TEST REPORT

Applicant:	Shenzhen SEI Robotics Co., Ltd
Address:	4th Floor, Productivity Building D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518000, China
Equipment Type:	4K Stick
Model Name:	IPA3102HDW (refer section 2.4)
Brand Name:	N/A
FCC ID:	2AOVU-IPA3102HDW
Test Standard:	47 CFR Part 15 Subpart E (refer section 3.1)
Test Date:	Sep. 16, 2022 - Oct. 09, 2022
Date of Issue:	Oct. 28, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
Rev. 01	Oct. 28, 2022	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shenzhen SEI Robotics Co., Ltd
Address	4th Floor, Productivity Building D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518000, China

2.2 Manufacturer Information

Manufacturer	Shenzhen SEI Robotics Co., Ltd
Address	4th Floor, Productivity Building D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518000, China

2.3 Factory Information

Factory	Shenzhen SEI Robotics Co., Ltd
Address	4th Floor, Productivity Building D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518000, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	4K Stick
Model Name Under Test	IPA3102HDW
Series Model Name	SN8BKJA, SN8BKJX(X=A~Z), SEI700L, FUSE4K, SEI700
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the customer)
Hardware Version	SMB.308.04
Software Version	transmitter KEY 1.4
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/3

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-3: 5725 MHz to 5850 MHz
Product Type		☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology		OFDM
Modulation Type		256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type		Indoor for IC 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: 13.95 dBm U-NII-3: 13.95 dBm
Antenna System (eg., MIMO, Smart Antenna)		Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac
Categorization as Correlated or Completely Uncorrelated		Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac
Antenna Type	Main Antenna	PCB Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 8.10 dBi U-NII-3: 5725 MHz to 5850 MHz: 7.58 dBi
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 4.28 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.81 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz:9.40 dBi U-NII-3: 5725 MHz to 5850 MHz: 9.31 dBi Formulas: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2$ /NANT] dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 6.60 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.41 dBi Formulas: Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + ... + 10^{GN/10})$/NANT] dBi
	For power	Correlated:

	measurements	U-NII-1: 5150 MHz to 5250 MHz: 9.40 dBi U-NII-3: 5725 MHz to 5850 MHz: 9.31 dBi Formulas: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2$ /NANT] dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 6.60 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.41 dBi Formulas: Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})$/NANT] dBi
About the Product		The equipment is 4K Stick, intended for used with information technology equipment.

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**	**155**	**5775**
44	**5220**	**151**	**5755**		
48	**5240**	**159**	**5795**		
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n(HT20)/ac(VHT20)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	151	Low	5755
46	High	5230	159	High	5795

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	155	Mid	5775

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-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	165/149
	11n(20 MHz)	6.5		48/36	165/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/36	165/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	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	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	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[Note2]

Note [1]: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note [2]: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note [3]: 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	42% to 64%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.6℃ to +25.6℃
	LT (Low Temperature)	+5℃
	HT (High Temperature)	+35℃
Working Voltage of the EUT	NV (Normal Voltage)	5 V
	LV (Low Voltage)	5 V
	HV (High Voltage)	5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2022.05.19	2023.05.18
Power Sensor	ROHDE&SCHWARZ	NRP18S	102521	2022.03.09	2023.03.08
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2022.09.06	2023.09.05
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2022.06.29	2023.06.28
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.09.04	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.10.10	2022.10.09
Test Antenna-Bi-Log(30 MHz-1 GHz)	SCHWARZBECK	VULB 9168	00883	2022.04.01	2025.03.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2021.10.10	2022.10.09
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	N/A	2022.02.19	2025.02.18

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V19.8.28.435	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

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

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

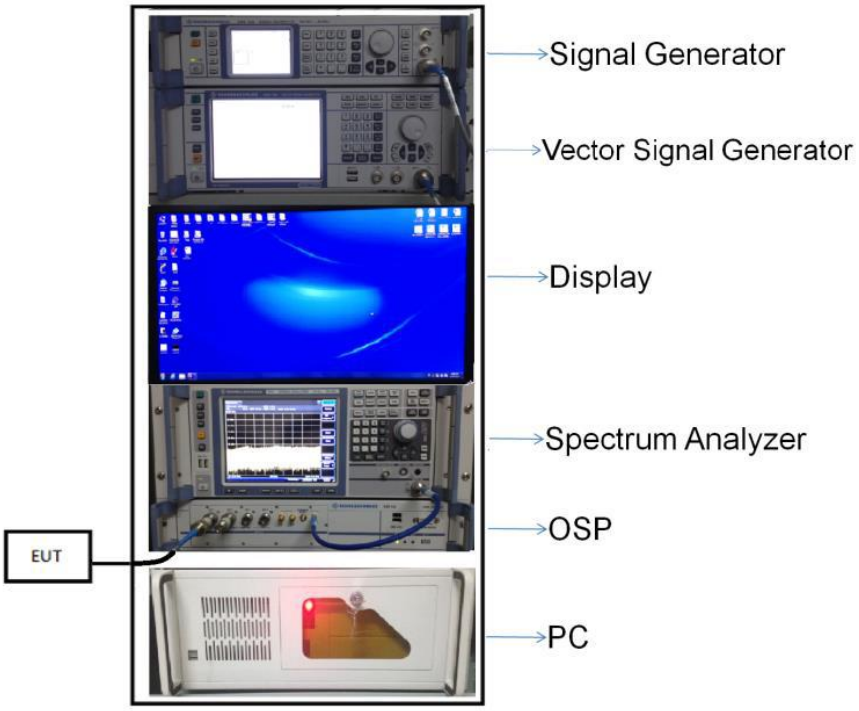
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82°C
Humidity	4.1%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

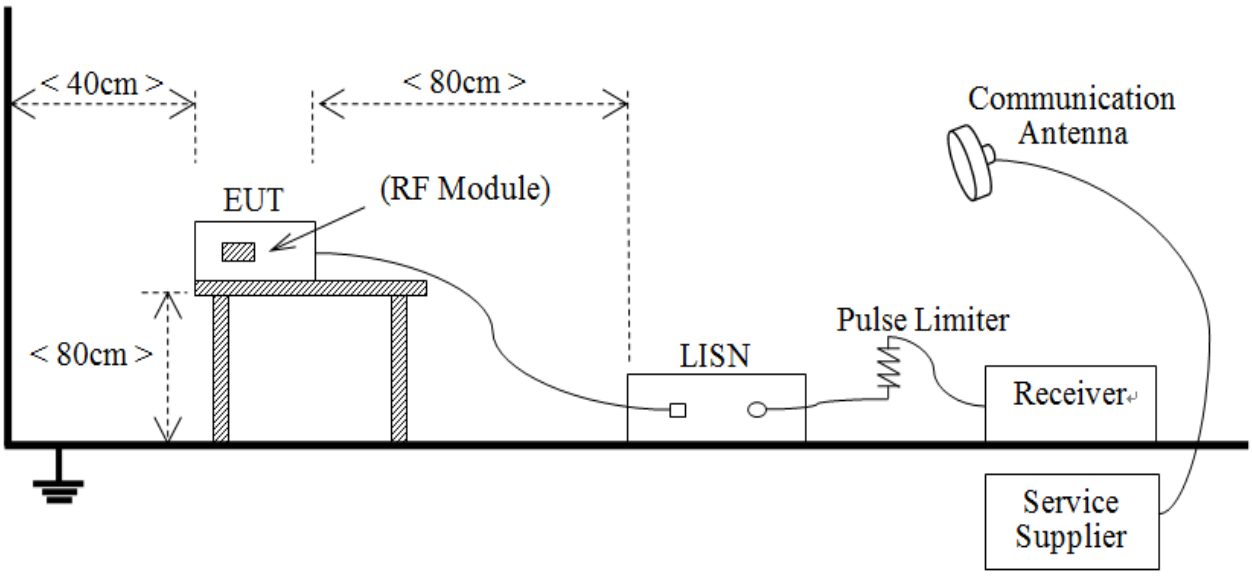
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



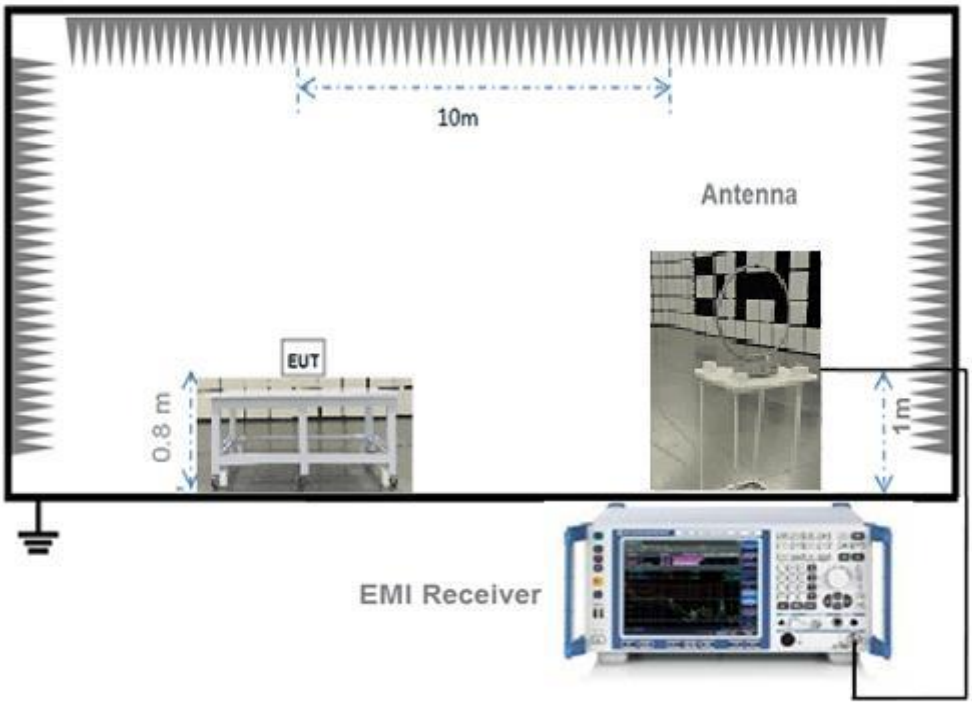
(Diagram 1)

