

TEST REPORT

Applicant: Queclink Wireless Solutions Co., Ltd.
Address: No.30, Lane 500, Xinlong Road, Minhang District, Shanghai, China
Equipment Type: INDUSTRIAL ROUTER
Model Name: WR201LG
Brand Name: QUECLINK
FCC ID: YQD-WR201LG
Test Standard: 47 CFR Part 15 Subpart E(refer section 3.1)
Sample Arrival Date: Sep. 15, 2023
Test Date: Sep. 15, 2023 - Nov. 29, 2023
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ISSUED BY:

Kunshan Balun Communications Technology Co., Ltd.

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Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Dec. 12, 2023</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Kunshan Balun Communications Technology Co., Ltd.
Address	Room 101, Building 5, No. 1689, Zizhu Road, Yushan, Kunshan, Jiangsu, China

1.2 Test Location

Name	Kunshan Balun Communications Technology Co., Ltd.
Location	Room 101, Building 5, No. 1689, Zizhu Road, Yushan, Kunshan, Jiangsu, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Queclink Wireless Solutions Co., Ltd.
Address	No.30, Lane 500, Xinlong Road, Minhang District, Shanghai, China

2.2 Manufacturer Information

Manufacturer	Queclink Wireless Solutions Co., Ltd.
Address	No.30, Lane 500, Xinlong Road, Minhang District, Shanghai, China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	INDUSTRIAL ROUTER
Model Name Under Test	WR201LG
Series Model Name	N/A
Description of Model name differentiation	N/A
Sample No.	SC-EC2381046-S07
Hardware Version	V1.02
Software Version	R00A03V04

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA/HSPA+ Band 1/2/4/5/6/8/19 4G Network LTE FDD Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28 LTE TDD Band 38/39/41 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, 5.8G SRD, GPS, GLONASS BDS Galileo
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	<input checked="" type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 15.97 dBm U-NII-2A: 16.69 dBm U-NII-2C: 18.59 dBm U-NII-3: 12.83 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Rod Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.58 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.58 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.58 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.58 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)

About the Product	The equipment is INDUSTRIAL ROUTER, intended for used with information technology equipment.
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2.6 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	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	142	5710		
108	5540	151	5755		
112	5560	159	5795		
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

Note: 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	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	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 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

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	138	--	5690
122	High	5610	155	Mid	5775
138	--	5690			

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
8	Receiver Spurious Emissions	--	--	N/A

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	44% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.1°C to +25.5°C
	LT (Low Temperature)	-30°C
	HT (High Temperature)	+75°C
Working Voltage of the EUT	NV (Normal Voltage)	12.0 V
	LV (Low Voltage)	8.0 V
	HV (High Voltage)	32.0 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Software /Firmware Version	Cal. Date	Cal. Due
Spectrum Analyzer	Agilent	E4440A	MY44303 400	A.11.21	2022.11.02	2023.11.01
					2023.11.02	2024.11.01
EMI Receiver	KEYSIGHT	N9038A	MY55330 122	A.21.06	2022.11.19	2023.11.18
					2023.11.02	2024.11.01
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-177	N/A	2023.06.21	2026.06.20
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-1203	N/A	2021.12.30	2024.12.29
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-2134	N/A	2022.10.08	2025.10.07
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400-KF	J2110603 07	N/A	2022.02.28	2025.02.27
Anechoic Chamber	YiHeng	9m*6m*6m	N/A	N/A	2022.07.22	2025.07.21

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable Test Setup
BL410R	BALUN	V2.1.1.496	N/A	The section 4.5.1
BL410E	BALUN	V19.618	N/A	The section 4.5.2
BL410E	BALUN	V21.919	N/A	The section 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	2.4 %
RF output power, conducted	0.408 dB
Power Spectral Density, conducted	1.739 dB
Unwanted Emissions, conducted	1.738 dB
All emissions, radiated	4.568 dB
Temperature	0.82 °C
Humidity	4.08 %

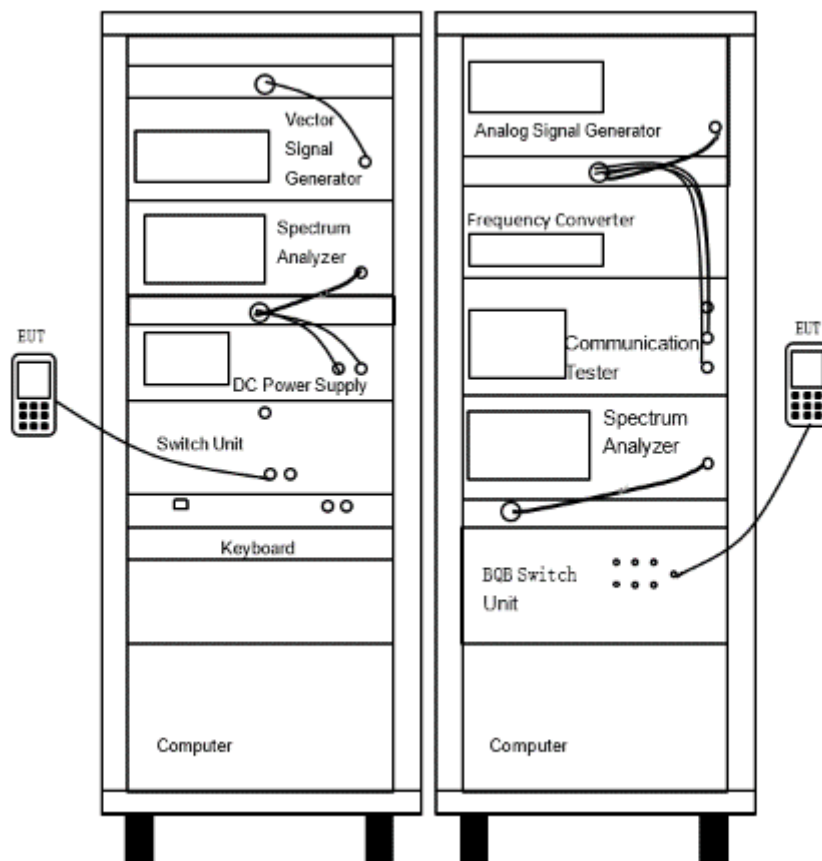
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

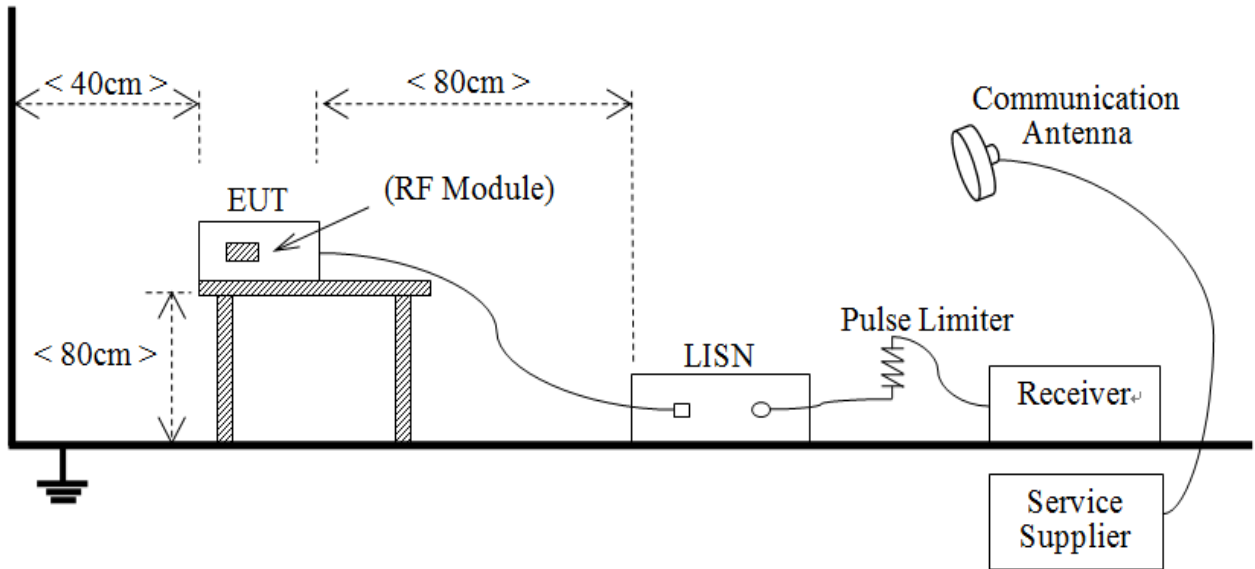
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



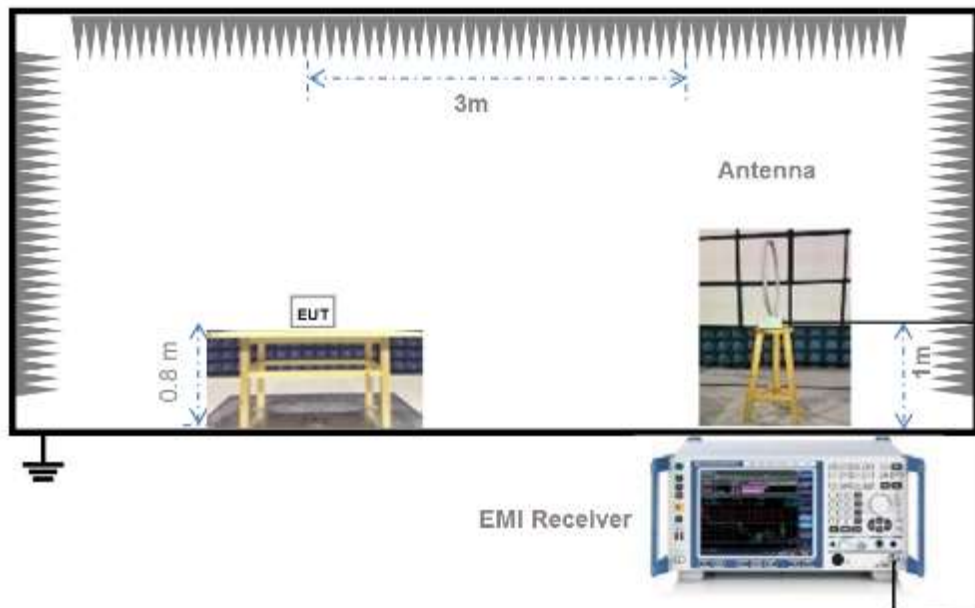
(Diagram 1)

4.5.2 For AC Power Supply Port Test



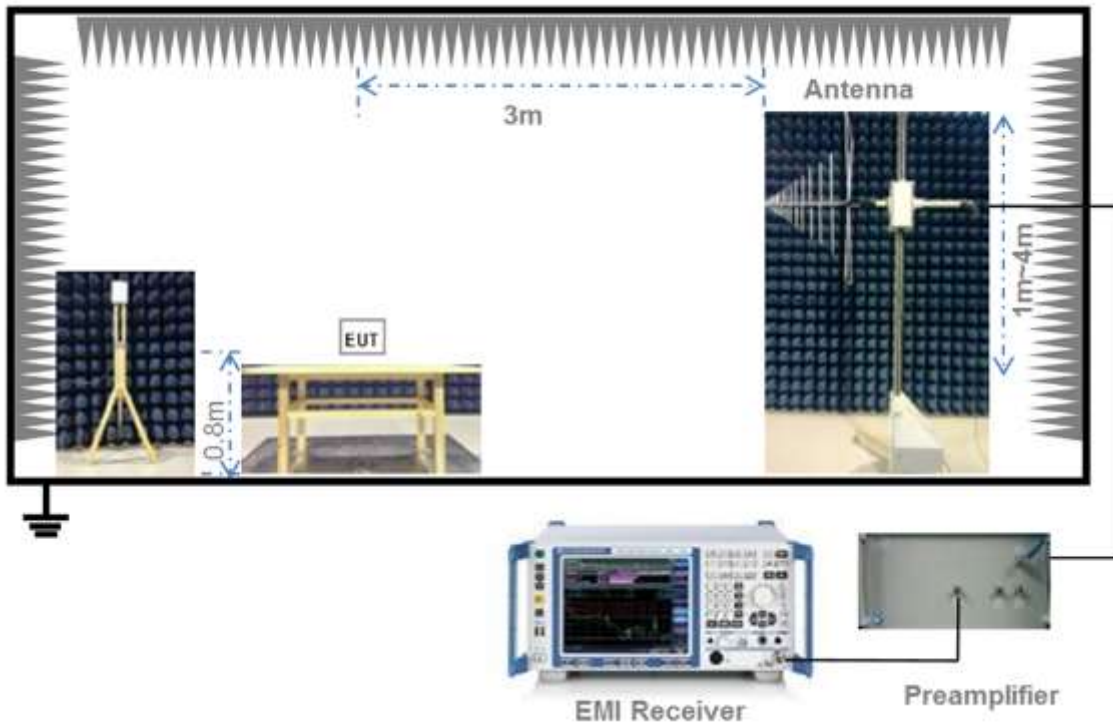
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



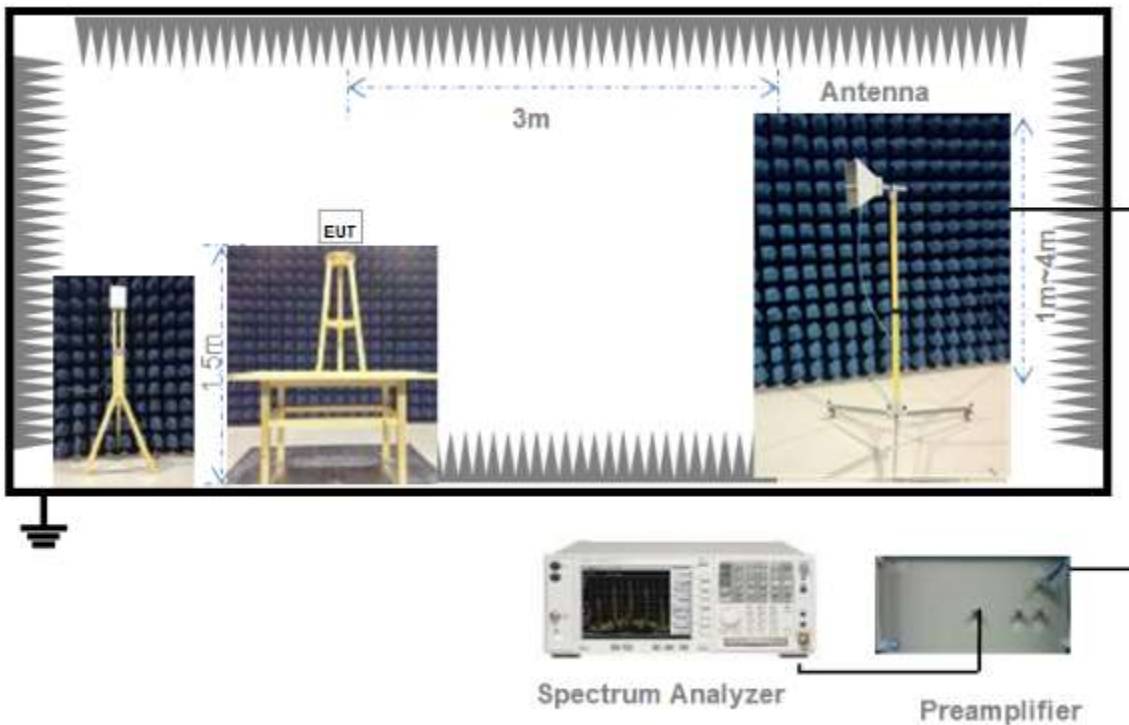
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

1. Set RBW = 510 kHz/1 MHz, VBW \geq 3*RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) 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).
- d) 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).
- e) 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.

- f) Compare the resultant electric field strength level to the applicable limit.
- g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note ¹: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note ³: All the configurations were tested, but only the worst data was shown in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.02	2.25	89.70%
11n (HT20)/11ac (VHT20)	1.88	2.01	93.54%
11n (HT40)/11ac (VHT40)	0.93	1.00	92.59%
11ac (VHT80)	0.45	0.69	65.45%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.47	35.24	250	Pass
11a	CH44	15.62	36.48	250	Pass
11a	CH48	15.73	37.41	250	Pass
11n (HT20)	CH36	15.45	35.08	250	Pass
11n (HT20)	CH44	15.47	35.24	250	Pass
11n (HT20)	CH48	15.71	37.24	250	Pass
11n (HT40)	CH38	14.51	28.25	250	Pass
11n (HT40)	CH46	14.24	26.55	250	Pass
11ac (VHT20)	CH36	15.93	39.17	250	Pass
11ac (VHT20)	CH44	15.77	37.76	250	Pass
11ac (VHT20)	CH48	15.67	36.90	250	Pass
11ac (VHT40)	CH38	14.85	30.55	250	Pass
11ac (VHT40)	CH46	14.72	29.65	250	Pass
11ac (VHT80)	CH42	15.97	39.54	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	16.24	42.07	250	Pass
11a	CH60	16.69	46.67	250	Pass
11a	CH64	16.65	46.24	250	Pass
11n (HT20)	CH52	16.32	42.85	250	Pass
11n (HT20)	CH60	16.64	46.13	250	Pass
11n (HT20)	CH64	16.61	45.81	250	Pass
11n (HT40)	CH54	14.27	26.73	250	Pass
11n (HT40)	CH62	14.49	28.12	250	Pass
11ac (VHT20)	CH52	15.27	33.65	250	Pass
11ac (VHT20)	CH60	15.62	36.48	250	Pass
11ac (VHT20)	CH64	15.62	36.48	250	Pass
11ac (VHT40)	CH54	14.66	29.24	250	Pass
11ac (VHT40)	CH62	14.53	28.38	250	Pass
11ac (VHT80)	CH58	5.91	3.90	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.62	57.81	250	Pass
11a	CH116	17.55	56.89	250	Pass
11a	CH140	16.20	41.69	250	Pass
11n (HT20)	CH100	17.52	56.49	250	Pass
11n (HT20)	CH116	17.47	55.85	250	Pass
11n (HT20)	CH140	16.23	41.98	250	Pass
11n (HT40)	CH102	16.54	45.08	250	Pass
11n (HT40)	CH118	16.32	42.85	250	Pass
11n (HT40)	CH134	15.99	39.72	250	Pass
11ac (VHT20)	CH100	17.59	57.41	250	Pass
11ac (VHT20)	CH116	17.42	55.21	250	Pass
11ac (VHT20)	CH140	16.21	41.78	250	Pass
11ac (VHT40)	CH102	16.38	43.45	250	Pass
11ac (VHT40)	CH118	16.32	42.85	250	Pass
11ac (VHT40)	CH134	15.90	38.90	250	Pass
11ac (VHT80)	CH106	5.11	3.24	250	Pass
11ac (VHT80)	CH122	18.59	72.28	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.72	18.71	1000	Pass
11a	CH157	12.72	18.71	1000	Pass
11a	CH165	12.73	18.75	1000	Pass
11n (HT20)	CH149	12.73	18.75	1000	Pass
11n (HT20)	CH157	12.64	18.37	1000	Pass
11n (HT20)	CH165	12.64	18.37	1000	Pass
11n (HT40)	CH151	12.79	19.01	1000	Pass
11n (HT40)	CH159	12.72	18.71	1000	Pass
11ac (VHT20)	CH149	12.24	16.75	1000	Pass
11ac (VHT20)	CH157	12.67	18.49	1000	Pass
11ac (VHT20)	CH165	12.22	16.67	1000	Pass
11ac (VHT40)	CH151	12.34	17.14	1000	Pass
11ac (VHT40)	CH159	12.26	16.83	1000	Pass
11ac (VHT80)	CH155	12.83	19.19	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	17.58	57.28	184	Pass
11n (HT20)	CH144	17.76	59.70	191	Pass
11n (HT40)	CH142	16.22	41.88	250	Pass
11ac (VHT20)	CH144	17.69	58.75	191	Pass
11ac (VHT40)	CH142	16.22	41.88	250	Pass
11ac (VHT80)	CH138	17.27	53.33	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	17.58	57.28	1000	Pass
11n (HT20)	CH144	17.76	59.70	1000	Pass
11n (HT40)	CH142	16.22	41.88	1000	Pass
11ac (VHT20)	CH144	17.69	58.75	1000	Pass
11ac (VHT40)	CH142	16.22	41.88	1000	Pass
11ac (VHT80)	CH138	17.27	53.33	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-EC2390557-602 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.75	16.82
11a	CH44	24.09	16.81
11a	CH48	24.57	16.82
11n (HT20)	CH36	24.94	17.93
11n (HT20)	CH44	24.96	17.94
11n (HT20)	CH48	25.00	17.95
11n (HT40)	CH38	49.94	36.59
11n (HT40)	CH46	50.65	36.65
11ac (VHT20)	CH36	24.71	17.94
11ac (VHT20)	CH44	24.63	17.93
11ac (VHT20)	CH48	24.87	17.94
11ac (VHT40)	CH38	50.42	36.59
11ac (VHT40)	CH46	49.87	36.60
11ac (VHT80)	CH42	101.95	76.34

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.10	16.84
11a	CH60	24.15	16.84
11a	CH64	24.22	16.87
11n (HT20)	CH52	25.00	17.93
11n (HT20)	CH60	25.22	17.93
11n (HT20)	CH64	24.92	17.92
11n (HT40)	CH54	50.72	36.62
11n (HT40)	CH62	50.10	36.63
11ac (VHT20)	CH52	25.09	17.95
11ac (VHT20)	CH60	25.07	17.95
11ac (VHT20)	CH64	24.64	17.92
11ac (VHT40)	CH54	50.38	36.63
11ac (VHT40)	CH62	50.60	36.63
11ac (VHT80)	CH58	103.40	76.44

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.24	16.90
11a	CH116	24.07	16.89
11a	CH140	24.44	16.89
11n (HT20)	CH100	24.59	17.92
11n (HT20)	CH116	24.74	17.98
11n (HT20)	CH140	24.99	17.98
11n (HT40)	CH102	49.85	36.64
11n (HT40)	CH118	49.55	36.63
11n (HT40)	CH134	49.22	36.60
11ac (VHT20)	CH100	24.97	17.95
11ac (VHT20)	CH116	24.58	17.94
11ac (VHT20)	CH140	24.73	17.97
11ac (VHT40)	CH102	50.10	36.64
11ac (VHT40)	CH118	49.70	36.62
11ac (VHT40)	CH134	49.64	36.65
11ac (VHT80)	CH106	102.19	76.37
11ac (VHT80)	CH122	101.98	76.37

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.47	16.85
11a	CH157	24.21	16.88
11a	CH165	24.35	16.80
11n (HT20)	CH149	25.16	17.96
11n (HT20)	CH157	25.04	17.97
11n (HT20)	CH165	24.61	17.93
11n (HT40)	CH151	50.02	36.58
11n (HT40)	CH159	50.05	36.61
11ac (VHT20)	CH149	25.03	17.96
11ac (VHT20)	CH157	24.84	17.96
11ac (VHT20)	CH165	24.86	17.92
11ac (VHT40)	CH151	49.81	36.57
11ac (VHT40)	CH159	49.41	36.62
11ac (VHT80)	CH155	99.48	76.30

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	17.43	13.44
11n (HT20)	CH144	17.51	13.99
11n (HT40)	CH142	40.09	33.32
11ac (VHT20)	CH144	17.72	13.98
11ac (VHT40)	CH142	40.03	33.32
11ac (VHT80)	CH138	86.85	73.22

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	7.43	3.44
11n (HT20)	CH144	7.51	3.99
11n (HT40)	CH142	10.09	3.32
11ac (VHT20)	CH144	7.72	3.98
11ac (VHT40)	CH142	10.03	3.32
11ac (VHT80)	CH138	16.85	3.22

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-EC2390557-602 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.37	500.00	Pass
11a	CH157	16.37	500.00	Pass
11a	CH165	16.42	500.00	Pass
11n (HT20)	CH149	17.62	500.00	Pass
11n (HT20)	CH157	17.67	500.00	Pass
11n (HT20)	CH165	17.22	500.00	Pass
11n (HT40)	CH151	35.82	500.00	Pass
11n (HT40)	CH159	35.77	500.00	Pass
11ac (VHT20)	CH149	16.97	500.00	Pass
11ac (VHT20)	CH157	17.62	500.00	Pass
11ac (VHT20)	CH165	17.62	500.00	Pass
11ac (VHT40)	CH151	36.37	500.00	Pass
11ac (VHT40)	CH159	36.02	500.00	Pass
11ac (VHT80)	CH155	73.02	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	3.21	500.00	Pass
11n (HT20)	CH144	3.69	500.00	Pass
11n (HT40)	CH142	3.01	500.00	Pass
11ac (VHT20)	CH144	3.84	500.00	Pass
11ac (VHT40)	CH142	3.19	500.00	Pass
11ac (VHT80)	CH138	2.89	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document "Annex No.: BL-EC2390557-602 Data Part 3.pdf".

Note²: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.84	11.00	Pass
11a	CH44	4.02	11.00	Pass
11a	CH48	4.06	11.00	Pass
11n (HT20)	CH36	3.69	11.00	Pass
11n (HT20)	CH44	3.64	11.00	Pass
11n (HT20)	CH48	3.86	11.00	Pass
11n (HT40)	CH38	-0.40	11.00	Pass
11n (HT40)	CH46	-0.59	11.00	Pass
11ac (VHT20)	CH36	3.68	11.00	Pass
11ac (VHT20)	CH44	3.85	11.00	Pass
11ac (VHT20)	CH48	3.93	11.00	Pass
11ac (VHT40)	CH38	-0.52	11.00	Pass
11ac (VHT40)	CH46	-0.04	11.00	Pass
11ac (VHT80)	CH42	-1.80	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.75	11.00	Pass
11a	CH60	5.16	11.00	Pass
11a	CH64	5.14	11.00	Pass
11n (HT20)	CH52	4.44	11.00	Pass
11n (HT20)	CH60	4.86	11.00	Pass
11n (HT20)	CH64	4.72	11.00	Pass
11n (HT40)	CH54	-0.40	11.00	Pass
11n (HT40)	CH62	-0.38	11.00	Pass
11ac (VHT20)	CH52	3.90	11.00	Pass
11ac (VHT20)	CH60	3.80	11.00	Pass
11ac (VHT20)	CH64	3.83	11.00	Pass
11ac (VHT40)	CH54	-0.05	11.00	Pass
11ac (VHT40)	CH62	-0.21	11.00	Pass
11ac (VHT80)	CH58	-11.85	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	6.26	11.00	Pass
11a	CH116	6.28	11.00	Pass
11a	CH140	4.88	11.00	Pass
11n (HT20)	CH100	5.79	11.00	Pass
11n (HT20)	CH116	5.95	11.00	Pass
11n (HT20)	CH140	4.60	11.00	Pass
11n (HT40)	CH102	2.08	11.00	Pass
11n (HT40)	CH118	2.23	11.00	Pass
11n (HT40)	CH134	1.83	11.00	Pass
11ac (VHT20)	CH100	5.86	11.00	Pass
11ac (VHT20)	CH116	5.91	11.00	Pass
11ac (VHT20)	CH140	4.52	11.00	Pass
11ac (VHT40)	CH102	2.03	11.00	Pass
11ac (VHT40)	CH118	2.17	11.00	Pass
11ac (VHT40)	CH134	1.73	11.00	Pass
11ac (VHT80)	CH106	-12.83	11.00	Pass
11ac (VHT80)	CH122	2.15	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.40	30.00	Pass
11a	CH157	-1.42	30.00	Pass
11a	CH165	-1.43	30.00	Pass
11n (HT20)	CH149	-1.65	30.00	Pass
11n (HT20)	CH157	-1.93	30.00	Pass
11n (HT20)	CH165	-1.83	30.00	Pass
11n (HT40)	CH151	-4.42	30.00	Pass
11n (HT40)	CH159	-4.64	30.00	Pass
11ac (VHT20)	CH149	-2.07	30.00	Pass
11ac (VHT20)	CH157	-1.83	30.00	Pass
11ac (VHT20)	CH165	-2.22	30.00	Pass
11ac (VHT40)	CH151	-4.86	30.00	Pass
11ac (VHT40)	CH159	-5.12	30.00	Pass
11ac (VHT80)	CH155	-7.25	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	6.10	11.00	Pass
11n (HT20)	CH144	5.95	11.00	Pass
11n (HT40)	CH142	1.66	11.00	Pass
11ac (VHT20)	CH144	5.93	11.00	Pass
11ac (VHT40)	CH142	1.54	11.00	Pass
11ac (VHT80)	CH138	0.66	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-1.06	30.00	Pass
11n (HT20)	CH144	-1.42	30.00	Pass
11n (HT40)	CH142	-4.68	30.00	Pass
11ac (VHT20)	CH144	-1.29	30.00	Pass
11ac (VHT40)	CH142	-4.63	30.00	Pass
11ac (VHT80)	CH138	-7.72	30.00	Pass

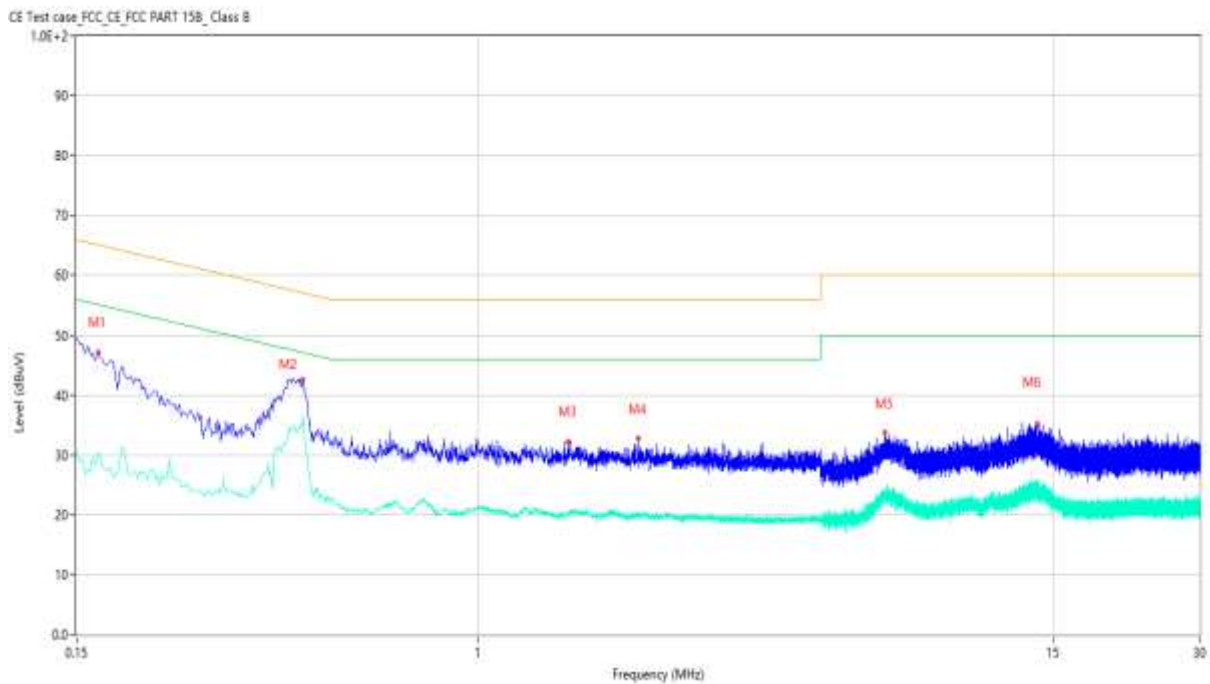
A.5 Conducted Emissions

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

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

Test Data and Plots

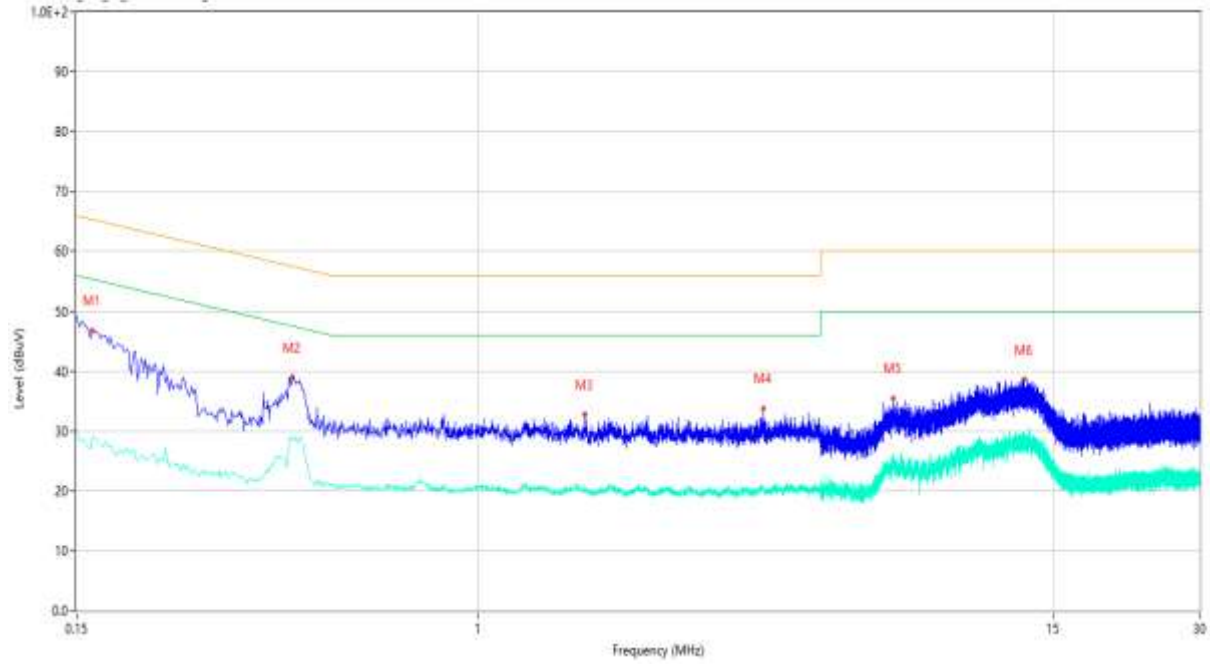
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.166	47.11	10.23	65.16	18.05	Peak	L	Pass
1**	0.166	30.38	10.23	55.16	24.78	AV	L	Pass
2	0.436	42.49	10.18	57.14	14.65	Peak	L	Pass
2**	0.436	36.65	10.18	47.14	10.49	AV	L	Pass
3	1.522	32.24	10.20	56.00	23.76	Peak	L	Pass
3**	1.522	20.20	10.20	46.00	25.80	AV	L	Pass
4	2.118	32.74	10.22	56.00	23.26	Peak	L	Pass
4**	2.118	20.21	10.22	46.00	25.79	AV	L	Pass
5	6.802	33.69	10.32	60.00	26.31	Peak	L	Pass
5**	6.802	23.14	10.32	50.00	26.86	AV	L	Pass
6	13.904	35.19	10.69	60.00	24.81	Peak	L	Pass
6**	13.904	24.49	10.69	50.00	25.51	AV	L	Pass

PHASE N

CE Test case FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.162	46.70	10.22	65.36	18.66	Peak	N	Pass
1**	0.162	28.93	10.22	55.36	26.43	AV	N	Pass
2	0.416	38.95	10.17	57.53	18.58	Peak	N	Pass
2**	0.416	28.67	10.17	47.53	18.86	AV	N	Pass
3	1.652	32.69	10.20	56.00	23.31	Peak	N	Pass
3**	1.652	20.18	10.20	46.00	25.82	AV	N	Pass
4	3.824	33.72	10.25	56.00	22.28	Peak	N	Pass
4**	3.824	20.28	10.25	46.00	25.72	AV	N	Pass
5	7.054	35.43	10.34	60.00	24.57	Peak	N	Pass
5**	7.054	26.12	10.34	50.00	23.88	AV	N	Pass
6	13.120	38.53	10.68	60.00	21.47	Peak	N	Pass
6**	13.120	29.40	10.68	50.00	20.60	AV	N	Pass

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

Test Data

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

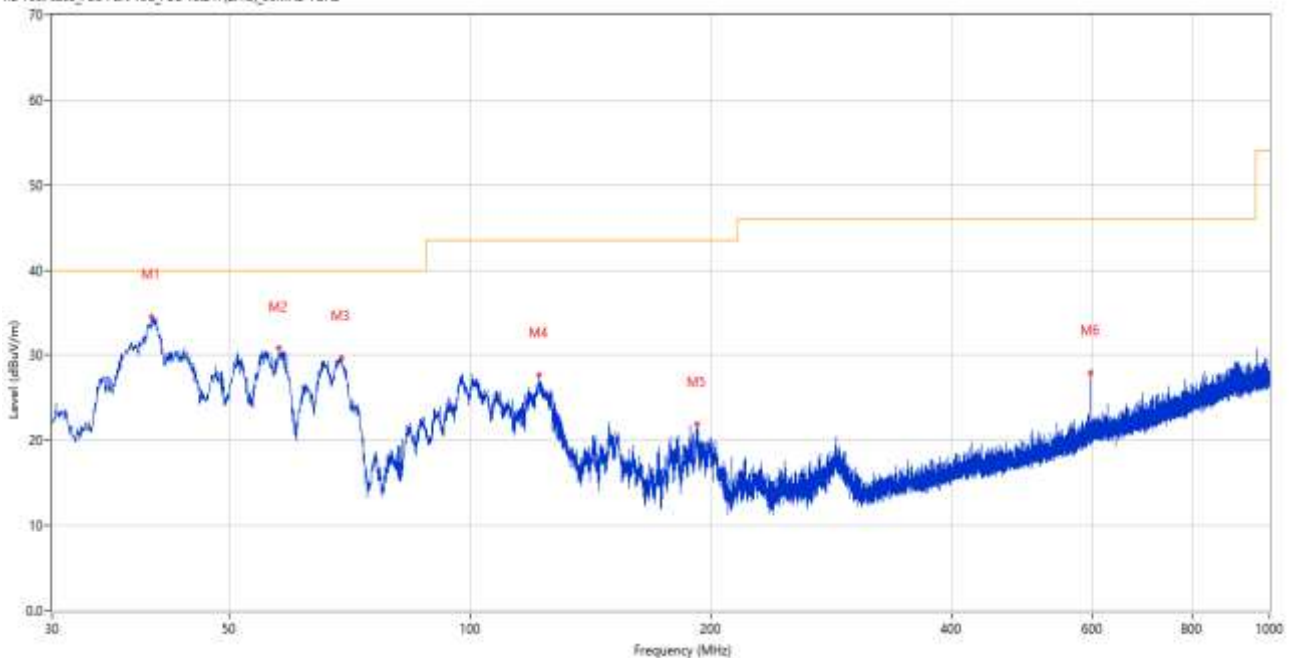
Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

30 MHz to 1 GHz, ANT V

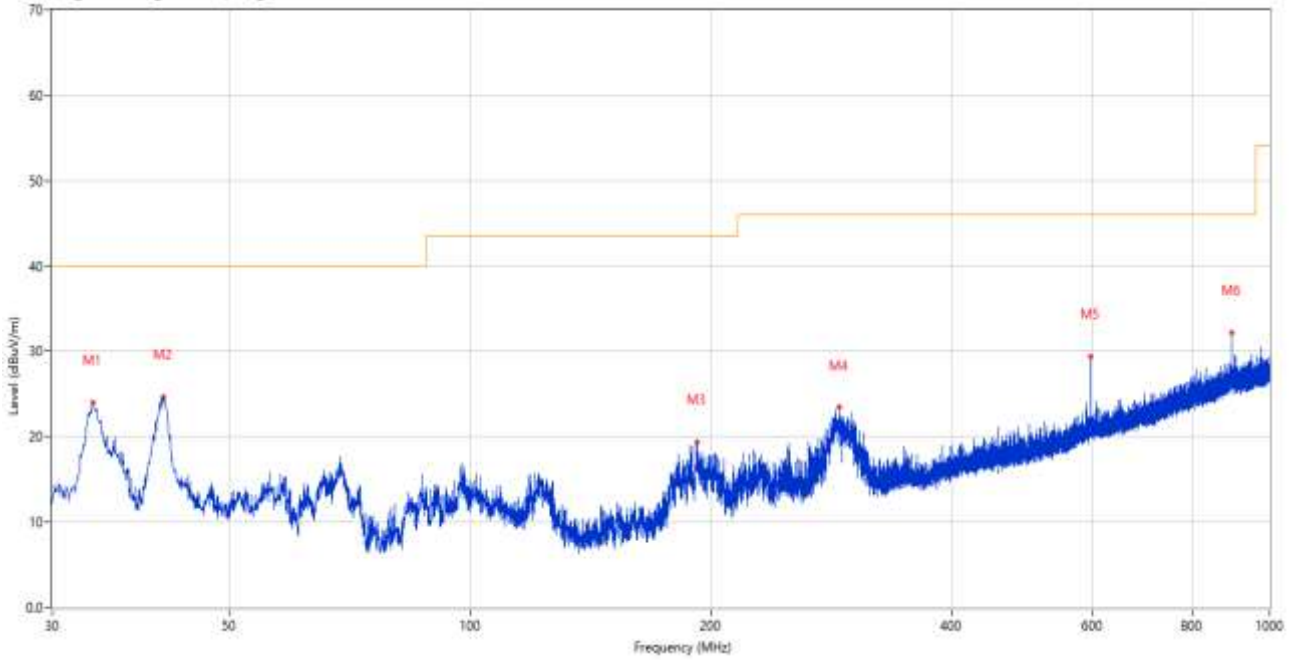
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.991	34.55	-25.51	40.0	5.45	Peak	182.00	100	Vertical	Pass
2	57.645	30.79	-25.42	40.0	9.21	Peak	357.00	100	Vertical	Pass
3	69.043	29.66	-27.80	40.0	10.34	Peak	38.00	100	Vertical	Pass
4	122.102	27.65	-27.90	43.5	15.85	Peak	331.00	100	Vertical	Pass
5	192.378	21.92	-26.15	43.5	21.58	Peak	297.00	100	Vertical	Pass
6	597.547	27.96	-16.01	46.0	18.04	Peak	297.00	100	Vertical	Pass

