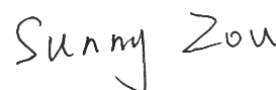
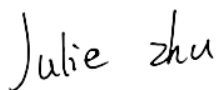


TEST REPORT

Applicant: MEIZU TECHNOLOGY CO., LTD.
Address: MEIZU Tech Bldg, Technology & Innovation Coast,
Zhuhai, 519085, Guangdong, China
Equipment Type: Mobile Phone
Model Name: M416L
Brand Name: MEIZU
FCC ID: 2ANQ6-M416L
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Jul. 01, 2024
Test Date: Jul. 03, 2024 - Jul. 31, 2024
Date of Issue: Aug. 05, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie Zhu**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 05, 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	M416L
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0
Software Version	Android 14
Dimensions (Approx.)	170.8mm*78mm*9.35mm
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 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
-----------------------------------	--

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: 7.78 mW U-NII-2A: 7.89 mW U-NII-2C: 7.91 mW U-NII-3: 7.76 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	2.11 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	52% to 62%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.0℃ to +26.1℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+55.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.8 V
	LV (Low Voltage)	3.5 V
	HV (High Voltage)	4.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
				2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-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*2.8m	112	2022.02.19	2025.02.18
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26

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%

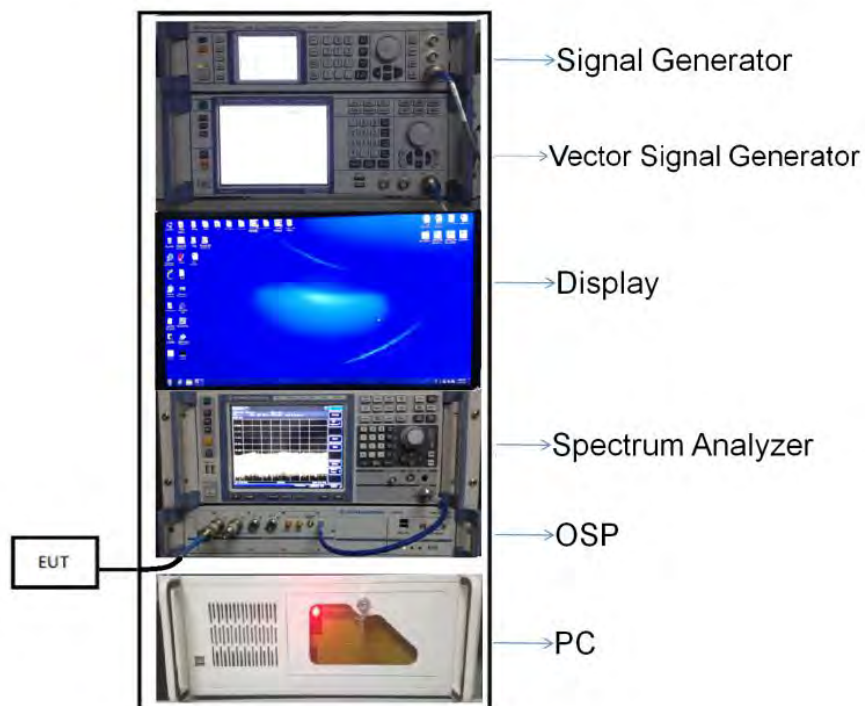
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

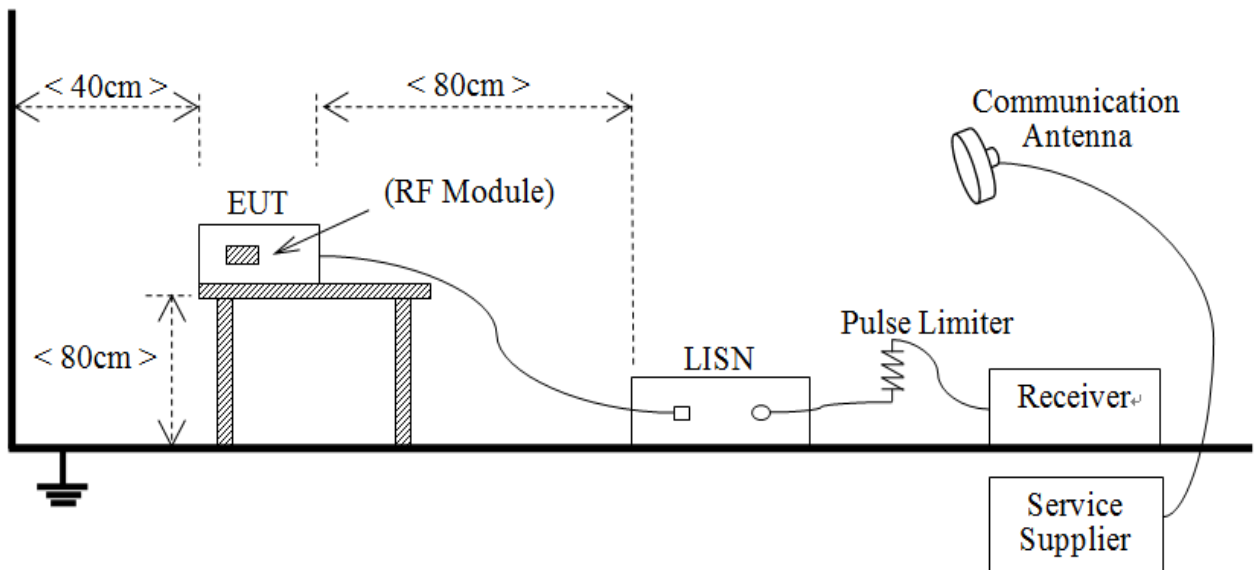
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



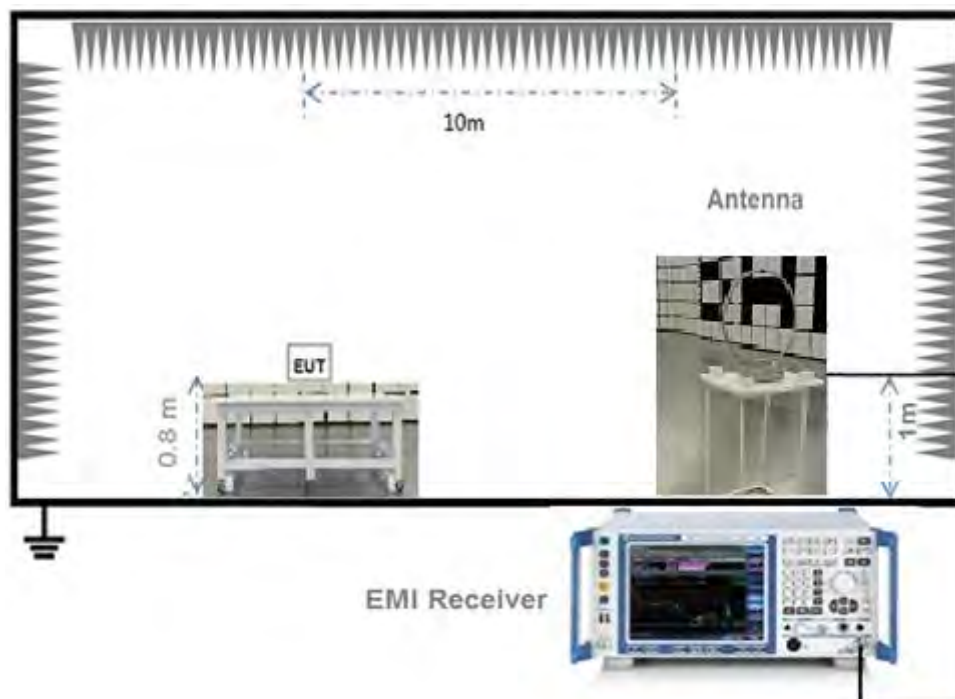
(Diagram 1)

4.5.2 For AC Power Supply Port Test



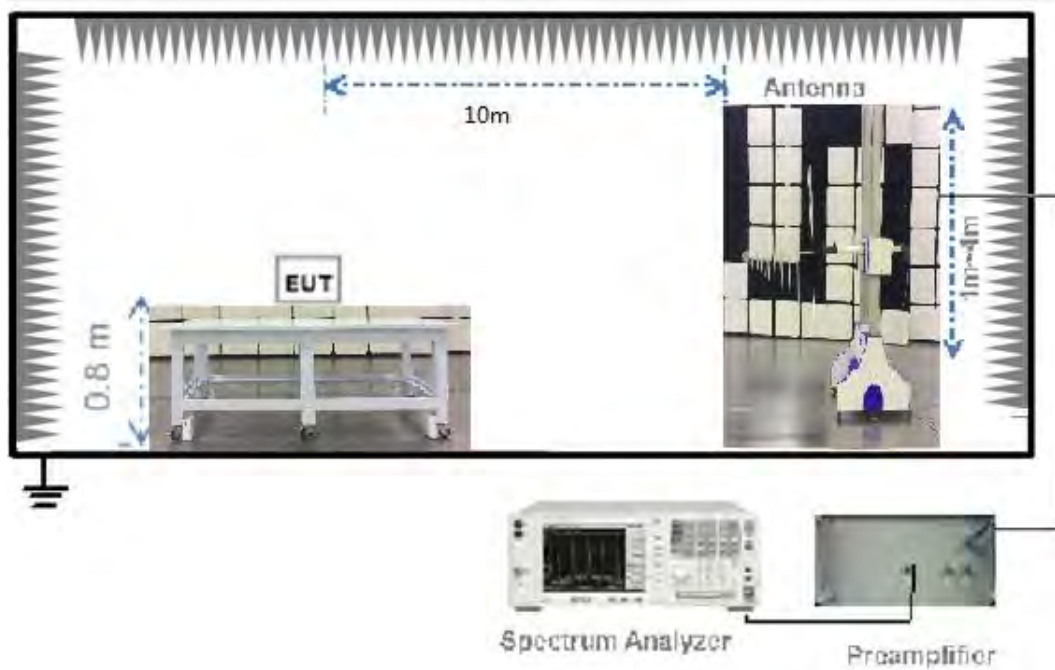
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



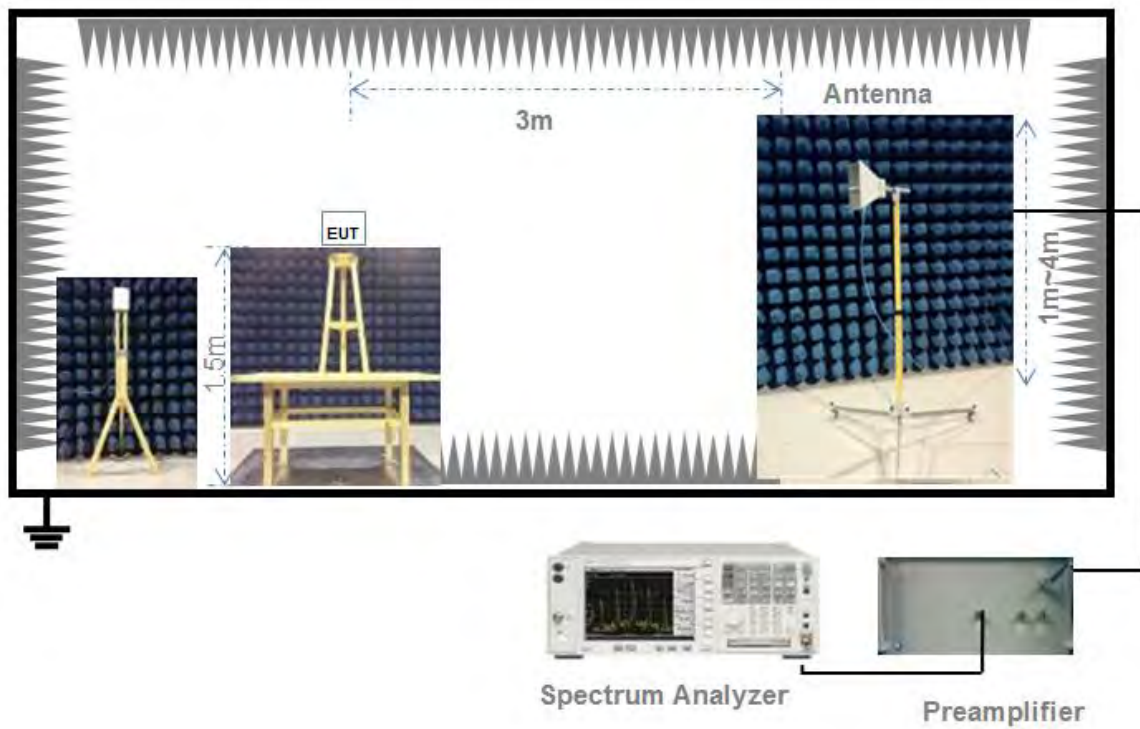
(Diagram 3)

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	1.54	90.62%	0.43
11n (HT20)/11ac (VHT20)	1.18	1.33	88.94%	0.51
11n (HT40)/11ac (VHT40)	0.59	0.75	78.61%	1.05
11ac (VHT80)	0.30	0.44	67.24%	1.72

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	8.84	7.66	250	Pass
11a	CH44	8.91	7.78	250	Pass
11a	CH48	8.85	7.67	250	Pass
11n (HT20)	CH36	8.85	7.67	250	Pass
11n (HT20)	CH44	8.91	7.78	250	Pass
11n (HT20)	CH48	8.83	7.64	250	Pass
11n (HT40)	CH38	8.72	7.45	250	Pass
11n (HT40)	CH46	8.80	7.59	250	Pass
11ac (VHT20)	CH36	8.20	6.61	250	Pass
11ac (VHT20)	CH44	8.43	6.97	250	Pass
11ac (VHT20)	CH48	8.76	7.52	250	Pass
11ac (VHT40)	CH38	8.42	6.95	250	Pass
11ac (VHT40)	CH46	8.77	7.53	250	Pass
11ac (VHT80)	CH42	8.83	7.64	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	8.52	7.11	250	Pass
11a	CH60	8.81	7.60	250	Pass
11a	CH64	8.33	6.81	250	Pass
11n (HT20)	CH52	8.71	7.43	250	Pass
11n (HT20)	CH60	8.97	7.89	250	Pass
11n (HT20)	CH64	8.86	7.69	250	Pass
11n (HT40)	CH54	8.58	7.21	250	Pass
11n (HT40)	CH62	8.23	6.65	250	Pass
11ac (VHT20)	CH52	8.73	7.46	250	Pass
11ac (VHT20)	CH60	8.92	7.80	250	Pass
11ac (VHT20)	CH64	8.95	7.85	250	Pass
11ac (VHT40)	CH54	8.58	7.21	250	Pass
11ac (VHT40)	CH62	8.74	7.48	250	Pass
11ac (VHT80)	CH58	8.57	7.19	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	8.36	6.85	250	Pass
11a	CH116	8.63	7.29	250	Pass
11a	CH140	8.94	7.83	250	Pass
11n (HT20)	CH100	8.84	7.66	250	Pass
11n (HT20)	CH116	8.97	7.89	250	Pass
11n (HT20)	CH140	8.97	7.89	250	Pass
11n (HT40)	CH102	8.76	7.52	250	Pass
11n (HT40)	CH118	8.91	7.78	250	Pass
11n (HT40)	CH134	8.56	7.18	250	Pass
11ac (VHT20)	CH100	8.65	7.33	250	Pass
11ac (VHT20)	CH116	8.65	7.33	250	Pass
11ac (VHT20)	CH140	8.98	7.91	250	Pass
11ac (VHT40)	CH102	8.76	7.52	250	Pass
11ac (VHT40)	CH118	8.55	7.16	250	Pass
11ac (VHT40)	CH134	8.59	7.23	250	Pass
11ac (VHT80)	CH106	8.59	7.23	250	Pass
11ac (VHT80)	CH122	8.33	6.81	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	8.83	7.64	1000	Pass
11a	CH157	8.64	7.31	1000	Pass
11a	CH165	8.78	7.55	1000	Pass
11n (HT20)	CH149	8.88	7.73	1000	Pass
11n (HT20)	CH157	8.67	7.36	1000	Pass
11n (HT20)	CH165	8.77	7.53	1000	Pass
11n (HT40)	CH151	8.67	7.36	1000	Pass
11n (HT40)	CH159	8.73	7.46	1000	Pass
11ac (VHT20)	CH149	8.90	7.76	1000	Pass
11ac (VHT20)	CH157	8.70	7.41	1000	Pass
11ac (VHT20)	CH165	8.82	7.62	1000	Pass
11ac (VHT40)	CH151	8.89	7.74	1000	Pass
11ac (VHT40)	CH159	8.76	7.52	1000	Pass
11ac (VHT80)	CH155	8.52	7.11	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2460766-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	27.74	16.81
11a	CH44	28.57	16.81
11a	CH48	29.11	16.79
11n (HT20)	CH36	30.57	17.90
11n (HT20)	CH44	31.38	17.85
11n (HT20)	CH48	31.43	17.84
11n (HT40)	CH38	39.41	35.77
11n (HT40)	CH46	39.20	35.70
11ac (VHT20)	CH36	32.30	17.79
11ac (VHT20)	CH44	28.01	17.62
11ac (VHT20)	CH48	30.03	17.76
11ac (VHT40)	CH38	39.32	35.74
11ac (VHT40)	CH46	40.97	35.70
11ac (VHT80)	CH42	78.48	73.73

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	25.34	16.69
11a	CH60	26.76	16.70
11a	CH64	26.36	16.77
11n (HT20)	CH52	30.12	17.85
11n (HT20)	CH60	30.82	17.81
11n (HT20)	CH64	27.82	17.63
11n (HT40)	CH54	39.50	35.73
11n (HT40)	CH62	39.00	35.68
11ac (VHT20)	CH52	31.57	17.79
11ac (VHT20)	CH60	31.34	17.76
11ac (VHT20)	CH64	27.38	17.61
11ac (VHT40)	CH54	39.52	35.75
11ac (VHT40)	CH62	43.71	35.89
11ac (VHT80)	CH58	78.44	73.76

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.90	16.61
11a	CH116	27.39	16.78
11a	CH140	22.78	16.59
11n (HT20)	CH100	26.87	17.66
11n (HT20)	CH116	27.89	17.65
11n (HT20)	CH140	27.81	17.65
11n (HT40)	CH102	41.20	36.02
11n (HT40)	CH118	46.98	36.21
11n (HT40)	CH134	40.11	35.98
11ac (VHT20)	CH100	31.78	17.76
11ac (VHT20)	CH116	33.47	17.78
11ac (VHT20)	CH140	28.89	17.59
11ac (VHT40)	CH102	46.06	35.98
11ac (VHT40)	CH118	39.82	35.98
11ac (VHT40)	CH134	39.45	35.97
11ac (VHT80)	CH106	78.97	74.20
11ac (VHT80)	CH122	78.30	73.64

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	27.17	16.79
11a	CH157	26.94	16.80
11a	CH165	26.12	16.76
11n (HT20)	CH149	31.54	17.90
11n (HT20)	CH157	29.49	17.87
11n (HT20)	CH165	29.79	17.91
11n (HT40)	CH151	57.91	36.60
11n (HT40)	CH159	57.76	36.63
11ac (VHT20)	CH149	32.34	17.81
11ac (VHT20)	CH157	33.12	17.82
11ac (VHT20)	CH165	33.45	17.81
11ac (VHT40)	CH151	54.69	36.57
11ac (VHT40)	CH159	54.63	36.59
11ac (VHT80)	CH155	90.19	75.52

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2460766-604 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	16.50	500.00	Pass
11n (HT20)	CH149	17.40	500.00	Pass
11n (HT20)	CH157	17.60	500.00	Pass
11n (HT20)	CH165	17.40	500.00	Pass
11n (HT40)	CH151	36.50	500.00	Pass
11n (HT40)	CH159	36.50	500.00	Pass
11ac (VHT20)	CH149	17.40	500.00	Pass
11ac (VHT20)	CH157	17.60	500.00	Pass
11ac (VHT20)	CH165	17.40	500.00	Pass
11ac (VHT40)	CH151	36.40	500.00	Pass
11ac (VHT40)	CH159	36.60	500.00	Pass
11ac (VHT80)	CH155	75.80	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2460766-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-3.14	11.00	Pass
11a	CH44	-2.92	11.00	Pass
11a	CH48	-2.96	11.00	Pass
11n (HT20)	CH36	-3.37	11.00	Pass
11n (HT20)	CH44	-3.32	11.00	Pass
11n (HT20)	CH48	-3.27	11.00	Pass
11n (HT40)	CH38	-6.47	11.00	Pass
11n (HT40)	CH46	-5.26	11.00	Pass
11ac (VHT20)	CH36	-3.38	11.00	Pass
11ac (VHT20)	CH44	-3.45	11.00	Pass
11ac (VHT20)	CH48	-3.44	11.00	Pass
11ac (VHT40)	CH38	-6.59	11.00	Pass
11ac (VHT40)	CH46	-5.12	11.00	Pass
11ac (VHT80)	CH42	-7.54	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-3.15	11.00	Pass
11a	CH60	-2.91	11.00	Pass
11a	CH64	-3.67	11.00	Pass
11n (HT20)	CH52	-3.32	11.00	Pass
11n (HT20)	CH60	-3.15	11.00	Pass
11n (HT20)	CH64	-3.03	11.00	Pass
11n (HT40)	CH54	-5.25	11.00	Pass
11n (HT40)	CH62	-6.02	11.00	Pass
11ac (VHT20)	CH52	-3.34	11.00	Pass
11ac (VHT20)	CH60	-2.96	11.00	Pass
11ac (VHT20)	CH64	-3.05	11.00	Pass
11ac (VHT40)	CH54	-5.38	11.00	Pass
11ac (VHT40)	CH62	-5.83	11.00	Pass
11ac (VHT80)	CH58	-9.67	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-3.35	11.00	Pass
11a	CH116	-3.15	11.00	Pass
11a	CH140	-2.65	11.00	Pass
11n (HT20)	CH100	-2.71	11.00	Pass
11n (HT20)	CH116	-2.89	11.00	Pass
11n (HT20)	CH140	-3.10	11.00	Pass
11n (HT40)	CH102	-6.16	11.00	Pass
11n (HT40)	CH118	-6.43	11.00	Pass
11n (HT40)	CH134	-6.05	11.00	Pass
11ac (VHT20)	CH100	-3.57	11.00	Pass
11ac (VHT20)	CH116	-3.50	11.00	Pass
11ac (VHT20)	CH140	-3.05	11.00	Pass
11ac (VHT40)	CH102	-5.75	11.00	Pass
11ac (VHT40)	CH118	-6.15	11.00	Pass
11ac (VHT40)	CH134	-5.99	11.00	Pass
11ac (VHT80)	CH106	-8.82	11.00	Pass
11ac (VHT80)	CH122	-8.01	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-6.06	30.00	Pass
11a	CH157	-6.06	30.00	Pass
11a	CH165	-5.83	30.00	Pass
11n (HT20)	CH149	-6.20	30.00	Pass
11n (HT20)	CH157	-6.47	30.00	Pass
11n (HT20)	CH165	-5.91	30.00	Pass
11n (HT40)	CH151	-8.96	30.00	Pass
11n (HT40)	CH159	-9.65	30.00	Pass
11ac (VHT20)	CH149	-6.03	30.00	Pass
11ac (VHT20)	CH157	-6.37	30.00	Pass
11ac (VHT20)	CH165	-5.95	30.00	Pass
11ac (VHT40)	CH151	-9.53	30.00	Pass
11ac (VHT40)	CH159	-9.41	30.00	Pass
11ac (VHT80)	CH155	-12.18	30.00	Pass

A.5 Conducted Emissions

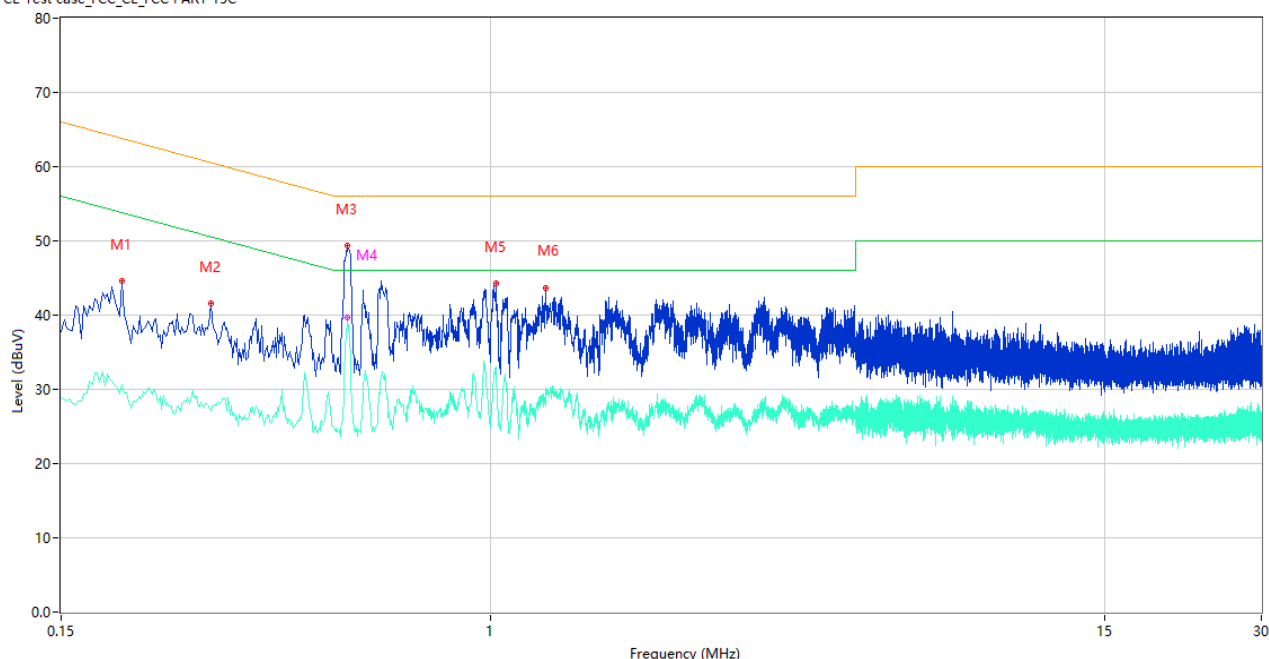
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

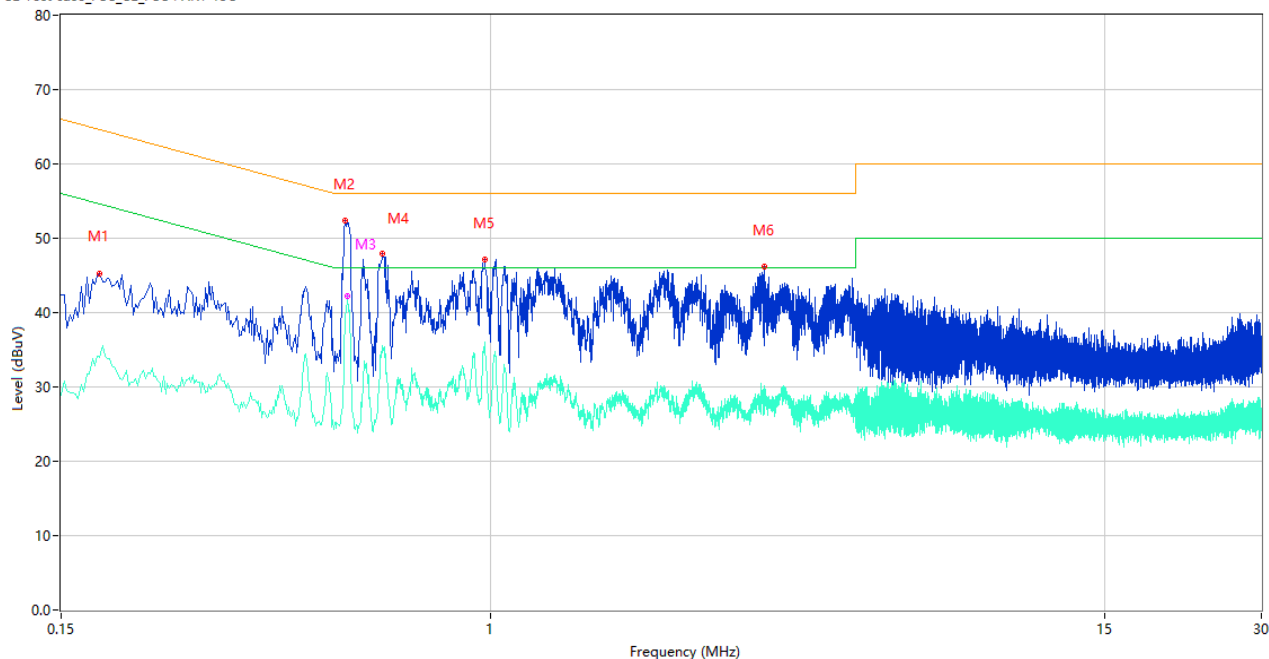
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.196	44.59	9.77	63.78	19.19	Peak	L	Pass
1**	0.196	30.69	9.77	53.78	23.09	AV	L	Pass
2	0.290	41.54	9.76	60.52	18.98	Peak	L	Pass
2**	0.290	27.00	9.76	50.52	23.52	AV	L	Pass
3	0.530	49.34	10.01	56.00	6.66	Peak	L	Pass
3**	0.530	39.44	10.01	46.00	6.56	AV	L	Pass
4	0.532	48.53	10.01	56.00	7.47	Peak	L	Pass
4**	0.532	39.75	10.01	46.00	6.25	AV	L	Pass
5	1.024	44.26	10.07	56.00	11.74	Peak	L	Pass
5**	1.024	31.73	10.07	46.00	14.27	AV	L	Pass
6	1.272	43.67	10.48	56.00	12.33	Peak	L	Pass
6**	1.272	27.85	10.48	46.00	18.15	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	0.178	45.30	9.78	64.58	19.28	Peak	N	Pass
1**	0.178	33.91	9.78	54.58	20.67	AV	N	Pass
2	0.526	52.33	10.01	56.00	3.67	Peak	N	Pass
2**	0.526	39.69	10.01	46.00	6.31	AV	N	Pass
3	0.532	52.08	10.01	56.00	3.92	Peak	N	Pass
3**	0.532	42.15	10.01	46.00	3.85	AV	N	Pass
4	0.620	47.92	10.18	56.00	8.08	Peak	N	Pass
4**	0.620	34.58	10.18	46.00	11.42	AV	N	Pass
5	0.974	47.07	10.02	56.00	8.93	Peak	N	Pass
5**	0.974	35.43	10.02	46.00	10.57	AV	N	Pass
6	3.340	46.17	10.43	56.00	9.83	Peak	N	Pass
6**	3.340	29.61	10.43	46.00	16.39	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.

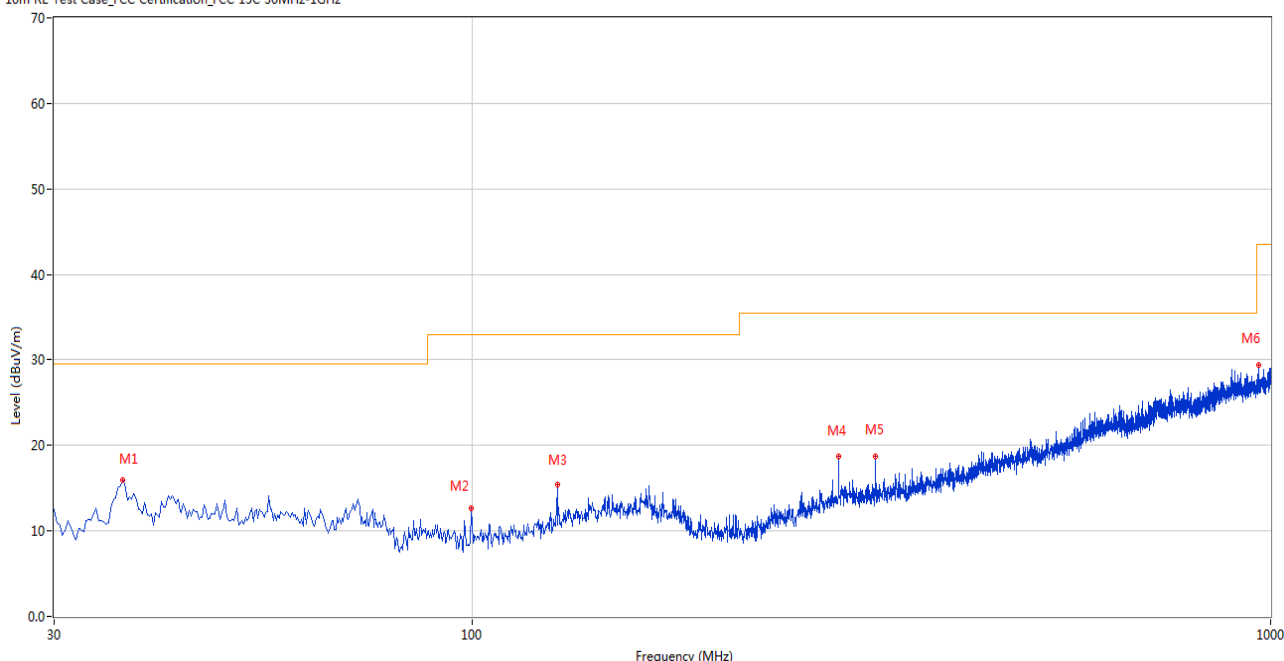
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