4.5.2 For AC Power Supply Port Test



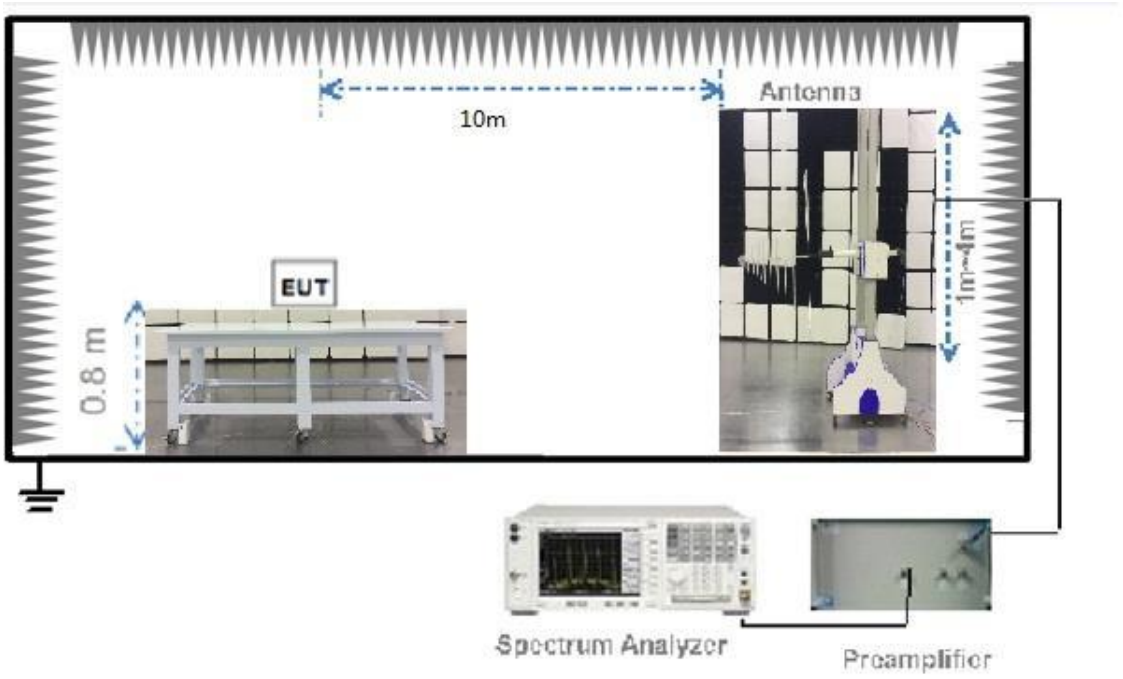
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



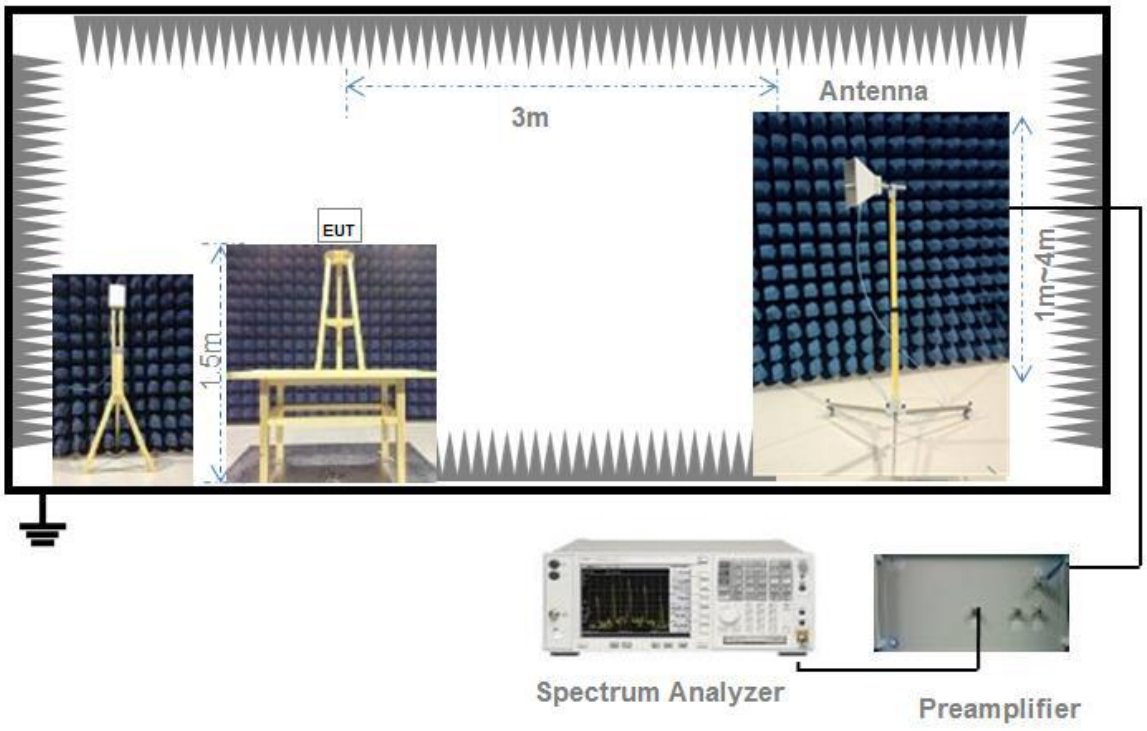
(Diagram 3)

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.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note: Where “B” is the 99% 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 ≥ 3*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 ≥ 3*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 ≥ 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 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	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.

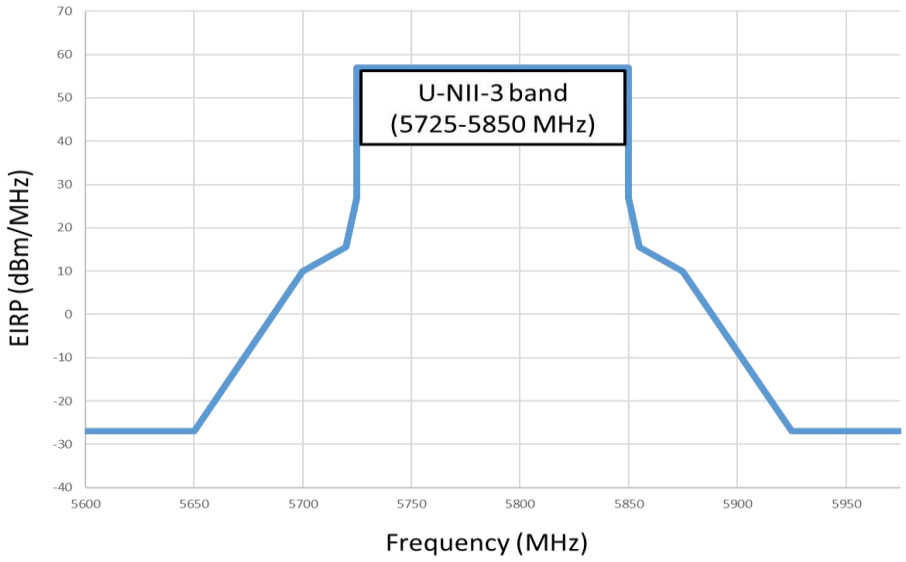
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x 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 ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (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 ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ 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 [2]: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.07	2.23	92.52%
11n (HT20)/11ac (VHT20)	1.93	2.13	90.92%
11n (HT40)/11ac (VHT40)	0.95	1.18	80.79%
11ac (VHT80)	0.46	0.67	68.58%