30 MHz to 1 GHz, ANT H

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.734	23.95	-27.67	40.0	16.05	Peak	237.00	100	Horizontal	Pass
2	41.349	24.71	-24.99	40.0	15.29	Peak	355.00	100	Horizontal	Pass
3	192.281	19.40	-26.15	43.5	24.10	Peak	142.00	200	Horizontal	Pass
4	289.523	23.44	-23.33	46.0	22.56	Peak	295.00	100	Horizontal	Pass
5	597.741	29.34	-15.98	46.0	16.66	Peak	266.00	100	Horizontal	Pass
6	896.016	32.16	-10.47	46.0	13.84	Peak	233.00	100	Horizontal	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 V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1173.750	47.01	-16.64	74.0	26.99	Peak	115.00	150	Vertical	Pass
1**	1173.750	34.18	-16.64	54.0	19.82	AV	115.00	150	Vertical	Pass
2	2234.500	43.49	-11.70	74.0	30.51	Peak	56.00	150	Vertical	Pass
2**	2234.500	32.09	-11.70	54.0	21.91	AV	56.00	150	Vertical	Pass
3	4210.500	47.16	-3.91	74.0	26.84	Peak	137.00	150	Vertical	Pass
3**	4210.500	35.53	-3.91	54.0	18.47	AV	137.00	150	Vertical	Pass
4	5185.000	108.10	-1.29	--	-9.10	Peak	99.00	150	Vertical	N/A
4**	5185.000	100.29	-1.29	--	-100.29	AV	99.00	150	Vertical	N/A
5	8349.500	48.41	-4.28	74.0	25.59	Peak	97.00	150	Vertical	Pass
5**	8349.500	37.21	-4.28	54.0	16.79	AV	97.00	150	Vertical	Pass
6	15612.500	50.63	-0.23	74.0	23.37	Peak	71.00	150	Vertical	Pass
6**	15612.500	39.61	-0.23	54.0	14.39	AV	71.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.500	46.83	-17.98	74.0	27.17	Peak	72.00	150	Horizontal	Pass
1**	1063.500	28.12	-17.98	54.0	25.88	AV	72.00	150	Horizontal	Pass
2	1490.500	40.74	-16.26	74.0	33.26	Peak	54.00	150	Horizontal	Pass
2**	1490.500	29.63	-16.26	54.0	24.37	AV	54.00	150	Horizontal	Pass
3	2765.250	44.83	-8.95	74.0	29.17	Peak	194.00	150	Horizontal	Pass
3**	2765.250	32.75	-8.95	54.0	21.25	AV	194.00	150	Horizontal	Pass
4	5186.000	100.81	-1.29	--	16.19	Peak	117.00	150	Horizontal	N/A
4**	5186.000	92.78	-1.29	--	-92.78	AV	117.00	150	Horizontal	N/A
5	8260.500	47.61	-4.10	74.0	26.39	Peak	326.00	150	Horizontal	Pass
5**	8260.500	37.77	-4.10	54.0	16.23	AV	326.00	150	Horizontal	Pass
6	11891.000	48.33	-3.40	74.0	25.67	Peak	288.00	150	Horizontal	Pass
6**	11891.000	37.87	-3.40	54.0	16.13	AV	288.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.000	46.49	-18.02	74.0	27.51	Peak	123.00	150	Vertical	Pass
1**	1066.000	31.00	-18.02	54.0	23.00	AV	123.00	150	Vertical	Pass
2	1491.750	43.07	-16.27	74.0	30.93	Peak	119.00	150	Vertical	Pass
2**	1491.750	27.46	-16.27	54.0	26.54	AV	119.00	150	Vertical	Pass
3	2768.750	46.13	-8.84	74.0	27.87	Peak	360.00	150	Vertical	Pass
3**	2768.750	32.57	-8.84	54.0	21.43	AV	360.00	150	Vertical	Pass
4	5214.500	107.79	-1.31	--	59.21	Peak	167.00	150	Vertical	N/A
4**	5214.500	99.33	-1.31	--	-99.33	AV	167.00	150	Vertical	N/A
5	7539.500	52.89	1.79	74.0	21.11	Peak	211.00	150	Vertical	Pass
5**	7539.500	42.05	1.79	54.0	11.95	AV	211.00	150	Vertical	Pass
6	11597.000	48.88	-2.51	74.0	25.12	Peak	9.00	150	Vertical	Pass
6**	11597.000	38.12	-2.51	54.0	15.88	AV	9.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	44.16	-17.96	74.0	29.84	Peak	205.00	150	Horizontal	Pass
1**	1062.500	27.13	-17.96	54.0	26.87	AV	205.00	150	Horizontal	Pass
2	2258.500	43.33	-11.61	74.0	30.67	Peak	217.00	150	Horizontal	Pass
2**	2258.500	31.72	-11.61	54.0	22.28	AV	217.00	150	Horizontal	Pass
3	4243.500	46.91	-4.21	74.0	27.09	Peak	49.00	150	Horizontal	Pass
3**	4243.500	35.23	-4.21	54.0	18.77	AV	49.00	150	Horizontal	Pass
4	5217.000	101.14	-1.36	--	15.86	Peak	117.00	150	Horizontal	N/A
4**	5217.000	92.57	-1.36	--	-92.57	AV	117.00	150	Horizontal	N/A
5	7631.500	53.28	1.09	74.0	20.72	Peak	226.00	150	Horizontal	Pass
5**	7631.500	42.09	1.09	54.0	11.91	AV	226.00	150	Horizontal	Pass
6	10809.500	49.23	-2.99	74.0	24.77	Peak	331.00	150	Horizontal	Pass
6**	10809.500	38.35	-2.99	54.0	15.65	AV	331.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.500	46.98	-16.69	74.0	27.02	Peak	97.00	150	Vertical	Pass
1**	1167.500	28.46	-16.69	54.0	25.54	AV	97.00	150	Vertical	Pass
2	2852.750	45.04	-8.41	74.0	28.96	Peak	197.00	150	Vertical	Pass
2**	2852.750	32.71	-8.41	54.0	21.29	AV	197.00	150	Vertical	Pass
3	3992.500	48.38	-4.55	74.0	25.62	Peak	92.00	150	Vertical	Pass
3**	3992.500	34.20	-4.55	54.0	19.80	AV	92.00	150	Vertical	Pass
4	5234.500	107.92	-1.97	--	-5.92	Peak	102.00	150	Vertical	N/A
4**	5234.500	100.24	-1.97	--	-100.24	AV	102.00	150	Vertical	N/A
5	7399.000	53.24	2.08	74.0	20.76	Peak	280.00	150	Vertical	Pass
5**	7399.000	42.09	2.08	54.0	11.91	AV	280.00	150	Vertical	Pass
6	12004.000	48.78	-2.54	74.0	25.22	Peak	41.00	150	Vertical	Pass
6**	12004.000	39.35	-2.54	54.0	14.65	AV	41.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	41.36	-17.98	74.0	32.64	Peak	166.00	150	Horizontal	Pass
1**	1063.750	26.91	-17.98	54.0	27.09	AV	166.00	150	Horizontal	Pass
2	2792.500	45.44	-8.18	74.0	28.56	Peak	193.00	150	Horizontal	Pass
2**	2792.500	32.46	-8.18	54.0	21.54	AV	193.00	150	Horizontal	Pass
3	4090.500	47.05	-4.30	74.0	26.95	Peak	188.00	150	Horizontal	Pass
3**	4090.500	35.11	-4.30	54.0	18.89	AV	188.00	150	Horizontal	Pass
4	5242.000	100.74	-2.02	--	15.26	Peak	116.00	150	Horizontal	N/A
4**	5242.000	92.16	-2.02	--	-92.16	AV	116.00	150	Horizontal	N/A
5	7596.500	53.32	1.25	74.0	20.68	Peak	97.00	150	Horizontal	Pass
5**	7596.500	42.34	1.25	54.0	11.66	AV	97.00	150	Horizontal	Pass
6	12118.000	49.00	-2.40	74.0	25.00	Peak	347.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.500	44.45	-16.65	74.0	29.55	Peak	104.00	150	Vertical	Pass
1**	1169.500	27.48	-16.65	54.0	26.52	AV	104.00	150	Vertical	Pass
2	2768.250	44.94	-8.85	74.0	29.06	Peak	110.00	150	Vertical	Pass
2**	2768.250	32.63	-8.85	54.0	21.37	AV	110.00	150	Vertical	Pass
3	4281.500	47.97	-3.93	74.0	26.03	Peak	135.00	150	Vertical	Pass
3**	4281.500	35.30	-3.93	54.0	18.70	AV	135.00	150	Vertical	Pass
4	5185.500	106.27	-1.29	--	1.73	Peak	108.00	150	Vertical	N/A
4**	5185.500	98.13	-1.29	--	-98.13	AV	108.00	150	Vertical	N/A
5	7659.000	53.51	1.22	74.0	20.49	Peak	77.00	150	Vertical	Pass
5**	7659.000	41.16	1.22	54.0	12.84	AV	77.00	150	Vertical	Pass
6	11861.500	48.40	-3.16	74.0	25.60	Peak	44.00	150	Vertical	Pass
6**	11861.500	37.36	-3.16	54.0	16.64	AV	44.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	44.88	-17.95	74.0	29.12	Peak	36.00	150	Horizontal	Pass
1**	1061.750	28.34	-17.95	54.0	25.66	AV	36.00	150	Horizontal	Pass
2	2769.750	44.50	-8.81	74.0	29.50	Peak	185.00	150	Horizontal	Pass
2**	2769.750	32.84	-8.81	54.0	21.16	AV	185.00	150	Horizontal	Pass
3	4074.500	46.77	-4.39	74.0	27.23	Peak	144.00	150	Horizontal	Pass
3**	4074.500	34.03	-4.39	54.0	19.97	AV	144.00	150	Horizontal	Pass
4	5181.500	102.44	-1.31	--	61.56	Peak	164.00	150	Horizontal	N/A
4**	5181.500	93.55	-1.31	--	-93.55	AV	164.00	150	Horizontal	N/A
5	7404.500	53.00	2.20	74.0	21.00	Peak	99.00	150	Horizontal	Pass
5**	7404.500	41.79	2.20	54.0	12.21	AV	99.00	150	Horizontal	Pass
6	12545.500	48.82	-1.46	74.0	25.18	Peak	338.00	150	Horizontal	Pass
6**	12545.500	38.64	-1.46	54.0	15.36	AV	338.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1173.750	48.13	-16.64	74.0	25.87	Peak	94.00	150	Vertical	Pass
1**	1173.750	28.69	-16.64	54.0	25.31	AV	94.00	150	Vertical	Pass
2	2809.750	44.78	-9.10	74.0	29.22	Peak	99.00	150	Vertical	Pass
2**	2809.750	32.13	-9.10	54.0	21.87	AV	99.00	150	Vertical	Pass
3	4193.000	46.73	-3.68	74.0	27.27	Peak	319.00	150	Vertical	Pass
3**	4193.000	35.54	-3.68	54.0	18.46	AV	319.00	150	Vertical	Pass
4	5216.500	106.64	-1.35	--	6.36	Peak	113.00	150	Vertical	N/A
4**	5216.500	97.78	-1.35	--	-97.78	AV	113.00	150	Vertical	N/A
5	7370.500	53.76	1.28	74.0	20.24	Peak	333.00	150	Vertical	Pass
5**	7370.500	41.50	1.28	54.0	12.50	AV	333.00	150	Vertical	Pass
6	11854.500	48.73	-3.09	74.0	25.27	Peak	22.00	150	Vertical	Pass
6**	11854.500	37.25	-3.09	54.0	16.75	AV	22.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	46.11	-18.01	74.0	27.89	Peak	39.00	150	Horizontal	Pass
1**	1065.000	28.62	-18.01	54.0	25.38	AV	39.00	150	Horizontal	Pass
2	2732.500	44.72	-9.32	74.0	29.28	Peak	348.00	150	Horizontal	Pass
2**	2732.500	31.09	-9.32	54.0	22.91	AV	348.00	150	Horizontal	Pass
3	4180.000	46.71	-3.70	74.0	27.29	Peak	40.00	150	Horizontal	Pass
3**	4180.000	36.03	-3.70	54.0	17.97	AV	40.00	150	Horizontal	Pass
4	5214.000	103.80	-1.30	--	59.20	Peak	163.00	150	Horizontal	N/A
4**	5214.000	96.39	-1.30	--	-96.39	AV	163.00	150	Horizontal	N/A
5	7395.000	54.04	1.90	74.0	19.96	Peak	237.00	150	Horizontal	Pass
5**	7395.000	42.13	1.90	54.0	11.87	AV	237.00	150	Horizontal	Pass
6	10979.500	49.69	-2.94	74.0	24.31	Peak	324.00	150	Horizontal	Pass
6**	10979.500	37.84	-2.94	54.0	16.16	AV	324.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	48.12	-17.95	74.0	25.88	Peak	117.00	150	Vertical	Pass
1**	1061.750	30.65	-17.95	54.0	23.35	AV	117.00	150	Vertical	Pass
2	2781.500	44.41	-8.50	74.0	29.59	Peak	253.00	150	Vertical	Pass
2**	2781.500	32.52	-8.50	54.0	21.48	AV	253.00	150	Vertical	Pass
3	4174.000	47.19	-3.74	74.0	26.81	Peak	90.00	150	Vertical	Pass
3**	4174.000	35.27	-3.74	54.0	18.73	AV	90.00	150	Vertical	Pass
4	5234.500	106.40	-1.97	--	1.60	Peak	108.00	150	Vertical	N/A
4**	5234.500	98.04	-1.97	--	-98.04	AV	108.00	150	Vertical	N/A
5	7457.500	52.73	1.27	74.0	21.27	Peak	92.00	150	Vertical	Pass
5**	7457.500	41.81	1.27	54.0	12.19	AV	92.00	150	Vertical	Pass
6	12164.000	49.28	-2.43	74.0	24.72	Peak	281.00	150	Vertical	Pass
6**	12164.000	37.35	-2.43	54.0	16.65	AV	281.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.750	46.75	-17.97	74.0	27.25	Peak	115.00	150	Horizontal	Pass
1**	1062.750	30.02	-17.97	54.0	23.98	AV	115.00	150	Horizontal	Pass
2	2816.250	45.15	-8.88	74.0	28.85	Peak	9.00	150	Horizontal	Pass
2**	2816.250	32.31	-8.88	54.0	21.69	AV	9.00	150	Horizontal	Pass
3	4296.000	47.26	-3.85	74.0	26.74	Peak	275.00	150	Horizontal	Pass
3**	4296.000	35.20	-3.85	54.0	18.80	AV	275.00	150	Horizontal	Pass
4	5232.500	104.78	-1.94	--	49.22	Peak	154.00	150	Horizontal	N/A
4**	5232.500	96.53	-1.94	--	-96.53	AV	154.00	150	Horizontal	N/A
5	7389.000	53.48	1.67	74.0	20.52	Peak	136.00	150	Horizontal	Pass
5**	7389.000	41.61	1.67	54.0	12.39	AV	136.00	150	Horizontal	Pass
6	11434.000	48.03	-2.56	74.0	25.97	Peak	360.00	150	Horizontal	Pass
6**	11434.000	37.68	-2.56	54.0	16.32	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.000	49.50	-17.99	74.0	24.50	Peak	94.00	150	Vertical	Pass
1**	1064.000	27.19	-17.99	54.0	26.81	AV	94.00	150	Vertical	Pass
2	2839.750	45.68	-8.20	74.0	28.32	Peak	9.00	150	Vertical	Pass
2**	2839.750	33.17	-8.20	54.0	20.83	AV	9.00	150	Vertical	Pass
3	4154.500	47.19	-4.10	74.0	26.81	Peak	64.00	150	Vertical	Pass
3**	4154.500	35.30	-4.10	54.0	18.70	AV	64.00	150	Vertical	Pass
4	5184.500	99.53	-1.29	--	76.47	Peak	176.00	150	Vertical	N/A
4**	5184.500	90.66	-1.29	--	-90.66	AV	176.00	150	Vertical	N/A
5	7405.500	53.60	2.22	74.0	20.40	Peak	168.00	150	Vertical	Pass
5**	7405.500	41.25	2.22	54.0	12.75	AV	168.00	150	Vertical	Pass
6	11267.500	47.99	-3.93	74.0	26.01	Peak	6.00	150	Vertical	Pass
6**	11267.500	36.88	-3.93	54.0	17.12	AV	6.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.250	43.15	-17.99	74.0	30.85	Peak	113.00	150	Horizontal	Pass
1**	1064.250	26.88	-17.99	54.0	27.12	AV	113.00	150	Horizontal	Pass
2	2847.250	45.34	-8.29	74.0	28.66	Peak	233.00	150	Horizontal	Pass
2**	2847.250	33.93	-8.29	54.0	20.07	AV	233.00	150	Horizontal	Pass
3	3655.000	47.02	-4.52	74.0	26.98	Peak	201.00	150	Horizontal	Pass
3**	3655.000	35.06	-4.52	54.0	18.94	AV	201.00	150	Horizontal	Pass
4	5183.500	101.45	-1.30	--	54.55	Peak	156.00	150	Horizontal	N/A
4**	5183.500	92.79	-1.30	--	-92.79	AV	156.00	150	Horizontal	N/A
5	7407.000	53.49	2.24	74.0	20.51	Peak	169.00	150	Horizontal	Pass
5**	7407.000	41.86	2.24	54.0	12.14	AV	169.00	150	Horizontal	Pass
6	11337.500	48.81	-3.99	74.0	25.19	Peak	29.00	150	Horizontal	Pass
6**	11337.500	38.18	-3.99	54.0	15.82	AV	29.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	49.44	-17.96	74.0	24.56	Peak	93.00	150	Vertical	Pass
1**	1062.500	33.23	-17.96	54.0	20.77	AV	93.00	150	Vertical	Pass
2	2773.250	46.26	-8.73	74.0	27.74	Peak	97.00	150	Vertical	Pass
2**	2773.250	33.81	-8.73	54.0	20.19	AV	97.00	150	Vertical	Pass
3	4311.500	47.49	-3.85	74.0	26.51	Peak	293.00	150	Vertical	Pass
3**	4311.500	35.86	-3.85	54.0	18.14	AV	293.00	150	Vertical	Pass
4	5232.000	103.60	-2.02	--	4.40	Peak	108.00	150	Vertical	N/A
4**	5232.000	95.47	-2.02	--	-95.47	AV	108.00	150	Vertical	N/A
5	7532.500	53.00	1.89	74.0	21.00	Peak	115.00	150	Vertical	Pass
5**	7532.500	41.30	1.89	54.0	12.70	AV	115.00	150	Vertical	Pass
6	11604.000	48.51	-2.52	74.0	25.49	Peak	355.00	150	Vertical	Pass
6**	11604.000	37.64	-2.52	54.0	16.36	AV	355.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.250	44.20	-17.94	74.0	29.80	Peak	125.00	150	Horizontal	Pass
1**	1061.250	27.07	-17.94	54.0	26.93	AV	125.00	150	Horizontal	Pass
2	2762.500	45.16	-9.03	74.0	28.84	Peak	352.00	150	Horizontal	Pass
2**	2762.500	33.23	-9.03	54.0	20.77	AV	352.00	150	Horizontal	Pass
3	4186.000	46.98	-3.70	74.0	27.02	Peak	171.00	150	Horizontal	Pass
3**	4186.000	35.42	-3.70	54.0	18.58	AV	171.00	150	Horizontal	Pass
4	5234.500	100.29	-1.94	--	49.71	Peak	150.00	150	Horizontal	N/A
4**	5234.500	91.76	-1.94	--	-91.76	AV	150.00	150	Horizontal	N/A
5	7421.000	53.13	1.73	74.0	20.87	Peak	277.00	150	Horizontal	Pass
5**	7421.000	41.58	1.73	54.0	12.42	AV	277.00	150	Horizontal	Pass
6	11845.500	48.37	-3.06	74.0	25.63	Peak	27.00	150	Horizontal	Pass
6**	11845.500	37.69	-3.06	54.0	16.31	AV	27.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	50.99	-17.95	74.0	23.01	Peak	92.00	150	Vertical	Pass
1**	1062.000	30.66	-17.95	54.0	23.34	AV	92.00	150	Vertical	Pass
2	2779.000	44.47	-8.61	74.0	29.53	Peak	44.00	150	Vertical	Pass
2**	2779.000	33.16	-8.61	54.0	20.84	AV	44.00	150	Vertical	Pass
3	4181.000	46.75	-3.70	74.0	27.25	Peak	126.00	150	Vertical	Pass
3**	4181.000	35.81	-3.70	54.0	18.19	AV	126.00	150	Vertical	Pass
4	5185.000	106.77	-1.29	--	1.23	Peak	108.00	150	Vertical	N/A
4**	5185.000	99.21	-1.29	--	-99.21	AV	108.00	150	Vertical	N/A
5	7621.500	53.24	1.06	74.0	20.76	Peak	301.00	150	Vertical	Pass
5**	7621.500	41.19	1.06	54.0	12.81	AV	301.00	150	Vertical	Pass
6	11551.000	49.53	-2.40	74.0	24.47	Peak	102.00	150	Vertical	Pass
6**	11551.000	37.78	-2.40	54.0	16.22	AV	102.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.250	43.20	-17.94	74.0	30.80	Peak	40.00	150	Horizontal	Pass
1**	1061.250	26.06	-17.94	54.0	27.94	AV	40.00	150	Horizontal	Pass
2	2787.250	46.44	-8.20	74.0	27.56	Peak	22.00	150	Horizontal	Pass
2**	2787.250	33.43	-8.20	54.0	20.57	AV	22.00	150	Horizontal	Pass
3	4342.500	47.88	-3.39	74.0	26.12	Peak	360.00	150	Horizontal	Pass
3**	4342.500	35.54	-3.39	54.0	18.46	AV	360.00	150	Horizontal	Pass
4	5178.000	103.59	-1.35	--	52.41	Peak	156.00	150	Horizontal	N/A
4**	5178.000	95.15	-1.35	--	-95.15	AV	156.00	150	Horizontal	N/A
5	7354.500	53.54	1.00	74.0	20.46	Peak	184.00	150	Horizontal	Pass
5**	7354.500	40.95	1.00	54.0	13.05	AV	184.00	150	Horizontal	Pass
6	12539.000	48.66	-1.59	74.0	25.34	Peak	2.00	150	Horizontal	Pass
6**	12539.000	37.71	-1.59	54.0	16.29	AV	2.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	46.20	-17.98	74.0	27.80	Peak	111.00	150	Vertical	Pass
1**	1063.750	30.03	-17.98	54.0	23.97	AV	111.00	150	Vertical	Pass
2	2772.250	45.96	-8.75	74.0	28.04	Peak	98.00	150	Vertical	Pass
2**	2772.250	32.68	-8.75	54.0	21.32	AV	98.00	150	Vertical	Pass
3	4000.500	48.14	-4.77	74.0	25.86	Peak	94.00	150	Vertical	Pass
3**	4000.500	33.61	-4.77	54.0	20.39	AV	94.00	150	Vertical	Pass
4	5216.000	106.79	-1.34	--	0.21	Peak	107.00	150	Vertical	N/A
4**	5216.000	98.35	-1.34	--	-98.35	AV	107.00	150	Vertical	N/A
5	7609.000	53.14	1.10	74.0	20.86	Peak	345.00	150	Vertical	Pass
5**	7609.000	41.69	1.10	54.0	12.31	AV	345.00	150	Vertical	Pass
6	10949.000	49.29	-3.11	74.0	24.71	Peak	276.00	150	Vertical	Pass
6**	10949.000	38.05	-3.11	54.0	15.95	AV	276.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.500	44.57	-18.03	74.0	29.43	Peak	106.00	150	Horizontal	Pass
1**	1066.500	28.41	-18.03	54.0	25.59	AV	106.00	150	Horizontal	Pass
2	2791.000	45.06	-8.10	74.0	28.94	Peak	281.00	150	Horizontal	Pass
2**	2791.000	32.61	-8.10	54.0	21.39	AV	281.00	150	Horizontal	Pass
3	4155.000	46.46	-4.09	74.0	27.54	Peak	258.00	150	Horizontal	Pass
3**	4155.000	34.83	-4.09	54.0	19.17	AV	258.00	150	Horizontal	Pass
4	5216.000	103.57	-1.34	--	56.43	Peak	160.00	150	Horizontal	N/A
4**	5216.000	94.73	-1.34	--	-94.73	AV	160.00	150	Horizontal	N/A
5	7325.500	53.85	1.23	74.0	20.15	Peak	292.00	150	Horizontal	Pass
5**	7325.500	41.77	1.23	54.0	12.23	AV	292.00	150	Horizontal	Pass
6	12050.500	48.45	-2.58	74.0	25.55	Peak	0.00	150	Horizontal	Pass
6**	12050.500	36.86	-2.58	54.0	17.14	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.750	46.56	-18.00	74.0	27.44	Peak	97.00	150	Vertical	Pass
1**	1064.750	32.14	-18.00	54.0	21.86	AV	97.00	150	Vertical	Pass
2	2796.750	45.01	-8.41	74.0	28.99	Peak	22.00	150	Vertical	Pass
2**	2796.750	32.78	-8.41	54.0	21.22	AV	22.00	150	Vertical	Pass
3	3990.000	46.29	-4.49	74.0	27.71	Peak	90.00	150	Vertical	Pass
3**	3990.000	33.91	-4.49	54.0	20.09	AV	90.00	150	Vertical	Pass
4	5237.000	106.49	-2.00	--	-0.49	Peak	106.00	150	Vertical	N/A
4**	5237.000	98.39	-2.00	--	-98.39	AV	106.00	150	Vertical	N/A
5	7389.500	53.03	1.68	74.0	20.97	Peak	1.00	150	Vertical	Pass
5**	7389.500	41.40	1.68	54.0	12.60	AV	1.00	150	Vertical	Pass
6	11890.000	48.07	-3.40	74.0	25.93	Peak	360.00	150	Vertical	Pass
6**	11890.000	37.30	-3.40	54.0	16.70	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.250	42.82	-18.03	74.0	31.18	Peak	156.00	150	Horizontal	Pass
1**	1066.250	28.71	-18.03	54.0	25.29	AV	156.00	150	Horizontal	Pass
2	2832.750	45.33	-8.12	74.0	28.67	Peak	89.00	150	Horizontal	Pass
2**	2832.750	33.03	-8.12	54.0	20.97	AV	89.00	150	Horizontal	Pass
3	4292.000	47.19	-3.86	74.0	26.81	Peak	265.00	150	Horizontal	Pass
3**	4292.000	36.00	-3.86	54.0	18.00	AV	265.00	150	Horizontal	Pass
4	5242.500	102.72	-2.02	--	42.28	Peak	145.00	150	Horizontal	N/A
4**	5242.500	94.46	-2.02	--	-94.46	AV	145.00	150	Horizontal	N/A
5	7412.000	54.03	2.19	74.0	19.97	Peak	36.00	150	Horizontal	Pass
5**	7412.000	41.79	2.19	54.0	12.21	AV	36.00	150	Horizontal	Pass
6	12377.000	48.74	-1.73	74.0	25.26	Peak	28.00	150	Horizontal	Pass
6**	12377.000	37.40	-1.73	54.0	16.60	AV	28.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	44.25	-17.95	74.0	29.75	Peak	125.00	150	Vertical	Pass
1**	1061.750	25.79	-17.95	54.0	28.21	AV	125.00	150	Vertical	Pass
2	2764.250	44.67	-8.98	74.0	29.33	Peak	96.00	150	Vertical	Pass
2**	2764.250	32.58	-8.98	54.0	21.42	AV	96.00	150	Vertical	Pass
3	4294.500	46.99	-3.85	74.0	27.01	Peak	340.00	150	Vertical	Pass
3**	4294.500	35.18	-3.85	54.0	18.82	AV	340.00	150	Vertical	Pass
4	5192.500	103.43	-1.28	--	1.57	Peak	105.00	150	Vertical	N/A
4**	5192.500	95.13	-1.28	--	-95.13	AV	105.00	150	Vertical	N/A
5	7539.000	53.16	1.79	74.0	20.84	Peak	95.00	150	Vertical	Pass
5**	7539.000	41.57	1.79	54.0	12.43	AV	95.00	150	Vertical	Pass
6	12117.000	49.79	-2.41	74.0	24.21	Peak	245.00	150	Vertical	Pass
6**	12117.000	38.07	-2.41	54.0	15.93	AV	245.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	45.71	-17.95	74.0	28.29	Peak	123.00	150	Horizontal	Pass
1**	1062.000	30.03	-17.95	54.0	23.97	AV	123.00	150	Horizontal	Pass
2	2770.750	45.06	-8.78	74.0	28.94	Peak	186.00	150	Horizontal	Pass
2**	2770.750	32.57	-8.78	54.0	21.43	AV	186.00	150	Horizontal	Pass
3	4312.500	47.69	-3.85	74.0	26.31	Peak	332.00	150	Horizontal	Pass
3**	4312.500	35.89	-3.85	54.0	18.11	AV	332.00	150	Horizontal	Pass
4	5194.000	100.20	-1.29	--	56.80	Peak	157.00	150	Horizontal	N/A
4**	5194.000	91.58	-1.29	--	-91.58	AV	157.00	150	Horizontal	N/A
5	7555.500	53.15	1.18	74.0	20.85	Peak	204.00	150	Horizontal	Pass
5**	7555.500	41.16	1.18	54.0	12.84	AV	204.00	150	Horizontal	Pass
6	11367.999	48.94	-4.06	74.0	25.06	Peak	64.00	150	Horizontal	Pass
6**	11367.999	37.24	-4.06	54.0	16.76	AV	64.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.250	50.64	-18.01	74.0	23.36	Peak	84.00	150	Vertical	Pass
1**	1065.250	26.05	-18.01	54.0	27.95	AV	84.00	150	Vertical	Pass
2	2761.750	45.11	-9.06	74.0	28.89	Peak	360.00	150	Vertical	Pass
2**	2761.750	33.21	-9.06	54.0	20.79	AV	360.00	150	Vertical	Pass
3	3994.000	47.68	-4.59	74.0	26.32	Peak	84.00	150	Vertical	Pass
3**	3994.000	33.91	-4.59	54.0	20.09	AV	84.00	150	Vertical	Pass
4	5242.500	103.27	-2.02	--	3.73	Peak	107.00	150	Vertical	N/A
4**	5242.500	95.41	-2.02	--	-95.41	AV	107.00	150	Vertical	N/A
5	7598.000	52.60	1.23	74.0	21.40	Peak	145.00	150	Vertical	Pass
5**	7598.000	41.27	1.23	54.0	12.73	AV	145.00	150	Vertical	Pass
6	11969.500	48.60	-3.34	74.0	25.40	Peak	339.00	150	Vertical	Pass
6**	11969.500	36.70	-3.34	54.0	17.30	AV	339.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	46.12	-18.00	74.0	27.88	Peak	125.00	150	Horizontal	Pass
1**	1064.500	28.82	-18.00	54.0	25.18	AV	125.00	150	Horizontal	Pass
2	2839.750	45.09	-8.20	74.0	28.91	Peak	29.00	150	Horizontal	Pass
2**	2839.750	32.91	-8.20	54.0	21.09	AV	29.00	150	Horizontal	Pass
3	4188.500	46.56	-3.70	74.0	27.44	Peak	342.00	150	Horizontal	Pass
3**	4188.500	34.89	-3.70	54.0	19.11	AV	342.00	150	Horizontal	Pass
4	5237.500	100.04	-2.01	--	51.96	Peak	152.00	150	Horizontal	N/A
4**	5237.500	91.23	-2.01	--	-91.23	AV	152.00	150	Horizontal	N/A
5	7413.500	53.27	2.11	74.0	20.73	Peak	344.00	150	Horizontal	Pass
5**	7413.500	42.32	2.11	54.0	11.68	AV	344.00	150	Horizontal	Pass
6	11618.500	48.96	-2.50	74.0	25.04	Peak	49.00	150	Horizontal	Pass
6**	11618.500	37.48	-2.50	54.0	16.52	AV	49.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1366.250	40.22	-15.48	74.0	33.78	Peak	181.00	150	Vertical	Pass
1**	1366.250	28.23	-15.48	54.0	25.77	AV	181.00	150	Vertical	Pass
2	2842.750	45.01	-7.55	74.0	28.99	Peak	319.00	150	Vertical	Pass
2**	2842.750	34.33	-7.55	54.0	19.67	AV	319.00	150	Vertical	Pass
3	4210.000	47.54	-2.30	74.0	26.46	Peak	2.00	150	Vertical	Pass
3**	4210.000	37.11	-2.30	54.0	16.89	AV	2.00	150	Vertical	Pass
4	5199.000	104.63	-1.00	--	-104.63	Peak	0.00	150	Vertical	N/A
4**	5199.000	95.89	-1.00	--	-95.89	AV	0.00	150	Vertical	N/A
5	8334.162	51.41	0.65	74.0	22.59	Peak	359.00	150	Vertical	Pass
5**	8334.162	40.28	0.65	54.0	13.72	AV	359.00	150	Vertical	Pass
6	11613.088	51.68	1.88	74.0	22.32	Peak	152.00	150	Vertical	Pass
6**	11613.088	40.80	1.88	54.0	13.20	AV	152.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.500	39.70	-15.25	74.0	34.30	Peak	144.00	150	Horizontal	Pass
1**	1558.500	28.27	-15.25	54.0	25.73	AV	144.00	150	Horizontal	Pass
2	2228.750	42.45	-11.70	74.0	31.55	Peak	0.00	150	Horizontal	Pass
2**	2228.750	31.54	-11.70	54.0	22.46	AV	0.00	150	Horizontal	Pass
3	4276.000	48.83	-2.36	74.0	25.17	Peak	360.00	150	Horizontal	Pass
3**	4276.000	37.50	-2.36	54.0	16.50	AV	360.00	150	Horizontal	Pass
4	5199.000	91.24	-1.00	--	209.76	Peak	301.00	150	Horizontal	N/A
4**	5199.000	79.99	-1.00	--	-79.99	AV	301.00	150	Horizontal	N/A
5	8371.450	50.88	1.05	74.0	23.12	Peak	0.00	150	Horizontal	Pass
5**	8371.450	41.20	1.05	54.0	12.80	AV	0.00	150	Horizontal	Pass
6	12055.312	51.72	1.91	74.0	22.28	Peak	53.00	150	Horizontal	Pass
6**	12055.312	41.21	1.91	54.0	12.79	AV	53.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.750	47.33	-18.02	74.0	26.67	Peak	117.00	150	Vertical	Pass
1**	1065.750	29.97	-18.02	54.0	24.03	AV	117.00	150	Vertical	Pass
2	2776.250	46.29	-8.67	74.0	27.71	Peak	22.00	150	Vertical	Pass
2**	2776.250	33.05	-8.67	54.0	20.95	AV	22.00	150	Vertical	Pass
3	4248.000	49.45	-4.19	74.0	24.55	Peak	130.00	150	Vertical	Pass
3**	4248.000	35.39	-4.19	54.0	18.61	AV	130.00	150	Vertical	Pass
4	5256.000	108.12	-1.94	--	2.88	Peak	111.00	150	Vertical	N/A
4**	5256.000	99.91	-1.94	--	-99.91	AV	111.00	150	Vertical	N/A
5	7415.000	53.55	2.03	74.0	20.45	Peak	171.00	150	Vertical	Pass
5**	7415.000	42.04	2.03	54.0	11.96	AV	171.00	150	Vertical	Pass
6	11491.500	48.81	-3.00	74.0	25.19	Peak	355.00	150	Vertical	Pass
6**	11491.500	37.92	-3.00	54.0	16.08	AV	355.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.750	44.31	-17.97	74.0	29.69	Peak	127.00	150	Horizontal	Pass
1**	1062.750	26.40	-17.97	54.0	27.60	AV	127.00	150	Horizontal	Pass
2	2764.750	45.91	-8.96	74.0	28.09	Peak	18.00	150	Horizontal	Pass
2**	2764.750	32.87	-8.96	54.0	21.13	AV	18.00	150	Horizontal	Pass
3	4211.500	47.86	-3.94	74.0	26.14	Peak	353.00	150	Horizontal	Pass
3**	4211.500	34.63	-3.94	54.0	19.37	AV	353.00	150	Horizontal	Pass
4	5256.000	104.05	-1.94	--	60.95	Peak	165.00	150	Horizontal	N/A
4**	5256.000	95.77	-1.94	--	-95.77	AV	165.00	150	Horizontal	N/A
5	7349.000	53.32	1.00	74.0	20.68	Peak	41.00	150	Horizontal	Pass
5**	7349.000	41.75	1.00	54.0	12.25	AV	41.00	150	Horizontal	Pass
6	12017.500	47.80	-2.50	74.0	26.20	Peak	42.00	150	Horizontal	Pass
6**	12017.500	38.06	-2.50	54.0	15.94	AV	42.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.250	48.91	-17.98	74.0	25.09	Peak	84.00	150	Vertical	Pass
1**	1063.250	31.30	-17.98	54.0	22.70	AV	84.00	150	Vertical	Pass
2	2807.750	44.73	-8.99	74.0	29.27	Peak	360.00	150	Vertical	Pass
2**	2807.750	32.61	-8.99	54.0	21.39	AV	360.00	150	Vertical	Pass
3	3999.000	45.79	-4.73	74.0	28.21	Peak	54.00	150	Vertical	Pass
3**	3999.000	33.42	-4.73	54.0	20.58	AV	54.00	150	Vertical	Pass
4	5293.000	108.20	-1.35	--	1.80	Peak	110.00	150	Vertical	N/A
4**	5293.000	99.77	-1.35	--	-99.77	AV	110.00	150	Vertical	N/A
5	7402.500	54.44	2.16	74.0	19.56	Peak	16.00	150	Vertical	Pass
5**	7402.500	41.65	2.16	54.0	12.35	AV	16.00	150	Vertical	Pass
6	12001.000	48.78	-2.59	74.0	25.22	Peak	255.00	150	Vertical	Pass
6**	12001.000	38.20	-2.59	54.0	15.80	AV	255.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.500	44.72	-17.98	74.0	29.28	Peak	110.00	150	Horizontal	Pass
1**	1063.500	30.17	-17.98	54.0	23.83	AV	110.00	150	Horizontal	Pass
2	2841.750	45.14	-8.23	74.0	28.86	Peak	80.00	150	Horizontal	Pass
2**	2841.750	32.72	-8.23	54.0	21.28	AV	80.00	150	Horizontal	Pass
3	4192.000	46.64	-3.69	74.0	27.36	Peak	356.00	150	Horizontal	Pass
3**	4192.000	35.31	-3.69	54.0	18.69	AV	356.00	150	Horizontal	Pass
4	5303.500	106.12	-1.24	--	45.88	Peak	152.00	150	Horizontal	N/A
4**	5303.500	98.25	-1.24	--	-98.25	AV	152.00	150	Horizontal	N/A
5	7385.000	53.29	1.61	74.0	20.71	Peak	8.00	150	Horizontal	Pass
5**	7385.000	41.72	1.61	54.0	12.28	AV	8.00	150	Horizontal	Pass
6	12492.000	49.04	-1.83	74.0	24.96	Peak	38.00	150	Horizontal	Pass
6**	12492.000	37.10	-1.83	54.0	16.90	AV	38.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	47.37	-17.98	74.0	26.63	Peak	112.00	150	Vertical	Pass
1**	1063.750	29.85	-17.98	54.0	24.15	AV	112.00	150	Vertical	Pass
2	2765.750	45.48	-8.93	74.0	28.52	Peak	122.00	150	Vertical	Pass
2**	2765.750	32.48	-8.93	54.0	21.52	AV	122.00	150	Vertical	Pass
3	4181.500	48.45	-3.70	74.0	25.55	Peak	94.00	150	Vertical	Pass
3**	4181.500	35.44	-3.70	54.0	18.56	AV	94.00	150	Vertical	Pass
4	5326.500	107.77	-1.51	--	4.23	Peak	112.00	150	Vertical	N/A
4**	5326.500	99.55	-1.51	--	-99.55	AV	112.00	150	Vertical	N/A
5	7558.500	54.06	1.06	74.0	19.94	Peak	82.00	150	Vertical	Pass
5**	7558.500	41.03	1.06	54.0	12.97	AV	82.00	150	Vertical	Pass
6	12537.500	49.40	-1.64	74.0	24.60	Peak	287.00	150	Vertical	Pass
6**	12537.500	38.80	-1.64	54.0	15.20	AV	287.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.500	46.21	-17.95	74.0	27.79	Peak	38.00	150	Horizontal	Pass
1**	1061.500	27.05	-17.95	54.0	26.95	AV	38.00	150	Horizontal	Pass
2	2754.750	44.19	-9.19	74.0	29.81	Peak	80.00	150	Horizontal	Pass
2**	2754.750	32.42	-9.19	54.0	21.58	AV	80.00	150	Horizontal	Pass
3	4301.500	47.38	-3.84	74.0	26.62	Peak	250.00	150	Horizontal	Pass
3**	4301.500	35.45	-3.84	54.0	18.55	AV	250.00	150	Horizontal	Pass
4	5321.000	106.13	-1.36	--	43.87	Peak	150.00	150	Horizontal	N/A
4**	5321.000	96.53	-1.36	--	-96.53	AV	150.00	150	Horizontal	N/A
5	7635.000	53.53	1.06	74.0	20.47	Peak	0.00	150	Horizontal	Pass
5**	7635.000	41.40	1.06	54.0	12.60	AV	0.00	150	Horizontal	Pass
6	12111.000	49.01	-2.45	74.0	24.99	Peak	183.00	150	Horizontal	Pass
6**	12111.000	38.30	-2.45	54.0	15.70	AV	183.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.000	47.20	-17.97	74.0	26.80	Peak	98.00	150	Vertical	Pass
1**	1063.000	29.35	-17.97	54.0	24.65	AV	98.00	150	Vertical	Pass
2	2820.500	45.21	-8.72	74.0	28.79	Peak	211.00	150	Vertical	Pass
2**	2820.500	32.81	-8.72	54.0	21.19	AV	211.00	150	Vertical	Pass
3	4174.000	47.37	-3.74	74.0	26.63	Peak	60.00	150	Vertical	Pass
3**	4174.000	35.41	-3.74	54.0	18.59	AV	60.00	150	Vertical	Pass
4	5266.000	106.66	-1.86	--	5.34	Peak	112.00	150	Vertical	N/A
4**	5266.000	98.80	-1.86	--	-98.80	AV	112.00	150	Vertical	N/A
5	7572.000	53.51	1.05	74.0	20.49	Peak	206.00	150	Vertical	Pass
5**	7572.000	41.46	1.05	54.0	12.54	AV	206.00	150	Vertical	Pass
6	11037.000	48.96	-2.62	74.0	25.04	Peak	225.00	150	Vertical	Pass
6**	11037.000	37.48	-2.62	54.0	16.52	AV	225.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	43.94	-18.01	74.0	30.06	Peak	128.00	150	Horizontal	Pass
1**	1065.000	30.93	-18.01	54.0	23.07	AV	128.00	150	Horizontal	Pass
2	2833.500	44.94	-8.13	74.0	29.06	Peak	172.00	150	Horizontal	Pass
2**	2833.500	33.23	-8.13	54.0	20.77	AV	172.00	150	Horizontal	Pass
3	4176.500	46.04	-3.72	74.0	27.96	Peak	306.00	150	Horizontal	Pass
3**	4176.500	35.88	-3.72	54.0	18.12	AV	306.00	150	Horizontal	Pass
4	5265.000	104.03	-1.88	--	46.97	Peak	151.00	150	Horizontal	N/A
4**	5265.000	96.00	-1.88	--	-96.00	AV	151.00	150	Horizontal	N/A
5	7418.500	53.59	1.85	74.0	20.41	Peak	201.00	150	Horizontal	Pass
5**	7418.500	42.03	1.85	54.0	11.97	AV	201.00	150	Horizontal	Pass
6	11555.000	49.41	-2.42	74.0	24.59	Peak	193.00	150	Horizontal	Pass
6**	11555.000	38.15	-2.42	54.0	15.85	AV	193.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.500	47.19	-17.95	74.0	26.81	Peak	122.00	150	Vertical	Pass
1**	1061.500	25.97	-17.95	54.0	28.03	AV	122.00	150	Vertical	Pass
2	2781.000	45.42	-8.53	74.0	28.58	Peak	163.00	150	Vertical	Pass
2**	2781.000	32.36	-8.53	54.0	21.64	AV	163.00	150	Vertical	Pass
3	3994.000	48.77	-4.59	74.0	25.23	Peak	93.00	150	Vertical	Pass
3**	3994.000	33.63	-4.59	54.0	20.37	AV	93.00	150	Vertical	Pass
4	5307.000	108.05	-1.24	--	3.95	Peak	112.00	150	Vertical	N/A
4**	5307.000	99.74	-1.24	--	-99.74	AV	112.00	150	Vertical	N/A
5	7394.000	53.79	1.86	74.0	20.21	Peak	185.00	150	Vertical	Pass
5**	7394.000	41.73	1.86	54.0	12.27	AV	185.00	150	Vertical	Pass
6	12112.500	48.96	-2.44	74.0	25.04	Peak	359.00	150	Vertical	Pass
6**	12112.500	37.74	-2.44	54.0	16.26	AV	359.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	46.49	-18.00	74.0	27.51	Peak	110.00	150	Horizontal	Pass
1**	1064.500	29.62	-18.00	54.0	24.38	AV	110.00	150	Horizontal	Pass
2	2839.000	45.36	-8.19	74.0	28.64	Peak	304.00	150	Horizontal	Pass
2**	2839.000	32.82	-8.19	54.0	21.18	AV	304.00	150	Horizontal	Pass
3	4306.000	47.66	-3.85	74.0	26.34	Peak	200.00	150	Horizontal	Pass
3**	4306.000	35.90	-3.85	54.0	18.10	AV	200.00	150	Horizontal	Pass
4	5302.000	106.36	-1.24	--	46.64	Peak	153.00	150	Horizontal	N/A
4**	5302.000	97.35	-1.24	--	-97.35	AV	153.00	150	Horizontal	N/A
5	7406.500	53.92	2.23	74.0	20.08	Peak	28.00	150	Horizontal	Pass
5**	7406.500	41.74	2.23	54.0	12.26	AV	28.00	150	Horizontal	Pass
6	11854.000	48.32	-3.08	74.0	25.68	Peak	100.00	150	Horizontal	Pass
6**	11854.000	38.20	-3.08	54.0	15.80	AV	100.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.000	44.84	-17.97	74.0	29.16	Peak	130.00	150	Vertical	Pass
1**	1063.000	32.63	-17.97	54.0	21.37	AV	130.00	150	Vertical	Pass
2	2836.250	45.54	-8.16	74.0	28.46	Peak	278.00	150	Vertical	Pass
2**	2836.250	33.41	-8.16	54.0	20.59	AV	278.00	150	Vertical	Pass
3	3770.500	47.38	-4.11	74.0	26.62	Peak	38.00	150	Vertical	Pass
3**	3770.500	34.50	-4.11	54.0	19.50	AV	38.00	150	Vertical	Pass
4	5326.500	106.79	-1.51	--	3.21	Peak	110.00	150	Vertical	N/A
4**	5326.500	98.61	-1.51	--	-98.61	AV	110.00	150	Vertical	N/A
5	7467.000	54.26	1.23	74.0	19.74	Peak	0.00	150	Vertical	Pass
5**	7467.000	40.83	1.23	54.0	13.17	AV	0.00	150	Vertical	Pass
6	12293.500	48.28	-1.33	74.0	25.72	Peak	310.00	150	Vertical	Pass
6**	12293.500	37.59	-1.33	54.0	16.41	AV	310.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.750	46.09	-17.97	74.0	27.91	Peak	133.00	150	Horizontal	Pass
1**	1062.750	26.84	-17.97	54.0	27.16	AV	133.00	150	Horizontal	Pass
2	2760.500	45.61	-9.09	74.0	28.39	Peak	64.00	150	Horizontal	Pass
2**	2760.500	32.87	-9.09	54.0	21.13	AV	64.00	150	Horizontal	Pass
3	3764.000	46.47	-3.78	74.0	27.53	Peak	317.00	150	Horizontal	Pass
3**	3764.000	33.90	-3.78	54.0	20.10	AV	317.00	150	Horizontal	Pass
4	5314.000	106.17	-1.28	--	45.83	Peak	152.00	150	Horizontal	N/A
4**	5314.000	97.93	-1.28	--	-97.93	AV	152.00	150	Horizontal	N/A
5	7332.500	53.71	1.19	74.0	20.29	Peak	141.00	150	Horizontal	Pass
5**	7332.500	41.82	1.19	54.0	12.18	AV	141.00	150	Horizontal	Pass
6	12100.000	48.80	-2.56	74.0	25.20	Peak	79.00	150	Horizontal	Pass
6**	12100.000	38.52	-2.56	54.0	15.48	AV	79.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.000	48.82	-17.97	74.0	25.18	Peak	85.00	150	Vertical	Pass
1**	1063.000	33.16	-17.97	54.0	20.84	AV	85.00	150	Vertical	Pass
2	2765.500	45.82	-8.94	74.0	28.18	Peak	100.00	150	Vertical	Pass
2**	2765.500	32.56	-8.94	54.0	21.44	AV	100.00	150	Vertical	Pass
3	4167.500	46.69	-3.80	74.0	27.31	Peak	119.00	150	Vertical	Pass
3**	4167.500	35.26	-3.80	54.0	18.74	AV	119.00	150	Vertical	Pass
4	5276.500	104.79	-1.69	--	0.21	Peak	105.00	150	Vertical	N/A
4**	5276.500	95.82	-1.69	--	-95.82	AV	105.00	150	Vertical	N/A
5	7378.000	53.68	1.49	74.0	20.32	Peak	288.00	150	Vertical	Pass
5**	7378.000	41.29	1.49	54.0	12.71	AV	288.00	150	Vertical	Pass
6	12123.000	48.37	-2.40	74.0	25.63	Peak	357.00	150	Vertical	Pass
6**	12123.000	38.02	-2.40	54.0	15.98	AV	357.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.000	43.37	-17.99	74.0	30.63	Peak	145.00	150	Horizontal	Pass
1**	1064.000	26.77	-17.99	54.0	27.23	AV	145.00	150	Horizontal	Pass
2	2769.000	45.48	-8.83	74.0	28.52	Peak	63.00	150	Horizontal	Pass
2**	2769.000	32.72	-8.83	54.0	21.28	AV	63.00	150	Horizontal	Pass
3	4120.000	47.31	-4.34	74.0	26.69	Peak	138.00	150	Horizontal	Pass
3**	4120.000	35.25	-4.34	54.0	18.75	AV	138.00	150	Horizontal	Pass
4	5284.500	102.05	-1.53	--	49.95	Peak	152.00	150	Horizontal	N/A
4**	5284.500	94.32	-1.53	--	-94.32	AV	152.00	150	Horizontal	N/A
5	7704.500	53.63	1.07	74.0	20.37	Peak	206.00	150	Horizontal	Pass
5**	7704.500	41.11	1.07	54.0	12.89	AV	206.00	150	Horizontal	Pass
6	12052.500	48.67	-2.65	74.0	25.33	Peak	95.00	150	Horizontal	Pass
6**	12052.500	38.32	-2.65	54.0	15.68	AV	95.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.750	49.02	-18.00	74.0	24.98	Peak	94.00	150	Vertical	Pass
1**	1064.750	29.54	-18.00	54.0	24.46	AV	94.00	150	Vertical	Pass
2	2770.250	46.95	-8.79	74.0	27.05	Peak	101.00	150	Vertical	Pass
2**	2770.250	34.34	-8.79	54.0	19.66	AV	101.00	150	Vertical	Pass
3	3998.500	47.94	-4.72	74.0	26.06	Peak	157.00	150	Vertical	Pass
3**	3998.500	33.77	-4.72	54.0	20.23	AV	157.00	150	Vertical	Pass
4	5303.500	104.97	-1.24	--	7.03	Peak	112.00	150	Vertical	N/A
4**	5303.500	96.55	-1.24	--	-96.55	AV	112.00	150	Vertical	N/A
5	7461.500	53.43	1.25	74.0	20.57	Peak	337.00	150	Vertical	Pass