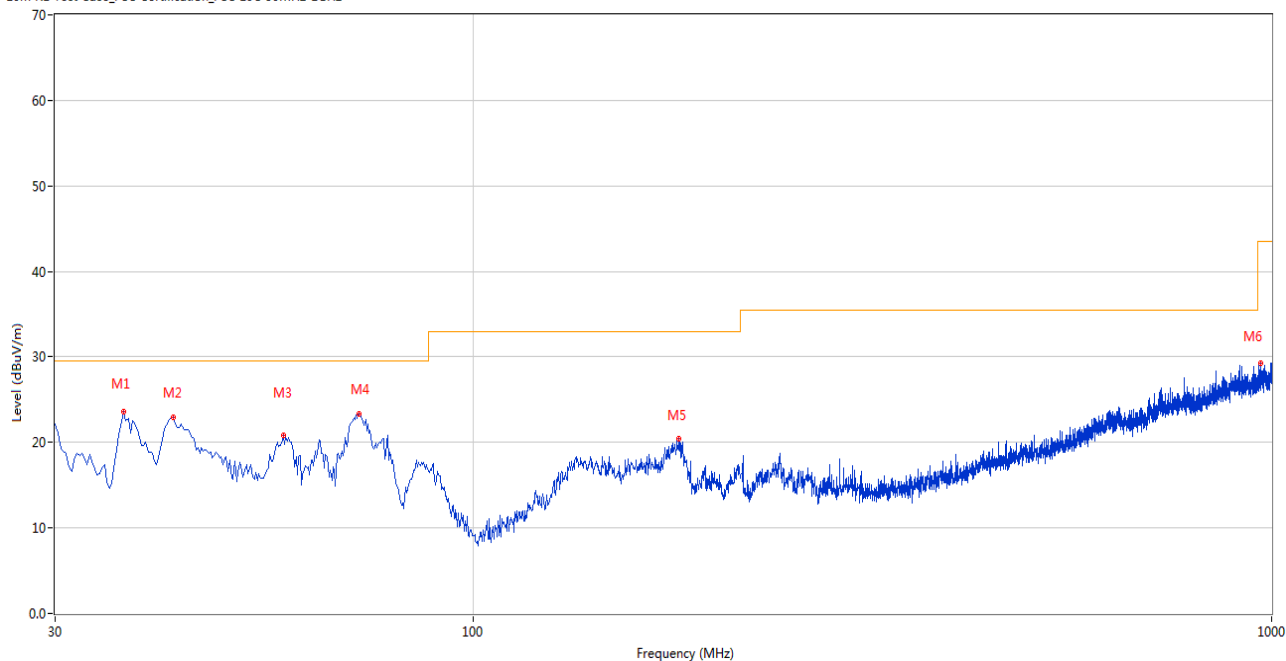
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.546	15.91	-27.15	29.5	13.59	Peak	101.00	200	Horizontal	Pass
2	99.823	12.63	-30.60	33.0	20.37	Peak	20.00	200	Horizontal	Pass
3	127.946	15.48	-27.27	33.0	17.52	Peak	0.00	200	Horizontal	Pass
4	287.956	18.77	-25.18	35.5	16.73	Peak	107.00	200	Horizontal	Pass
5	319.958	18.71	-24.36	35.5	16.79	Peak	0.00	200	Horizontal	Pass
6	965.089	29.39	-10.11	43.5	14.11	Peak	0.00	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	36.546	23.54	-27.15	29.5	5.96	Peak	0.00	200	Vertical	Pass
2	42.122	22.95	-26.40	29.5	6.55	Peak	90.00	100	Vertical	Pass
3	57.881	20.88	-26.39	29.5	8.62	Peak	155.00	100	Vertical	Pass
4	71.942	23.30	-28.63	29.5	6.20	Peak	172.00	200	Vertical	Pass
5	181.282	20.48	-27.07	33.0	12.52	Peak	243.00	100	Vertical	Pass
6	970.180	29.20	-10.25	43.5	14.30	Peak	215.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.000	38.32	-16.85	74.0	35.68	Peak	154.00	400	Horizontal	Pass
1**	1486.000	29.28	-16.85	54.0	24.72	AV	154.00	400	Horizontal	Pass
2	4144.000	47.38	-5.46	74.0	26.62	Peak	4.00	300	Horizontal	Pass
2**	4144.000	41.67	-5.46	54.0	12.33	AV	4.00	300	Horizontal	Pass
3	5177.250	104.32	-2.66	--	--	Peak	185.00	100	Horizontal	N/A
3**	5177.250	97.45	-2.66	--	--	AV	185.00	100	Horizontal	N/A
4	7710.250	53.68	1.90	74.0	20.32	Peak	4.00	200	Horizontal	Pass
4**	7710.250	44.83	1.90	54.0	9.17	AV	4.00	200	Horizontal	Pass
5	11809.263	52.10	-0.25	74.0	21.90	Peak	25.00	100	Horizontal	Pass
5**	11809.263	42.35	-0.25	54.0	11.65	AV	25.00	100	Horizontal	Pass
6	15423.037	54.34	2.50	74.0	19.66	Peak	13.00	100	Horizontal	Pass
6**	15423.037	43.90	2.50	54.0	10.10	AV	13.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.600	39.13	-16.77	74.0	34.87	Peak	0.00	300	Vertical	Pass
1**	1511.600	28.79	-16.77	54.0	25.21	AV	0.00	300	Vertical	Pass
2	4266.500	47.15	-4.83	74.0	26.85	Peak	138.00	100	Vertical	Pass
2**	4266.500	37.41	-4.83	54.0	16.59	AV	138.00	100	Vertical	Pass
3	5177.000	94.84	-2.81	--	--	Peak	260.00	200	Vertical	N/A
3**	5177.000	87.12	-2.81	--	--	AV	260.00	200	Vertical	N/A
4	7723.000	53.14	0.91	74.0	20.86	Peak	118.00	200	Vertical	Pass
4**	7723.000	43.12	0.91	54.0	10.88	AV	118.00	200	Vertical	Pass
5	11790.500	51.99	-0.15	74.0	22.01	Peak	177.00	200	Vertical	Pass
5**	11790.500	42.89	-0.15	54.0	11.11	AV	177.00	200	Vertical	Pass
6	16091.625	54.25	1.64	74.0	19.75	Peak	213.00	300	Vertical	Pass
6**	16091.625	44.80	1.64	54.0	9.20	AV	213.00	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	1515.900	38.09	-16.92	74.0	35.91	Peak	300.00	300	Horizontal	Pass
1**	1515.900	28.84	-16.92	54.0	25.16	AV	300.00	300	Horizontal	Pass
2	4315.000	47.44	-5.00	74.0	26.56	Peak	255.00	300	Horizontal	Pass
2**	4315.000	37.81	-5.00	54.0	16.19	AV	255.00	300	Horizontal	Pass
3	5222.000	103.99	-2.99	--	--	Peak	16.00	150	Horizontal	N/A
3**	5222.000	96.42	-2.99	--	--	AV	16.00	150	Horizontal	N/A
4	7682.500	53.11	0.68	74.0	20.89	Peak	296.00	200	Horizontal	Pass
4**	7682.500	43.98	0.68	54.0	10.02	AV	296.00	200	Horizontal	Pass
5	11803.325	52.08	-0.18	74.0	21.92	Peak	19.00	200	Horizontal	Pass
5**	11803.325	42.65	-0.18	54.0	11.35	AV	19.00	200	Horizontal	Pass
6	16110.788	53.89	1.84	74.0	20.11	Peak	347.00	100	Horizontal	Pass
6**	16110.788	44.58	1.84	54.0	9.42	AV	347.00	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	1510.400	37.91	-17.10	74.0	36.09	Peak	266.00	100	Vertical	Pass
1**	1510.400	27.97	-17.10	54.0	26.03	AV	266.00	100	Vertical	Pass
2	3975.000	46.83	-5.50	74.0	27.17	Peak	114.00	400	Vertical	Pass
2**	3975.000	36.61	-5.50	54.0	17.39	AV	114.00	400	Vertical	Pass
3	5222.000	93.16	-2.99	--	--	Peak	257.00	200	Vertical	N/A
3**	5222.000	84.81	-2.99	--	--	AV	257.00	200	Vertical	N/A
4	7748.250	53.19	0.13	74.0	20.81	Peak	357.00	400	Vertical	Pass
4**	7748.250	43.32	0.13	54.0	10.68	AV	357.00	400	Vertical	Pass
5	11991.663	52.06	0.29	74.0	21.94	Peak	351.00	200	Vertical	Pass
5**	11991.663	41.93	0.29	54.0	12.07	AV	351.00	200	Vertical	Pass
6	16107.375	54.43	1.81	74.0	19.57	Peak	360.00	200	Vertical	Pass
6**	16107.375	45.41	1.81	54.0	8.59	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.700	38.05	-16.83	74.0	35.95	Peak	122.00	200	Horizontal	Pass
1**	1529.700	28.45	-16.83	54.0	25.55	AV	122.00	200	Horizontal	Pass
2	4262.750	46.69	-4.90	74.0	27.31	Peak	236.00	300	Horizontal	Pass
2**	4262.750	37.07	-4.90	54.0	16.93	AV	236.00	300	Horizontal	Pass
3	5234.750	104.89	-2.95	--	--	Peak	216.00	150	Horizontal	N/A
3**	5234.750	96.95	-2.95	--	--	AV	216.00	150	Horizontal	N/A
4	7672.750	53.48	0.58	74.0	20.52	Peak	257.00	100	Horizontal	Pass
4**	7672.750	43.86	0.58	54.0	10.14	AV	257.00	100	Horizontal	Pass
5	11747.512	52.50	-0.21	74.0	21.50	Peak	222.00	200	Horizontal	Pass
5**	11747.512	42.24	-0.21	54.0	11.76	AV	222.00	200	Horizontal	Pass
6	16112.362	54.71	1.85	74.0	19.29	Peak	40.00	400	Horizontal	Pass
6**	16112.362	45.39	1.85	54.0	8.61	AV	40.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.200	38.26	-17.05	74.0	35.74	Peak	68.00	400	Vertical	Pass
1**	1608.200	28.80	-17.05	54.0	25.20	AV	68.00	400	Vertical	Pass
2	4327.250	47.09	-5.03	74.0	26.91	Peak	276.00	400	Vertical	Pass
2**	4327.250	37.77	-5.03	54.0	16.23	AV	276.00	400	Vertical	Pass
3	5237.750	94.54	-2.98	--	--	Peak	255.00	150	Vertical	N/A
3**	5237.750	86.34	-2.98	--	--	AV	255.00	150	Vertical	N/A
4	7419.500	52.87	1.23	74.0	21.13	Peak	316.00	400	Vertical	Pass
4**	7419.500	44.14	1.23	54.0	9.86	AV	316.00	400	Vertical	Pass
5	11753.925	52.51	-0.19	74.0	21.49	Peak	249.00	200	Vertical	Pass
5**	11753.925	43.66	-0.19	54.0	10.34	AV	249.00	200	Vertical	Pass
6	16109.213	54.17	1.82	74.0	19.83	Peak	340.00	300	Vertical	Pass
6**	16109.213	44.38	1.82	54.0	9.62	AV	340.00	300	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	1495.600	38.45	-17.07	74.0	35.55	Peak	115.00	400	Horizontal	Pass
1**	1495.600	28.98	-17.07	54.0	25.02	AV	115.00	400	Horizontal	Pass
2	4143.750	47.74	-5.58	74.0	26.26	Peak	0.00	200	Horizontal	Pass
2**	4143.750	40.51	-5.58	54.0	13.49	AV	0.00	200	Horizontal	Pass
3	5184.750	104.05	-2.40	--	--	Peak	196.00	150	Horizontal	N/A
3**	5184.750	96.40	-2.40	--	--	AV	196.00	150	Horizontal	N/A
4	7636.500	53.48	0.29	74.0	20.52	Peak	337.00	400	Horizontal	Pass
4**	7636.500	43.23	0.29	54.0	10.77	AV	337.00	400	Horizontal	Pass
5	11756.063	52.17	-0.19	74.0	21.83	Peak	27.00	150	Horizontal	Pass
5**	11756.063	43.58	-0.19	54.0	10.42	AV	27.00	150	Horizontal	Pass
6	16134.412	53.92	2.03	74.0	20.08	Peak	354.00	100	Horizontal	Pass
6**	16134.412	45.24	2.03	54.0	8.76	AV	354.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.600	38.69	-16.86	74.0	35.31	Peak	98.00	200	Vertical	Pass
1**	1603.600	28.90	-16.86	54.0	25.10	AV	98.00	200	Vertical	Pass
2	4380.250	47.16	-4.90	74.0	26.84	Peak	238.00	200	Vertical	Pass
2**	4380.250	36.99	-4.90	54.0	17.01	AV	238.00	200	Vertical	Pass
3	5183.750	95.22	-2.33	--	--	Peak	279.00	100	Vertical	N/A
3**	5183.750	87.81	-2.33	--	--	AV	279.00	100	Vertical	N/A
4	7655.000	53.13	1.20	74.0	20.87	Peak	238.00	200	Vertical	Pass
4**	7655.000	43.11	1.20	54.0	10.89	AV	238.00	200	Vertical	Pass
5	11791.213	52.07	-0.15	74.0	21.93	Peak	110.00	100	Vertical	Pass
5**	11791.213	43.16	-0.15	54.0	10.84	AV	110.00	100	Vertical	Pass
6	16122.338	53.84	1.93	74.0	20.16	Peak	127.00	200	Vertical	Pass
6**	16122.338	45.16	1.93	54.0	8.84	AV	127.00	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	1515.500	38.28	-17.07	74.0	35.72	Peak	219.00	400	Horizontal	Pass
1**	1515.500	28.65	-17.07	54.0	25.35	AV	219.00	400	Horizontal	Pass
2	4176.000	47.44	-5.42	74.0	26.56	Peak	36.00	300	Horizontal	Pass
2**	4176.000	42.80	-5.42	54.0	11.20	AV	36.00	300	Horizontal	Pass
3	5213.000	104.71	-2.60	--	--	Peak	205.00	150	Horizontal	N/A
3**	5213.000	96.50	-2.60	--	--	AV	205.00	150	Horizontal	N/A
4	7414.500	53.24	0.73	74.0	20.76	Peak	245.00	400	Horizontal	Pass
4**	7414.500	44.09	0.73	54.0	9.91	AV	245.00	400	Horizontal	Pass
5	11790.026	52.53	-0.16	74.0	21.47	Peak	183.00	100	Horizontal	Pass
5**	11790.026	42.86	-0.16	54.0	11.14	AV	183.00	100	Horizontal	Pass
6	16064.326	53.87	1.28	74.0	20.13	Peak	291.00	200	Horizontal	Pass
6**	16064.326	44.64	1.28	54.0	9.36	AV	291.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.600	38.19	-16.95	74.0	35.81	Peak	3.00	100	Vertical	Pass
1**	1440.600	28.55	-16.95	54.0	25.45	AV	3.00	100	Vertical	Pass
2	4324.250	47.20	-4.89	74.0	26.80	Peak	198.00	200	Vertical	Pass
2**	4324.250	37.11	-4.89	54.0	16.89	AV	198.00	200	Vertical	Pass
3	5227.000	93.99	-3.27	--	--	Peak	282.00	150	Vertical	N/A
3**	5227.000	86.78	-3.27	--	--	AV	282.00	150	Vertical	N/A
4	7689.250	53.18	1.23	74.0	20.82	Peak	75.00	200	Vertical	Pass
4**	7689.250	44.70	1.23	54.0	9.30	AV	75.00	200	Vertical	Pass
5	11770.787	52.44	-0.17	74.0	21.56	Peak	334.00	200	Vertical	Pass
5**	11770.787	43.05	-0.17	54.0	10.95	AV	334.00	200	Vertical	Pass
6	16135.987	54.22	2.04	74.0	19.78	Peak	308.00	100	Vertical	Pass
6**	16135.987	44.93	2.04	54.0	9.07	AV	308.00	100	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	1611.100	37.98	-17.00	74.0	36.02	Peak	356.00	200	Horizontal	Pass
1**	1611.100	28.89	-17.00	54.0	25.11	AV	356.00	200	Horizontal	Pass
2	4304.250	47.21	-5.09	74.0	26.79	Peak	322.00	300	Horizontal	Pass
2**	4304.250	38.06	-5.09	54.0	15.94	AV	322.00	300	Horizontal	Pass
3	5243.000	105.24	-3.12	--	--	Peak	196.00	150	Horizontal	N/A
3**	5243.000	97.13	-3.12	--	--	AV	196.00	150	Horizontal	N/A
4	7700.500	52.97	1.03	74.0	21.03	Peak	360.00	400	Horizontal	Pass
4**	7700.500	43.74	1.03	54.0	10.26	AV	360.00	400	Horizontal	Pass
5	12246.500	52.31	1.05	74.0	21.69	Peak	163.00	200	Horizontal	Pass
5**	12246.500	44.03	1.05	54.0	9.97	AV	163.00	200	Horizontal	Pass
6	16112.888	54.57	1.85	74.0	19.43	Peak	332.00	100	Horizontal	Pass
6**	16112.888	44.79	1.85	54.0	9.21	AV	332.00	100	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	1480.200	38.03	-16.96	74.0	35.97	Peak	22.00	100	Vertical	Pass
1**	1480.200	29.20	-16.96	54.0	24.80	AV	22.00	100	Vertical	Pass
2	4289.000	47.25	-4.57	74.0	26.75	Peak	259.00	200	Vertical	Pass
2**	4289.000	38.18	-4.57	54.0	15.82	AV	259.00	200	Vertical	Pass
3	5235.250	94.10	-2.86	--	--	Peak	259.00	150	Vertical	N/A
3**	5235.250	87.27	-2.86	--	--	AV	259.00	150	Vertical	N/A
4	7681.750	53.09	0.79	74.0	20.91	Peak	360.00	200	Vertical	Pass
4**	7681.750	44.30	0.79	54.0	9.70	AV	360.00	200	Vertical	Pass
5	11759.625	52.65	-0.19	74.0	21.35	Peak	232.00	100	Vertical	Pass
5**	11759.625	43.05	-0.19	54.0	10.95	AV	232.00	100	Vertical	Pass
6	15673.463	53.88	1.89	74.0	20.12	Peak	210.00	200	Vertical	Pass
6**	15673.463	43.97	1.89	54.0	10.03	AV	210.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.200	38.51	-16.88	74.0	35.49	Peak	360.00	300	Horizontal	Pass
1**	1447.200	29.46	-16.88	54.0	24.54	AV	360.00	300	Horizontal	Pass
2	4260.250	47.52	-4.42	74.0	26.48	Peak	96.00	200	Horizontal	Pass
2**	4260.250	37.85	-4.42	54.0	16.15	AV	96.00	200	Horizontal	Pass
3	5194.750	101.68	-2.76	--	--	Peak	196.00	150	Horizontal	N/A
3**	5194.750	94.53	-2.76	--	--	AV	196.00	150	Horizontal	N/A
4	7694.750	54.33	1.07	74.0	19.67	Peak	325.00	200	Horizontal	Pass
4**	7694.750	44.26	1.07	54.0	9.74	AV	325.00	200	Horizontal	Pass
5	11806.412	52.41	-0.22	74.0	21.59	Peak	286.00	100	Horizontal	Pass
5**	11806.412	43.13	-0.22	54.0	10.87	AV	286.00	100	Horizontal	Pass
6	16100.287	54.11	1.75	74.0	19.89	Peak	178.00	200	Horizontal	Pass
6**	16100.287	44.61	1.75	54.0	9.39	AV	178.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	38.12	-16.50	74.0	35.88	Peak	118.00	200	Vertical	Pass
1**	1592.700	29.84	-16.50	54.0	24.16	AV	118.00	200	Vertical	Pass
2	4131.500	46.90	-5.66	74.0	27.10	Peak	360.00	200	Vertical	Pass
2**	4131.500	37.19	-5.66	54.0	16.81	AV	360.00	200	Vertical	Pass
3	5182.500	93.77	-2.34	--	--	Peak	258.00	150	Vertical	N/A
3**	5182.500	85.93	-2.34	--	--	AV	258.00	150	Vertical	N/A
4	7422.250	53.00	1.22	74.0	21.00	Peak	135.00	200	Vertical	Pass
4**	7422.250	44.42	1.22	54.0	9.58	AV	135.00	200	Vertical	Pass
5	11794.775	52.10	-0.15	74.0	21.90	Peak	256.00	200	Vertical	Pass
5**	11794.775	42.93	-0.15	54.0	11.07	AV	256.00	200	Vertical	Pass
6	16168.800	54.08	2.02	74.0	19.92	Peak	225.00	400	Vertical	Pass
6**	16168.800	44.43	2.02	54.0	9.57	AV	225.00	400	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	1529.700	38.88	-16.83	74.0	35.12	Peak	3.00	200	Horizontal	Pass
1**	1529.700	28.88	-16.83	54.0	25.12	AV	3.00	200	Horizontal	Pass
2	4190.000	46.80	-5.59	74.0	27.20	Peak	224.00	300	Horizontal	Pass
2**	4190.000	37.58	-5.59	54.0	16.42	AV	224.00	300	Horizontal	Pass
3	5241.000	103.00	-3.09	--	--	Peak	203.00	100	Horizontal	N/A
3**	5241.000	93.53	-3.09	--	--	AV	203.00	100	Horizontal	N/A
4	7708.250	53.03	1.90	74.0	20.97	Peak	224.00	300	Horizontal	Pass
4**	7708.250	44.31	1.90	54.0	9.69	AV	224.00	300	Horizontal	Pass
5	9320.738	55.67	-2.67	74.0	18.33	Peak	360.00	0	Horizontal	Pass
5**	9320.738	39.73	-2.67	54.0	14.27	AV	360.00	0	Horizontal	Pass
6	16091.099	54.79	1.63	74.0	19.21	Peak	73.00	200	Horizontal	Pass
6**	16091.099	45.01	1.63	54.0	8.99	AV	73.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.000	38.85	-17.09	74.0	35.15	Peak	360.00	200	Vertical	Pass
1**	1565.000	29.53	-17.09	54.0	24.47	AV	360.00	200	Vertical	Pass
2	4392.500	47.74	-5.23	74.0	26.26	Peak	181.00	100	Vertical	Pass
2**	4392.500	37.67	-5.23	54.0	16.33	AV	181.00	100	Vertical	Pass
3	5233.500	92.02	-2.89	--	--	Peak	261.00	200	Vertical	N/A
3**	5233.500	85.15	-2.89	--	--	AV	261.00	200	Vertical	N/A
4	7722.000	53.88	1.11	74.0	20.12	Peak	342.00	200	Vertical	Pass
4**	7722.000	43.95	1.11	54.0	10.05	AV	342.00	200	Vertical	Pass
5	10967.562	55.18	-2.70	74.0	18.82	Peak	20.00	100	Vertical	Pass
5**	10967.562	41.98	-2.70	54.0	12.02	AV	20.00	100	Vertical	Pass
6	16106.063	54.16	1.80	74.0	19.84	Peak	33.00	400	Vertical	Pass
6**	16106.063	45.68	1.80	54.0	8.32	AV	33.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.400	39.02	-16.70	74.0	34.98	Peak	344.00	100	Horizontal	Pass
1**	1626.400	28.80	-16.70	54.0	25.20	AV	344.00	100	Horizontal	Pass
2	4143.750	47.74	-5.58	74.0	26.26	Peak	0.00	100	Horizontal	Pass
2**	4143.750	41.29	-5.58	54.0	12.71	AV	0.00	100	Horizontal	Pass
3	5182.500	103.68	-2.34	--	--	Peak	185.00	200	Horizontal	N/A
3**	5182.500	95.96	-2.34	--	--	AV	185.00	200	Horizontal	N/A
4	7685.750	53.68	1.54	74.0	20.32	Peak	230.00	400	Horizontal	Pass
4**	7685.750	44.85	1.54	54.0	9.15	AV	230.00	400	Horizontal	Pass
5	11725.901	52.91	-0.35	74.0	21.09	Peak	38.00	200	Horizontal	Pass
5**	11725.901	42.85	-0.35	54.0	11.15	AV	38.00	200	Horizontal	Pass
6	16101.599	53.98	1.76	74.0	20.02	Peak	342.00	200	Horizontal	Pass
6**	16101.599	45.31	1.76	54.0	8.69	AV	342.00	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	1505.800	38.32	-17.12	74.0	35.68	Peak	195.00	200	Vertical	Pass
1**	1505.800	29.29	-17.12	54.0	24.71	AV	195.00	200	Vertical	Pass
2	4240.250	46.93	-5.06	74.0	27.07	Peak	324.00	100	Vertical	Pass
2**	4240.250	37.34	-5.06	54.0	16.66	AV	324.00	100	Vertical	Pass
3	5183.500	96.28	-2.18	--	--	Peak	242.00	200	Vertical	N/A
3**	5183.500	88.25	-2.18	--	--	AV	242.00	200	Vertical	N/A
4	7337.500	53.56	-0.33	74.0	20.44	Peak	222.00	100	Vertical	Pass
4**	7337.500	43.05	-0.33	54.0	10.95	AV	222.00	100	Vertical	Pass
5	11773.638	52.33	-0.17	74.0	21.67	Peak	173.00	150	Vertical	Pass
5**	11773.638	43.15	-0.17	54.0	10.85	AV	173.00	150	Vertical	Pass
6	16113.675	53.84	1.86	74.0	20.16	Peak	297.00	400	Vertical	Pass
6**	16113.675	45.04	1.86	54.0	8.96	AV	297.00	400	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	1512.900	38.78	-16.94	74.0	35.22	Peak	305.00	400	Horizontal	Pass
1**	1512.900	29.28	-16.94	54.0	24.72	AV	305.00	400	Horizontal	Pass
2	4176.500	46.78	-5.23	74.0	27.22	Peak	344.00	300	Horizontal	Pass
2**	4176.500	41.34	-5.23	54.0	12.66	AV	344.00	300	Horizontal	Pass
3	5218.750	104.07	-2.94	--	--	Peak	181.00	200	Horizontal	N/A
3**	5218.750	97.76	-2.94	--	--	AV	181.00	200	Horizontal	N/A
4	7585.500	53.62	0.66	74.0	20.38	Peak	0.00	400	Horizontal	Pass
4**	7585.500	43.50	0.66	54.0	10.50	AV	0.00	400	Horizontal	Pass
5	11773.875	51.95	-0.17	74.0	22.05	Peak	240.00	100	Horizontal	Pass
5**	11773.875	42.97	-0.17	54.0	11.03	AV	240.00	100	Horizontal	Pass
6	16124.963	54.29	1.95	74.0	19.71	Peak	310.00	200	Horizontal	Pass
6**	16124.963	45.24	1.95	54.0	8.76	AV	310.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.300	38.10	-16.80	74.0	35.90	Peak	285.00	200	Vertical	Pass
1**	1441.300	28.76	-16.80	54.0	25.24	AV	285.00	200	Vertical	Pass
2	4194.500	48.29	-5.44	74.0	25.71	Peak	99.00	400	Vertical	Pass
2**	4194.500	37.25	-5.44	54.0	16.75	AV	99.00	400	Vertical	Pass
3	5227.750	95.16	-3.16	--	--	Peak	223.00	100	Vertical	N/A
3**	5227.750	88.57	-3.16	--	--	AV	223.00	100	Vertical	N/A
4	7359.000	53.59	0.93	74.0	20.41	Peak	58.00	300	Vertical	Pass
4**	7359.000	44.39	0.93	54.0	9.61	AV	58.00	300	Vertical	Pass
5	11777.675	52.05	-0.17	74.0	21.95	Peak	297.00	200	Vertical	Pass
5**	11777.675	43.16	-0.17	54.0	10.84	AV	297.00	200	Vertical	Pass
6	15436.162	54.56	2.23	74.0	19.44	Peak	261.00	400	Vertical	Pass
6**	15436.162	43.84	2.23	54.0	10.16	AV	261.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.100	38.25	-16.98	74.0	35.75	Peak	114.00	300	Horizontal	Pass
1**	1602.100	28.70	-16.98	54.0	25.30	AV	114.00	300	Horizontal	Pass
2	4192.000	47.15	-5.40	74.0	26.85	Peak	324.00	400	Horizontal	Pass
2**	4192.000	41.01	-5.40	54.0	12.99	AV	324.00	400	Horizontal	Pass
3	5242.250	106.08	-3.05	--	--	Peak	182.00	200	Horizontal	N/A
3**	5242.250	96.79	-3.05	--	--	AV	182.00	200	Horizontal	N/A
4	7716.000	53.87	1.44	74.0	20.13	Peak	303.00	300	Horizontal	Pass
4**	7716.000	44.03	1.44	54.0	9.97	AV	303.00	300	Horizontal	Pass
5	11684.575	52.61	-0.77	74.0	21.39	Peak	60.00	200	Horizontal	Pass
5**	11684.575	42.84	-0.77	54.0	11.16	AV	60.00	200	Horizontal	Pass
6	16145.700	54.61	2.12	74.0	19.39	Peak	252.00	200	Horizontal	Pass
6**	16145.700	44.96	2.12	54.0	9.04	AV	252.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.500	39.33	-17.18	74.0	34.67	Peak	122.00	200	Vertical	Pass
1**	1472.500	28.43	-17.18	54.0	25.57	AV	122.00	200	Vertical	Pass
2	4199.000	47.41	-5.64	74.0	26.59	Peak	41.00	100	Vertical	Pass
2**	4199.000	37.84	-5.64	54.0	16.16	AV	41.00	100	Vertical	Pass
3	5232.500	94.33	-3.02	--	--	Peak	244.00	200	Vertical	N/A
3**	5232.500	87.13	-3.02	--	--	AV	244.00	200	Vertical	N/A
4	7687.250	53.45	1.17	74.0	20.55	Peak	21.00	400	Vertical	Pass
4**	7687.250	45.21	1.17	54.0	8.79	AV	21.00	400	Vertical	Pass
5	11757.013	52.47	-0.19	74.0	21.53	Peak	197.00	100	Vertical	Pass
5**	11757.013	43.14	-0.19	54.0	10.86	AV	197.00	100	Vertical	Pass
6	15926.513	54.57	1.57	74.0	19.43	Peak	75.00	100	Vertical	Pass
6**	15926.513	44.40	1.57	54.0	9.60	AV	75.00	100	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	1623.000	38.13	-16.98	74.0	35.87	Peak	149.00	100	Horizontal	Pass
1**	1623.000	29.67	-16.98	54.0	24.33	AV	149.00	100	Horizontal	Pass
2	4151.750	46.92	-5.71	74.0	27.08	Peak	1.00	400	Horizontal	Pass
2**	4151.750	40.34	-5.71	54.0	13.66	AV	1.00	400	Horizontal	Pass
3	5186.250	102.07	-2.42	--	--	Peak	184.00	200	Horizontal	N/A
3**	5186.250	94.21	-2.42	--	--	AV	184.00	200	Horizontal	N/A
4	7689.250	53.11	1.23	74.0	20.89	Peak	164.00	400	Horizontal	Pass
4**	7689.250	44.45	1.23	54.0	9.55	AV	164.00	400	Horizontal	Pass
5	11705.238	52.51	-0.48	74.0	21.49	Peak	271.00	100	Horizontal	Pass
5**	11705.238	42.83	-0.48	54.0	11.17	AV	271.00	100	Horizontal	Pass
6	16132.575	53.98	2.01	74.0	20.02	Peak	198.00	100	Horizontal	Pass
6**	16132.575	44.71	2.01	54.0	9.29	AV	198.00	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	1603.500	38.44	-16.89	74.0	35.56	Peak	168.00	400	Vertical	Pass
1**	1603.500	29.44	-16.89	54.0	24.56	AV	168.00	400	Vertical	Pass
2	3981.750	46.88	-5.54	74.0	27.12	Peak	58.00	100	Vertical	Pass
2**	3981.750	36.89	-5.54	54.0	17.11	AV	58.00	100	Vertical	Pass
3	5183.500	93.66	-2.18	--	--	Peak	240.00	100	Vertical	N/A
3**	5183.500	86.17	-2.18	--	--	AV	240.00	100	Vertical	N/A
4	7704.750	54.26	2.00	74.0	19.74	Peak	0.00	200	Vertical	Pass
4**	7704.750	45.02	2.00	54.0	8.98	AV	0.00	200	Vertical	Pass
5	11999.974	52.11	0.47	74.0	21.89	Peak	77.00	100	Vertical	Pass
5**	11999.974	42.56	0.47	54.0	11.44	AV	77.00	100	Vertical	Pass
6	16116.300	54.22	1.88	74.0	19.78	Peak	162.00	100	Vertical	Pass
6**	16116.300	46.37	1.88	54.0	7.63	AV	162.00	100	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	1612.100	38.09	-16.85	74.0	35.91	Peak	360.00	400	Horizontal	Pass
1**	1612.100	28.63	-16.85	54.0	25.37	AV	360.00	400	Horizontal	Pass
2	4333.250	47.01	-5.13	74.0	26.99	Peak	2.00	100	Horizontal	Pass
2**	4333.250	37.97	-5.13	54.0	16.03	AV	2.00	100	Horizontal	Pass
3	5232.000	102.33	-3.10	--	--	Peak	184.00	100	Horizontal	N/A
3**	5232.000	94.31	-3.10	--	--	AV	184.00	100	Horizontal	N/A
4	7332.000	53.41	0.06	74.0	20.59	Peak	360.00	300	Horizontal	Pass
4**	7332.000	44.31	0.06	54.0	9.69	AV	360.00	300	Horizontal	Pass
5	11789.075	52.54	-0.16	74.0	21.46	Peak	220.00	100	Horizontal	Pass
5**	11789.075	43.86	-0.16	54.0	10.14	AV	220.00	100	Horizontal	Pass
6	16012.875	54.39	1.22	74.0	19.61	Peak	343.00	400	Horizontal	Pass
6**	16012.875	44.13	1.22	54.0	9.87	AV	343.00	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	1487.900	38.10	-16.95	74.0	35.90	Peak	130.00	400	Vertical	Pass
1**	1487.900	28.79	-16.95	54.0	25.21	AV	130.00	400	Vertical	Pass
2	4246.500	48.32	-4.30	74.0	25.68	Peak	305.00	100	Vertical	Pass
2**	4246.500	37.54	-4.30	54.0	16.46	AV	305.00	100	Vertical	Pass
3	5233.000	93.33	-2.98	--	--	Peak	242.00	150	Vertical	N/A
3**	5233.000	86.51	-2.98	--	--	AV	242.00	150	Vertical	N/A
4	7691.250	52.98	0.98	74.0	21.02	Peak	360.00	100	Vertical	Pass
4**	7691.250	43.82	0.98	54.0	10.18	AV	360.00	100	Vertical	Pass
5	12226.076	52.29	0.77	74.0	21.71	Peak	326.00	200	Vertical	Pass
5**	12226.076	42.96	0.77	54.0	11.04	AV	326.00	200	Vertical	Pass
6	16107.375	54.68	1.81	74.0	19.32	Peak	143.00	400	Vertical	Pass
6**	16107.375	44.78	1.81	54.0	9.22	AV	143.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	37.81	-16.98	74.0	36.19	Peak	277.00	200	Horizontal	Pass
1**	1499.700	29.45	-16.98	54.0	24.55	AV	277.00	200	Horizontal	Pass
2	4168.000	47.70	-5.33	74.0	26.30	Peak	0.00	300	Horizontal	Pass
2**	4168.000	41.87	-5.33	54.0	12.13	AV	0.00	300	Horizontal	Pass
3	5231.750	99.10	-3.11	--	--	Peak	181.00	100	Horizontal	N/A
3**	5231.750	91.28	-3.11	--	--	AV	181.00	100	Horizontal	N/A
4	7357.000	53.12	0.81	74.0	20.88	Peak	119.00	100	Horizontal	Pass
4**	7357.000	43.79	0.81	54.0	10.21	AV	119.00	100	Horizontal	Pass
5	11804.276	52.86	-0.19	74.0	21.14	Peak	290.00	150	Horizontal	Pass
5**	11804.276	43.33	-0.19	54.0	10.67	AV	290.00	150	Horizontal	Pass
6	16114.463	54.38	1.87	74.0	19.62	Peak	101.00	400	Horizontal	Pass
6**	16114.463	45.28	1.87	54.0	8.72	AV	101.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.800	37.85	-17.06	74.0	36.15	Peak	256.00	100	Vertical	Pass
1**	1448.800	28.56	-17.06	54.0	25.44	AV	256.00	100	Vertical	Pass
2	4334.500	47.17	-4.84	74.0	26.83	Peak	303.00	400	Vertical	Pass
2**	4334.500	37.44	-4.84	54.0	16.56	AV	303.00	400	Vertical	Pass
3	5221.500	89.94	-3.10	--	--	Peak	221.00	100	Vertical	N/A
3**	5221.500	82.86	-3.10	--	--	AV	221.00	100	Vertical	N/A
4	7692.250	53.71	0.93	74.0	20.29	Peak	121.00	300	Vertical	Pass
4**	7692.250	44.37	0.93	54.0	9.63	AV	121.00	300	Vertical	Pass
5	12248.162	52.10	1.08	74.0	21.90	Peak	262.00	100	Vertical	Pass
5**	12248.162	43.29	1.08	54.0	10.71	AV	262.00	100	Vertical	Pass
6	15925.200	53.99	1.59	74.0	20.01	Peak	47.00	200	Vertical	Pass
6**	15925.200	44.47	1.59	54.0	9.53	AV	47.00	200	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	1614.500	38.65	-17.10	74.0	35.35	Peak	5.00	100	Horizontal	Pass
1**	1614.500	29.39	-17.10	54.0	24.61	AV	5.00	100	Horizontal	Pass
2	4207.750	47.46	-4.90	74.0	26.54	Peak	326.00	200	Horizontal	Pass
2**	4207.750	40.04	-4.90	54.0	13.96	AV	326.00	200	Horizontal	Pass
3	5264.750	105.12	-2.99	--	--	Peak	183.00	150	Horizontal	N/A
3**	5264.750	98.15	-2.99	--	--	AV	183.00	150	Horizontal	N/A
4	7710.250	54.40	1.90	74.0	19.60	Peak	360.00	200	Horizontal	Pass
4**	7710.250	45.75	1.90	54.0	8.25	AV	360.00	200	Horizontal	Pass
5	11723.050	52.61	-0.37	74.0	21.39	Peak	54.00	150	Horizontal	Pass
5**	11723.050	42.79	-0.37	54.0	11.21	AV	54.00	150	Horizontal	Pass
6	16136.513	54.59	2.04	74.0	19.41	Peak	51.00	100	Horizontal	Pass
6**	16136.513	45.85	2.04	54.0	8.15	AV	51.00	100	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	1582.200	38.48	-16.78	74.0	35.52	Peak	142.00	200	Vertical	Pass
1**	1582.200	29.58	-16.78	54.0	24.42	AV	142.00	200	Vertical	Pass
2	4255.250	46.71	-4.03	74.0	27.29	Peak	360.00	100	Vertical	Pass
2**	4255.250	38.05	-4.03	54.0	15.95	AV	360.00	100	Vertical	Pass
3	5253.250	94.84	-3.02	--	--	Peak	222.00	100	Vertical	N/A
3**	5253.250	87.18	-3.02	--	--	AV	222.00	100	Vertical	N/A
4	7721.250	53.41	0.92	74.0	20.59	Peak	120.00	300	Vertical	Pass
4**	7721.250	43.54	0.92	54.0	10.46	AV	120.00	300	Vertical	Pass
5	12219.425	52.85	0.68	74.0	21.15	Peak	262.00	100	Vertical	Pass
5**	12219.425	43.28	0.68	54.0	10.72	AV	262.00	100	Vertical	Pass
6	16134.412	54.46	2.03	74.0	19.54	Peak	211.00	200	Vertical	Pass
6**	16134.412	45.32	2.03	54.0	8.68	AV	211.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	38.26	-17.20	74.0	35.74	Peak	134.00	100	Horizontal	Pass
1**	1485.000	29.51	-17.20	54.0	24.49	AV	134.00	100	Horizontal	Pass
2	4331.750	47.20	-4.61	74.0	26.80	Peak	201.00	100	Horizontal	Pass
2**	4331.750	37.33	-4.61	54.0	16.67	AV	201.00	100	Horizontal	Pass
3	5303.750	105.39	-2.80	--	--	Peak	201.00	150	Horizontal	N/A
3**	5303.750	97.47	-2.80	--	--	AV	201.00	150	Horizontal	N/A
4	7702.000	54.29	1.48	74.0	19.71	Peak	119.00	400	Horizontal	Pass
4**	7702.000	44.65	1.48	54.0	9.35	AV	119.00	400	Horizontal	Pass
5	11802.138	52.33	-0.17	74.0	21.67	Peak	335.00	200	Horizontal	Pass
5**	11802.138	43.39	-0.17	54.0	10.61	AV	335.00	200	Horizontal	Pass
6	16125.750	55.54	1.96	74.0	18.46	Peak	114.00	100	Horizontal	Pass
6**	16125.750	45.76	1.96	54.0	8.24	AV	114.00	100	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	1442.000	38.02	-16.92	74.0	35.98	Peak	134.00	100	Vertical	Pass
1**	1442.000	29.04	-16.92	54.0	24.96	AV	134.00	100	Vertical	Pass
2	4283.250	47.57	-4.57	74.0	26.43	Peak	261.00	200	Vertical	Pass
2**	4283.250	38.05	-4.57	54.0	15.95	AV	261.00	200	Vertical	Pass
3	5293.000	94.85	-2.69	--	--	Peak	157.00	150	Vertical	N/A
3**	5293.000	87.36	-2.69	--	--	AV	157.00	150	Vertical	N/A
4	7727.750	53.63	0.43	74.0	20.37	Peak	75.00	100	Vertical	Pass
4**	7727.750	44.24	0.43	54.0	9.76	AV	75.00	100	Vertical	Pass
5	12412.037	52.91	1.09	74.0	21.09	Peak	297.00	200	Vertical	Pass
5**	12412.037	42.76	1.09	54.0	11.24	AV	297.00	200	Vertical	Pass
6	16104.487	55.34	1.79	74.0	18.66	Peak	280.00	400	Vertical	Pass
6**	16104.487	45.47	1.79	54.0	8.53	AV	280.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	38.68	-17.01	74.0	35.32	Peak	0.00	300	Horizontal	Pass
1**	1611.000	29.13	-17.01	54.0	24.87	AV	0.00	300	Horizontal	Pass
2	3987.750	47.16	-5.77	74.0	26.84	Peak	94.00	100	Horizontal	Pass
2**	3987.750	36.94	-5.77	54.0	17.06	AV	94.00	100	Horizontal	Pass
3	5325.000	106.19	-2.83	--	--	Peak	179.00	100	Horizontal	N/A
3**	5325.000	98.64	-2.83	--	--	AV	179.00	100	Horizontal	N/A
4	7620.750	53.31	0.33	74.0	20.69	Peak	0.00	200	Horizontal	Pass
4**	7620.750	43.30	0.33	54.0	10.70	AV	0.00	200	Horizontal	Pass
5	12219.187	52.71	0.67	74.0	21.29	Peak	313.00	100	Horizontal	Pass
5**	12219.187	42.95	0.67	54.0	11.05	AV	313.00	100	Horizontal	Pass
6	16123.650	54.19	1.94	74.0	19.81	Peak	247.00	400	Horizontal	Pass
6**	16123.650	45.69	1.94	54.0	8.31	AV	247.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.600	38.16	-16.75	74.0	35.84	Peak	234.00	400	Vertical	Pass
1**	1612.600	28.89	-16.75	54.0	25.11	AV	234.00	400	Vertical	Pass
2	4257.250	46.79	-4.22	74.0	27.21	Peak	265.00	300	Vertical	Pass
2**	4257.250	39.03	-4.22	54.0	14.97	AV	265.00	300	Vertical	Pass
3	5324.250	96.09	-2.77	--	--	Peak	245.00	200	Vertical	N/A
3**	5324.250	88.83	-2.77	--	--	AV	245.00	200	Vertical	N/A
4	7708.500	53.95	1.84	74.0	20.05	Peak	360.00	100	Vertical	Pass
4**	7708.500	45.10	1.84	54.0	8.90	AV	360.00	100	Vertical	Pass
5	11756.775	52.93	-0.19	74.0	21.07	Peak	60.00	100	Vertical	Pass
5**	11756.775	43.05	-0.19	54.0	10.95	AV	60.00	100	Vertical	Pass
6	16120.237	55.13	1.91	74.0	18.87	Peak	0.00	300	Vertical	Pass
6**	16120.237	44.91	1.91	54.0	9.09	AV	0.00	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	1503.700	38.33	-17.09	74.0	35.67	Peak	69.00	300	Horizontal	Pass
1**	1503.700	28.66	-17.09	54.0	25.34	AV	69.00	300	Horizontal	Pass
2	4208.250	47.54	-4.99	74.0	26.46	Peak	344.00	100	Horizontal	Pass
2**	4208.250	41.93	-4.99	54.0	12.07	AV	344.00	100	Horizontal	Pass
3	5261.000	105.20	-3.04	--	--	Peak	203.00	100	Horizontal	N/A
3**	5261.000	96.81	-3.04	--	--	AV	203.00	100	Horizontal	N/A
4	7677.500	53.62	0.87	74.0	20.38	Peak	162.00	300	Horizontal	Pass
4**	7677.500	44.22	0.87	54.0	9.78	AV	162.00	300	Horizontal	Pass
5	12258.850	52.57	1.01	74.0	21.43	Peak	142.00	100	Horizontal	Pass
5**	12258.850	43.29	1.01	54.0	10.71	AV	142.00	100	Horizontal	Pass
6	16075.350	54.88	1.43	74.0	19.12	Peak	193.00	300	Horizontal	Pass
6**	16075.350	45.34	1.43	54.0	8.66	AV	193.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.500	37.93	-17.17	74.0	36.07	Peak	282.00	400	Vertical	Pass
1**	1533.500	28.16	-17.17	54.0	25.84	AV	282.00	400	Vertical	Pass
2	4358.250	47.56	-4.57	74.0	26.44	Peak	23.00	400	Vertical	Pass
2**	4358.250	37.87	-4.57	54.0	16.13	AV	23.00	400	Vertical	Pass
3	5263.000	94.80	-3.02	--	--	Peak	164.00	150	Vertical	N/A
3**	5263.000	85.95	-3.02	--	--	AV	164.00	150	Vertical	N/A
4	7710.250	53.76	1.90	74.0	20.24	Peak	344.00	400	Vertical	Pass
4**	7710.250	44.98	1.90	54.0	9.02	AV	344.00	400	Vertical	Pass
5	12256.474	52.59	1.03	74.0	21.41	Peak	30.00	100	Vertical	Pass
5**	12256.474	43.48	1.03	54.0	10.52	AV	30.00	100	Vertical	Pass
6	16131.526	55.03	2.00	74.0	18.97	Peak	125.00	400	Vertical	Pass
6**	16131.526	45.52	2.00	54.0	8.48	AV	125.00	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	1593.800	38.14	-16.90	74.0	35.86	Peak	195.00	200	Horizontal	Pass
1**	1593.800	28.50	-16.90	54.0	25.50	AV	195.00	200	Horizontal	Pass
2	4205.500	46.88	-5.21	74.0	27.12	Peak	201.00	100	Horizontal	Pass
2**	4205.500	37.60	-5.21	54.0	16.40	AV	201.00	100	Horizontal	Pass
3	5293.000	105.90	-2.69	--	--	Peak	181.00	200	Horizontal	N/A
3**	5293.000	97.76	-2.69	--	--	AV	181.00	200	Horizontal	N/A
4	7693.500	53.42	1.03	74.0	20.58	Peak	82.00	200	Horizontal	Pass
4**	7693.500	45.60	1.03	54.0	8.40	AV	82.00	200	Horizontal	Pass
5	12230.587	53.04	0.83	74.0	20.96	Peak	139.00	300	Horizontal	Pass
5**	12230.587	45.03	0.83	54.0	8.97	AV	139.00	300	Horizontal	Pass
6	16112.888	54.74	1.85	74.0	19.26	Peak	325.00	200	Horizontal	Pass
6**	16112.888	45.57	1.85	54.0	8.43	AV	325.00	200	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	1480.300	38.21	-16.93	74.0	35.79	Peak	59.00	200	Vertical	Pass
1**	1480.300	28.36	-16.93	54.0	25.64	AV	59.00	200	Vertical	Pass
2	4325.250	48.50	-4.82	74.0	25.50	Peak	0.00	300	Vertical	Pass
2**	4325.250	38.28	-4.82	54.0	15.72	AV	0.00	300	Vertical	Pass
3	5302.250	95.64	-2.81	--	--	Peak	261.00	200	Vertical	N/A
3**	5302.250	87.28	-2.81	--	--	AV	261.00	200	Vertical	N/A
4	7722.250	54.12	1.31	74.0	19.88	Peak	159.00	300	Vertical	Pass
4**	7722.250	44.14	1.31	54.0	9.86	AV	159.00	300	Vertical	Pass
5	11762.237	52.87	-0.18	74.0	21.13	Peak	254.00	200	Vertical	Pass
5**	11762.237	43.35	-0.18	54.0	10.65	AV	254.00	200	Vertical	Pass
6	16133.625	54.49	2.02	74.0	19.51	Peak	2.00	300	Vertical	Pass
6**	16133.625	45.88	2.02	54.0	8.12	AV	2.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.000	38.29	-16.95	74.0	35.71	Peak	360.00	400	Horizontal	Pass
1**	1516.000	28.43	-16.95	54.0	25.57	AV	360.00	400	Horizontal	Pass
2	4263.000	46.79	-5.04	74.0	27.21	Peak	344.00	200	Horizontal	Pass
2**	4263.000	37.28	-5.04	54.0	16.72	AV	344.00	200	Horizontal	Pass
3	5323.500	105.99	-2.83	--	--	Peak	324.00	150	Horizontal	N/A
3**	5323.500	98.60	-2.83	--	--	AV	324.00	150	Horizontal	N/A
4	7685.750	54.41	1.54	74.0	19.59	Peak	264.00	200	Horizontal	Pass
4**	7685.750	44.44	1.54	54.0	9.56	AV	264.00	200	Horizontal	Pass
5	12234.625	52.53	0.89	74.0	21.47	Peak	268.00	150	Horizontal	Pass
5**	12234.625	43.40	0.89	54.0	10.60	AV	268.00	150	Horizontal	Pass
6	16072.724	55.23	1.39	74.0	18.77	Peak	356.00	300	Horizontal	Pass
6**	16072.724	45.44	1.39	54.0	8.56	AV	356.00	300	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	1620.200	38.33	-16.88	74.0	35.67	Peak	316.00	400	Vertical	Pass
1**	1620.200	28.60	-16.88	54.0	25.40	AV	316.00	400	Vertical	Pass
2	4194.000	47.48	-5.27	74.0	26.52	Peak	262.00	0	Vertical	Pass
2**	4194.000	37.45	-5.27	54.0	16.55	AV	262.00	0	Vertical	Pass
3	5323.750	96.69	-2.68	--	--	Peak	244.00	100	Vertical	N/A
3**	5323.750	89.21	-2.68	--	--	AV	244.00	100	Vertical	N/A
4	7354.750	53.45	0.42	74.0	20.55	Peak	344.00	400	Vertical	Pass
4**	7354.750	44.83	0.42	54.0	9.17	AV	344.00	400	Vertical	Pass
5	11773.400	52.69	-0.17	74.0	21.31	Peak	118.00	150	Vertical	Pass
5**	11773.400	42.67	-0.17	54.0	11.33	AV	118.00	150	Vertical	Pass
6	16071.675	54.54	1.38	74.0	19.46	Peak	360.00	400	Vertical	Pass
6**	16071.675	45.90	1.38	54.0	8.10	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.700	37.86	-16.83	74.0	36.14	Peak	96.00	100	Horizontal	Pass
1**	1601.700	28.57	-16.83	54.0	25.43	AV	96.00	100	Horizontal	Pass
2	4269.500	47.20	-5.07	74.0	26.80	Peak	262.00	300	Horizontal	Pass
2**	4269.500	37.82	-5.07	54.0	16.18	AV	262.00	300	Horizontal	Pass
3	5263.500	103.13	-2.98	--	--	Peak	183.00	100	Horizontal	N/A
3**	5263.500	95.16	-2.98	--	--	AV	183.00	100	Horizontal	N/A
4	7513.500	53.71	0.28	74.0	20.29	Peak	203.00	100	Horizontal	Pass
4**	7513.500	43.73	0.28	54.0	10.27	AV	203.00	100	Horizontal	Pass
5	11811.401	53.13	-0.28	74.0	20.87	Peak	227.00	200	Horizontal	Pass
5**	11811.401	42.20	-0.28	54.0	11.80	AV	227.00	200	Horizontal	Pass
6	16138.087	54.74	2.06	74.0	19.26	Peak	34.00	100	Horizontal	Pass
6**	16138.087	45.62	2.06	54.0	8.38	AV	34.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.200	38.30	-16.94	74.0	35.70	Peak	86.00	300	Vertical	Pass
1**	1575.200	28.37	-16.94	54.0	25.63	AV	86.00	300	Vertical	Pass
2	4300.500	46.89	-5.17	74.0	27.11	Peak	77.00	300	Vertical	Pass
2**	4300.500	37.72	-5.17	54.0	16.28	AV	77.00	300	Vertical	Pass
3	5273.250	91.61	-2.56	--	--	Peak	157.00	200	Vertical	N/A
3**	5273.250	83.76	-2.56	--	--	AV	157.00	200	Vertical	N/A
4	7587.250	53.26	0.85	74.0	20.74	Peak	220.00	100	Vertical	Pass
4**	7587.250	43.52	0.85	54.0	10.48	AV	220.00	100	Vertical	Pass
5	11728.987	52.79	-0.33	74.0	21.21	Peak	345.00	200	Vertical	Pass
5**	11728.987	43.35	-0.33	54.0	10.65	AV	345.00	200	Vertical	Pass
6	15412.275	54.77	2.72	74.0	19.23	Peak	283.00	200	Vertical	Pass
6**	15412.275	44.04	2.72	54.0	9.96	AV	283.00	200	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	1491.600	38.61	-17.05	74.0	35.39	Peak	54.00	300	Horizontal	Pass
1**	1491.600	29.40	-17.05	54.0	24.60	AV	54.00	300	Horizontal	Pass
2	4359.750	47.72	-4.73	74.0	26.28	Peak	220.00	200	Horizontal	Pass
2**	4359.750	37.57	-4.73	54.0	16.43	AV	220.00	200	Horizontal	Pass
3	5306.000	103.04	-2.75	--	--	Peak	199.00	100	Horizontal	N/A
3**	5306.000	95.88	-2.75	--	--	AV	199.00	100	Horizontal	N/A
4	7705.250	54.20	2.03	74.0	19.80	Peak	75.00	200	Horizontal	Pass
4**	7705.250	45.68	2.03	54.0	8.32	AV	75.00	200	Horizontal	Pass
5	11751.312	52.72	-0.19	74.0	21.28	Peak	117.00	200	Horizontal	Pass
5**	11751.312	43.97	-0.19	54.0	10.03	AV	117.00	200	Horizontal	Pass
6	16123.388	54.64	1.94	74.0	19.36	Peak	274.00	400	Horizontal	Pass
6**	16123.388	45.59	1.94	54.0	8.41	AV	274.00	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	1464.500	37.94	-17.08	74.0	36.06	Peak	124.00	200	Vertical	Pass
1**	1464.500	28.90	-17.08	54.0	25.10	AV	124.00	200	Vertical	Pass
2	4260.750	47.18	-4.40	74.0	26.82	Peak	41.00	300	Vertical	Pass
2**	4260.750	38.17	-4.40	54.0	15.83	AV	41.00	300	Vertical	Pass
3	5305.750	93.37	-2.77	--	--	Peak	283.00	150	Vertical	N/A
3**	5305.750	84.90	-2.77	--	--	AV	283.00	150	Vertical	N/A
4	7425.000	53.50	1.30	74.0	20.50	Peak	242.00	400	Vertical	Pass
4**	7425.000	44.26	1.30	54.0	9.74	AV	242.00	400	Vertical	Pass
5	12239.375	52.81	0.96	74.0	21.19	Peak	103.00	150	Vertical	Pass
5**	12239.375	43.38	0.96	54.0	10.62	AV	103.00	150	Vertical	Pass
6	15890.025	54.13	1.95	74.0	19.87	Peak	152.00	200	Vertical	Pass
6**	15890.025	45.88	1.95	54.0	8.12	AV	152.00	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	1592.400	38.55	-16.74	74.0	35.45	Peak	95.00	200	Horizontal	Pass
1**	1592.400	28.69	-16.74	54.0	25.31	AV	95.00	200	Horizontal	Pass
2	4227.500	47.09	-4.89	74.0	26.91	Peak	360.00	200	Horizontal	Pass
2**	4227.500	38.18	-4.89	54.0	15.82	AV	360.00	200	Horizontal	Pass
3	5264.500	106.04	-3.12	--	--	Peak	182.00	200	Horizontal	N/A
3**	5264.500	96.84	-3.12	--	--	AV	182.00	200	Horizontal	N/A
4	7711.750	53.40	2.04	74.0	20.60	Peak	223.00	300	Horizontal	Pass
4**	7711.750	44.62	2.04	54.0	9.38	AV	223.00	300	Horizontal	Pass
5	12402.537	52.24	1.10	74.0	21.76	Peak	67.00	100	Horizontal	Pass
5**	12402.537	42.80	1.10	54.0	11.20	AV	67.00	100	Horizontal	Pass
6	16137.562	54.50	2.05	74.0	19.50	Peak	152.00	100	Horizontal	Pass
6**	16137.562	45.58	2.05	54.0	8.42	AV	152.00	100	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	1619.900	38.49	-16.86	74.0	35.51	Peak	360.00	100	Vertical	Pass
1**	1619.900	29.32	-16.86	54.0	24.68	AV	360.00	100	Vertical	Pass
2	4304.250	47.35	-5.09	74.0	26.65	Peak	293.00	200	Vertical	Pass
2**	4304.250	38.06	-5.09	54.0	15.94	AV	293.00	200	Vertical	Pass
3	5253.500	94.49	-2.98	--	--	Peak	293.00	100	Vertical	N/A
3**	5253.500	86.31	-2.98	--	--	AV	293.00	100	Vertical	N/A
4	7713.250	53.73	1.67	74.0	20.27	Peak	114.00	300	Vertical	Pass
4**	7713.250	44.06	1.67	54.0	9.94	AV	114.00	300	Vertical	Pass
5	12253.150	52.60	1.07	74.0	21.40	Peak	55.00	100	Vertical	Pass
5**	12253.150	42.89	1.07	54.0	11.11	AV	55.00	100	Vertical	Pass
6	16141.500	54.71	2.08	74.0	19.29	Peak	198.00	300	Vertical	Pass
6**	16141.500	46.05	2.08	54.0	7.95	AV	198.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.400	38.19	-16.87	74.0	35.81	Peak	268.00	100	Horizontal	Pass
1**	1576.400	28.55	-16.87	54.0	25.45	AV	268.00	100	Horizontal	Pass
2	4256.000	47.13	-4.07	74.0	26.87	Peak	344.00	200	Horizontal	Pass
2**	4256.000	37.69	-4.07	54.0	16.31	AV	344.00	200	Horizontal	Pass
3	5296.750	105.27	-2.87	--	--	Peak	203.00	100	Horizontal	N/A
3**	5296.750	98.27	-2.87	--	--	AV	203.00	100	Horizontal	N/A
4	7373.750	53.88	0.80	74.0	20.12	Peak	1.00	100	Horizontal	Pass
4**	7373.750	44.46	0.80	54.0	9.54	AV	1.00	100	Horizontal	Pass
5	12383.776	53.91	1.02	74.0	20.09	Peak	41.00	200	Horizontal	Pass
5**	12383.776	42.54	1.02	54.0	11.46	AV	41.00	200	Horizontal	Pass
6	16133.888	55.15	2.02	74.0	18.85	Peak	333.00	100	Horizontal	Pass
6**	16133.888	45.83	2.02	54.0	8.17	AV	333.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.000	38.38	-16.98	74.0	35.62	Peak	0.00	100	Vertical	Pass
1**	1623.000	28.62	-16.98	54.0	25.38	AV	0.00	100	Vertical	Pass
2	4394.750	47.61	-4.64	74.0	26.39	Peak	344.00	100	Vertical	Pass
2**	4394.750	38.54	-4.64	54.0	15.46	AV	344.00	100	Vertical	Pass
3	5293.000	95.94	-2.69	--	--	Peak	222.00	200	Vertical	N/A
3**	5293.000	87.09	-2.69	--	--	AV	222.00	200	Vertical	N/A
4	7336.250	53.38	-0.18	74.0	20.62	Peak	39.00	100	Vertical	Pass
4**	7336.250	43.83	-0.18	54.0	10.17	AV	39.00	100	Vertical	Pass
5	10600.863	52.79	-1.79	74.0	21.21	Peak	111.00	150	Vertical	Pass
5**	10600.863	44.25	-1.79	54.0	9.75	AV	111.00	150	Vertical	Pass
6	16054.875	54.60	1.15	74.0	19.40	Peak	48.00	200	Vertical	Pass
6**	16054.875	45.23	1.15	54.0	8.77	AV	48.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	38.61	-16.94	74.0	35.39	Peak	130.00	100	Horizontal	Pass
1**	1484.700	28.67	-16.94	54.0	25.33	AV	130.00	100	Horizontal	Pass
2	4253.500	46.91	-4.17	74.0	27.09	Peak	360.00	300	Horizontal	Pass
2**	4253.500	38.11	-4.17	54.0	15.89	AV	360.00	300	Horizontal	Pass
3	5326.000	105.79	-3.05	--	--	Peak	204.00	100	Horizontal	N/A
3**	5326.000	97.82	-3.05	--	--	AV	204.00	100	Horizontal	N/A
4	7420.250	54.07	1.47	74.0	19.93	Peak	122.00	100	Horizontal	Pass
4**	7420.250	45.06	1.47	54.0	8.94	AV	122.00	100	Horizontal	Pass
5	12427.475	52.43	1.07	74.0	21.57	Peak	40.00	200	Horizontal	Pass
5**	12427.475	42.77	1.07	54.0	11.23	AV	40.00	200	Horizontal	Pass
6	16115.775	54.67	1.88	74.0	19.33	Peak	360.00	200	Horizontal	Pass
6**	16115.775	45.38	1.88	54.0	8.62	AV	360.00	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	1623.700	37.94	-16.85	74.0	36.06	Peak	0.00	400	Vertical	Pass
1**	1623.700	28.87	-16.85	54.0	25.13	AV	0.00	400	Vertical	Pass
2	4290.500	47.23	-4.67	74.0	26.77	Peak	82.00	300	Vertical	Pass
2**	4290.500	37.78	-4.67	54.0	16.22	AV	82.00	300	Vertical	Pass
3	5323.500	95.75	-2.83	--	--	Peak	264.00	100	Vertical	N/A
3**	5323.500	87.60	-2.83	--	--	AV	264.00	100	Vertical	N/A
4	7710.500	53.74	1.96	74.0	20.26	Peak	102.00	100	Vertical	Pass
4**	7710.500	44.33	1.96	54.0	9.67	AV	102.00	100	Vertical	Pass
5	11752.500	52.80	-0.19	74.0	21.20	Peak	355.00	150	Vertical	Pass
5**	11752.500	43.86	-0.19	54.0	10.14	AV	355.00	150	Vertical	Pass
6	16114.201	54.64	1.86	74.0	19.36	Peak	0.00	300	Vertical	Pass
6**	16114.201	45.72	1.86	54.0	8.28	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	1606.200	38.10	-16.84	74.0	35.90	Peak	323.00	200	Horizontal	Pass
1**	1606.200	29.26	-16.84	54.0	24.74	AV	323.00	200	Horizontal	Pass
2	4052.500	47.19	-5.50	74.0	26.81	Peak	37.00	400	Horizontal	Pass
2**	4052.500	37.31	-5.50	54.0	16.69	AV	37.00	400	Horizontal	Pass
3	5274.500	102.77	-2.59	--	--	Peak	180.00	200	Horizontal	N/A
3**	5274.500	94.69	-2.59	--	--	AV	180.00	200	Horizontal	N/A
4	7425.250	53.69	1.41	74.0	20.31	Peak	241.00	300	Horizontal	Pass
4**	7425.250	44.27	1.41	54.0	9.73	AV	241.00	300	Horizontal	Pass
5	12435.075	53.21	1.06	74.0	20.79	Peak	176.00	100	Horizontal	Pass
5**	12435.075	42.69	1.06	54.0	11.31	AV	176.00	100	Horizontal	Pass
6	15665.325	54.58	1.98	74.0	19.42	Peak	72.00	300	Horizontal	Pass
6**	15665.325	44.62	1.98	54.0	9.38	AV	72.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.400	38.04	-16.38	74.0	35.96	Peak	360.00	100	Vertical	Pass
1**	1512.400	29.60	-16.38	54.0	24.40	AV	360.00	100	Vertical	Pass
2	4256.750	46.95	-4.12	74.0	27.05	Peak	201.00	200	Vertical	Pass
2**	4256.750	38.11	-4.12	54.0	15.89	AV	201.00	200	Vertical	Pass
3	5286.250	92.03	-2.84	--	--	Peak	222.00	100	Vertical	N/A
3**	5286.250	84.67	-2.84	--	--	AV	222.00	100	Vertical	N/A
4	7489.500	52.91	1.46	74.0	21.09	Peak	325.00	300	Vertical	Pass
4**	7489.500	44.26	1.46	54.0	9.74	AV	325.00	300	Vertical	Pass
5	11737.062	52.89	-0.28	74.0	21.11	Peak	170.00	200	Vertical	Pass
5**	11737.062	42.85	-0.28	54.0	11.15	AV	170.00	200	Vertical	Pass
6	15899.737	54.53	2.02	74.0	19.47	Peak	51.00	100	Vertical	Pass
6**	15899.737	45.15	2.02	54.0	8.85	AV	51.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.700	38.52	-17.04	74.0	35.48	Peak	0.00	300	Horizontal	Pass
1**	1577.700	28.45	-17.04	54.0	25.55	AV	0.00	300	Horizontal	Pass
2	4322.750	47.08	-4.95	74.0	26.92	Peak	220.00	200	Horizontal	Pass
2**	4322.750	37.92	-4.95	54.0	16.08	AV	220.00	200	Horizontal	Pass
3	5302.250	102.98	-2.81	--	--	Peak	199.00	150	Horizontal	N/A
3**	5302.250	94.79	-2.81	--	--	AV	199.00	150	Horizontal	N/A
4	7712.250	53.22	1.81	74.0	20.78	Peak	181.00	400	Horizontal	Pass
4**	7712.250	44.51	1.81	54.0	9.49	AV	181.00	400	Horizontal	Pass
5	12223.225	53.05	0.73	74.0	20.95	Peak	142.00	200	Horizontal	Pass
5**	12223.225	43.26	0.73	54.0	10.74	AV	142.00	200	Horizontal	Pass
6	16124.174	55.90	1.94	74.0	18.10	Peak	358.00	300	Horizontal	Pass
6**	16124.174	46.68	1.94	54.0	7.32	AV	358.00	300	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	1580.100	38.42	-17.14	74.0	35.58	Peak	0.00	400	Vertical	Pass
1**	1580.100	28.45	-17.14	54.0	25.55	AV	0.00	400	Vertical	Pass
2	4315.000	46.81	-5.00	74.0	27.19	Peak	344.00	200	Vertical	Pass
2**	4315.000	37.83	-5.00	54.0	16.17	AV	344.00	200	Vertical	Pass
3	5320.500	93.09	-3.02	--	--	Peak	162.00	200	Vertical	N/A
3**	5320.500	84.59	-3.02	--	--	AV	162.00	200	Vertical	N/A
4	7702.250	53.35	1.52	74.0	20.65	Peak	61.00	400	Vertical	Pass
4**	7702.250	44.86	1.52	54.0	9.14	AV	61.00	400	Vertical	Pass
5	11820.900	53.04	-0.39	74.0	20.96	Peak	118.00	100	Vertical	Pass
5**	11820.900	42.46	-0.39	54.0	11.54	AV	118.00	100	Vertical	Pass
6	15891.599	54.86	1.96	74.0	19.14	Peak	235.00	100	Vertical	Pass
6**	15891.599	45.41	1.96	54.0	8.59	AV	235.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.300	38.55	-17.37	74.0	35.45	Peak	147.00	100	Horizontal	Pass
1**	1473.300	29.57	-17.37	54.0	24.43	AV	147.00	100	Horizontal	Pass
2	4166.250	47.10	-5.46	74.0	26.90	Peak	240.00	200	Horizontal	Pass
2**	4166.250	37.10	-5.46	54.0	16.90	AV	240.00	200	Horizontal	Pass
3	5300.750	100.16	-2.77	--	--	Peak	201.00	100	Horizontal	N/A
3**	5300.750	92.83	-2.77	--	--	AV	201.00	100	Horizontal	N/A
4	7709.250	53.98	1.90	74.0	20.02	Peak	240.00	400	Horizontal	Pass
4**	7709.250	44.58	1.90	54.0	9.42	AV	240.00	400	Horizontal	Pass
5	11740.151	53.02	-0.26	74.0	20.98	Peak	297.00	150	Horizontal	Pass
5**	11740.151	43.46	-0.26	54.0	10.54	AV	297.00	150	Horizontal	Pass
6	16065.901	54.71	1.30	74.0	19.29	Peak	256.00	100	Horizontal	Pass
6**	16065.901	45.23	1.30	54.0	8.77	AV	256.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.400	38.75	-16.74	74.0	35.25	Peak	360.00	400	Vertical	Pass
1**	1513.400	28.79	-16.74	54.0	25.21	AV	360.00	400	Vertical	Pass
2	4308.500	47.26	-5.41	74.0	26.74	Peak	360.00	200	Vertical	Pass
2**	4308.500	38.46	-5.41	54.0	15.54	AV	360.00	200	Vertical	Pass
3	5303.250	90.04	-2.87	--	--	Peak	265.00	200	Vertical	N/A
3**	5303.250	81.51	-2.87	--	--	AV	265.00	200	Vertical	N/A
4	7722.000	53.64	1.11	74.0	20.36	Peak	226.00	100	Vertical	Pass
4**	7722.000	44.13	1.11	54.0	9.87	AV	226.00	100	Vertical	Pass
5	11782.901	52.31	-0.16	74.0	21.69	Peak	66.00	150	Vertical	Pass
5**	11782.901	43.99	-0.16	54.0	10.01	AV	66.00	150	Vertical	Pass
6	16126.800	54.64	1.97	74.0	19.36	Peak	118.00	300	Vertical	Pass
6**	16126.800	45.90	1.97	54.0	8.10	AV	118.00	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	1592.500	38.16	-16.66	74.0	35.84	Peak	169.00	200	Horizontal	Pass
1**	1592.500	29.24	-16.66	54.0	24.76	AV	169.00	200	Horizontal	Pass
2	4173.750	47.25	-5.50	74.0	26.75	Peak	304.00	200	Horizontal	Pass
2**	4173.750	36.74	-5.50	54.0	17.26	AV	304.00	200	Horizontal	Pass
3	5493.250	105.06	-2.20	--	--	Peak	360.00	100	Horizontal	N/A
3**	5493.250	97.83	-2.20	--	--	AV	360.00	100	Horizontal	N/A
4	7708.250	53.82	1.90	74.0	20.18	Peak	324.00	100	Horizontal	Pass
4**	7708.250	45.02	1.90	54.0	8.98	AV	324.00	100	Horizontal	Pass
5	11769.362	53.38	-0.18	74.0	20.62	Peak	322.00	150	Horizontal	Pass
5**	11769.362	43.77	-0.18	54.0	10.23	AV	322.00	150	Horizontal	Pass
6	15423.300	54.85	2.49	74.0	19.15	Peak	314.00	400	Horizontal	Pass
6**	15423.300	44.54	2.49	54.0	9.46	AV	314.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.000	38.31	-16.53	74.0	35.69	Peak	320.00	200	Vertical	Pass
1**	1512.000	28.94	-16.53	54.0	25.06	AV	320.00	200	Vertical	Pass
2	4357.750	46.76	-4.70	74.0	27.24	Peak	98.00	400	Vertical	Pass
2**	4357.750	37.80	-4.70	54.0	16.20	AV	98.00	400	Vertical	Pass
3	5494.000	96.70	-2.52	--	--	Peak	197.00	100	Vertical	N/A
3**	5494.000	89.24	-2.52	--	--	AV	197.00	100	Vertical	N/A
4	7318.750	53.57	0.59	74.0	20.43	Peak	117.00	400	Vertical	Pass
4**	7318.750	43.24	0.59	54.0	10.76	AV	117.00	400	Vertical	Pass
5	10998.674	53.69	-1.44	74.0	20.31	Peak	308.00	100	Vertical	Pass
5**	10998.674	43.91	-1.44	54.0	10.09	AV	308.00	100	Vertical	Pass
6	16113.675	54.63	1.86	74.0	19.37	Peak	326.00	150	Vertical	Pass
6**	16113.675	45.97	1.86	54.0	8.03	AV	326.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.900	38.18	-16.70	74.0	35.82	Peak	198.00	200	Horizontal	Pass
1**	1613.900	28.74	-16.70	54.0	25.26	AV	198.00	200	Horizontal	Pass
2	4038.500	46.93	-5.46	74.0	27.07	Peak	179.00	100	Horizontal	Pass
2**	4038.500	37.27	-5.46	54.0	16.73	AV	179.00	100	Horizontal	Pass
3	5576.500	103.52	-2.08	--	--	Peak	360.00	150	Horizontal	N/A