Test Data

Conducted Power

Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.05	20.18	155	Pass
11a	CH44	13.13	20.56	155	Pass
11a	CH48	13.27	21.23	155	Pass
11n (HT20)	CH36	13.17	20.75	155	Pass
11n (HT20)	CH44	13.01	20.00	155	Pass
11n (HT20)	CH48	13.27	21.23	155	Pass
11n (HT40)	CH38	13.94	24.77	155	Pass
11n (HT40)	CH46	13.94	24.77	155	Pass
11ac (VHT20)	CH36	12.69	24.66	155	Pass
11ac (VHT20)	CH44	12.88	22.75	155	Pass
11ac (VHT20)	CH48	13.30	23.55	155	Pass
11ac (VHT40)	CH38	13.25	21.13	155	Pass
11ac (VHT40)	CH46	13.95	24.83	155	Pass
11ac (VHT80)	CH42	11.85	15.31	155	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.65	23.17	695	Pass
11a	CH157	13.73	23.60	695	Pass
11a	CH165	13.66	23.23	695	Pass
11n (HT20)	CH149	13.82	24.10	695	Pass
11n (HT20)	CH157	13.73	23.60	695	Pass
11n (HT20)	CH165	13.76	23.77	695	Pass
11n (HT40)	CH151	13.82	24.10	695	Pass
11n (HT40)	CH159	13.85	24.27	695	Pass
11ac (VHT20)	CH149	13.55	22.65	695	Pass
11ac (VHT20)	CH157	13.68	23.33	695	Pass
11ac (VHT20)	CH165	13.51	22.44	695	Pass
11ac (VHT40)	CH151	13.68	23.33	695	Pass
11ac (VHT40)	CH159	13.94	24.77	695	Pass
11ac (VHT80)	CH155	13.55	22.65	695	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.58	22.80	250	Pass
11a	CH44	13.60	22.91	250	Pass
11a	CH48	13.70	23.44	250	Pass
11n (HT20)	CH36	13.71	23.50	250	Pass
11n (HT20)	CH44	13.69	23.39	250	Pass
11n (HT20)	CH48	13.75	23.71	250	Pass
11n (HT40)	CH38	13.93	24.72	250	Pass
11n (HT40)	CH46	13.78	23.88	250	Pass
11ac (VHT20)	CH36	13.57	22.75	250	Pass
11ac (VHT20)	CH44	13.62	23.01	250	Pass
11ac (VHT20)	CH48	13.75	23.71	250	Pass
11ac (VHT40)	CH38	13.80	23.99	250	Pass
11ac (VHT40)	CH46	13.94	24.77	250	Pass
11ac (VHT80)	CH42	13.78	23.88	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.58	22.80	1000	Pass
11a	CH157	13.35	21.63	1000	Pass
11a	CH165	13.47	22.23	1000	Pass
11n (HT20)	CH149	13.75	23.71	1000	Pass
11n (HT20)	CH157	13.56	22.70	1000	Pass
11n (HT20)	CH165	13.35	21.63	1000	Pass
11n (HT40)	CH151	13.94	24.77	1000	Pass
11n (HT40)	CH159	13.81	24.04	1000	Pass
11ac (VHT20)	CH149	13.52	22.49	1000	Pass
11ac (VHT20)	CH157	13.68	23.33	1000	Pass
11ac (VHT20)	CH165	13.64	23.12	1000	Pass
11ac (VHT40)	CH151	13.79	23.93	1000	Pass
11ac (VHT40)	CH159	13.72	23.55	1000	Pass
11ac (VHT80)	CH155	13.95	24.83	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	10.54	11.32	219	Pass
11n (HT20)	CH44	10.72	11.80	219	Pass
11n (HT20)	CH48	10.68	11.69	219	Pass
11n (HT40)	CH38	10.94	12.42	219	Pass
11n (HT40)	CH46	10.96	12.47	219	Pass
11ac (VHT20)	CH36	10.53	11.30	219	Pass
11ac (VHT20)	CH44	10.67	11.67	219	Pass
11ac (VHT20)	CH48	10.52	11.27	219	Pass
11ac (VHT40)	CH38	10.69	11.72	219	Pass
11ac (VHT40)	CH46	10.81	12.05	219	Pass
11ac (VHT80)	CH42	10.76	11.91	219	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	10.76	11.91	910	Pass
11n (HT20)	CH157	10.75	11.89	910	Pass
11n (HT20)	CH165	10.35	10.84	910	Pass
11n (HT40)	CH151	11.19	13.15	910	Pass
11n (HT40)	CH159	11.30	13.49	910	Pass
11ac (VHT20)	CH149	10.66	11.64	910	Pass
11ac (VHT20)	CH157	10.53	11.30	910	Pass
11ac (VHT20)	CH165	10.74	11.86	910	Pass
11ac (VHT40)	CH151	11.06	12.76	910	Pass
11ac (VHT40)	CH159	11.32	13.55	910	Pass
11ac (VHT80)	CH155	11.81	15.17	910	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	10.40	10.96	219	Pass
11n (HT20)	CH44	10.37	10.89	219	Pass
11n (HT20)	CH48	10.64	11.59	219	Pass
11n (HT40)	CH38	10.90	12.30	219	Pass
11n (HT40)	CH46	10.67	11.67	219	Pass
11ac (VHT20)	CH36	10.60	11.48	219	Pass
11ac (VHT20)	CH44	10.64	11.59	219	Pass
11ac (VHT20)	CH48	10.45	11.09	219	Pass
11ac (VHT40)	CH38	10.68	11.69	219	Pass
11ac (VHT40)	CH46	10.59	11.46	219	Pass
11ac (VHT80)	CH42	10.77	11.94	219	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	10.53	11.30	910	Pass
11n (HT20)	CH157	10.72	11.80	910	Pass
11n (HT20)	CH165	10.25	10.59	910	Pass
11n (HT40)	CH151	10.67	11.67	910	Pass
11n (HT40)	CH159	10.70	11.75	910	Pass
11ac (VHT20)	CH149	10.75	11.89	910	Pass
11ac (VHT20)	CH157	10.63	11.56	910	Pass
11ac (VHT20)	CH165	10.59	11.46	910	Pass
11ac (VHT40)	CH151	10.58	11.43	910	Pass
11ac (VHT40)	CH159	10.90	12.30	910	Pass
11ac (VHT80)	CH155	10.89	12.27	910	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	13.48	22.29	219	Pass
11n (HT20)	CH44	13.56	22.69	219	Pass
11n (HT20)	CH48	13.67	23.28	219	Pass
11n (HT40)	CH38	13.93	24.72	219	Pass
11n (HT40)	CH46	13.83	24.14	219	Pass
11ac (VHT20)	CH36	13.58	22.78	219	Pass
11ac (VHT20)	CH44	13.67	23.26	219	Pass
11ac (VHT20)	CH48	13.50	22.36	219	Pass
11ac (VHT40)	CH38	13.70	23.42	219	Pass
11ac (VHT40)	CH46	13.71	23.51	219	Pass
11ac (VHT80)	CH42	13.78	23.85	219	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	13.66	23.21	910	Pass
11n (HT20)	CH157	13.75	23.69	910	Pass
11n (HT20)	CH165	13.31	21.43	910	Pass
11n (HT40)	CH151	13.95	24.82	910	Pass
11n (HT40)	CH159	14.02	25.24	910	Pass
11ac (VHT20)	CH149	13.72	23.53	910	Pass
11ac (VHT20)	CH157	13.59	22.86	910	Pass
11ac (VHT20)	CH165	13.68	23.31	910	Pass
11ac (VHT40)	CH151	13.84	24.19	910	Pass
11ac (VHT40)	CH159	14.13	25.85	910	Pass
11ac (VHT80)	CH155	14.38	27.44	910	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2290476-603 Data Part 1.pdf”.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.54	16.35
11a	CH44	16.35	16.36
11a	CH48	20.36	16.37
11n (HT20)	CH36	19.40	17.52
11n (HT20)	CH44	20.78	17.54
11n (HT20)	CH48	19.49	17.54
11n (HT40)	CH38	41.29	36.18
11n (HT40)	CH46	44.01	36.25
11ac (VHT20)	CH36	19.42	17.53
11ac (VHT20)	CH44	19.45	17.55
11ac (VHT20)	CH48	19.60	17.55
11ac (VHT40)	CH38	42.13	36.20
11ac (VHT40)	CH46	42.15	36.21
11ac (VHT80)	CH42	97.31	75.25

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	40.00	22.97
11a	CH157	40.00	21.85
11a	CH165	37.44	20.24
11n (HT20)	CH149	40.00	23.97
11n (HT20)	CH157	39.87	22.66
11n (HT20)	CH165	39.71	21.14
11n (HT40)	CH151	80.00	49.84
11n (HT40)	CH159	80.00	44.94
11ac (VHT20)	CH149	40.00	24.31
11ac (VHT20)	CH157	40.00	23.54
11ac (VHT20)	CH165	40.00	21.34
11ac (VHT40)	CH151	80.00	50.85
11ac (VHT40)	CH159	80.00	44.89
11ac (VHT80)	CH155	156.30	100.53

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.51	16.33
11a	CH44	18.38	16.30
11a	CH48	18.43	16.31
11n (HT20)	CH36	19.35	17.49
11n (HT20)	CH44	19.39	17.49
11n (HT20)	CH48	19.33	17.49
11n (HT40)	CH38	41.23	36.13
11n (HT40)	CH46	41.19	36.20
11ac (VHT20)	CH36	19.46	17.50
11ac (VHT20)	CH44	19.36	17.50
11ac (VHT20)	CH48	19.41	17.49
11ac (VHT40)	CH38	41.37	36.17
11ac (VHT40)	CH46	40.99	36.14
11ac (VHT80)	CH42	81.54	74.90

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	18.47	16.33
11a	CH157	18.77	16.36
11a	CH165	18.51	16.33
11n (HT20)	CH149	19.37	17.50
11n (HT20)	CH157	19.45	17.51
11n (HT20)	CH165	19.34	17.49
11n (HT40)	CH151	41.50	36.14
11n (HT40)	CH159	41.15	36.25
11ac (VHT20)	CH149	19.41	17.50
11ac (VHT20)	CH157	19.43	17.50
11ac (VHT20)	CH165	19.50	17.51
11ac (VHT40)	CH151	41.60	36.21
11ac (VHT40)	CH159	41.34	36.24
11ac (VHT80)	CH155	81.76	75.03

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2290476-603 Data Part 2.pdf”.

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.40	500.00	Pass
11a	CH157	16.40	500.00	Pass
11a	CH165	16.15	500.00	Pass
11n (HT20)	CH149	17.65	500.00	Pass
11n (HT20)	CH157	17.15	500.00	Pass
11n (HT20)	CH165	17.00	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	17.00	500.00	Pass
11ac (VHT20)	CH157	17.40	500.00	Pass
11ac (VHT20)	CH165	17.00	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	73.90	500.00	Pass

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.40	500.00	Pass
11a	CH157	16.40	500.00	Pass
11a	CH165	16.40	500.00	Pass
11n (HT20)	CH149	17.60	500.00	Pass
11n (HT20)	CH157	17.40	500.00	Pass
11n (HT20)	CH165	17.40	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	17.60	500.00	Pass
11ac (VHT20)	CH157	17.70	500.00	Pass
11ac (VHT20)	CH165	17.60	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2290476-603 Data Part 3.pdf”.