5**	7461.500	41.59	1.25	54.0	12.41	AV	337.00	150	Vertical	Pass
6	11870.500	48.20	-3.25	74.0	25.80	Peak	360.00	150	Vertical	Pass
6**	11870.500	37.67	-3.25	54.0	16.33	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	44.72	-17.98	74.0	29.28	Peak	108.00	150	Horizontal	Pass
1**	1063.750	30.59	-17.98	54.0	23.41	AV	108.00	150	Horizontal	Pass
2	2817.750	44.90	-8.83	74.0	29.10	Peak	247.00	150	Horizontal	Pass
2**	2817.750	32.79	-8.83	54.0	21.21	AV	247.00	150	Horizontal	Pass
3	4029.500	45.80	-4.59	74.0	28.20	Peak	210.00	150	Horizontal	Pass
3**	4029.500	34.24	-4.59	54.0	19.76	AV	210.00	150	Horizontal	Pass
4	5324.000	103.32	-1.44	--	48.68	Peak	152.00	150	Horizontal	N/A
4**	5324.000	95.48	-1.44	--	-95.48	AV	152.00	150	Horizontal	N/A
5	7407.000	53.20	2.24	74.0	20.80	Peak	21.00	150	Horizontal	Pass
5**	7407.000	42.29	2.24	54.0	11.71	AV	21.00	150	Horizontal	Pass
6	12003.500	48.35	-2.55	74.0	25.65	Peak	0.00	150	Horizontal	Pass
6**	12003.500	38.21	-2.55	54.0	15.79	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.250	46.91	-17.98	74.0	27.09	Peak	133.00	150	Vertical	Pass
1**	1063.250	29.38	-17.98	54.0	24.62	AV	133.00	150	Vertical	Pass
2	2763.750	45.51	-8.99	74.0	28.49	Peak	24.00	150	Vertical	Pass
2**	2763.750	32.64	-8.99	54.0	21.36	AV	24.00	150	Vertical	Pass
3	4201.500	47.43	-3.70	74.0	26.57	Peak	87.00	150	Vertical	Pass
3**	4201.500	35.53	-3.70	54.0	18.47	AV	87.00	150	Vertical	Pass
4	5259.000	107.82	-1.94	--	4.18	Peak	112.00	150	Vertical	N/A
4**	5259.000	98.46	-1.94	--	-98.46	AV	112.00	150	Vertical	N/A
5	7342.000	53.95	1.07	74.0	20.05	Peak	329.00	150	Vertical	Pass
5**	7342.000	41.77	1.07	54.0	12.23	AV	329.00	150	Vertical	Pass
6	12020.500	49.14	-2.51	74.0	24.86	Peak	208.00	150	Vertical	Pass
6**	12020.500	38.80	-2.51	54.0	15.20	AV	208.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	45.04	-17.95	74.0	28.96	Peak	46.00	150	Horizontal	Pass
1**	1062.000	28.08	-17.95	54.0	25.92	AV	46.00	150	Horizontal	Pass
2	2775.750	45.17	-8.68	74.0	28.83	Peak	32.00	150	Horizontal	Pass
2**	2775.750	32.64	-8.68	54.0	21.36	AV	32.00	150	Horizontal	Pass
3	4177.500	47.17	-3.72	74.0	26.83	Peak	35.00	150	Horizontal	Pass
3**	4177.500	35.58	-3.72	54.0	18.42	AV	35.00	150	Horizontal	Pass
4	5265.000	105.20	-1.88	--	47.80	Peak	153.00	150	Horizontal	N/A
4**	5265.000	96.33	-1.88	--	-96.33	AV	153.00	150	Horizontal	N/A
5	7408.500	53.74	2.27	74.0	20.26	Peak	125.00	150	Horizontal	Pass
5**	7408.500	41.78	2.27	54.0	12.22	AV	125.00	150	Horizontal	Pass
6	11489.000	47.89	-2.97	74.0	26.11	Peak	3.00	150	Horizontal	Pass
6**	11489.000	38.21	-2.97	54.0	15.79	AV	3.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.500	48.62	-18.01	74.0	25.38	Peak	87.00	150	Vertical	Pass
1**	1065.500	29.66	-18.01	54.0	24.34	AV	87.00	150	Vertical	Pass
2	2761.500	46.73	-9.06	74.0	27.27	Peak	100.00	150	Vertical	Pass
2**	2761.500	33.69	-9.06	54.0	20.31	AV	100.00	150	Vertical	Pass
3	4204.000	46.69	-3.75	74.0	27.31	Peak	87.00	150	Vertical	Pass
3**	4204.000	36.09	-3.75	54.0	17.91	AV	87.00	150	Vertical	Pass
4	5305.000	108.12	-1.24	--	2.88	Peak	111.00	150	Vertical	N/A
4**	5305.000	99.59	-1.24	--	-99.59	AV	111.00	150	Vertical	N/A
5	7325.000	53.77	1.23	74.0	20.23	Peak	153.00	150	Vertical	Pass
5**	7325.000	41.49	1.23	54.0	12.51	AV	153.00	150	Vertical	Pass
6	12106.000	48.75	-2.50	74.0	25.25	Peak	299.00	150	Vertical	Pass
6**	12106.000	38.18	-2.50	54.0	15.82	AV	299.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.250	46.01	-17.96	74.0	27.99	Peak	123.00	150	Horizontal	Pass
1**	1062.250	28.52	-17.96	54.0	25.48	AV	123.00	150	Horizontal	Pass
2	2770.000	44.95	-8.80	74.0	29.05	Peak	0.00	150	Horizontal	Pass
2**	2770.000	33.72	-8.80	54.0	20.28	AV	0.00	150	Horizontal	Pass
3	4254.500	47.22	-4.13	74.0	26.78	Peak	359.00	150	Horizontal	Pass
3**	4254.500	35.04	-4.13	54.0	18.96	AV	359.00	150	Horizontal	Pass
4	5304.000	106.82	-1.24	--	45.18	Peak	152.00	150	Horizontal	N/A
4**	5304.000	97.55	-1.24	--	-97.55	AV	152.00	150	Horizontal	N/A
5	7588.000	52.80	1.32	74.0	21.20	Peak	187.00	150	Horizontal	Pass
5**	7588.000	41.83	1.32	54.0	12.17	AV	187.00	150	Horizontal	Pass
6	11922.000	48.38	-3.38	74.0	25.62	Peak	4.00	150	Horizontal	Pass
6**	11922.000	37.63	-3.38	54.0	16.37	AV	4.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	45.53	-17.95	74.0	28.47	Peak	43.00	150	Vertical	Pass
1**	1062.000	27.20	-17.95	54.0	26.80	AV	43.00	150	Vertical	Pass
2	2830.750	44.94	-8.10	74.0	29.06	Peak	167.00	150	Vertical	Pass
2**	2830.750	32.43	-8.10	54.0	21.57	AV	167.00	150	Vertical	Pass
3	4168.500	47.32	-3.79	74.0	26.68	Peak	360.00	150	Vertical	Pass
3**	4168.500	35.26	-3.79	54.0	18.74	AV	360.00	150	Vertical	Pass
4	5322.000	107.79	-1.38	--	3.21	Peak	111.00	150	Vertical	N/A
4**	5322.000	98.73	-1.38	--	-98.73	AV	111.00	150	Vertical	N/A
5	7335.000	53.58	1.15	74.0	20.42	Peak	360.00	150	Vertical	Pass
5**	7335.000	41.49	1.15	54.0	12.51	AV	360.00	150	Vertical	Pass
6	11674.000	47.90	-2.55	74.0	26.10	Peak	350.00	150	Vertical	Pass
6**	11674.000	36.87	-2.55	54.0	17.13	AV	350.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.500	46.96	-17.95	74.0	27.04	Peak	118.00	150	Horizontal	Pass
1**	1061.500	26.41	-17.95	54.0	27.59	AV	118.00	150	Horizontal	Pass
2	2791.000	44.92	-8.10	74.0	29.08	Peak	341.00	150	Horizontal	Pass
2**	2791.000	32.18	-8.10	54.0	21.82	AV	341.00	150	Horizontal	Pass
3	4304.000	46.98	-3.84	74.0	27.02	Peak	313.00	150	Horizontal	Pass
3**	4304.000	35.44	-3.84	54.0	18.56	AV	313.00	150	Horizontal	Pass
4	5326.000	106.45	-1.49	--	45.55	Peak	152.00	150	Horizontal	N/A
4**	5326.000	98.78	-1.49	--	-98.78	AV	152.00	150	Horizontal	N/A
5	7444.500	53.14	1.25	74.0	20.86	Peak	254.00	150	Horizontal	Pass
5**	7444.500	41.52	1.25	54.0	12.48	AV	254.00	150	Horizontal	Pass
6	12336.500	49.09	-1.42	74.0	24.91	Peak	87.00	150	Horizontal	Pass
6**	12336.500	37.83	-1.42	54.0	16.17	AV	87.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.000	49.73	-17.97	74.0	24.27	Peak	95.00	150	Vertical	Pass
1**	1063.000	31.57	-17.97	54.0	22.43	AV	95.00	150	Vertical	Pass
2	2768.750	47.03	-8.84	74.0	26.97	Peak	360.00	150	Vertical	Pass
2**	2768.750	32.79	-8.84	54.0	21.21	AV	360.00	150	Vertical	Pass
3	4207.000	46.47	-3.82	74.0	27.53	Peak	0.00	150	Vertical	Pass
3**	4207.000	35.39	-3.82	54.0	18.61	AV	0.00	150	Vertical	Pass
4	5281.500	105.69	-1.60	--	-0.69	Peak	105.00	150	Vertical	N/A
4**	5281.500	96.08	-1.60	--	-96.08	AV	105.00	150	Vertical	N/A
5	7528.500	52.89	1.91	74.0	21.11	Peak	210.00	150	Vertical	Pass
5**	7528.500	41.25	1.91	54.0	12.75	AV	210.00	150	Vertical	Pass
6	11346.000	48.78	-3.90	74.0	25.22	Peak	345.00	150	Vertical	Pass
6**	11346.000	37.83	-3.90	54.0	16.17	AV	345.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.250	47.46	-17.98	74.0	26.54	Peak	112.00	150	Horizontal	Pass
1**	1063.250	30.19	-17.98	54.0	23.81	AV	112.00	150	Horizontal	Pass
2	2837.250	45.43	-8.17	74.0	28.57	Peak	27.00	150	Horizontal	Pass
2**	2837.250	33.62	-8.17	54.0	20.38	AV	27.00	150	Horizontal	Pass
3	4197.000	47.16	-3.67	74.0	26.84	Peak	293.00	150	Horizontal	Pass
3**	4197.000	34.93	-3.67	54.0	19.07	AV	293.00	150	Horizontal	Pass
4	5283.000	102.72	-1.56	--	49.28	Peak	152.00	150	Horizontal	N/A
4**	5283.000	94.64	-1.56	--	-94.64	AV	152.00	150	Horizontal	N/A
5	7330.000	53.44	1.22	74.0	20.56	Peak	49.00	150	Horizontal	Pass
5**	7330.000	42.05	1.22	54.0	11.95	AV	49.00	150	Horizontal	Pass
6	10957.500	48.68	-3.19	74.0	25.32	Peak	97.00	150	Horizontal	Pass
6**	10957.500	37.61	-3.19	54.0	16.39	AV	97.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.250	47.43	-18.03	74.0	26.57	Peak	103.00	150	Vertical	Pass
1**	1066.250	25.54	-18.03	54.0	28.46	AV	103.00	150	Vertical	Pass
2	2762.250	46.30	-9.04	74.0	27.70	Peak	354.00	150	Vertical	Pass
2**	2762.250	32.66	-9.04	54.0	21.34	AV	354.00	150	Vertical	Pass
3	4042.000	46.51	-4.32	74.0	27.49	Peak	26.00	150	Vertical	Pass
3**	4042.000	33.93	-4.32	54.0	20.07	AV	26.00	150	Vertical	Pass
4	5325.000	104.47	-1.47	--	0.53	Peak	105.00	150	Vertical	N/A
4**	5325.000	96.37	-1.47	--	-96.37	AV	105.00	150	Vertical	N/A
5	7420.500	53.31	1.75	74.0	20.69	Peak	51.00	150	Vertical	Pass
5**	7420.500	41.27	1.75	54.0	12.73	AV	51.00	150	Vertical	Pass
6	11770.000	48.78	-3.02	74.0	25.22	Peak	246.00	150	Vertical	Pass
6**	11770.000	37.09	-3.02	54.0	16.91	AV	246.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.250	44.43	-18.01	74.0	29.57	Peak	135.00	150	Horizontal	Pass
1**	1065.250	26.23	-18.01	54.0	27.77	AV	135.00	150	Horizontal	Pass
2	2830.750	44.74	-8.10	74.0	29.26	Peak	277.00	150	Horizontal	Pass
2**	2830.750	32.58	-8.10	54.0	21.42	AV	277.00	150	Horizontal	Pass
3	4181.500	46.72	-3.70	74.0	27.28	Peak	6.00	150	Horizontal	Pass
3**	4181.500	35.59	-3.70	54.0	18.41	AV	6.00	150	Horizontal	Pass
4	5298.500	103.11	-1.26	--	48.89	Peak	152.00	150	Horizontal	N/A
4**	5298.500	95.28	-1.26	--	-95.28	AV	152.00	150	Horizontal	N/A
5	7347.000	53.04	1.02	74.0	20.96	Peak	295.00	150	Horizontal	Pass
5**	7347.000	41.43	1.02	54.0	12.57	AV	295.00	150	Horizontal	Pass
6	10922.500	48.90	-2.64	74.0	25.10	Peak	19.00	150	Horizontal	Pass
6**	10922.500	38.09	-2.64	54.0	15.91	AV	19.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.000	38.79	-15.64	74.0	35.21	Peak	258.00	150	Vertical	Pass
1**	1058.000	27.49	-15.64	54.0	26.51	AV	258.00	150	Vertical	Pass
2	1484.750	40.10	-15.61	74.0	33.90	Peak	360.00	150	Vertical	Pass
2**	1484.750	29.21	-15.61	54.0	24.79	AV	360.00	150	Vertical	Pass
3	4244.000	48.22	-2.49	74.0	25.78	Peak	315.00	150	Vertical	Pass
3**	4244.000	38.14	-2.49	54.0	15.86	AV	315.00	150	Vertical	Pass
4	5279.000	95.46	-0.85	--	188.54	Peak	284.00	150	Vertical	N/A
4**	5279.000	86.50	-0.85	--	-86.50	AV	284.00	150	Vertical	N/A
5	8290.463	51.83	1.03	74.0	22.17	Peak	48.00	150	Vertical	Pass
5**	8290.463	41.45	1.03	54.0	12.55	AV	48.00	150	Vertical	Pass
6	12127.513	53.22	1.88	74.0	20.78	Peak	309.00	150	Vertical	Pass
6**	12127.513	42.37	1.88	54.0	11.63	AV	309.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1136.500	40.03	-15.46	74.0	33.97	Peak	1.00	150	Horizontal	Pass
1**	1136.500	27.56	-15.46	54.0	26.44	AV	1.00	150	Horizontal	Pass
2	1485.000	40.19	-15.62	74.0	33.81	Peak	125.00	150	Horizontal	Pass
2**	1485.000	31.53	-15.62	54.0	22.47	AV	125.00	150	Horizontal	Pass
3	3928.000	47.69	-2.58	74.0	26.31	Peak	70.00	150	Horizontal	Pass
3**	3928.000	37.20	-2.58	54.0	16.80	AV	70.00	150	Horizontal	Pass
4	5264.500	84.96	-0.93	--	232.04	Peak	317.00	150	Horizontal	N/A
4**	5264.500	76.58	-0.93	--	-76.58	AV	317.00	150	Horizontal	N/A
5	8369.312	51.44	1.01	74.0	22.56	Peak	119.00	150	Horizontal	Pass
5**	8369.312	42.09	1.01	54.0	11.91	AV	119.00	150	Horizontal	Pass
6	10999.151	53.14	2.11	74.0	20.86	Peak	237.00	150	Horizontal	Pass
6**	10999.151	42.32	2.11	54.0	11.68	AV	237.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.750	48.45	-18.02	74.0	25.55	Peak	117.00	150	Vertical	Pass
1**	1065.750	30.96	-18.02	54.0	23.04	AV	117.00	150	Vertical	Pass
2	2826.250	44.72	-8.34	74.0	29.28	Peak	288.00	150	Vertical	Pass
2**	2826.250	32.68	-8.34	54.0	21.32	AV	288.00	150	Vertical	Pass
3	4178.500	47.35	-3.71	74.0	26.65	Peak	272.00	150	Vertical	Pass
3**	4178.500	36.13	-3.71	54.0	17.87	AV	272.00	150	Vertical	Pass
4	5507.000	109.29	-1.07	--	0.71	Peak	110.00	150	Vertical	N/A
4**	5507.000	101.57	-1.07	--	-101.57	AV	110.00	150	Vertical	N/A
5	7592.000	53.44	1.31	74.0	20.56	Peak	241.00	150	Vertical	Pass
5**	7592.000	41.17	1.31	54.0	12.83	AV	241.00	150	Vertical	Pass
6	11002.500	49.97	-2.94	74.0	24.03	Peak	317.00	150	Vertical	Pass
6**	11002.500	41.63	-2.94	54.0	12.37	AV	317.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1171.250	44.49	-16.64	74.0	29.51	Peak	130.00	150	Horizontal	Pass
1**	1171.250	26.49	-16.64	54.0	27.51	AV	130.00	150	Horizontal	Pass
2	2768.250	46.85	-8.85	74.0	27.15	Peak	9.00	150	Horizontal	Pass
2**	2768.250	33.06	-8.85	54.0	20.94	AV	9.00	150	Horizontal	Pass
3	3662.000	46.91	-4.44	74.0	27.09	Peak	349.00	150	Horizontal	Pass
3**	3662.000	34.86	-4.44	54.0	19.14	AV	349.00	150	Horizontal	Pass
4	5495.500	108.68	-1.14	--	44.32	Peak	153.00	150	Horizontal	N/A
4**	5495.500	101.06	-1.14	--	-101.06	AV	153.00	150	Horizontal	N/A
5	7351.000	53.52	1.00	74.0	20.48	Peak	168.00	150	Horizontal	Pass
5**	7351.000	41.46	1.00	54.0	12.54	AV	168.00	150	Horizontal	Pass
6	11010.000	49.08	-3.10	74.0	24.92	Peak	0.00	150	Horizontal	Pass
6**	11010.000	38.47	-3.10	54.0	15.53	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	47.43	-18.00	74.0	26.57	Peak	122.00	150	Vertical	Pass
1**	1064.500	30.20	-18.00	54.0	23.80	AV	122.00	150	Vertical	Pass
2	2849.000	45.66	-8.31	74.0	28.34	Peak	46.00	150	Vertical	Pass
2**	2849.000	32.58	-8.31	54.0	21.42	AV	46.00	150	Vertical	Pass
3	4147.000	46.33	-4.34	74.0	27.67	Peak	231.00	150	Vertical	Pass
3**	4147.000	35.01	-4.34	54.0	18.99	AV	231.00	150	Vertical	Pass
4	5586.000	106.84	-1.87	--	3.16	Peak	110.00	150	Vertical	N/A
4**	5586.000	98.65	-1.87	--	-98.65	AV	110.00	150	Vertical	N/A
5	7320.500	53.61	1.24	74.0	20.39	Peak	120.00	150	Vertical	Pass
5**	7320.500	41.69	1.24	54.0	12.31	AV	120.00	150	Vertical	Pass
6	11984.000	48.94	-3.01	74.0	25.06	Peak	360.00	150	Vertical	Pass
6**	11984.000	37.25	-3.01	54.0	16.75	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.500	44.07	-17.98	74.0	29.93	Peak	131.00	150	Horizontal	Pass
1**	1063.500	28.07	-17.98	54.0	25.93	AV	131.00	150	Horizontal	Pass
2	2770.000	44.99	-8.80	74.0	29.01	Peak	215.00	150	Horizontal	Pass
2**	2770.000	33.20	-8.80	54.0	20.80	AV	215.00	150	Horizontal	Pass
3	4118.000	46.82	-4.33	74.0	27.18	Peak	268.00	150	Horizontal	Pass
3**	4118.000	35.41	-4.33	54.0	18.59	AV	268.00	150	Horizontal	Pass
4	5573.500	106.84	-1.83	--	40.16	Peak	147.00	150	Horizontal	N/A
4**	5573.500	99.41	-1.83	--	-99.41	AV	147.00	150	Horizontal	N/A
5	7565.500	53.46	1.00	74.0	20.54	Peak	59.00	150	Horizontal	Pass
5**	7565.500	41.02	1.00	54.0	12.98	AV	59.00	150	Horizontal	Pass
6	10818.000	48.09	-3.17	74.0	25.91	Peak	0.00	150	Horizontal	Pass
6**	10818.000	38.38	-3.17	54.0	15.62	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.500	48.37	-17.95	74.0	25.63	Peak	91.00	150	Vertical	Pass
1**	1061.500	33.83	-17.95	54.0	20.17	AV	91.00	150	Vertical	Pass
2	2762.500	45.49	-9.03	74.0	28.51	Peak	13.00	150	Vertical	Pass
2**	2762.500	32.64	-9.03	54.0	21.36	AV	13.00	150	Vertical	Pass
3	4115.000	47.35	-4.32	74.0	26.65	Peak	104.00	150	Vertical	Pass
3**	4115.000	35.08	-4.32	54.0	18.92	AV	104.00	150	Vertical	Pass
4	5694.000	105.47	-1.40	--	34.53	Peak	140.00	150	Vertical	N/A
4**	5694.000	97.55	-1.40	--	-97.55	AV	140.00	150	Vertical	N/A
5	7415.500	53.33	2.01	74.0	20.67	Peak	91.00	150	Vertical	Pass
5**	7415.500	41.72	2.01	54.0	12.28	AV	91.00	150	Vertical	Pass
6	12136.500	48.48	-2.41	74.0	25.52	Peak	298.00	150	Vertical	Pass
6**	12136.500	37.69	-2.41	54.0	16.31	AV	298.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	45.77	-17.98	74.0	28.23	Peak	122.00	150	Horizontal	Pass
1**	1063.750	27.16	-17.98	54.0	26.84	AV	122.00	150	Horizontal	Pass
2	2844.750	45.51	-8.26	74.0	28.49	Peak	206.00	150	Horizontal	Pass
2**	2844.750	33.00	-8.26	54.0	21.00	AV	206.00	150	Horizontal	Pass
3	4203.500	46.51	-3.74	74.0	27.49	Peak	277.00	150	Horizontal	Pass
3**	4203.500	35.74	-3.74	54.0	18.26	AV	277.00	150	Horizontal	Pass
4	5693.000	106.10	-1.41	--	61.90	Peak	168.00	150	Horizontal	N/A
4**	5693.000	98.65	-1.41	--	-98.65	AV	168.00	150	Horizontal	N/A
5	7404.000	53.13	2.19	74.0	20.87	Peak	193.00	150	Horizontal	Pass
5**	7404.000	41.74	2.19	54.0	12.26	AV	193.00	150	Horizontal	Pass
6	10807.000	49.44	-3.01	74.0	24.56	Peak	292.00	150	Horizontal	Pass
6**	10807.000	38.55	-3.01	54.0	15.45	AV	292.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	48.40	-17.98	74.0	25.60	Peak	123.00	150	Vertical	Pass
1**	1063.750	29.81	-17.98	54.0	24.19	AV	123.00	150	Vertical	Pass
2	2778.500	45.58	-8.62	74.0	28.42	Peak	167.00	150	Vertical	Pass
2**	2778.500	32.77	-8.62	54.0	21.23	AV	167.00	150	Vertical	Pass
3	3730.500	46.81	-3.93	74.0	27.19	Peak	0.00	150	Vertical	Pass
3**	3730.500	33.93	-3.93	54.0	20.07	AV	0.00	150	Vertical	Pass
4	5506.500	109.17	-1.07	--	0.83	Peak	110.00	150	Vertical	N/A
4**	5506.500	100.75	-1.07	--	-100.75	AV	110.00	150	Vertical	N/A
5	7408.500	53.38	2.27	74.0	20.62	Peak	287.00	150	Vertical	Pass
5**	7408.500	41.64	2.27	54.0	12.36	AV	287.00	150	Vertical	Pass
6	11005.000	49.96	-3.00	74.0	24.04	Peak	273.00	150	Vertical	Pass
6**	11005.000	41.45	-3.00	54.0	12.55	AV	273.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.250	45.81	-18.03	74.0	28.19	Peak	37.00	150	Horizontal	Pass
1**	1066.250	30.64	-18.03	54.0	23.36	AV	37.00	150	Horizontal	Pass
2	2795.500	45.55	-8.34	74.0	28.45	Peak	209.00	150	Horizontal	Pass
2**	2795.500	32.48	-8.34	54.0	21.52	AV	209.00	150	Horizontal	Pass
3	4150.000	46.74	-4.25	74.0	27.26	Peak	170.00	150	Horizontal	Pass
3**	4150.000	35.29	-4.25	54.0	18.71	AV	170.00	150	Horizontal	Pass
4	5493.000	109.62	-1.15	--	42.38	Peak	152.00	150	Horizontal	Pass
4**	5493.000	100.52	-1.15	--	-100.52	AV	152.00	150	Horizontal	N/A
5	7629.000	53.06	1.10	74.0	20.94	Peak	120.00	150	Horizontal	Pass
5**	7629.000	41.96	1.10	54.0	12.04	AV	120.00	150	Horizontal	Pass
6	10993.500	49.20	-2.75	74.0	24.80	Peak	161.00	150	Horizontal	Pass
6**	10993.500	40.00	-2.75	54.0	14.00	AV	161.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.750	49.21	-17.98	74.0	24.79	Peak	96.00	150	Vertical	Pass
1**	1063.750	34.35	-17.98	54.0	19.65	AV	96.00	150	Vertical	Pass
2	2839.750	45.34	-8.20	74.0	28.66	Peak	279.00	150	Vertical	Pass
2**	2839.750	33.23	-8.20	54.0	20.77	AV	279.00	150	Vertical	Pass
3	4216.000	46.75	-4.08	74.0	27.25	Peak	312.00	150	Vertical	Pass
3**	4216.000	35.41	-4.08	54.0	18.59	AV	312.00	150	Vertical	Pass
4	5574.500	105.95	-1.84	--	12.05	Peak	118.00	150	Vertical	N/A
4**	5574.500	98.39	-1.84	--	-98.39	AV	118.00	150	Vertical	N/A
5	7410.500	53.73	2.27	74.0	20.27	Peak	239.00	150	Vertical	Pass
5**	7410.500	42.06	2.27	54.0	11.94	AV	239.00	150	Vertical	Pass
6	10933.000	48.19	-2.96	74.0	25.81	Peak	281.00	150	Vertical	Pass
6**	10933.000	37.47	-2.96	54.0	16.53	AV	281.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.250	44.74	-18.01	74.0	29.26	Peak	37.00	150	Horizontal	Pass
1**	1065.250	26.83	-18.01	54.0	27.17	AV	37.00	150	Horizontal	Pass
2	2769.750	45.48	-8.81	74.0	28.52	Peak	37.00	150	Horizontal	Pass
2**	2769.750	32.21	-8.81	54.0	21.79	AV	37.00	150	Horizontal	Pass
3	4206.000	47.29	-3.80	74.0	26.71	Peak	1.00	150	Horizontal	Pass
3**	4206.000	36.29	-3.80	54.0	17.71	AV	1.00	150	Horizontal	Pass
4	5574.000	106.66	-1.83	--	50.34	Peak	157.00	150	Horizontal	N/A
4**	5574.000	99.67	-1.83	--	-99.67	AV	157.00	150	Horizontal	N/A
5	7334.000	53.16	1.17	74.0	20.84	Peak	248.00	150	Horizontal	Pass
5**	7334.000	41.85	1.17	54.0	12.15	AV	248.00	150	Horizontal	Pass
6	12012.000	48.90	-2.46	74.0	25.10	Peak	77.00	150	Horizontal	Pass
6**	12012.000	39.08	-2.46	54.0	14.92	AV	77.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.250	53.34	-15.57	74.0	20.66	Peak	246.00	150	Vertical	Pass
1**	1064.250	39.76	-15.57	54.0	14.24	AV	246.00	150	Vertical	Pass
2	2846.500	46.43	-7.52	74.0	27.57	Peak	0.00	150	Vertical	Pass
2**	2846.500	34.75	-7.52	54.0	19.25	AV	0.00	150	Vertical	Pass
3	3799.500	49.36	-4.19	74.0	24.64	Peak	328.00	150	Vertical	Pass
3**	3799.500	38.07	-4.19	54.0	15.93	AV	328.00	150	Vertical	Pass
4	5693.000	109.57	-0.28	--	--	Peak	8.00	150	Vertical	N/A
4**	5693.000	101.10	-0.28	--	--	AV	8.00	150	Vertical	N/A
5	8296.400	51.10	0.97	74.0	22.90	Peak	360.00	150	Vertical	Pass
5**	8296.400	41.76	0.97	54.0	12.24	AV	360.00	150	Vertical	Pass
6	12321.787	53.49	2.41	74.0	20.51	Peak	74.00	150	Vertical	Pass
6**	12321.787	42.45	2.41	54.0	11.55	AV	74.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.000	46.84	-15.57	74.0	27.16	Peak	207.00	150	Horizontal	Pass
1**	1064.000	30.39	-15.57	54.0	23.61	AV	207.00	150	Horizontal	Pass
2	1494.250	43.92	-15.43	74.0	30.08	Peak	181.00	150	Horizontal	Pass
2**	1494.250	30.46	-15.43	54.0	23.54	AV	181.00	150	Horizontal	Pass
3	4192.500	48.22	-2.76	74.0	25.78	Peak	1.00	150	Horizontal	Pass
3**	4192.500	37.95	-2.76	54.0	16.05	AV	1.00	150	Horizontal	Pass
4	5704.500	99.84	-0.21	--	--	Peak	14.00	150	Horizontal	N/A
4**	5704.500	91.26	-0.21	--	--	AV	14.00	150	Horizontal	N/A
5	8333.213	51.25	0.64	74.0	22.75	Peak	243.00	150	Horizontal	Pass
5**	8333.213	40.87	0.64	54.0	13.13	AV	243.00	150	Horizontal	Pass
6	11560.600	52.57	1.88	74.0	21.43	Peak	243.00	150	Horizontal	Pass
6**	11560.600	41.81	1.88	54.0	12.19	AV	243.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	45.57	-15.57	74.0	28.43	Peak	211.00	150	Vertical	Pass
1**	1065.000	29.70	-15.57	54.0	24.30	AV	211.00	150	Vertical	Pass
2	2757.500	45.56	-8.84	74.0	28.44	Peak	243.00	150	Vertical	Pass
2**	2757.500	34.92	-8.84	54.0	19.08	AV	243.00	150	Vertical	Pass
3	4000.000	47.76	-4.03	74.0	26.24	Peak	158.00	150	Vertical	Pass
3**	4000.000	36.38	-4.03	54.0	17.62	AV	158.00	150	Vertical	Pass
4	5502.500	109.02	-0.84	--	--	Peak	360.00	150	Vertical	N/A
4**	5502.500	100.51	-0.84	--	--	AV	360.00	150	Vertical	N/A
5	8323.950	51.23	0.57	74.0	22.77	Peak	148.00	150	Vertical	Pass
5**	8323.950	40.88	0.57	54.0	13.12	AV	148.00	150	Vertical	Pass
6	11027.888	55.58	1.92	74.0	18.42	Peak	27.00	150	Vertical	Pass
6**	11027.888	50.53	1.92	54.0	3.47	AV	27.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	47.93	-15.59	74.0	26.07	Peak	198.00	150	Horizontal	Pass
1**	1062.500	29.88	-15.59	54.0	24.12	AV	198.00	150	Horizontal	Pass
2	2729.500	45.66	-8.75	74.0	28.34	Peak	239.00	150	Horizontal	Pass
2**	2729.500	33.73	-8.75	54.0	20.27	AV	239.00	150	Horizontal	Pass
3	4333.000	48.87	-2.48	74.0	25.13	Peak	19.00	150	Horizontal	Pass
3**	4333.000	37.77	-2.48	54.0	16.23	AV	19.00	150	Horizontal	Pass
4	5522.500	100.12	-0.72	--	--	Peak	59.00	150	Horizontal	N/A
4**	5522.500	91.41	-0.72	--	--	AV	59.00	150	Horizontal	N/A
5	8333.213	50.68	0.64	74.0	23.32	Peak	7.00	150	Horizontal	Pass
5**	8333.213	41.17	0.64	54.0	12.83	AV	7.00	150	Horizontal	Pass
6	11017.201	54.09	1.76	74.0	19.91	Peak	7.00	150	Horizontal	Pass
6**	11017.201	44.78	1.76	54.0	9.22	AV	7.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.000	53.77	-15.58	74.0	20.23	Peak	250.00	150	Vertical	Pass
1**	1063.000	35.01	-15.58	54.0	18.99	AV	250.00	150	Vertical	Pass
2	2850.000	45.81	-7.57	74.0	28.19	Peak	359.00	150	Vertical	Pass
2**	2850.000	34.64	-7.57	54.0	19.36	AV	359.00	150	Vertical	Pass
3	4222.000	48.58	-3.01	74.0	25.42	Peak	118.00	150	Vertical	Pass
3**	4222.000	37.23	-3.01	54.0	16.77	AV	118.00	150	Vertical	Pass
4	5579.500	108.93	-0.74	--	--	Peak	12.00	150	Vertical	N/A
4**	5579.500	100.78	-0.74	--	--	AV	12.00	150	Vertical	N/A
5	8354.113	51.11	0.89	74.0	22.89	Peak	7.00	150	Vertical	Pass
5**	8354.113	40.42	0.89	54.0	13.58	AV	7.00	150	Vertical	Pass
6	11157.562	52.73	1.58	74.0	21.27	Peak	28.00	150	Vertical	Pass
6**	11157.562	43.06	1.58	54.0	10.94	AV	28.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	44.29	-15.57	74.0	29.71	Peak	212.00	150	Horizontal	Pass
1**	1065.000	29.31	-15.57	54.0	24.69	AV	212.00	150	Horizontal	Pass
2	2861.000	45.24	-7.55	74.0	28.76	Peak	0.00	150	Horizontal	Pass
2**	2861.000	34.66	-7.55	54.0	19.34	AV	0.00	150	Horizontal	Pass
3	4235.500	48.68	-2.63	74.0	25.32	Peak	259.00	150	Horizontal	Pass
3**	4235.500	37.26	-2.63	54.0	16.74	AV	259.00	150	Horizontal	Pass
4	5574.000	100.82	-0.79	--	--	Peak	47.00	150	Horizontal	N/A
4**	5574.000	92.07	-0.79	--	--	AV	47.00	150	Horizontal	N/A
5	8403.513	51.57	0.44	74.0	22.43	Peak	0.00	150	Horizontal	Pass
5**	8403.513	40.40	0.44	54.0	13.60	AV	0.00	150	Horizontal	Pass
6	11435.201	54.05	1.87	74.0	19.95	Peak	123.00	150	Horizontal	Pass
6**	11435.201	42.14	1.87	54.0	11.86	AV	123.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.250	52.88	-15.57	74.0	21.12	Peak	246.00	150	Vertical	Pass
1**	1065.250	35.16	-15.57	54.0	18.84	AV	246.00	150	Vertical	Pass
2	1487.000	42.76	-15.57	74.0	31.24	Peak	354.00	150	Vertical	Pass
2**	1487.000	30.22	-15.57	54.0	23.78	AV	354.00	150	Vertical	Pass
3	3999.000	49.77	-4.02	74.0	24.23	Peak	192.00	150	Vertical	Pass
3**	3999.000	36.39	-4.02	54.0	17.61	AV	192.00	150	Vertical	Pass
4	5657.500	108.08	-0.26	--	--	Peak	15.00	150	Vertical	N/A
4**	5657.500	100.14	-0.26	--	--	AV	15.00	150	Vertical	N/A
5	8363.612	51.61	0.88	74.0	22.39	Peak	0.00	150	Vertical	Pass
5**	8363.612	40.63	0.88	54.0	13.37	AV	0.00	150	Vertical	Pass
6	12208.026	53.01	1.68	74.0	20.99	Peak	42.00	150	Vertical	Pass
6**	12208.026	41.55	1.68	54.0	12.45	AV	42.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.750	42.99	-15.58	74.0	31.01	Peak	0.00	150	Horizontal	Pass
1**	1062.750	30.00	-15.58	54.0	24.00	AV	0.00	150	Horizontal	Pass
2	2244.500	42.14	-11.45	74.0	31.86	Peak	35.00	150	Horizontal	Pass
2**	2244.500	32.28	-11.45	54.0	21.72	AV	35.00	150	Horizontal	Pass
3	4173.000	47.54	-3.31	74.0	26.46	Peak	187.00	150	Horizontal	Pass
3**	4173.000	37.36	-3.31	54.0	16.64	AV	187.00	150	Horizontal	Pass
4	5656.500	99.57	-0.28	--	--	Peak	52.00	150	Horizontal	N/A
4**	5656.500	91.55	-0.28	--	--	AV	52.00	150	Horizontal	N/A
5	8294.263	51.10	1.00	74.0	22.90	Peak	359.00	150	Horizontal	Pass
5**	8294.263	40.86	1.00	54.0	13.14	AV	359.00	150	Horizontal	Pass
6	11132.387	52.78	1.55	74.0	21.22	Peak	77.00	150	Horizontal	Pass
6**	11132.387	42.01	1.55	54.0	11.99	AV	77.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.250	38.93	-15.39	74.0	35.07	Peak	46.00	150	Vertical	Pass
1**	1144.250	28.06	-15.39	54.0	25.94	AV	46.00	150	Vertical	Pass
2	2831.000	45.71	-8.11	74.0	28.29	Peak	51.00	150	Vertical	Pass
2**	2831.000	34.24	-8.11	54.0	19.76	AV	51.00	150	Vertical	Pass
3	4011.000	47.17	-3.57	74.0	26.83	Peak	203.00	150	Vertical	Pass
3**	4011.000	36.68	-3.57	54.0	17.32	AV	203.00	150	Vertical	Pass
4	5492.500	111.92	-0.60	--	--	Peak	0.00	150	Vertical	N/A
4**	5492.500	103.56	-0.60	--	--	AV	0.00	150	Vertical	N/A
5	8213.987	51.20	0.54	74.0	22.80	Peak	94.00	150	Vertical	Pass
5**	8213.987	40.90	0.54	54.0	13.10	AV	94.00	150	Vertical	Pass
6	10997.724	60.73	1.92	74.0	13.27	Peak	49.00	150	Vertical	Pass
6**	10997.724	51.65	1.92	54.0	2.35	AV	49.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1059.250	39.42	-15.62	74.0	34.58	Peak	203.00	150	Horizontal	Pass
1**	1059.250	27.71	-15.62	54.0	26.29	AV	203.00	150	Horizontal	Pass
2	2848.250	45.51	-7.55	74.0	28.49	Peak	5.00	150	Horizontal	Pass
2**	2848.250	34.80	-7.55	54.0	19.20	AV	5.00	150	Horizontal	Pass
3	3811.000	47.55	-3.81	74.0	26.45	Peak	271.00	150	Horizontal	Pass
3**	3811.000	36.61	-3.81	54.0	17.39	AV	271.00	150	Horizontal	Pass
4	5502.500	103.75	-0.84	--	--	Peak	21.00	150	Horizontal	N/A
4**	5502.500	95.01	-0.84	--	--	AV	21.00	150	Horizontal	N/A
5	8337.724	51.10	0.82	74.0	22.90	Peak	142.00	150	Horizontal	Pass
5**	8337.724	41.00	0.82	54.0	13.00	AV	142.00	150	Horizontal	Pass
6	11003.187	56.62	2.07	74.0	17.38	Peak	354.00	150	Horizontal	Pass
6**	11003.187	46.61	2.07	54.0	7.39	AV	354.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.500	49.20	-15.57	74.0	24.80	Peak	250.00	150	Vertical	Pass
1**	1061.500	27.76	-15.57	54.0	26.24	AV	250.00	150	Vertical	Pass
2	2760.500	46.09	-8.58	74.0	27.91	Peak	103.00	150	Vertical	Pass
2**	2760.500	34.02	-8.58	54.0	19.98	AV	103.00	150	Vertical	Pass
3	3993.500	48.81	-3.97	74.0	25.19	Peak	191.00	150	Vertical	Pass
3**	3993.500	36.55	-3.97	54.0	17.45	AV	191.00	150	Vertical	Pass
4	5572.000	111.38	-0.78	--	--	Peak	21.00	150	Vertical	N/A
4**	5572.000	102.60	-0.78	--	--	AV	21.00	150	Vertical	N/A
5	8293.550	51.13	0.99	74.0	22.87	Peak	141.00	150	Vertical	Pass
5**	8293.550	41.13	0.99	54.0	12.87	AV	141.00	150	Vertical	Pass
6	11159.937	55.11	1.80	74.0	18.89	Peak	22.00	150	Vertical	Pass
6**	11159.937	46.30	1.80	54.0	7.70	AV	22.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	43.17	-15.56	74.0	30.83	Peak	93.00	150	Horizontal	Pass
1**	1064.500	30.04	-15.56	54.0	23.96	AV	93.00	150	Horizontal	Pass
2	2843.000	46.15	-7.55	74.0	27.85	Peak	216.00	150	Horizontal	Pass
2**	2843.000	34.32	-7.55	54.0	19.68	AV	216.00	150	Horizontal	Pass
3	3932.500	48.02	-2.69	74.0	25.98	Peak	0.00	150	Horizontal	Pass
3**	3932.500	37.12	-2.69	54.0	16.88	AV	0.00	150	Horizontal	Pass
4	5586.500	103.27	-0.59	--	--	Peak	20.00	150	Horizontal	N/A
4**	5586.500	95.04	-0.59	--	--	AV	20.00	150	Horizontal	N/A
5	8327.987	51.67	0.55	74.0	22.33	Peak	360.00	150	Horizontal	Pass
5**	8327.987	41.14	0.55	54.0	12.86	AV	360.00	150	Horizontal	Pass
6	12091.175	53.27	1.79	74.0	20.73	Peak	236.00	150	Horizontal	Pass
6**	12091.175	41.84	1.79	54.0	12.16	AV	236.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.000	46.59	-15.57	74.0	27.41	Peak	258.00	150	Vertical	Pass
1**	1064.000	35.26	-15.57	54.0	18.74	AV	258.00	150	Vertical	Pass
2	2840.000	46.60	-7.60	74.0	27.40	Peak	77.00	150	Vertical	Pass
2**	2840.000	34.74	-7.60	54.0	19.26	AV	77.00	150	Vertical	Pass
3	3800.000	49.09	-4.14	74.0	24.91	Peak	340.00	150	Vertical	Pass
3**	3800.000	42.73	-4.14	54.0	11.27	AV	340.00	150	Vertical	Pass
4	5693.000	111.38	-0.28	--	--	Peak	11.00	150	Vertical	N/A
4**	5693.000	103.01	-0.28	--	--	AV	11.00	150	Vertical	N/A
5	8252.938	51.26	1.02	74.0	22.74	Peak	190.00	150	Vertical	Pass
5**	8252.938	41.25	1.02	54.0	12.75	AV	190.00	150	Vertical	Pass
6	11486.026	53.64	1.91	74.0	20.36	Peak	261.00	150	Vertical	Pass
6**	11486.026	42.02	1.91	54.0	11.98	AV	261.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.750	42.95	-15.57	74.0	31.05	Peak	245.00	150	Horizontal	Pass
1**	1065.750	29.95	-15.57	54.0	24.05	AV	245.00	150	Horizontal	Pass
2	2856.500	46.21	-7.57	74.0	27.79	Peak	52.00	150	Horizontal	Pass
2**	2856.500	34.56	-7.57	54.0	19.44	AV	52.00	150	Horizontal	Pass
3	4266.500	48.56	-2.65	74.0	25.44	Peak	320.00	150	Horizontal	Pass
3**	4266.500	37.59	-2.65	54.0	16.41	AV	320.00	150	Horizontal	Pass
4	5707.000	102.30	-0.12	--	--	Peak	59.00	150	Horizontal	N/A
4**	5707.000	93.35	-0.12	--	--	AV	59.00	150	Horizontal	N/A
5	8301.150	51.85	0.83	74.0	22.15	Peak	22.00	150	Horizontal	Pass
5**	8301.150	40.94	0.83	54.0	13.06	AV	22.00	150	Horizontal	Pass
6	12233.912	53.31	1.85	74.0	20.69	Peak	188.00	150	Horizontal	Pass
6**	12233.912	42.20	1.85	54.0	11.80	AV	188.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	47.22	-15.58	74.0	26.78	Peak	204.00	150	Vertical	Pass
1**	1062.000	33.78	-15.58	54.0	20.22	AV	204.00	150	Vertical	Pass
2	2774.750	44.99	-8.00	74.0	29.01	Peak	1.00	150	Vertical	Pass
2**	2774.750	34.11	-8.00	54.0	19.89	AV	1.00	150	Vertical	Pass
3	3995.500	50.36	-3.97	74.0	23.64	Peak	198.00	150	Vertical	Pass
3**	3995.500	36.32	-3.97	54.0	17.68	AV	198.00	150	Vertical	Pass
4	5492.500	109.03	-0.60	--	--	Peak	0.00	150	Vertical	N/A
4**	5492.500	99.70	-0.60	--	--	AV	0.00	150	Vertical	N/A
5	8371.213	51.87	1.05	74.0	22.13	Peak	117.00	150	Vertical	Pass
5**	8371.213	41.39	1.05	54.0	12.61	AV	117.00	150	Vertical	Pass
6	11018.625	54.53	1.64	74.0	19.47	Peak	141.00	150	Vertical	Pass
6**	11018.625	51.31	1.64	54.0	2.69	AV	141.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.000	44.89	-15.57	74.0	29.11	Peak	235.00	150	Horizontal	Pass
1**	1064.000	30.33	-15.57	54.0	23.67	AV	235.00	150	Horizontal	Pass
2	2801.000	45.69	-8.40	74.0	28.31	Peak	176.00	150	Horizontal	Pass
2**	2801.000	34.17	-8.40	54.0	19.83	AV	176.00	150	Horizontal	Pass
3	4299.500	48.66	-2.89	74.0	25.34	Peak	4.00	150	Horizontal	Pass
3**	4299.500	37.42	-2.89	54.0	16.58	AV	4.00	150	Horizontal	Pass
4	5520.000	100.94	-0.76	--	--	Peak	50.00	150	Horizontal	N/A
4**	5520.000	92.16	-0.76	--	--	AV	50.00	150	Horizontal	N/A
5	8337.013	52.02	0.78	74.0	21.98	Peak	0.00	150	Horizontal	Pass
5**	8337.013	41.12	0.78	54.0	12.88	AV	0.00	150	Horizontal	Pass
6	11024.088	53.24	2.06	74.0	20.76	Peak	354.00	150	Horizontal	Pass
6**	11024.088	48.05	2.06	54.0	5.95	AV	354.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1398.000	40.88	-15.42	74.0	33.12	Peak	277.00	150	Vertical	Pass
1**	1398.000	29.63	-15.42	54.0	24.37	AV	277.00	150	Vertical	Pass
2	2836.500	45.39	-7.78	74.0	28.61	Peak	360.00	150	Vertical	Pass
2**	2836.500	34.93	-7.78	54.0	19.07	AV	360.00	150	Vertical	Pass
3	3718.500	48.71	-4.17	74.0	25.29	Peak	180.00	150	Vertical	Pass
3**	3718.500	35.91	-4.17	54.0	18.09	AV	180.00	150	Vertical	Pass
4	5575.500	109.55	-0.79	--	--	Peak	21.00	150	Vertical	N/A
4**	5575.500	101.38	-0.79	--	--	AV	21.00	150	Vertical	N/A
5	8372.401	52.22	1.06	74.0	21.78	Peak	166.00	150	Vertical	Pass
5**	8372.401	41.32	1.06	54.0	12.68	AV	166.00	150	Vertical	Pass
6	11159.937	53.82	1.80	74.0	20.18	Peak	22.00	150	Vertical	Pass
6**	11159.937	43.38	1.80	54.0	10.62	AV	22.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.250	48.44	-15.58	74.0	25.56	Peak	207.00	150	Horizontal	Pass
1**	1062.250	28.58	-15.58	54.0	25.42	AV	207.00	150	Horizontal	Pass
2	2839.000	45.87	-7.61	74.0	28.13	Peak	64.00	150	Horizontal	Pass
2**	2839.000	34.63	-7.61	54.0	19.37	AV	64.00	150	Horizontal	Pass
3	4039.500	47.84	-3.17	74.0	26.16	Peak	0.00	150	Horizontal	Pass
3**	4039.500	36.64	-3.17	54.0	17.36	AV	0.00	150	Horizontal	Pass
4	5583.000	100.48	-0.66	--	--	Peak	20.00	150	Horizontal	N/A
4**	5583.000	92.20	-0.66	--	--	AV	20.00	150	Horizontal	N/A
5	8336.537	51.84	0.75	74.0	22.16	Peak	360.00	150	Horizontal	Pass
5**	8336.537	41.32	0.75	54.0	12.68	AV	360.00	150	Horizontal	Pass
6	12032.750	52.70	1.92	74.0	21.30	Peak	142.00	150	Horizontal	Pass
6**	12032.750	41.97	1.92	54.0	12.03	AV	142.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.250	44.99	-15.56	74.0	29.01	Peak	348.00	150	Vertical	Pass
1**	1487.250	30.98	-15.56	54.0	23.02	AV	348.00	150	Vertical	Pass
2	2799.750	45.87	-8.38	74.0	28.13	Peak	186.00	150	Vertical	Pass
2**	2799.750	34.27	-8.38	54.0	19.73	AV	186.00	150	Vertical	Pass
3	3972.000	47.49	-3.32	74.0	26.51	Peak	346.00	150	Vertical	Pass
3**	3972.000	36.86	-3.32	54.0	17.14	AV	346.00	150	Vertical	Pass
4	5679.500	108.90	0.11	--	--	Peak	21.00	150	Vertical	N/A
4**	5679.500	100.80	0.11	--	--	AV	21.00	150	Vertical	N/A
5	8243.675	52.07	0.73	74.0	21.93	Peak	142.00	150	Vertical	Pass
5**	8243.675	41.07	0.73	54.0	12.93	AV	142.00	150	Vertical	Pass
6	12021.349	53.67	2.04	74.0	20.33	Peak	0.00	150	Vertical	Pass
6**	12021.349	42.48	2.04	54.0	11.52	AV	0.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.750	44.24	-15.56	74.0	29.76	Peak	184.00	150	Horizontal	Pass
1**	1489.750	32.46	-15.56	54.0	21.54	AV	184.00	150	Horizontal	Pass
2	2838.500	46.11	-7.65	74.0	27.89	Peak	234.00	150	Horizontal	Pass
2**	2838.500	34.71	-7.65	54.0	19.29	AV	234.00	150	Horizontal	Pass
3	4076.000	48.73	-3.74	74.0	25.27	Peak	0.00	150	Horizontal	Pass
3**	4076.000	36.38	-3.74	54.0	17.62	AV	0.00	150	Horizontal	Pass
4	5678.000	101.03	0.12	--	--	Peak	60.00	150	Horizontal	N/A
4**	5678.000	92.66	0.12	--	--	AV	60.00	150	Horizontal	N/A
5	8363.850	52.13	0.88	74.0	21.87	Peak	1.00	150	Horizontal	Pass
5**	8363.850	41.97	0.88	54.0	12.03	AV	1.00	150	Horizontal	Pass
6	11160.175	54.09	1.85	74.0	19.91	Peak	46.00	150	Horizontal	Pass
6**	11160.175	41.85	1.85	54.0	12.15	AV	46.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1128.000	38.57	-15.65	74.0	35.43	Peak	261.00	150	Vertical	Pass
1**	1128.000	27.48	-15.65	54.0	26.52	AV	261.00	150	Vertical	Pass
2	1485.250	39.28	-15.63	74.0	34.72	Peak	7.00	150	Vertical	Pass
2**	1485.250	32.69	-15.63	54.0	21.31	AV	7.00	150	Vertical	Pass
3	3687.000	45.71	-4.95	74.0	28.29	Peak	259.00	150	Vertical	Pass