3**	5576.500	96.93	-2.08	--	--	AV	360.00	150	Horizontal	N/A
4	7704.750	53.70	2.00	74.0	20.30	Peak	159.00	400	Horizontal	Pass
4**	7704.750	45.30	2.00	54.0	8.70	AV	159.00	400	Horizontal	Pass
5	11819.000	52.85	-0.37	74.0	21.15	Peak	39.00	150	Horizontal	Pass
5**	11819.000	42.73	-0.37	54.0	11.27	AV	39.00	150	Horizontal	Pass
6	15948.562	54.64	1.18	74.0	19.36	Peak	297.00	300	Horizontal	Pass
6**	15948.562	44.05	1.18	54.0	9.95	AV	297.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.300	38.34	-17.49	74.0	35.66	Peak	0.00	100	Vertical	Pass
1**	1462.300	27.75	-17.49	54.0	26.25	AV	0.00	100	Vertical	Pass
2	4153.250	47.52	-5.49	74.0	26.48	Peak	260.00	100	Vertical	Pass
2**	4153.250	37.25	-5.49	54.0	16.75	AV	260.00	100	Vertical	Pass
3	5575.500	95.41	-2.28	--	--	Peak	199.00	100	Vertical	N/A
3**	5575.500	87.41	-2.28	--	--	AV	199.00	100	Vertical	N/A
4	7711.750	53.67	2.04	74.0	20.33	Peak	118.00	100	Vertical	Pass
4**	7711.750	44.93	2.04	54.0	9.07	AV	118.00	100	Vertical	Pass
5	12359.550	52.39	0.90	74.0	21.61	Peak	351.00	100	Vertical	Pass
5**	12359.550	42.79	0.90	54.0	11.21	AV	351.00	100	Vertical	Pass
6	15898.687	55.18	2.02	74.0	18.82	Peak	93.00	100	Vertical	Pass
6**	15898.687	45.27	2.02	54.0	8.73	AV	93.00	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	1513.300	38.15	-16.71	74.0	35.85	Peak	337.00	400	Horizontal	Pass
1**	1513.300	28.71	-16.71	54.0	25.29	AV	337.00	400	Horizontal	Pass
2	4323.250	46.96	-4.71	74.0	27.04	Peak	219.00	100	Horizontal	Pass
2**	4323.250	38.69	-4.71	54.0	15.31	AV	219.00	100	Horizontal	Pass
3	5694.750	103.01	-2.26	--	--	Peak	16.00	150	Horizontal	N/A
3**	5694.750	95.79	-2.26	--	--	AV	16.00	150	Horizontal	N/A
4	7708.250	54.24	1.90	74.0	19.76	Peak	239.00	100	Horizontal	Pass
4**	7708.250	44.72	1.90	54.0	9.28	AV	239.00	100	Horizontal	Pass
5	11796.437	53.69	-0.15	74.0	20.31	Peak	233.00	100	Horizontal	Pass
5**	11796.437	42.97	-0.15	54.0	11.03	AV	233.00	100	Horizontal	Pass
6	15890.813	54.72	1.96	74.0	19.28	Peak	348.00	400	Horizontal	Pass
6**	15890.813	44.94	1.96	54.0	9.06	AV	348.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.700	38.31	-17.28	74.0	35.69	Peak	167.00	200	Vertical	Pass
1**	1543.700	29.34	-17.28	54.0	24.66	AV	167.00	200	Vertical	Pass
2	4268.250	46.93	-5.43	74.0	27.07	Peak	279.00	200	Vertical	Pass
2**	4268.250	37.40	-5.43	54.0	16.60	AV	279.00	200	Vertical	Pass
3	5696.250	94.67	-2.44	--	--	Peak	199.00	150	Vertical	N/A
3**	5696.250	86.98	-2.44	--	--	AV	199.00	150	Vertical	N/A
4	7720.750	53.99	1.21	74.0	20.01	Peak	260.00	100	Vertical	Pass
4**	7720.750	44.82	1.21	54.0	9.18	AV	260.00	100	Vertical	Pass
5	12204.463	52.55	0.47	74.0	21.45	Peak	281.00	150	Vertical	Pass
5**	12204.463	43.40	0.47	54.0	10.60	AV	281.00	150	Vertical	Pass
6	15918.113	54.56	1.71	74.0	19.44	Peak	11.00	300	Vertical	Pass
6**	15918.113	45.60	1.71	54.0	8.40	AV	11.00	300	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	1603.800	38.00	-16.81	74.0	36.00	Peak	360.00	100	Horizontal	Pass
1**	1603.800	28.97	-16.81	54.0	25.03	AV	360.00	100	Horizontal	Pass
2	4396.000	47.23	-5.19	74.0	26.77	Peak	360.00	100	Horizontal	Pass
2**	4396.000	37.69	-5.19	54.0	16.31	AV	360.00	100	Horizontal	Pass
3	5505.750	105.28	-3.07	--	--	Peak	0.00	200	Horizontal	N/A
3**	5505.750	95.57	-3.07	--	--	AV	0.00	200	Horizontal	N/A
4	7416.750	53.87	0.95	74.0	20.13	Peak	304.00	100	Horizontal	Pass
4**	7416.750	44.45	0.95	54.0	9.55	AV	304.00	100	Horizontal	Pass
5	12215.862	52.66	0.63	74.0	21.34	Peak	301.00	150	Horizontal	Pass
5**	12215.862	43.56	0.63	54.0	10.44	AV	301.00	150	Horizontal	Pass
6	16097.401	55.20	1.72	74.0	18.80	Peak	232.00	300	Horizontal	Pass
6**	16097.401	46.41	1.72	54.0	7.59	AV	232.00	300	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	1468.800	38.24	-17.16	74.0	35.76	Peak	194.00	100	Vertical	Pass
1**	1468.800	29.04	-17.16	54.0	24.96	AV	194.00	100	Vertical	Pass
2	4209.500	46.87	-5.10	74.0	27.13	Peak	251.00	200	Vertical	Pass
2**	4209.500	37.75	-5.10	54.0	16.25	AV	251.00	200	Vertical	Pass
3	5492.250	95.52	-2.24	--	--	Peak	180.00	150	Vertical	N/A
3**	5492.250	87.28	-2.24	--	--	AV	180.00	150	Vertical	N/A
4	7678.750	54.09	0.87	74.0	19.91	Peak	134.00	200	Vertical	Pass
4**	7678.750	44.38	0.87	54.0	9.62	AV	134.00	200	Vertical	Pass
5	11798.813	52.61	-0.15	74.0	21.39	Peak	43.00	200	Vertical	Pass
5**	11798.813	43.16	-0.15	54.0	10.84	AV	43.00	200	Vertical	Pass
6	16101.075	55.14	1.76	74.0	18.86	Peak	224.00	300	Vertical	Pass
6**	16101.075	45.79	1.76	54.0	8.21	AV	224.00	300	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	1610.500	38.15	-17.12	74.0	35.85	Peak	166.00	400	Horizontal	Pass
1**	1610.500	28.23	-17.12	54.0	25.77	AV	166.00	400	Horizontal	Pass
2	4321.000	47.27	-4.84	74.0	26.73	Peak	360.00	200	Horizontal	Pass
2**	4321.000	38.00	-4.84	54.0	16.00	AV	360.00	200	Horizontal	Pass
3	5574.250	103.97	-2.38	--	--	Peak	360.00	150	Horizontal	N/A
3**	5574.250	94.93	-2.38	--	--	AV	360.00	150	Horizontal	N/A
4	7717.000	53.66	1.14	74.0	20.34	Peak	195.00	400	Horizontal	Pass
4**	7717.000	43.96	1.14	54.0	10.04	AV	195.00	400	Horizontal	Pass
5	12233.201	52.89	0.87	74.0	21.11	Peak	116.00	100	Horizontal	Pass
5**	12233.201	44.32	0.87	54.0	9.68	AV	116.00	100	Horizontal	Pass
6	16129.162	55.21	1.98	74.0	18.79	Peak	40.00	400	Horizontal	Pass
6**	16129.162	46.50	1.98	54.0	7.50	AV	40.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.800	38.35	-16.92	74.0	35.65	Peak	0.00	100	Vertical	Pass
1**	1619.800	28.89	-16.92	54.0	25.11	AV	0.00	100	Vertical	Pass
2	4262.000	46.74	-4.53	74.0	27.26	Peak	120.00	200	Vertical	Pass
2**	4262.000	37.85	-4.53	54.0	16.15	AV	120.00	200	Vertical	Pass
3	5572.750	95.11	-2.44	--	--	Peak	202.00	100	Vertical	N/A
3**	5572.750	86.89	-2.44	--	--	AV	202.00	100	Vertical	N/A
4	7698.500	53.65	1.28	74.0	20.35	Peak	181.00	200	Vertical	Pass
4**	7698.500	43.88	1.28	54.0	10.12	AV	181.00	200	Vertical	Pass
5	11796.437	53.00	-0.15	74.0	21.00	Peak	155.00	100	Vertical	Pass
5**	11796.437	43.48	-0.15	54.0	10.52	AV	155.00	100	Vertical	Pass
6	16105.012	54.51	1.79	74.0	19.49	Peak	154.00	400	Vertical	Pass
6**	16105.012	44.98	1.79	54.0	9.02	AV	154.00	400	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	1513.900	38.64	-16.95	74.0	35.36	Peak	7.00	300	Horizontal	Pass
1**	1513.900	29.08	-16.95	54.0	24.92	AV	7.00	300	Horizontal	Pass
2	4360.500	47.30	-4.91	74.0	26.70	Peak	0.00	400	Horizontal	Pass
2**	4360.500	37.02	-4.91	54.0	16.98	AV	0.00	400	Horizontal	Pass
3	5693.000	102.03	-2.52	--	--	Peak	14.00	200	Horizontal	N/A
3**	5693.000	94.82	-2.52	--	--	AV	14.00	200	Horizontal	N/A
4	7486.000	53.63	1.41	74.0	20.37	Peak	249.00	200	Horizontal	Pass
4**	7486.000	44.89	1.41	54.0	9.11	AV	249.00	200	Horizontal	Pass
5	12443.862	52.61	1.05	74.0	21.39	Peak	174.00	150	Horizontal	Pass
5**	12443.862	43.27	1.05	54.0	10.73	AV	174.00	150	Horizontal	Pass
6	16110.262	54.94	1.83	74.0	19.06	Peak	360.00	300	Horizontal	Pass
6**	16110.262	45.53	1.83	54.0	8.47	AV	360.00	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	1582.600	38.29	-16.91	74.0	35.71	Peak	21.00	100	Vertical	Pass
1**	1582.600	28.72	-16.91	54.0	25.28	AV	21.00	100	Vertical	Pass
2	4246.250	46.95	-4.29	74.0	27.05	Peak	253.00	200	Vertical	Pass
2**	4246.250	37.45	-4.29	54.0	16.55	AV	253.00	200	Vertical	Pass
3	5692.750	94.58	-2.42	--	--	Peak	207.00	200	Vertical	N/A
3**	5692.750	85.97	-2.42	--	--	AV	207.00	200	Vertical	N/A
4	7713.500	53.50	1.71	74.0	20.50	Peak	132.00	400	Vertical	Pass
4**	7713.500	45.34	1.71	54.0	8.66	AV	132.00	400	Vertical	Pass
5	11766.275	52.94	-0.18	74.0	21.06	Peak	198.00	100	Vertical	Pass
5**	11766.275	44.24	-0.18	54.0	9.76	AV	198.00	100	Vertical	Pass
6	16091.625	55.04	1.64	74.0	18.96	Peak	113.00	300	Vertical	Pass
6**	16091.625	45.42	1.64	54.0	8.58	AV	113.00	300	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	1447.300	38.64	-16.85	74.0	35.36	Peak	167.00	200	Horizontal	Pass
1**	1447.300	29.17	-16.85	54.0	24.83	AV	167.00	200	Horizontal	Pass
2	4372.250	47.01	-5.21	74.0	26.99	Peak	360.00	200	Horizontal	Pass
2**	4372.250	37.22	-5.21	54.0	16.78	AV	360.00	200	Horizontal	Pass
3	5493.500	102.85	-2.24	--	--	Peak	360.00	100	Horizontal	N/A
3**	5493.500	95.35	-2.24	--	--	AV	360.00	100	Horizontal	N/A
4	7712.750	53.92	1.76	74.0	20.08	Peak	304.00	200	Horizontal	Pass
4**	7712.750	44.11	1.76	54.0	9.89	AV	304.00	200	Horizontal	Pass
5	12213.012	52.91	0.59	74.0	21.09	Peak	95.00	150	Horizontal	Pass
5**	12213.012	42.90	0.59	54.0	11.10	AV	95.00	150	Horizontal	Pass
6	16161.974	54.26	2.07	74.0	19.74	Peak	326.00	400	Horizontal	Pass
6**	16161.974	44.67	2.07	54.0	9.33	AV	326.00	400	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	1531.200	38.84	-16.70	74.0	35.16	Peak	158.00	300	Vertical	Pass
1**	1531.200	29.08	-16.70	54.0	24.92	AV	158.00	300	Vertical	Pass
2	4245.500	46.62	-4.46	74.0	27.38	Peak	100.00	100	Vertical	Pass
2**	4245.500	37.40	-4.46	54.0	16.60	AV	100.00	100	Vertical	Pass
3	5516.750	92.90	-2.94	--	--	Peak	181.00	200	Vertical	N/A
3**	5516.750	84.84	-2.94	--	--	AV	181.00	200	Vertical	N/A
4	7711.500	53.80	1.98	74.0	20.20	Peak	360.00	200	Vertical	Pass
4**	7711.500	44.83	1.98	54.0	9.17	AV	360.00	200	Vertical	Pass
5	11800.713	52.74	-0.15	74.0	21.26	Peak	240.00	200	Vertical	Pass
5**	11800.713	43.17	-0.15	54.0	10.83	AV	240.00	200	Vertical	Pass
6	16099.763	54.64	1.75	74.0	19.36	Peak	289.00	100	Vertical	Pass
6**	16099.763	45.47	1.75	54.0	8.53	AV	289.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.900	37.86	-17.25	74.0	36.14	Peak	160.00	100	Horizontal	Pass
1**	1522.900	28.92	-17.25	54.0	25.08	AV	160.00	100	Horizontal	Pass
2	4398.250	47.04	-5.08	74.0	26.96	Peak	319.00	400	Horizontal	Pass
2**	4398.250	38.58	-5.08	54.0	15.42	AV	319.00	400	Horizontal	Pass
3	5604.500	100.95	-2.38	--	--	Peak	18.00	150	Horizontal	N/A
3**	5604.500	93.04	-2.38	--	--	AV	18.00	150	Horizontal	N/A
4	7707.000	54.07	1.71	74.0	19.93	Peak	360.00	100	Horizontal	Pass
4**	7707.000	44.80	1.71	54.0	9.20	AV	360.00	100	Horizontal	Pass
5	11829.925	52.69	-0.49	74.0	21.31	Peak	128.00	100	Horizontal	Pass
5**	11829.925	41.94	-0.49	54.0	12.06	AV	128.00	100	Horizontal	Pass
6	15953.549	54.59	1.17	74.0	19.41	Peak	319.00	200	Horizontal	Pass
6**	15953.549	45.09	1.17	54.0	8.91	AV	319.00	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	1442.500	38.08	-16.84	74.0	35.92	Peak	284.00	300	Vertical	Pass
1**	1442.500	29.51	-16.84	54.0	24.49	AV	284.00	300	Vertical	Pass
2	4240.500	47.14	-5.03	74.0	26.86	Peak	180.00	400	Vertical	Pass
2**	4240.500	37.75	-5.03	54.0	16.25	AV	180.00	400	Vertical	Pass
3	5575.250	92.55	-2.45	--	--	Peak	202.00	150	Vertical	N/A
3**	5575.250	84.37	-2.45	--	--	AV	202.00	150	Vertical	N/A
4	7417.500	53.74	0.71	74.0	20.26	Peak	77.00	400	Vertical	Pass
4**	7417.500	44.02	0.71	54.0	9.98	AV	77.00	400	Vertical	Pass
5	12238.188	52.32	0.94	74.0	21.68	Peak	14.00	200	Vertical	Pass
5**	12238.188	43.51	0.94	54.0	10.49	AV	14.00	200	Vertical	Pass
6	15869.025	55.09	1.79	74.0	18.91	Peak	318.00	200	Vertical	Pass
6**	15869.025	44.26	1.79	54.0	9.74	AV	318.00	200	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	1464.000	38.45	-17.29	74.0	35.55	Peak	274.00	400	Horizontal	Pass
1**	1464.000	29.34	-17.29	54.0	24.66	AV	274.00	400	Horizontal	Pass
2	4289.250	47.28	-4.41	74.0	26.72	Peak	219.00	300	Horizontal	Pass
2**	4289.250	38.30	-4.41	54.0	15.70	AV	219.00	300	Horizontal	Pass
3	5659.250	100.68	-2.63	--	--	Peak	16.00	200	Horizontal	N/A
3**	5659.250	92.41	-2.63	--	--	AV	16.00	200	Horizontal	N/A
4	7421.750	53.74	1.31	74.0	20.26	Peak	178.00	100	Horizontal	Pass
4**	7421.750	44.22	1.31	54.0	9.78	AV	178.00	100	Horizontal	Pass
5	12250.537	52.79	1.10	74.0	21.21	Peak	349.00	200	Horizontal	Pass
5**	12250.537	44.23	1.10	54.0	9.77	AV	349.00	200	Horizontal	Pass
6	16092.412	54.92	1.65	74.0	19.08	Peak	337.00	100	Horizontal	Pass
6**	16092.412	45.79	1.65	54.0	8.21	AV	337.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.400	38.21	-17.06	74.0	35.79	Peak	215.00	400	Vertical	Pass
1**	1457.400	29.02	-17.06	54.0	24.98	AV	215.00	400	Vertical	Pass
2	4270.500	46.63	-5.09	74.0	27.37	Peak	256.00	300	Vertical	Pass
2**	4270.500	37.32	-5.09	54.0	16.68	AV	256.00	300	Vertical	Pass
3	5657.250	92.22	-2.49	--	--	Peak	197.00	150	Vertical	N/A
3**	5657.250	83.65	-2.49	--	--	AV	197.00	150	Vertical	N/A
4	7712.000	54.34	1.91	74.0	19.66	Peak	158.00	300	Vertical	Pass
4**	7712.000	44.93	1.91	54.0	9.07	AV	158.00	300	Vertical	Pass
5	12259.325	53.00	1.00	74.0	21.00	Peak	250.00	150	Vertical	Pass
5**	12259.325	44.42	1.00	54.0	9.58	AV	250.00	150	Vertical	Pass
6	16070.887	55.11	1.37	74.0	18.89	Peak	0.00	400	Vertical	Pass
6**	16070.887	45.46	1.37	54.0	8.54	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.900	38.60	-17.17	74.0	35.40	Peak	36.00	400	Horizontal	Pass
1**	1454.900	28.37	-17.17	54.0	25.63	AV	36.00	400	Horizontal	Pass
2	4348.250	46.81	-4.73	74.0	27.19	Peak	337.00	200	Horizontal	Pass
2**	4348.250	36.92	-4.73	54.0	17.08	AV	337.00	200	Horizontal	Pass
3	5493.000	104.76	-2.29	--	--	Peak	360.00	200	Horizontal	N/A
3**	5493.000	97.86	-2.29	--	--	AV	360.00	200	Horizontal	N/A
4	7605.750	53.50	0.61	74.0	20.50	Peak	337.00	300	Horizontal	Pass
4**	7605.750	43.80	0.61	54.0	10.20	AV	337.00	300	Horizontal	Pass
5	12214.200	52.80	0.60	74.0	21.20	Peak	147.00	150	Horizontal	Pass
5**	12214.200	43.90	0.60	54.0	10.10	AV	147.00	150	Horizontal	Pass
6	16091.099	55.35	1.63	74.0	18.65	Peak	111.00	200	Horizontal	Pass
6**	16091.099	45.75	1.63	54.0	8.25	AV	111.00	200	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	1550.100	38.12	-17.35	74.0	35.88	Peak	136.00	200	Vertical	Pass
1**	1550.100	28.15	-17.35	54.0	25.85	AV	136.00	200	Vertical	Pass
2	4144.500	47.29	-5.43	74.0	26.71	Peak	115.00	100	Vertical	Pass
2**	4144.500	37.03	-5.43	54.0	16.97	AV	115.00	100	Vertical	Pass
3	5495.000	95.87	-2.38	--	--	Peak	207.00	100	Vertical	N/A
3**	5495.000	87.33	-2.38	--	--	AV	207.00	100	Vertical	N/A
4	7700.000	53.56	1.10	74.0	20.44	Peak	326.00	400	Vertical	Pass
4**	7700.000	44.71	1.10	54.0	9.29	AV	326.00	400	Vertical	Pass
5	11000.337	51.83	-1.40	74.0	22.17	Peak	264.00	100	Vertical	Pass
5**	11000.337	44.46	-1.40	54.0	9.54	AV	264.00	150	Vertical	Pass
6	16108.425	54.90	1.82	74.0	19.10	Peak	147.00	300	Vertical	Pass
6**	16108.425	45.57	1.82	54.0	8.43	AV	147.00	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	1613.600	38.79	-16.85	74.0	35.21	Peak	22.00	100	Horizontal	Pass
1**	1613.600	28.75	-16.85	54.0	25.25	AV	22.00	100	Horizontal	Pass
2	4178.000	47.07	-5.29	74.0	26.93	Peak	37.00	300	Horizontal	Pass
2**	4178.000	37.21	-5.29	54.0	16.79	AV	37.00	300	Horizontal	Pass
3	5578.250	103.25	-2.14	--	--	Peak	0.00	100	Horizontal	N/A
3**	5578.250	95.69	-2.14	--	--	AV	0.00	100	Horizontal	N/A
4	7708.500	53.36	1.84	74.0	20.64	Peak	37.00	100	Horizontal	Pass
4**	7708.500	44.70	1.84	54.0	9.30	AV	37.00	100	Horizontal	Pass
5	11720.912	52.48	-0.38	74.0	21.52	Peak	300.00	150	Horizontal	Pass
5**	11720.912	43.04	-0.38	54.0	10.96	AV	300.00	150	Horizontal	Pass
6	16070.625	54.65	1.36	74.0	19.35	Peak	175.00	200	Horizontal	Pass
6**	16070.625	45.02	1.36	54.0	8.98	AV	175.00	200	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	1604.700	38.22	-16.75	74.0	35.78	Peak	55.00	300	Vertical	Pass
1**	1604.700	29.72	-16.75	54.0	24.28	AV	55.00	300	Vertical	Pass
2	4302.500	47.03	-5.07	74.0	26.97	Peak	117.00	100	Vertical	Pass
2**	4302.500	37.82	-5.07	54.0	16.18	AV	117.00	100	Vertical	Pass
3	5582.250	95.60	-2.09	--	--	Peak	197.00	200	Vertical	N/A
3**	5582.250	87.18	-2.09	--	--	AV	197.00	200	Vertical	N/A
4	7698.750	53.48	0.94	74.0	20.52	Peak	357.00	300	Vertical	Pass
4**	7698.750	44.33	0.94	54.0	9.67	AV	357.00	300	Vertical	Pass
5	11787.888	53.27	-0.16	74.0	20.73	Peak	306.00	100	Vertical	Pass
5**	11787.888	43.51	-0.16	54.0	10.49	AV	306.00	100	Vertical	Pass
6	16127.325	55.01	1.97	74.0	18.99	Peak	26.00	400	Vertical	Pass
6**	16127.325	45.66	1.97	54.0	8.34	AV	26.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.900	38.70	-17.06	74.0	35.30	Peak	157.00	200	Horizontal	Pass
1**	1595.900	28.62	-17.06	54.0	25.38	AV	157.00	200	Horizontal	Pass
2	4280.500	47.56	-4.67	74.0	26.44	Peak	176.00	400	Horizontal	Pass
2**	4280.500	38.16	-4.67	54.0	15.84	AV	176.00	400	Horizontal	Pass
3	5695.250	103.67	-2.17	--	--	Peak	360.00	100	Horizontal	N/A
3**	5695.250	94.60	-2.17	--	--	AV	360.00	100	Horizontal	N/A
4	7709.750	53.77	1.76	74.0	20.23	Peak	37.00	200	Horizontal	Pass
4**	7709.750	44.35	1.76	54.0	9.65	AV	37.00	200	Horizontal	Pass
5	11801.425	53.25	-0.16	74.0	20.75	Peak	164.00	150	Horizontal	Pass
5**	11801.425	44.31	-0.16	54.0	9.69	AV	164.00	150	Horizontal	Pass
6	16139.138	54.39	2.06	74.0	19.61	Peak	302.00	400	Horizontal	Pass
6**	16139.138	45.67	2.06	54.0	8.33	AV	302.00	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	1493.600	37.82	-17.16	74.0	36.18	Peak	283.00	100	Vertical	Pass
1**	1493.600	28.88	-17.16	54.0	25.12	AV	283.00	100	Vertical	Pass
2	4212.500	46.66	-5.42	74.0	27.34	Peak	292.00	200	Vertical	Pass
2**	4212.500	36.76	-5.42	54.0	17.24	AV	292.00	200	Vertical	Pass
3	5692.750	94.40	-2.42	--	--	Peak	199.00	150	Vertical	N/A
3**	5692.750	86.44	-2.42	--	--	AV	199.00	150	Vertical	N/A
4	7691.250	53.41	0.98	74.0	20.59	Peak	268.00	300	Vertical	Pass
4**	7691.250	43.98	0.98	54.0	10.02	AV	268.00	300	Vertical	Pass
5	12035.838	52.94	-0.02	74.0	21.06	Peak	32.00	100	Vertical	Pass
5**	12035.838	42.49	-0.02	54.0	11.51	AV	32.00	100	Vertical	Pass
6	16096.612	55.65	1.71	74.0	18.35	Peak	231.00	200	Vertical	Pass
6**	16096.612	46.32	1.71	54.0	7.68	AV	231.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.300	38.30	-16.97	74.0	35.70	Peak	7.00	100	Horizontal	Pass
1**	1611.300	28.95	-16.97	54.0	25.05	AV	7.00	100	Horizontal	Pass
2	4251.000	46.89	-4.04	74.0	27.11	Peak	96.00	150	Horizontal	Pass
2**	4251.000	38.27	-4.04	54.0	15.73	AV	96.00	150	Horizontal	Pass
3	5494.500	103.08	-2.43	--	--	Peak	0.00	100	Horizontal	N/A
3**	5494.500	94.26	-2.43	--	--	AV	0.00	100	Horizontal	N/A
4	7705.500	53.97	1.77	74.0	20.03	Peak	277.00	400	Horizontal	Pass
4**	7705.500	45.21	1.77	54.0	8.79	AV	277.00	400	Horizontal	Pass
5	11754.162	52.53	-0.19	74.0	21.47	Peak	140.00	150	Horizontal	Pass
5**	11754.162	43.04	-0.19	54.0	10.96	AV	140.00	150	Horizontal	Pass
6	16118.400	54.77	1.90	74.0	19.23	Peak	321.00	400	Horizontal	Pass
6**	16118.400	45.12	1.90	54.0	8.88	AV	321.00	400	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	1524.300	38.22	-16.95	74.0	35.78	Peak	199.00	300	Vertical	Pass
1**	1524.300	29.36	-16.95	54.0	24.64	AV	199.00	300	Vertical	Pass
2	4379.500	47.01	-5.27	74.0	26.99	Peak	243.00	200	Vertical	Pass
2**	4379.500	37.61	-5.27	54.0	16.39	AV	243.00	200	Vertical	Pass
3	5524.250	93.37	-2.70	--	--	Peak	182.00	100	Vertical	N/A
3**	5524.250	85.65	-2.70	--	--	AV	182.00	100	Vertical	N/A
4	7674.250	53.23	0.76	74.0	20.77	Peak	0.00	100	Vertical	Pass
4**	7674.250	44.66	0.76	54.0	9.34	AV	0.00	100	Vertical	Pass
5	12255.050	52.72	1.05	74.0	21.28	Peak	134.00	150	Vertical	Pass
5**	12255.050	43.31	1.05	54.0	10.69	AV	134.00	150	Vertical	Pass
6	15485.250	54.49	1.56	74.0	19.51	Peak	287.00	200	Vertical	Pass
6**	15485.250	43.67	1.56	54.0	10.33	AV	287.00	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	1613.200	38.00	-16.65	74.0	36.00	Peak	259.00	100	Horizontal	Pass
1**	1613.200	28.40	-16.65	54.0	25.60	AV	259.00	100	Horizontal	Pass
2	4087.250	47.19	-5.65	74.0	26.81	Peak	142.00	200	Horizontal	Pass
2**	4087.250	37.25	-5.65	54.0	16.75	AV	142.00	200	Horizontal	Pass
3	5601.750	100.70	-2.09	--	--	Peak	18.00	150	Horizontal	N/A
3**	5601.750	93.26	-2.09	--	--	AV	18.00	150	Horizontal	N/A
4	7705.000	53.66	2.03	74.0	20.34	Peak	59.00	200	Horizontal	Pass
4**	7705.000	45.40	2.03	54.0	8.60	AV	59.00	200	Horizontal	Pass
5	12393.513	52.59	1.07	74.0	21.41	Peak	171.00	150	Horizontal	Pass
5**	12393.513	42.93	1.07	54.0	11.07	AV	171.00	150	Horizontal	Pass
6	15928.088	55.05	1.54	74.0	18.95	Peak	159.00	300	Horizontal	Pass
6**	15928.088	44.68	1.54	54.0	9.32	AV	159.00	300	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	1555.600	38.19	-17.38	74.0	35.81	Peak	12.00	400	Vertical	Pass
1**	1555.600	28.19	-17.38	54.0	25.81	AV	12.00	400	Vertical	Pass
2	4288.000	46.90	-4.55	74.0	27.10	Peak	110.00	200	Vertical	Pass
2**	4288.000	37.73	-4.55	54.0	16.27	AV	110.00	200	Vertical	Pass
3	5601.750	92.80	-2.09	--	--	Peak	200.00	200	Vertical	N/A
3**	5601.750	84.83	-2.09	--	--	AV	200.00	200	Vertical	N/A
4	7416.500	53.51	0.94	74.0	20.49	Peak	134.00	100	Vertical	Pass
4**	7416.500	43.55	0.94	54.0	10.45	AV	134.00	100	Vertical	Pass
5	11778.625	52.81	-0.17	74.0	21.19	Peak	75.00	100	Vertical	Pass
5**	11778.625	43.73	-0.17	54.0	10.27	AV	75.00	100	Vertical	Pass
6	16098.713	55.48	1.73	74.0	18.52	Peak	35.00	150	Vertical	Pass
6**	16098.713	45.29	1.73	54.0	8.71	AV	35.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.900		-17.11	74.0	34.75	Peak	72.00	100	Horizontal	Pass
1**	1453.900	29.94	-17.11	54.0	24.06	AV	72.00	100	Horizontal	Pass
2	4290.250	46.88	-4.86	74.0	27.12	Peak	40.00	400	Horizontal	Pass
2**	4290.250	38.02	-4.86	54.0	15.98	AV	40.00	400	Horizontal	Pass
3	5654.000	100.13	-2.22	--	--	Peak	16.00	100	Horizontal	N/A
3**	5654.000	92.36	-2.22	--	--	AV	16.00	100	Horizontal	N/A
4	7690.500	53.30	0.67	74.0	20.70	Peak	64.00	400	Horizontal	Pass
4**	7690.500	44.11	0.67	54.0	9.89	AV	64.00	400	Horizontal	Pass
5	11719.250	52.51	-0.39	74.0	21.49	Peak	0.00	150	Horizontal	Pass
5**	11719.250	43.13	-0.39	54.0	10.87	AV	0.00	150	Horizontal	Pass
6	15895.800	55.03	1.99	74.0	18.97	Peak	192.00	200	Horizontal	Pass
6**	15895.800	45.76	1.99	54.0	8.24	AV	192.00	200	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	1592.800	38.59	-16.59	74.0	35.41	Peak	118.00	200	Vertical	Pass
1**	1592.800	29.35	-16.59	54.0	24.65	AV	118.00	200	Vertical	Pass
2	4394.500	47.17	-4.73	74.0	26.83	Peak	180.00	100	Vertical	Pass
2**	4394.500	37.91	-4.73	54.0	16.09	AV	180.00	100	Vertical	Pass
3	5686.500	92.25	-2.40	--	--	Peak	199.00	150	Vertical	N/A
3**	5686.500	84.69	-2.40	--	--	AV	199.00	150	Vertical	N/A
4	7708.500	53.25	1.84	74.0	20.75	Peak	360.00	200	Vertical	Pass
4**	7708.500	45.09	1.84	54.0	8.91	AV	360.00	200	Vertical	Pass
5	12406.338	52.84	1.10	74.0	21.16	Peak	51.00	150	Vertical	Pass
5**	12406.338	42.75	1.10	54.0	11.25	AV	51.00	150	Vertical	Pass
6	16071.675	55.24	1.38	74.0	18.76	Peak	360.00	400	Vertical	Pass
6**	16071.675	44.85	1.38	54.0	9.15	AV	360.00	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	1441.400	38.79	-16.85	74.0	35.21	Peak	216.00	100	Horizontal	Pass
1**	1441.400	29.23	-16.85	54.0	24.77	AV	216.00	100	Horizontal	Pass
2	4375.750	46.93	-5.35	74.0	27.07	Peak	238.00	200	Horizontal	Pass
2**	4375.750	37.01	-5.35	54.0	16.99	AV	238.00	200	Horizontal	Pass
3	5552.250	100.29	-2.41	--	--	Peak	360.00	200	Horizontal	N/A
3**	5552.250	92.64	-2.41	--	--	AV	360.00	200	Horizontal	N/A
4	7696.250	53.54	1.22	74.0	20.46	Peak	156.00	100	Horizontal	Pass
4**	7696.250	44.44	1.22	54.0	9.56	AV	156.00	100	Horizontal	Pass
5	12267.638	52.41	0.91	74.0	21.59	Peak	4.00	150	Horizontal	Pass
5**	12267.638	42.89	0.91	54.0	11.11	AV	4.00	150	Horizontal	Pass
6	15449.813	54.95	1.95	74.0	19.05	Peak	326.00	100	Horizontal	Pass
6**	15449.813	44.08	1.95	54.0	9.92	AV	326.00	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	1544.000	38.71	-17.22	74.0	35.29	Peak	99.00	300	Vertical	Pass
1**	1544.000	28.86	-17.22	54.0	25.14	AV	99.00	300	Vertical	Pass
2	4334.500	47.27	-4.84	74.0	26.73	Peak	62.00	100	Vertical	Pass
2**	4334.500	37.62	-4.84	54.0	16.38	AV	62.00	100	Vertical	Pass
3	5545.500	91.33	-2.44	--	--	Peak	190.00	150	Vertical	N/A
3**	5545.500	83.28	-2.44	--	--	AV	190.00	150	Vertical	N/A
4	7687.250	53.50	1.17	74.0	20.50	Peak	62.00	100	Vertical	Pass
4**	7687.250	44.78	1.17	54.0	9.22	AV	62.00	100	Vertical	Pass
5	11796.200	52.66	-0.15	74.0	21.34	Peak	244.00	150	Vertical	Pass
5**	11796.200	43.93	-0.15	54.0	10.07	AV	244.00	150	Vertical	Pass
6	15703.125	54.67	1.58	74.0	19.33	Peak	221.00	100	Vertical	Pass
6**	15703.125	45.75	1.58	54.0	8.25	AV	221.00	100	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	1444.000	38.09	-16.94	74.0	35.91	Peak	120.00	100	Horizontal	Pass
1**	1444.000	28.79	-16.94	54.0	25.21	AV	120.00	100	Horizontal	Pass
2	4399.000	46.97	-4.83	74.0	27.03	Peak	0.00	400	Horizontal	Pass
2**	4399.000	37.66	-4.83	54.0	16.34	AV	0.00	400	Horizontal	Pass
3	5635.500	99.61	-2.12	--	--	Peak	18.00	200	Horizontal	N/A
3**	5635.500	91.58	-2.12	--	--	AV	18.00	200	Horizontal	N/A
4	7418.000	53.67	0.97	74.0	20.33	Peak	141.00	100	Horizontal	Pass
4**	7418.000	44.29	0.97	54.0	9.71	AV	141.00	100	Horizontal	Pass
5	11796.200	52.77	-0.15	74.0	21.23	Peak	99.00	150	Horizontal	Pass
5**	11796.200	43.64	-0.15	54.0	10.36	AV	99.00	150	Horizontal	Pass
6	16111.050	55.26	1.84	74.0	18.74	Peak	277.00	200	Horizontal	Pass
6**	16111.050	45.51	1.84	54.0	8.49	AV	277.00	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	1581.800	38.37	-16.74	74.0	35.63	Peak	360.00	100	Vertical	Pass
1**	1581.800	28.83	-16.74	54.0	25.17	AV	360.00	100	Vertical	Pass
2	4297.000	47.53	-4.70	74.0	26.47	Peak	37.00	100	Vertical	Pass
2**	4297.000	39.01	-4.70	54.0	14.99	AV	37.00	100	Vertical	Pass
3	5586.500	89.99	-1.98	--	--	Peak	187.00	200	Vertical	N/A
3**	5586.500	82.19	-1.98	--	--	AV	187.00	200	Vertical	N/A
4	7705.000	53.64	2.03	74.0	20.36	Peak	187.00	100	Vertical	Pass
4**	7705.000	45.70	2.03	54.0	8.30	AV	187.00	100	Vertical	Pass
5	11724.000	53.89	-0.36	74.0	20.11	Peak	360.00	100	Vertical	Pass
5**	11724.000	43.00	-0.36	54.0	11.00	AV	360.00	100	Vertical	Pass
6	16157.250	55.13	2.10	74.0	18.87	Peak	262.00	100	Vertical	Pass
6**	16157.250	45.09	2.10	54.0	8.91	AV	262.00	100	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	1448.000	37.93	-16.81	74.0	36.07	Peak	77.00	400	Horizontal	Pass
1**	1448.000	29.19	-16.81	54.0	24.81	AV	77.00	400	Horizontal	Pass
2	4320.750	47.01	-4.72	74.0	26.99	Peak	265.00	400	Horizontal	Pass
2**	4320.750	37.29	-4.72	54.0	16.71	AV	265.00	400	Horizontal	Pass
3	5737.750	109.35	-2.17	--	--	Peak	185.00	150	Horizontal	N/A
3**	5737.750	101.41	-2.17	--	--	AV	185.00	150	Horizontal	N/A
4	7705.000	52.80	2.03	74.0	21.20	Peak	0.00	300	Horizontal	Pass
4**	7705.000	44.81	2.03	54.0	9.19	AV	0.00	300	Horizontal	Pass
5	11008.175	52.01	-1.61	74.0	21.99	Peak	243.00	150	Horizontal	Pass
5**	11008.175	41.77	-1.61	54.0	12.23	AV	243.00	150	Horizontal	Pass
6	15651.412	55.26	2.13	74.0	18.74	Peak	297.00	100	Horizontal	Pass
6**	15651.412	45.54	2.13	54.0	8.46	AV	297.00	100	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	1492.800	38.20	-17.35	74.0	35.80	Peak	320.00	200	Vertical	Pass
1**	1492.800	28.24	-17.35	54.0	25.76	AV	320.00	200	Vertical	Pass
2	4246.250	46.85	-4.29	74.0	27.15	Peak	226.00	200	Vertical	Pass
2**	4246.250	37.43	-4.29	54.0	16.57	AV	226.00	200	Vertical	Pass
3	5748.000	98.63	-2.26	--	--	Peak	5.00	150	Vertical	N/A
3**	5748.000	89.61	-2.26	--	--	AV	5.00	150	Vertical	N/A
4	7721.750	53.71	0.97	74.0	20.29	Peak	85.00	100	Vertical	Pass
4**	7721.750	43.64	0.97	54.0	10.36	AV	85.00	100	Vertical	Pass
5	11788.363	52.23	-0.16	74.0	21.77	Peak	176.00	150	Vertical	Pass
5**	11788.363	43.33	-0.16	54.0	10.67	AV	176.00	150	Vertical	Pass
6	16070.887	55.01	1.37	74.0	18.99	Peak	2.00	200	Vertical	Pass
6**	16070.887	44.70	1.37	54.0	9.30	AV	2.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.000	37.85	-17.04	74.0	36.15	Peak	151.00	100	Horizontal	Pass
1**	1617.000	28.90	-17.04	54.0	25.10	AV	151.00	100	Horizontal	Pass
2	4323.500	46.93	-4.89	74.0	27.07	Peak	144.00	100	Horizontal	Pass
2**	4323.500	37.47	-4.89	54.0	16.53	AV	144.00	100	Horizontal	Pass
3	5777.750	108.51	-2.55	--	--	Peak	185.00	150	Horizontal	N/A
3**	5777.750	99.72	-2.55	--	--	AV	185.00	150	Horizontal	N/A
4	7705.250	53.05	2.03	74.0	20.95	Peak	144.00	200	Horizontal	Pass
4**	7705.250	44.88	2.03	54.0	9.12	AV	144.00	200	Horizontal	Pass
5	11709.513	52.04	-0.46	74.0	21.96	Peak	79.00	200	Horizontal	Pass
5**	11709.513	42.30	-0.46	54.0	11.70	AV	79.00	200	Horizontal	Pass
6	16117.875	54.70	1.89	74.0	19.30	Peak	237.00	400	Horizontal	Pass
6**	16117.875	45.63	1.89	54.0	8.37	AV	237.00	400	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	1494.000	38.38	-17.13	74.0	35.62	Peak	196.00	200	Vertical	Pass
1**	1494.000	28.39	-17.13	54.0	25.61	AV	196.00	200	Vertical	Pass
2	4359.750	47.00	-4.73	74.0	27.00	Peak	5.00	300	Vertical	Pass
2**	4359.750	37.20	-4.73	54.0	16.80	AV	5.00	300	Vertical	Pass
3	5790.000	97.99	-2.46	--	--	Peak	44.00	150	Vertical	N/A
3**	5790.000	90.22	-2.46	--	--	AV	44.00	150	Vertical	N/A
4	7685.750	53.04	1.54	74.0	20.96	Peak	144.00	400	Vertical	Pass
4**	7685.750	45.16	1.54	54.0	8.84	AV	144.00	400	Vertical	Pass
5	11680.062	51.88	-0.85	74.0	22.12	Peak	337.00	100	Vertical	Pass
5**	11680.062	42.12	-0.85	54.0	11.88	AV	337.00	100	Vertical	Pass
6	16135.725	54.51	2.04	74.0	19.49	Peak	151.00	400	Vertical	Pass
6**	16135.725	45.93	2.04	54.0	8.07	AV	151.00	400	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	1600.000	38.45	-16.73	74.0	35.55	Peak	0.00	300	Horizontal	Pass
1**	1600.000	29.21	-16.73	54.0	24.79	AV	0.00	300	Horizontal	Pass
2	4322.250	47.04	-5.05	74.0	26.96	Peak	83.00	100	Horizontal	Pass
2**	4322.250	37.64	-5.05	54.0	16.36	AV	83.00	100	Horizontal	Pass
3	5822.750	107.73	-2.57	--	--	Peak	163.00	150	Horizontal	N/A
3**	5822.750	100.53	-2.57	--	--	AV	163.00	150	Horizontal	N/A
4	7583.750	53.22	1.16	74.0	20.78	Peak	224.00	400	Horizontal	Pass
4**	7583.750	43.55	1.16	54.0	10.45	AV	224.00	400	Horizontal	Pass
5	11801.425	51.85	-0.16	74.0	22.15	Peak	113.00	200	Horizontal	Pass
5**	11801.425	43.90	-0.16	54.0	10.10	AV	113.00	200	Horizontal	Pass
6	16137.825	54.76	2.05	74.0	19.24	Peak	333.00	400	Horizontal	Pass
6**	16137.825	44.78	2.05	54.0	9.22	AV	333.00	400	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	1575.700	38.66	-16.81	74.0	35.34	Peak	93.00	300	Vertical	Pass
1**	1575.700	29.77	-16.81	54.0	24.23	AV	93.00	300	Vertical	Pass
2	4250.750	47.10	-4.27	74.0	26.90	Peak	37.00	300	Vertical	Pass
2**	4250.750	38.01	-4.27	54.0	15.99	AV	37.00	300	Vertical	Pass
3	5818.250	99.13	-2.23	--	--	Peak	0.00	200	Vertical	N/A
3**	5818.250	91.50	-2.23	--	--	AV	0.00	200	Vertical	N/A
4	7692.000	53.59	0.87	74.0	20.41	Peak	182.00	100	Vertical	Pass
4**	7692.000	43.60	0.87	54.0	10.40	AV	182.00	100	Vertical	Pass
5	11759.388	52.30	-0.19	74.0	21.70	Peak	114.00	200	Vertical	Pass
5**	11759.388	43.16	-0.19	54.0	10.84	AV	114.00	200	Vertical	Pass
6	16087.425	54.41	1.58	74.0	19.59	Peak	0.00	300	Vertical	Pass
6**	16087.425	44.70	1.58	54.0	9.30	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.700	38.48	-16.83	74.0	35.52	Peak	147.00	100	Horizontal	Pass
1**	1603.700	29.41	-16.83	54.0	24.59	AV	147.00	100	Horizontal	Pass
2	4332.500	47.04	-4.91	74.0	26.96	Peak	344.00	300	Horizontal	Pass
2**	4332.500	38.89	-4.91	54.0	15.11	AV	344.00	300	Horizontal	Pass
3	5747.500	108.84	-2.16	--	76.16	Peak	185.00	100	Horizontal	N/A
3**	5747.500	100.91	-2.16	--	-100.91	AV	185.00	100	Horizontal	N/A
4	7708.250	53.22	1.90	74.0	20.78	Peak	5.00	400	Horizontal	Pass
4**	7708.250	44.27	1.90	54.0	9.73	AV	5.00	400	Horizontal	Pass
5	11974.563	51.98	-0.09	74.0	22.02	Peak	11.00	150	Horizontal	Pass
5**	11974.563	42.65	-0.09	54.0	11.35	AV	11.00	150	Horizontal	Pass
6	16158.037	53.91	2.10	74.0	20.09	Peak	114.00	300	Horizontal	Pass
6**	16158.037	44.90	2.10	54.0	9.10	AV	114.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.400	39.05	-16.90	74.0	34.95	Peak	347.00	300	Vertical	Pass
1**	1532.400	28.56	-16.90	54.0	25.44	AV	347.00	300	Vertical	Pass
2	4084.500	46.60	-5.43	74.0	27.40	Peak	66.00	200	Vertical	Pass
2**	4084.500	37.62	-5.43	54.0	16.38	AV	66.00	200	Vertical	Pass
3	5742.250	98.11	-2.04	--	--	Peak	0.00	200	Vertical	N/A
3**	5742.250	90.63	-2.04	--	--	AV	0.00	200	Vertical	N/A
4	7708.750	53.71	1.82	74.0	20.29	Peak	125.00	200	Vertical	Pass
4**	7708.750	44.47	1.82	54.0	9.53	AV	125.00	200	Vertical	Pass
5	12463.575	52.32	1.15	74.0	21.68	Peak	69.00	200	Vertical	Pass
5**	12463.575	42.86	1.15	54.0	11.14	AV	69.00	200	Vertical	Pass
6	16128.375	53.79	1.98	74.0	20.21	Peak	275.00	200	Vertical	Pass
6**	16128.375	45.01	1.98	54.0	8.99	AV	275.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.000	38.78	-17.04	74.0	35.22	Peak	291.00	400	Horizontal	Pass
1**	1560.000	28.54	-17.04	54.0	25.46	AV	291.00	400	Horizontal	Pass
2	4245.250	46.75	-4.33	74.0	27.25	Peak	263.00	200	Horizontal	Pass
2**	4245.250	38.28	-4.33	54.0	15.72	AV	263.00	200	Horizontal	Pass
3	5778.250	108.05	-2.54	--	--	Peak	183.00	150	Horizontal	N/A
3**	5778.250	99.57	-2.54	--	--	AV	183.00	150	Horizontal	N/A
4	7490.750	53.27	1.51	74.0	20.73	Peak	142.00	400	Horizontal	Pass
4**	7490.750	44.11	1.51	54.0	9.89	AV	142.00	400	Horizontal	Pass
5	11688.849	52.23	-0.70	74.0	21.77	Peak	194.00	150	Horizontal	Pass
5**	11688.849	41.93	-0.70	54.0	12.07	AV	194.00	150	Horizontal	Pass
6	16116.037	54.05	1.88	74.0	19.95	Peak	242.00	400	Horizontal	Pass
6**	16116.037	45.05	1.88	54.0	8.95	AV	242.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.400	37.88	-17.24	74.0	36.12	Peak	176.00	100	Vertical	Pass
1**	1543.400	28.26	-17.24	54.0	25.74	AV	176.00	100	Vertical	Pass
2	4278.250	46.56	-4.66	74.0	27.44	Peak	103.00	200	Vertical	Pass
2**	4278.250	38.82	-4.66	54.0	15.18	AV	103.00	200	Vertical	Pass
3	5789.250	98.21	-2.58	--	--	Peak	44.00	200	Vertical	N/A
3**	5789.250	90.87	-2.58	--	--	AV	44.00	200	Vertical	N/A
4	7421.750	54.31	1.31	74.0	19.69	Peak	0.00	200	Vertical	Pass
4**	7421.750	43.12	1.31	54.0	10.88	AV	0.00	200	Vertical	Pass
5	11995.463	52.22	0.37	74.0	21.78	Peak	18.00	100	Vertical	Pass
5**	11995.463	42.74	0.37	54.0	11.26	AV	18.00	100	Vertical	Pass
6	16086.375	54.54	1.57	74.0	19.46	Peak	310.00	100	Vertical	Pass
6**	16086.375	45.60	1.57	54.0	8.40	AV	310.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.700	38.81	-16.83	74.0	35.19	Peak	60.00	100	Horizontal	Pass
1**	1603.700	29.05	-16.83	54.0	24.95	AV	60.00	100	Horizontal	Pass
2	4330.250	46.83	-5.20	74.0	27.17	Peak	102.00	100	Horizontal	Pass
2**	4330.250	37.54	-5.20	54.0	16.46	AV	102.00	100	Horizontal	Pass
3	5822.250	107.60	-2.34	--	--	Peak	163.00	150	Horizontal	N/A
3**	5822.250	101.11	-2.34	--	--	AV	163.00	150	Horizontal	N/A
4	7710.750	53.91	1.87	74.0	20.09	Peak	204.00	300	Horizontal	Pass
4**	7710.750	44.28	1.87	54.0	9.72	AV	204.00	300	Horizontal	Pass
5	11794.775	52.29	-0.15	74.0	21.71	Peak	153.00	100	Horizontal	Pass
5**	11794.775	43.71	-0.15	54.0	10.29	AV	153.00	100	Horizontal	Pass
6	15902.625	53.90	1.98	74.0	20.10	Peak	153.00	300	Horizontal	Pass
6**	15902.625	44.57	1.98	54.0	9.43	AV	153.00	300	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	1604.100	38.58	-16.83	74.0	35.42	Peak	78.00	100	Vertical	Pass
1**	1604.100	29.78	-16.83	54.0	24.22	AV	78.00	100	Vertical	Pass
2	4262.250	46.71	-4.43	74.0	27.29	Peak	283.00	400	Vertical	Pass
2**	4262.250	37.43	-4.43	54.0	16.57	AV	283.00	400	Vertical	Pass
3	5818.250	99.15	-2.23	--	--	Peak	360.00	100	Vertical	N/A
3**	5818.250	91.53	-2.23	--	--	AV	360.00	100	Vertical	N/A
4	7487.500	53.01	1.35	74.0	20.99	Peak	119.00	300	Vertical	Pass
4**	7487.500	44.14	1.35	54.0	9.86	AV	119.00	300	Vertical	Pass
5	12000.687	52.78	0.46	74.0	21.22	Peak	243.00	150	Vertical	Pass
5**	12000.687	42.12	0.46	54.0	11.88	AV	243.00	150	Vertical	Pass
6	15408.600	54.14	2.79	74.0	19.86	Peak	14.00	400	Vertical	Pass
6**	15408.600	44.32	2.79	54.0	9.68	AV	14.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	38.06	-16.83	74.0	35.94	Peak	149.00	400	Horizontal	Pass
1**	1496.300	29.02	-16.83	54.0	24.98	AV	149.00	400	Horizontal	Pass
2	4321.000	47.51	-4.84	74.0	26.49	Peak	159.00	200	Horizontal	Pass
2**	4321.000	38.39	-4.84	54.0	15.61	AV	159.00	200	Horizontal	Pass
3	5750.750	105.38	-2.12	--	--	Peak	139.00	100	Horizontal	N/A
3**	5750.750	97.81	-2.12	--	--	AV	139.00	100	Horizontal	N/A
4	7691.750	53.21	0.76	74.0	20.79	Peak	222.00	300	Horizontal	Pass
4**	7691.750	44.01	0.76	54.0	9.99	AV	222.00	300	Horizontal	Pass
5	11789.075	52.57	-0.16	74.0	21.43	Peak	245.00	100	Horizontal	Pass
5**	11789.075	43.68	-0.16	54.0	10.32	AV	245.00	100	Horizontal	Pass
6	15906.300	55.20	1.92	74.0	18.80	Peak	210.00	300	Horizontal	Pass
6**	15906.300	44.85	1.92	54.0	9.15	AV	210.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.200	38.06	-17.31	74.0	35.94	Peak	143.00	300	Vertical	Pass
1**	1482.200	28.15	-17.31	54.0	25.85	AV	143.00	300	Vertical	Pass
2	3891.750	46.53	-5.97	74.0	27.47	Peak	244.00	100	Vertical	Pass
2**	3891.750	36.99	-5.97	54.0	17.01	AV	244.00	100	Vertical	Pass
3	5744.500	95.46	-1.87	--	--	Peak	59.00	200	Vertical	N/A
3**	5744.500	86.98	-1.87	--	--	AV	59.00	200	Vertical	N/A
4	7707.500	52.95	1.49	74.0	21.05	Peak	80.00	400	Vertical	Pass
4**	7707.500	43.89	1.49	54.0	10.11	AV	80.00	400	Vertical	Pass
5	11763.188	52.23	-0.18	74.0	21.77	Peak	275.00	200	Vertical	Pass
5**	11763.188	43.68	-0.18	54.0	10.32	AV	275.00	200	Vertical	Pass
6	15901.312	54.41	2.00	74.0	19.59	Peak	160.00	400	Vertical	Pass
6**	15901.312	45.33	2.00	54.0	8.67	AV	160.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	38.75	-16.85	74.0	35.25	Peak	0.00	200	Horizontal	Pass
1**	1498.000	29.75	-16.85	54.0	24.25	AV	0.00	200	Horizontal	Pass
2	4388.250	46.92	-4.99	74.0	27.08	Peak	1.00	200	Horizontal	Pass
2**	4388.250	38.35	-4.99	54.0	15.65	AV	1.00	200	Horizontal	Pass
3	5798.750	105.09	-2.10	--	--	Peak	142.00	100	Horizontal	N/A
3**	5798.750	97.67	-2.10	--	--	AV	142.00	100	Horizontal	N/A
4	7455.750	53.43	0.46	74.0	20.57	Peak	325.00	400	Horizontal	Pass
4**	7455.750	43.25	0.46	54.0	10.75	AV	325.00	400	Horizontal	Pass
5	12014.937	52.73	0.27	74.0	21.27	Peak	244.00	150	Horizontal	Pass
5**	12014.937	41.83	0.27	54.0	12.17	AV	244.00	150	Horizontal	Pass
6	16096.612	54.47	1.71	74.0	19.53	Peak	123.00	400	Horizontal	Pass
6**	16096.612	45.65	1.71	54.0	8.35	AV	123.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.700	38.31	-17.04	74.0	35.69	Peak	261.00	100	Vertical	Pass
1**	1508.700	27.91	-17.04	54.0	26.09	AV	261.00	100	Vertical	Pass
2	4395.250	46.71	-4.93	74.0	27.29	Peak	84.00	300	Vertical	Pass
2**	4395.250	37.68	-4.93	54.0	16.32	AV	84.00	300	Vertical	Pass
3	5788.500	96.50	-2.32	--	--	Peak	360.00	100	Vertical	N/A
3**	5788.500	88.96	-2.32	--	--	AV	360.00	100	Vertical	N/A
4	7714.500	53.23	1.63	74.0	20.77	Peak	264.00	400	Vertical	Pass
4**	7714.500	44.82	1.63	54.0	9.18	AV	264.00	400	Vertical	Pass
5	11691.225	52.28	-0.66	74.0	21.72	Peak	188.00	200	Vertical	Pass
5**	11691.225	43.00	-0.66	54.0	11.00	AV	188.00	200	Vertical	Pass
6	16037.026	54.68	1.13	74.0	19.32	Peak	161.00	300	Vertical	Pass
6**	16037.026	44.37	1.13	54.0	9.63	AV	161.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.600	38.81	-16.79	74.0	35.19	Peak	13.00	400	Horizontal	Pass
1**	1604.600	29.41	-16.79	54.0	24.59	AV	13.00	400	Horizontal	Pass
2	4258.250	46.74	-4.07	74.0	27.26	Peak	283.00	200	Horizontal	Pass
2**	4258.250	37.91	-4.07	54.0	16.09	AV	283.00	200	Horizontal	Pass
3	5742.250	108.03	-2.04	--	--	Peak	183.00	200	Horizontal	N/A
3**	5742.250	101.26	-2.04	--	--	AV	183.00	200	Horizontal	N/A
4	7704.500	53.20	1.93	74.0	20.80	Peak	122.00	100	Horizontal	Pass
4**	7704.500	45.47	1.93	54.0	8.53	AV	122.00	100	Horizontal	Pass
5	11744.663	52.46	-0.23	74.0	21.54	Peak	18.00	200	Horizontal	Pass
5**	11744.663	42.96	-0.23	54.0	11.04	AV	18.00	200	Horizontal	Pass
6	16110.262	54.45	1.83	74.0	19.55	Peak	10.00	200	Horizontal	Pass
6**	16110.262	44.81	1.83	54.0	9.19	AV	10.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.200	38.22	-17.08	74.0	35.78	Peak	203.00	200	Vertical	Pass
1**	1502.200	28.81	-17.08	54.0	25.19	AV	203.00	200	Vertical	Pass
2	4258.500	46.88	-4.26	74.0	27.12	Peak	144.00	200	Vertical	Pass
2**	4258.500	38.09	-4.26	54.0	15.91	AV	144.00	200	Vertical	Pass
3	5743.000	98.07	-2.06	--	--	Peak	4.00	200	Vertical	N/A
3**	5743.000	91.48	-2.06	--	--	AV	4.00	200	Vertical	N/A
4	7705.250	53.27	2.03	74.0	20.73	Peak	305.00	400	Vertical	Pass
4**	7705.250	44.64	2.03	54.0	9.36	AV	305.00	400	Vertical	Pass
5	12453.363	52.27	1.06	74.0	21.73	Peak	256.00	200	Vertical	Pass
5**	12453.363	42.82	1.06	54.0	11.18	AV	256.00	200	Vertical	Pass
6	16100.813	54.27	1.76	74.0	19.73	Peak	0.00	400	Vertical	Pass
6**	16100.813	45.02	1.76	54.0	8.98	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.100	38.87	-17.11	74.0	35.13	Peak	282.00	100	Horizontal	Pass
1**	1437.100	28.36	-17.11	54.0	25.64	AV	282.00	100	Horizontal	Pass
2	4003.500	46.52	-5.87	74.0	27.48	Peak	45.00	300	Horizontal	Pass
2**	4003.500	38.24	-5.87	54.0	15.76	AV	45.00	300	Horizontal	Pass
3	5788.750	108.26	-2.35	--	--	Peak	165.00	100	Horizontal	N/A
3**	5788.750	100.08	-2.35	--	--	AV	165.00	100	Horizontal	N/A
4	7710.000	54.09	1.69	74.0	19.91	Peak	6.00	300	Horizontal	Pass
4**	7710.000	44.20	1.69	54.0	9.80	AV	6.00	300	Horizontal	Pass
5	12266.450	52.32	0.92	74.0	21.68	Peak	53.00	100	Horizontal	Pass
5**	12266.450	42.74	0.92	54.0	11.26	AV	53.00	100	Horizontal	Pass
6	16120.237	54.66	1.91	74.0	19.34	Peak	132.00	100	Horizontal	Pass
6**	16120.237	44.71	1.91	54.0	9.29	AV	132.00	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	1612.500	38.46	-16.78	74.0	35.54	Peak	344.00	400	Vertical	Pass
1**	1612.500	29.63	-16.78	54.0	24.37	AV	344.00	400	Vertical	Pass
2	4254.500	46.75	-4.53	74.0	27.25	Peak	0.00	300	Vertical	Pass
2**	4254.500	37.82	-4.53	54.0	16.18	AV	0.00	300	Vertical	Pass
3	5788.750	98.84	-2.35	--	--	Peak	45.00	150	Vertical	N/A
3**	5788.750	91.13	-2.35	--	--	AV	45.00	150	Vertical	N/A
4	7710.000	53.11	1.69	74.0	20.89	Peak	285.00	400	Vertical	Pass
4**	7710.000	44.60	1.69	54.0	9.40	AV	285.00	400	Vertical	Pass
5	12479.013	52.67	1.27	74.0	21.33	Peak	101.00	100	Vertical	Pass
5**	12479.013	42.64	1.27	54.0	11.36	AV	101.00	100	Vertical	Pass
6	16133.888	55.07	2.02	74.0	18.93	Peak	33.00	200	Vertical	Pass
6**	16133.888	45.28	2.02	54.0	8.72	AV	33.00	200	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	1535.400	38.70	-17.21	74.0	35.30	Peak	291.00	200	Horizontal	Pass
1**	1535.400	28.69	-17.21	54.0	25.31	AV	291.00	200	Horizontal	Pass
2	4227.750	47.10	-4.97	74.0	26.90	Peak	0.00	400	Horizontal	Pass
2**	4227.750	37.96	-4.97	54.0	16.04	AV	0.00	400	Horizontal	Pass
3	5829.250	107.96	-2.60	--	--	Peak	167.00	100	Horizontal	N/A
3**	5829.250	99.93	-2.60	--	--	AV	167.00	100	Horizontal	N/A
4	7704.750	53.08	2.00	74.0	20.92	Peak	226.00	200	Horizontal	Pass
4**	7704.750	44.54	2.00	54.0	9.46	AV	226.00	200	Horizontal	Pass
5	12246.500	52.42	1.05	74.0	21.58	Peak	233.00	150	Horizontal	Pass
5**	12246.500	43.10	1.05	54.0	10.90	AV	233.00	150	Horizontal	Pass
6	16100.287	54.09	1.75	74.0	19.91	Peak	58.00	400	Horizontal	Pass
6**	16100.287	45.30	1.75	54.0	8.70	AV	58.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.200	38.45	-17.32	74.0	35.55	Peak	14.00	300	Vertical	Pass
1**	1542.200	28.26	-17.32	54.0	25.74	AV	14.00	300	Vertical	Pass
2	4371.250	47.20	-5.22	74.0	26.80	Peak	205.00	100	Vertical	Pass
2**	4371.250	37.09	-5.22	54.0	16.91	AV	205.00	100	Vertical	Pass
3	5822.500	98.96	-2.53	--	--	Peak	0.00	150	Vertical	N/A
3**	5822.500	91.61	-2.53	--	--	AV	0.00	150	Vertical	N/A
4	7360.500	53.39	0.75	74.0	20.61	Peak	44.00	400	Vertical	Pass
4**	7360.500	44.76	0.75	54.0	9.24	AV	44.00	400	Vertical	Pass
5	11762.475	52.46	-0.18	74.0	21.54	Peak	341.00	200	Vertical	Pass
5**	11762.475	42.99	-0.18	54.0	11.01	AV	341.00	200	Vertical	Pass
6	16147.800	54.26	2.13	74.0	19.74	Peak	10.00	200	Vertical	Pass
6**	16147.800	44.92	2.13	54.0	9.08	AV	10.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.900	38.34	-16.91	74.0	35.66	Peak	233.00	400	Horizontal	Pass
1**	1601.900	28.71	-16.91	54.0	25.29	AV	233.00	400	Horizontal	Pass
2	4302.250	46.76	-5.20	74.0	27.24	Peak	0.00	100	Horizontal	Pass
2**	4302.250	37.23	-5.20	54.0	16.77	AV	0.00	100	Horizontal	Pass
3	5745.750	105.93	-2.08	--	--	Peak	173.00	100	Horizontal	N/A
3**	5745.750	97.59	-2.08	--	--	AV	173.00	100	Horizontal	N/A
4	7707.000	53.44	1.71	74.0	20.56	Peak	0.00	200	Horizontal	Pass
4**	7707.000	45.46	1.71	54.0	8.54	AV	0.00	200	Horizontal	Pass
5	11758.437	52.15	-0.19	74.0	21.85	Peak	295.00	200	Horizontal	Pass
5**	11758.437	43.40	-0.19	54.0	10.60	AV	295.00	200	Horizontal	Pass
6	15937.275	55.13	1.38	74.0	18.87	Peak	241.00	200	Horizontal	Pass
6**	15937.275	45.47	1.38	54.0	8.53	AV	241.00	200	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	1443.300	38.60	-16.85	74.0	35.40	Peak	74.00	300	Vertical	Pass
1**	1443.300	29.00	-16.85	54.0	25.00	AV	74.00	300	Vertical	Pass
2	4399.250	47.24	-4.93	74.0	26.76	Peak	0.00	200	Vertical	Pass
2**	4399.250	36.91	-4.93	54.0	17.09	AV	0.00	200	Vertical	Pass
3	5753.000	95.14	-2.15	--	--	Peak	42.00	200	Vertical	N/A
3**	5753.000	87.46	-2.15	--	--	AV	42.00	200	Vertical	N/A
4	7646.750	53.28	0.77	74.0	20.72	Peak	360.00	100	Vertical	Pass
4**	7646.750	43.74	0.77	54.0	10.26	AV	360.00	100	Vertical	Pass
5	11741.100	52.71	-0.25	74.0	21.29	Peak	179.00	200	Vertical	Pass
5**	11741.100	42.47	-0.25	54.0	11.53	AV	179.00	200	Vertical	Pass
6	15892.125	54.12	1.97	74.0	19.88	Peak	39.00	300	Vertical	Pass
6**	15892.125	45.32	1.97	54.0	8.68	AV	39.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.300	38.25	-16.72	74.0	35.75	Peak	96.00	300	Horizontal	Pass
1**	1613.300	29.48	-16.72	54.0	24.52	AV	96.00	300	Horizontal	Pass
2	4147.250	47.52	-5.66	74.0	26.48	Peak	203.00	100	Horizontal	Pass
2**	4147.250	38.11	-5.66	54.0	15.89	AV	203.00	100	Horizontal	Pass
3	5787.750	105.91	-2.52	--	--	Peak	183.00	150	Horizontal	N/A
3**	5787.750	96.81	-2.52	--	--	AV	183.00	150	Horizontal	N/A
4	7678.250	53.54	1.13	74.0	20.46	Peak	344.00	300	Horizontal	Pass
4**	7678.250	44.08	1.13	54.0	9.92	AV	344.00	300	Horizontal	Pass
5	12221.563	52.39	0.71	74.0	21.61	Peak	69.00	150	Horizontal	Pass
5**	12221.563	42.55	0.71	54.0	11.45	AV	69.00	150	Horizontal	Pass
6	16138.087	54.57	2.06	74.0	19.43	Peak	227.00	400	Horizontal	Pass
6**	16138.087	45.53	2.06	54.0	8.47	AV	227.00	400	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	1519.300	38.44	-17.28	74.0	35.56	Peak	47.00	100	Vertical	Pass
1**	1519.300	28.36	-17.28	54.0	25.64	AV	47.00	100	Vertical	Pass
2	4250.500	46.95	-4.38	74.0	27.05	Peak	225.00	400	Vertical	Pass
2**	4250.500	37.60	-4.38	54.0	16.40	AV	225.00	400	Vertical	Pass
3	5786.500	97.15	-2.25	--	--	Peak	42.00	200	Vertical	N/A
3**	5786.500	88.07	-2.25	--	--	AV	42.00	200	Vertical	N/A
4	7405.500	53.59	0.28	74.0	20.41	Peak	246.00	200	Vertical	Pass
4**	7405.500	43.90	0.28	54.0	10.10	AV	246.00	200	Vertical	Pass
5	11753.925	52.92	-0.19	74.0	21.08	Peak	266.00	200	Vertical	Pass
5**	11753.925	43.52	-0.19	54.0	10.48	AV	266.00	200	Vertical	Pass
6	16140.188	54.47	2.07	74.0	19.53	Peak	130.00	400	Vertical	Pass
6**	16140.188	45.06	2.07	54.0	8.94	AV	130.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.600	38.18	-16.67	74.0	35.82	Peak	360.00	400	Horizontal	Pass
1**	1606.600	28.77	-16.67	54.0	25.23	AV	360.00	400	Horizontal	Pass
2	4263.000	47.03	-5.04	74.0	26.97	Peak	264.00	100	Horizontal	Pass
2**	4263.000	36.50	-5.04	54.0	17.50	AV	264.00	100	Horizontal	Pass
3	5800.250	102.82	-2.27	--	--	Peak	144.00	150	Horizontal	N/A
3**	5800.250	93.86	-2.27	--	--	AV	144.00	150	Horizontal	N/A
4	7709.250	53.58	1.90	74.0	20.42	Peak	303.00	400	Horizontal	Pass
4**	7709.250	44.61	1.90	54.0	9.39	AV	303.00	400	Horizontal	Pass
5	11690.750	52.83	-0.67	74.0	21.17	Peak	62.00	100	Horizontal	Pass
5**	11690.750	43.45	-0.67	54.0	10.55	AV	62.00	100	Horizontal	Pass
6	15900.787	54.25	2.01	74.0	19.75	Peak	183.00	300	Horizontal	Pass
6**	15900.787	45.45	2.01	54.0	8.55	AV	183.00	300	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	1544.500	38.06	-16.89	74.0	35.94	Peak	50.00	300	Vertical	Pass
1**	1544.500	28.86	-16.89	54.0	25.14	AV	50.00	300	Vertical	Pass
2	4287.500	46.65	-4.67	74.0	27.35	Peak	16.00	300	Vertical	Pass
2**	4287.500	37.90	-4.67	54.0	16.10	AV	16.00	300	Vertical	Pass
3	5798.000	93.06	-2.18	--	--	Peak	360.00	100	Vertical	N/A
3**	5798.000	85.58	-2.18	--	--	AV	360.00	100	Vertical	N/A
4	7427.250	53.45	1.27	74.0	20.55	Peak	300.00	400	Vertical	Pass
4**	7427.250	45.33	1.27	54.0	8.67	AV	300.00	400	Vertical	Pass
5	11755.825	52.42	-0.19	74.0	21.58	Peak	188.00	100	Vertical	Pass
5**	11755.825	44.13	-0.19	54.0	9.87	AV	188.00	100	Vertical	Pass
6	15882.412	54.73	1.89	74.0	19.27	Peak	60.00	300	Vertical	Pass
6**	15882.412	44.24	1.89	54.0	9.76	AV	60.00	300	Vertical	Pass