Note [2]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.04	8.90	Pass
11a	CH44	1.42	8.90	Pass
11a	CH48	1.64	8.90	Pass
11n (HT20)	CH36	0.71	8.90	Pass
11n (HT20)	CH44	0.86	8.90	Pass
11n (HT20)	CH48	1.02	8.90	Pass
11n (HT40)	CH38	-1.54	8.90	Pass
11n (HT40)	CH46	0.14	8.90	Pass
11ac (VHT20)	CH36	0.66	8.90	Pass
11ac (VHT20)	CH44	1.01	8.90	Pass
11ac (VHT20)	CH48	1.28	8.90	Pass
11ac (VHT40)	CH38	-2.25	8.90	Pass
11ac (VHT40)	CH46	0.06	8.90	Pass
11ac (VHT80)	CH42	-7.01	8.90	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.76	28.42	Pass
11a	CH157	-1.07	28.42	Pass
11a	CH165	-0.69	28.42	Pass
11n (HT20)	CH149	-0.99	28.42	Pass
11n (HT20)	CH157	-1.28	28.42	Pass
11n (HT20)	CH165	-0.86	28.42	Pass
11n (HT40)	CH151	-3.94	28.42	Pass
11n (HT40)	CH159	-4.04	28.42	Pass
11ac (VHT20)	CH149	-1.11	28.42	Pass
11ac (VHT20)	CH157	-1.10	28.42	Pass
11ac (VHT20)	CH165	-0.96	28.42	Pass
11ac (VHT40)	CH151	-3.88	28.42	Pass
11ac (VHT40)	CH159	-4.10	28.42	Pass
11ac (VHT80)	CH155	-7.50	28.42	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.56	11.00	Pass
11a	CH44	2.41	11.00	Pass
11a	CH48	2.82	11.00	Pass
11n (HT20)	CH36	2.29	11.00	Pass
11n (HT20)	CH44	2.19	11.00	Pass
11n (HT20)	CH48	2.50	11.00	Pass
11n (HT40)	CH38	-0.21	11.00	Pass
11n (HT40)	CH46	-0.31	11.00	Pass
11ac (VHT20)	CH36	2.29	11.00	Pass
11ac (VHT20)	CH44	2.17	11.00	Pass
11ac (VHT20)	CH48	2.38	11.00	Pass
11ac (VHT40)	CH38	-0.48	11.00	Pass
11ac (VHT40)	CH46	-0.86	11.00	Pass
11ac (VHT80)	CH42	-4.82	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-3.30	30.00	Pass
11a	CH157	-3.27	30.00	Pass
11a	CH165	-2.85	30.00	Pass
11n (HT20)	CH149	-3.11	30.00	Pass
11n (HT20)	CH157	-3.27	30.00	Pass
11n (HT20)	CH165	-1.03	30.00	Pass
11n (HT40)	CH151	-3.75	30.00	Pass
11n (HT40)	CH159	-3.83	30.00	Pass
11ac (VHT20)	CH149	-0.89	30.00	Pass
11ac (VHT20)	CH157	-1.50	30.00	Pass
11ac (VHT20)	CH165	-1.25	30.00	Pass
11ac (VHT40)	CH151	-3.85	30.00	Pass
11ac (VHT40)	CH159	-3.76	30.00	Pass
11ac (VHT80)	CH155	-6.82	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	-0.19	10.40	Pass
11n (HT20)	CH44	-0.26	10.40	Pass
11n (HT20)	CH48	-0.04	10.40	Pass
11n (HT40)	CH38	-2.99	10.40	Pass
11n (HT40)	CH46	-2.70	10.40	Pass
11ac (VHT20)	CH36	-0.64	10.40	Pass
11ac (VHT20)	CH44	-0.74	10.40	Pass
11ac (VHT20)	CH48	-0.41	10.40	Pass
11ac (VHT40)	CH38	-3.27	10.40	Pass
11ac (VHT40)	CH46	-3.01	10.40	Pass
11ac (VHT80)	CH42	-6.39	10.40	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-4.24	29.59	Pass
11n (HT20)	CH157	-4.59	29.59	Pass
11n (HT20)	CH165	-3.95	29.59	Pass
11n (HT40)	CH151	-6.77	29.59	Pass
11n (HT40)	CH159	-7.06	29.59	Pass
11ac (VHT20)	CH149	-3.48	29.59	Pass
11ac (VHT20)	CH157	-3.46	29.59	Pass
11ac (VHT20)	CH165	-3.44	29.59	Pass
11ac (VHT40)	CH151	-6.19	29.59	Pass
11ac (VHT40)	CH159	-6.11	29.59	Pass
11ac (VHT80)	CH155	-10.33	29.59	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	-1.32	10.40	Pass
11n (HT20)	CH44	-1.52	10.40	Pass
11n (HT20)	CH48	-0.92	10.40	Pass
11n (HT40)	CH38	-4.16	10.40	Pass
11n (HT40)	CH46	-4.20	10.40	Pass
11ac (VHT20)	CH36	-1.53	10.40	Pass
11ac (VHT20)	CH44	-1.71	10.40	Pass
11ac (VHT20)	CH48	-1.09	10.40	Pass
11ac (VHT40)	CH38	-4.10	10.40	Pass
11ac (VHT40)	CH46	-3.51	10.40	Pass
11ac (VHT80)	CH42	-7.18	10.40	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-4.90	29.59	Pass
11n (HT20)	CH157	-4.81	29.59	Pass
11n (HT20)	CH165	-4.32	29.59	Pass
11n (HT40)	CH151	-7.03	29.59	Pass
11n (HT40)	CH159	-7.37	29.59	Pass
11ac (VHT20)	CH149	-4.84	29.59	Pass
11ac (VHT20)	CH157	-4.90	29.59	Pass
11ac (VHT20)	CH165	-4.41	29.59	Pass
11ac (VHT40)	CH151	-6.84	29.59	Pass
11ac (VHT40)	CH159	-7.41	29.59	Pass
11ac (VHT80)	CH155	-10.12	29.59	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	2.29	10.40	Pass
11n (HT20)	CH44	2.17	10.40	Pass
11n (HT20)	CH48	2.55	10.40	Pass
11n (HT40)	CH38	-0.52	10.40	Pass
11n (HT40)	CH46	-0.38	10.40	Pass
11ac (VHT20)	CH36	1.95	10.40	Pass
11ac (VHT20)	CH44	1.82	10.40	Pass
11ac (VHT20)	CH48	2.27	10.40	Pass
11ac (VHT40)	CH38	-0.66	10.40	Pass
11ac (VHT40)	CH46	-0.24	10.40	Pass
11ac (VHT80)	CH42	-3.76	10.40	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-1.55	29.59	Pass
11n (HT20)	CH157	-1.69	29.59	Pass
11n (HT20)	CH165	-1.12	29.59	Pass
11n (HT40)	CH151	-3.89	29.59	Pass
11n (HT40)	CH159	-4.20	29.59	Pass
11ac (VHT20)	CH149	-1.10	29.59	Pass
11ac (VHT20)	CH157	-1.11	29.59	Pass
11ac (VHT20)	CH165	-0.89	29.59	Pass
11ac (VHT40)	CH151	-3.49	29.59	Pass
11ac (VHT40)	CH159	-3.70	29.59	Pass
11ac (VHT80)	CH155	-7.22	29.59	Pass

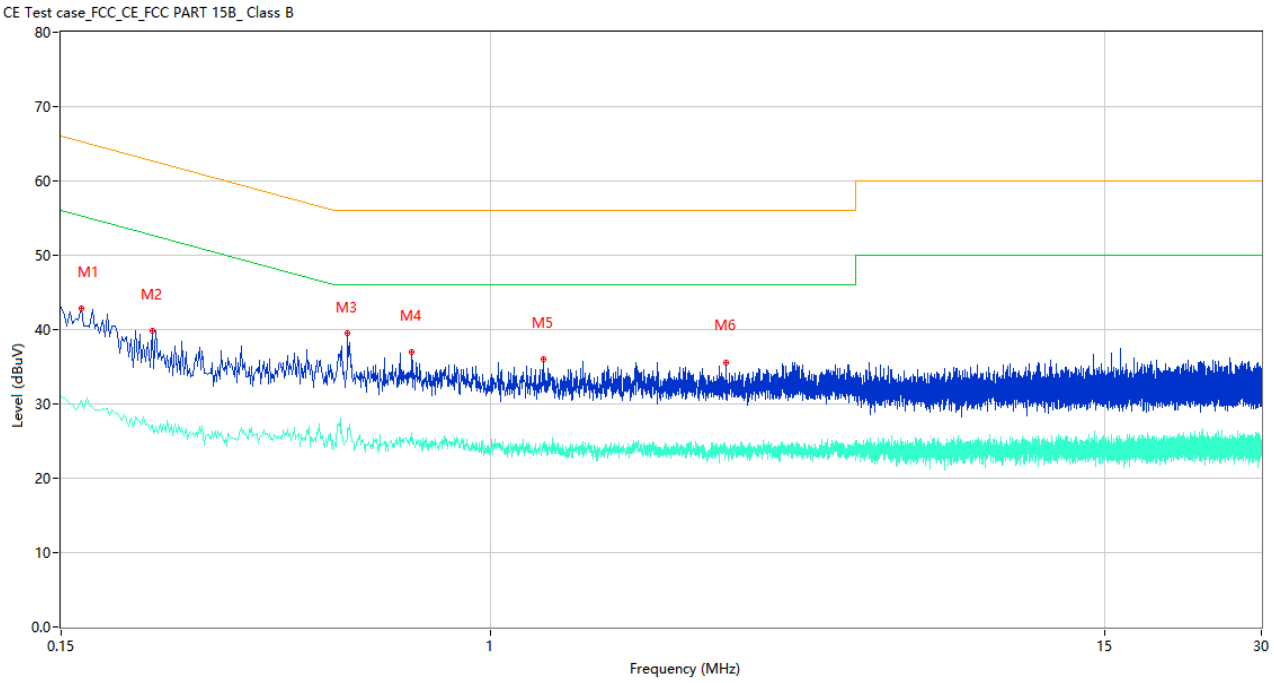
A.5 Conducted Emissions

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

Note [2]: 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.