3**	3687.000	39.30	-4.95	54.0	14.70	AV	259.00	150	Vertical	Pass
4	5519.000	96.02	-0.81	--	222.98	Peak	319.00	150	Vertical	N/A
4**	5519.000	86.21	-0.81	--	-86.21	AV	319.00	150	Vertical	N/A
5	8304.475	51.89	0.70	74.0	22.11	Peak	167.00	150	Vertical	Pass
5**	8304.475	40.73	0.70	54.0	13.27	AV	167.00	150	Vertical	Pass
6	11003.187	53.10	2.07	74.0	20.90	Peak	167.00	150	Vertical	Pass
6**	11003.187	42.09	2.07	54.0	11.91	AV	167.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.000	36.80	-15.24	74.0	37.20	Peak	111.00	150	Horizontal	Pass
1**	1195.000	29.94	-15.24	54.0	24.06	AV	111.00	150	Horizontal	Pass
2	1336.750	37.92	-15.64	74.0	36.08	Peak	78.00	150	Horizontal	Pass
2**	1336.750	31.99	-15.64	54.0	22.01	AV	78.00	150	Horizontal	Pass
3	4308.000	49.13	-2.73	74.0	24.87	Peak	0.00	150	Horizontal	Pass
3**	4308.000	38.11	-2.73	54.0	15.89	AV	0.00	150	Horizontal	Pass
4	5498.000	82.79	-0.76	--	226.21	Peak	309.00	150	Horizontal	N/A
4**	5498.000	74.25	-0.76	--	-74.25	AV	309.00	150	Horizontal	N/A
5	8365.750	51.13	0.95	74.0	22.87	Peak	260.00	150	Horizontal	Pass
5**	8365.750	40.96	0.95	54.0	13.04	AV	260.00	150	Horizontal	Pass
6	12296.138	53.05	1.86	74.0	20.95	Peak	332.00	150	Horizontal	Pass
6**	12296.138	42.05	1.86	54.0	11.95	AV	332.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.750	40.67	-15.48	74.0	33.33	Peak	337.00	150	Vertical	Pass
1**	1492.750	28.52	-15.48	54.0	25.48	AV	337.00	150	Vertical	Pass
2	2804.750	44.88	-8.38	74.0	29.12	Peak	337.00	150	Vertical	Pass
2**	2804.750	33.80	-8.38	54.0	20.20	AV	337.00	150	Vertical	Pass
3	4123.500	47.78	-3.40	74.0	26.22	Peak	341.00	150	Vertical	Pass
3**	4123.500	36.46	-3.40	54.0	17.54	AV	341.00	150	Vertical	Pass
4	5598.500	108.06	-0.56	--	-108.06	Peak	0.00	150	Vertical	N/A
4**	5598.500	99.32	-0.56	--	-99.32	AV	0.00	150	Vertical	N/A
5	8417.525	50.90	0.27	74.0	23.10	Peak	360.00	150	Vertical	Pass
5**	8417.525	40.32	0.27	54.0	13.68	AV	360.00	150	Vertical	Pass
6	11443.750	51.83	1.92	74.0	22.17	Peak	44.00	150	Vertical	Pass
6**	11443.750	41.51	1.92	54.0	12.49	AV	44.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.250	38.64	-15.25	74.0	35.36	Peak	161.00	150	Horizontal	Pass
1**	1195.250	29.47	-15.25	54.0	24.53	AV	161.00	150	Horizontal	Pass
2	1601.500	39.91	-15.22	74.0	34.09	Peak	360.00	150	Horizontal	Pass
2**	1601.500	28.34	-15.22	54.0	25.66	AV	360.00	150	Horizontal	Pass
3	2768.750	45.28	-7.97	74.0	28.72	Peak	334.00	150	Horizontal	Pass
3**	2768.750	33.89	-7.97	54.0	20.11	AV	334.00	150	Horizontal	Pass
4	4194.000	48.12	-2.65	74.0	25.88	Peak	240.00	150	Horizontal	Pass
4**	4194.000	36.81	-2.65	54.0	17.19	AV	240.00	150	Horizontal	Pass
5	5580.000	95.56	-0.73	--	260.44	Peak	356.00	150	Horizontal	N/A
5**	5580.000	87.44	-0.73	--	-87.44	AV	356.00	150	Horizontal	N/A
6	11986.912	51.38	2.15	74.0	22.62	Peak	332.00	150	Horizontal	Pass
6**	11986.912	40.72	2.15	54.0	13.28	AV	332.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	39.40	-15.26	74.0	34.60	Peak	289.00	150	Vertical	Pass
1**	1195.500	29.98	-15.26	54.0	24.02	AV	289.00	150	Vertical	Pass
2	2812.000	44.58	-8.14	74.0	29.42	Peak	68.00	150	Vertical	Pass
2**	2812.000	33.90	-8.14	54.0	20.10	AV	68.00	150	Vertical	Pass
3	3830.000	51.89	-4.31	74.0	22.11	Peak	342.00	150	Vertical	Pass
3**	3830.000	45.70	-4.31	54.0	8.30	AV	342.00	150	Vertical	Pass
4	5741.500	106.39	-0.14	--	--	Peak	12.00	150	Vertical	N/A
4**	5741.500	98.20	-0.14	--	--	AV	12.00	150	Vertical	N/A
5	8285.713	51.79	1.10	74.0	22.21	Peak	261.00	150	Vertical	Pass
5**	8285.713	41.33	1.10	54.0	12.67	AV	261.00	150	Vertical	Pass
6	11541.125	52.72	1.86	74.0	21.28	Peak	190.00	150	Vertical	Pass
6**	11541.125	42.38	1.86	54.0	11.62	AV	190.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.750	39.75	-15.26	74.0	34.25	Peak	174.00	150	Horizontal	Pass
1**	1195.750	30.10	-15.26	54.0	23.90	AV	174.00	150	Horizontal	Pass
2	2797.500	45.03	-8.36	74.0	28.97	Peak	1.00	150	Horizontal	Pass
2**	2797.500	34.02	-8.36	54.0	19.98	AV	1.00	150	Horizontal	Pass
3	3959.500	47.62	-3.33	74.0	26.38	Peak	298.00	150	Horizontal	Pass
3**	3959.500	36.69	-3.33	54.0	17.31	AV	298.00	150	Horizontal	Pass
4	5740.000	97.87	-0.17	--	--	Peak	59.00	150	Horizontal	N/A
4**	5740.000	89.14	-0.17	--	--	AV	59.00	150	Horizontal	N/A
5	8366.463	51.21	0.98	74.0	22.79	Peak	360.00	150	Horizontal	Pass
5**	8366.463	41.50	0.98	54.0	12.50	AV	360.00	150	Horizontal	Pass
6	11151.150	53.44	1.89	74.0	20.56	Peak	308.00	150	Horizontal	Pass
6**	11151.150	42.65	1.89	54.0	11.35	AV	308.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1047.750	39.38	-15.73	74.0	34.62	Peak	358.00	150	Vertical	Pass
1**	1047.750	27.75	-15.73	54.0	26.25	AV	358.00	150	Vertical	Pass
2	2846.750	45.51	-7.53	74.0	28.49	Peak	212.00	150	Vertical	Pass
2**	2846.750	35.02	-7.53	54.0	18.98	AV	212.00	150	Vertical	Pass
3	3857.000	52.94	-4.57	74.0	21.06	Peak	319.00	150	Vertical	Pass
3**	3857.000	50.30	-4.57	54.0	3.70	AV	319.00	150	Vertical	Pass
4	5779.500	106.43	0.34	--	--	Peak	360.00	150	Vertical	N/A
4**	5779.500	98.23	0.34	--	--	AV	360.00	150	Vertical	N/A
5	8284.287	51.39	1.04	74.0	22.61	Peak	242.00	150	Vertical	Pass
5**	8284.287	41.31	1.04	54.0	12.69	AV	242.00	150	Vertical	Pass
6	11596.701	53.00	2.00	74.0	21.00	Peak	170.00	150	Vertical	Pass
6**	11596.701	42.57	2.00	54.0	11.43	AV	170.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.000	38.88	-15.46	74.0	35.12	Peak	3.00	150	Horizontal	Pass
1**	1168.000	27.74	-15.46	54.0	26.26	AV	3.00	150	Horizontal	Pass
2	2796.250	45.62	-8.25	74.0	28.38	Peak	302.00	150	Horizontal	Pass
2**	2796.250	34.18	-8.25	54.0	19.82	AV	302.00	150	Horizontal	Pass
3	3930.000	47.49	-2.57	74.0	26.51	Peak	231.00	150	Horizontal	Pass
3**	3930.000	37.25	-2.57	54.0	16.75	AV	231.00	150	Horizontal	Pass
4	5788.500	97.04	0.36	--	--	Peak	360.00	150	Horizontal	N/A
4**	5788.500	88.39	0.36	--	--	AV	360.00	150	Horizontal	N/A
5	8338.438	51.60	0.82	74.0	22.40	Peak	338.00	150	Horizontal	Pass
5**	8338.438	41.43	0.82	54.0	12.57	AV	338.00	150	Horizontal	Pass
6	12300.650	53.13	1.86	74.0	20.87	Peak	338.00	150	Horizontal	Pass
6**	12300.650	41.95	1.86	54.0	12.05	AV	338.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.000	39.99	-15.23	74.0	34.01	Peak	120.00	150	Vertical	Pass
1**	1194.000	30.62	-15.23	54.0	23.38	AV	120.00	150	Vertical	Pass
2	2829.750	45.24	-8.16	74.0	28.76	Peak	271.00	150	Vertical	Pass
2**	2829.750	34.73	-8.16	54.0	19.27	AV	271.00	150	Vertical	Pass
3	4174.000	47.85	-3.29	74.0	26.15	Peak	355.00	150	Vertical	Pass
3**	4174.000	37.30	-3.29	54.0	16.70	AV	355.00	150	Vertical	Pass
4	5821.000	105.33	0.48	--	--	Peak	360.00	150	Vertical	N/A
4**	5821.000	97.21	0.48	--	--	AV	360.00	150	Vertical	N/A
5	8209.000	52.34	0.47	74.0	21.66	Peak	52.00	150	Vertical	Pass
5**	8209.000	41.02	0.47	54.0	12.98	AV	52.00	150	Vertical	Pass
6	11200.787	53.19	1.55	74.0	20.81	Peak	124.00	150	Vertical	Pass
6**	11200.787	42.29	1.55	54.0	11.71	AV	124.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.750	39.15	-15.31	74.0	34.85	Peak	164.00	150	Horizontal	Pass
1**	1199.750	28.69	-15.31	54.0	25.31	AV	164.00	150	Horizontal	Pass
2	2815.750	45.55	-8.07	74.0	28.45	Peak	44.00	150	Horizontal	Pass
2**	2815.750	34.42	-8.07	54.0	19.58	AV	44.00	150	Horizontal	Pass
3	3883.000	48.37	-3.81	74.0	25.63	Peak	290.00	150	Horizontal	Pass
3**	3883.000	39.03	-3.81	54.0	14.97	AV	290.00	150	Horizontal	Pass
4	5827.500	95.46	0.76	--	--	Peak	360.00	150	Horizontal	N/A
4**	5827.500	86.82	0.76	--	--	AV	360.00	150	Horizontal	N/A
5	8318.013	51.43	0.62	74.0	22.57	Peak	173.00	150	Horizontal	Pass
5**	8318.013	40.73	0.62	54.0	13.27	AV	173.00	150	Horizontal	Pass
6	11968.625	53.29	2.00	74.0	20.71	Peak	360.00	150	Horizontal	Pass
6**	11968.625	42.75	2.00	54.0	11.25	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.000	39.30	-15.24	74.0	34.70	Peak	301.00	150	Vertical	Pass
1**	1195.000	31.02	-15.24	54.0	22.98	AV	301.00	150	Vertical	Pass
2	2778.500	45.71	-8.11	74.0	28.29	Peak	360.00	150	Vertical	Pass
2**	2778.500	34.11	-8.11	54.0	19.89	AV	360.00	150	Vertical	Pass
3	3830.500	50.02	-4.27	74.0	23.98	Peak	319.00	150	Vertical	Pass
3**	3830.500	47.30	-4.27	54.0	6.70	AV	319.00	150	Vertical	Pass
4	5740.500	106.42	-0.17	--	--	Peak	0.00	150	Vertical	N/A
4**	5740.500	97.75	-0.17	--	--	AV	0.00	150	Vertical	N/A
5	8249.138	51.97	0.89	74.0	22.03	Peak	1.00	150	Vertical	Pass
5**	8249.138	41.45	0.89	54.0	12.55	AV	1.00	150	Vertical	Pass
6	11455.388	52.40	1.92	74.0	21.60	Peak	1.00	150	Vertical	Pass
6**	11455.388	42.11	1.92	54.0	11.89	AV	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.000	38.75	-15.38	74.0	35.25	Peak	90.00	150	Horizontal	Pass
1**	1154.000	28.17	-15.38	54.0	25.83	AV	90.00	150	Horizontal	Pass
2	2859.500	45.78	-7.61	74.0	28.22	Peak	31.00	150	Horizontal	Pass
2**	2859.500	34.73	-7.61	54.0	19.27	AV	31.00	150	Horizontal	Pass
3	4239.000	49.32	-2.51	74.0	24.68	Peak	331.00	150	Horizontal	Pass
3**	4239.000	37.81	-2.51	54.0	16.19	AV	331.00	150	Horizontal	Pass
4	5743.000	97.79	-0.11	--	--	Peak	4.00	150	Horizontal	N/A
4**	5743.000	89.54	-0.11	--	--	AV	4.00	150	Horizontal	N/A
5	8177.413	51.82	0.01	74.0	22.18	Peak	261.00	150	Horizontal	Pass
5**	8177.413	41.23	0.01	54.0	12.77	AV	261.00	150	Horizontal	Pass
6	11453.725	52.83	1.99	74.0	21.17	Peak	7.00	150	Horizontal	Pass
6**	11453.725	42.34	1.99	54.0	11.66	AV	7.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.250	39.02	-15.31	74.0	34.98	Peak	280.00	150	Vertical	Pass
1**	1200.250	29.70	-15.31	54.0	24.30	AV	280.00	150	Vertical	Pass
2	2716.750	46.10	-8.33	74.0	27.90	Peak	234.00	150	Vertical	Pass
2**	2716.750	33.84	-8.33	54.0	20.16	AV	234.00	150	Vertical	Pass
3	3857.000	52.20	-4.57	74.0	21.80	Peak	329.00	150	Vertical	Pass
3**	3857.000	50.20	-4.57	54.0	3.80	AV	329.00	150	Vertical	Pass
4	5780.500	105.70	0.37	--	--	Peak	360.00	150	Vertical	N/A
4**	5780.500	97.46	0.37	--	--	AV	360.00	150	Vertical	N/A
5	8293.075	52.16	0.99	74.0	21.84	Peak	28.00	150	Vertical	Pass
5**	8293.075	41.87	0.99	54.0	12.13	AV	28.00	150	Vertical	Pass
6	12328.438	53.03	2.31	74.0	20.97	Peak	0.00	150	Vertical	Pass
6**	12328.438	42.49	2.31	54.0	11.51	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	39.74	-15.26	74.0	34.26	Peak	27.00	150	Horizontal	Pass
1**	1195.500	30.12	-15.26	54.0	23.88	AV	27.00	150	Horizontal	Pass
2	2760.500	45.08	-8.58	74.0	28.92	Peak	252.00	150	Horizontal	Pass
2**	2760.500	34.01	-8.58	54.0	19.99	AV	252.00	150	Horizontal	Pass
3	4299.500	48.47	-2.89	74.0	25.53	Peak	280.00	150	Horizontal	Pass
3**	4299.500	37.72	-2.89	54.0	16.28	AV	280.00	150	Horizontal	Pass
4	5781.000	96.45	0.37	--	--	Peak	348.00	150	Horizontal	N/A
4**	5781.000	87.66	0.37	--	--	AV	348.00	150	Horizontal	N/A
5	8370.500	51.49	1.03	74.0	22.51	Peak	0.00	150	Horizontal	Pass
5**	8370.500	41.70	1.03	54.0	12.30	AV	0.00	150	Horizontal	Pass
6	11719.963	52.21	1.78	74.0	21.79	Peak	351.00	150	Horizontal	Pass
6**	11719.963	41.96	1.78	54.0	12.04	AV	351.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1193.750	38.90	-15.23	74.0	35.10	Peak	351.00	150	Vertical	Pass
1**	1193.750	28.35	-15.23	54.0	25.65	AV	351.00	150	Vertical	Pass
2	2785.000	45.34	-8.03	74.0	28.66	Peak	271.00	150	Vertical	Pass
2**	2785.000	34.35	-8.03	54.0	19.65	AV	271.00	150	Vertical	Pass
3	4285.500	48.26	-2.97	74.0	25.74	Peak	184.00	150	Vertical	Pass
3**	4285.500	37.26	-2.97	54.0	16.74	AV	184.00	150	Vertical	Pass
4	5822.000	104.55	0.48	--	--	Peak	360.00	150	Vertical	N/A
4**	5822.000	96.36	0.48	--	--	AV	360.00	150	Vertical	N/A
5	8409.688	51.79	0.35	74.0	22.21	Peak	149.00	150	Vertical	Pass
5**	8409.688	40.91	0.35	54.0	13.09	AV	149.00	150	Vertical	Pass
6	12300.174	53.14	1.85	74.0	20.86	Peak	77.00	150	Vertical	Pass
6**	12300.174	41.77	1.85	54.0	12.23	AV	77.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.000	39.68	-15.63	74.0	34.32	Peak	0.00	150	Horizontal	Pass
1**	1056.000	27.67	-15.63	54.0	26.33	AV	0.00	150	Horizontal	Pass
2	2853.750	46.14	-7.58	74.0	27.86	Peak	154.00	150	Horizontal	Pass
2**	2853.750	34.79	-7.58	54.0	19.21	AV	154.00	150	Horizontal	Pass
3	3883.000	47.96	-3.81	74.0	26.04	Peak	310.00	150	Horizontal	Pass
3**	3883.000	38.66	-3.81	54.0	15.34	AV	310.00	150	Horizontal	Pass
4	5821.000	94.58	0.48	--	--	Peak	360.00	150	Horizontal	N/A
4**	5821.000	86.35	0.48	--	--	AV	360.00	150	Horizontal	N/A
5	8334.875	51.51	0.67	74.0	22.49	Peak	0.00	150	Horizontal	Pass
5**	8334.875	41.55	0.67	54.0	12.45	AV	0.00	150	Horizontal	Pass
6	11154.950	53.22	1.66	74.0	20.78	Peak	353.00	150	Horizontal	Pass
6**	11154.950	42.02	1.66	54.0	11.98	AV	353.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1132.500	39.08	-15.56	74.0	34.92	Peak	224.00	150	Vertical	Pass
1**	1132.500	27.90	-15.56	54.0	26.10	AV	224.00	150	Vertical	Pass
2	2778.250	44.73	-8.11	74.0	29.27	Peak	360.00	150	Vertical	Pass
2**	2778.250	34.54	-8.11	54.0	19.46	AV	360.00	150	Vertical	Pass
3	3850.500	52.14	-4.58	74.0	21.86	Peak	332.00	150	Vertical	Pass
3**	3850.500	50.45	-4.58	54.0	3.55	AV	332.00	150	Vertical	Pass
4	5762.000	102.54	0.13	--	--	Peak	4.00	150	Vertical	N/A
4**	5762.000	94.33	0.13	--	--	AV	4.00	150	Vertical	N/A
5	8288.088	51.04	1.06	74.0	22.96	Peak	164.00	150	Vertical	Pass
5**	8288.088	41.46	1.06	54.0	12.54	AV	164.00	150	Vertical	Pass
6	11616.650	53.20	1.96	74.0	20.80	Peak	164.00	150	Vertical	Pass
6**	11616.650	42.36	1.96	54.0	11.64	AV	164.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.000	39.99	-15.24	74.0	34.01	Peak	167.00	150	Horizontal	Pass
1**	1195.000	30.47	-15.24	54.0	23.53	AV	167.00	150	Horizontal	Pass
2	2850.750	45.36	-7.60	74.0	28.64	Peak	253.00	150	Horizontal	Pass
2**	2850.750	34.73	-7.60	54.0	19.27	AV	253.00	150	Horizontal	Pass
3	4016.500	47.65	-3.26	74.0	26.35	Peak	211.00	150	Horizontal	Pass
3**	4016.500	37.33	-3.26	54.0	16.67	AV	211.00	150	Horizontal	Pass
4	5761.500	94.65	0.13	--	--	Peak	0.00	150	Horizontal	N/A
4**	5761.500	86.45	0.13	--	--	AV	0.00	150	Horizontal	N/A
5	8375.013	52.15	1.06	74.0	21.85	Peak	1.00	150	Horizontal	Pass
5**	8375.013	41.00	1.06	54.0	13.00	AV	1.00	150	Horizontal	Pass
6	11663.438	52.73	1.33	74.0	21.27	Peak	22.00	150	Horizontal	Pass
6**	11663.438	41.46	1.33	54.0	12.54	AV	22.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.250	39.36	-15.48	74.0	34.64	Peak	109.00	150	Vertical	Pass
1**	1169.250	27.56	-15.48	54.0	26.44	AV	109.00	150	Vertical	Pass
2	2768.250	45.44	-7.99	74.0	28.56	Peak	344.00	150	Vertical	Pass
2**	2768.250	34.51	-7.99	54.0	19.49	AV	344.00	150	Vertical	Pass
3	4124.500	47.84	-3.42	74.0	26.16	Peak	0.00	150	Vertical	Pass
3**	4124.500	37.02	-3.42	54.0	16.98	AV	0.00	150	Vertical	Pass
4	5784.000	102.89	0.34	--	--	Peak	0.00	150	Vertical	N/A
4**	5784.000	94.23	0.34	--	--	AV	0.00	150	Vertical	N/A
5	8444.838	51.89	0.14	74.0	22.11	Peak	45.00	150	Vertical	Pass
5**	8444.838	40.87	0.14	54.0	13.13	AV	45.00	150	Vertical	Pass
6	12326.300	53.09	2.33	74.0	20.91	Peak	360.00	150	Vertical	Pass
6**	12326.300	42.34	2.33	54.0	11.66	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1191.750	39.06	-15.27	74.0	34.94	Peak	360.00	150	Horizontal	Pass
1**	1191.750	28.17	-15.27	54.0	25.83	AV	360.00	150	Horizontal	Pass
2	2771.250	45.60	-7.89	74.0	28.40	Peak	340.00	150	Horizontal	Pass
2**	2771.250	34.30	-7.89	54.0	19.70	AV	340.00	150	Horizontal	Pass
3	4057.000	47.80	-2.93	74.0	26.20	Peak	230.00	150	Horizontal	Pass
3**	4057.000	37.26	-2.93	54.0	16.74	AV	230.00	150	Horizontal	Pass
4	5785.000	93.54	0.36	--	--	Peak	352.00	150	Horizontal	N/A
4**	5785.000	85.20	0.36	--	--	AV	352.00	150	Horizontal	N/A
5	8412.063	51.57	0.29	74.0	22.43	Peak	164.00	150	Horizontal	Pass
5**	8412.063	40.98	0.29	54.0	13.02	AV	164.00	150	Horizontal	Pass
6	12129.412	52.94	1.86	74.0	21.06	Peak	188.00	150	Horizontal	Pass
6**	12129.412	42.56	1.86	54.0	11.44	AV	188.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.750	39.60	-15.23	74.0	34.40	Peak	271.00	150	Vertical	Pass
1**	1194.750	30.63	-15.23	54.0	23.37	AV	271.00	150	Vertical	Pass
2	2775.000	44.57	-8.02	74.0	29.43	Peak	239.00	150	Vertical	Pass
2**	2775.000	34.11	-8.02	54.0	19.89	AV	239.00	150	Vertical	Pass
3	3830.500	49.66	-4.27	74.0	24.34	Peak	323.00	150	Vertical	Pass
3**	3830.500	47.41	-4.27	54.0	6.59	AV	323.00	150	Vertical	Pass
4	5741.000	106.29	-0.15	--	--	Peak	5.00	150	Vertical	N/A
4**	5741.000	97.71	-0.15	--	--	AV	5.00	150	Vertical	N/A
5	8336.537	51.31	0.75	74.0	22.69	Peak	235.00	150	Vertical	Pass
5**	8336.537	40.64	0.75	54.0	13.36	AV	235.00	150	Vertical	Pass
6	11081.800	53.08	1.71	74.0	20.92	Peak	68.00	150	Vertical	Pass
6**	11081.800	41.51	1.71	54.0	12.49	AV	68.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	39.02	-15.26	74.0	34.98	Peak	164.00	150	Horizontal	Pass
1**	1195.500	30.16	-15.26	54.0	23.84	AV	164.00	150	Horizontal	Pass
2	2769.000	45.19	-7.97	74.0	28.81	Peak	274.00	150	Horizontal	Pass
2**	2769.000	34.66	-7.97	54.0	19.34	AV	274.00	150	Horizontal	Pass
3	3972.500	48.17	-3.34	74.0	25.83	Peak	261.00	150	Horizontal	Pass
3**	3972.500	36.64	-3.34	54.0	17.36	AV	261.00	150	Horizontal	Pass
4	5743.000	97.84	-0.11	--	--	Peak	358.00	150	Horizontal	N/A
4**	5743.000	89.11	-0.11	--	--	AV	358.00	150	Horizontal	N/A
5	8406.600	51.72	0.44	74.0	22.28	Peak	21.00	150	Horizontal	Pass
5**	8406.600	41.23	0.44	54.0	12.77	AV	21.00	150	Horizontal	Pass
6	11969.812	53.20	1.95	74.0	20.80	Peak	93.00	150	Horizontal	Pass
6**	11969.812	41.72	1.95	54.0	12.28	AV	93.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1059.250	38.67	-15.62	74.0	35.33	Peak	111.00	150	Vertical	Pass
1**	1059.250	27.67	-15.62	54.0	26.33	AV	111.00	150	Vertical	Pass
2	2818.750	45.44	-8.10	74.0	28.56	Peak	39.00	150	Vertical	Pass
2**	2818.750	34.15	-8.10	54.0	19.85	AV	39.00	150	Vertical	Pass
3	3854.000	50.33	-4.59	74.0	23.67	Peak	333.00	150	Vertical	Pass
3**	3854.000	49.83	-4.59	54.0	4.17	AV	333.00	150	Vertical	Pass
4	5786.000	105.04	0.38	--	--	Peak	319.00	150	Vertical	N/A
4**	5786.000	96.83	0.38	--	--	AV	319.00	150	Vertical	N/A
5	8204.725	51.71	0.44	74.0	22.29	Peak	317.00	150	Vertical	Pass
5**	8204.725	39.97	0.44	54.0	14.03	AV	317.00	150	Vertical	Pass
6	12098.775	52.94	1.93	74.0	21.06	Peak	52.00	150	Vertical	Pass
6**	12098.775	42.62	1.93	54.0	11.38	AV	52.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.750	38.40	-15.26	74.0	35.60	Peak	108.00	150	Horizontal	Pass
1**	1195.750	30.49	-15.26	54.0	23.51	AV	108.00	150	Horizontal	Pass
2	2848.500	45.72	-7.55	74.0	28.28	Peak	202.00	150	Horizontal	Pass
2**	2848.500	34.74	-7.55	54.0	19.26	AV	202.00	150	Horizontal	Pass
3	3879.000	47.80	-3.78	74.0	26.20	Peak	180.00	150	Horizontal	Pass
3**	3879.000	37.33	-3.78	54.0	16.67	AV	180.00	150	Horizontal	Pass
4	5783.500	95.91	0.33	--	--	Peak	351.00	150	Horizontal	N/A
4**	5783.500	87.21	0.33	--	--	AV	351.00	150	Horizontal	N/A
5	8290.700	50.92	1.03	74.0	23.08	Peak	360.00	150	Horizontal	Pass
5**	8290.700	41.80	1.03	54.0	12.20	AV	360.00	150	Horizontal	Pass
6	12261.937	52.81	1.87	74.0	21.19	Peak	188.00	150	Horizontal	Pass
6**	12261.937	42.65	1.87	54.0	11.35	AV	188.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.500	38.55	-15.58	74.0	35.45	Peak	179.00	150	Vertical	Pass
1**	1079.500	27.45	-15.58	54.0	26.55	AV	179.00	150	Vertical	Pass
2	2758.000	45.94	-8.79	74.0	28.06	Peak	219.00	150	Vertical	Pass
2**	2758.000	33.96	-8.79	54.0	20.04	AV	219.00	150	Vertical	Pass
3	3884.000	54.07	-3.84	74.0	19.93	Peak	331.00	150	Vertical	Pass
3**	3884.000	53.29	-3.84	54.0	0.71	AV	331.00	150	Vertical	Pass
4	5827.000	104.76	0.74	--	--	Peak	0.00	150	Vertical	N/A
4**	5827.000	95.94	0.74	--	--	AV	0.00	150	Vertical	N/A
5	8250.088	51.52	0.93	74.0	22.48	Peak	302.00	150	Vertical	Pass
5**	8250.088	40.69	0.93	54.0	13.31	AV	302.00	150	Vertical	Pass
6	12021.588	53.04	2.05	74.0	20.96	Peak	178.00	150	Vertical	Pass
6**	12021.588	41.88	2.05	54.0	12.12	AV	178.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.250	39.18	-15.26	74.0	34.82	Peak	115.00	150	Horizontal	Pass
1**	1196.250	30.45	-15.26	54.0	23.55	AV	115.00	150	Horizontal	Pass
2	2770.500	45.06	-7.89	74.0	28.94	Peak	234.00	150	Horizontal	Pass
2**	2770.500	34.55	-7.89	54.0	19.45	AV	234.00	150	Horizontal	Pass
3	3884.000	49.54	-3.84	74.0	24.46	Peak	260.00	150	Horizontal	Pass
3**	3884.000	45.71	-3.84	54.0	8.29	AV	260.00	150	Horizontal	Pass
4	5829.500	90.18	0.87	--	--	Peak	52.00	150	Horizontal	N/A
4**	5829.500	82.14	0.87	--	--	AV	52.00	150	Horizontal	N/A
5	8289.750	51.09	1.03	74.0	22.91	Peak	267.00	150	Horizontal	Pass
5**	8289.750	41.29	1.03	54.0	12.71	AV	267.00	150	Horizontal	Pass
6	11569.863	52.97	1.92	74.0	21.03	Peak	360.00	150	Horizontal	Pass
6**	11569.863	42.06	1.92	54.0	11.94	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.500	39.25	-15.48	74.0	34.75	Peak	128.00	150	Vertical	Pass
1**	1169.500	27.73	-15.48	54.0	26.27	AV	128.00	150	Vertical	Pass
2	2751.500	45.39	-9.15	74.0	28.61	Peak	347.00	150	Vertical	Pass
2**	2751.500	34.08	-9.15	54.0	19.92	AV	347.00	150	Vertical	Pass
3	3837.000	50.99	-4.41	74.0	23.01	Peak	334.00	150	Vertical	Pass
3**	3837.000	48.43	-4.41	54.0	5.57	AV	334.00	150	Vertical	Pass
4	5741.000	102.67	-0.15	--	--	Peak	2.00	150	Vertical	N/A
4**	5741.000	94.37	-0.15	--	--	AV	2.00	150	Vertical	N/A
5	8340.100	50.95	0.87	74.0	23.05	Peak	0.00	150	Vertical	Pass
5**	8340.100	40.59	0.87	54.0	13.41	AV	0.00	150	Vertical	Pass
6	12425.813	53.09	2.57	74.0	20.91	Peak	168.00	150	Vertical	Pass
6**	12425.813	42.01	2.57	54.0	11.99	AV	168.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.000	39.01	-15.23	74.0	34.99	Peak	242.00	150	Horizontal	Pass
1**	1194.000	28.40	-15.23	54.0	25.60	AV	242.00	150	Horizontal	Pass
2	2845.750	45.79	-7.50	74.0	28.21	Peak	27.00	150	Horizontal	Pass
2**	2845.750	34.81	-7.50	54.0	19.19	AV	27.00	150	Horizontal	Pass
3	3850.500	46.42	-4.58	74.0	27.58	Peak	261.00	150	Horizontal	Pass
3**	3850.500	36.35	-4.58	54.0	17.65	AV	261.00	150	Horizontal	Pass
4	5747.000	87.86	-0.07	--	--	Peak	312.00	150	Horizontal	N/A
4**	5747.000	79.56	-0.07	--	--	AV	312.00	150	Horizontal	N/A
5	8335.112	50.83	0.68	74.0	23.17	Peak	146.00	150	Horizontal	Pass
5**	8335.112	40.69	0.68	54.0	13.31	AV	146.00	150	Horizontal	Pass
6	11544.925	52.41	1.73	74.0	21.59	Peak	123.00	150	Horizontal	Pass
6**	11544.925	41.39	1.73	54.0	12.61	AV	123.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.000	38.77	-15.23	74.0	35.23	Peak	139.00	150	Vertical	Pass
1**	1506.000	28.51	-15.23	54.0	25.49	AV	139.00	150	Vertical	Pass
2	2237.250	42.93	-11.60	74.0	31.07	Peak	304.00	150	Vertical	Pass
2**	2237.250	31.74	-11.60	54.0	22.26	AV	304.00	150	Vertical	Pass
3	3864.000	51.82	-4.57	74.0	22.18	Peak	336.00	150	Vertical	Pass
3**	3864.000	50.60	-4.57	54.0	3.40	AV	336.00	150	Vertical	Pass
4	5783.500	101.37	0.33	--	--	Peak	360.00	150	Vertical	N/A
4**	5783.500	93.32	0.33	--	--	AV	360.00	150	Vertical	N/A
5	8289.275	50.11	1.03	74.0	23.89	Peak	21.00	150	Vertical	Pass
5**	8289.275	40.87	1.03	54.0	13.13	AV	21.00	150	Vertical	Pass
6	11443.037	52.66	1.91	74.0	21.34	Peak	111.00	150	Vertical	Pass
6**	11443.037	41.65	1.91	54.0	12.35	AV	111.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	38.87	-15.26	74.0	35.13	Peak	173.00	150	Horizontal	Pass
1**	1195.500	30.40	-15.26	54.0	23.60	AV	173.00	150	Horizontal	Pass
2	2819.250	45.24	-8.12	74.0	28.76	Peak	232.00	150	Horizontal	Pass
2**	2819.250	34.15	-8.12	54.0	19.85	AV	232.00	150	Horizontal	Pass
3	3863.500	48.20	-4.57	74.0	25.80	Peak	264.00	150	Horizontal	Pass
3**	3863.500	43.66	-4.57	54.0	10.34	AV	264.00	150	Horizontal	Pass
4	5780.500	89.29	0.37	--	--	Peak	168.00	150	Horizontal	N/A
4**	5780.500	80.73	0.37	--	--	AV	168.00	150	Horizontal	N/A
5	8247.950	50.56	0.80	74.0	23.44	Peak	354.00	150	Horizontal	Pass
5**	8247.950	40.83	0.80	54.0	13.17	AV	354.00	150	Horizontal	Pass
6	11996.888	52.70	1.90	74.0	21.30	Peak	0.00	150	Horizontal	Pass
6**	11996.888	40.66	1.90	54.0	13.34	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1104.250	38.56	-15.64	74.0	35.44	Peak	263.00	150	Vertical	Pass
1**	1104.250	26.95	-15.64	54.0	27.05	AV	263.00	150	Vertical	Pass
2	1497.000	38.94	-15.38	74.0	35.06	Peak	158.00	150	Vertical	Pass
2**	1497.000	28.02	-15.38	54.0	25.98	AV	158.00	150	Vertical	Pass
3	3850.500	50.07	-4.58	74.0	23.93	Peak	327.00	150	Vertical	Pass
3**	3850.500	47.45	-4.58	54.0	6.55	AV	327.00	150	Vertical	Pass
4	5764.000	103.80	0.20	--	-99.80	Peak	4.00	150	Vertical	N/A
4**	5764.000	93.60	0.20	--	-93.60	AV	4.00	150	Vertical	N/A
5	8301.150	50.27	0.83	74.0	23.73	Peak	164.00	150	Vertical	Pass
5**	8301.150	39.85	0.83	54.0	14.15	AV	164.00	150	Vertical	Pass
6	11436.625	51.90	1.86	74.0	22.10	Peak	141.00	150	Vertical	Pass
6**	11436.625	41.00	1.86	54.0	13.00	AV	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.500	37.16	-15.22	74.0	36.84	Peak	167.00	150	Horizontal	Pass
1**	1194.500	30.52	-15.22	54.0	23.48	AV	167.00	150	Horizontal	Pass
2	1493.500	39.58	-15.45	74.0	34.42	Peak	239.00	150	Horizontal	Pass
2**	1493.500	29.44	-15.45	54.0	24.56	AV	239.00	150	Horizontal	Pass
3	3850.500	45.24	-4.58	74.0	28.76	Peak	0.00	150	Horizontal	Pass
3**	3850.500	39.79	-4.58	54.0	14.21	AV	0.00	150	Horizontal	Pass
4	5764.000	91.90	0.20	--	-88.90	Peak	3.00	150	Horizontal	N/A
4**	5764.000	81.62	0.20	--	-81.62	AV	3.00	150	Horizontal	N/A
5	8323.474	50.02	0.58	74.0	23.98	Peak	25.00	150	Horizontal	Pass
5**	8323.474	40.22	0.58	54.0	13.78	AV	25.00	150	Horizontal	Pass
6	12150.550	52.38	1.72	74.0	21.62	Peak	72.00	150	Horizontal	Pass
6**	12150.550	42.40	1.72	54.0	11.60	AV	72.00	150	Horizontal	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.750	38.79	-15.23	74.0	35.21	Peak	169.00	150	Vertical	Pass
1**	1194.750	31.11	-15.23	54.0	22.89	AV	169.00	150	Vertical	Pass
2	2783.750	45.22	-8.04	74.0	28.78	Peak	272.00	150	Vertical	Pass
2**	2783.750	34.00	-8.04	54.0	20.00	AV	272.00	150	Vertical	Pass
3	3813.500	46.81	-3.90	74.0	27.19	Peak	273.00	150	Vertical	Pass
3**	3813.500	38.99	-3.90	54.0	15.01	AV	273.00	150	Vertical	Pass
4	5713.500	96.71	-0.15	--	--	Peak	167.00	150	Vertical	N/A
4**	5713.500	88.36	-0.15	--	--	AV	167.00	150	Vertical	N/A
5	8374.300	51.52	1.06	74.0	22.48	Peak	242.00	150	Vertical	Pass
5**	8374.300	40.73	1.06	54.0	13.27	AV	242.00	150	Vertical	Pass
6	11485.312	53.54	1.85	74.0	20.46	Peak	359.00	150	Vertical	Pass
6**	11485.312	42.43	1.85	54.0	11.57	AV	359.00	150	Vertical	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.250	39.48	-15.22	74.0	34.52	Peak	167.00	150	Horizontal	Pass
1**	1194.250	32.68	-15.22	54.0	21.32	AV	167.00	150	Horizontal	Pass
2	2771.000	45.01	-7.88	74.0	28.99	Peak	342.00	150	Horizontal	Pass
2**	2771.000	34.50	-7.88	54.0	19.50	AV	342.00	150	Horizontal	Pass
3	3813.500	47.34	-3.90	74.0	26.66	Peak	276.00	150	Horizontal	Pass
3**	3813.500	39.16	-3.90	54.0	14.84	AV	276.00	150	Horizontal	Pass
4	5718.500	96.55	-0.15	--	--	Peak	167.00	150	Horizontal	N/A
4**	5718.500	87.89	-0.15	--	--	AV	167.00	150	Horizontal	N/A
5	8320.625	51.28	0.63	74.0	22.72	Peak	0.00	150	Horizontal	Pass
5**	8320.625	40.73	0.63	54.0	13.27	AV	0.00	150	Horizontal	Pass
6	11755.112	52.29	1.77	74.0	21.71	Peak	144.00	150	Horizontal	Pass
6**	11755.112	41.70	1.77	54.0	12.30	AV	144.00	150	Horizontal	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.000	39.27	-15.27	74.0	34.73	Peak	59.00	100	Vertical	Pass
1**	1198.000	28.45	-15.27	54.0	25.55	AV	59.00	100	Vertical	Pass
2	2786.000	45.32	-8.04	74.0	28.68	Peak	0.00	100	Vertical	Pass
2**	2786.000	34.24	-8.04	54.0	19.76	AV	0.00	100	Vertical	Pass
3	3814.000	47.97	-3.90	74.0	26.03	Peak	330.00	100	Vertical	Pass
3**	3814.000	44.92	-3.90	54.0	9.08	AV	330.00	100	Vertical	Pass
4	5715.500	110.37	-0.15	--	--	Peak	4.00	100	Vertical	N/A
4**	5715.500	101.75	-0.15	--	--	AV	4.00	100	Vertical	N/A
5	8279.300	51.42	0.87	74.0	22.58	Peak	218.00	100	Vertical	Pass
5**	8279.300	41.50	0.87	54.0	12.50	AV	218.00	100	Vertical	Pass
6	11595.513	53.14	1.91	74.0	20.86	Peak	172.00	100	Vertical	Pass
6**	11595.513	41.78	1.91	54.0	12.22	AV	172.00	100	Vertical	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1097.000	39.61	-15.67	74.0	34.39	Peak	0.00	150	Horizontal	Pass
1**	1097.000	27.61	-15.67	54.0	26.39	AV	0.00	150	Horizontal	Pass
2	2816.500	45.77	-8.05	74.0	28.23	Peak	329.00	150	Horizontal	Pass
2**	2816.500	34.54	-8.05	54.0	19.46	AV	329.00	150	Horizontal	Pass
3	3813.500	45.96	-3.90	74.0	28.04	Peak	321.00	150	Horizontal	Pass
3**	3813.500	40.07	-3.90	54.0	13.93	AV	321.00	150	Horizontal	Pass
4	5713.000	95.55	-0.14	--	--	Peak	196.00	150	Horizontal	N/A
4**	5713.000	87.96	-0.14	--	--	AV	196.00	150	Horizontal	N/A
5	8296.162	51.09	0.98	74.0	22.91	Peak	0.00	150	Horizontal	Pass
5**	8296.162	41.28	0.98	54.0	12.72	AV	0.00	150	Horizontal	Pass
6	12137.725	53.25	1.80	74.0	20.75	Peak	243.00	150	Horizontal	Pass
6**	12137.725	42.54	1.80	54.0	11.46	AV	243.00	150	Horizontal	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.750	39.11	-15.23	74.0	34.89	Peak	273.00	150	Vertical	Pass
1**	1194.750	29.65	-15.23	54.0	24.35	AV	273.00	150	Vertical	Pass
2	1480.500	39.07	-15.65	74.0	34.93	Peak	360.00	150	Vertical	Pass
2**	1480.500	28.79	-15.65	54.0	25.21	AV	360.00	150	Vertical	Pass
3	3807.000	47.91	-3.86	74.0	26.09	Peak	0.00	150	Vertical	Pass
3**	3807.000	41.77	-3.86	54.0	12.23	AV	0.00	150	Vertical	Pass
4	5697.000	107.45	-0.37	--	--	Peak	10.00	150	Vertical	N/A
4**	5697.000	99.36	-0.37	--	--	AV	10.00	150	Vertical	N/A
5	8401.612	51.71	0.39	74.0	22.29	Peak	260.00	150	Vertical	Pass
5**	8401.612	41.13	0.39	54.0	12.87	AV	260.00	150	Vertical	Pass
6	11483.650	52.58	1.66	74.0	21.42	Peak	284.00	150	Vertical	Pass
6**	11483.650	41.44	1.66	54.0	12.56	AV	284.00	150	Vertical	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.250	39.68	-15.25	74.0	34.32	Peak	178.00	150	Horizontal	Pass
1**	1195.250	31.07	-15.25	54.0	22.93	AV	178.00	150	Horizontal	Pass
2	2836.000	44.99	-7.82	74.0	29.01	Peak	256.00	150	Horizontal	Pass
2**	2836.000	34.61	-7.82	54.0	19.39	AV	256.00	150	Horizontal	Pass
3	3807.000	45.22	-3.86	74.0	28.78	Peak	185.00	150	Horizontal	Pass
3**	3807.000	39.24	-3.86	54.0	14.76	AV	185.00	150	Horizontal	Pass
4	5702.000	93.84	-0.36	--	--	Peak	204.00	150	Horizontal	N/A
4**	5702.000	85.97	-0.36	--	--	AV	204.00	150	Horizontal	N/A
5	8167.437	51.90	0.01	74.0	22.10	Peak	315.00	150	Horizontal	Pass
5**	8167.437	41.34	0.01	54.0	12.66	AV	315.00	150	Horizontal	Pass
6	12441.012	53.98	2.42	74.0	20.02	Peak	99.00	150	Horizontal	Pass
6**	12441.012	42.49	2.42	54.0	11.51	AV	99.00	150	Horizontal	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.250	38.81	-15.46	74.0	35.19	Peak	150.00	150	Vertical	Pass
1**	1161.250	28.19	-15.46	54.0	25.81	AV	150.00	150	Vertical	Pass
2	1551.250	40.43	-15.39	74.0	33.57	Peak	150.00	150	Vertical	Pass
2**	1551.250	28.36	-15.39	54.0	25.64	AV	150.00	150	Vertical	Pass
3	3814.000	48.47	-3.90	74.0	25.53	Peak	332.00	150	Vertical	Pass
3**	3814.000	44.78	-3.90	54.0	9.22	AV	332.00	150	Vertical	Pass
4	5726.000	110.12	-0.17	--	--	Peak	11.00	150	Vertical	N/A
4**	5726.000	101.71	-0.17	--	--	AV	11.00	150	Vertical	N/A
5	8269.325	51.88	0.97	74.0	22.12	Peak	0.00	150	Vertical	Pass
5**	8269.325	41.25	0.97	54.0	12.75	AV	0.00	150	Vertical	Pass
6	11282.487	52.88	1.59	74.0	21.12	Peak	0.00	150	Vertical	Pass
6**	11282.487	42.00	1.59	54.0	12.00	AV	0.00	150	Vertical	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.750	39.66	-15.26	74.0	34.34	Peak	163.00	150	Horizontal	Pass
1**	1195.750	30.22	-15.26	54.0	23.78	AV	163.00	150	Horizontal	Pass
2	1514.250	39.94	-15.23	74.0	34.06	Peak	88.00	150	Horizontal	Pass
2**	1514.250	28.70	-15.23	54.0	25.30	AV	88.00	150	Horizontal	Pass
3	3846.000	47.70	-4.57	74.0	26.30	Peak	217.00	150	Horizontal	Pass
3**	3846.000	36.67	-4.57	54.0	17.33	AV	217.00	150	Horizontal	Pass
4	5716.500	96.91	-0.14	--	111.09	Peak	208.00	150	Horizontal	N/A
4**	5716.500	88.60	-0.14	--	-88.60	AV	208.00	150	Horizontal	N/A
5	8258.875	51.64	1.15	74.0	22.36	Peak	239.00	150	Horizontal	Pass
5**	8258.875	40.92	1.15	54.0	13.08	AV	239.00	150	Horizontal	Pass
6	12128.224	53.10	1.90	74.0	20.90	Peak	360.00	150	Horizontal	Pass
6**	12128.224	42.36	1.90	54.0	11.64	AV	360.00	150	Horizontal	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.000	38.87	-15.23	74.0	35.13	Peak	295.00	150	Vertical	Pass
1**	1194.000	28.94	-15.23	54.0	25.06	AV	295.00	150	Vertical	Pass
2	2772.000	45.43	-7.92	74.0	28.57	Peak	100.00	150	Vertical	Pass
2**	2772.000	34.38	-7.92	54.0	19.62	AV	100.00	150	Vertical	Pass
3	3807.000	48.49	-3.86	74.0	25.51	Peak	347.00	150	Vertical	Pass
3**	3807.000	44.25	-3.86	54.0	9.75	AV	347.00	150	Vertical	Pass
4	5695.000	107.45	-0.37	--	--	Peak	11.00	150	Vertical	N/A
4**	5695.000	99.16	-0.37	--	--	AV	11.00	150	Vertical	N/A
5	8325.375	51.91	0.57	74.0	22.09	Peak	188.00	150	Vertical	Pass
5**	8325.375	42.01	0.57	54.0	11.99	AV	188.00	150	Vertical	Pass
6	11891.438	52.90	2.08	74.0	21.10	Peak	119.00	150	Vertical	Pass
6**	11891.438	42.18	2.08	54.0	11.82	AV	119.00	150	Vertical	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.250	39.36	-15.25	74.0	34.64	Peak	170.00	150	Horizontal	Pass
1**	1195.250	32.18	-15.25	54.0	21.82	AV	170.00	150	Horizontal	Pass
2	2810.750	45.68	-8.17	74.0	28.32	Peak	46.00	150	Horizontal	Pass
2**	2810.750	33.98	-8.17	54.0	20.02	AV	46.00	150	Horizontal	Pass
3	4990.500	51.66	-1.01	74.0	22.34	Peak	313.00	150	Horizontal	Pass
3**	4990.500	40.08	-1.01	54.0	13.92	AV	313.00	150	Horizontal	Pass
4	5702.000	94.03	-0.36	--	--	Peak	196.00	150	Horizontal	N/A
4**	5702.000	85.73	-0.36	--	--	AV	196.00	150	Horizontal	N/A
5	8166.013	51.53	0.02	74.0	22.47	Peak	120.00	150	Horizontal	Pass
5**	8166.013	41.17	0.02	54.0	12.83	AV	120.00	150	Horizontal	Pass
6	11744.425	53.15	1.81	74.0	20.85	Peak	0.00	150	Horizontal	Pass
6**	11744.425	41.47	1.81	54.0	12.53	AV	0.00	150	Horizontal	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.250	39.18	-15.28	74.0	34.82	Peak	359.00	150	Vertical	Pass
1**	1202.250	28.30	-15.28	54.0	25.70	AV	359.00	150	Vertical	Pass
2	1531.500	39.25	-15.41	74.0	34.75	Peak	260.00	150	Vertical	Pass
2**	1531.500	28.28	-15.41	54.0	25.72	AV	260.00	150	Vertical	Pass
3	3793.500	47.21	-4.65	74.0	26.79	Peak	333.00	150	Vertical	Pass
3**	3793.500	40.72	-4.65	54.0	13.28	AV	333.00	150	Vertical	Pass
4	5678.500	108.30	0.12	--	-108.30	Peak	0.00	150	Vertical	N/A
4**	5678.500	98.09	0.12	--	-98.09	AV	0.00	150	Vertical	N/A
5	8261.487	50.41	1.20	74.0	23.59	Peak	360.00	150	Vertical	Pass
5**	8261.487	40.98	1.20	54.0	13.02	AV	360.00	150	Vertical	Pass
6	11963.638	52.27	1.85	74.0	21.73	Peak	0.00	150	Vertical	Pass
6**	11963.638	41.58	1.85	54.0	12.42	AV	0.00	150	Vertical	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	37.20	-15.26	74.0	36.80	Peak	163.00	150	Horizontal	Pass
1**	1195.500	30.74	-15.26	54.0	23.26	AV	163.00	150	Horizontal	Pass
2	1493.000	43.88	-15.47	74.0	30.12	Peak	241.00	150	Horizontal	Pass
2**	1493.000	33.49	-15.47	54.0	20.51	AV	241.00	150	Horizontal	Pass
3	4071.000	48.10	-3.56	74.0	25.90	Peak	71.00	150	Horizontal	Pass
3**	4071.000	36.04	-3.56	54.0	17.96	AV	71.00	150	Horizontal	Pass
4	5679.000	96.77	0.11	--	-96.77	Peak	0.00	150	Horizontal	N/A
4**	5679.000	86.36	0.11	--	-86.36	AV	0.00	150	Horizontal	N/A
5	8287.849	50.63	1.06	74.0	23.37	Peak	360.00	150	Horizontal	Pass
5**	8287.849	40.62	1.06	54.0	13.38	AV	360.00	150	Horizontal	Pass
6	10934.313	51.60	1.67	74.0	22.40	Peak	263.00	150	Horizontal	Pass
6**	10934.313	40.83	1.67	54.0	13.17	AV	263.00	150	Horizontal	Pass