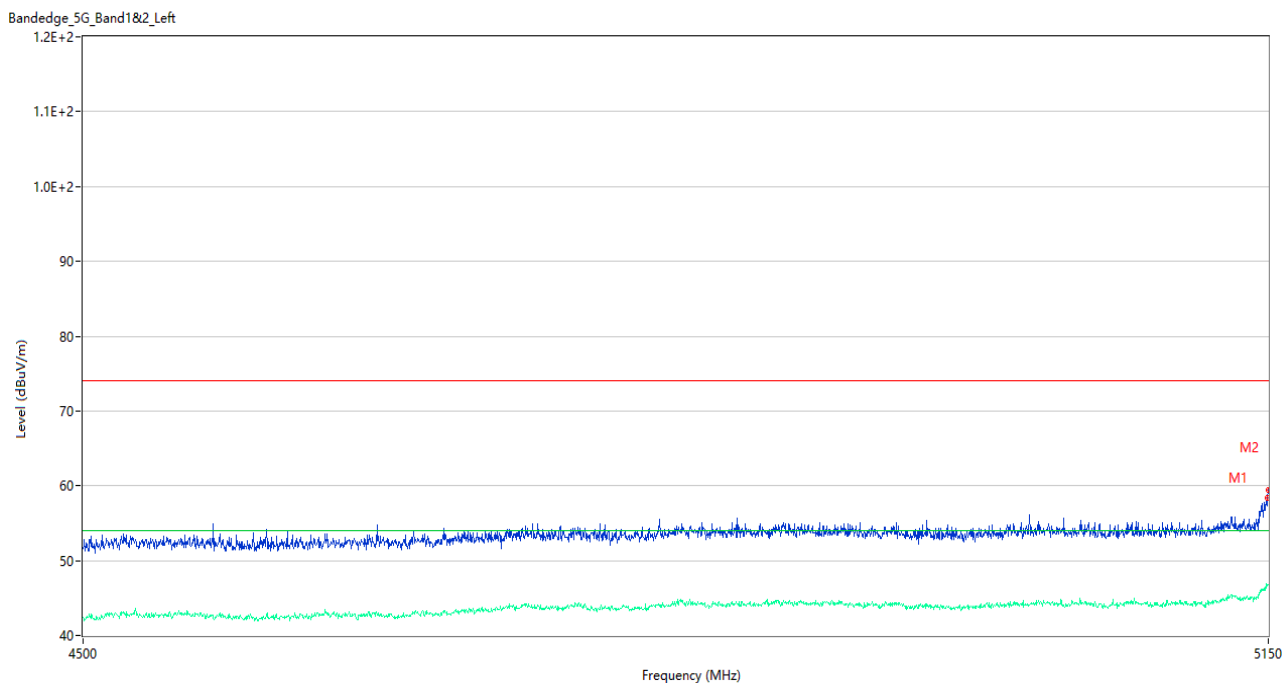
A.6.2 Band Edge (Restricted-band)

