600	57.75	2.62	68.2	10.45	Peak	111.00	100	Horizontal	Pass
2	5650.000	56.86	2.54	68.2	11.34	Peak	222.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



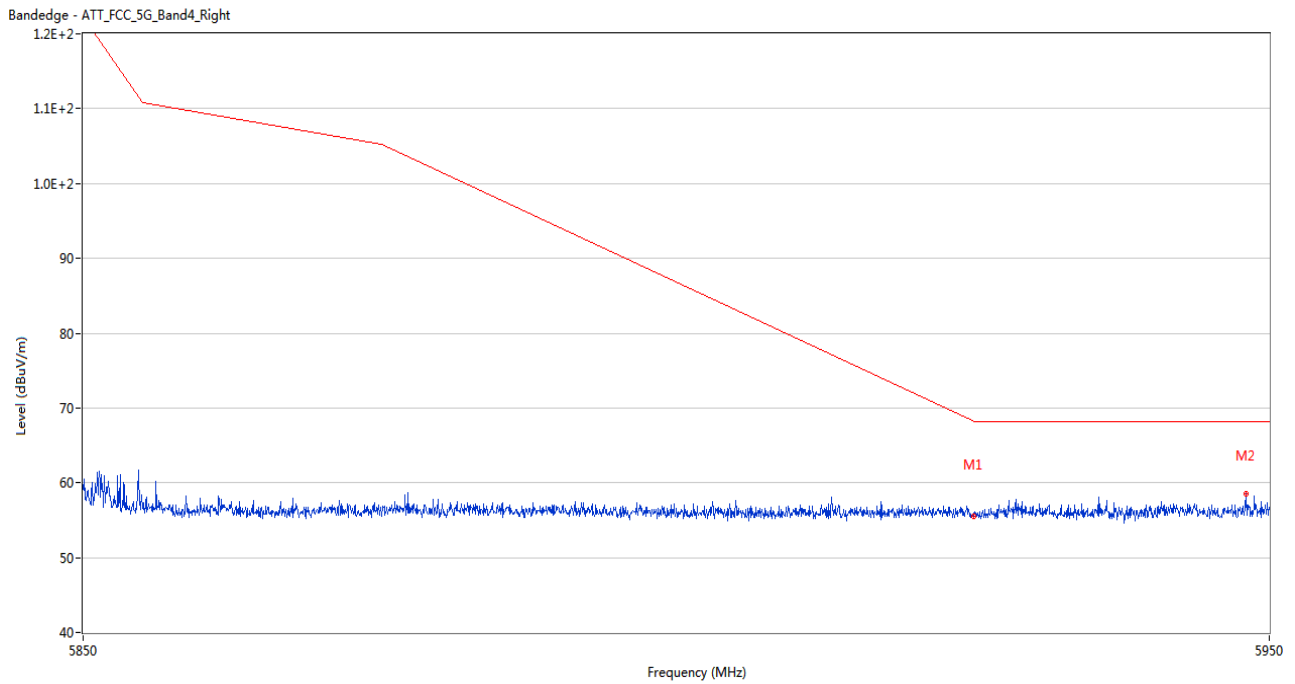
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.85	2.32	68.2	12.35	Peak	128.00	150	Horizontal	Pass
2	5941.200	58.12	2.80	68.2	10.08	Peak	44.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



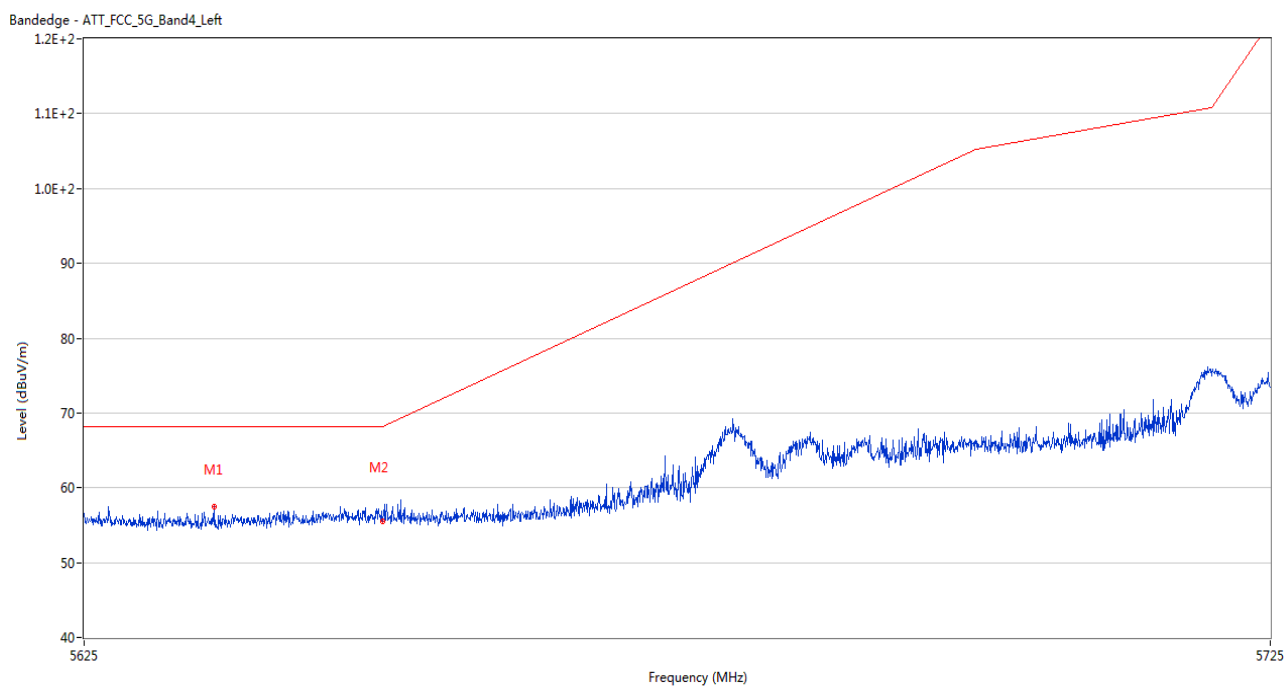
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.250	57.26	2.62	68.2	10.94	Peak	360.00	200	Horizontal	Pass
2	5650.000	55.04	2.54	68.2	13.16	Peak	360.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