A.6.2 Band Edge (Restricted-band)

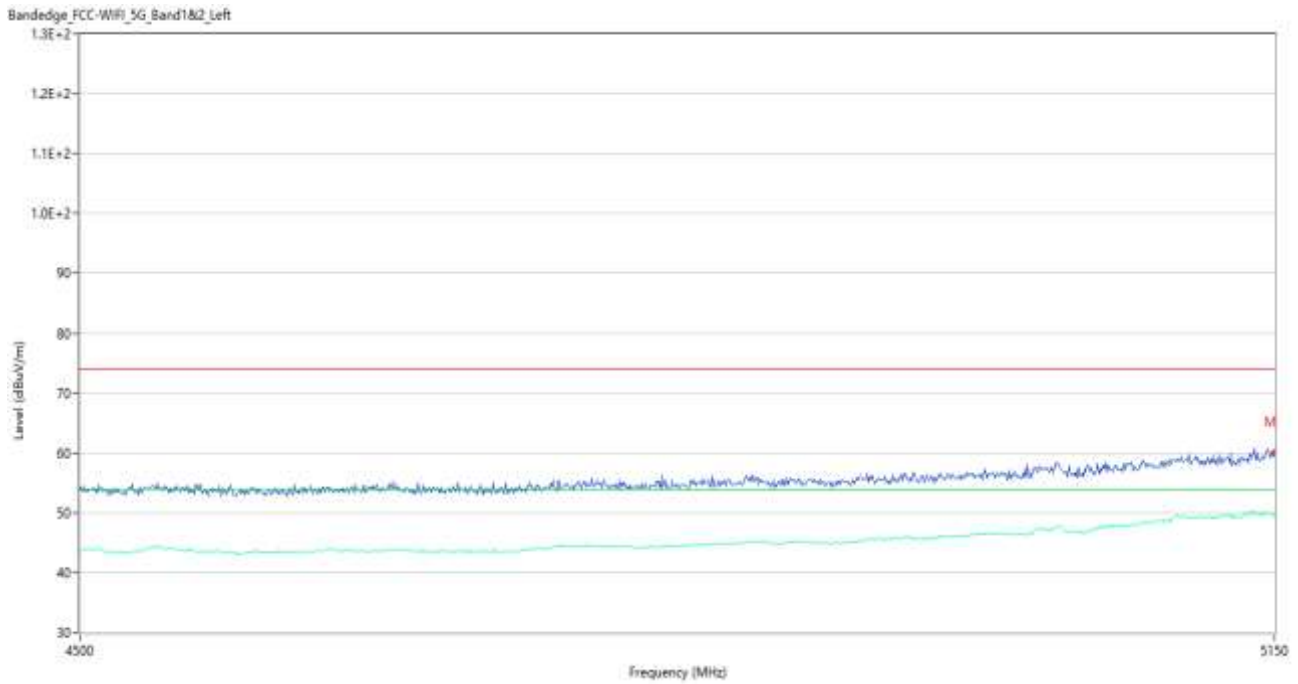
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	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 Band	Mode	Channel	Verdict
U-NII-2C & U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass

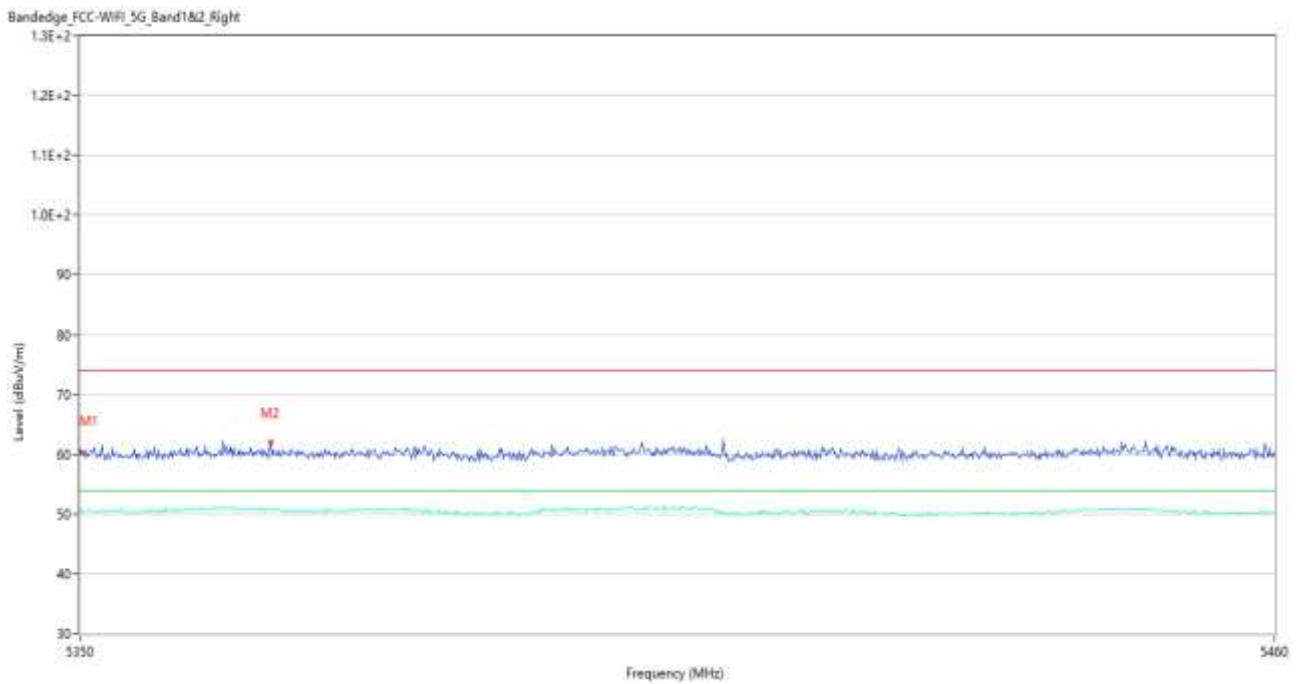
Test Data and Plots

U-NII-1 11a CH36



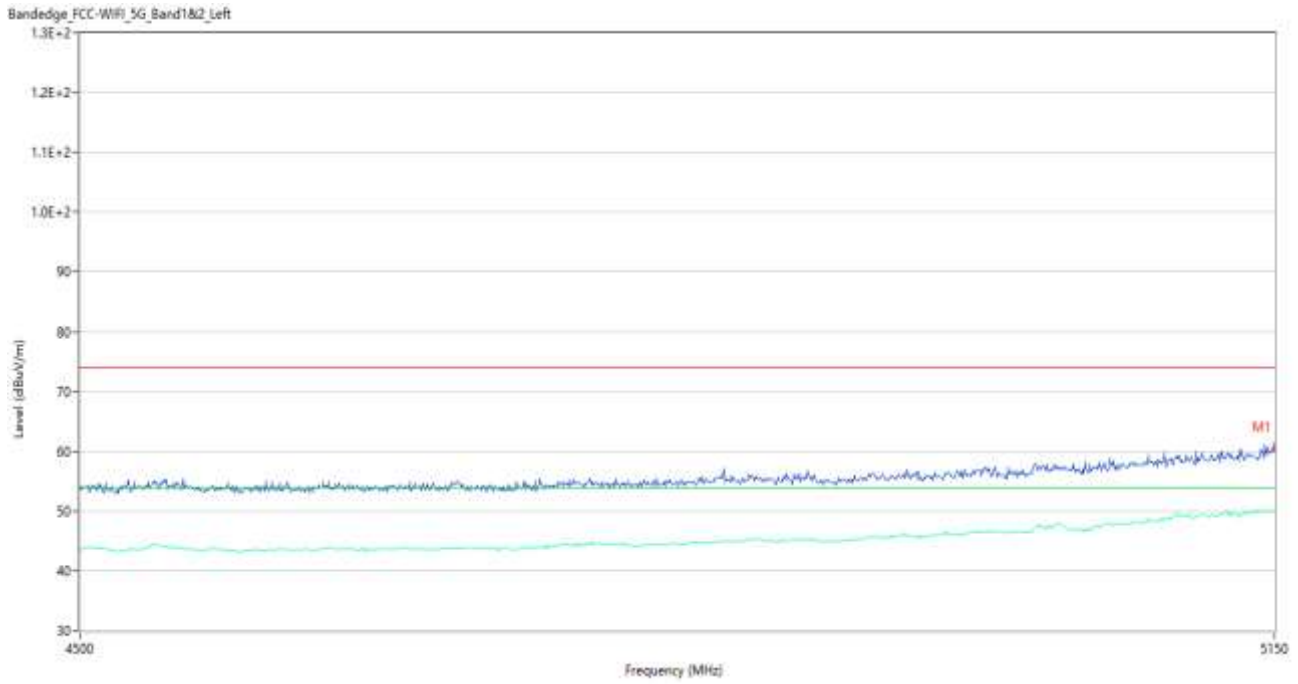
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.19	5.21	74.0	13.81	Peak	316.00	150	Vertical	Pass
1**	5150.000	49.83	5.21	54.0	4.17	AV	316.00	150	Vertical	Pass

U-NII-1 11a CH48



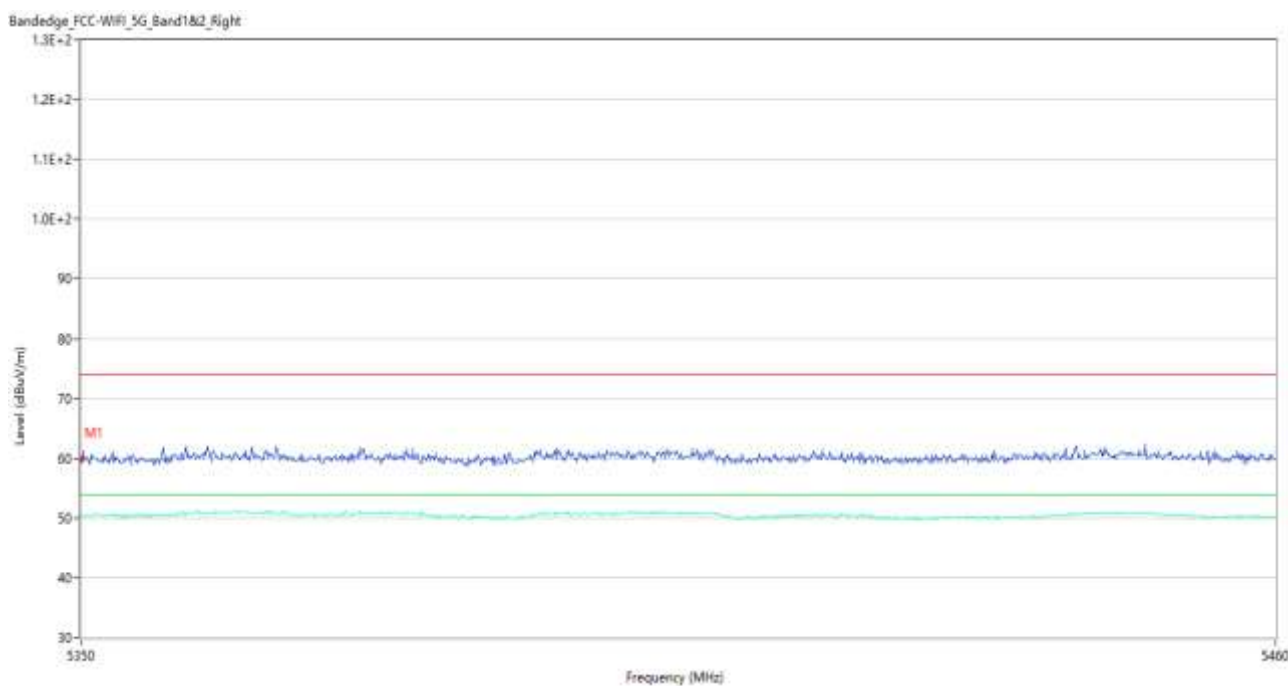
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.31	5.40	74.0	13.69	Peak	2.00	150	Vertical	Pass
1**	5350.000	50.43	5.40	54.0	3.57	AV	2.00	150	Vertical	Pass
2	5367.380	62.00	5.46	74.0	12.00	Peak	321.00	150	Vertical	Pass
2**	5367.380	50.92	5.46	54.0	3.08	AV	321.00	150	Vertical	Pass

U-NII-1 11n20 CH36



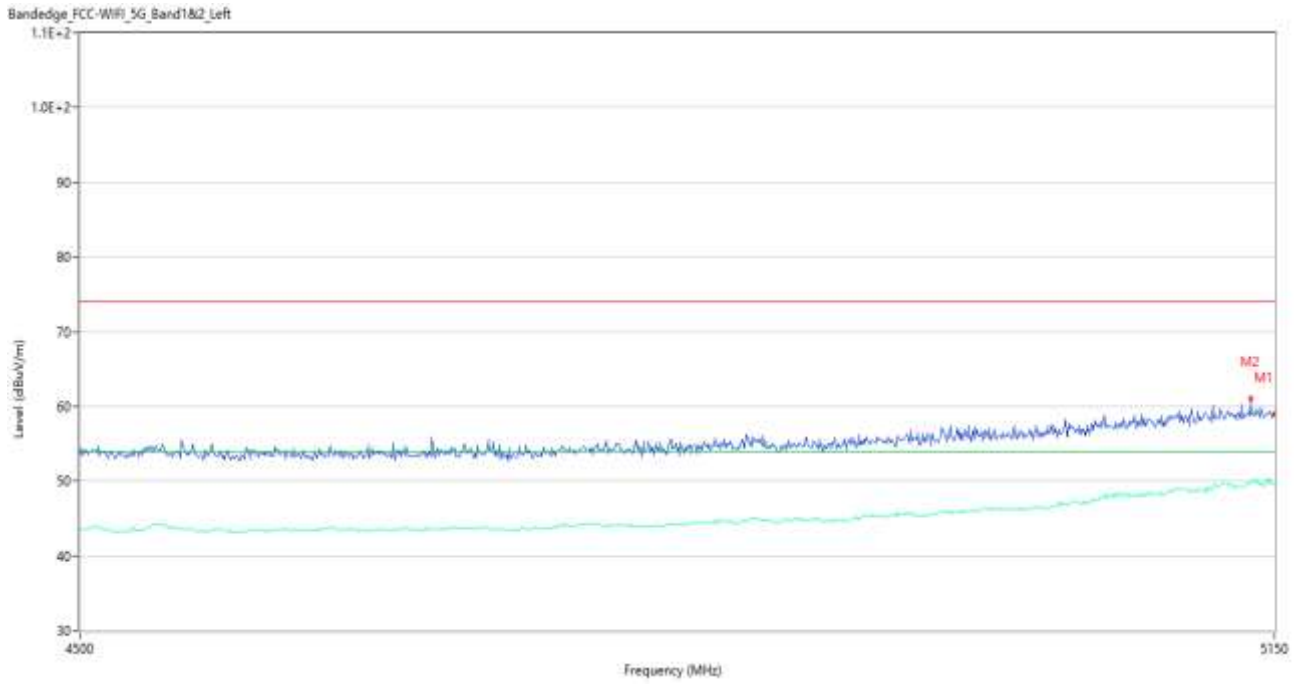
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.25	5.21	74.0	13.75	Peak	325.94	150	Vertical	Pass
1**	5150.000	49.91	5.21	54.0	4.09	AV	325.94	150	Vertical	Pass

U-NII-1 11n20 CH48



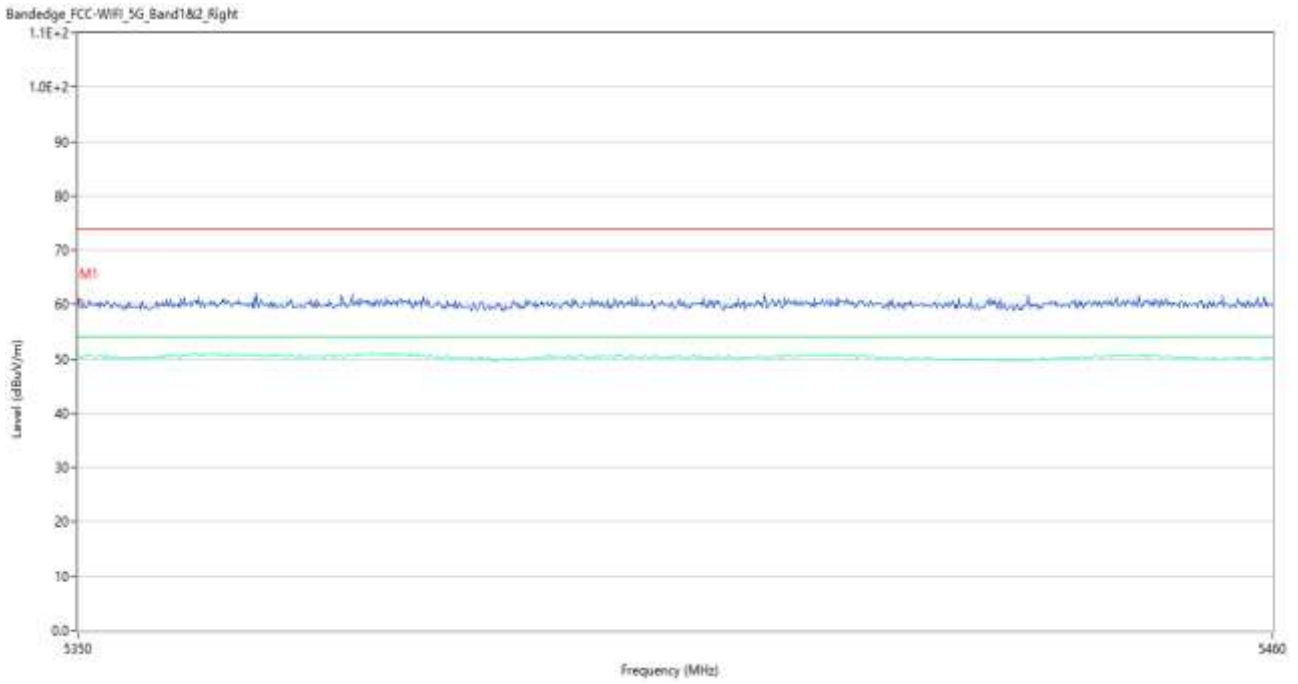
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.79	5.40	74.0	14.21	Peak	331.94	150	Vertical	Pass
1**	5350.000	50.45	5.40	54.0	3.55	AV	331.94	150	Vertical	Pass

U-NII-1 11n40 CH38



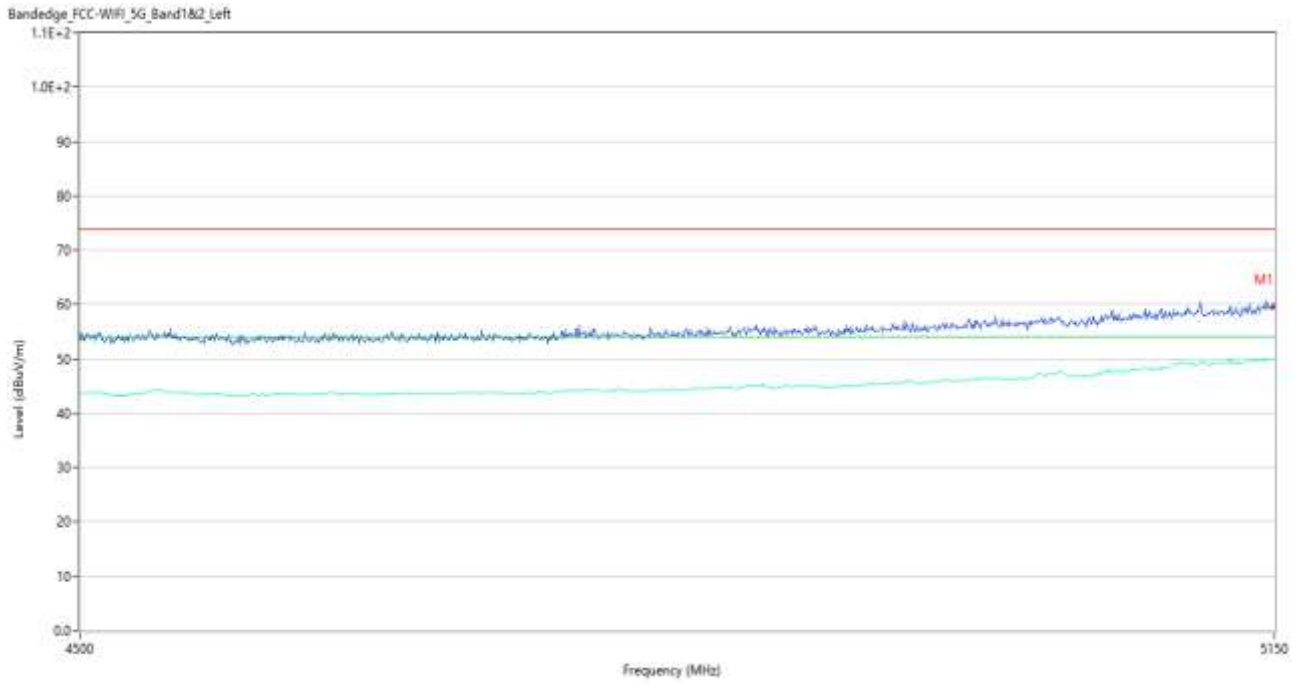
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.86	5.21	74.0	15.14	Peak	316.00	150	Vertical	Pass
1**	5150.000	49.50	5.21	54.0	4.50	AV	316.00	150	Vertical	Pass
2	5136.350	60.98	5.50	74.0	13.02	Peak	327.00	150	Vertical	Pass
2**	5136.350	49.69	5.50	54.0	4.31	AV	327.00	150	Vertical	Pass

U-NII-1 11n40 CH46



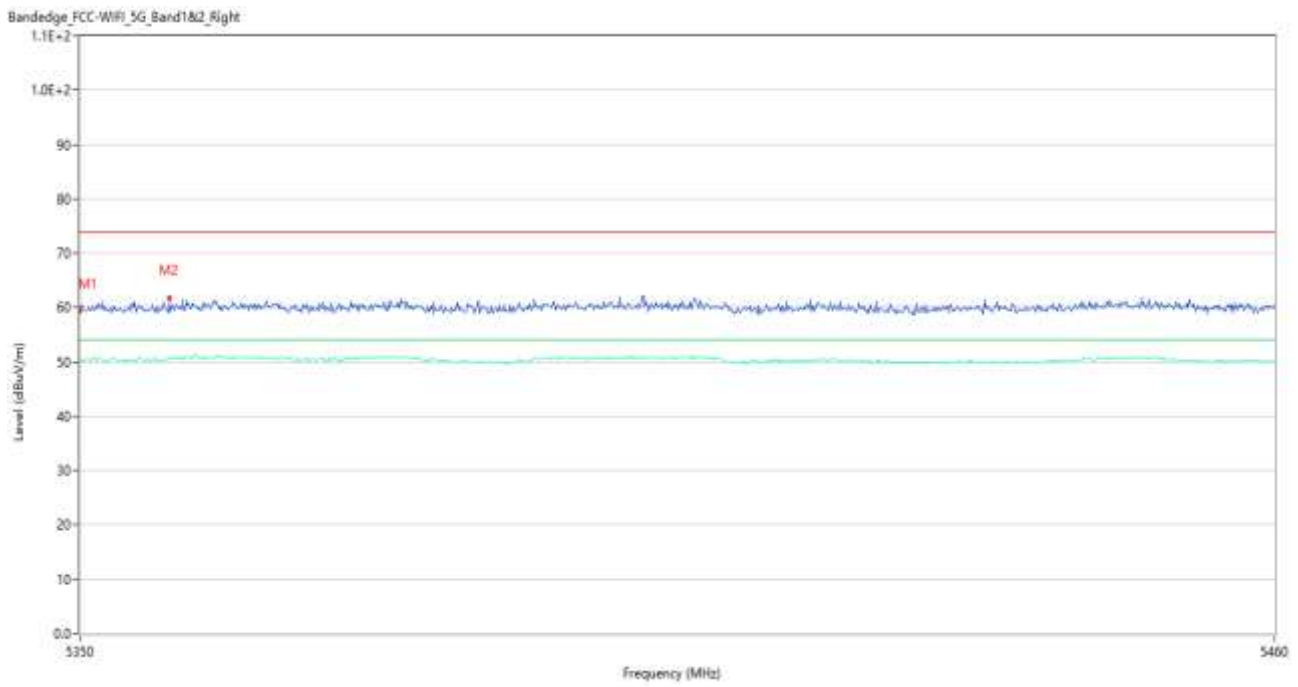
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.66	5.40	74.0	13.34	Peak	312.49	150	Vertical	Pass
1**	5350.000	50.72	5.40	54.0	3.28	AV	312.49	150	Vertical	Pass

U-NII-1 11ac20 CH36



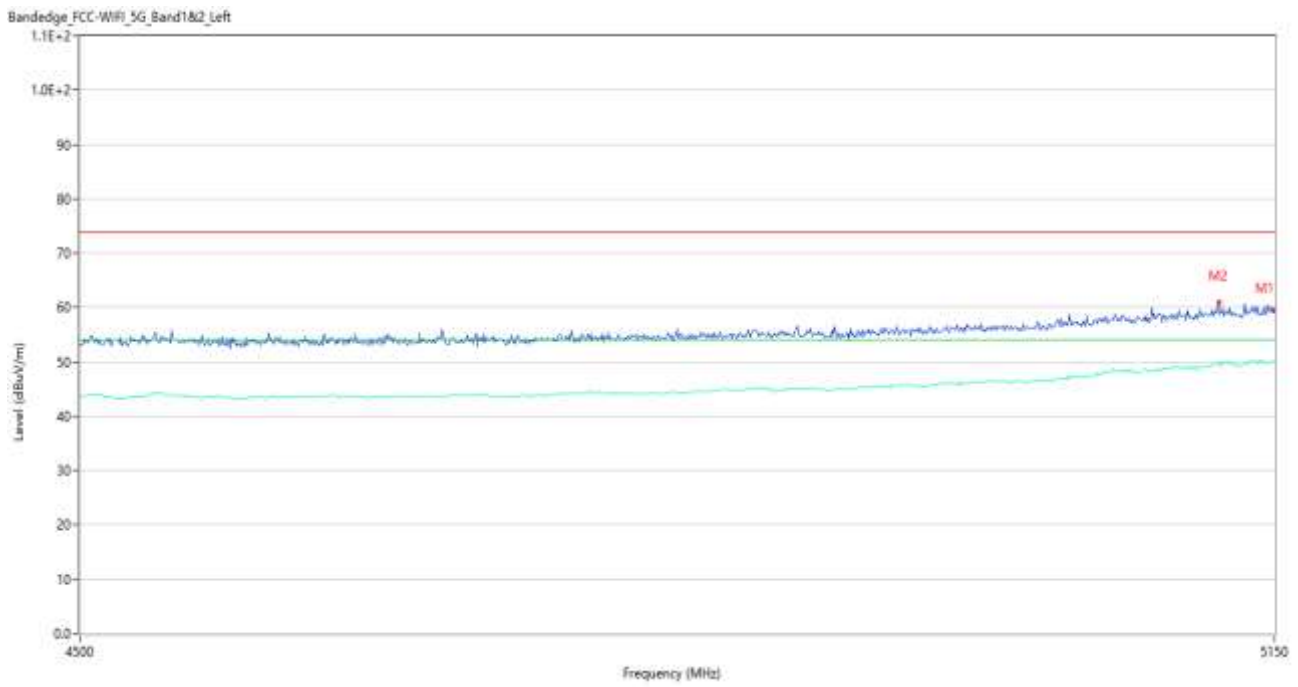
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.60	5.21	74.0	14.40	Peak	360.00	150	Vertical	Pass
1**	5150.000	49.86	5.21	54.0	4.14	AV	360.00	150	Vertical	Pass

U-NII-1 11ac20 CH48



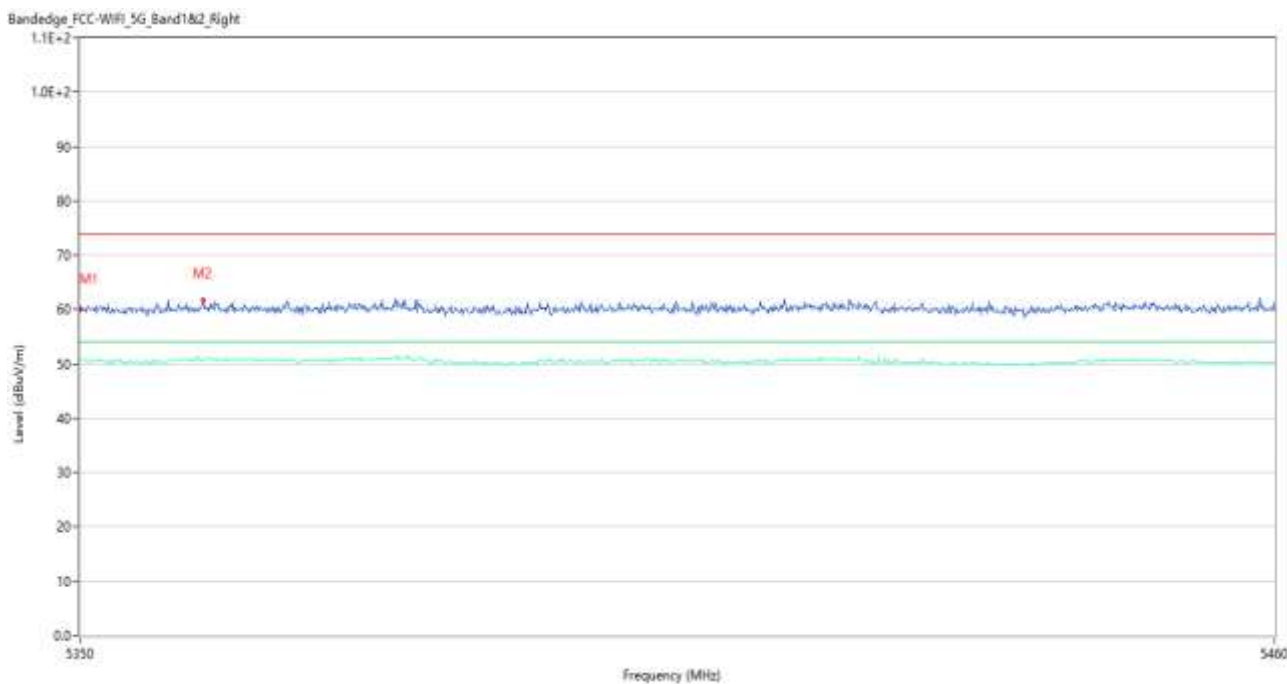
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.37	5.40	74.0	14.63	Peak	357.66	150	Vertical	Pass
1**	5350.000	50.28	5.40	54.0	3.72	AV	357.66	150	Vertical	Pass
2	5358.140	61.82	5.65	74.0	12.18	Peak	315.00	150	Vertical	Pass
2**	5358.140	50.25	5.65	54.0	3.75	AV	315.00	150	Vertical	Pass

U-NII-1 11ac40 CH38



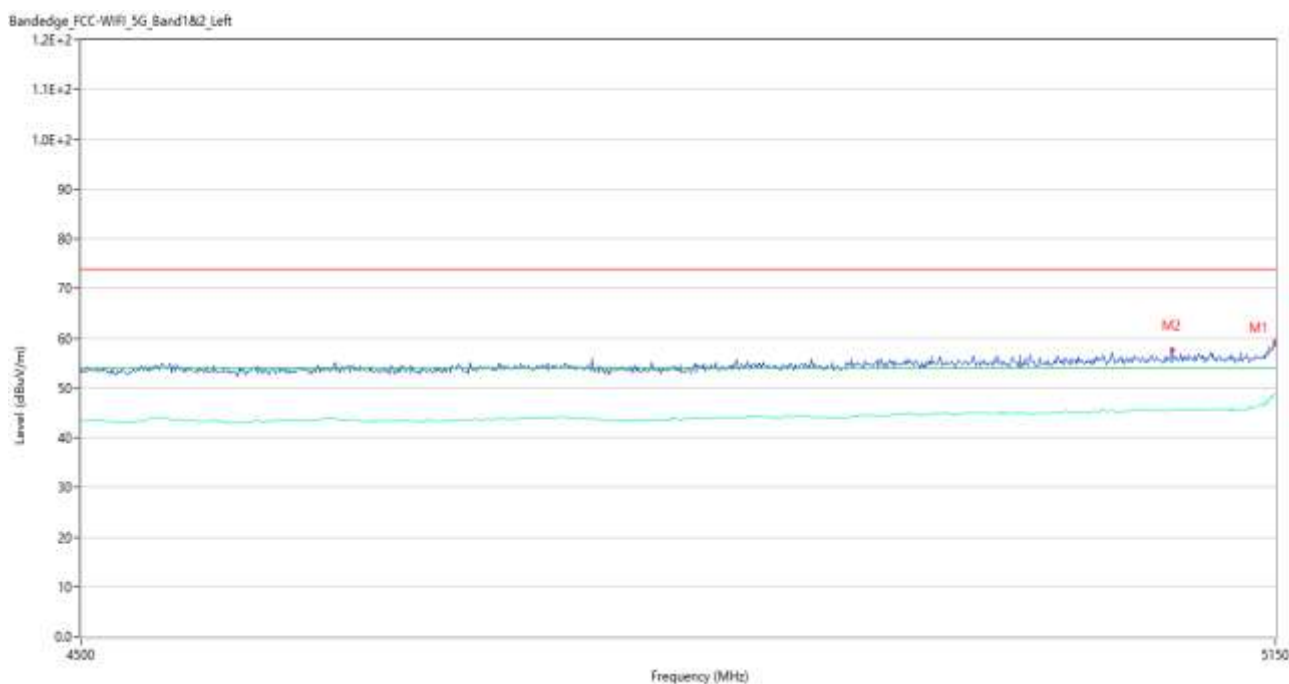
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.40	5.21	74.0	14.60	Peak	360.00	150	Vertical	Pass
1**	5150.000	50.35	5.21	54.0	3.65	AV	360.00	150	Vertical	Pass
2	5117.500	60.84	5.16	74.0	13.16	Peak	327.00	150	Vertical	Pass
2**	5117.500	49.73	5.16	54.0	4.27	AV	327.00	150	Vertical	Pass

U-NII-1 11ac40 CH46



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.15	5.40	74.0	13.85	Peak	352.88	150	Vertical	Pass
1**	5350.000	50.51	5.40	54.0	3.49	AV	352.88	150	Vertical	Pass
2	5361.220	61.83	5.70	74.0	12.17	Peak	328.00	150	Vertical	Pass
2**	5361.220	50.61	5.70	54.0	3.39	AV	328.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



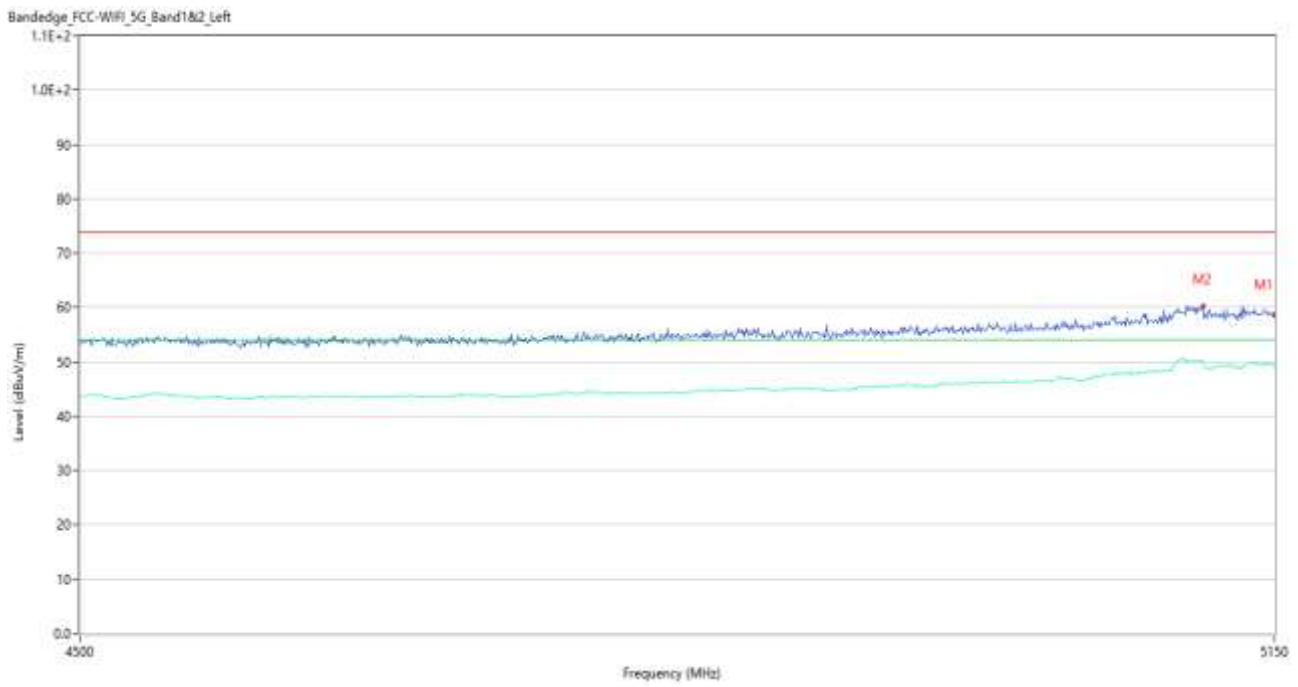
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.84	5.21	74.0	15.16	Peak	205.96	150	Vertical	Pass
1**	5150.000	48.88	5.21	54.0	5.12	AV	205.96	150	Vertical	Pass
2	5090.200	57.54	4.97	74.0	16.46	Peak	328.00	150	Vertical	Pass
2**	5090.200	45.65	4.97	54.0	8.35	AV	328.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