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

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

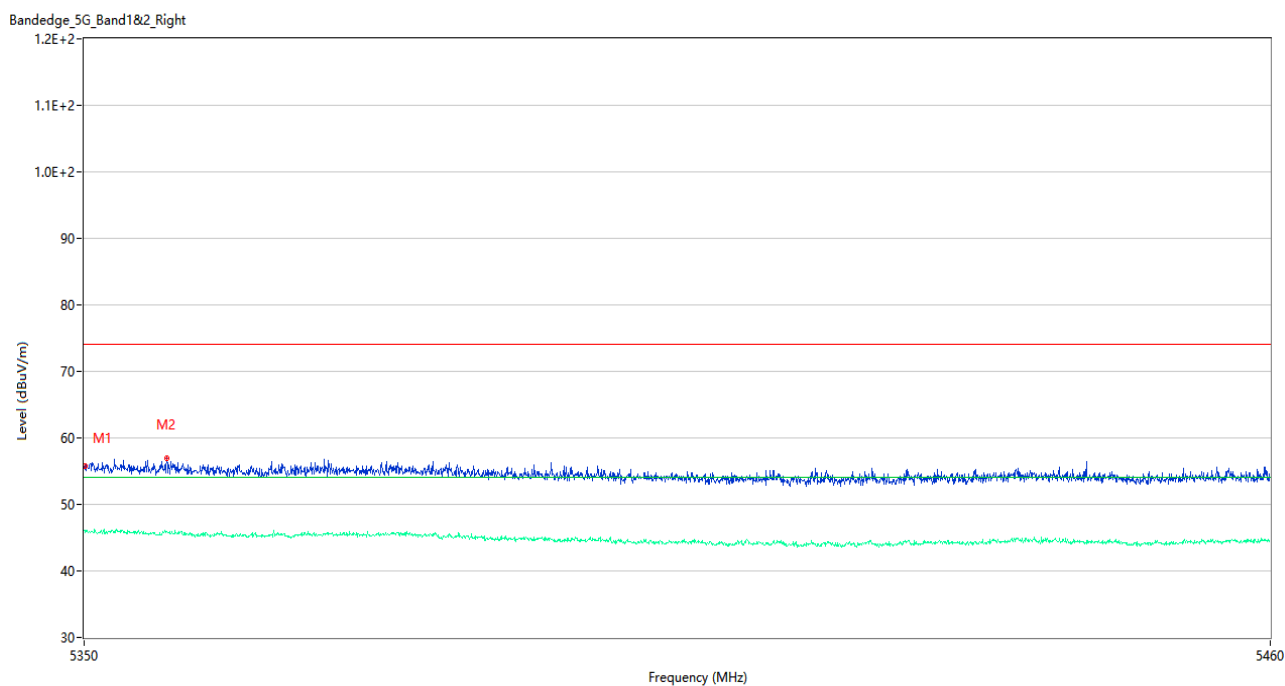
Test Data and Plots

U-NII-1 11a Low Channel



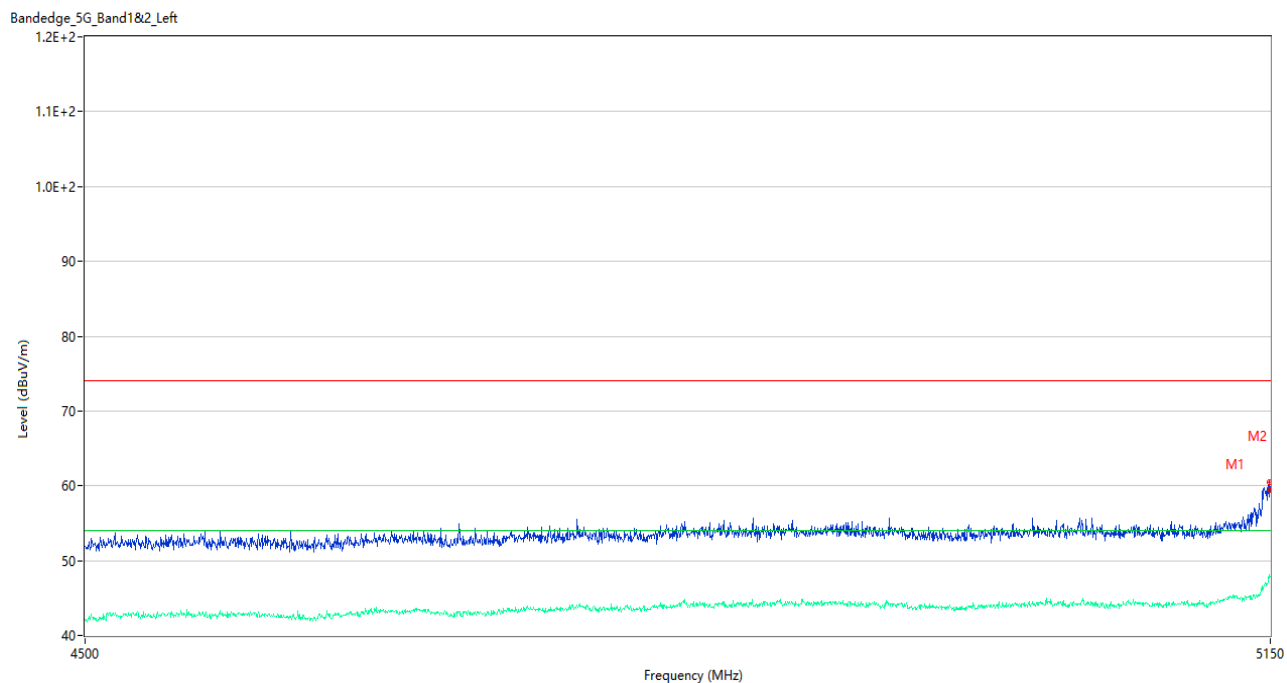
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	58.37	2.85	74.0	15.63	Peak	116.00	200	Horizontal	Pass
1**	5149.675	46.55	2.85	54.0	7.45	AV	116.00	200	Horizontal	Pass
2	5150.000	59.44	2.86	74.0	14.56	Peak	182.00	100	Horizontal	Pass
2**	5150.000	46.81	2.86	54.0	7.19	AV	182.00	100	Horizontal	Pass

U-NII-1 11a High Channel



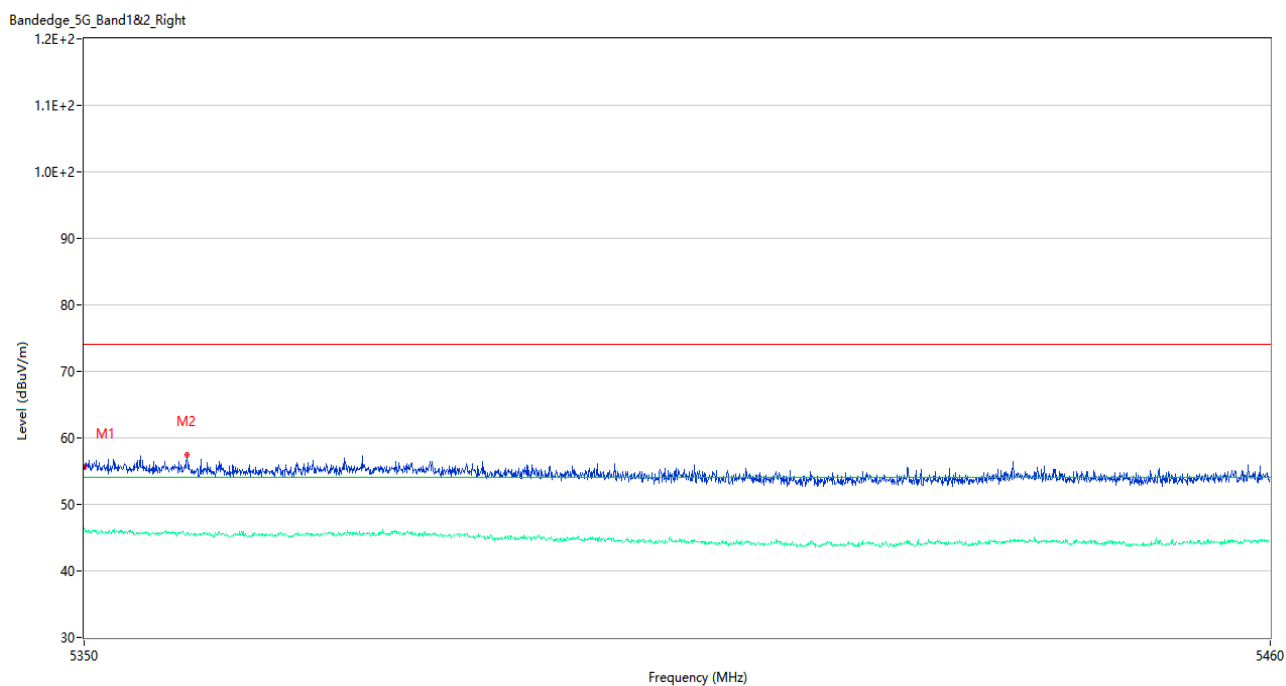
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.72	3.30	74.0	18.28	Peak	169.00	100	Horizontal	Pass
1**	5350.055	46.09	3.30	54.0	7.91	AV	169.00	100	Horizontal	Pass
2	5357.590	56.97	3.07	74.0	17.03	Peak	246.00	200	Horizontal	Pass
2**	5357.590	45.90	3.07	54.0	8.10	AV	246.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



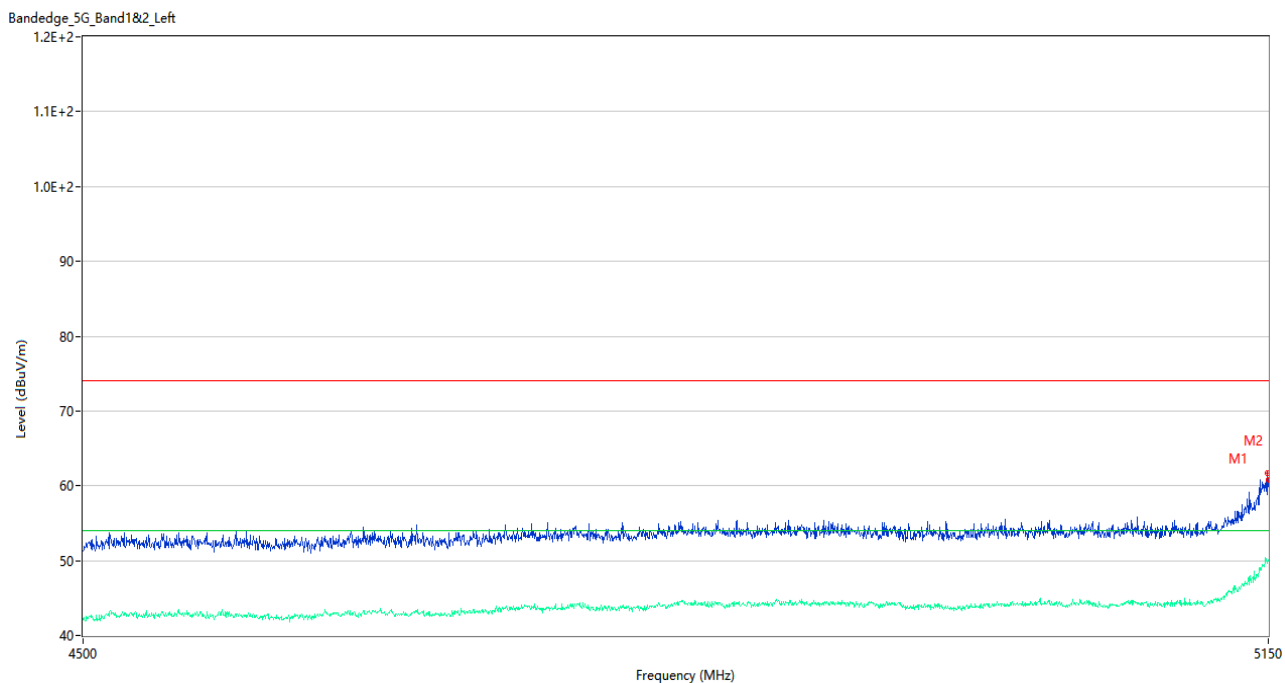
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.55	2.85	74.0	13.45	Peak	157.00	200	Horizontal	Pass
1**	5149.675	48.11	2.85	54.0	5.89	AV	157.00	200	Horizontal	Pass
2	5150.000	59.45	2.86	74.0	14.55	Peak	140.00	150	Horizontal	Pass
2**	5150.000	47.91	2.86	54.0	6.09	AV	140.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



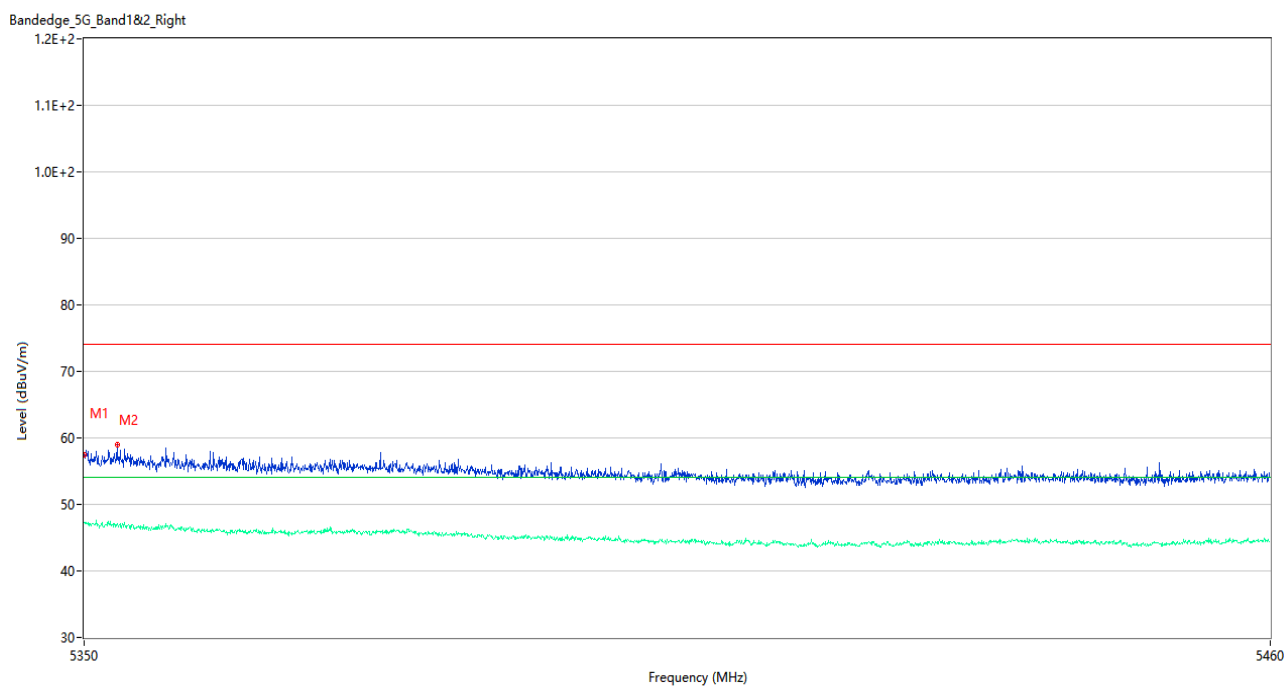
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.52	3.32	74.0	18.48	Peak	93.00	100	Horizontal	Pass
1**	5350.000	46.40	3.32	54.0	7.60	AV	93.00	100	Horizontal	Pass
2	5359.460	57.54	2.80	74.0	16.46	Peak	280.00	0	Horizontal	Pass
2**	5359.460	45.71	2.80	54.0	8.29	AV	280.00	0	Horizontal	Pass

U-NII-1 11n40 Low Channel



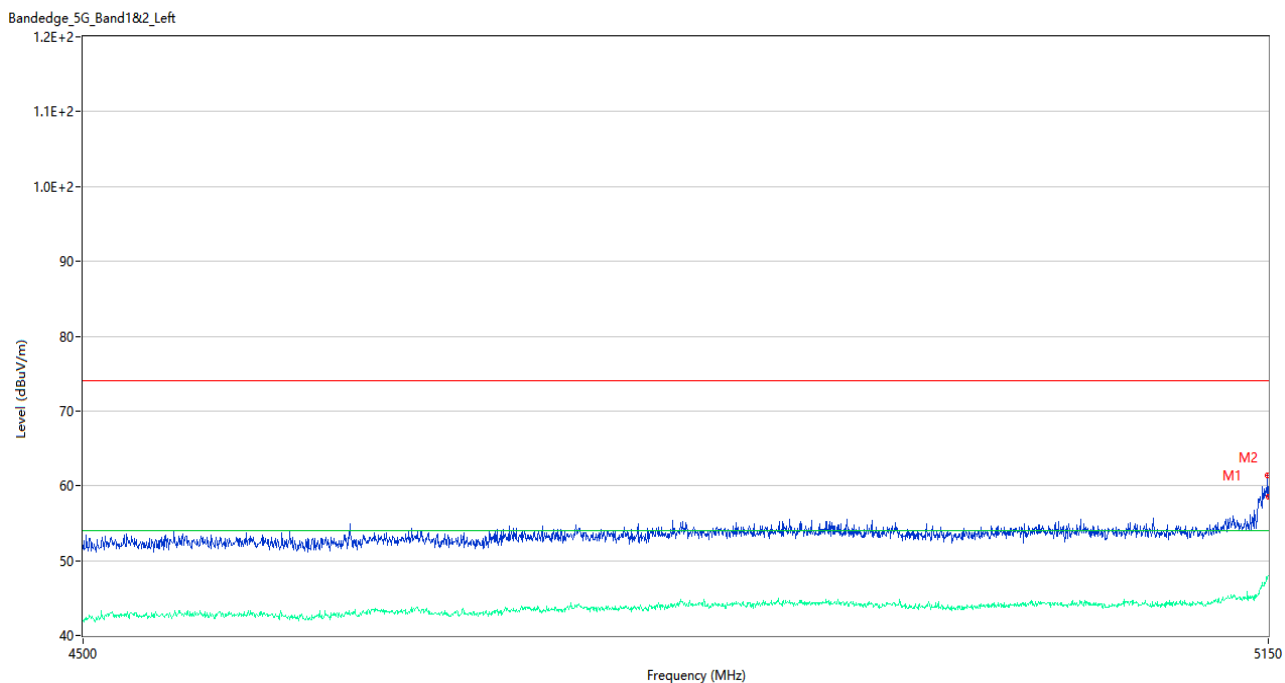
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	61.64	2.85	74.0	12.36	Peak	180.00	200	Horizontal	Pass
1**	5149.350	49.94	2.85	54.0	4.06	AV	180.00	200	Horizontal	Pass
2	5150.000	60.85	2.86	74.0	13.15	Peak	146.00	200	Horizontal	Pass
2**	5150.000	50.05	2.86	54.0	3.95	AV	146.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



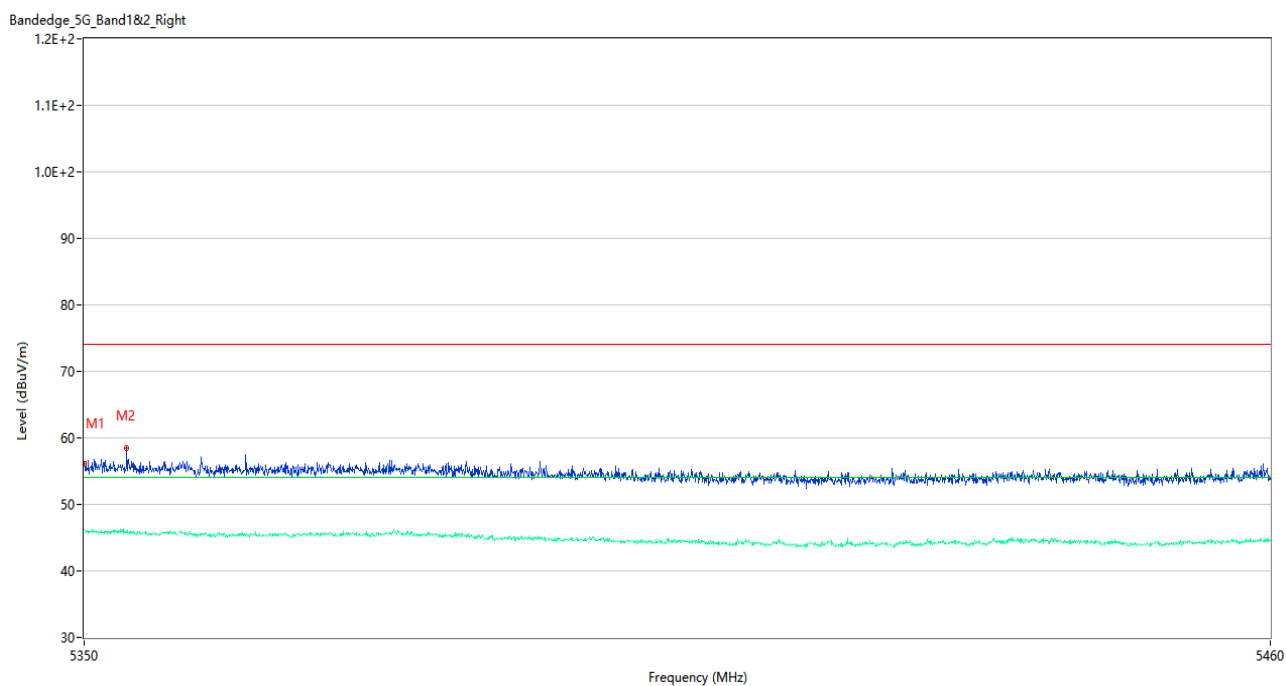
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.44	3.32	74.0	16.56	Peak	360.00	100	Horizontal	Pass
1**	5350.000	47.28	3.32	54.0	6.72	AV	360.00	100	Horizontal	Pass
2	5353.025	59.04	3.23	74.0	14.96	Peak	19.00	150	Horizontal	Pass
2**	5353.025	47.13	3.23	54.0	6.87	AV	19.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



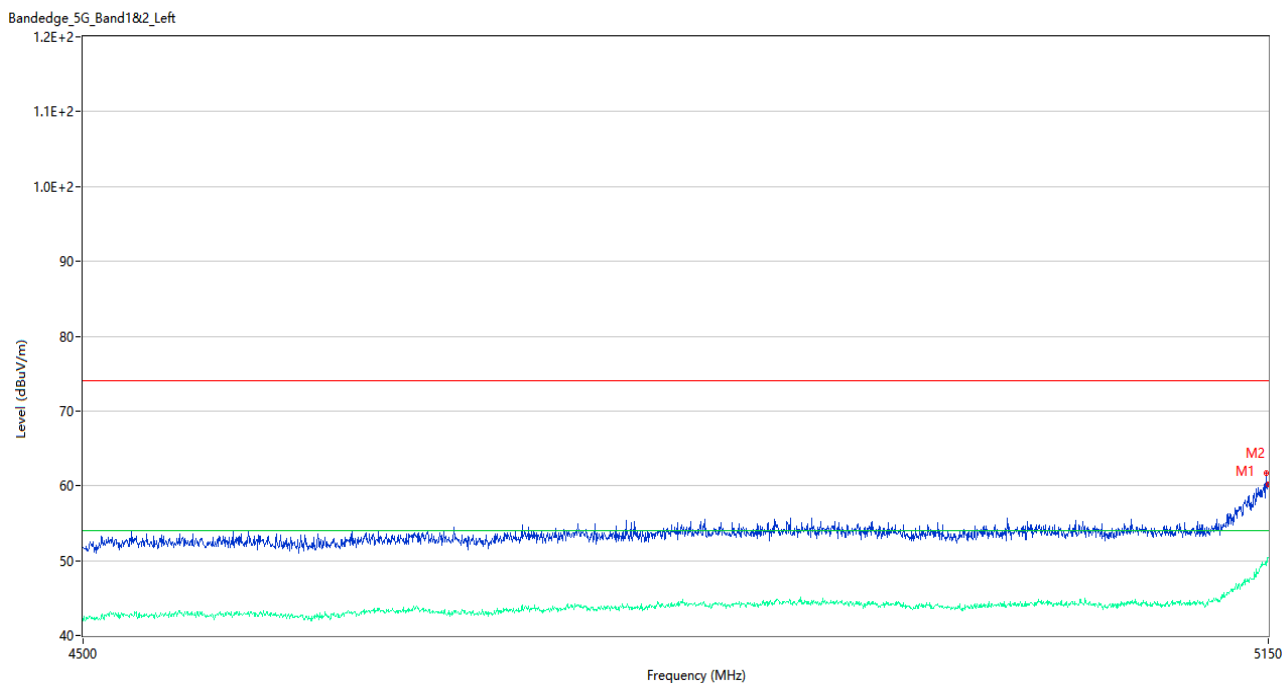
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	61.41	2.85	74.0	12.59	Peak	170.00	200	Horizontal	Pass
1**	5149.675	47.80	2.85	54.0	6.20	AV	170.00	200	Horizontal	Pass
2	5150.000	58.61	2.86	74.0	15.39	Peak	173.00	150	Horizontal	Pass
2**	5150.000	47.99	2.86	54.0	6.01	AV	173.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