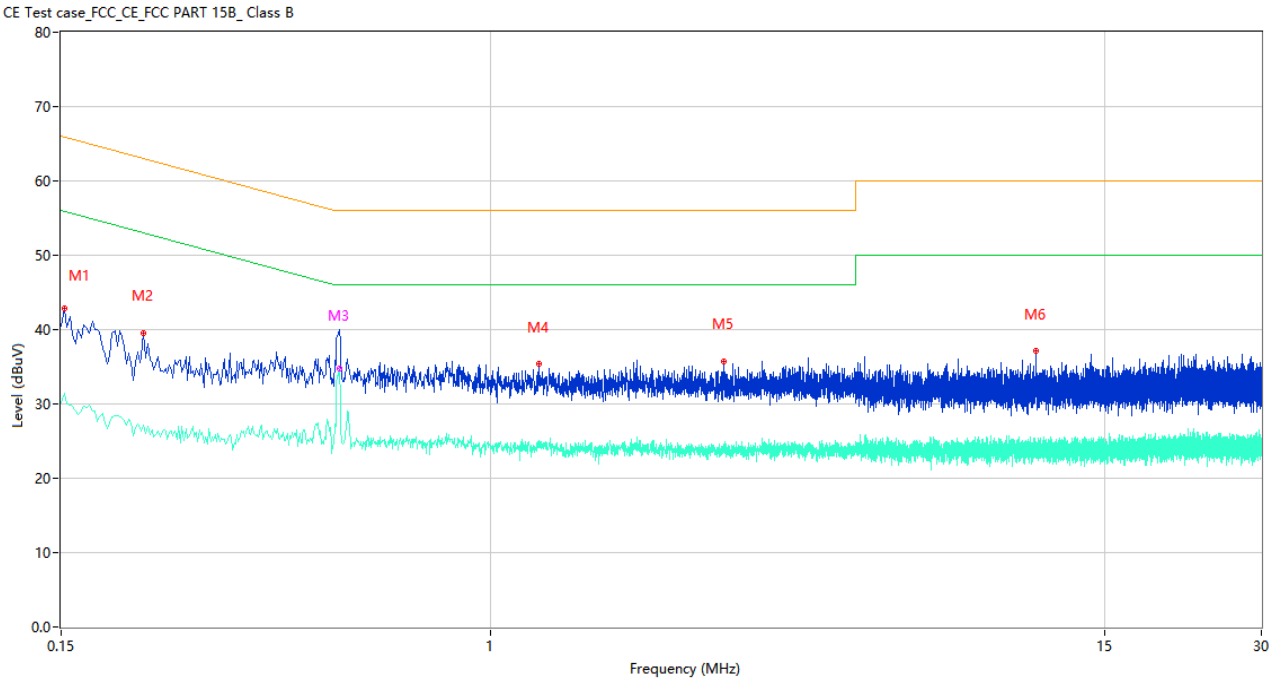
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	42.89	10.08	65.26	-22.37	Peak	L	Pass
1**	0.164	30.55	10.08	55.26	-24.71	AV	L	Pass
2	0.224	39.83	10.04	62.67	-22.84	Peak	L	Pass
2**	0.224	27.20	10.04	52.67	-25.47	AV	L	Pass
3	0.532	39.50	10.20	56.00	-16.50	Peak	L	Pass
3**	0.532	26.70	10.20	46.00	-19.30	AV	L	Pass
4	0.706	36.96	10.75	56.00	-19.04	Peak	L	Pass
4**	0.706	25.98	10.75	46.00	-20.02	AV	L	Pass
5	1.260	35.99	10.56	56.00	-20.01	Peak	L	Pass
5**	1.260	24.29	10.56	46.00	-21.71	AV	L	Pass
6	2.820	35.62	10.16	56.00	-20.38	Peak	L	Pass
6**	2.820	23.15	10.16	46.00	-22.85	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	42.79	10.09	65.89	-23.10	Peak	N	Pass
1**	0.152	31.44	10.09	55.89	-24.45	AV	N	Pass
2	0.216	39.53	10.04	62.97	-23.44	Peak	N	Pass
2**	0.216	27.12	10.04	52.97	-25.85	AV	N	Pass
3	0.512	39.95	10.18	56.00	-16.05	Peak	N	Pass
3**	0.512	34.83	10.18	46.00	-11.17	AV	N	Pass
4	1.234	35.32	10.39	56.00	-20.68	Peak	N	Pass
4**	1.234	25.01	10.39	46.00	-20.99	AV	N	Pass
5	2.796	35.76	10.46	56.00	-20.24	Peak	N	Pass
5**	2.796	23.49	10.46	46.00	-22.51	AV	N	Pass
6	11.086	37.12	10.45	60.00	-22.88	Peak	N	Pass
6**	11.086	24.79	10.45	50.00	-25.21	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.

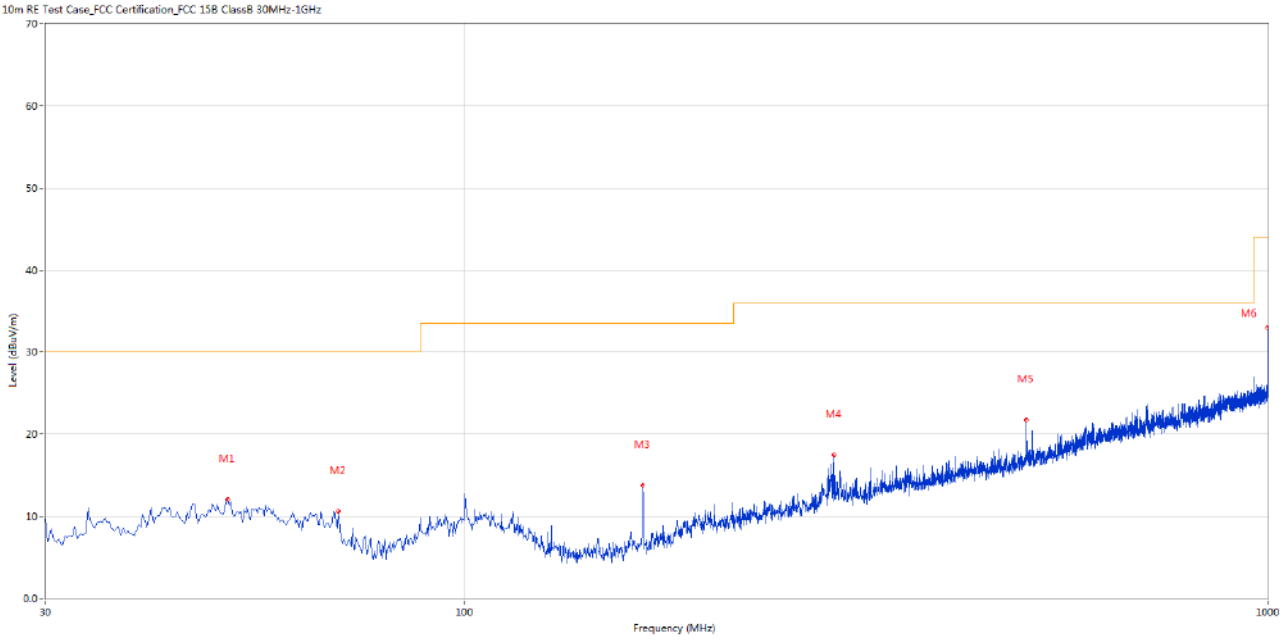
Note [2]: For the test data above 1 GHz， According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

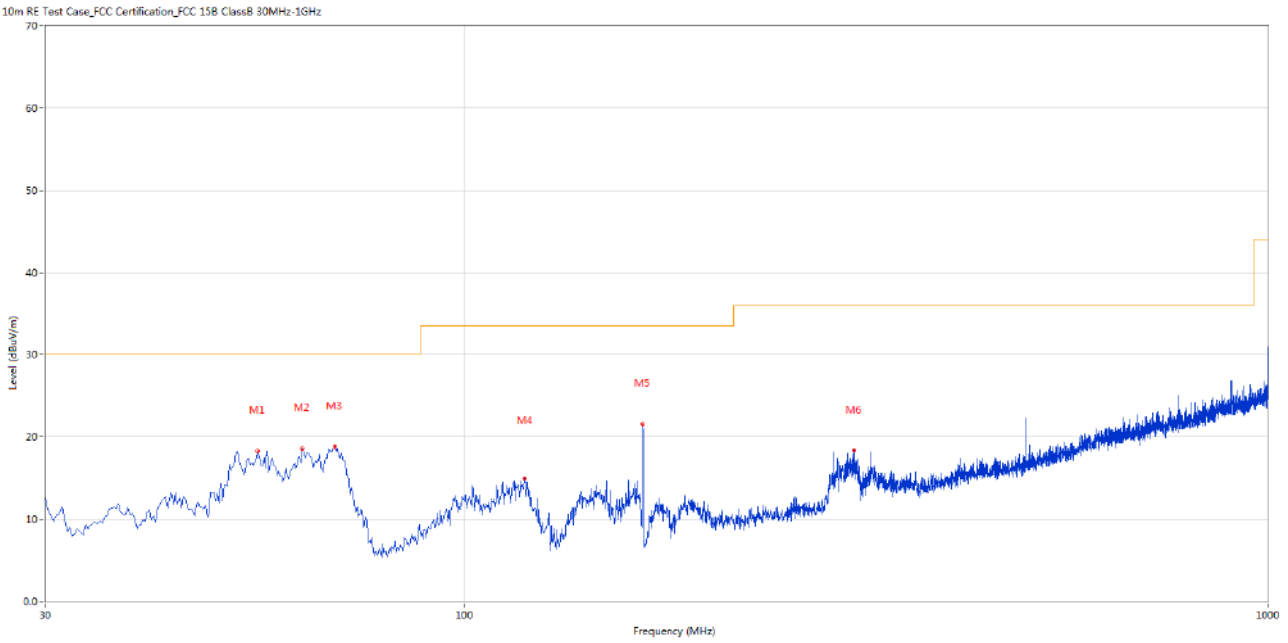
Note [5]: For Multiple transmitter output, the quantity *10 log (NANT)* dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding *10 log(NANT)* if the measurements are made relative to the in-band emissions on the individual outputs.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.607	12.02	-26.19	30.0	-17.98	Peak	151.00	100	Horizontal	Pass
2	69.518	10.64	-30.15	30.0	-19.36	Peak	129.00	100	Horizontal	Pass
3	166.493	13.81	-30.55	33.5	-19.69	Peak	360.00	200	Horizontal	Pass
4	287.956	17.45	-25.19	36.0	-18.55	Peak	182.00	200	Horizontal	Pass
5	499.848	21.78	-20.27	36.0	-14.22	Peak	269.00	200	Horizontal	Pass
6	1000.000	33.05	-11.26	44.0	-10.95	Peak	104.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.214	18.32	-26.63	30.0	-11.68	Peak	53.00	100	Vertical	Pass
2	62.729	18.62	-28.06	30.0	-11.38	Peak	105.00	200	Vertical	Pass
3	68.790	18.77	-29.70	30.0	-11.23	Peak	90.00	100	Vertical	Pass
4	118.490	14.94	-29.52	33.5	-18.56	Peak	202.00	100	Vertical	Pass
5	166.493	21.59	-30.55	33.5	-11.91	Peak	267.00	100	Vertical	Pass
6	305.654	18.35	-24.76	36.0	-17.65	Peak	220.00	100	Vertical	Pass