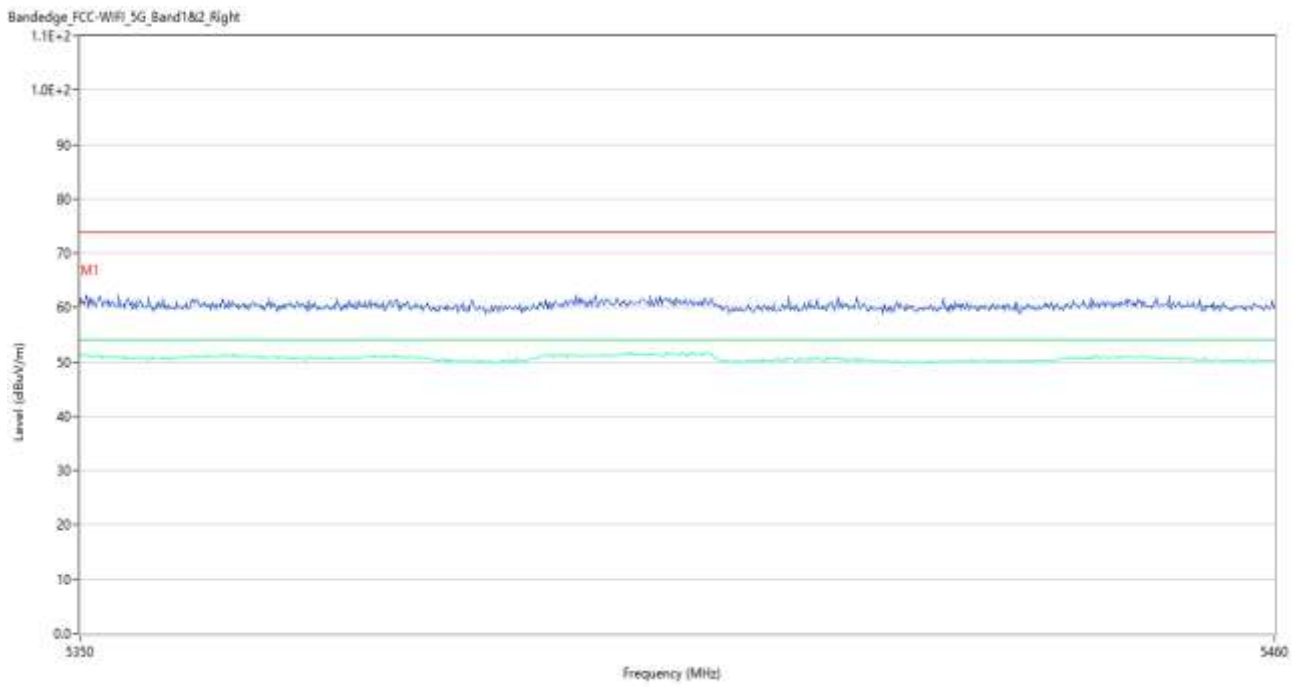
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.80	5.40	74.0	18.20	Peak	360.00	150	Vertical	Pass
1**	5350.000	45.75	5.40	54.0	8.25	AV	360.00	150	Vertical	Pass
2	5371.340	57.87	5.41	74.0	16.13	Peak	360.00	150	Vertical	Pass
2**	5371.340	45.71	5.41	54.0	8.29	AV	360.00	150	Vertical	Pass

U-NII-2A 11a CH52



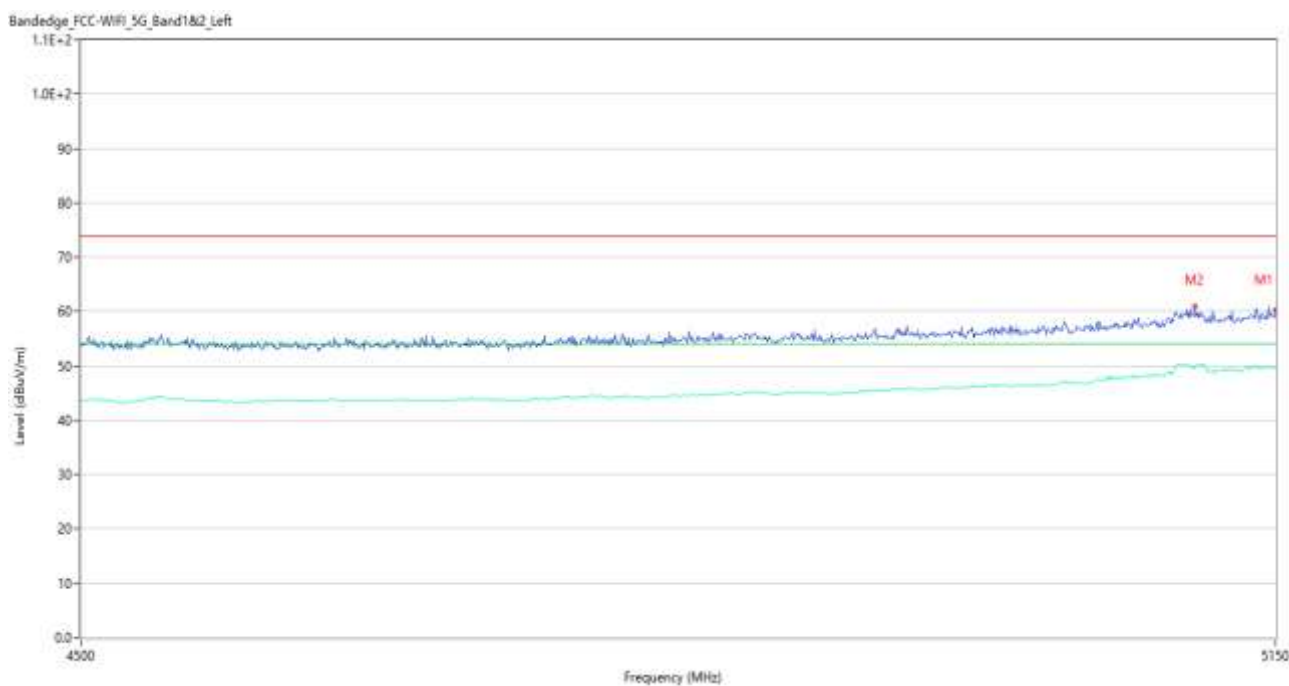
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.70	5.21	74.0	15.30	Peak	322.00	150	Vertical	Pass
1**	5150.000	49.53	5.21	54.0	4.47	AV	322.00	150	Vertical	Pass
2	5108.400	60.35	5.06	74.0	13.65	Peak	335.00	150	Vertical	Pass
2**	5108.400	49.99	5.06	54.0	4.01	AV	335.00	150	Vertical	Pass

U-NII-2A 11a CH64



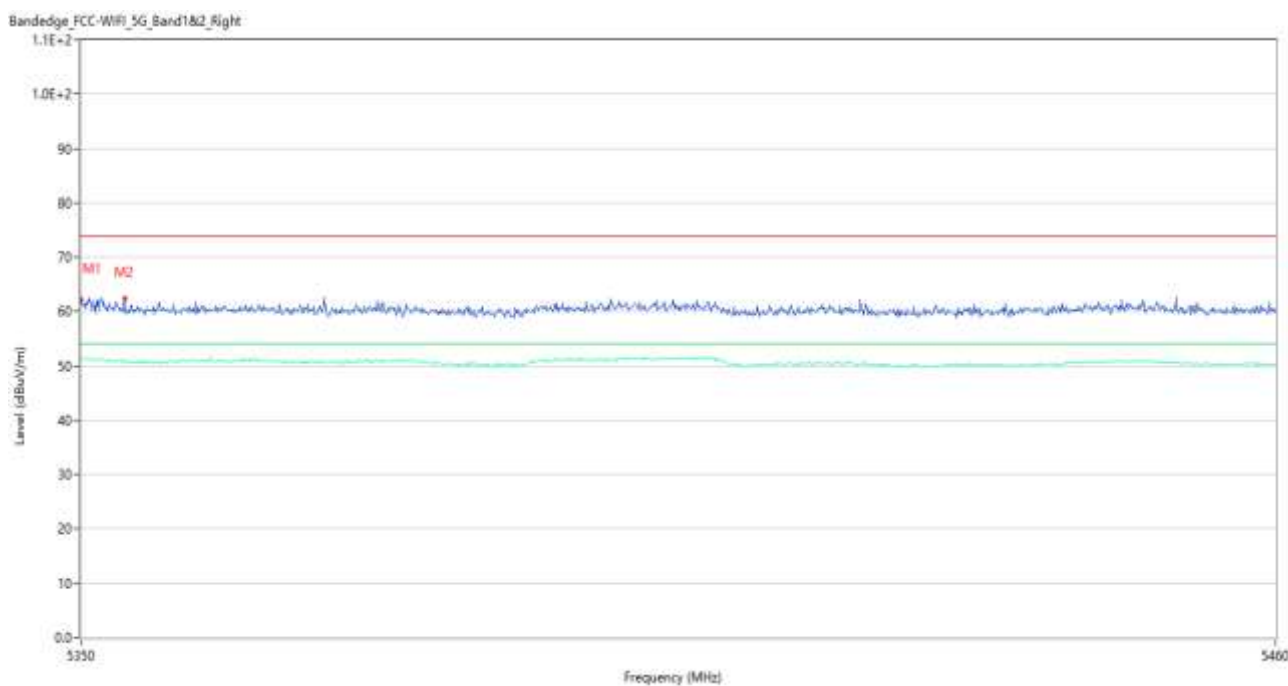
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.06	5.40	74.0	12.94	Peak	11.51	150	Vertical	Pass
1**	5350.000	51.25	5.40	54.0	2.75	AV	11.51	150	Vertical	Pass

U-NII-2A 11n20 CH52



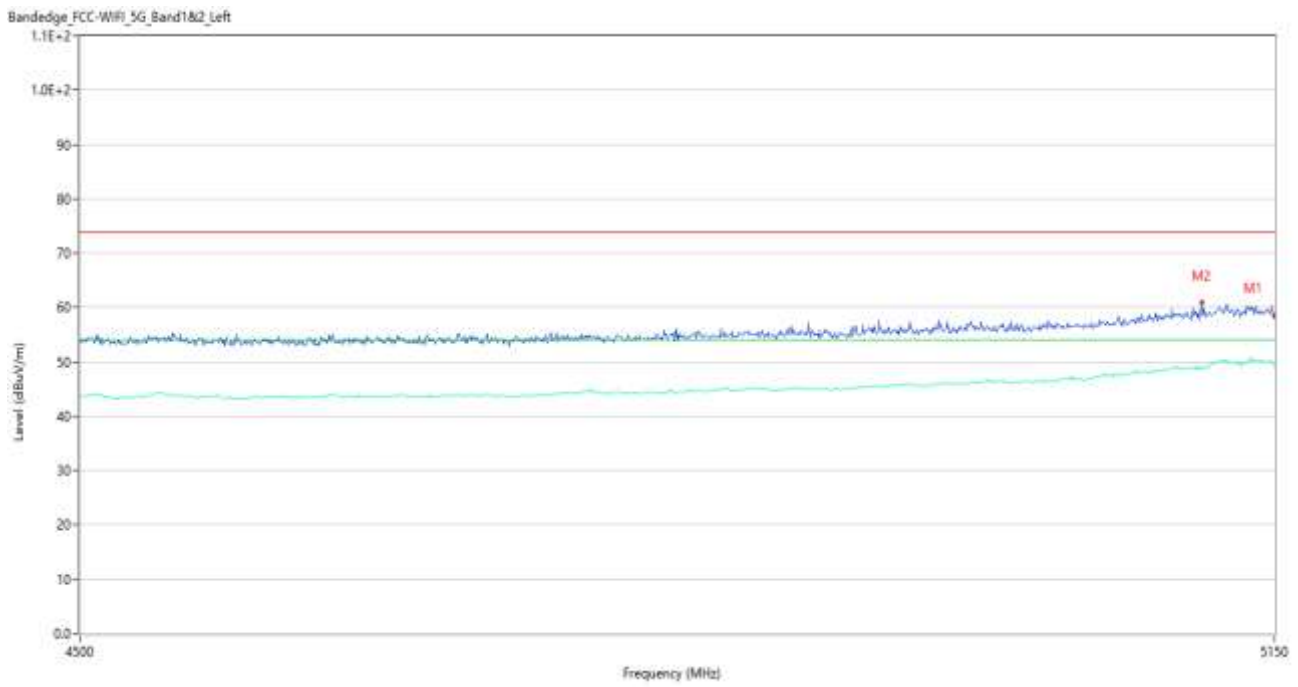
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.18	5.21	74.0	13.82	Peak	359.99	150	Vertical	Pass
1**	5150.000	49.59	5.21	54.0	4.41	AV	359.99	150	Vertical	Pass
2	5103.200	60.97	5.22	74.0	13.03	Peak	9.00	150	Vertical	Pass
2**	5103.200	49.59	5.22	54.0	4.41	AV	9.00	150	Vertical	Pass

U-NII-2A 11n20 CH64



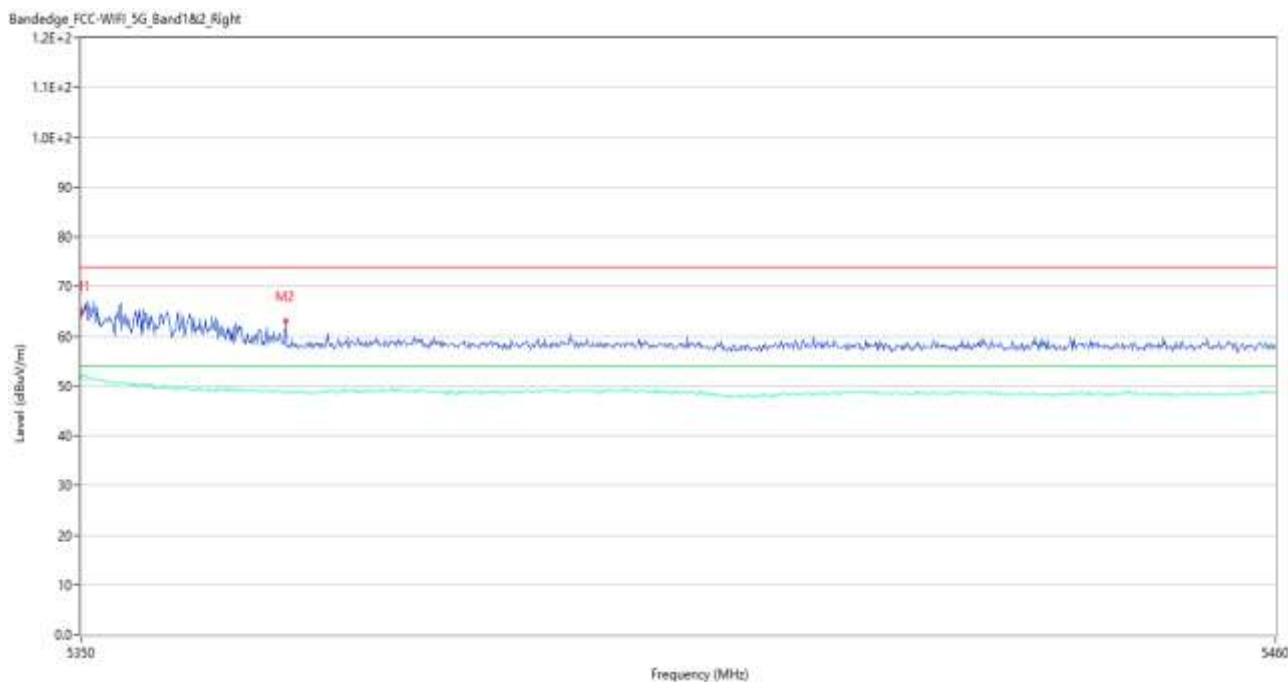
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.10	5.40	74.0	11.90	Peak	2.64	150	Vertical	Pass
1**	5350.000	51.07	5.40	54.0	2.93	AV	2.64	150	Vertical	Pass
2	5353.960	62.29	5.50	74.0	11.71	Peak	335.00	150	Vertical	Pass
2**	5353.960	51.12	5.50	54.0	2.88	AV	335.00	150	Vertical	Pass

U-NII-2A 11n40 CH54



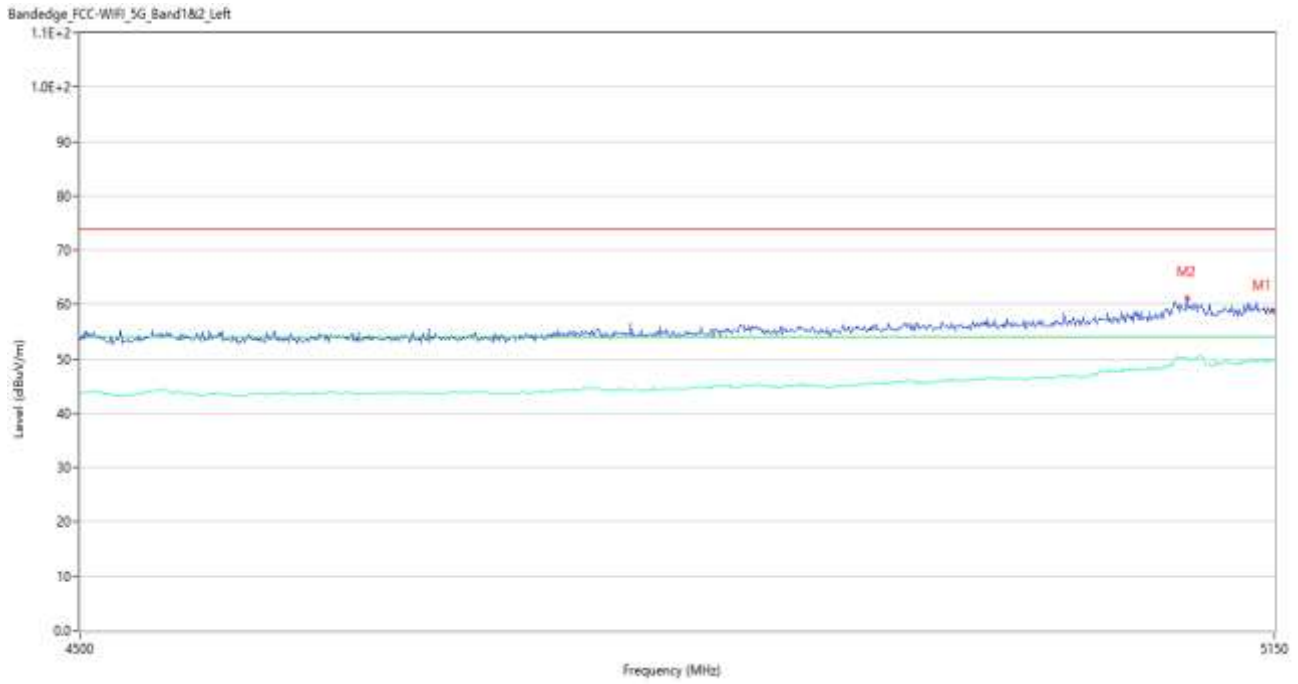
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.32	5.21	74.0	15.68	Peak	359.99	150	Vertical	Pass
1**	5150.000	49.16	5.21	54.0	4.84	AV	359.99	150	Vertical	Pass
2	5107.750	60.85	5.06	74.0	13.15	Peak	337.00	150	Vertical	Pass
2**	5107.750	48.59	5.06	54.0	5.41	AV	337.00	150	Vertical	Pass

U-NII-2A 11n40 CH62



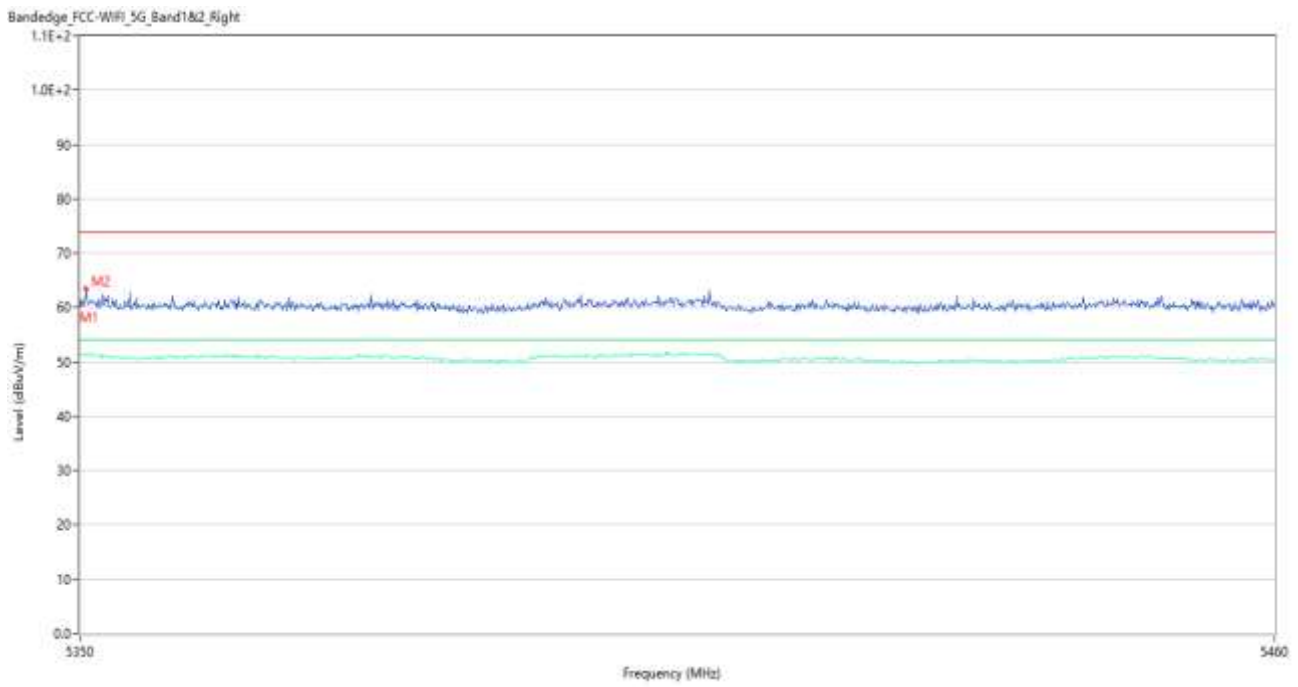
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.11	5.40	74.0	8.89	Peak	12.00	150	Vertical	Pass
1**	5350.000	51.32	5.40	54.0	2.68	AV	12.00	150	Vertical	Pass
2	5368.700	63.14	5.42	74.0	10.86	Peak	321.00	150	Vertical	Pass
2**	5368.700	48.90	5.42	54.0	5.10	AV	321.00	150	Vertical	Pass

U-NII-2A 11ac20 CH52



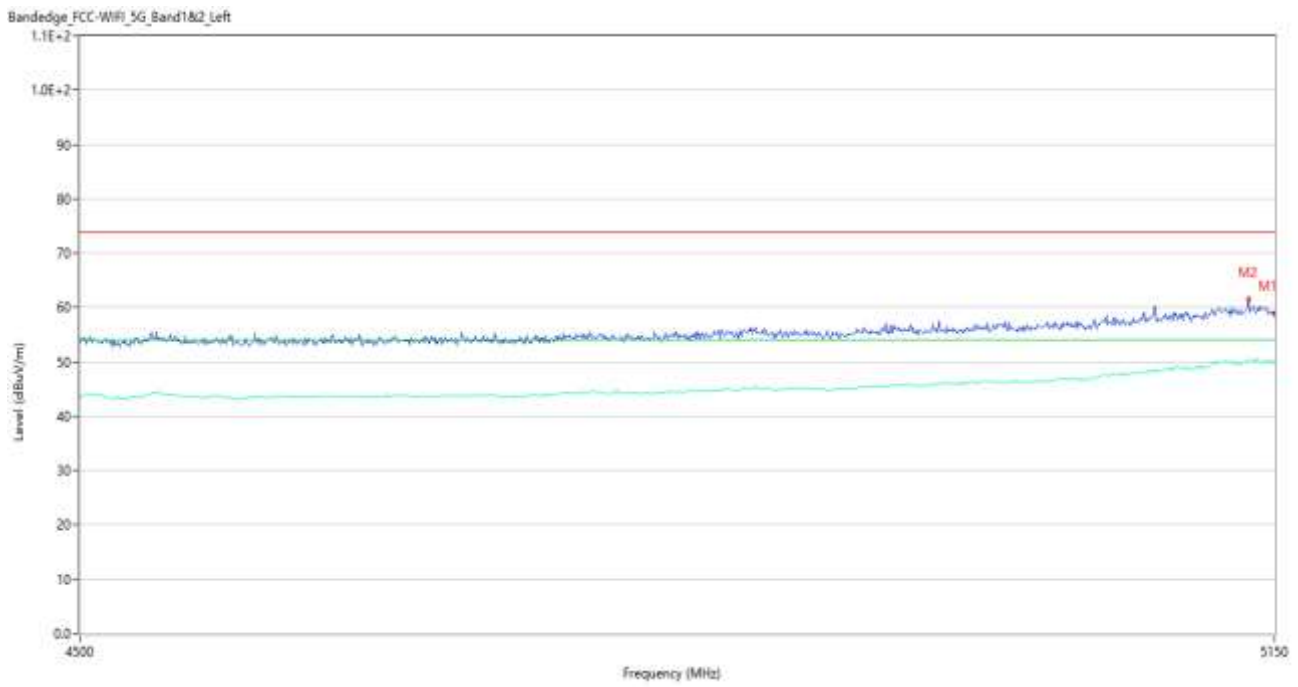
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.78	5.21	74.0	15.22	Peak	320.00	150	Vertical	Pass
1**	5150.000	49.65	5.21	54.0	4.35	AV	320.00	150	Vertical	Pass
2	5099.300	61.16	5.45	74.0	12.84	Peak	320.00	150	Vertical	Pass
2**	5099.300	50.39	5.45	54.0	3.61	AV	320.00	150	Vertical	Pass

U-NII-2A 11ac20 CH64



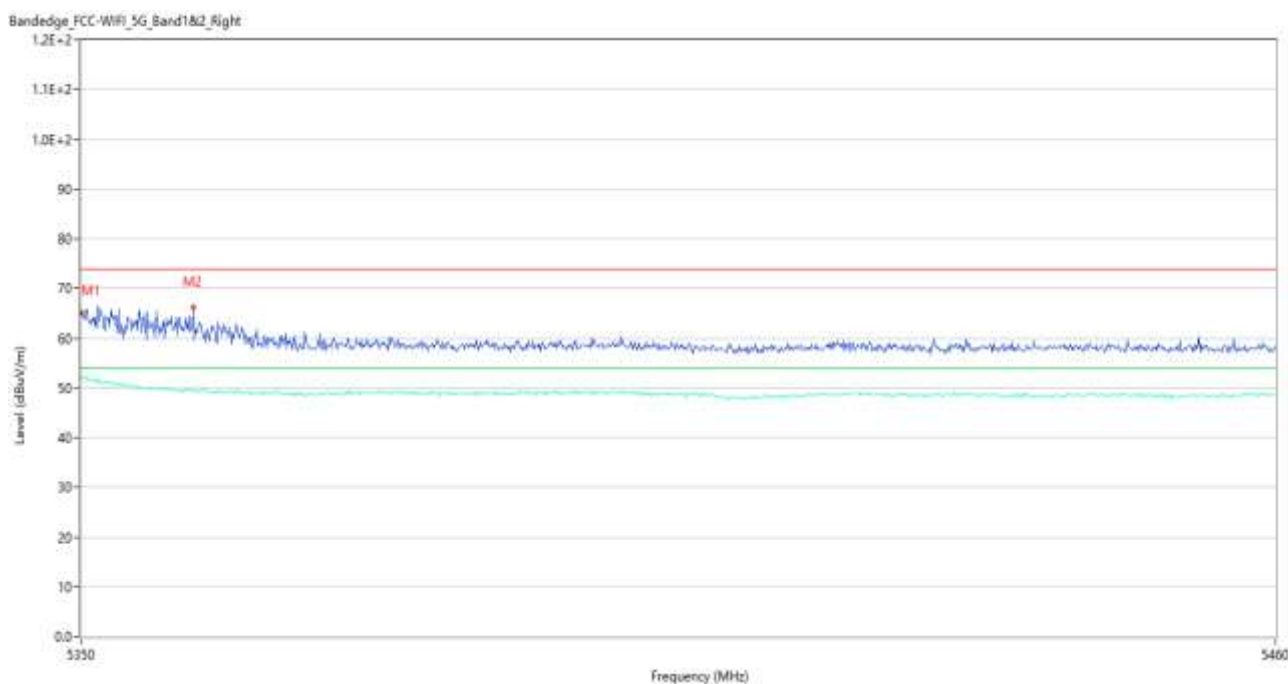
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.001	60.56	5.40	74.0	13.44	Peak	318.45	150	Vertical	Pass
1**	5350.001	51.32	5.40	54.0	2.68	AV	318.45	150	Vertical	Pass
2	5350.550	63.29	5.42	74.0	10.71	Peak	0.00	150	Vertical	Pass
2**	5350.550	51.41	5.42	54.0	2.59	AV	0.00	150	Vertical	Pass

U-NII-2A 11ac40 CH54



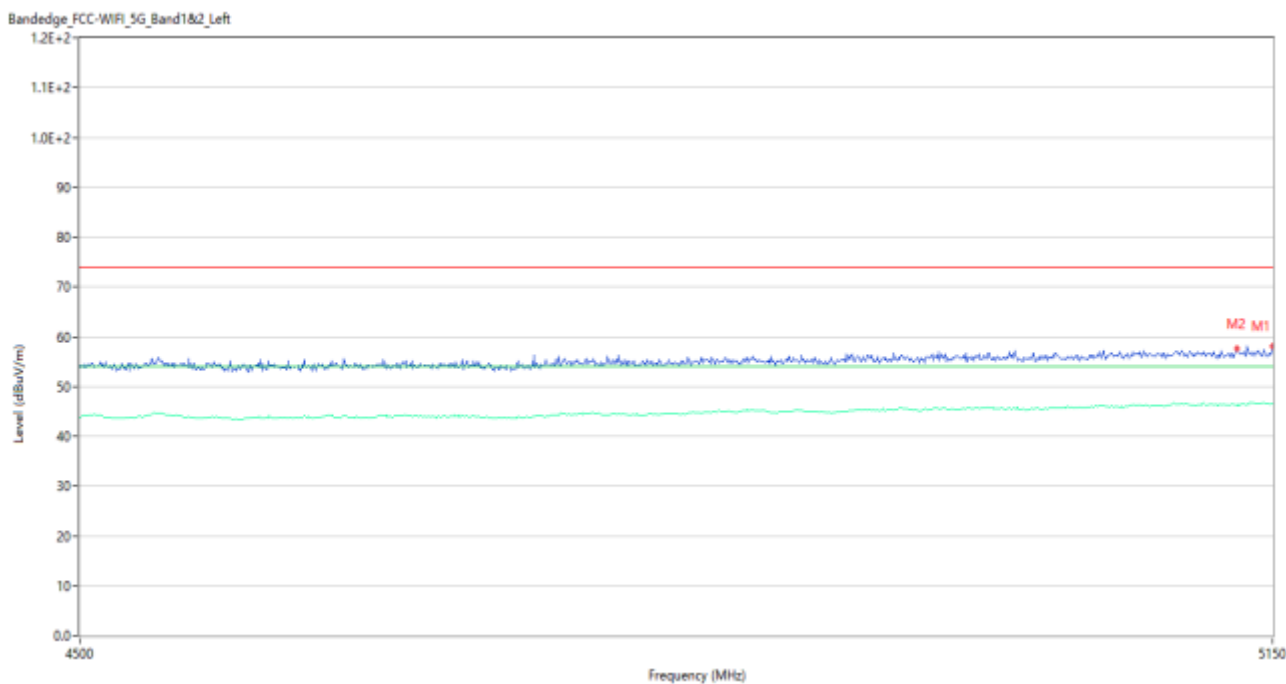
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.93	5.21	74.0	15.07	Peak	327.94	150	Vertical	Pass
1**	5150.000	49.89	5.21	54.0	4.11	AV	327.94	150	Vertical	Pass
2	5135.050	61.46	5.45	74.0	12.54	Peak	328.00	150	Vertical	Pass
2**	5135.050	50.39	5.45	54.0	3.61	AV	328.00	150	Vertical	Pass

U-NII-2A 11ac40 CH62



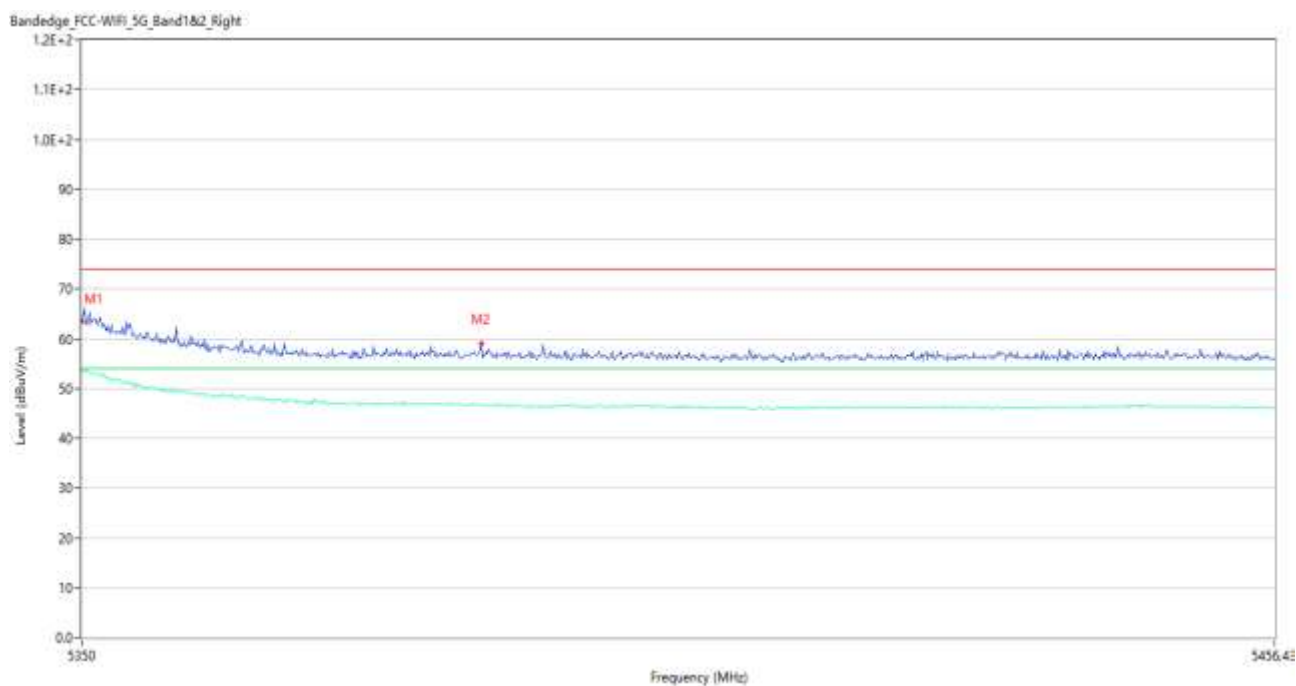
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.06	5.40	74.0	8.94	Peak	75.00	150	Vertical	Pass
1**	5350.000	52.11	5.40	54.0	1.89	AV	75.00	150	Vertical	Pass
2	5360.230	66.29	5.70	74.0	7.71	Peak	319.00	150	Vertical	Pass
2**	5360.230	49.81	5.70	54.0	4.19	AV	319.00	150	Vertical	Pass

U-NII-2A 11ac80 CH58



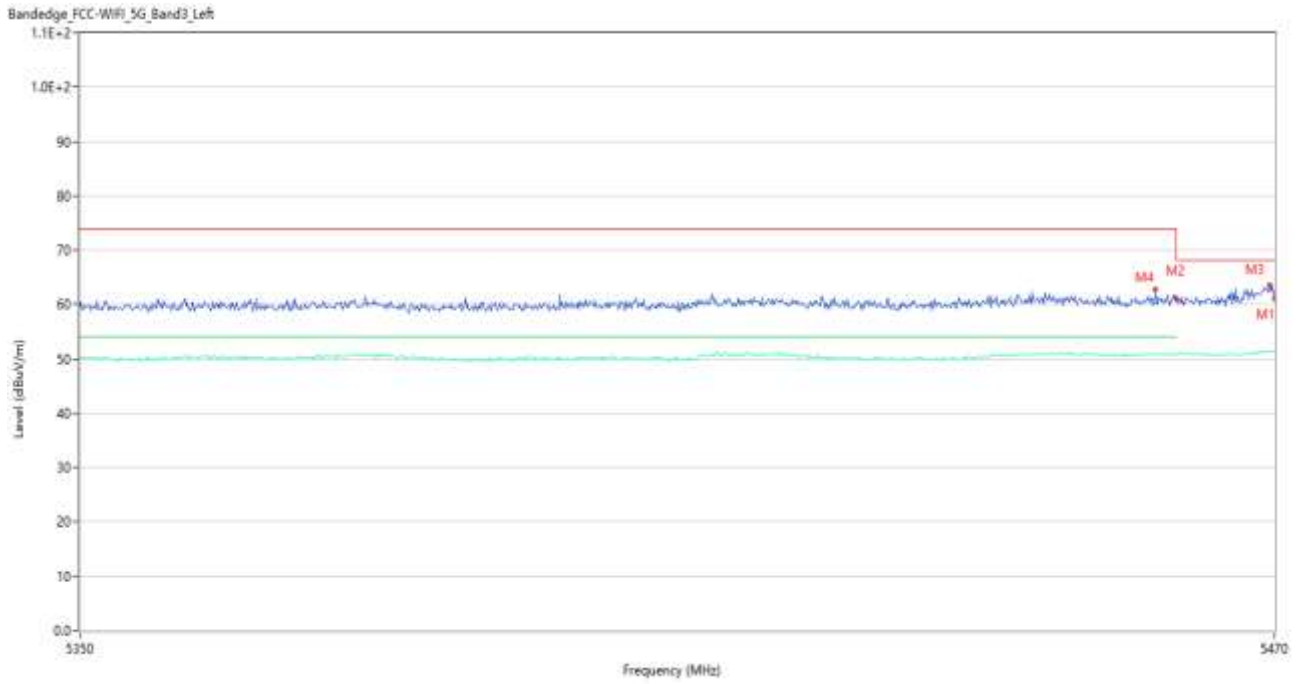
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.04	5.21	74.0	15.96	Peak	302.97	150	Vertical	Pass
1**	5150.000	46.52	5.21	54.0	7.48	AV	302.97	150	Vertical	Pass
2	5129.200	57.53	5.23	74.0	16.47	Peak	222.00	150	Vertical	Pass
2**	5129.200	46.18	5.23	54.0	7.82	AV	222.00	150	Vertical	Pass

U-NII-2A 11ac80 CH58



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.43	5.40	74.0	10.57	Peak	259.00	150	Vertical	Pass
1**	5350.000	53.88	5.40	54.0	0.12	AV	259.00	150	Vertical	Pass
2	5385.420	59.03	5.69	74.0	14.97	Peak	204.00	150	Vertical	Pass
2**	5385.420	46.75	5.69	54.0	7.25	AV	204.00	150	Vertical	Pass

U-NII-2C 11a CH100



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	61.12	5.80	68.2	7.08	Peak	360.00	150	Vertical	Pass
2	5460.000	60.98	5.38	68.2	7.22	Peak	130.24	150	Vertical	Pass
2**	5460.000	50.74	5.38	54.0	3.26	AV	130.24	150	Vertical	Pass
3	5469.520	63.62	5.80	68.2	4.58	Peak	360.00	150	Vertical	Pass
4	5457.880	62.69	5.46	74.0	11.31	Peak	2.00	150	Vertical	Pass
4**	5457.880	50.94	5.46	54.0	3.06	AV	2.00	150	Vertical	Pass

U-NII-2C 11a CH140



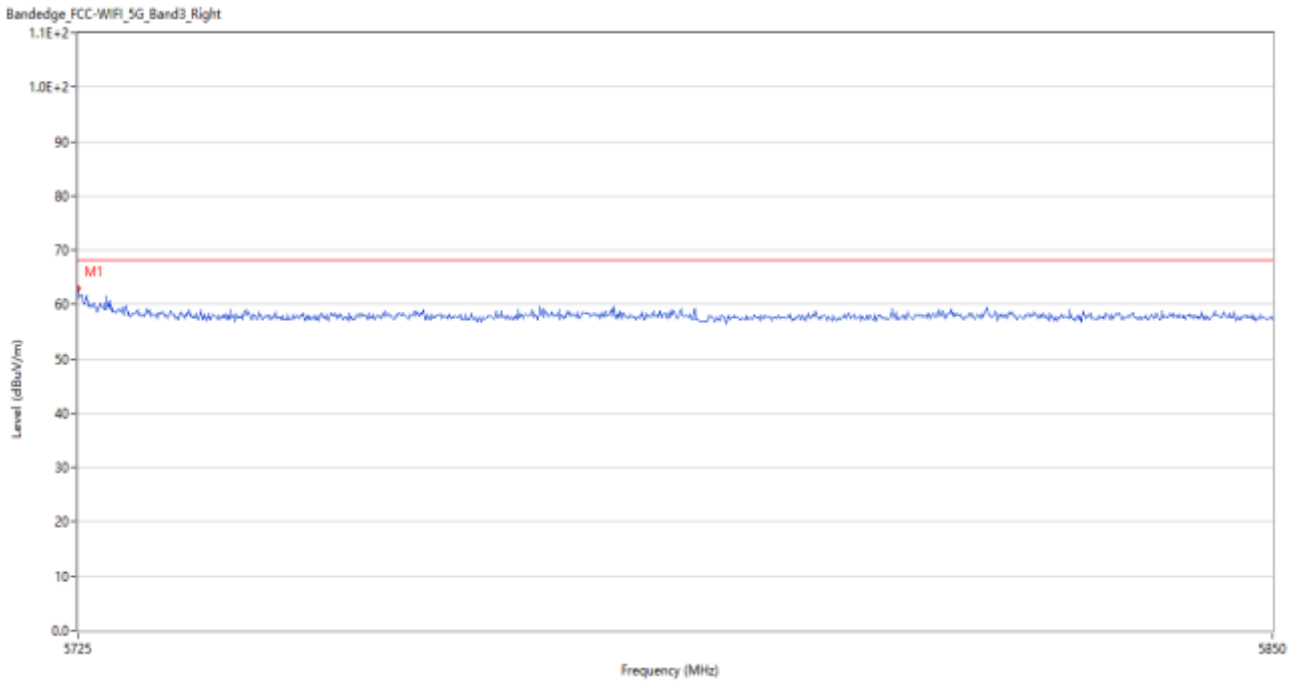
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.60	6.57	68.2	8.60	Peak	308.00	150	Vertical	Pass
2	5729.000	61.14	6.42	68.2	7.06	Peak	3.00	150	Vertical	Pass

U-NII-2C 11n20 CH100



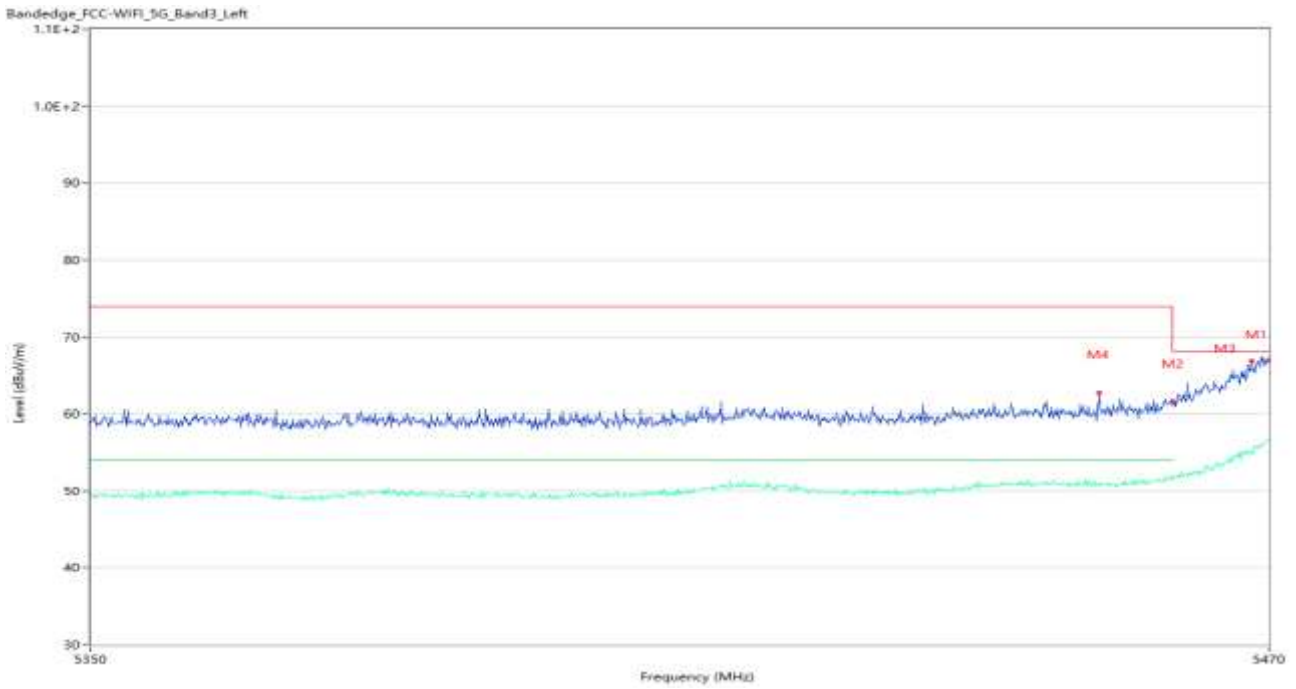
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	61.98	5.80	68.2	6.22	Peak	3.01	150	Vertical	Pass
2	5460.000	60.70	5.38	68.2	7.50	Peak	360.00	150	Vertical	Pass
2**	5460.000	50.91	5.38	54.0	3.09	AV	360.00	150	Vertical	Pass
3	5465.800	63.91	5.61	68.2	4.29	Peak	360.00	150	Vertical	Pass
4	5456.320	62.51	5.46	74.0	11.49	Peak	360.00	150	Vertical	Pass
4**	5456.320	50.75	5.46	54.0	3.25	AV	360.00	150	Vertical	Pass

U-NII-2C 11n20 CH140



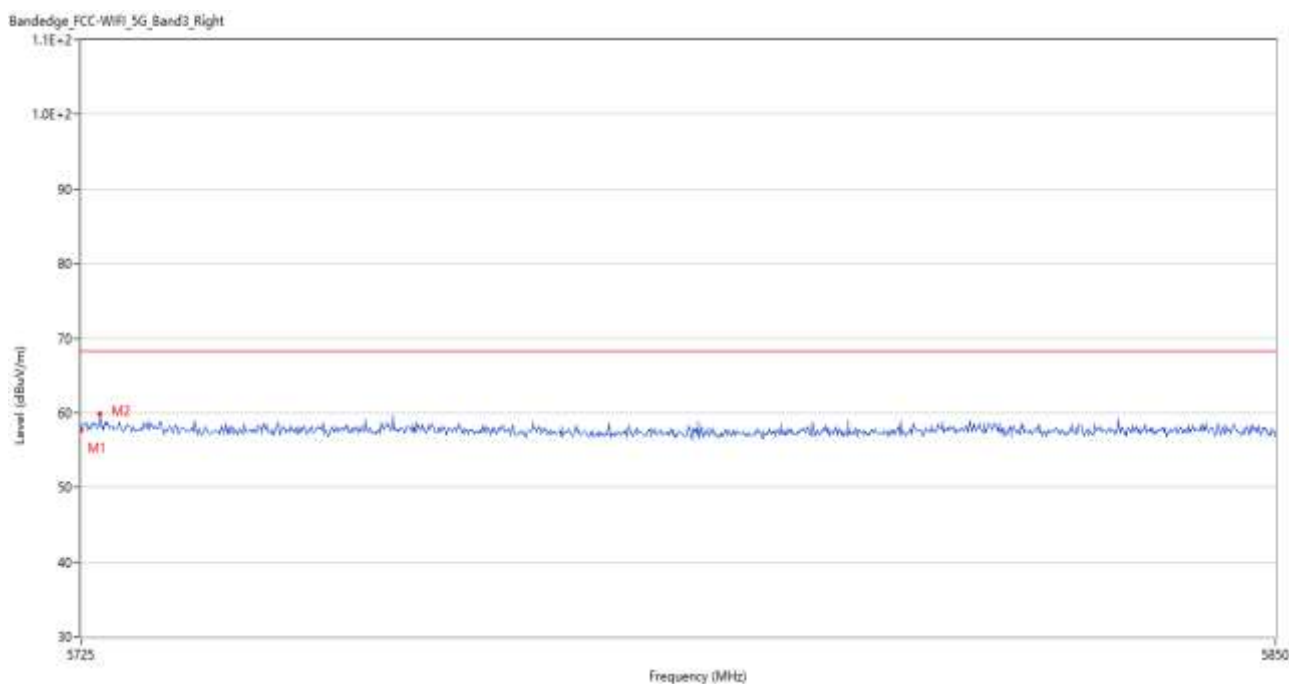
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.92	6.57	68.2	5.28	Peak	4.97	150	Vertical	Pass