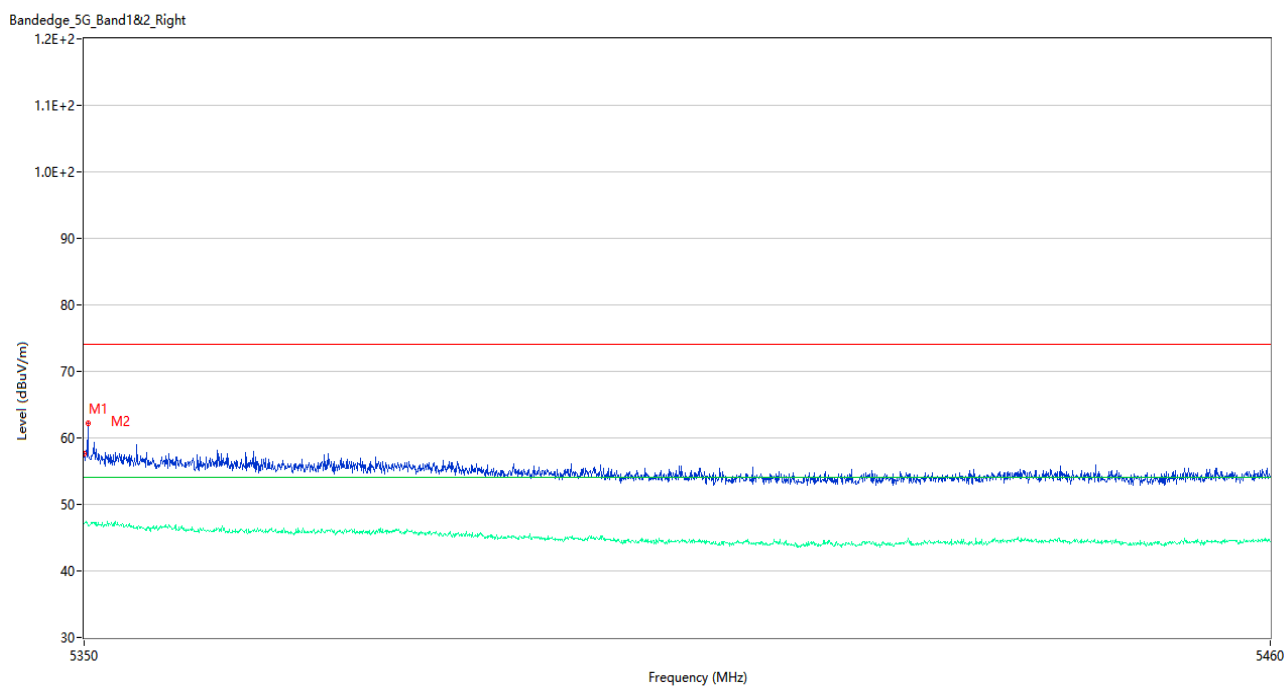
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.14	3.32	74.0	17.86	Peak	1.00	100	Horizontal	Pass
1**	5350.000	46.30	3.32	54.0	7.70	AV	1.00	100	Horizontal	Pass
2	5353.905	58.44	3.08	74.0	15.56	Peak	212.00	100	Horizontal	Pass
2**	5353.905	45.78	3.08	54.0	8.22	AV	212.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



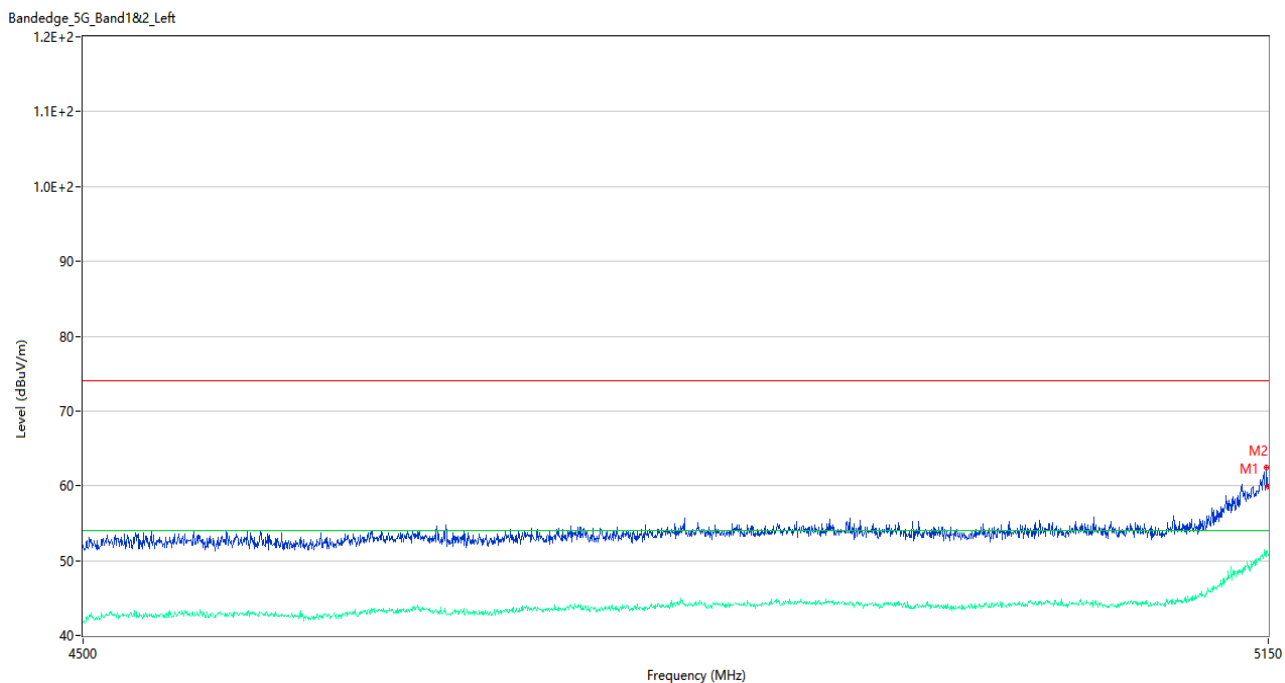
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	61.64	2.87	74.0	12.36	Peak	180.00	150	Horizontal	Pass
1**	5149.025	49.39	2.87	54.0	4.61	AV	180.00	150	Horizontal	Pass
2	5150.000	60.14	2.86	74.0	13.86	Peak	140.00	200	Horizontal	Pass
2**	5150.000	50.37	2.86	54.0	3.63	AV	140.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



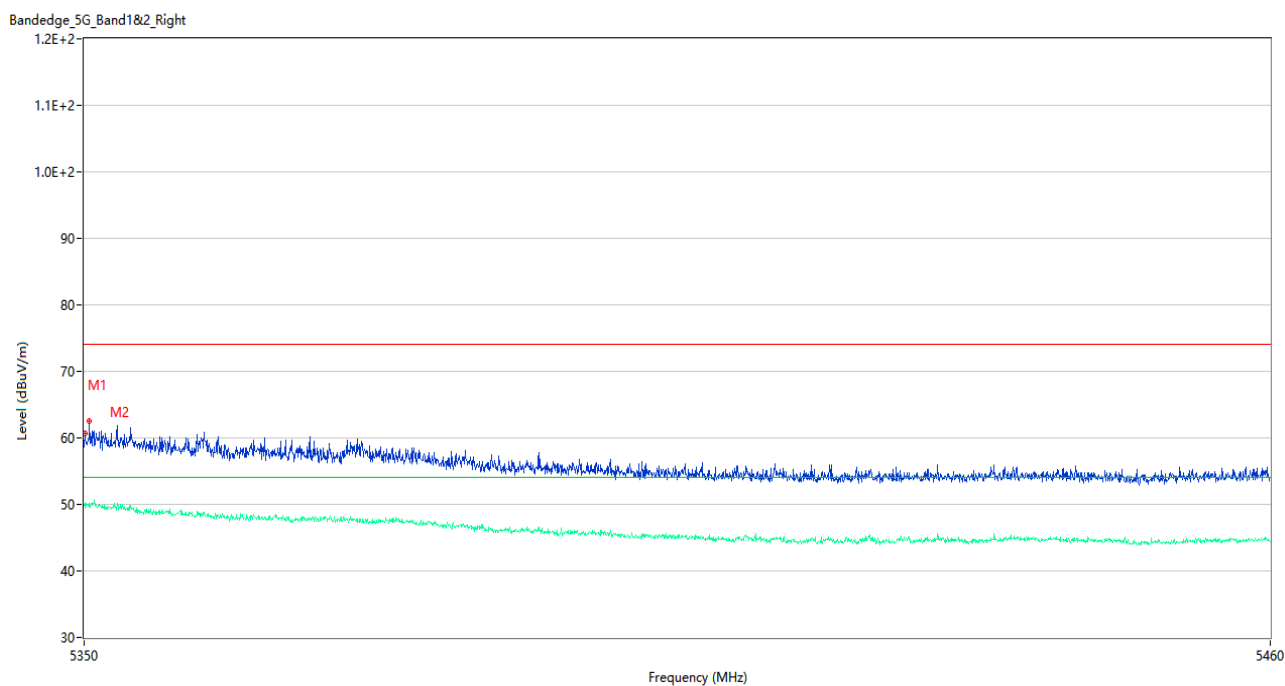
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.62	3.32	74.0	16.38	Peak	342.00	200	Horizontal	Pass
1**	5350.000	47.14	3.32	54.0	6.86	AV	342.00	200	Horizontal	Pass
2	5350.330	62.13	3.17	74.0	11.87	Peak	16.00	150	Horizontal	Pass
2**	5350.330	46.85	3.17	54.0	7.15	AV	16.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



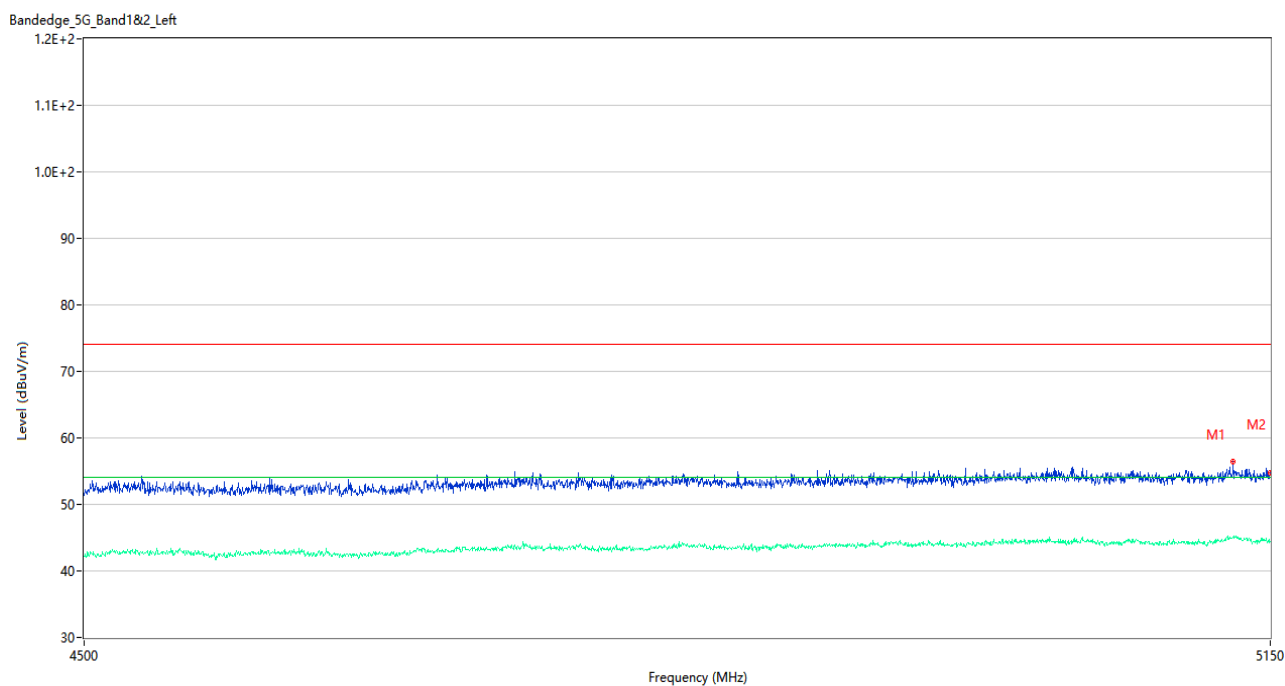
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	62.43	2.87	74.0	11.57	Peak	118.00	150	Horizontal	Pass
1**	5149.025	50.96	2.87	54.0	3.04	AV	118.00	150	Horizontal	Pass
2	5150.000	59.83	2.86	74.0	14.17	Peak	158.00	100	Horizontal	Pass
2**	5150.000	50.65	2.86	54.0	3.35	AV	158.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



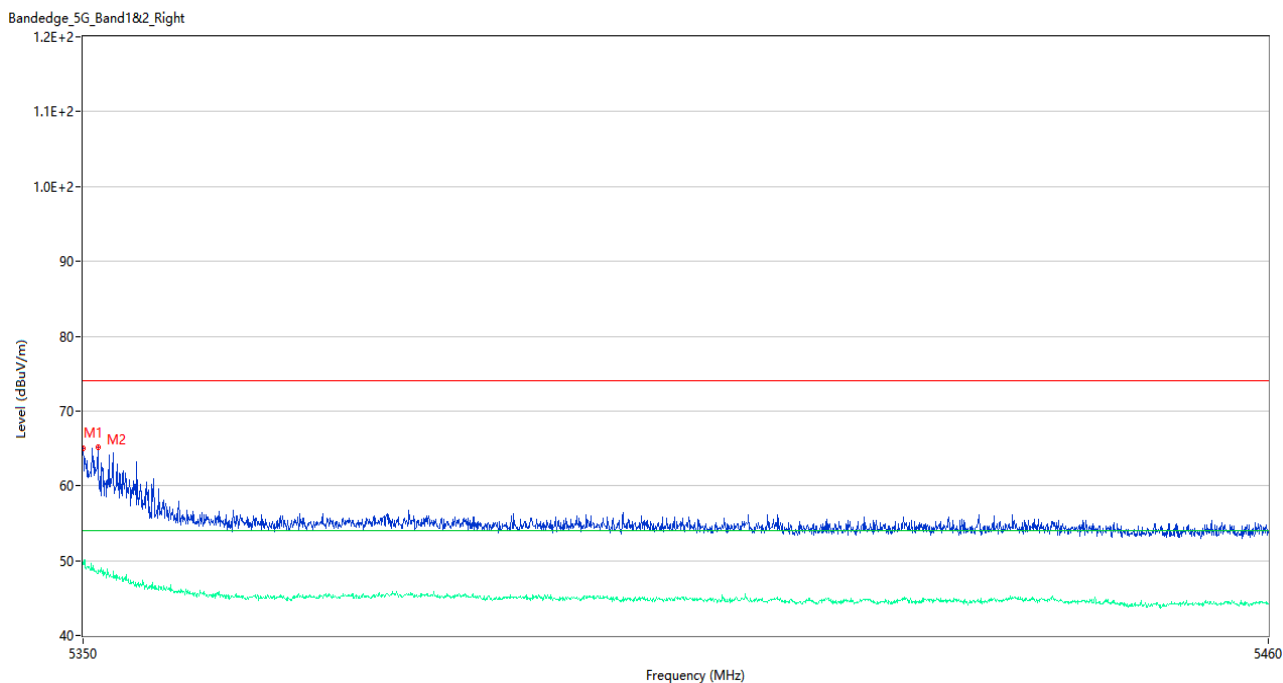
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	60.67	3.30	74.0	13.33	Peak	11.00	200	Horizontal	Pass
1**	5350.055	49.57	3.30	54.0	4.43	AV	11.00	200	Horizontal	Pass
2	5350.495	62.46	3.14	74.0	11.54	Peak	217.00	100	Horizontal	Pass
2**	5350.495	50.15	3.14	54.0	3.85	AV	217.00	100	Horizontal	Pass

U-NII-2A 11a Low Channel



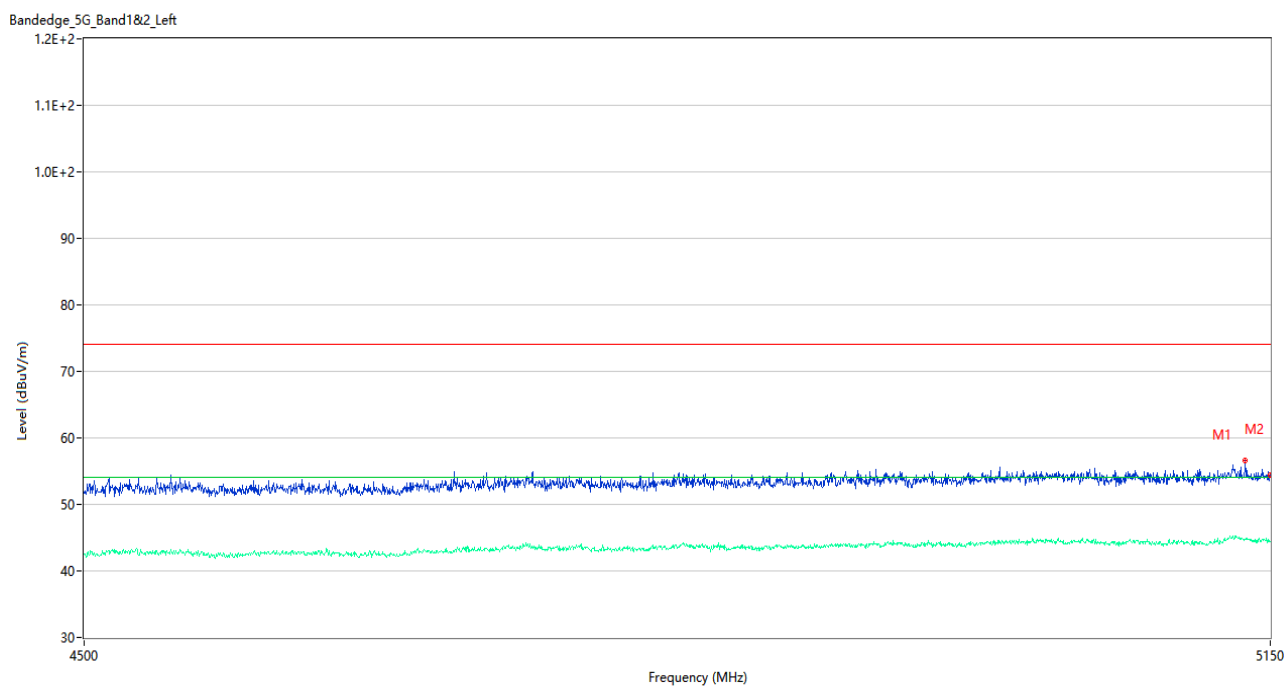
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5128.225	56.37	3.51	74.0	17.63	Peak	230.00	150	Horizontal	Pass
1**	5128.225	45.03	3.51	54.0	8.97	AV	230.00	150	Horizontal	Pass
2	5150.000	54.68	2.86	74.0	19.32	Peak	161.00	200	Horizontal	Pass
2**	5150.000	44.48	2.86	54.0	9.52	AV	161.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



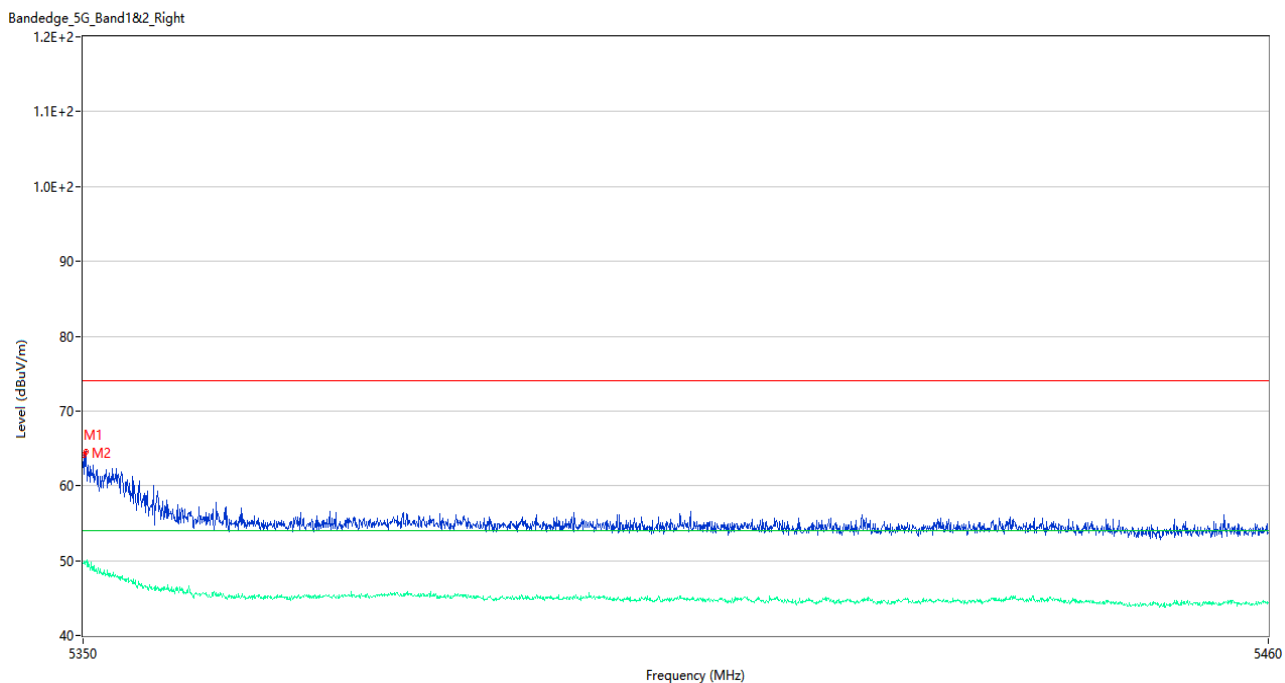
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.97	3.32	74.0	9.03	Peak	166.00	200	Horizontal	Pass
1**	5350.000	49.46	3.32	54.0	4.54	AV	166.00	200	Horizontal	Pass
2	5351.375	65.09	3.06	74.0	8.91	Peak	161.00	150	Horizontal	Pass
2**	5351.375	48.33	3.06	54.0	5.67	AV	161.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



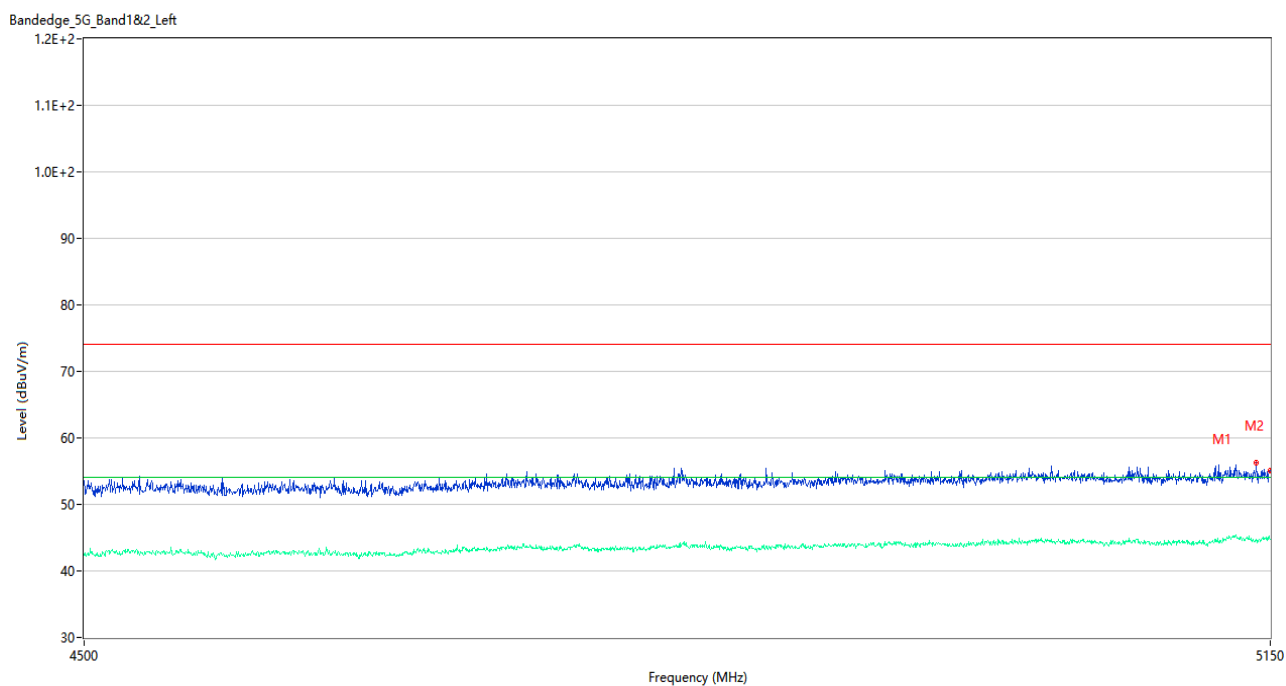
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5135.375	56.57	3.11	74.0	17.43	Peak	241.00	200	Horizontal	Pass
1**	5135.375	44.71	3.11	54.0	9.29	AV	241.00	200	Horizontal	Pass
2	5150.000	54.36	2.86	74.0	19.64	Peak	360.00	150	Horizontal	Pass
2**	5150.000	44.36	2.86	54.0	9.64	AV	360.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



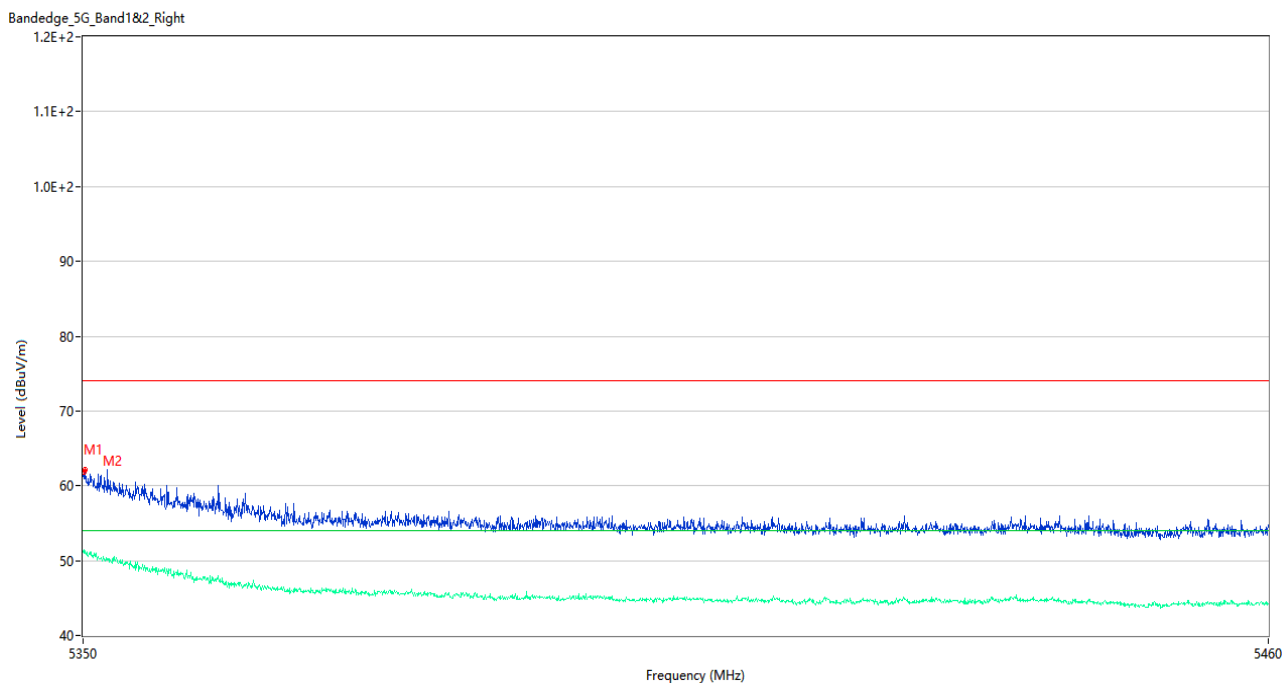
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	64.11	3.30	74.0	9.89	Peak	140.00	100	Horizontal	Pass
1**	5350.055	49.65	3.30	54.0	4.35	AV	140.00	100	Horizontal	Pass
2	5350.275	64.58	3.20	74.0	9.42	Peak	165.00	200	Horizontal	Pass
2**	5350.275	49.92	3.20	54.0	4.08	AV	165.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



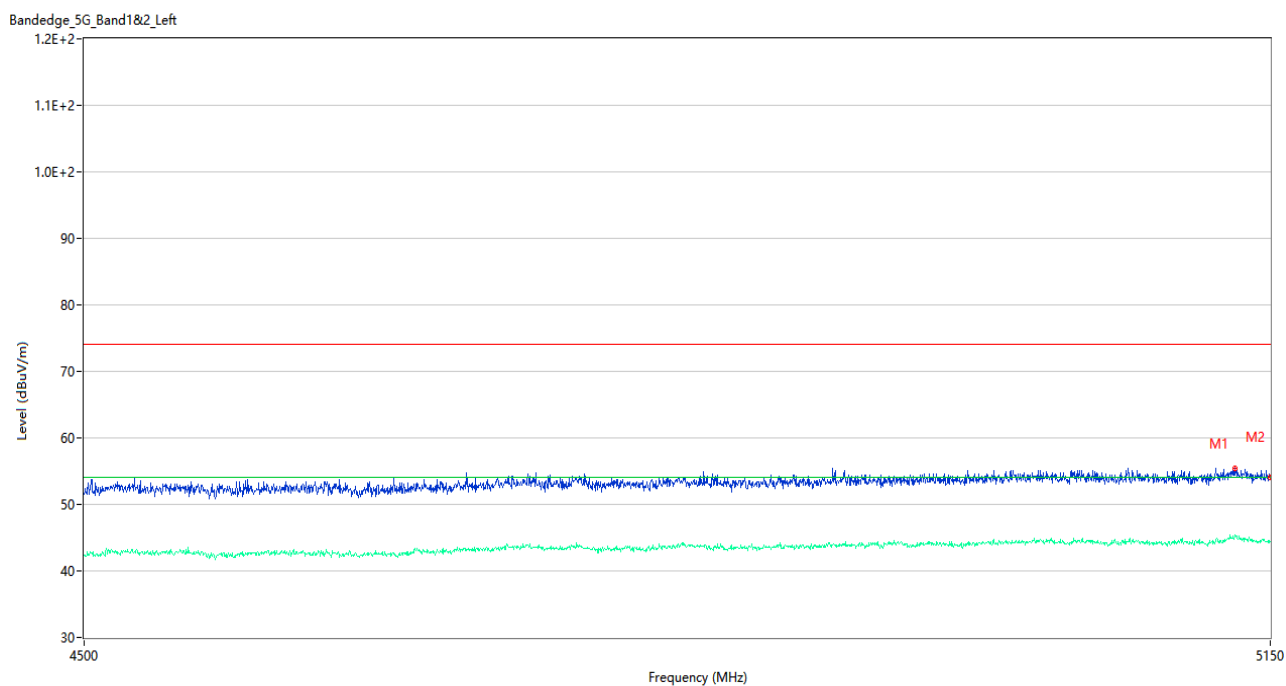
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.875	56.20	2.78	74.0	17.80	Peak	11.00	100	Horizontal	Pass
1**	5141.875	44.65	2.78	54.0	9.35	AV	11.00	100	Horizontal	Pass
2	5150.000	55.14	2.86	74.0	18.86	Peak	0.00	100	Horizontal	Pass
2**	5150.000	44.66	2.86	54.0	9.34	AV	0.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



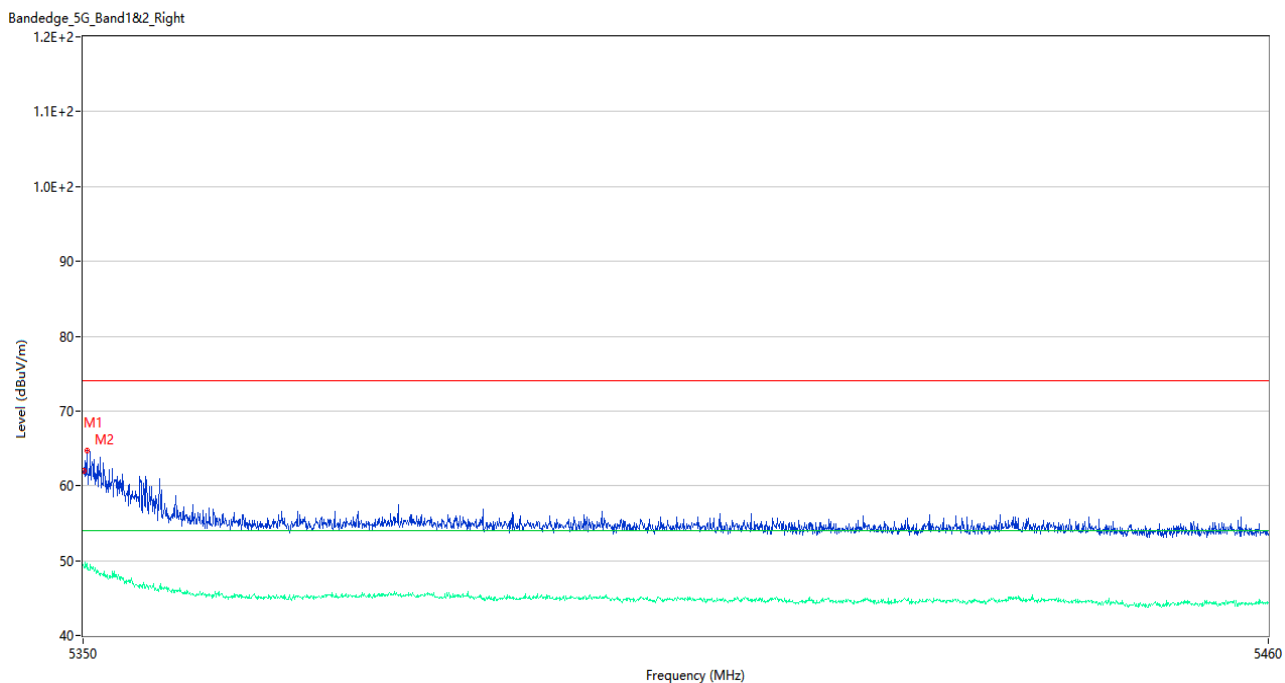
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.91	3.30	74.0	12.09	Peak	130.00	200	Horizontal	Pass
1**	5350.055	50.91	3.30	54.0	3.09	AV	130.00	200	Horizontal	Pass
2	5350.220	62.20	3.22	74.0	11.80	Peak	167.00	100	Horizontal	Pass
2**	5350.220	50.81	3.22	54.0	3.19	AV	167.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



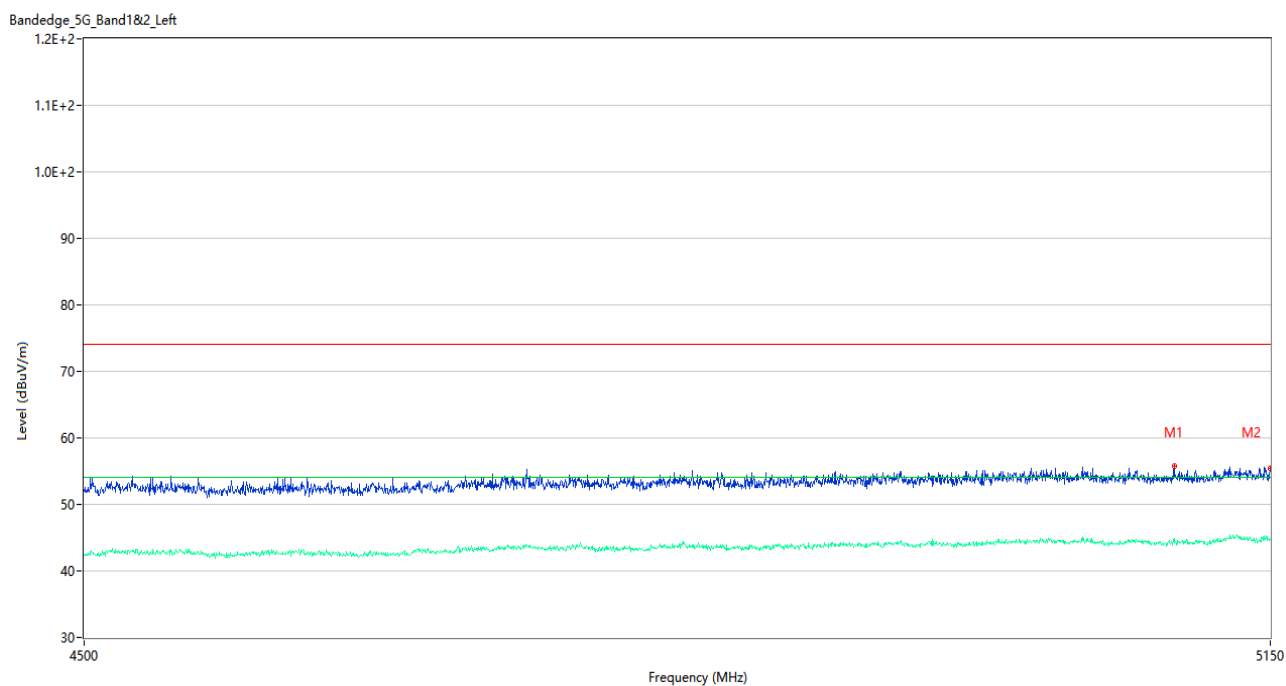
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5129.200	55.41	3.34	74.0	18.59	Peak	39.00	200	Horizontal	Pass
1**	5129.200	45.10	3.34	54.0	8.90	AV	39.00	200	Horizontal	Pass
2	5150.000	54.13	2.86	74.0	19.87	Peak	163.00	200	Horizontal	Pass
2**	5150.000	44.37	2.86	54.0	9.63	AV	163.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



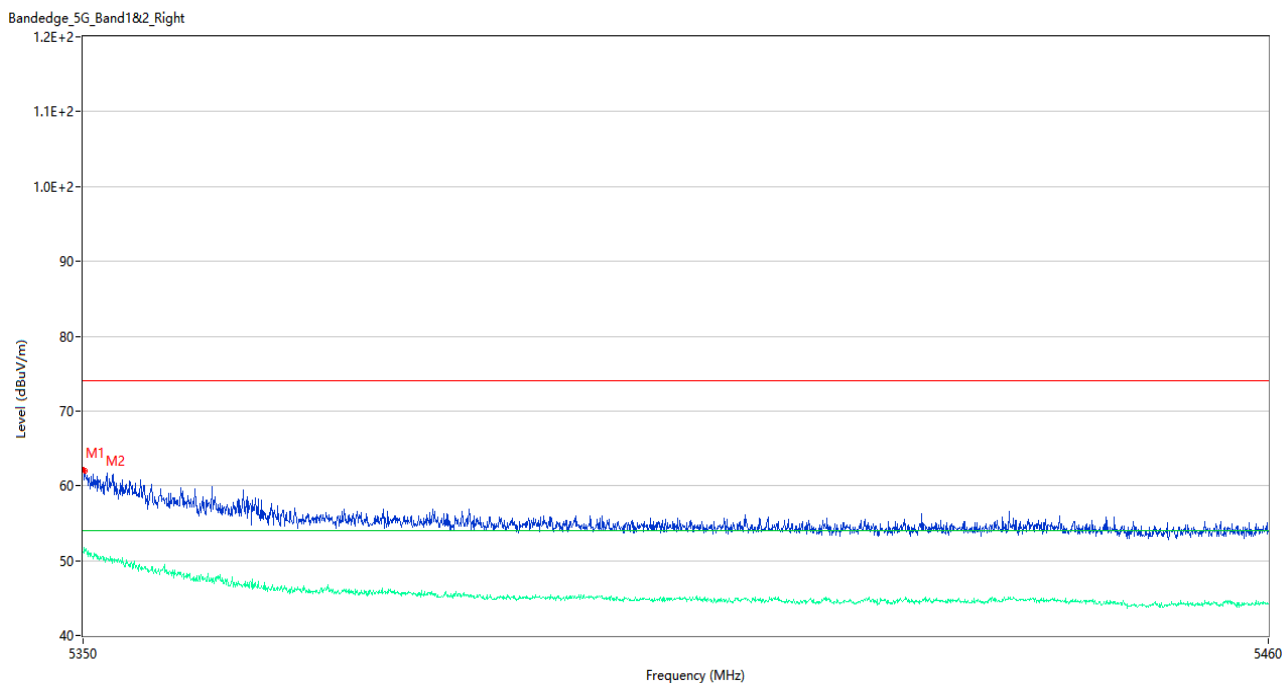
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	62.05	3.30	74.0	11.95	Peak	162.00	200	Horizontal	Pass
1**	5350.055	49.10	3.30	54.0	4.90	AV	162.00	200	Horizontal	Pass
2	5350.330	64.67	3.17	74.0	9.33	Peak	143.00	150	Horizontal	Pass
2**	5350.330	48.90	3.17	54.0	5.10	AV	143.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