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

Main Antenna

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	1166.800	49.49	-17.91	74.0	-24.51	Peak	33.00	100	Horizontal	Pass
1**	1166.800	47.70	-17.91	54.0	-6.30	AV	33.00	100	Horizontal	Pass
2	4383.000	50.01	-2.93	74.0	-23.99	Peak	318.00	200	Horizontal	Pass
2**	4383.000	40.88	-2.93	54.0	-13.12	AV	318.00	200	Horizontal	Pass
3	5174.400	110.92	-1.90	--	--	Peak	131.00	150	Horizontal	N/A
3**	5174.400	102.72	-1.90	--	--	AV	131.00	150	Horizontal	N/A
4	7336.663	49.99	-3.46	74.0	-24.01	Peak	28.00	100	Horizontal	Pass
4**	7336.663	40.00	-3.46	54.0	-14.00	AV	28.00	100	Horizontal	Pass
5	11511.162	51.36	-0.25	74.0	-22.64	Peak	187.00	150	Horizontal	Pass
5**	11511.162	41.38	-0.25	54.0	-12.62	AV	187.00	150	Horizontal	Pass
6	15842.775	54.19	1.40	74.0	-19.81	Peak	71.00	200	Horizontal	Pass
6**	15842.775	44.87	1.40	54.0	-9.13	AV	71.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	44.62	-17.22	74.0	-29.38	Peak	125.00	400	Vertical	Pass
1**	1331.700	39.31	-17.22	54.0	-14.69	AV	125.00	400	Vertical	Pass
2	2248.300	42.55	-12.38	74.0	-31.45	Peak	335.00	100	Vertical	Pass
2**	2248.300	32.83	-12.38	54.0	-21.17	AV	335.00	100	Vertical	Pass
3	4915.800	52.34	-2.17	74.0	-21.66	Peak	360.00	200	Vertical	Pass
3**	4915.800	42.78	-2.17	54.0	-11.22	AV	360.00	200	Vertical	Pass
4	5181.600	102.45	-1.70	--	--	Peak	231.00	400	Vertical	N/A
4**	5181.600	94.60	-1.70	--	--	AV	231.00	400	Vertical	N/A
5	12211.800	50.62	1.08	74.0	-23.38	Peak	236.00	100	Vertical	Pass
5**	12211.800	42.41	1.08	54.0	-11.59	AV	236.00	100	Vertical	Pass
6	15820.200	54.23	1.87	74.0	-19.77	Peak	253.00	100	Vertical	Pass
6**	15820.200	44.16	1.87	54.0	-9.84	AV	253.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	48.23	-17.91	74.0	-25.77	Peak	233.00	100	Horizontal	Pass
1**	1166.400	46.09	-17.91	54.0	-7.91	AV	233.00	100	Horizontal	Pass
2	4347.200	50.56	-2.96	74.0	-23.44	Peak	5.00	100	Horizontal	Pass
2**	4347.200	40.85	-2.96	54.0	-13.15	AV	5.00	100	Horizontal	Pass
3	5223.800	109.07	-2.72	--	--	Peak	129.00	200	Horizontal	N/A
3**	5223.800	101.27	-2.72	--	--	AV	129.00	200	Horizontal	N/A
4	7378.062	49.37	-3.71	74.0	-24.63	Peak	235.00	300	Horizontal	Pass
4**	7378.062	41.43	-3.71	54.0	-12.57	AV	235.00	300	Horizontal	Pass
5	11213.312	51.56	-0.20	74.0	-22.44	Peak	60.00	200	Horizontal	Pass
5**	11213.312	41.95	-0.20	54.0	-12.05	AV	60.00	200	Horizontal	Pass
6	15841.463	53.76	1.42	74.0	-20.24	Peak	68.00	400	Horizontal	Pass
6**	15841.463	44.90	1.42	54.0	-9.10	AV	68.00	400	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	1495.200	40.60	-17.20	74.0	-33.40	Peak	93.00	100	Vertical	Pass
1**	1495.200	29.22	-17.20	54.0	-24.78	AV	93.00	100	Vertical	Pass
2	4367.600	50.71	-2.94	74.0	-23.29	Peak	70.00	300	Vertical	Pass
2**	4367.600	41.41	-2.94	54.0	-12.59	AV	70.00	300	Vertical	Pass
3	5221.600	101.65	-2.62	--	--	Peak	82.00	200	Vertical	N/A
3**	5221.600	94.17	-2.62	--	--	AV	82.00	200	Vertical	N/A
4	7375.763	49.39	-3.74	74.0	-24.61	Peak	79.00	100	Vertical	Pass
4**	7375.763	40.88	-3.74	54.0	-13.12	AV	79.00	100	Vertical	Pass
5	11533.013	51.30	-0.56	74.0	-22.70	Peak	360.00	150	Vertical	Pass
5**	11533.013	40.93	-0.56	54.0	-13.07	AV	360.00	150	Vertical	Pass
6	15840.412	53.84	1.44	74.0	-20.16	Peak	65.00	300	Vertical	Pass
6**	15840.412	45.21	1.44	54.0	-8.79	AV	65.00	300	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
1	1166.800	48.56	-17.91	74.0	-25.44	Peak	230.00	100	Horizontal	Pass
1**	1166.800	46.90	-17.91	54.0	-7.10	AV	230.00	100	Horizontal	Pass
2	4375.600	50.47	-2.97	74.0	-23.53	Peak	322.00	200	Horizontal	Pass
2**	4375.600	42.33	-2.97	54.0	-11.67	AV	322.00	200	Horizontal	Pass
3	5241.400	108.12	-1.93	--	--	Peak	130.00	200	Horizontal	N/A
3**	5241.400	100.04	-1.93	--	--	AV	130.00	200	Horizontal	N/A
4	7348.163	49.38	-3.85	74.0	-24.62	Peak	111.00	200	Horizontal	Pass
4**	7348.163	40.70	-3.85	54.0	-13.30	AV	111.00	200	Horizontal	Pass
5	10934.725	50.95	-0.01	74.0	-23.05	Peak	360.00	150	Horizontal	Pass
5**	10934.725	42.09	-0.01	54.0	-11.91	AV	360.00	150	Horizontal	Pass
6	15837.263	54.56	1.45	74.0	-19.44	Peak	308.00	100	Horizontal	Pass
6**	15837.263	44.77	1.45	54.0	-9.23	AV	308.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	43.90	-17.19	74.0	-30.10	Peak	95.00	300	Vertical	Pass
1**	1498.500	30.41	-17.19	54.0	-23.59	AV	95.00	300	Vertical	Pass
2	4377.600	50.00	-2.85	74.0	-24.00	Peak	188.00	300	Vertical	Pass
2**	4377.600	41.12	-2.85	54.0	-12.88	AV	188.00	300	Vertical	Pass
3	5245.600	100.10	-1.72	--	--	Peak	239.00	200	Vertical	N/A
3**	5245.600	92.62	-1.72	--	--	AV	239.00	200	Vertical	N/A
4	7352.475	49.34	-3.84	74.0	-24.66	Peak	315.00	300	Vertical	Pass
4**	7352.475	40.82	-3.84	54.0	-13.18	AV	315.00	300	Vertical	Pass
5	11521.225	51.04	-0.44	74.0	-22.96	Peak	61.00	100	Vertical	Pass
5**	11521.225	41.59	-0.44	54.0	-12.41	AV	61.00	100	Vertical	Pass
6	16118.662	53.57	0.63	74.0	-20.43	Peak	345.00	200	Vertical	Pass
6**	16118.662	44.77	0.63	54.0	-9.23	AV	345.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	47.88	-17.91	74.0	-26.12	Peak	131.00	100	Horizontal	Pass
1**	1166.600	45.92	-17.91	54.0	-8.08	AV	131.00	100	Horizontal	Pass
2	4352.000	50.09	-3.13	74.0	-23.91	Peak	73.00	300	Horizontal	Pass
2**	4352.000	40.35	-3.13	54.0	-13.65	AV	73.00	300	Horizontal	Pass
3	5183.800	109.12	-1.63	--	--	Peak	135.00	150	Horizontal	N/A
3**	5183.800	101.09	-1.63	--	--	AV	135.00	150	Horizontal	N/A
4	7271.400	49.45	-3.16	74.0	-24.55	Peak	28.00	300	Horizontal	Pass
4**	7271.400	40.17	-3.16	54.0	-13.83	AV	28.00	300	Horizontal	Pass
5	11593.675	51.63	-0.18	74.0	-22.37	Peak	124.00	150	Horizontal	Pass
5**	11593.675	42.51	-0.18	54.0	-11.49	AV	124.00	150	Horizontal	Pass
6	15830.175	54.19	1.49	74.0	-19.81	Peak	345.00	100	Horizontal	Pass
6**	15830.175	44.51	1.49	54.0	-9.49	AV	345.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	44.32	-17.20	74.0	-29.68	Peak	117.00	100	Vertical	Pass
1**	1331.800	33.77	-17.20	54.0	-20.23	AV	117.00	100	Vertical	Pass
2	4361.000	50.29	-2.64	74.0	-23.71	Peak	230.00	100	Vertical	Pass
2**	4361.000	40.84	-2.64	54.0	-13.16	AV	230.00	100	Vertical	Pass
3	5184.400	101.37	-1.55	--	--	Peak	230.00	200	Vertical	N/A
3**	5184.400	93.67	-1.55	--	--	AV	230.00	200	Vertical	N/A
4	7342.413	49.10	-3.65	74.0	-24.90	Peak	288.00	100	Vertical	Pass
4**	7342.413	40.47	-3.65	54.0	-13.53	AV	288.00	100	Vertical	Pass
5	12609.988	50.96	1.89	74.0	-23.04	Peak	28.00	100	Vertical	Pass
5**	12609.988	41.10	1.89	54.0	-12.90	AV	28.00	100	Vertical	Pass