U-NII-2C 11n40 CH102



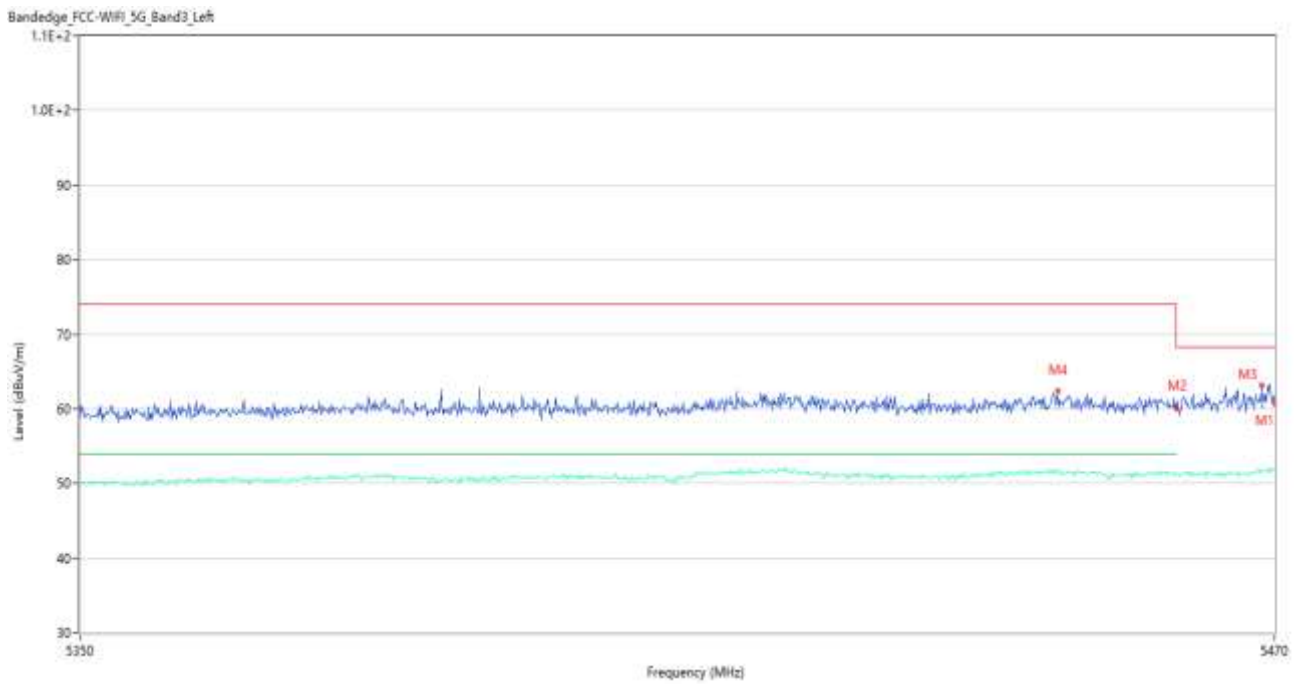
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	67.03	5.80	68.2	1.17	Peak	0.00	100	Vertical	Pass
2	5460.000	61.40	5.38	68.2	6.80	Peak	0.00	100	Vertical	Pass
2**	5460.000	51.87	5.38	54.0	2.13	AV	0.00	100	Vertical	Pass
3	5468.200	66.87	5.74	68.2	1.33	Peak	0.00	100	Vertical	Pass
4	5452.480	62.72	5.55	74.0	11.28	Peak	310.00	100	Vertical	Pass
4**	5452.480	50.94	5.55	54.0	3.06	AV	310.00	100	Vertical	Pass

U-NII-2C 11n40 CH134



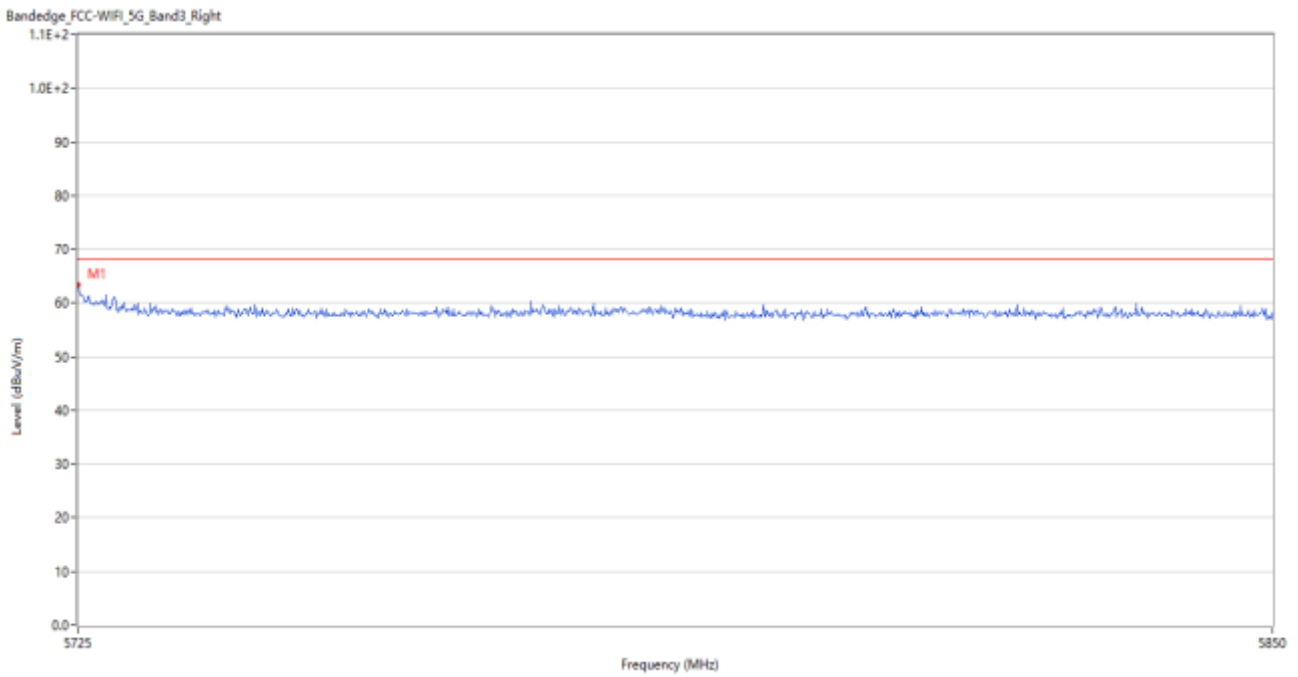
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.68	6.57	68.2	10.52	Peak	360.00	150	Vertical	Pass
2	5727.000	59.85	6.52	68.2	8.35	Peak	360.00	150	Vertical	Pass

U-NII-2C 11ac20 CH100



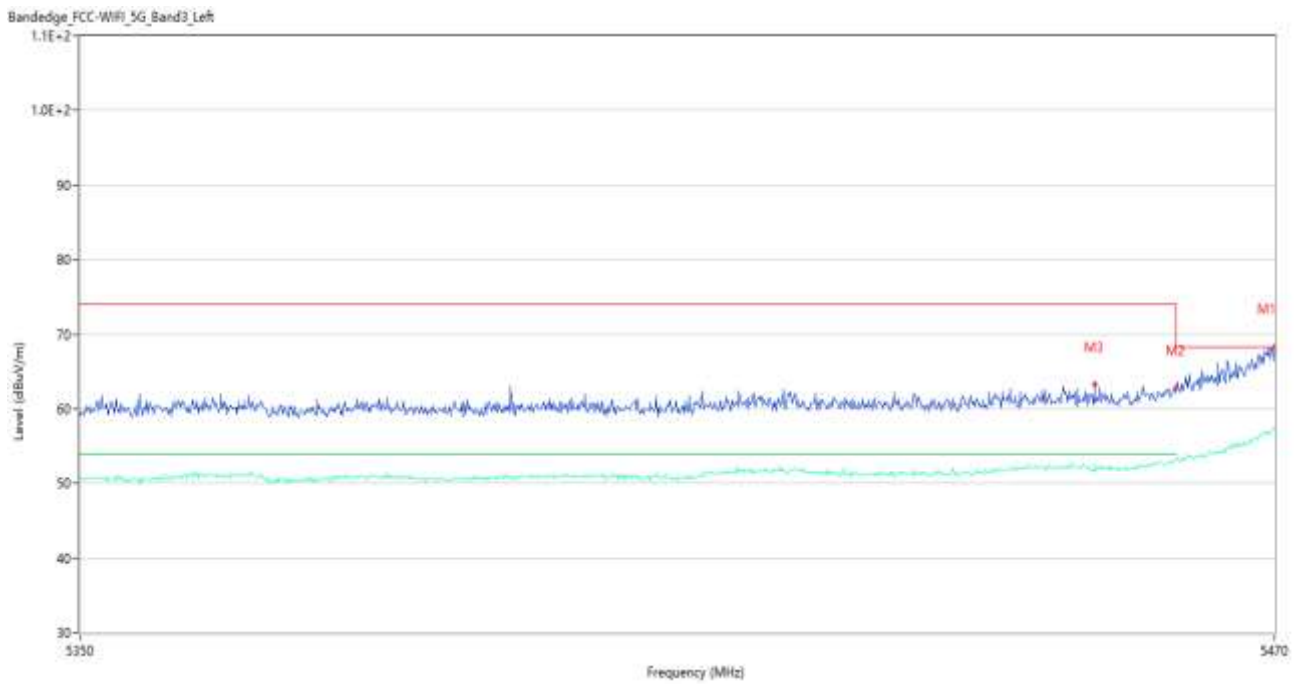
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	60.69	5.80	68.2	7.51	Peak	325.65	150	Vertical	Pass
2	5460.000	60.13	5.38	68.2	8.07	Peak	317.99	150	Vertical	Pass
2**	5460.000	51.32	5.38	54.0	2.68	AV	317.99	150	Vertical	Pass
3	5468.680	63.10	5.78	68.2	5.10	Peak	321.00	150	Vertical	Pass
4	5448.040	62.36	5.60	74.0	11.64	Peak	316.00	150	Vertical	Pass
4**	5448.040	51.79	5.60	54.0	2.21	AV	316.00	150	Vertical	Pass

U-NII-2C 11ac20 CH140



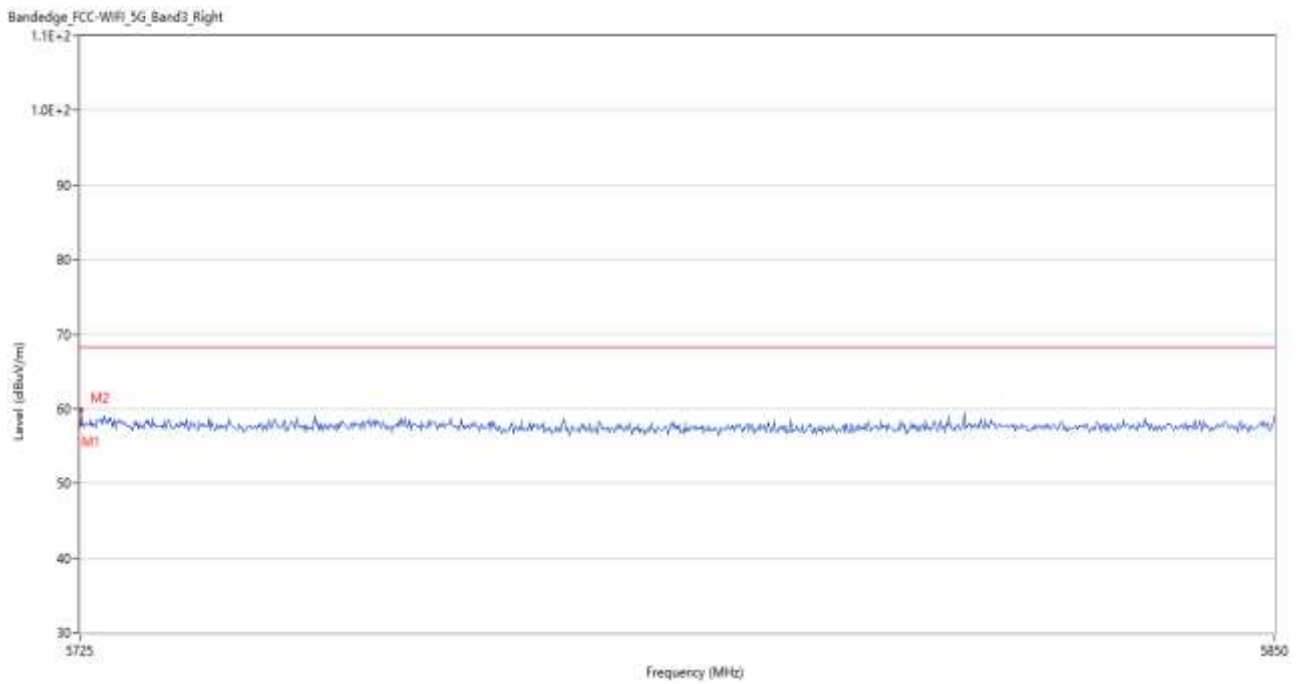
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.29	6.57	68.2	4.91	Peak	29.15	150	Vertical	Pass

U-NII-2C 11ac40 CH102



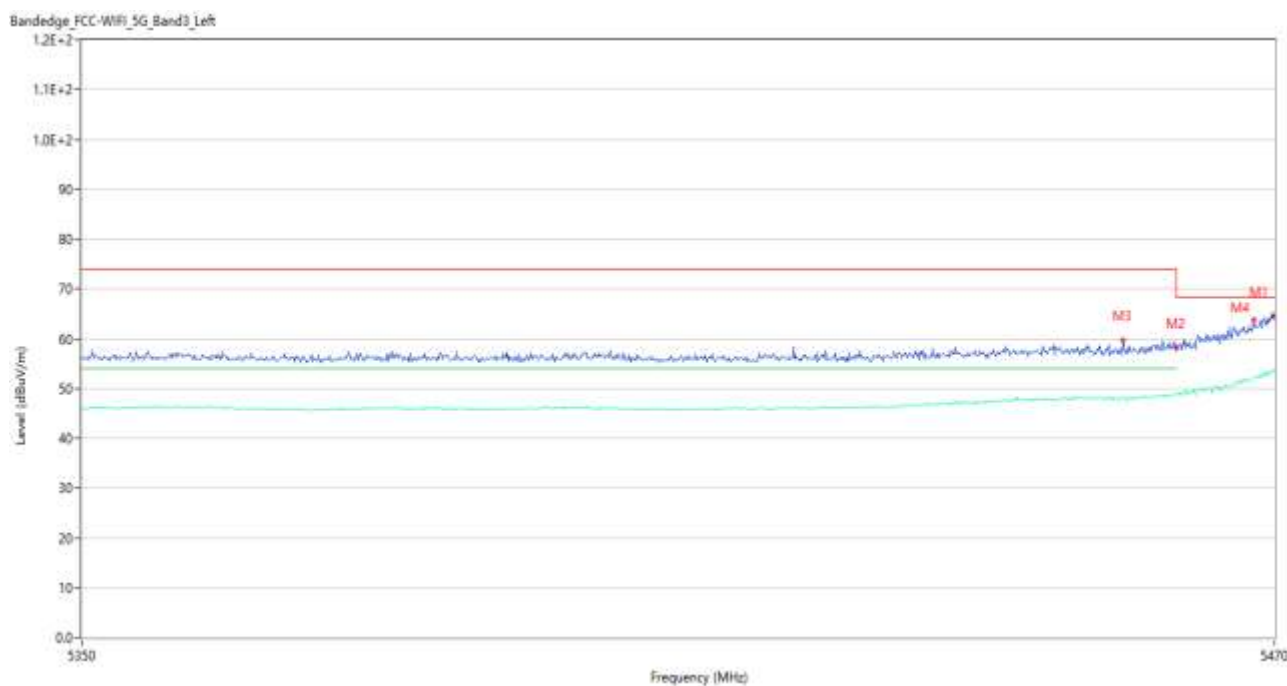
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	68.19	5.80	68.2	0.01	Peak	316.00	150	Vertical	Pass
2	5460.000	62.62	5.38	68.2	5.58	Peak	317.33	150	Vertical	Pass
2**	5460.000	53.06	5.38	54.0	0.94	AV	317.33	150	Vertical	Pass
3	5451.760	63.29	5.57	74.0	10.71	Peak	318.00	150	Vertical	Pass
3**	5451.760	52.49	5.57	54.0	1.51	AV	318.00	150	Vertical	Pass

U-NII-2C 11ac40 CH134



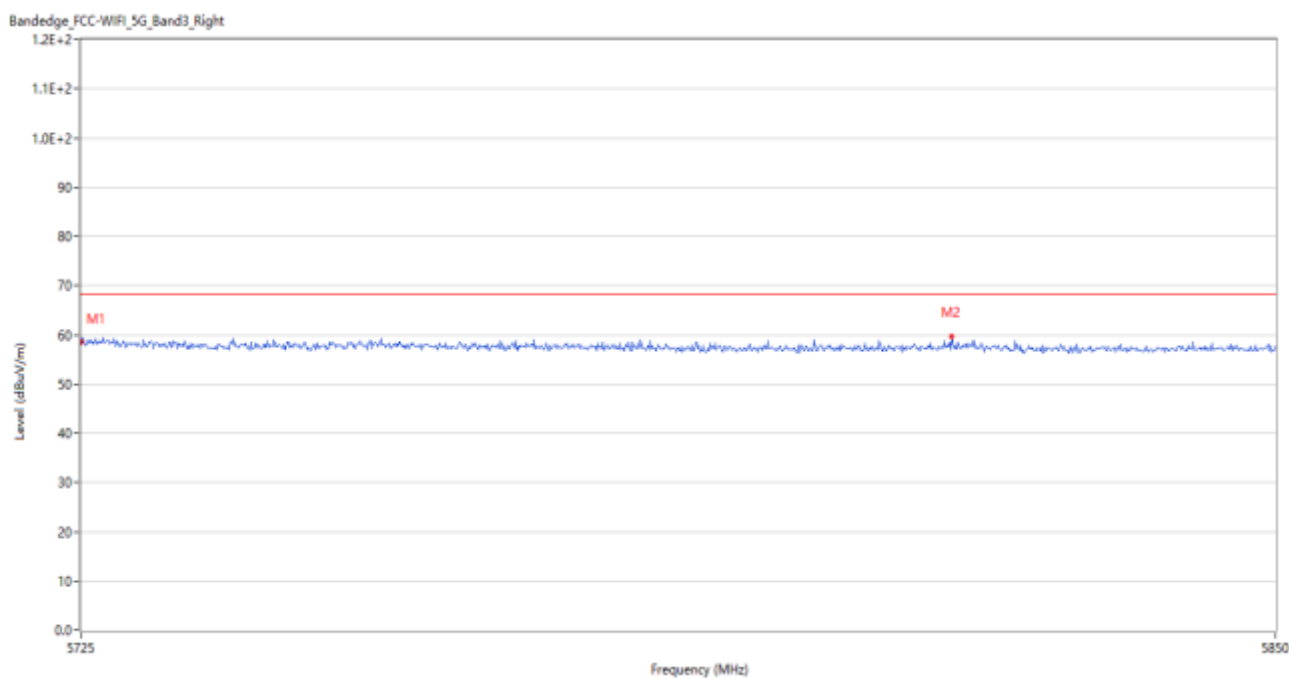
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.84	6.57	68.2	10.36	Peak	0.03	150	Vertical	Pass
2	5725.125	59.79	6.57	68.2	8.41	Peak	5.00	150	Vertical	Pass

U-NII-2C 11ac80 CH106



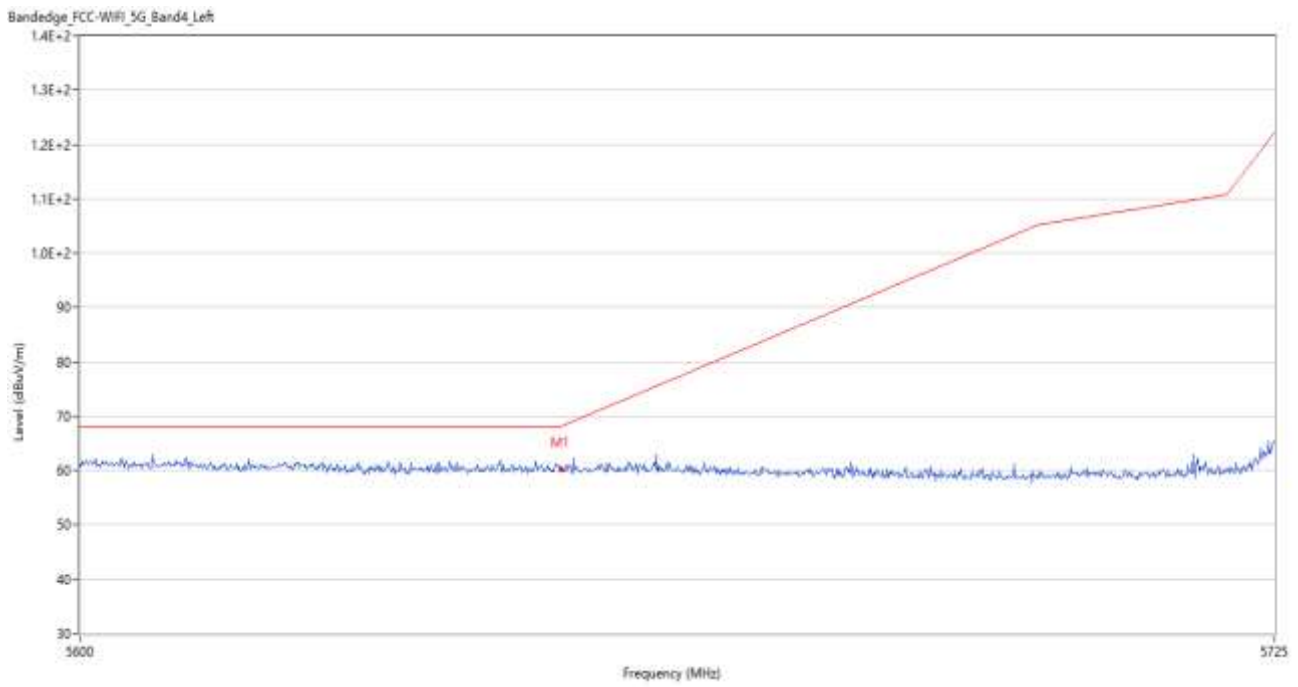
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	64.32	5.80	68.2	3.88	Peak	300.02	150	Vertical	Pass
2	5460.000	58.12	5.38	68.2	10.08	Peak	303.99	150	Vertical	Pass
2**	5460.000	48.84	5.38	54.0	5.16	AV	303.99	150	Vertical	Pass
3	5454.640	59.64	5.48	74.0	14.36	Peak	316.00	150	Vertical	Pass
3**	5454.640	47.87	5.48	54.0	6.13	AV	316.00	150	Vertical	Pass
4	5467.840	63.76	5.71	68.2	4.44	Peak	296.00	150	Vertical	Pass

U-NII-2C 11ac80 CH122



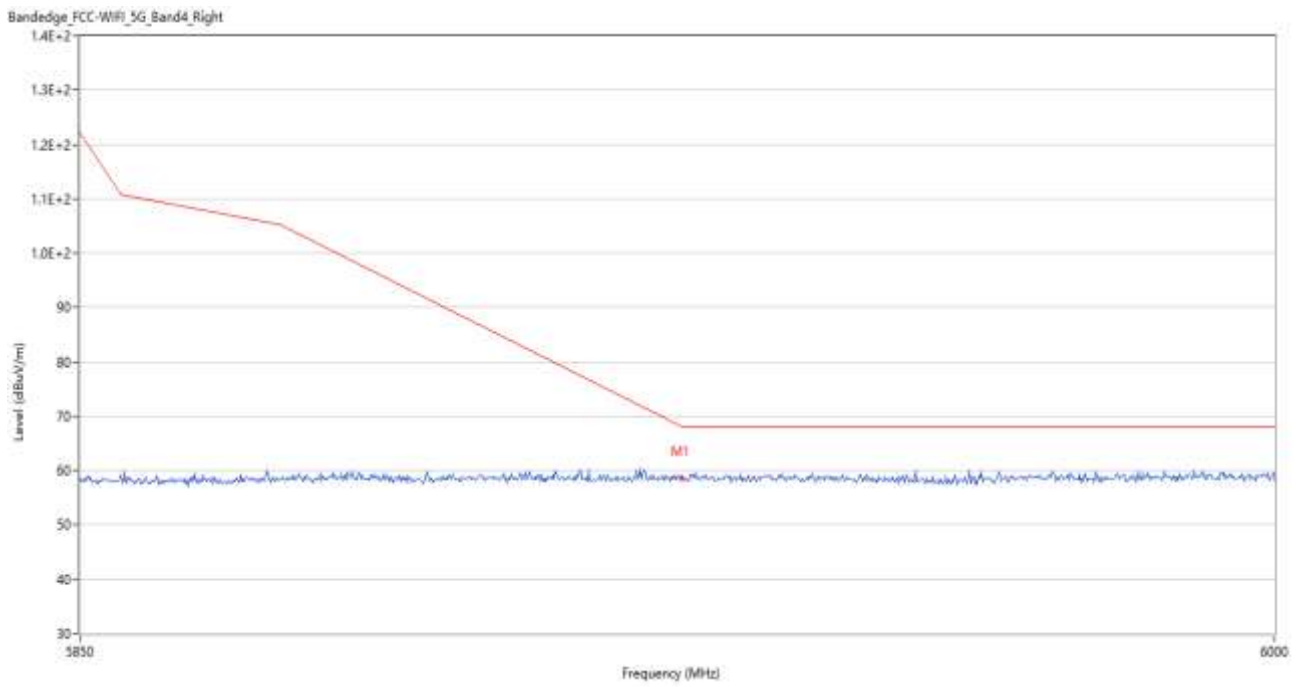
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.59	6.57	68.2	9.61	Peak	0.00	150	Vertical	Pass
2	5815.875	59.66	7.03	68.2	8.54	Peak	0.00	150	Vertical	Pass

U-NII-3 11a CH149



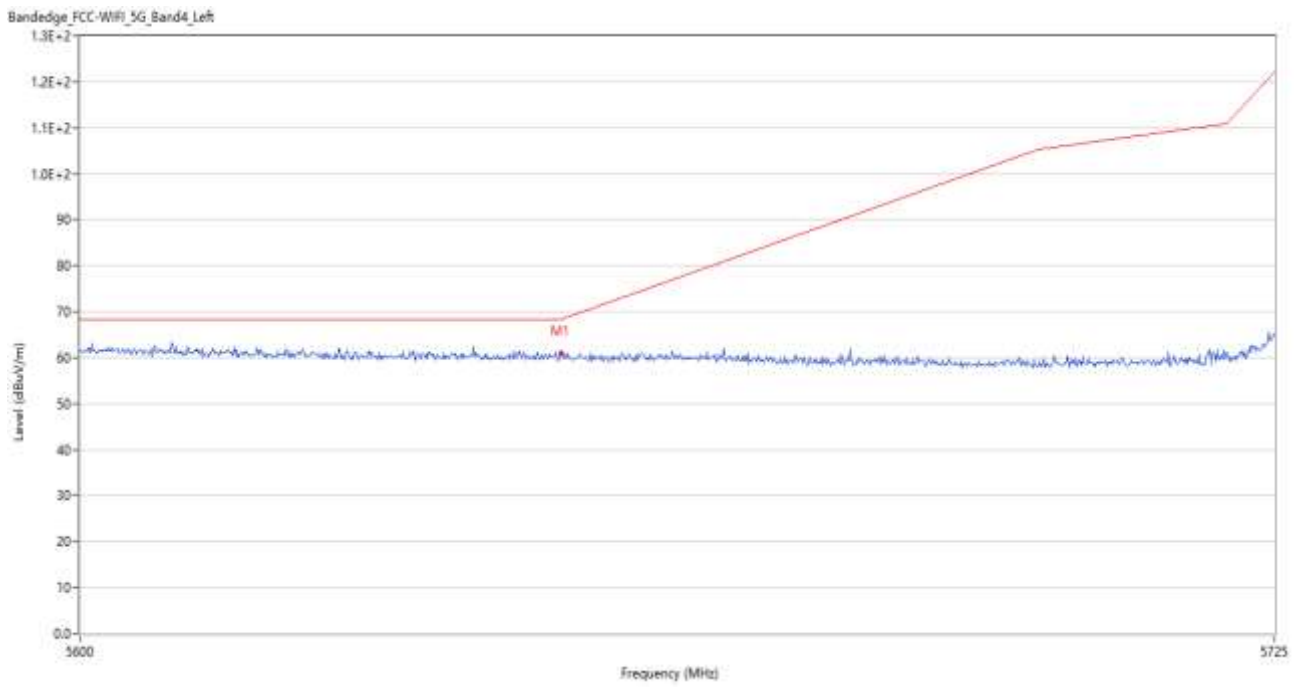
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	60.30	5.94	68.2	7.90	Peak	12.36	150	Vertical	Pass

U-NII-3 11a CH165



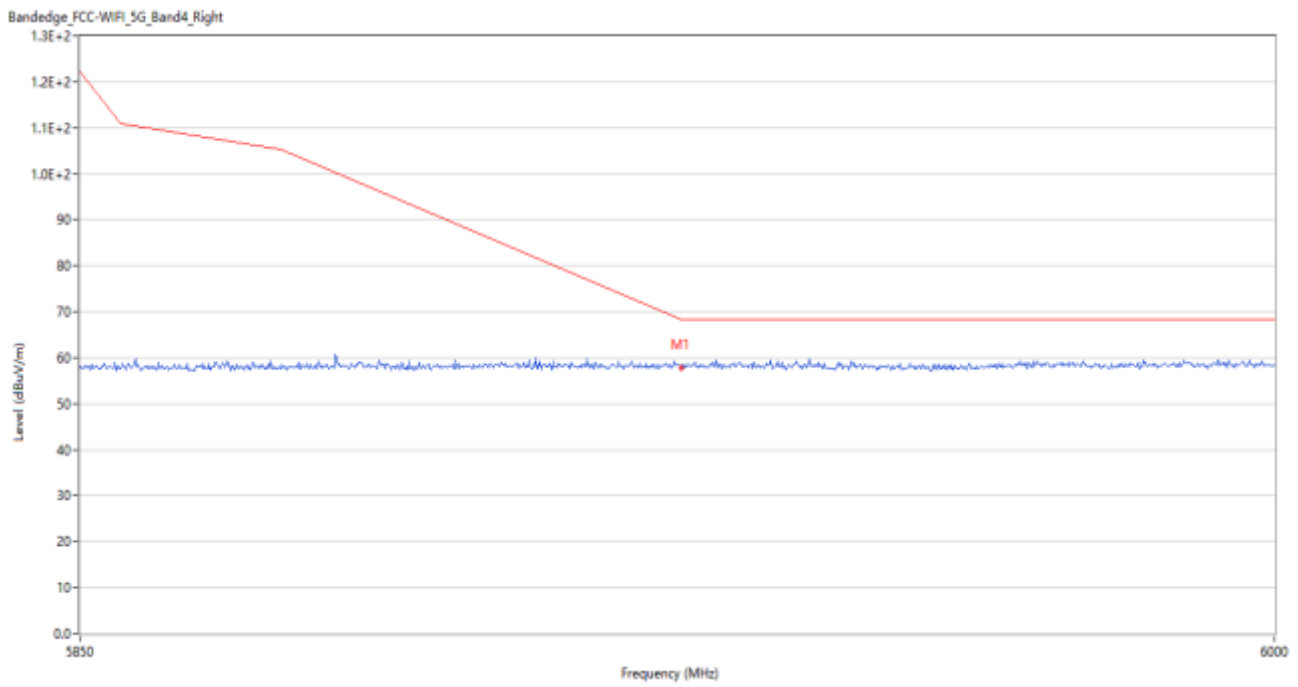
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.66	7.83	68.2	9.54	Peak	0.01	150	Vertical	Pass

U-NII-3 11n20 CH149



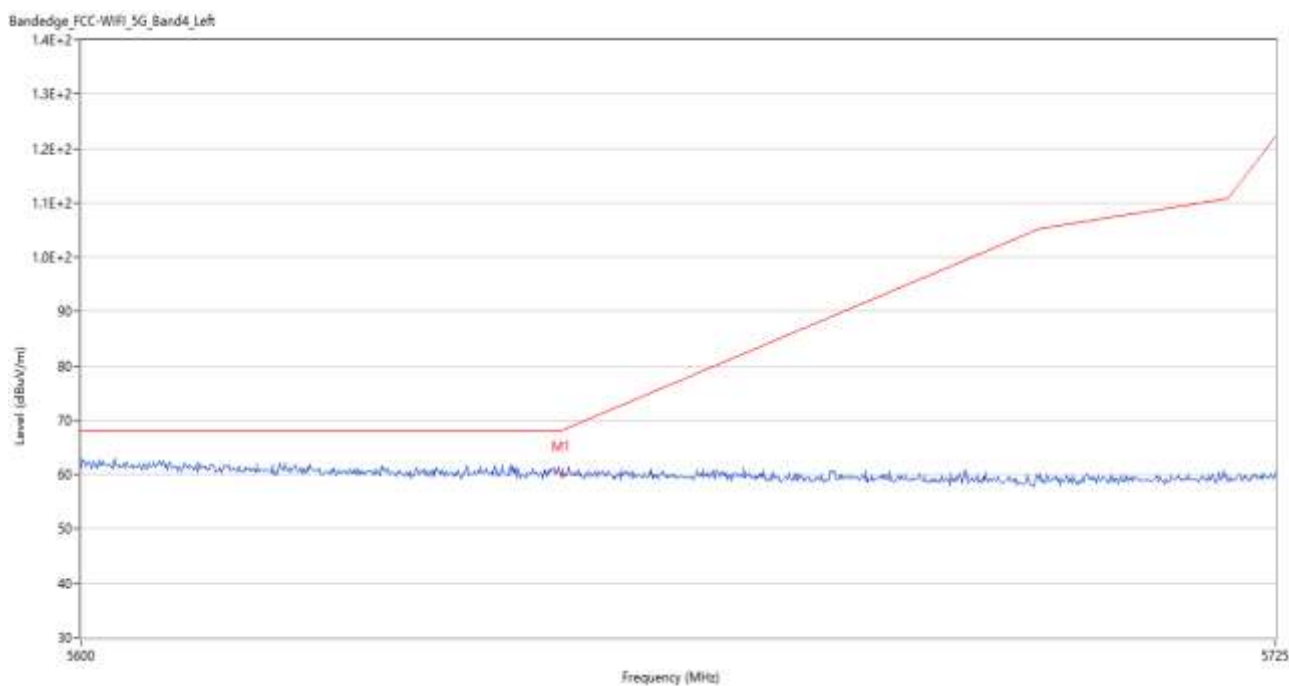
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	60.93	5.94	68.2	7.27	Peak	360.00	150	Vertical	Pass

U-NII-3 11n20 CH165



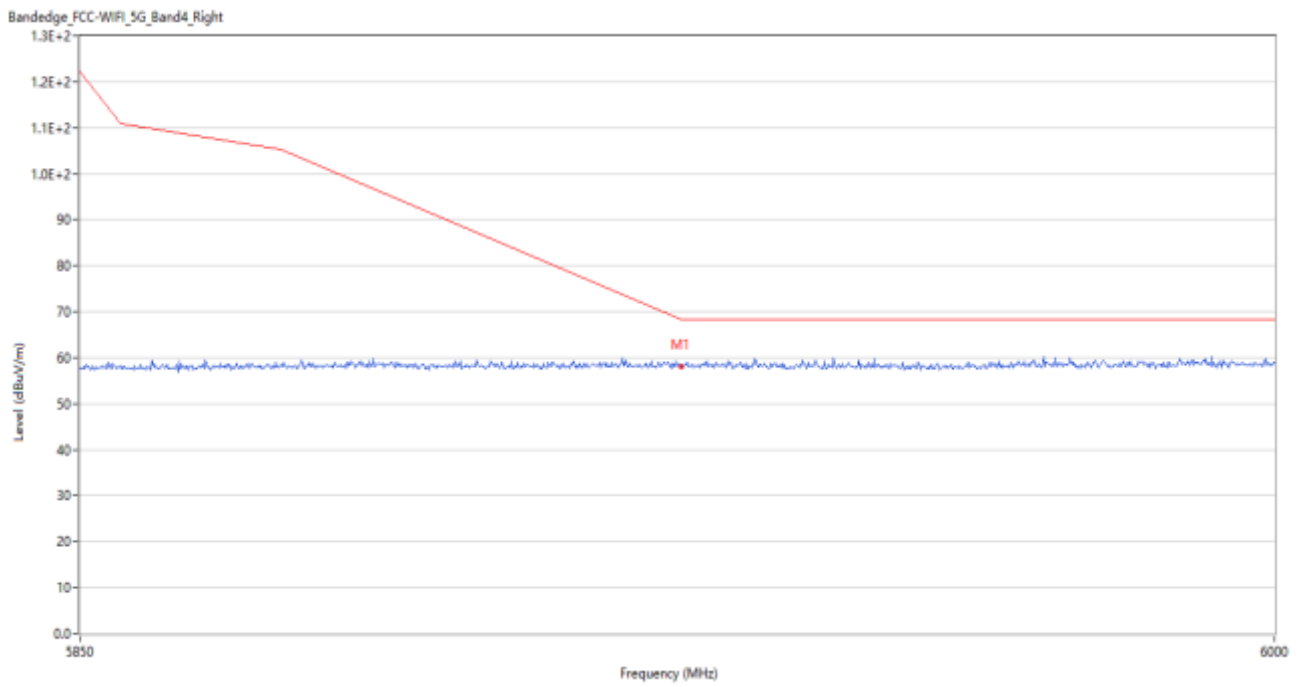
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.89	7.83	68.2	10.31	Peak	0.28	150	Vertical	Pass

U-NII-3 11n40 CH151



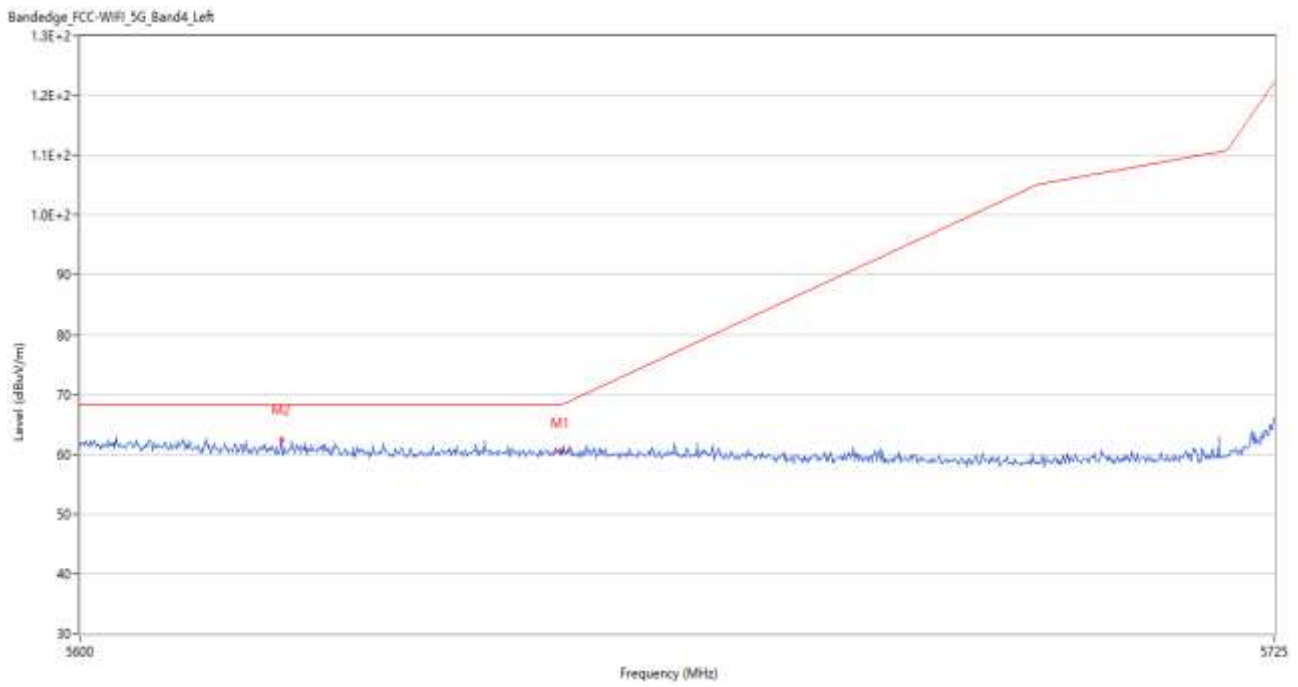
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.70	5.94	68.2	8.50	Peak	360.00	150	Vertical	Pass

U-NII-3 11n40 CH159



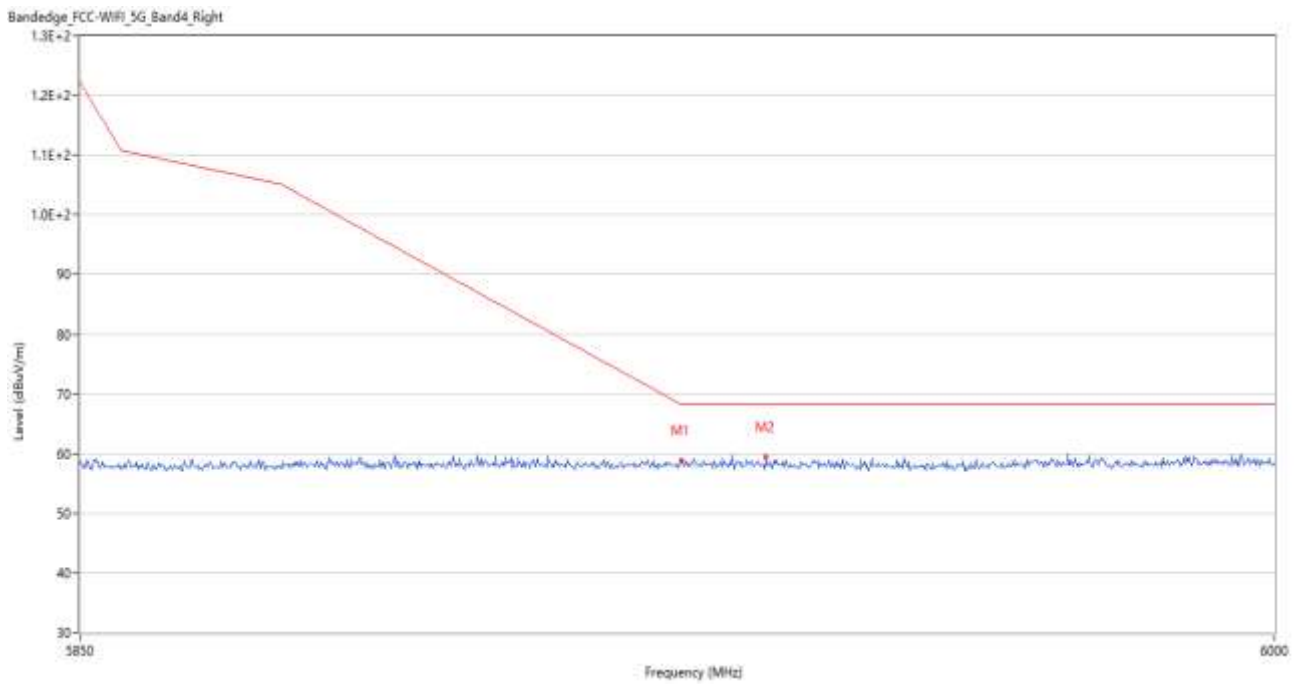
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.94	7.83	68.2	10.26	Peak	318.87	150	Vertical	Pass

U-NII-3 11ac20 CH149



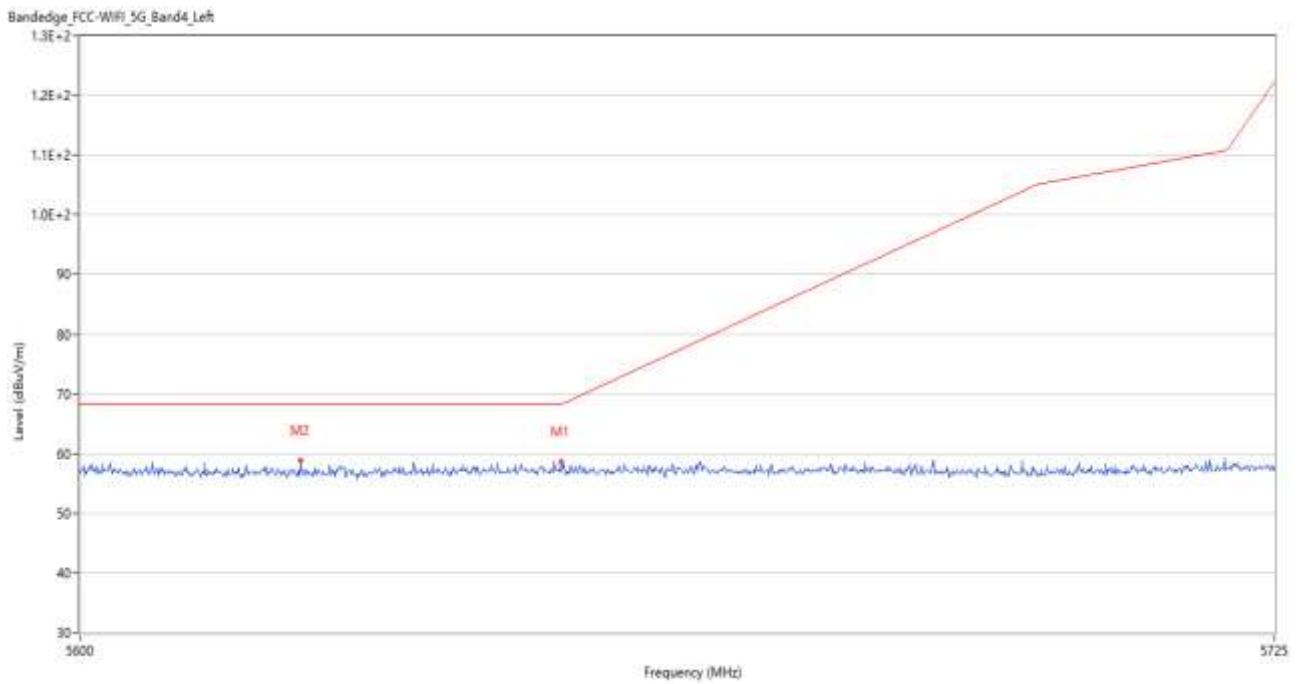
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	60.27	5.94	68.2	7.93	Peak	0.01	150	Vertical	Pass
2	5620.875	62.48	5.90	68.2	5.72	Peak	10.00	150	Vertical	Pass