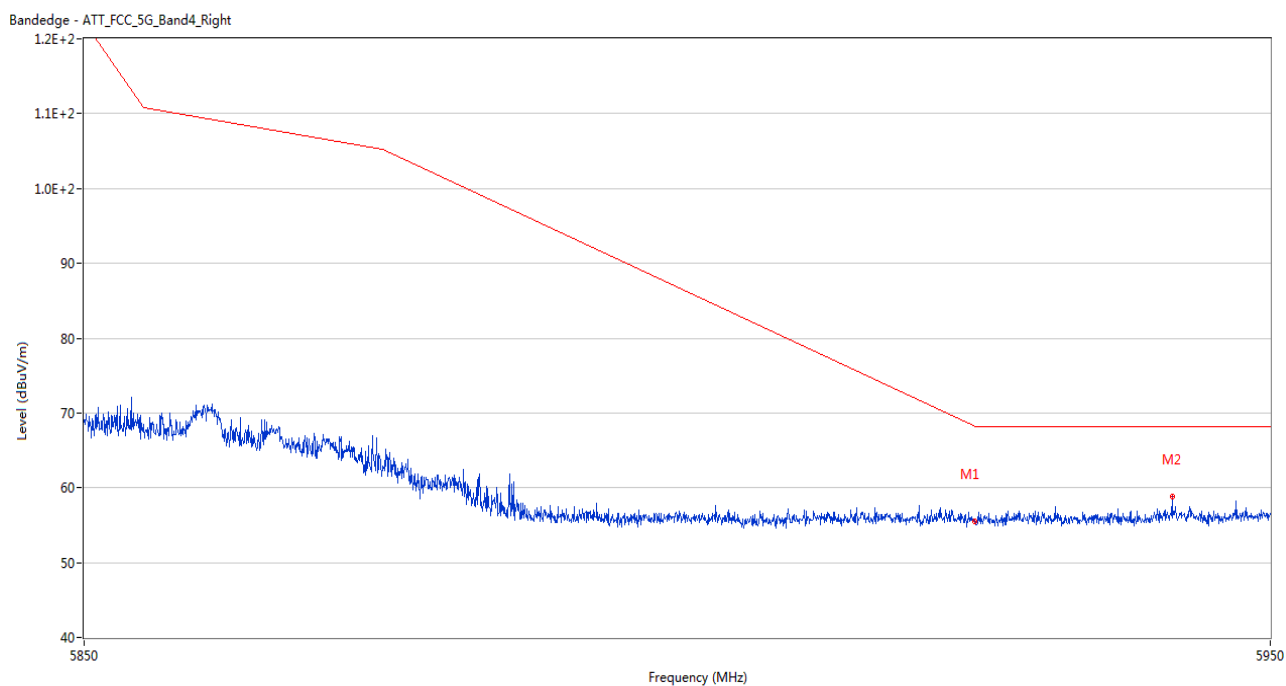
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.57	2.32	68.2	12.63	Peak	168.00	100	Horizontal	Pass
2	5948.000	58.61	2.72	68.2	9.59	Peak	268.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.850	57.48	2.06	68.2	10.72	Peak	220.00	100	Horizontal	Pass
2	5650.000	55.58	2.54	68.2	12.62	Peak	167.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.46	2.32	68.2	12.74	Peak	257.00	100	Horizontal	Pass
2	5941.650	58.78	2.89	68.2	9.42	Peak	225.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2441239-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2441239-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2441239-AI.PDF”.

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--END OF REPORT--