6	15852.750	53.48	1.26	74.0	-20.52	Peak	0.00	300	Vertical	Pass
6**	15852.750	44.74	1.26	54.0	-9.26	AV	0.00	300	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	1166.800	47.47	-17.91	74.0	-26.53	Peak	126.00	100	Horizontal	Pass
1**	1166.800	46.21	-17.91	54.0	-7.79	AV	126.00	100	Horizontal	Pass
2	4359.400	49.92	-2.67	74.0	-24.08	Peak	200.00	300	Horizontal	Pass
2**	4359.400	42.01	-2.67	54.0	-11.99	AV	200.00	300	Horizontal	Pass
3	5222.000	108.25	-2.66	--	--	Peak	137.00	100	Horizontal	N/A
3**	5222.000	100.88	-2.66	--	--	AV	137.00	100	Horizontal	N/A
4	7337.812	49.17	-3.55	74.0	-24.83	Peak	267.00	200	Horizontal	Pass
4**	7337.812	39.81	-3.55	54.0	-14.19	AV	267.00	200	Horizontal	Pass
5	11205.550	51.28	-0.26	74.0	-22.72	Peak	314.00	150	Horizontal	Pass
5**	11205.550	42.80	-0.26	54.0	-11.20	AV	314.00	150	Horizontal	Pass
6	15856.950	53.69	1.09	74.0	-20.31	Peak	181.00	400	Horizontal	Pass
6**	15856.950	44.36	1.09	54.0	-9.64	AV	181.00	400	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	1166.200	44.25	-17.91	74.0	-29.75	Peak	83.00	100	Vertical	Pass
1**	1166.200	35.96	-17.91	54.0	-18.04	AV	83.00	100	Vertical	Pass
2	4353.200	50.53	-3.10	74.0	-23.47	Peak	219.00	200	Vertical	Pass
2**	4353.200	40.27	-3.10	54.0	-13.73	AV	219.00	200	Vertical	Pass
3	5216.200	100.85	-2.39	--	--	Peak	73.00	150	Vertical	N/A
3**	5216.200	92.44	-2.39	--	--	AV	73.00	150	Vertical	N/A
4	7356.788	49.28	-4.15	74.0	-24.72	Peak	235.00	400	Vertical	Pass
4**	7356.788	40.16	-4.15	54.0	-13.84	AV	235.00	400	Vertical	Pass
5	11205.550	51.66	-0.26	74.0	-22.34	Peak	125.00	100	Vertical	Pass
5**	11205.550	41.92	-0.26	54.0	-12.08	AV	125.00	100	Vertical	Pass
6	15856.687	54.17	1.10	74.0	-19.83	Peak	53.00	400	Vertical	Pass
6**	15856.687	44.36	1.10	54.0	-9.64	AV	53.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	49.41	-17.91	74.0	-24.59	Peak	131.00	100	Horizontal	Pass
1**	1166.800	46.15	-17.91	54.0	-7.85	AV	131.00	100	Horizontal	Pass
2	4352.000	50.08	-3.13	74.0	-23.92	Peak	104.00	400	Horizontal	Pass
2**	4352.000	40.67	-3.13	54.0	-13.33	AV	104.00	400	Horizontal	Pass
3	5237.200	108.47	-1.86	--	--	Peak	135.00	150	Horizontal	N/A
3**	5237.200	101.27	-1.86	--	--	AV	135.00	150	Horizontal	N/A
4	7381.225	49.48	-3.71	74.0	-24.52	Peak	284.00	200	Horizontal	Pass
4**	7381.225	41.32	-3.71	54.0	-12.68	AV	284.00	200	Horizontal	Pass
5	12211.225	51.26	1.06	74.0	-22.74	Peak	44.00	200	Horizontal	Pass
5**	12211.225	41.79	1.06	54.0	-12.21	AV	44.00	200	Horizontal	Pass
6	15818.100	54.00	1.95	74.0	-20.00	Peak	33.00	200	Horizontal	Pass
6**	15818.100	44.33	1.95	54.0	-9.67	AV	33.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	43.46	-17.28	74.0	-30.54	Peak	114.00	100	Vertical	Pass
1**	1329.700	31.74	-17.28	54.0	-22.26	AV	114.00	100	Vertical	Pass
2	4284.400	51.21	-3.06	74.0	-22.79	Peak	119.00	200	Vertical	Pass
2**	4284.400	41.12	-3.06	54.0	-12.88	AV	119.00	200	Vertical	Pass
3	5238.400	100.67	-1.86	--	--	Peak	240.00	150	Vertical	N/A
3**	5238.400	92.68	-1.86	--	--	AV	240.00	150	Vertical	N/A
4	7371.737	49.25	-3.87	74.0	-24.75	Peak	267.00	200	Vertical	Pass
4**	7371.737	40.20	-3.87	54.0	-13.80	AV	267.00	200	Vertical	Pass
5	12225.887	51.04	1.31	74.0	-22.96	Peak	139.00	200	Vertical	Pass
5**	12225.887	42.21	1.31	54.0	-11.79	AV	139.00	200	Vertical	Pass
6	16101.599	53.31	1.13	74.0	-20.69	Peak	107.00	300	Vertical	Pass
6**	16101.599	44.85	1.13	54.0	-9.15	AV	107.00	300	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	1166.300	47.98	-17.91	74.0	-26.02	Peak	138.00	100	Horizontal	Pass
1**	1166.300	45.22	-17.91	54.0	-8.78	AV	138.00	100	Horizontal	Pass
2	4375.800	50.60	-2.96	74.0	-23.40	Peak	116.00	400	Horizontal	Pass
2**	4375.800	41.58	-2.96	54.0	-12.42	AV	116.00	400	Horizontal	Pass
3	5186.600	106.70	-1.51	--	--	Peak	137.00	100	Horizontal	N/A
3**	5186.600	98.97	-1.51	--	--	AV	137.00	100	Horizontal	N/A
4	7375.187	49.56	-3.74	74.0	-24.44	Peak	93.00	100	Horizontal	Pass
4**	7375.187	40.49	-3.74	54.0	-13.51	AV	93.00	100	Horizontal	Pass
5	10926.387	51.21	0.14	74.0	-22.79	Peak	61.00	100	Horizontal	Pass
5**	10926.387	43.36	0.14	54.0	-10.64	AV	61.00	100	Horizontal	Pass
6	15856.950	53.83	1.09	74.0	-20.17	Peak	0.00	100	Horizontal	Pass
6**	15856.950	44.12	1.09	54.0	-9.88	AV	0.00	100	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	1328.500	42.78	-17.11	74.0	-31.22	Peak	360.00	100	Vertical	Pass
1**	1328.500	35.97	-17.11	54.0	-18.03	AV	360.00	100	Vertical	Pass
2	4384.600	50.31	-2.92	74.0	-23.69	Peak	237.00	300	Vertical	Pass
2**	4384.600	42.32	-2.92	54.0	-11.68	AV	237.00	300	Vertical	Pass
3	5192.400	99.45	-2.05	--	--	Peak	237.00	200	Vertical	N/A
3**	5192.400	91.94	-2.05	--	--	AV	237.00	200	Vertical	N/A
4	7379.500	49.58	-3.63	74.0	-24.42	Peak	170.00	400	Vertical	Pass
4**	7379.500	40.36	-3.63	54.0	-13.64	AV	170.00	400	Vertical	Pass
5	12219.563	51.48	1.22	74.0	-22.52	Peak	360.00	100	Vertical	Pass
5**	12219.563	42.87	1.22	54.0	-11.13	AV	360.00	100	Vertical	Pass
6	16095.825	53.76	1.30	74.0	-20.24	Peak	196.00	300	Vertical	Pass
6**	16095.825	44.48	1.30	54.0	-9.52	AV	196.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	49.25	-17.91	74.0	-24.75	Peak	126.00	100	Horizontal	Pass
1**	1166.900	46.04	-17.91	54.0	-7.96	AV	126.00	100	Horizontal	Pass
2	4356.800	50.19	-2.42	74.0	-23.81	Peak	341.00	200	Horizontal	Pass
2**	4356.800	42.19	-2.42	54.0	-11.81	AV	341.00	200	Horizontal	Pass
3	5225.600	106.53	-2.39	--	--	Peak	135.00	150	Horizontal	N/A
3**	5225.600	98.87	-2.39	--	--	AV	135.00	150	Horizontal	N/A
4	7353.625	49.66	-3.90	74.0	-24.34	Peak	333.00	300	Horizontal	Pass
4**	7353.625	40.55	-3.90	54.0	-13.45	AV	333.00	300	Horizontal	Pass
5	11209.287	51.21	-0.22	74.0	-22.79	Peak	349.00	150	Horizontal	Pass
5**	11209.287	42.13	-0.22	54.0	-11.87	AV	349.00	150	Horizontal	Pass
6	15863.250	54.64	0.85	74.0	-19.36	Peak	200.00	200	Horizontal	Pass
6**	15863.250	43.85	0.85	54.0	-10.15	AV	200.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	44.73	-17.16	74.0	-29.27	Peak	118.00	100	Vertical	Pass
1**	1328.900	39.01	-17.16	54.0	-14.99	AV	118.00	100	Vertical	Pass
2	4356.800	50.05	-2.42	74.0	-23.95	Peak	169.00	100	Vertical	Pass
2**	4356.800	42.11	-2.42	54.0	-11.89	AV	169.00	100	Vertical	Pass
3	5220.000	98.48	-2.75	--	--	Peak	77.00	100	Vertical	N/A
3**	5220.000	90.52	-2.75	--	--	AV	77.00	100	Vertical	N/A
4	7366.850	48.92	-4.02	74.0	-25.08	Peak	61.00	100	Vertical	Pass
4**	7366.850	40.75	-4.02	54.0	-13.25	AV	61.00	100	Vertical	Pass
5	12230.776	51.23	1.28	74.0	-22.77	Peak	268.00	100	Vertical	Pass
5**	12230.776	41.57	1.28	54.0	-12.43	AV	268.00	100	Vertical	Pass