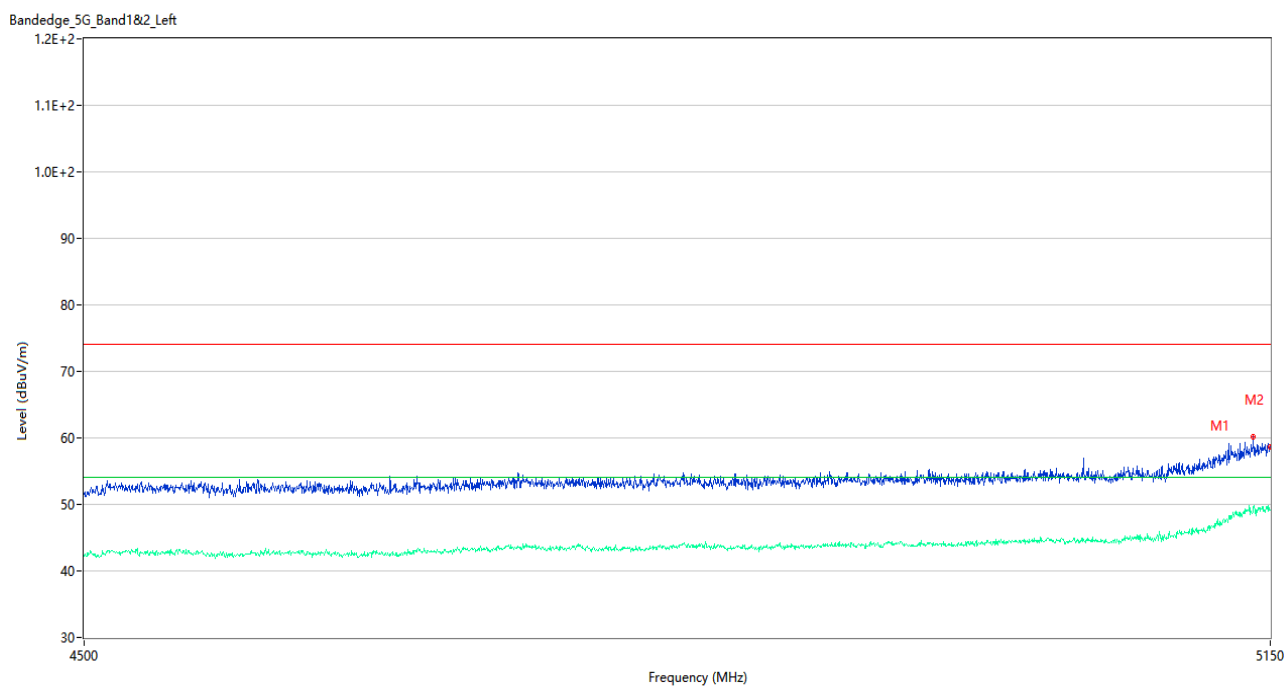
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5094.100	55.84	2.70	74.0	18.16	Peak	213.00	150	Horizontal	Pass
1**	5094.100	44.84	2.70	54.0	9.16	AV	213.00	150	Horizontal	Pass
2	5150.000	55.36	2.86	74.0	18.64	Peak	217.00	200	Horizontal	Pass
2**	5150.000	44.81	2.86	54.0	9.19	AV	217.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



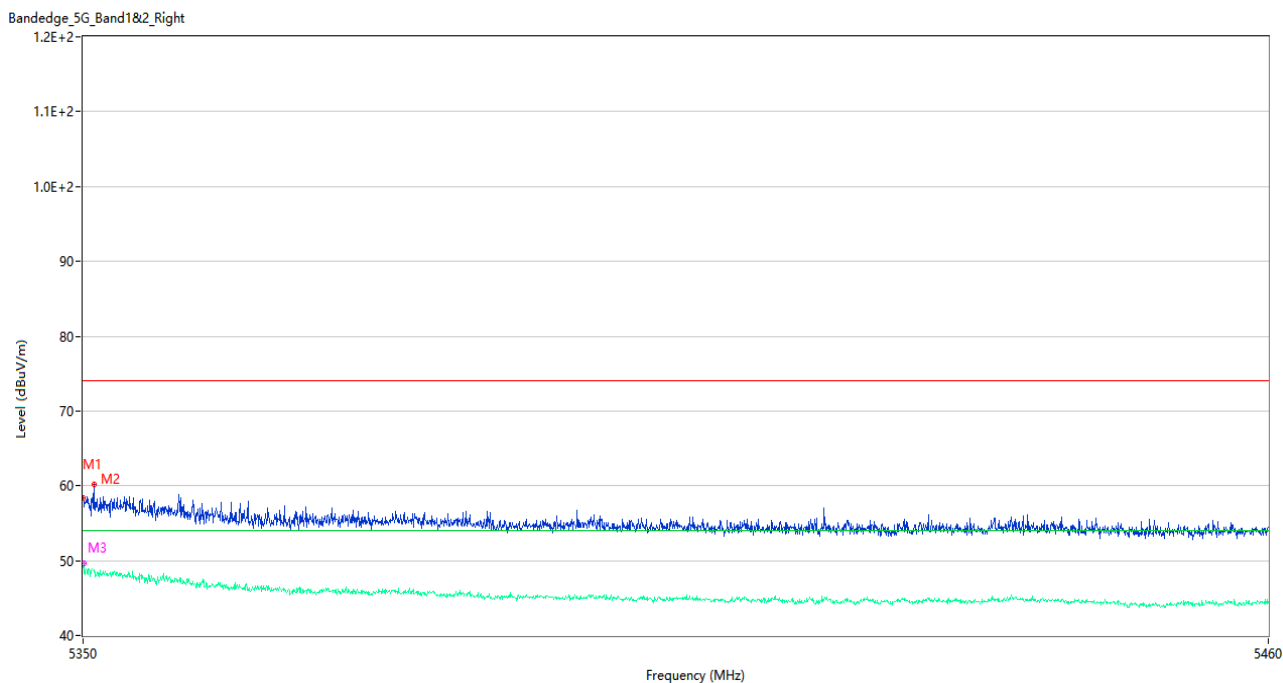
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.13	3.32	74.0	11.87	Peak	146.00	100	Horizontal	Pass
1**	5350.000	50.87	3.32	54.0	3.13	AV	146.00	100	Horizontal	Pass
2	5350.165	62.05	3.25	74.0	11.95	Peak	159.00	100	Horizontal	Pass
2**	5350.165	50.97	3.25	54.0	3.03	AV	159.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



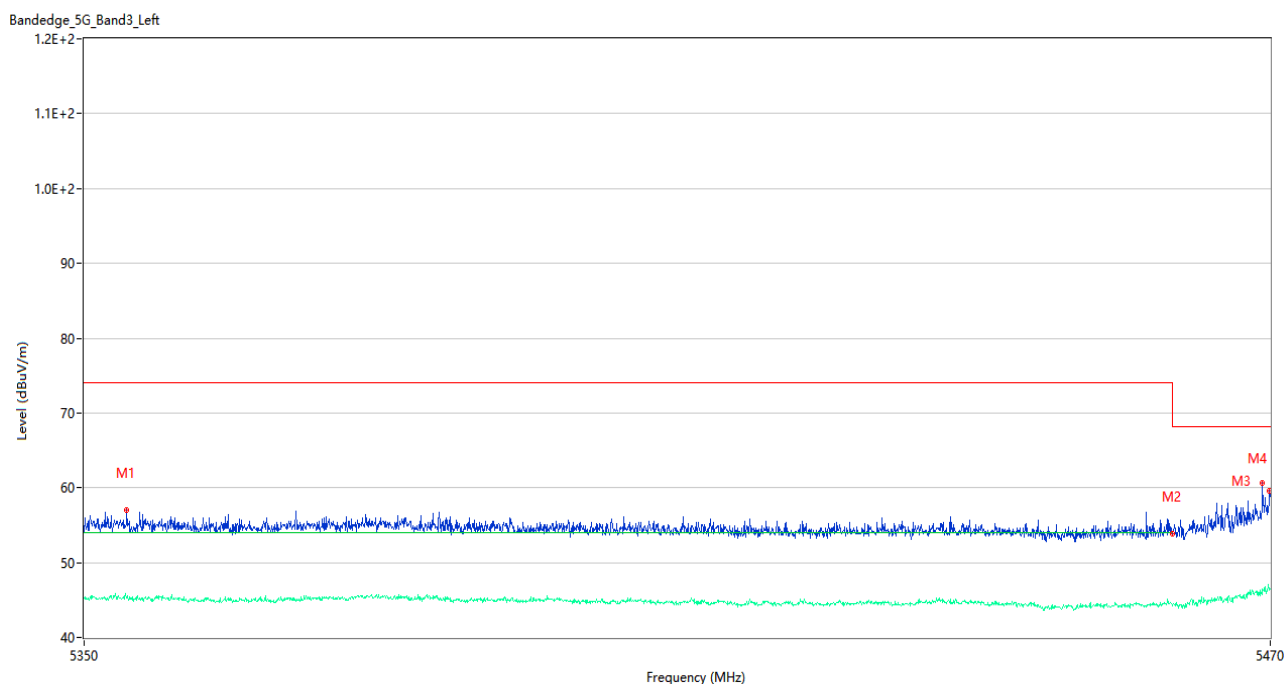
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.250	60.15	2.94	74.0	13.85	Peak	200.00	200	Horizontal	Pass
1**	5140.250	49.63	2.94	54.0	4.37	AV	200.00	200	Horizontal	Pass
2	5150.000	58.72	2.86	74.0	15.28	Peak	200.00	150	Horizontal	Pass
2**	5150.000	49.22	2.86	54.0	4.78	AV	200.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



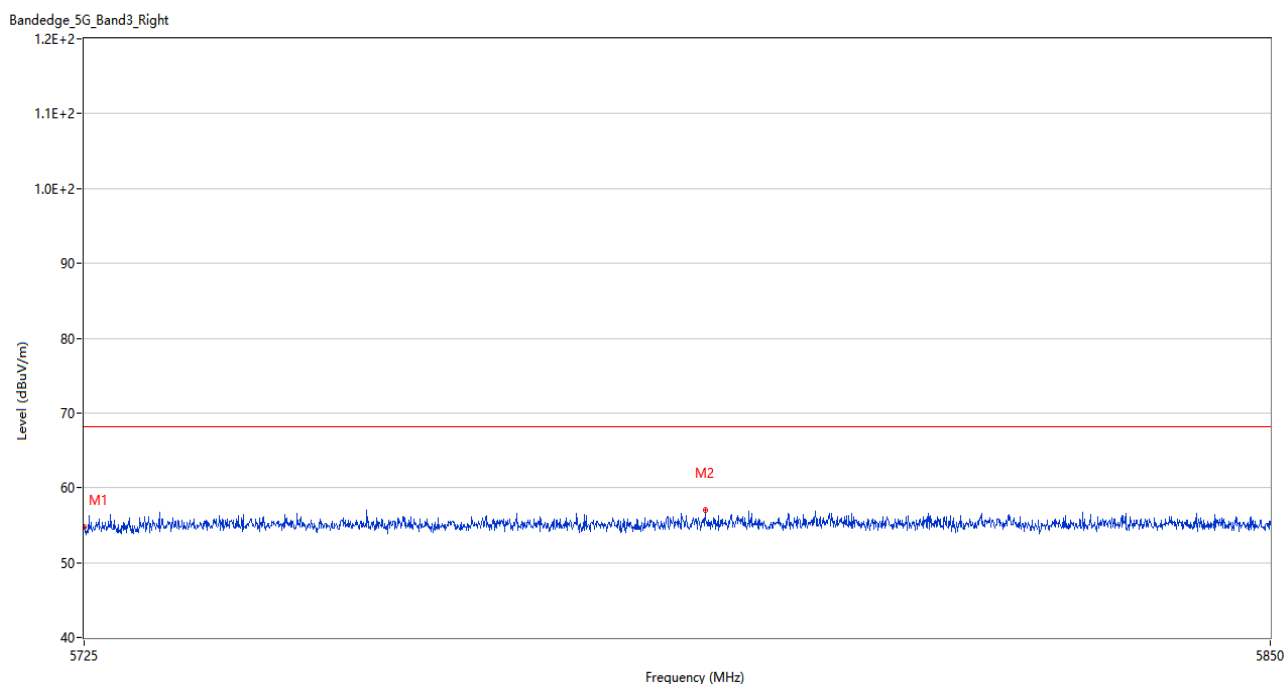
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.43	3.32	74.0	15.57	Peak	153.00	100	Horizontal	Pass
1**	5350.000	49.09	3.32	54.0	4.91	AV	153.00	100	Horizontal	Pass
2	5350.990	60.17	3.20	74.0	13.83	Peak	162.00	150	Horizontal	Pass
2**	5350.990	48.78	3.20	54.0	5.22	AV	162.00	150	Horizontal	Pass
3	5350.055	57.67	3.30	74.0	16.33	Peak	167.00	150	Horizontal	Pass
3**	5350.055	49.61	3.30	54.0	4.39	AV	167.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



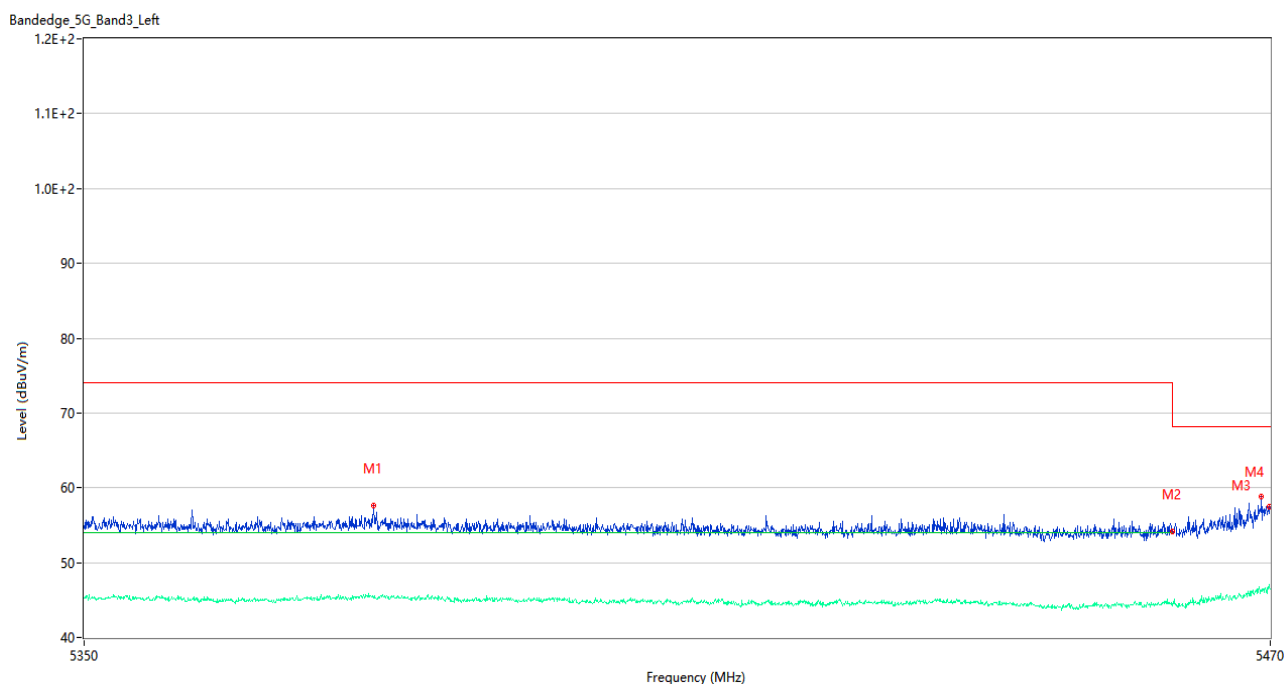
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5354.260	56.96	3.12	74.0	17.04	Peak	350.00	150	Horizontal	Pass
1**	5354.260	45.33	3.12	54.0	8.67	AV	350.00	150	Horizontal	Pass
2	5459.980	53.79	3.49	74.0	20.21	Peak	182.00	100	Horizontal	Pass
2**	5459.980	44.36	3.49	54.0	9.64	AV	182.00	100	Horizontal	Pass
3	5469.220	60.71	3.21	68.2	7.49	Peak	155.00	150	Horizontal	Pass
3**	5469.220	46.43	3.21	--	--	AV	155.00	150	Horizontal	N/A
4	5469.940	59.55	3.29	68.2	8.65	Peak	152.00	150	Horizontal	Pass
4**	5469.940	46.30	3.29	--	--	AV	152.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



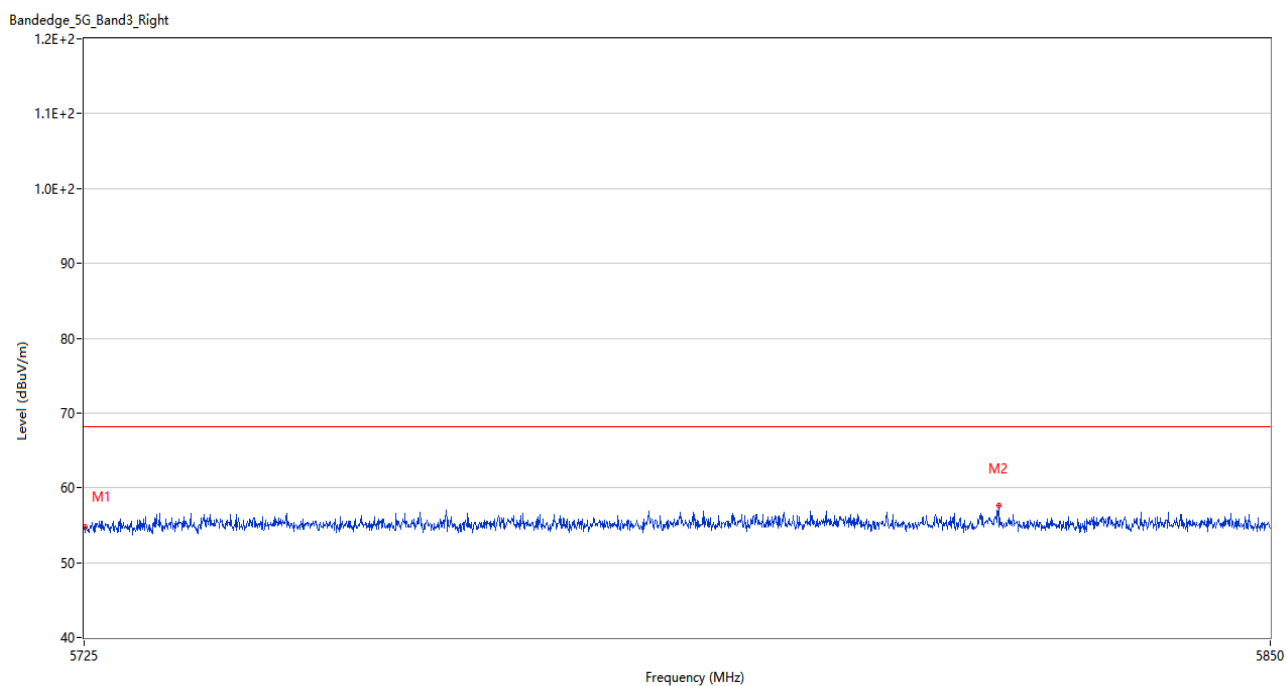
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.73	3.51	68.2	13.47	Peak	280.00	200	Horizontal	Pass
2	5790.125	57.00	3.56	68.2	11.20	Peak	0.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



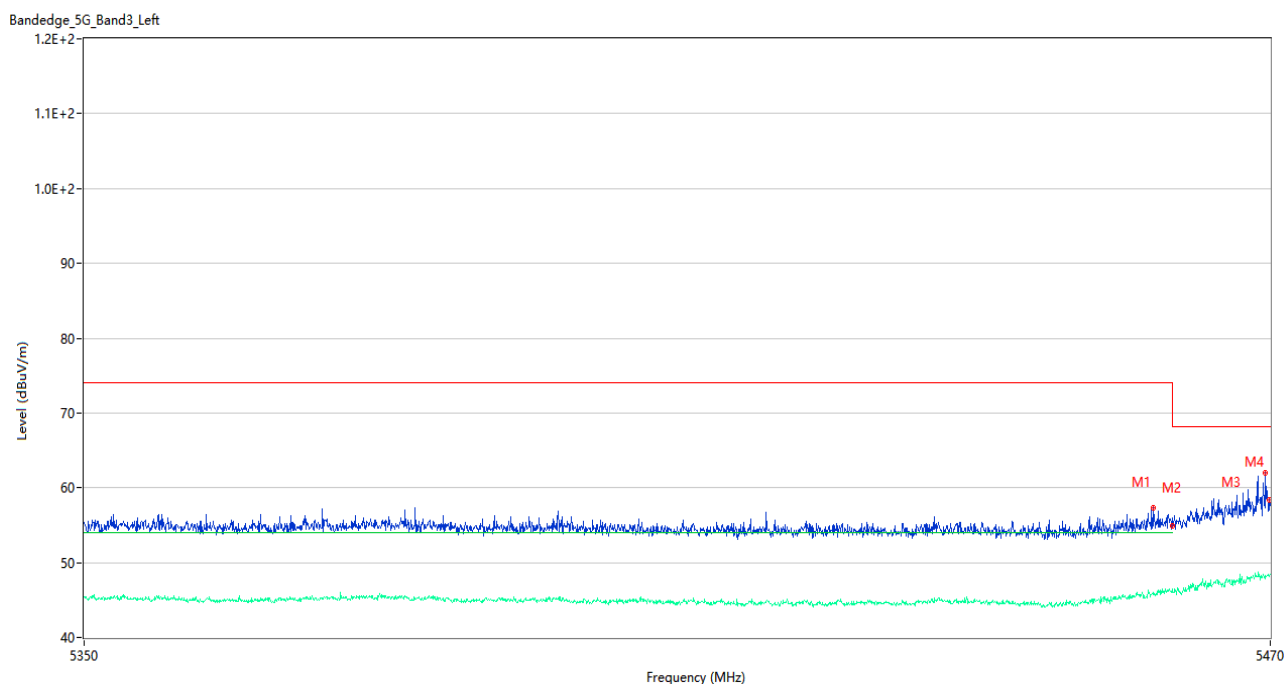
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5379.040	57.61	3.16	74.0	16.39	Peak	0.00	100	Horizontal	Pass
1**	5379.040	45.30	3.16	54.0	8.70	AV	0.00	100	Horizontal	Pass
2	5459.980	54.10	3.49	74.0	19.90	Peak	348.00	150	Horizontal	Pass
2**	5459.980	44.29	3.49	54.0	9.71	AV	348.00	150	Horizontal	Pass
3	5469.100	58.76	3.15	68.2	9.44	Peak	152.00	100	Horizontal	Pass
3**	5469.100	46.30	3.15	--	--	AV	152.00	100	Horizontal	N/A
4	5469.940	57.42	3.29	68.2	10.78	Peak	109.00	200	Horizontal	Pass
4**	5469.940	46.81	3.29	--	--	AV	109.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



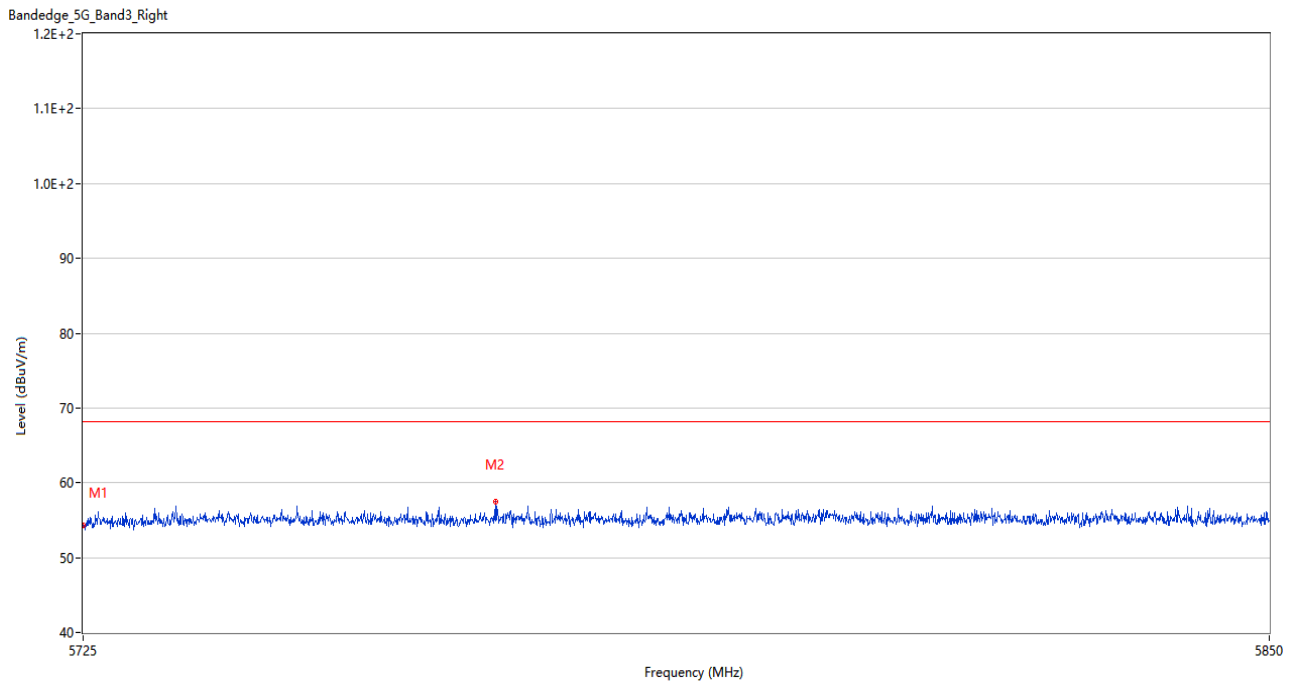
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	54.80	3.44	68.2	13.40	Peak	204.00	150	Horizontal	Pass
2	5821.125	57.60	3.64	68.2	10.60	Peak	169.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



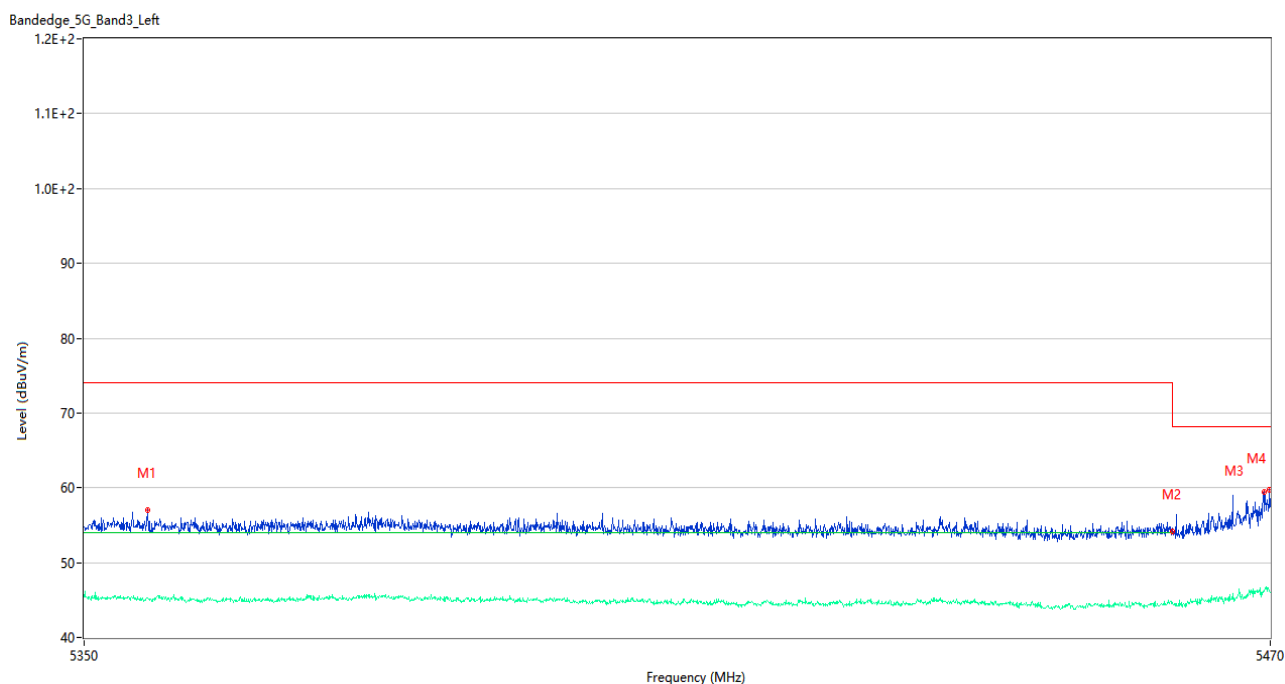
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.000	57.37	3.50	74.0	16.63	Peak	153.00	150	Horizontal	Pass
1**	5458.000	45.77	3.50	54.0	8.23	AV	153.00	150	Horizontal	Pass
2	5459.980	54.98	3.49	74.0	19.02	Peak	153.00	150	Horizontal	Pass
2**	5459.980	46.47	3.49	54.0	7.53	AV	153.00	150	Horizontal	Pass
3	5469.520	61.94	3.30	68.2	6.26	Peak	153.00	150	Horizontal	Pass
3**	5469.520	47.87	3.30	--	--	AV	153.00	150	Horizontal	N/A
4	5469.940	58.38	3.29	68.2	9.82	Peak	144.00	200	Horizontal	Pass
4**	5469.940	48.34	3.29	--	--	AV	144.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



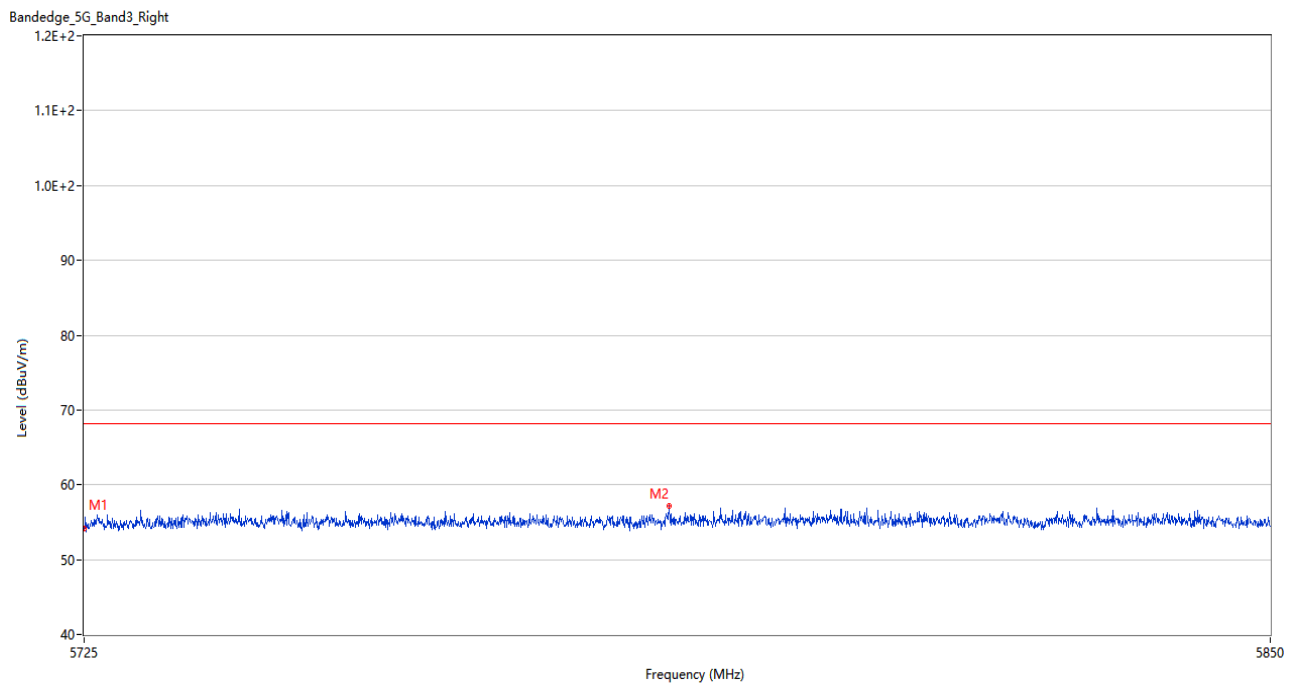
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.33	3.51	68.2	13.87	Peak	305.00	100	Horizontal	Pass
2	5768.125	57.43	3.59	68.2	10.77	Peak	111.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



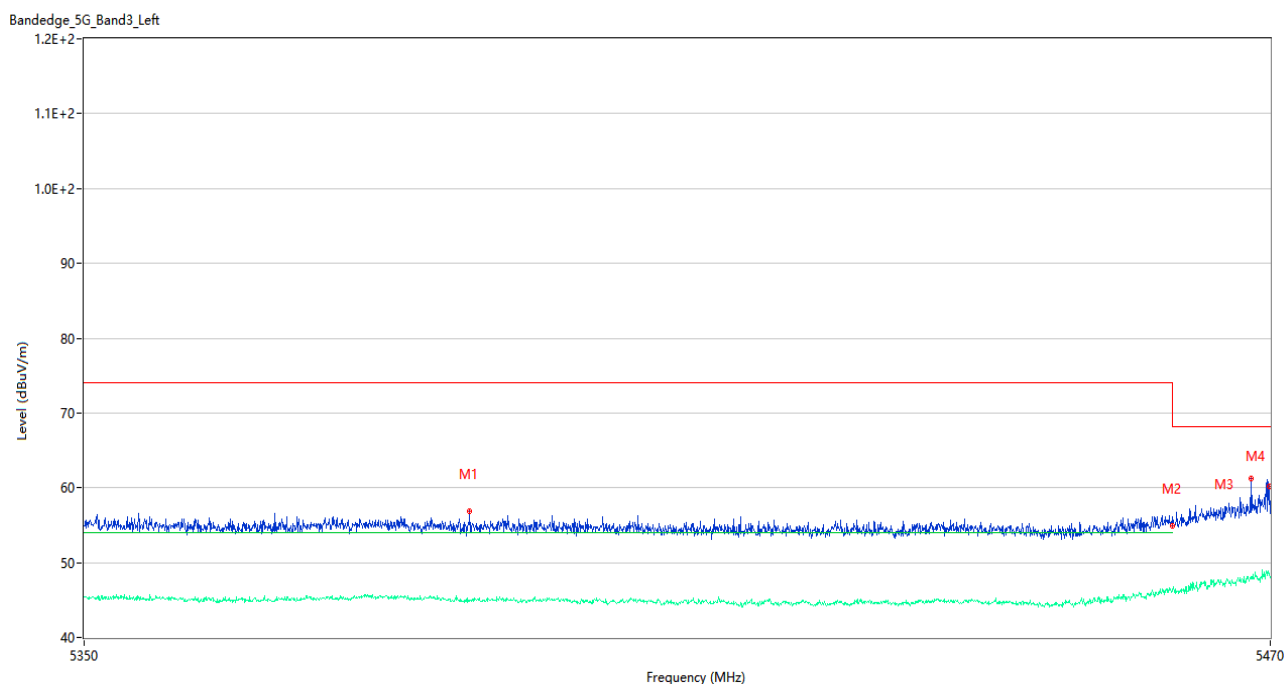
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5356.360	56.98	2.96	74.0	17.02	Peak	172.00	100	Horizontal	Pass
1**	5356.360	45.26	2.96	54.0	8.74	AV	172.00	100	Horizontal	Pass
2	5459.980	54.12	3.49	74.0	19.88	Peak	151.00	100	Horizontal	Pass
2**	5459.980	44.62	3.49	54.0	9.38	AV	151.00	100	Horizontal	Pass
3	5469.400	59.38	3.29	68.2	8.82	Peak	151.00	100	Horizontal	Pass
3**	5469.400	46.24	3.29	--	--	AV	151.00	100	Horizontal	N/A
4	5469.940	59.69	3.29	68.2	8.51	Peak	160.00	200	Horizontal	Pass
4**	5469.940	46.24	3.29	--	--	AV	160.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



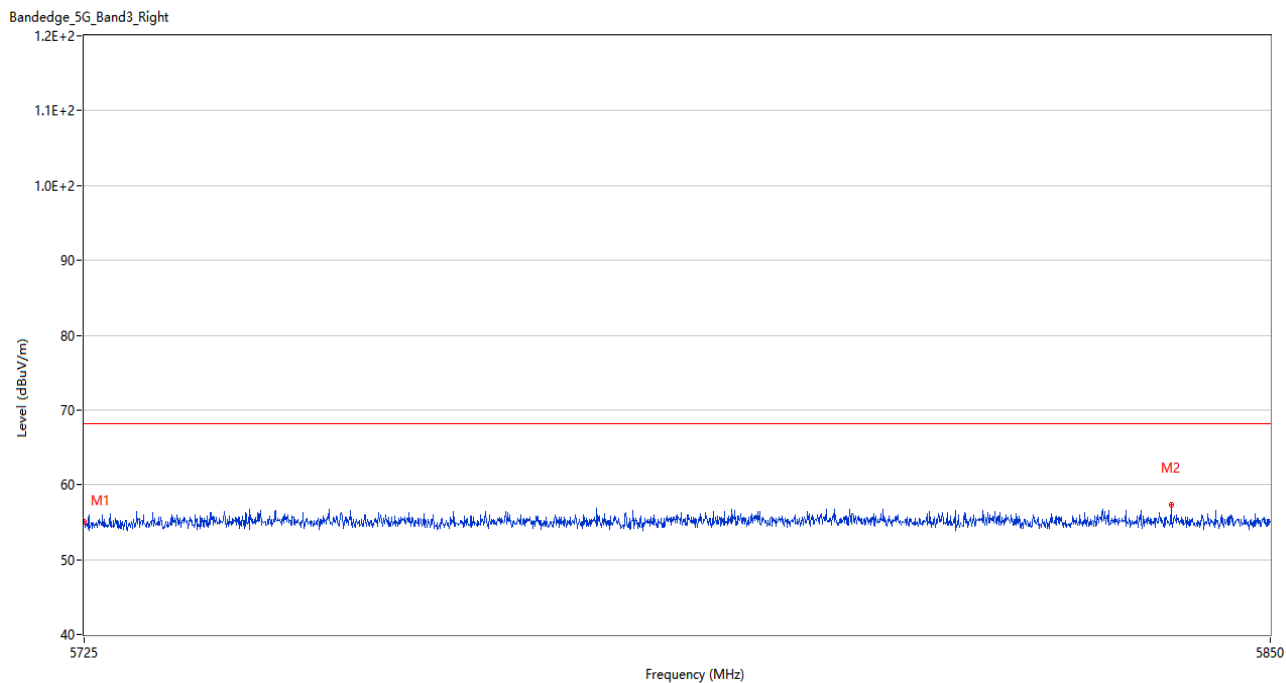
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.22	3.51	68.2	13.98	Peak	106.00	100	Horizontal	Pass
2	5786.313	57.25	3.57	68.2	10.95	Peak	94.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



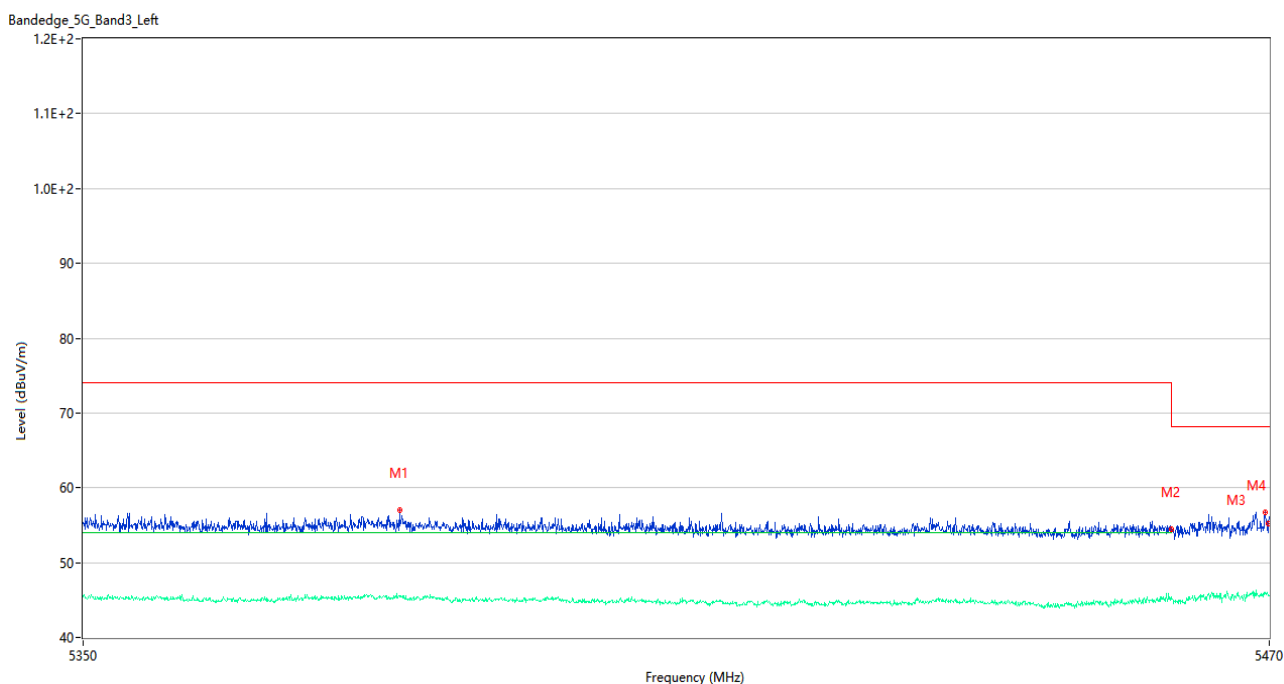
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5388.700	56.86	2.89	74.0	17.14	Peak	241.00	200	Horizontal	Pass
1**	5388.700	44.98	2.89	54.0	9.02	AV	241.00	200	Horizontal	Pass
2	5459.980	54.87	3.49	74.0	19.13	Peak	152.00	100	Horizontal	Pass
2**	5459.980	46.24	3.49	54.0	7.76	AV	152.00	100	Horizontal	Pass
3	5468.080	61.20	3.31	68.2	7.00	Peak	162.00	150	Horizontal	Pass
3**	5468.080	47.77	3.31	--	--	AV	162.00	150	Horizontal	N/A
4	5469.940	60.13	3.29	68.2	8.07	Peak	135.00	200	Horizontal	Pass
4**	5469.940	48.52	3.29	--	--	AV	135.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