U-NII-3 11ac20 CH165



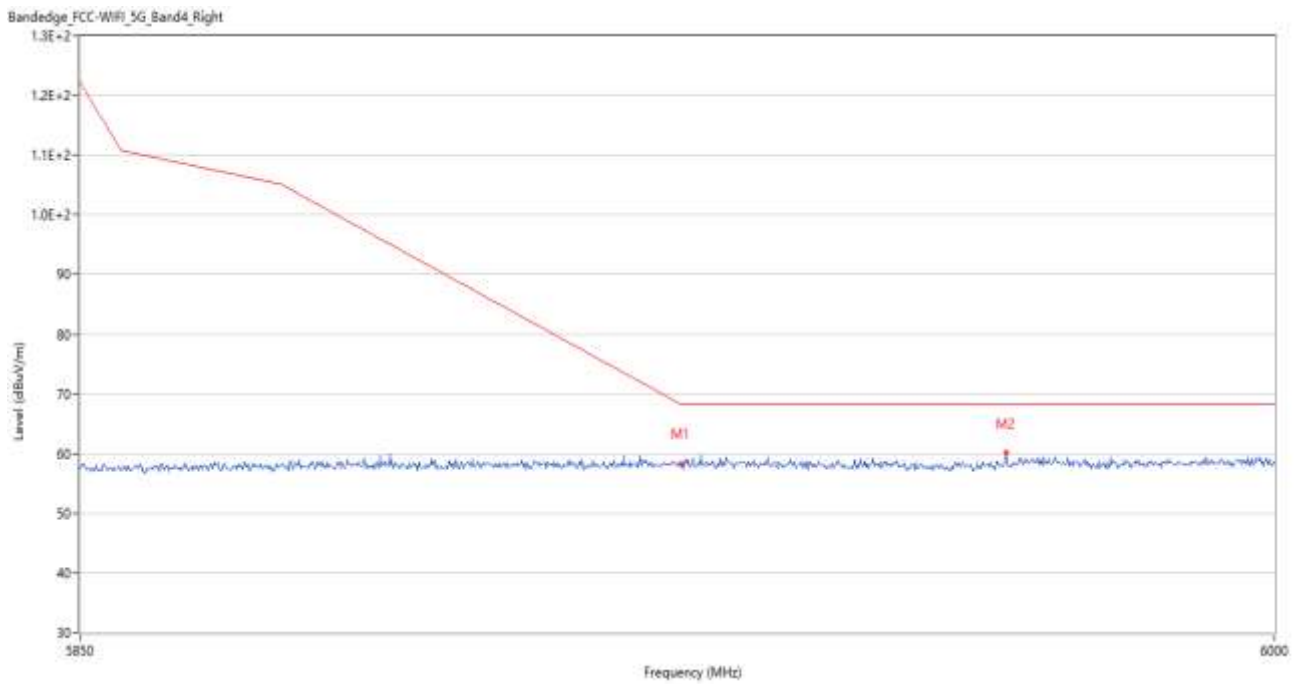
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.86	7.83	68.2	9.34	Peak	359.73	150	Vertical	Pass
2	5935.650	59.34	7.50	68.2	8.86	Peak	271.00	150	Vertical	Pass

U-NII-3 11ac40 CH151



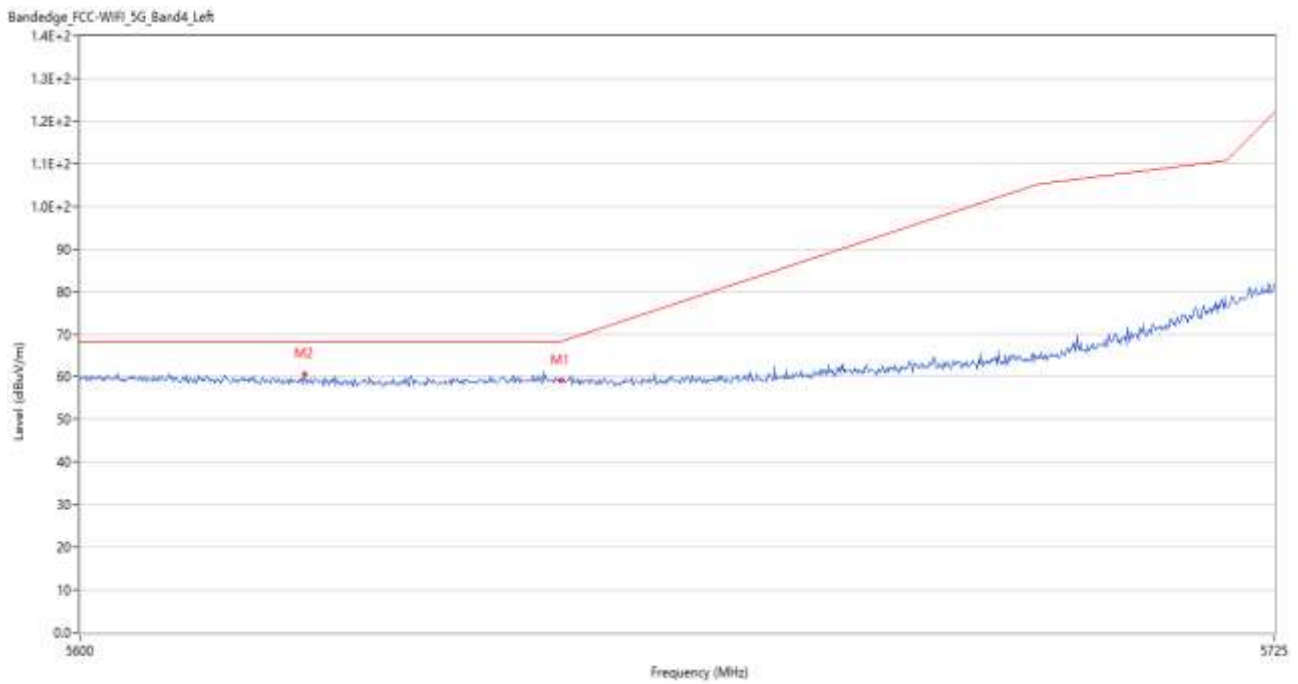
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.71	5.94	68.2	9.49	Peak	134.92	150	Vertical	Pass
2	5622.875	58.81	5.91	68.2	9.39	Peak	99.00	150	Vertical	Pass

U-NII-3 11ac40 CH159



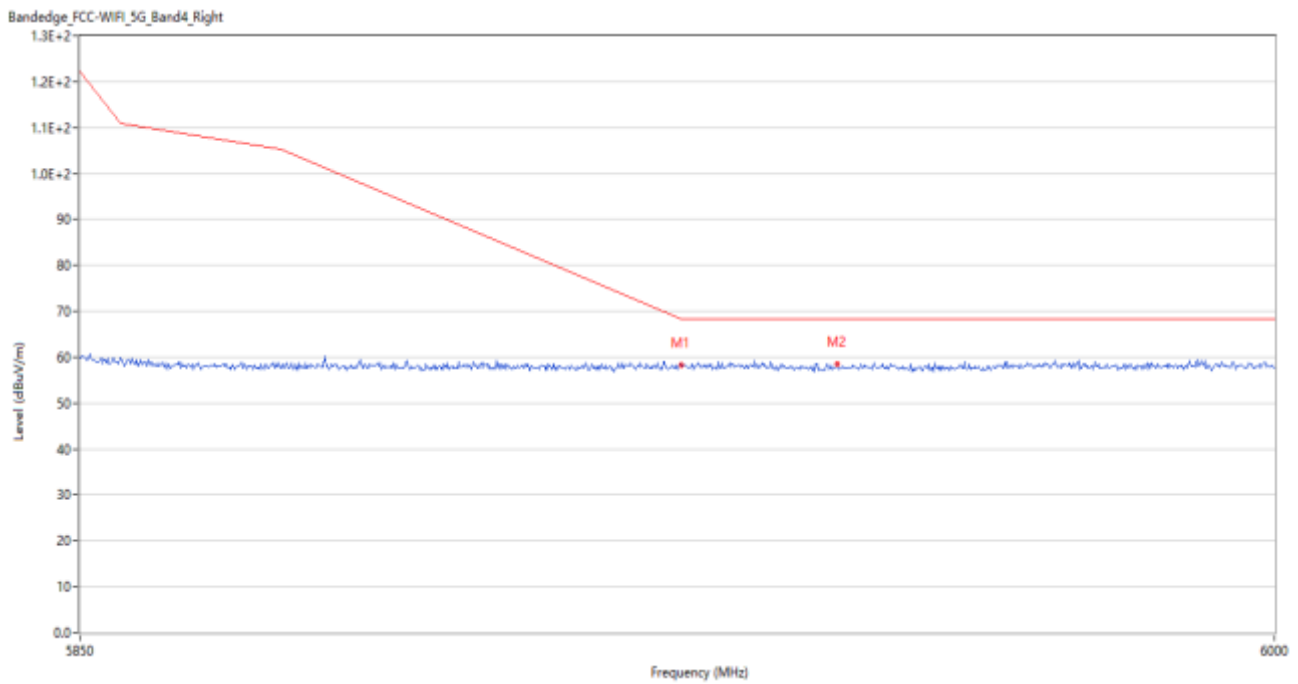
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.33	7.83	68.2	9.87	Peak	228.11	150	Vertical	Pass
2	5965.950	60.11	7.45	68.2	8.09	Peak	4.00	150	Vertical	Pass

U-NII-3 11ac80 CH155



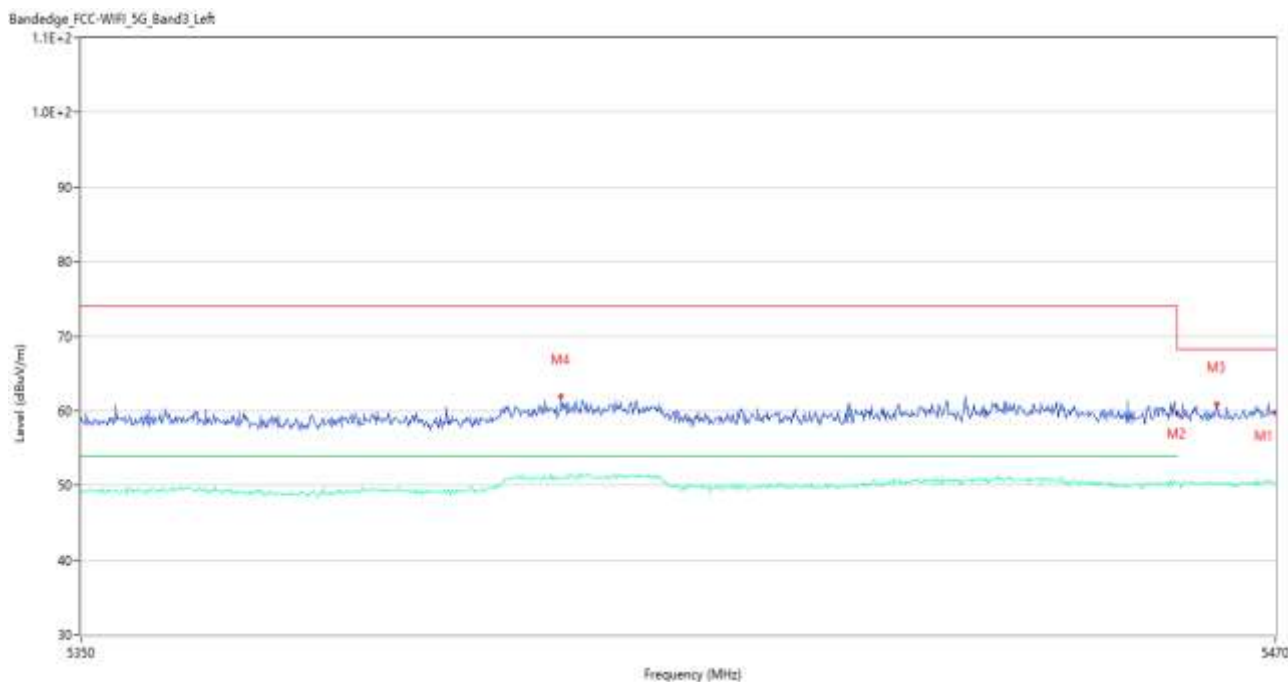
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.02	5.94	68.2	9.18	Peak	333.03	150	Vertical	Pass
2	5623.250	60.77	5.91	68.2	7.43	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac80 CH155



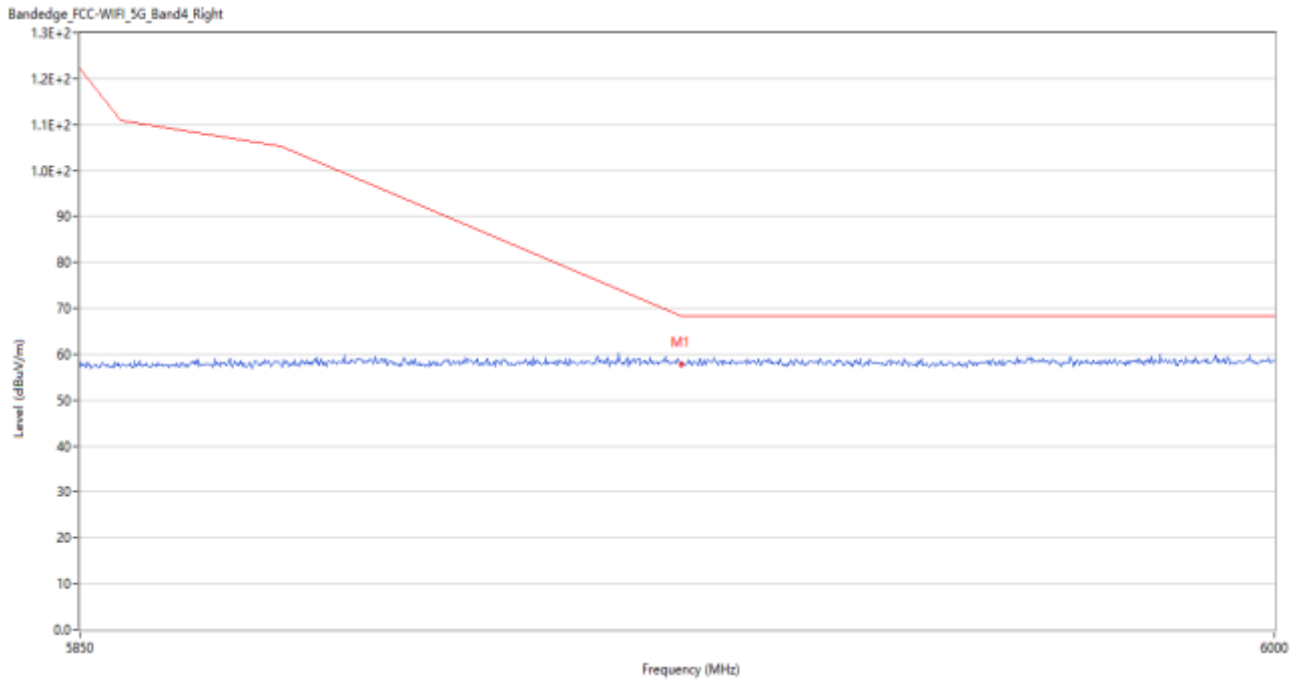
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.27	7.83	68.2	9.93	Peak	347.95	150	Vertical	Pass
2	5944.650	58.47	7.40	68.2	9.73	Peak	124.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11a CH144



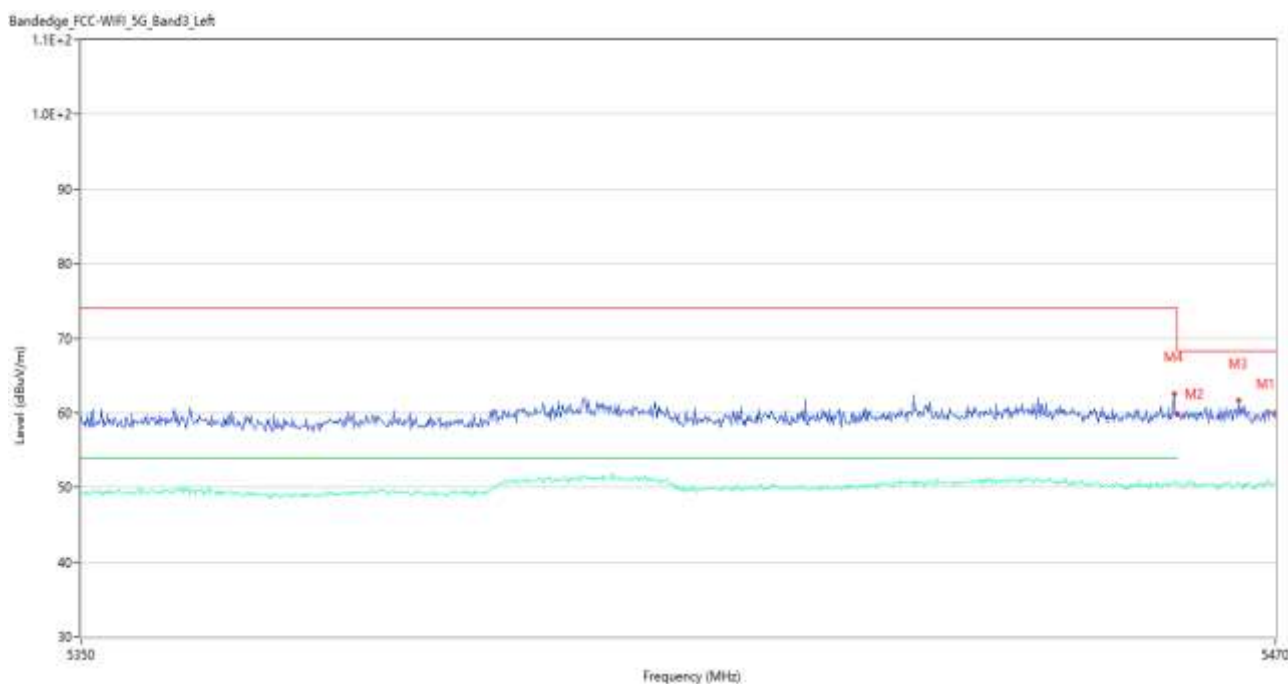
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.71	5.80	68.2	8.49	Peak	309.00	150	Vertical	Pass
2	5460.000	59.50	5.38	68.2	8.70	Peak	276.71	150	Vertical	Pass
2**	5460.000	50.39	5.38	54.0	3.61	AV	276.71	150	Vertical	Pass
3	5464.000	60.85	5.55	68.2	7.35	Peak	311.00	150	Vertical	Pass
4	5397.880	61.96	5.73	74.0	12.04	Peak	311.00	150	Vertical	Pass
4**	5397.880	50.74	5.73	54.0	3.26	AV	311.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11a CH144



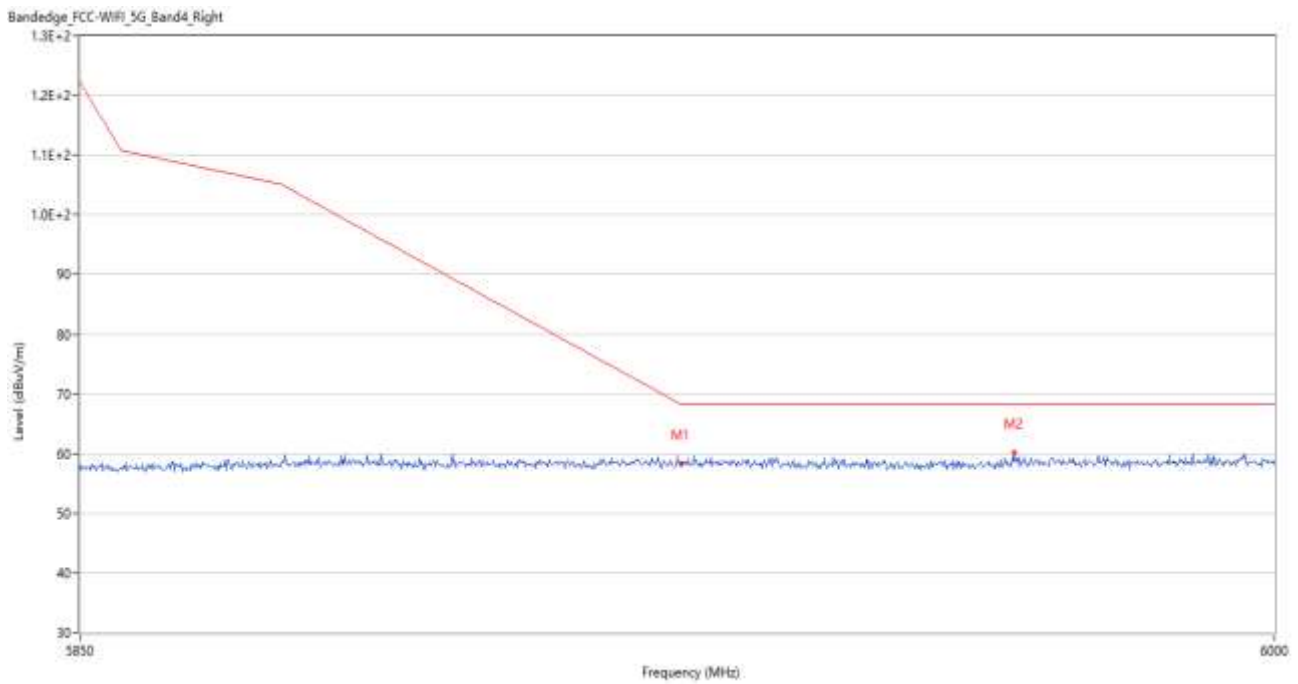
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.78	7.83	68.2	10.42	Peak	179.23	150	Vertical	Pass

U-NII-2C & U-NII-3 11n20 CH144



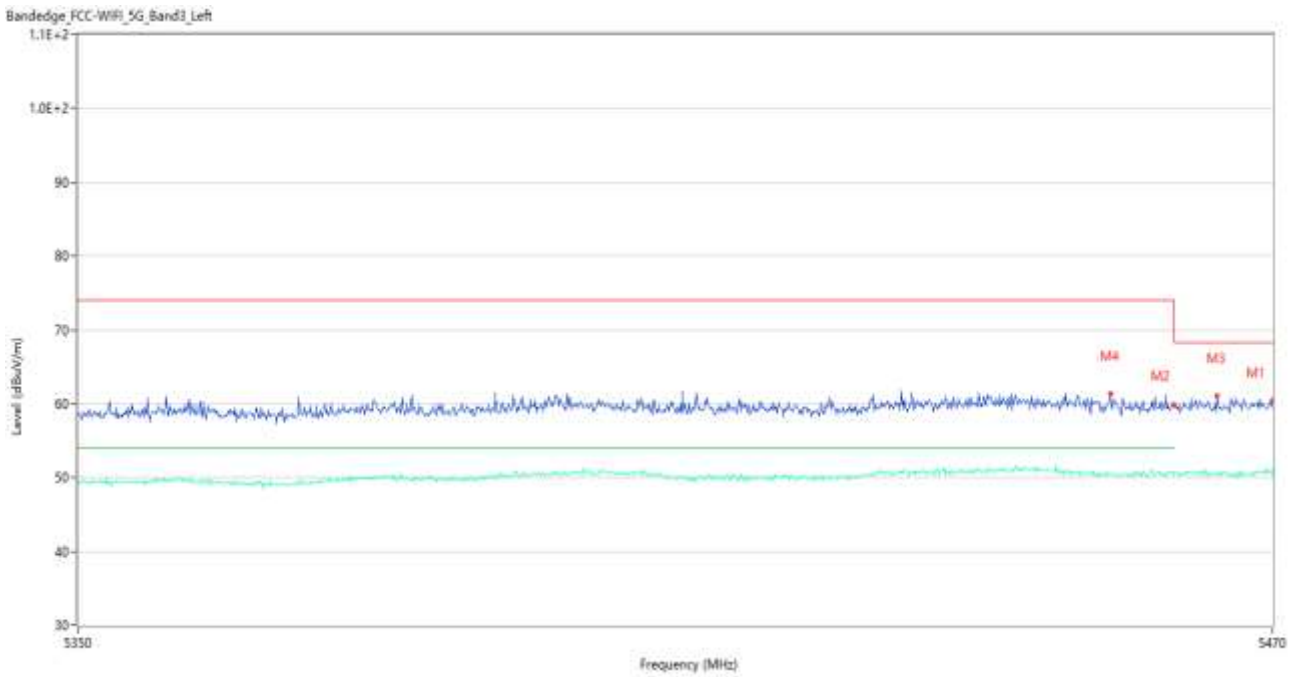
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.99	5.80	68.2	8.21	Peak	15.31	150	Vertical	Pass
2	5460.000	59.81	5.38	68.2	8.39	Peak	306.01	150	Vertical	Pass
2**	5460.000	50.72	5.38	54.0	3.28	AV	306.01	150	Vertical	Pass
3	5466.280	61.66	5.62	68.2	6.54	Peak	309.00	150	Vertical	Pass
4	5459.680	62.51	5.39	74.0	11.49	Peak	314.00	150	Vertical	Pass
4**	5459.680	50.49	5.39	54.0	3.51	AV	314.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11n20 CH144



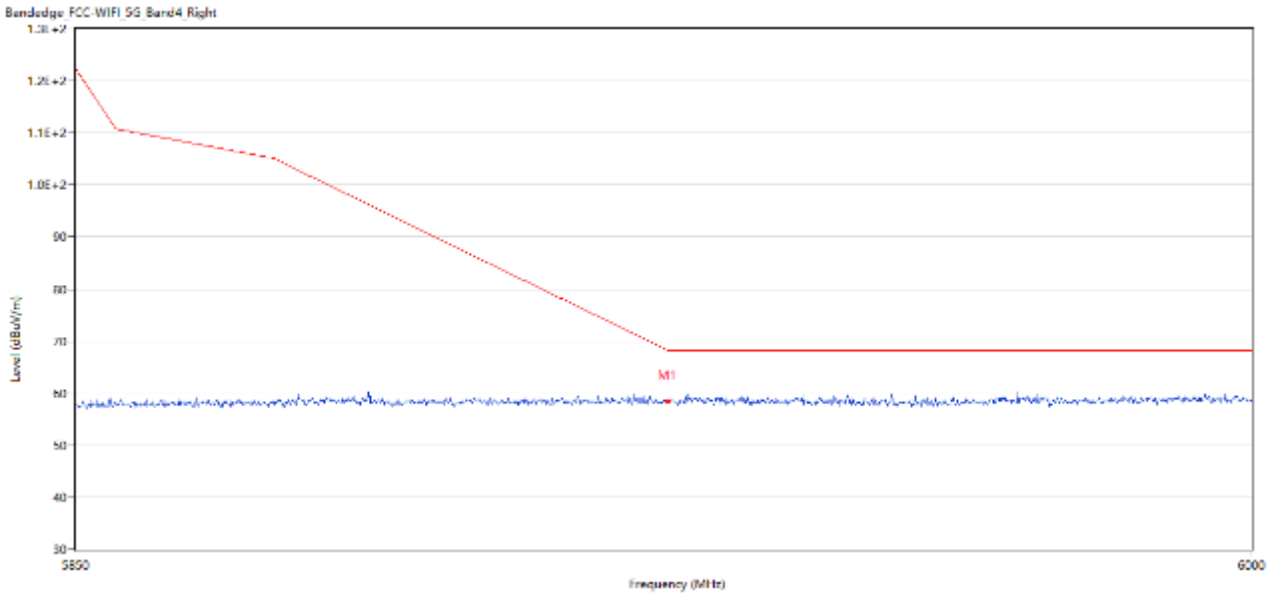
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.20	7.83	68.2	10.00	Peak	37.28	150	Vertical	Pass
2	5967.000	60.11	7.51	68.2	8.09	Peak	146.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11n40 CH142



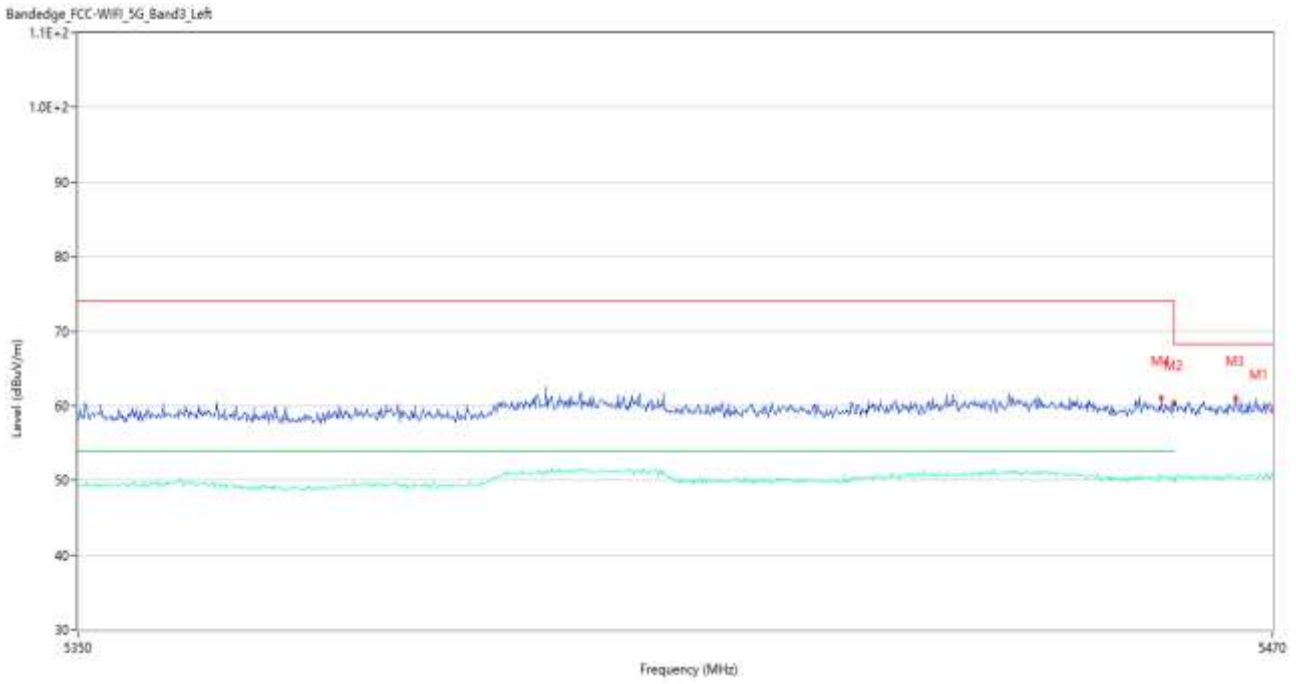
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	60.51	5.80	68.2	7.69	Peak	321.04	150	Vertical	Pass
2	5460.000	59.81	5.38	68.2	8.39	Peak	307.00	150	Vertical	Pass
2**	5460.000	50.59	5.38	54.0	3.41	AV	307.00	150	Vertical	Pass
3	5464.360	61.03	5.56	68.2	7.17	Peak	313.00	150	Vertical	Pass
4	5453.560	61.39	5.51	74.0	12.61	Peak	315.00	150	Vertical	Pass
4**	5453.560	50.35	5.51	54.0	3.65	AV	315.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11n40 CH142



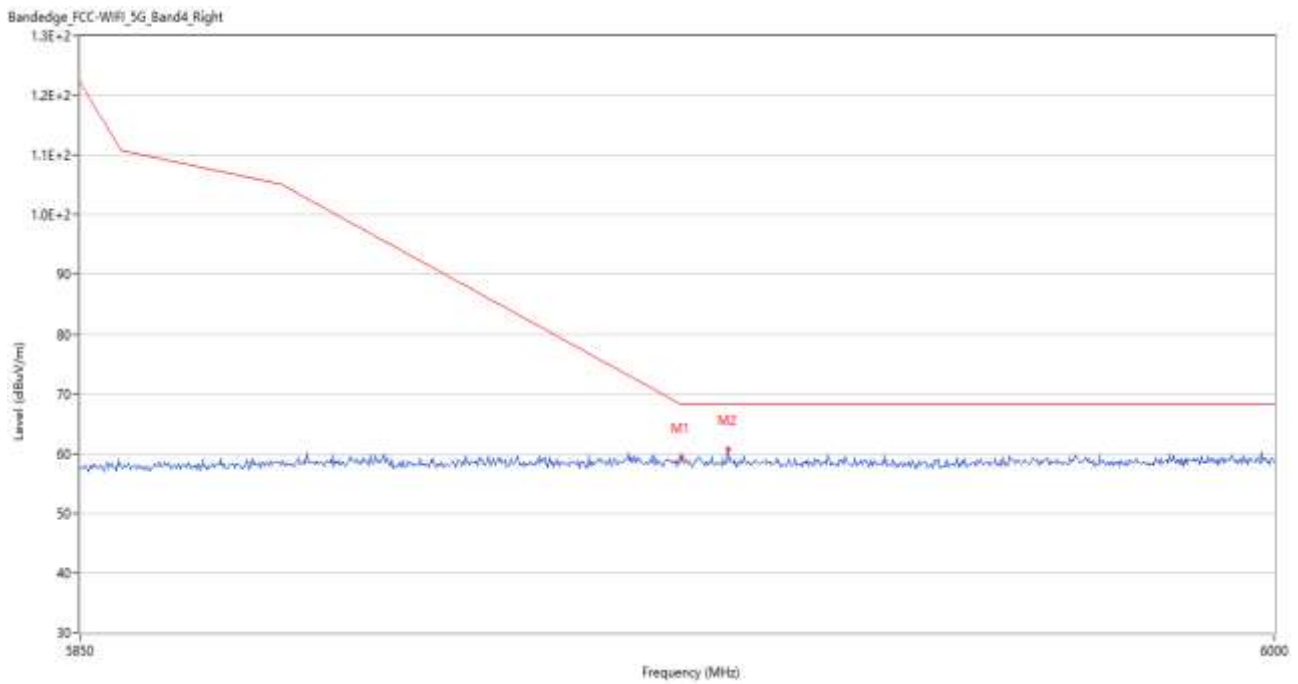
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.50	7.83	68.2	9.70	Peak	0.14	150	Vertical	Pass

U-NII-2C & U-NII-3 11ac20 CH144



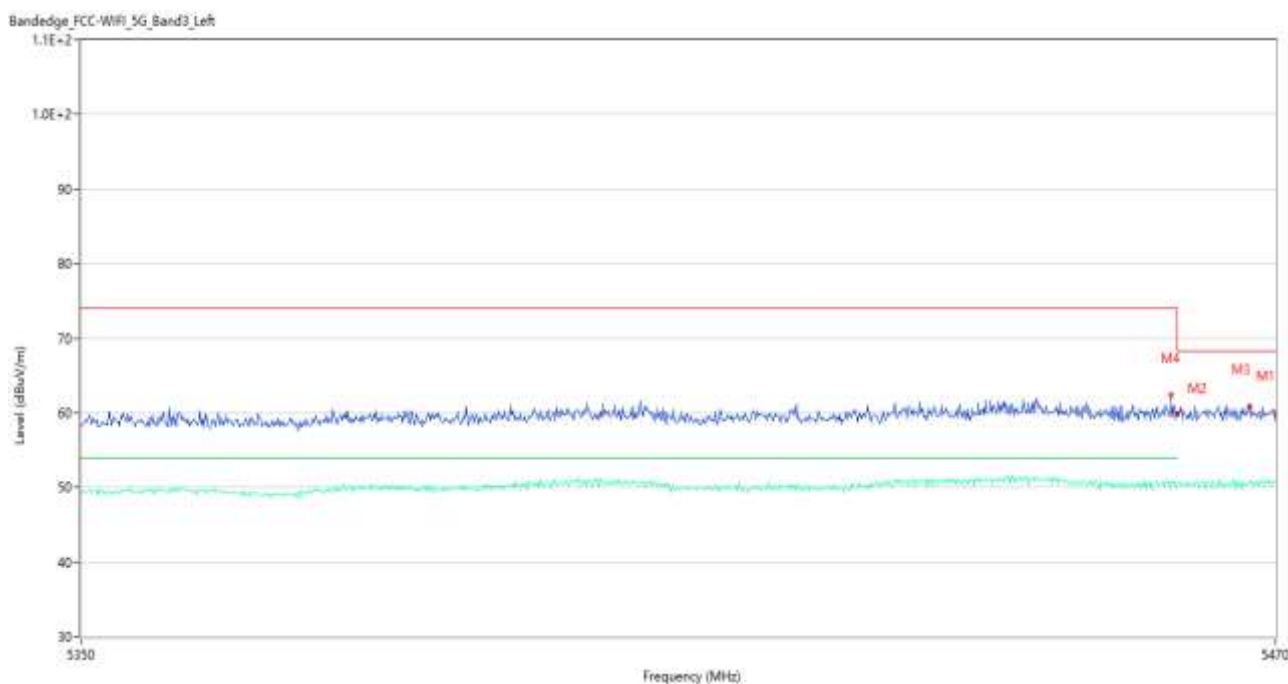
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.33	5.80	68.2	8.87	Peak	322.00	150	Vertical	Pass
2	5460.000	60.02	5.38	68.2	8.18	Peak	325.69	150	Vertical	Pass
2**	5460.000	50.20	5.38	54.0	3.80	AV	325.69	150	Vertical	Pass
3	5466.280	61.10	5.62	68.2	7.10	Peak	322.00	150	Vertical	Pass
4	5458.720	61.07	5.42	74.0	12.93	Peak	316.00	150	Vertical	Pass
4**	5458.720	50.39	5.42	54.0	3.61	AV	316.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11ac20 CH144



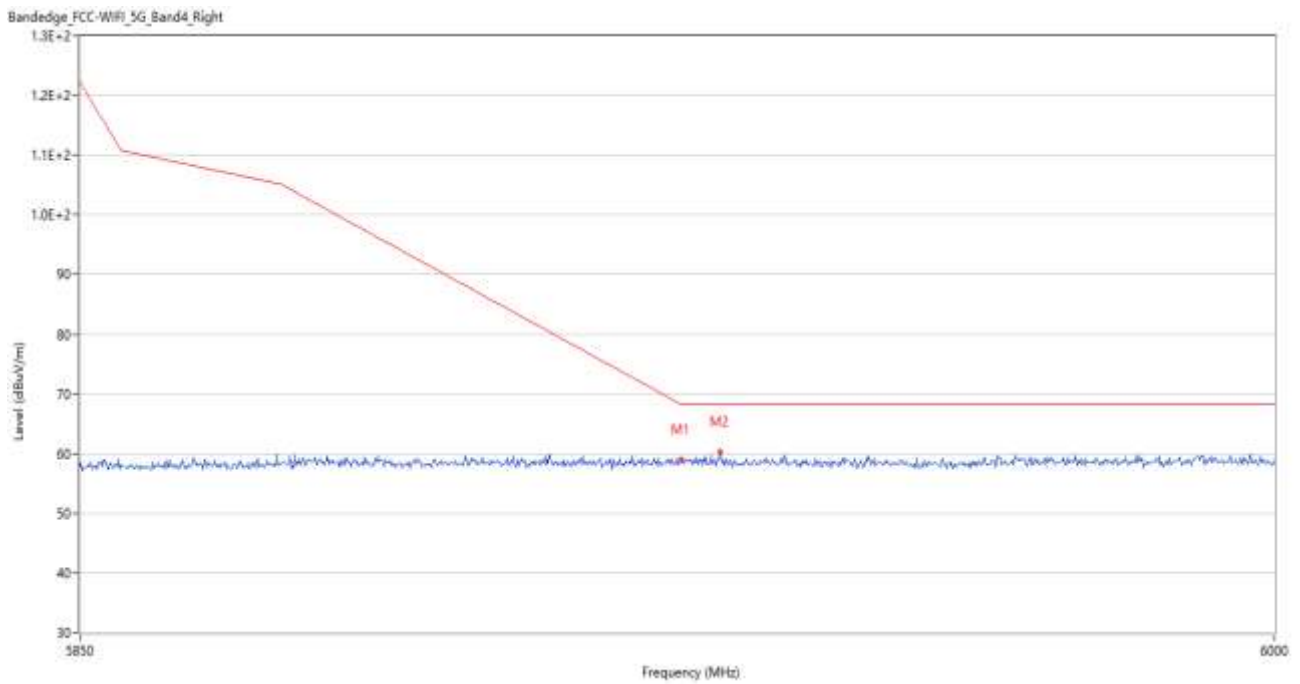
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.34	7.83	68.2	8.86	Peak	0.29	150	Vertical	Pass
2	5930.850	60.66	7.68	68.2	7.54	Peak	0.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11ac40 CH142



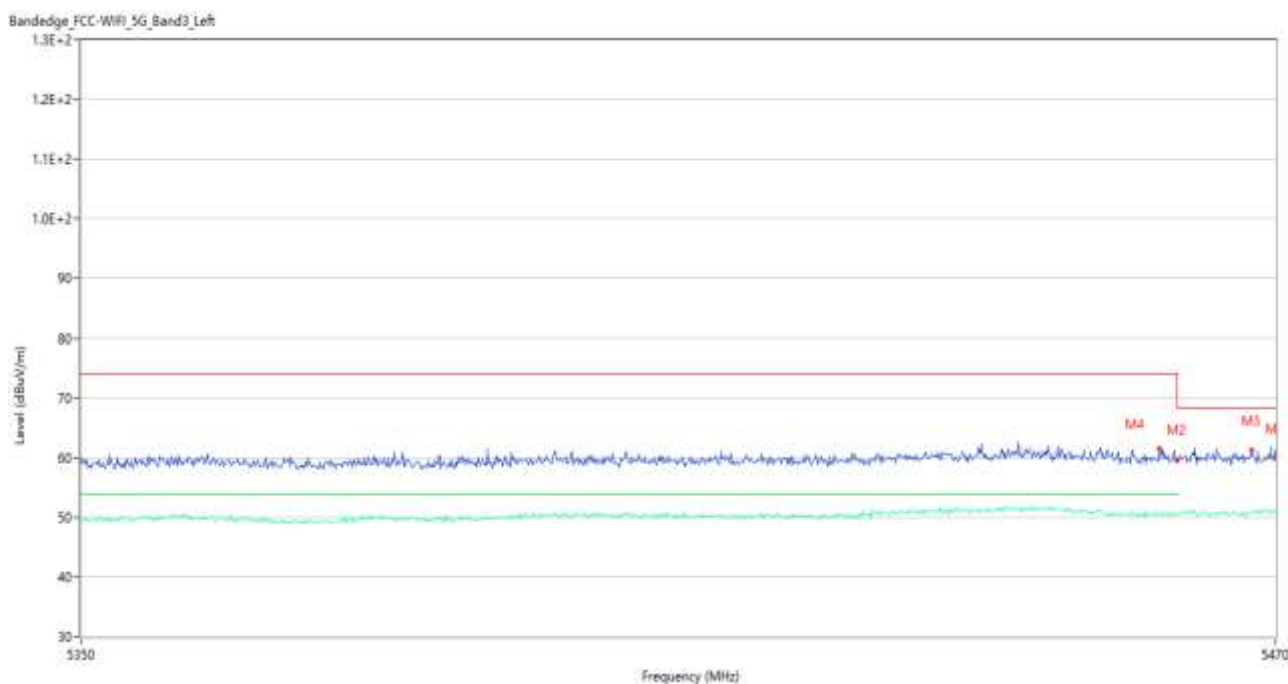
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.95	5.80	68.2	8.25	Peak	315.04	150	Vertical	Pass
2	5460.000	59.89	5.38	68.2	8.31	Peak	303.00	150	Vertical	Pass
2**	5460.000	50.31	5.38	54.0	3.69	AV	303.00	150	Vertical	Pass
3	5467.360	60.87	5.67	68.2	7.33	Peak	255.00	150	Vertical	Pass
4	5459.440	62.38	5.39	74.0	11.62	Peak	310.00	150	Vertical	Pass
4**	5459.440	50.68	5.39	54.0	3.32	AV	310.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11ac40 CH142



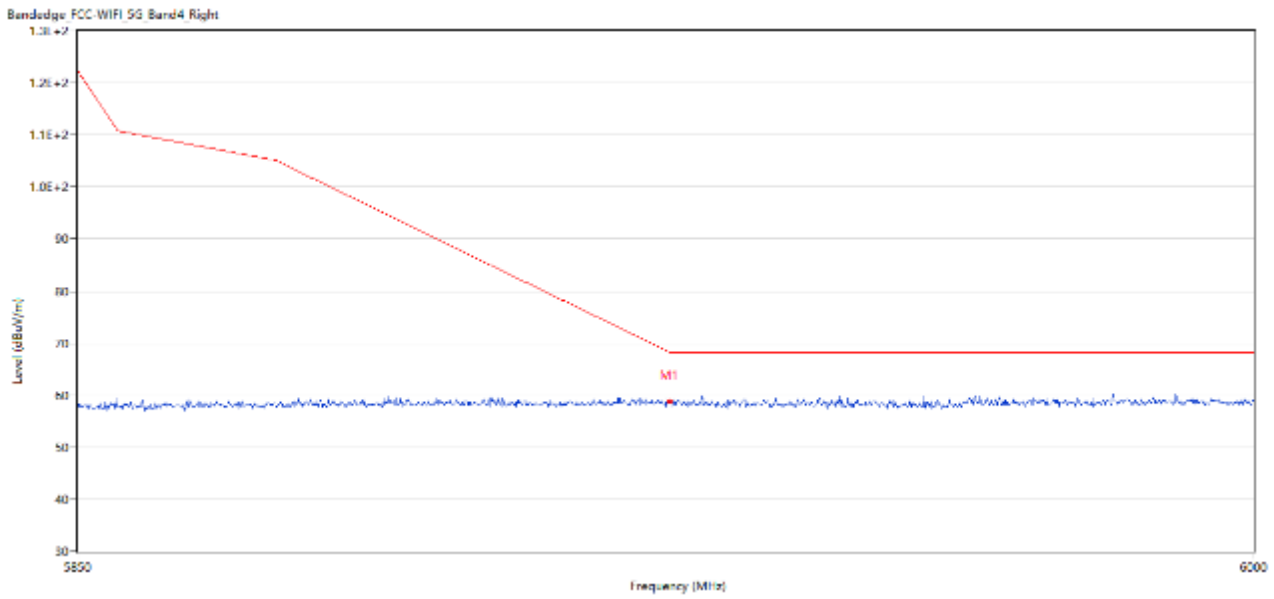
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.08	7.83	68.2	9.12	Peak	240.99	150	Vertical	Pass
2	5929.950	60.36	7.71	68.2	7.84	Peak	34.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11ac80 CH138



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.90	5.80	68.2	8.30	Peak	355.96	150	Vertical	Pass
2	5460.000	59.46	5.38	68.2	8.74	Peak	330.29	150	Vertical	Pass
2**	5460.000	50.65	5.38	54.0	3.35	AV	330.29	150	Vertical	Pass
3	5467.600	61.28	5.69	68.2	6.92	Peak	312.00	150	Vertical	Pass
4	5458.240	61.49	5.44	74.0	12.51	Peak	321.00	150	Vertical	Pass
4**	5458.240	50.53	5.44	54.0	3.47	AV	321.00	150	Vertical	Pass

U-NII-2C & U-NII-3 11ac80 CH138



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.89	7.83	68.2	9.31	Peak	360.00	150	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-EC2390557-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-EC2390557-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-EC2390557-AI.PDF”.

Statement

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7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--