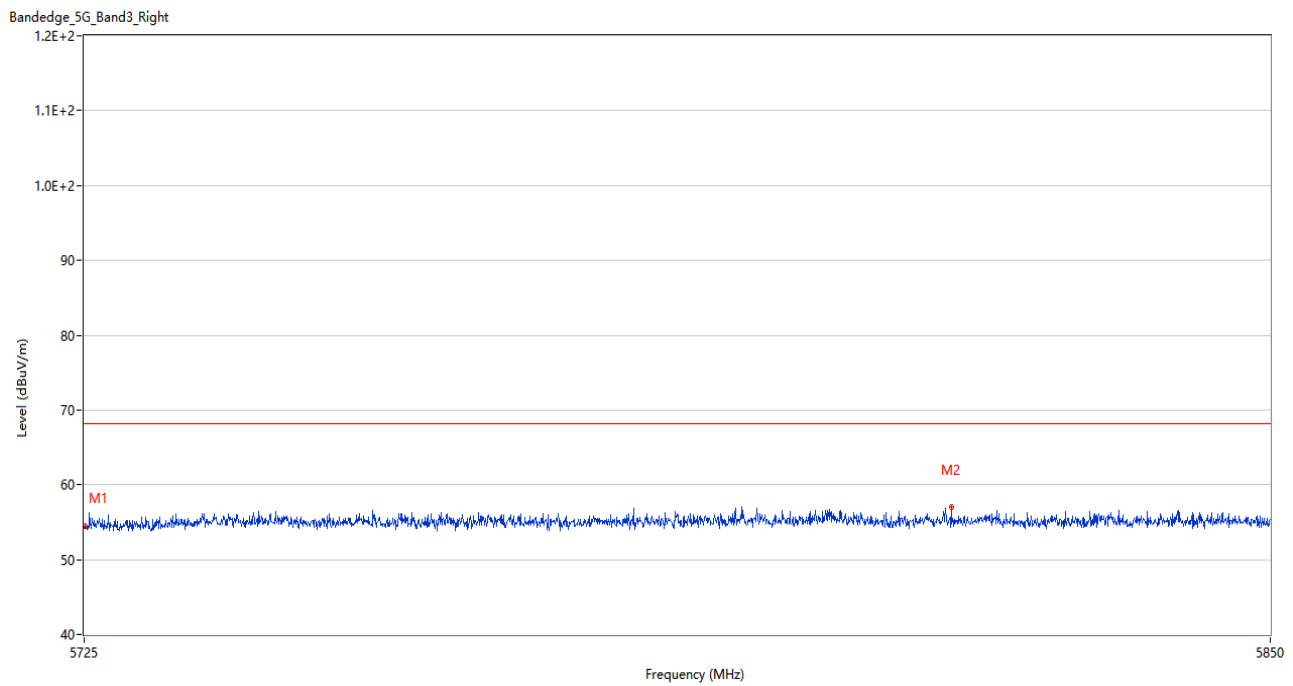
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.14	3.51	68.2	13.06	Peak	68.00	100	Horizontal	Pass
2	5839.437	57.31	3.38	68.2	10.89	Peak	347.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



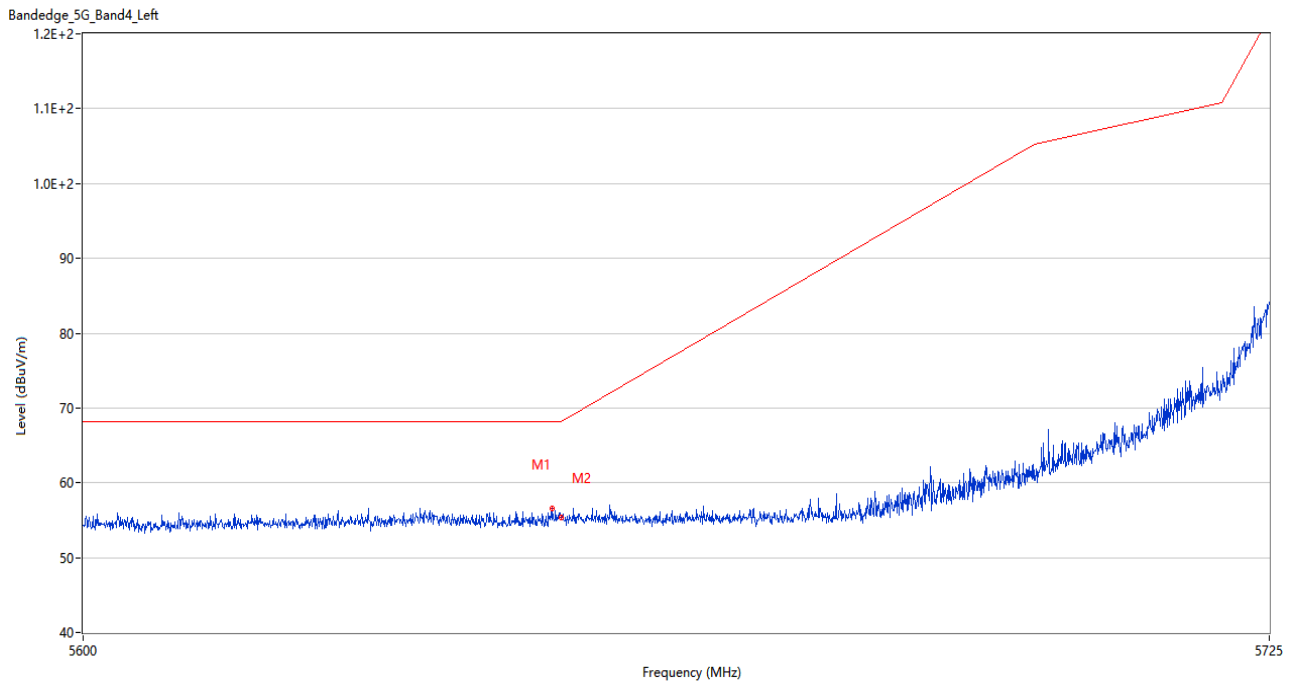
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5381.740	56.98	3.16	74.0	17.02	Peak	21.00	150	Horizontal	Pass
1**	5381.740	45.40	3.16	54.0	8.60	AV	21.00	150	Horizontal	Pass
2	5459.980	54.42	3.49	74.0	19.58	Peak	156.00	100	Horizontal	Pass
2**	5459.980	45.05	3.49	54.0	8.95	AV	156.00	100	Horizontal	Pass
3	5469.580	56.74	3.29	68.2	11.46	Peak	133.00	150	Horizontal	Pass
3**	5469.580	46.07	3.29	--	--	AV	133.00	150	Horizontal	N/A
4	5469.940	55.15	3.29	68.2	13.05	Peak	138.00	200	Horizontal	Pass
4**	5469.940	45.75	3.29	--	--	AV	138.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel



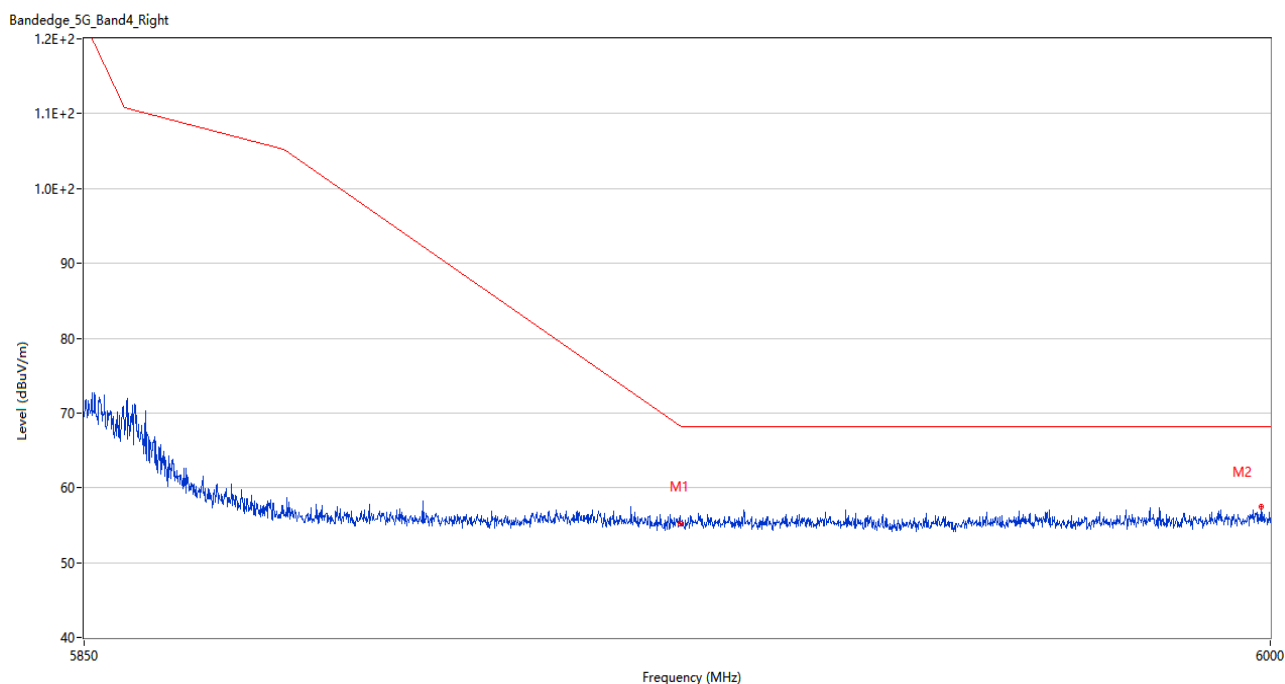
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	54.39	3.44	68.2	13.81	Peak	170.00	100	Horizontal	Pass
2	5816.125	57.07	3.34	68.2	11.13	Peak	177.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



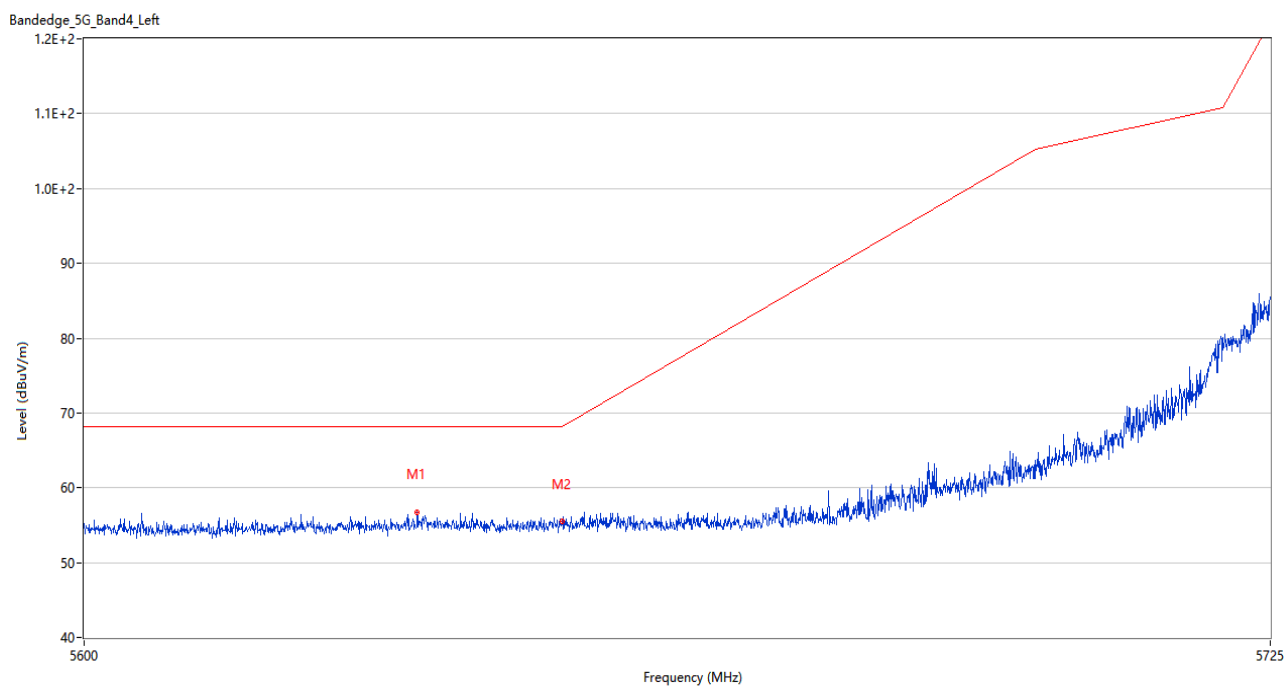
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.125	56.56	3.64	68.2	11.64	Peak	242.00	100	Horizontal	Pass
2	5650.000	55.29	3.72	68.2	12.91	Peak	247.00	200	Horizontal	Pass

U-NII-3 11a High Channel



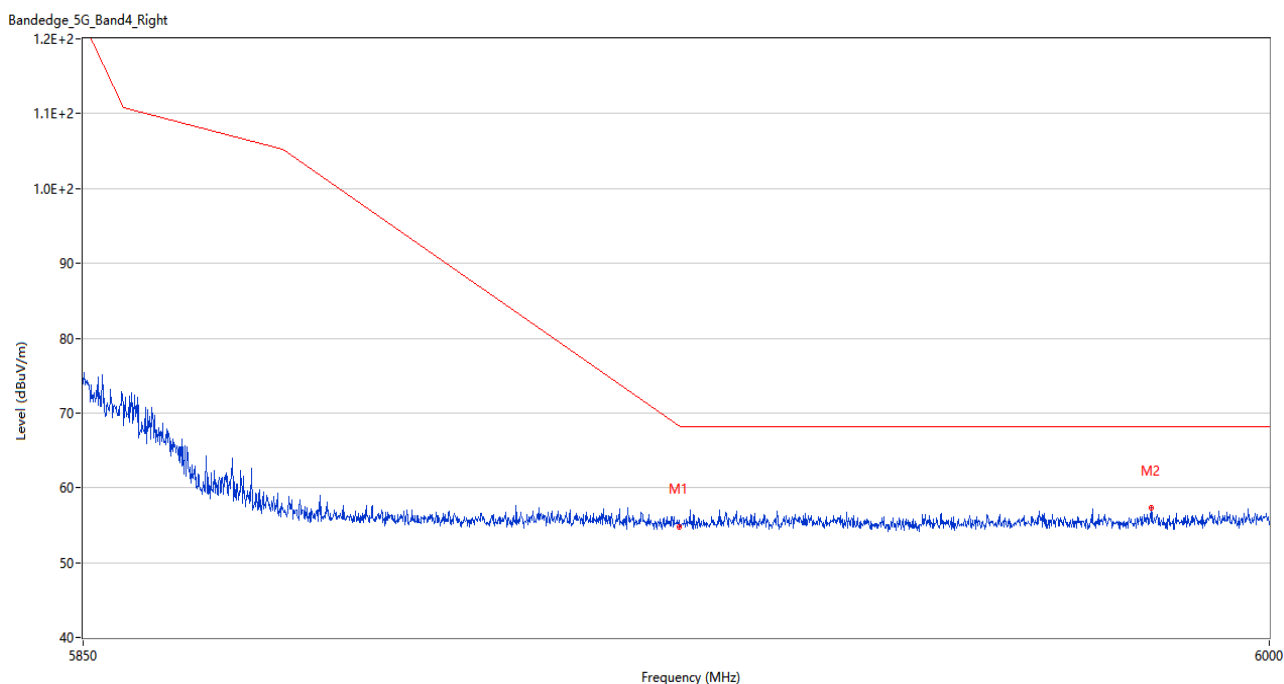
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.22	3.42	68.3	13.08	Peak	99.00	100	Horizontal	Pass
2	5998.875	57.44	5.00	68.2	10.76	Peak	19.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



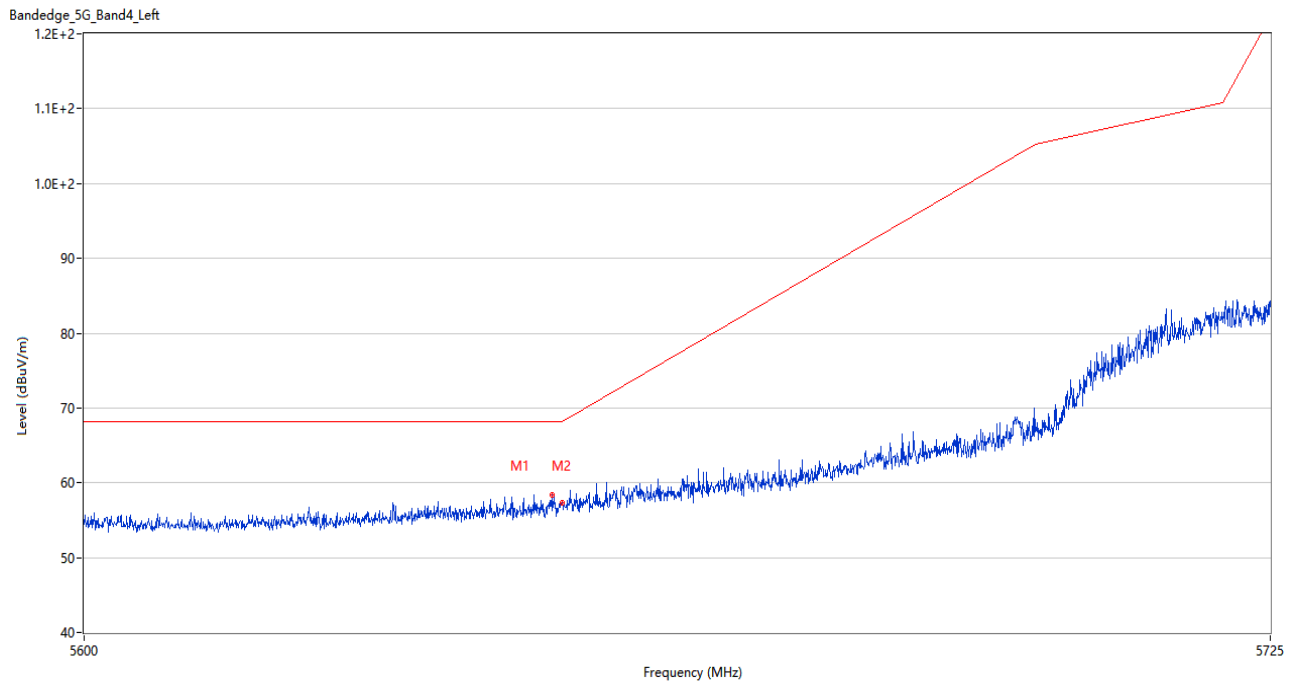
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.812	56.77	3.62	68.2	11.43	Peak	229.00	200	Horizontal	Pass
2	5650.000	55.51	3.72	68.2	12.69	Peak	220.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



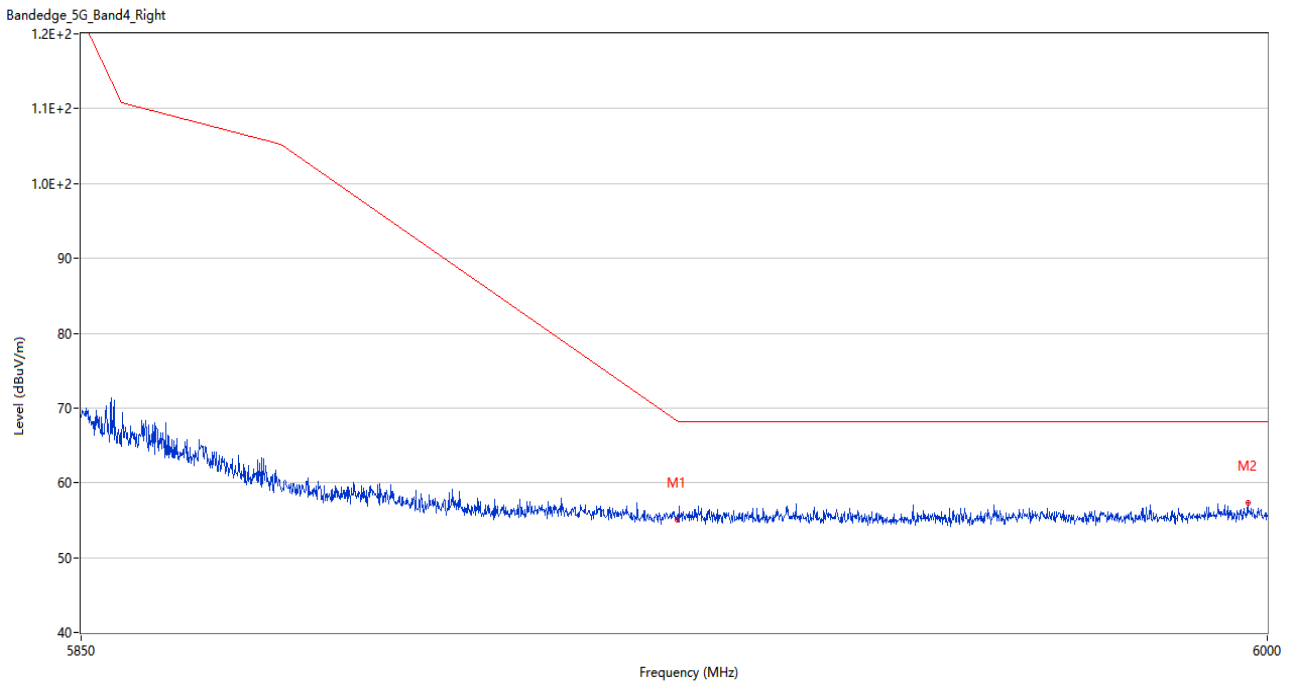
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.83	3.42	68.3	13.47	Peak	302.00	150	Horizontal	Pass
2	5984.850	57.29	4.41	68.2	10.91	Peak	261.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



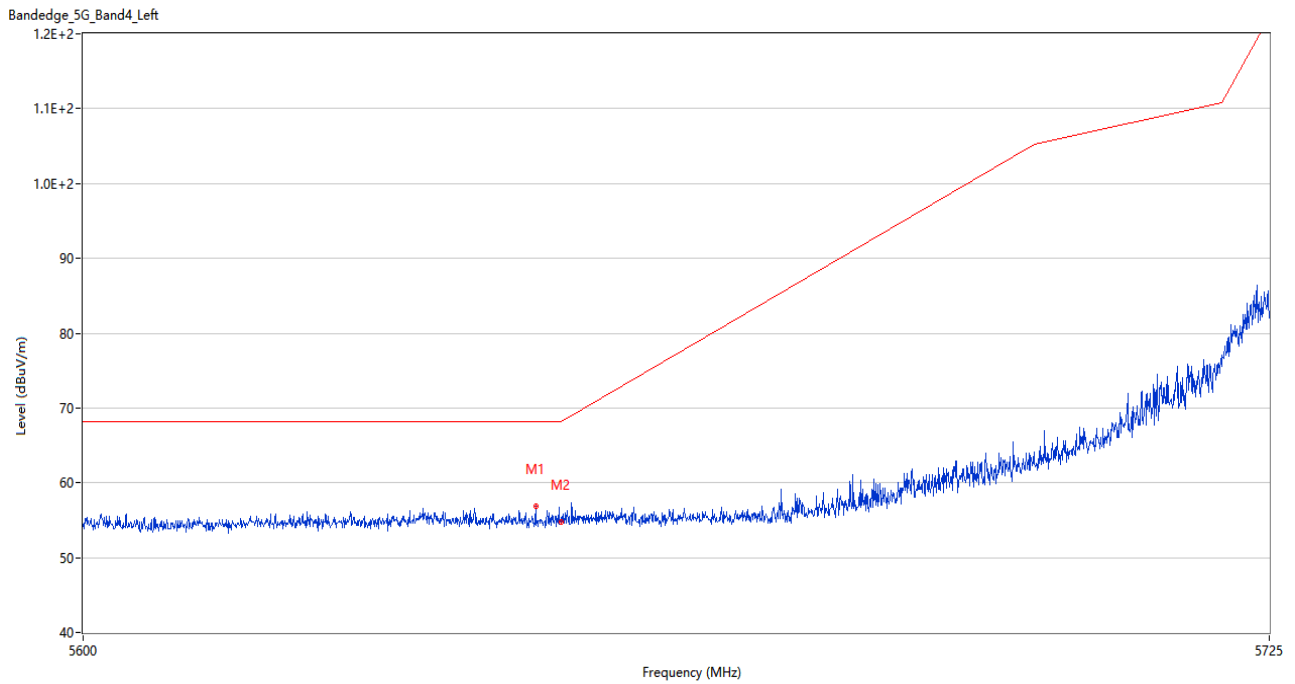
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.937	58.38	3.58	68.2	9.82	Peak	180.00	150	Horizontal	Pass
2	5650.000	57.37	3.72	68.2	10.83	Peak	197.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



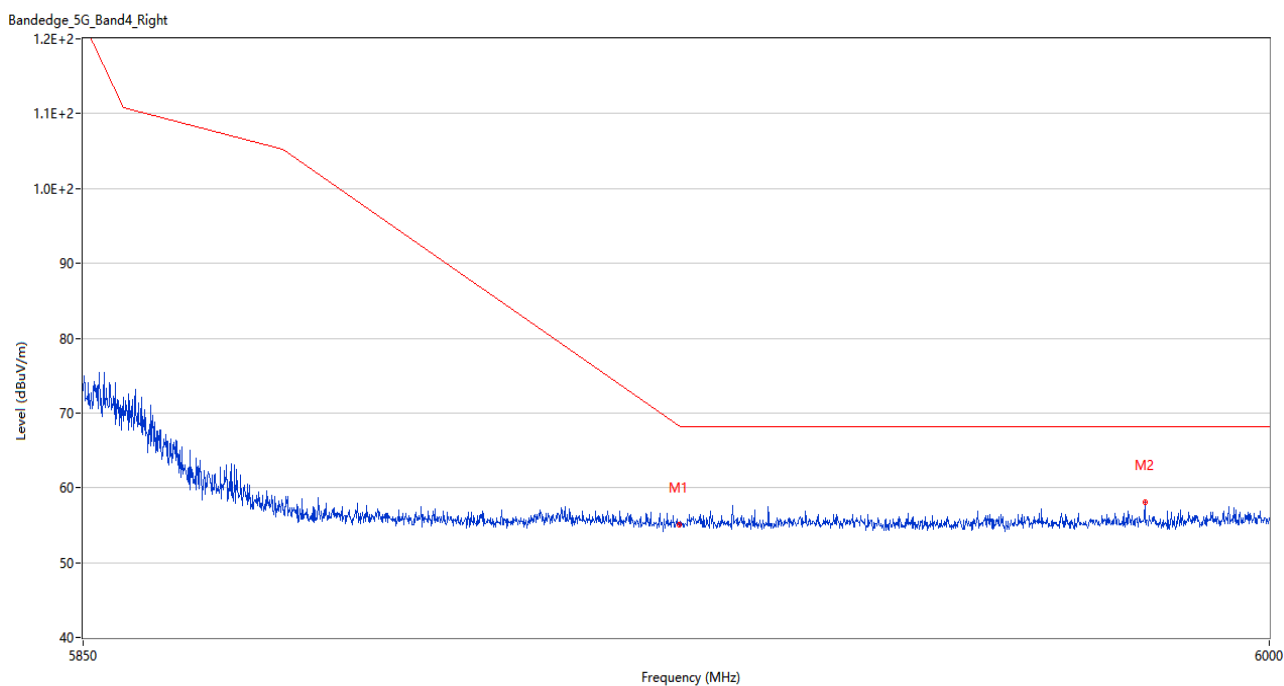
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.04	3.42	68.3	13.26	Peak	206.00	100	Horizontal	Pass
2	5997.525	57.30	4.98	68.2	10.90	Peak	360.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



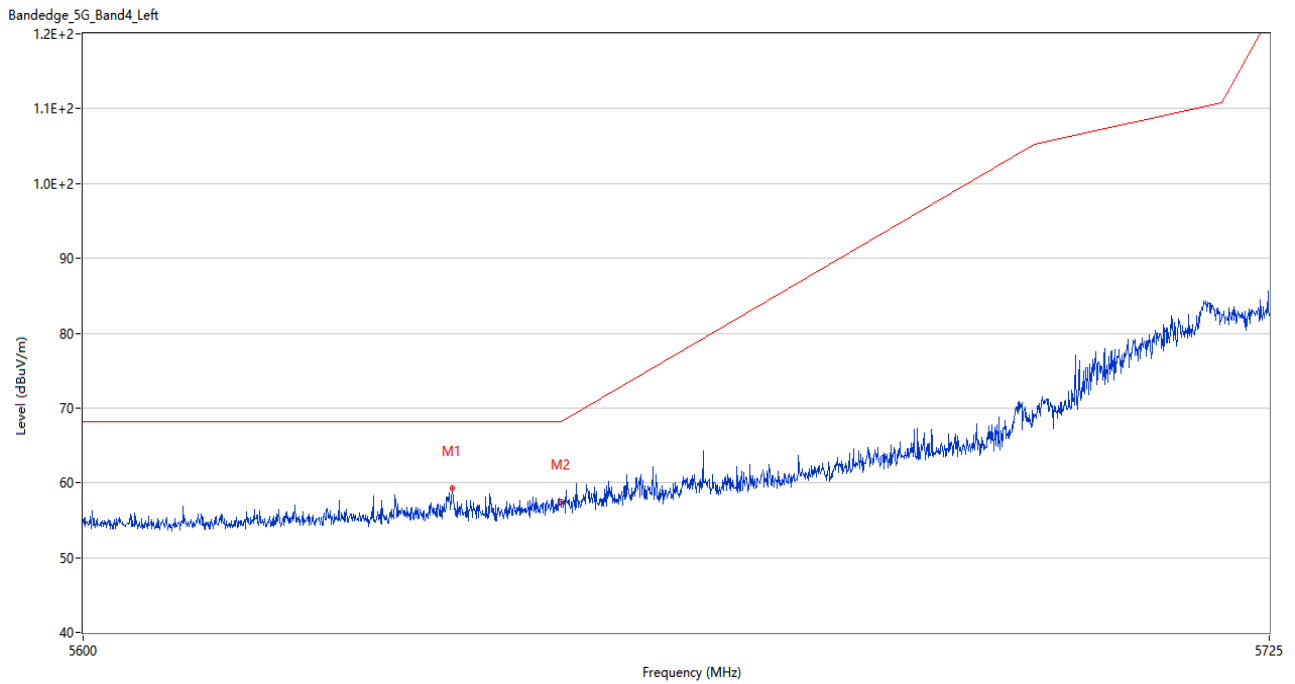
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.375	56.88	3.34	68.2	11.32	Peak	360.00	100	Horizontal	Pass
2	5650.000	54.80	3.72	68.2	13.40	Peak	360.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



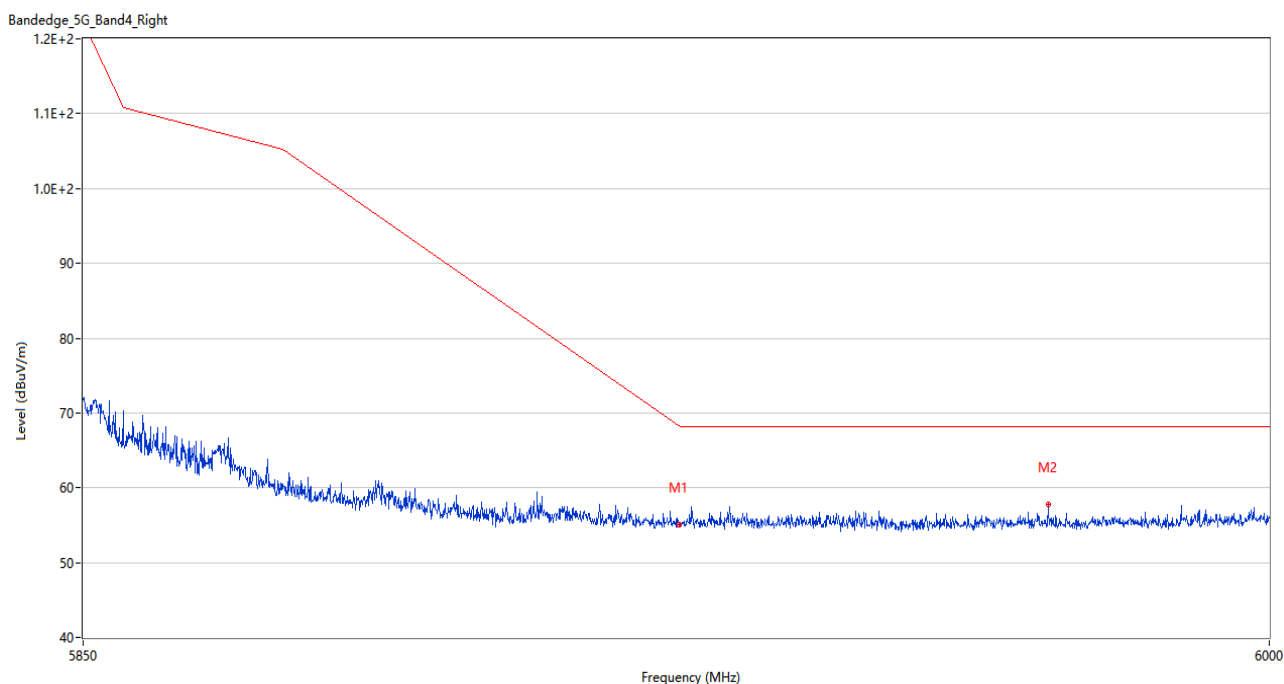
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.10	3.42	68.3	13.20	Peak	237.00	200	Horizontal	Pass
2	5984.100	58.04	4.26	68.2	10.16	Peak	295.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



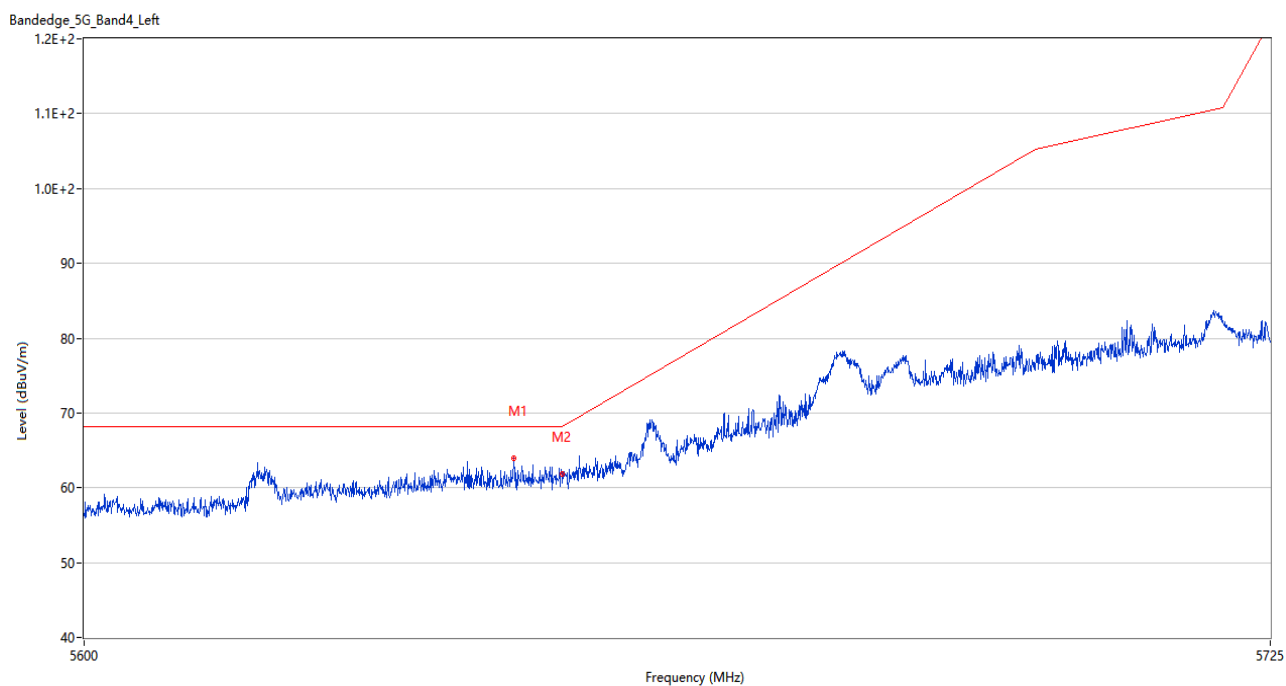
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.562	59.29	3.61	68.2	8.91	Peak	198.00	100	Horizontal	Pass
2	5650.000	57.52	3.72	68.2	10.68	Peak	207.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



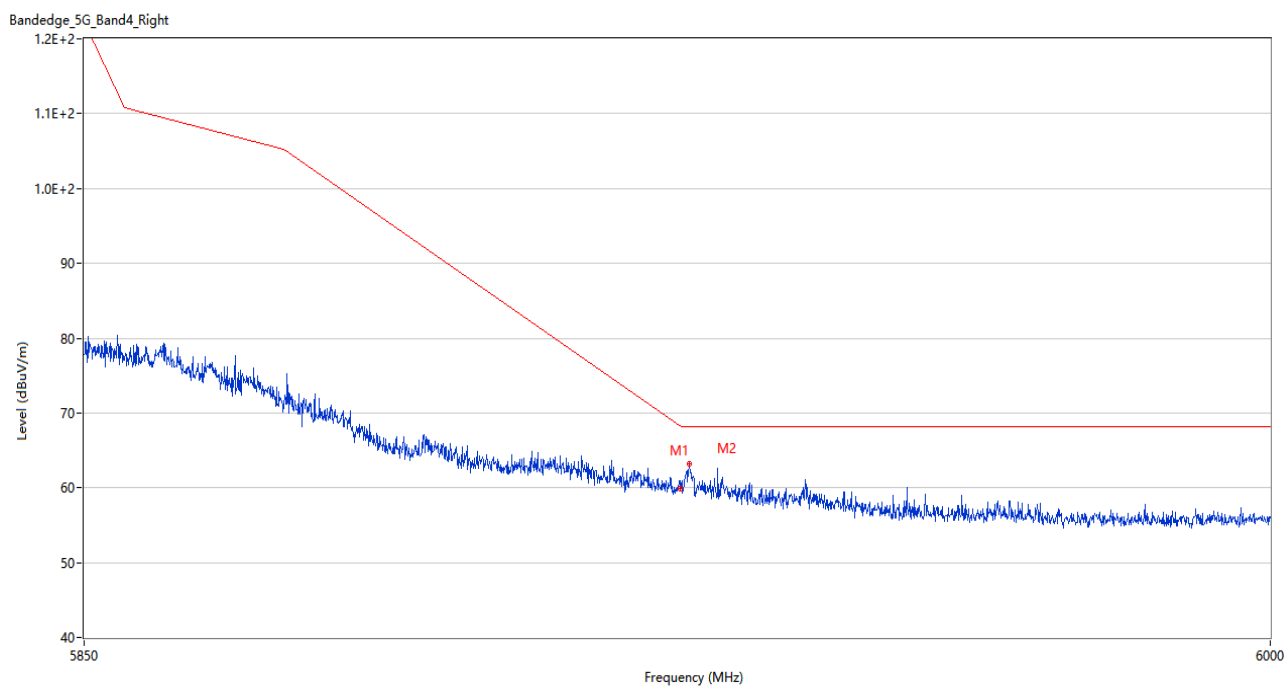
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.09	3.42	68.3	13.21	Peak	268.00	100	Horizontal	Pass
2	5971.725	57.82	3.88	68.2	10.38	Peak	339.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.000	64.01	3.54	68.2	4.19	Peak	156.00	100	Horizontal	Pass
2	5650.000	61.88	3.72	68.2	6.32	Peak	180.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	59.94	3.42	68.3	8.36	Peak	157.00	100	Horizontal	Pass
2	5926.050	63.19	3.66	68.2	5.01	Peak	164.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2460766-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2460766-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2460766-AI.PDF”.

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--END OF REPORT--