6	16093.987	53.08	1.35	74.0	-20.92	Peak	51.00	200	Vertical	Pass
6**	16093.987	44.75	1.35	54.0	-9.25	AV	51.00	200	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	1166.500	47.91	-17.91	74.0	-26.09	Peak	127.00	100	Horizontal	Pass
1**	1166.500	45.41	-17.91	54.0	-8.59	AV	127.00	100	Horizontal	Pass
2	4375.000	50.44	-3.04	74.0	-23.56	Peak	14.00	200	Horizontal	Pass
2**	4375.000	41.18	-3.04	54.0	-12.82	AV	14.00	200	Horizontal	Pass
3	5182.800	109.03	-1.74	--	--	Peak	127.00	150	Horizontal	N/A
3**	5182.800	101.38	-1.74	--	--	AV	127.00	150	Horizontal	N/A
4	7340.400	49.28	-3.55	74.0	-24.72	Peak	112.00	300	Horizontal	Pass
4**	7340.400	41.13	-3.55	54.0	-12.87	AV	112.00	300	Horizontal	Pass
5	10624.513	51.70	-1.19	74.0	-22.30	Peak	64.00	150	Horizontal	Pass
5**	10624.513	41.48	-1.19	54.0	-12.52	AV	64.00	150	Horizontal	Pass
6	16099.500	54.14	1.21	74.0	-19.86	Peak	291.00	300	Horizontal	Pass
6**	16099.500	45.52	1.21	54.0	-8.48	AV	291.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	43.79	-17.20	74.0	-30.21	Peak	122.00	100	Vertical	Pass
1**	1331.800	29.15	-17.20	54.0	-24.85	AV	122.00	100	Vertical	Pass
2	4369.200	50.24	-2.70	74.0	-23.76	Peak	292.00	300	Vertical	Pass
2**	4369.200	41.37	-2.70	54.0	-12.63	AV	292.00	300	Vertical	Pass
3	5184.400	101.40	-1.55	--	--	Peak	241.00	200	Vertical	N/A
3**	5184.400	94.01	-1.55	--	--	AV	241.00	200	Vertical	N/A
4	7342.987	49.07	-3.61	74.0	-24.93	Peak	220.00	400	Vertical	Pass
4**	7342.987	40.78	-3.61	54.0	-13.22	AV	220.00	400	Vertical	Pass
5	11229.412	51.61	-0.28	74.0	-22.39	Peak	204.00	200	Vertical	Pass
5**	11229.412	41.95	-0.28	54.0	-12.05	AV	204.00	200	Vertical	Pass
6	15858.000	54.53	1.03	74.0	-19.47	Peak	234.00	400	Vertical	Pass
6**	15858.000	45.03	1.03	54.0	-8.97	AV	234.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	48.99	-17.91	74.0	-25.01	Peak	120.00	100	Horizontal	Pass
1**	1166.500	47.48	-17.91	54.0	-6.52	AV	120.00	100	Horizontal	Pass
2	4368.600	50.20	-2.78	74.0	-23.80	Peak	13.00	100	Horizontal	Pass
2**	4368.600	41.63	-2.78	54.0	-12.37	AV	13.00	100	Horizontal	Pass
3	5223.800	108.59	-2.72	--	--	Peak	230.00	200	Horizontal	N/A
3**	5223.800	100.95	-2.72	--	--	AV	230.00	200	Horizontal	N/A
4	7386.113	48.91	-3.92	74.0	-25.09	Peak	60.00	400	Horizontal	Pass
4**	7386.113	41.08	-3.92	54.0	-12.92	AV	60.00	400	Horizontal	Pass
5	12212.088	51.60	1.09	74.0	-22.40	Peak	156.00	150	Horizontal	Pass
5**	12212.088	42.66	1.09	54.0	-11.34	AV	156.00	150	Horizontal	Pass
6	15824.400	54.26	1.67	74.0	-19.74	Peak	31.00	300	Horizontal	Pass
6**	15824.400	44.14	1.67	54.0	-9.86	AV	31.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.900	43.59	-17.83	74.0	-30.41	Peak	94.00	100	Vertical	Pass
1**	1163.900	28.03	-17.83	54.0	-25.97	AV	94.00	100	Vertical	Pass
2	4376.400	50.86	-2.93	74.0	-23.14	Peak	178.00	400	Vertical	Pass
2**	4376.400	41.18	-2.93	54.0	-12.82	AV	178.00	400	Vertical	Pass
3	5217.600	101.14	-2.58	--	--	Peak	75.00	200	Vertical	N/A
3**	5217.600	93.50	-2.58	--	--	AV	75.00	200	Vertical	N/A
4	7335.225	49.30	-3.37	74.0	-24.70	Peak	75.00	300	Vertical	Pass
4**	7335.225	39.98	-3.37	54.0	-14.02	AV	75.00	300	Vertical	Pass
5	12217.550	51.56	1.20	74.0	-22.44	Peak	314.00	200	Vertical	Pass
5**	12217.550	42.32	1.20	54.0	-11.68	AV	314.00	200	Vertical	Pass
6	15849.600	53.79	1.33	74.0	-20.21	Peak	197.00	100	Vertical	Pass
6**	15849.600	45.10	1.33	54.0	-8.90	AV	197.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	47.45	-17.91	74.0	-26.55	Peak	125.00	100	Horizontal	Pass
1**	1166.600	45.92	-17.91	54.0	-8.08	AV	125.00	100	Horizontal	Pass
2	4359.600	50.95	-2.67	74.0	-23.05	Peak	64.00	100	Horizontal	Pass
2**	4359.600	41.28	-2.67	54.0	-12.72	AV	64.00	100	Horizontal	Pass
3	5242.800	108.02	-1.90	--	--	Peak	128.00	200	Horizontal	N/A
3**	5242.800	100.76	-1.90	--	--	AV	128.00	200	Horizontal	N/A
4	7345.288	48.98	-3.70	74.0	-25.02	Peak	109.00	100	Horizontal	Pass
4**	7345.288	40.61	-3.70	54.0	-13.39	AV	109.00	100	Horizontal	Pass
5	11605.463	51.19	-0.00	74.0	-22.81	Peak	191.00	150	Horizontal	Pass
5**	11605.463	41.70	-0.00	54.0	-12.30	AV	191.00	150	Horizontal	Pass
6	15831.224	54.04	1.48	74.0	-19.96	Peak	217.00	400	Horizontal	Pass
6**	15831.224	44.75	1.48	54.0	-9.25	AV	217.00	400	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	1332.500	44.17	-17.10	74.0	-29.83	Peak	124.00	100	Vertical	Pass
1**	1332.500	30.97	-17.10	54.0	-23.03	AV	124.00	100	Vertical	Pass
2	4380.600	50.28	-3.02	74.0	-23.72	Peak	82.00	100	Vertical	Pass
2**	4380.600	41.01	-3.02	54.0	-12.99	AV	82.00	100	Vertical	Pass
3	5238.200	100.38	-1.86	--	--	Peak	237.00	100	Vertical	N/A
3**	5238.200	92.83	-1.86	--	--	AV	237.00	100	Vertical	N/A
4	7378.062	49.06	-3.71	74.0	-24.94	Peak	76.00	100	Vertical	Pass
4**	7378.062	41.14	-3.71	54.0	-12.86	AV	76.00	100	Vertical	Pass
5	11830.862	51.24	1.19	74.0	-22.76	Peak	238.00	150	Vertical	Pass
5**	11830.862	40.84	1.19	54.0	-13.16	AV	238.00	150	Vertical	Pass
6	15832.537	53.73	1.47	74.0	-20.27	Peak	308.00	400	Vertical	Pass
6**	15832.537	44.33	1.47	54.0	-9.67	AV	308.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	47.53	-17.91	74.0	-26.47	Peak	218.00	100	Horizontal	Pass
1**	1166.300	44.01	-17.91	54.0	-9.99	AV	218.00	100	Horizontal	Pass
2	4357.200	51.19	-2.48	74.0	-22.81	Peak	213.00	400	Horizontal	Pass
2**	4357.200	41.94	-2.48	54.0	-12.06	AV	213.00	400	Horizontal	Pass
3	5182.600	106.81	-1.74	--	--	Peak	141.00	200	Horizontal	N/A
3**	5182.600	99.77	-1.74	--	--	AV	141.00	200	Horizontal	N/A
4	7377.775	49.14	-3.71	74.0	-24.86	Peak	221.00	100	Horizontal	Pass
4**	7377.775	40.51	-3.71	54.0	-13.49	AV	221.00	100	Horizontal	Pass
5	11598.850	51.77	-0.09	74.0	-22.23	Peak	206.00	100	Horizontal	Pass
5**	11598.850	42.78	-0.09	54.0	-11.22	AV	206.00	100	Horizontal	Pass
6	15831.224	53.85	1.48	74.0	-20.15	Peak	142.00	400	Horizontal	Pass
6**	15831.224	44.63	1.48	54.0	-9.37	AV	142.00	400	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	1331.500	43.26	-17.25	74.0	-30.74	Peak	360.00	100	Vertical	Pass
1**	1331.500	33.26	-17.25	54.0	-20.74	AV	360.00	100	Vertical	Pass
2	4391.200	50.15	-3.36	74.0	-23.85	Peak	59.00	300	Vertical	Pass
2**	4391.200	41.37	-3.36	54.0	-12.63	AV	59.00	300	Vertical	Pass
3	5201.600	98.47	-1.99	--	--	Peak	253.00	200	Vertical	N/A
3**	5201.600	90.51	-1.99	--	--	AV	253.00	200	Vertical	N/A
4	7374.612	49.72	-3.75	74.0	-24.28	Peak	267.00	100	Vertical	Pass
4**	7374.612	40.65	-3.75	54.0	-13.35	AV	267.00	100	Vertical	Pass
5	12604.812	51.22	1.92	74.0	-22.78	Peak	360.00	150	Vertical	Pass
5**	12604.812	41.27	1.92	54.0	-12.73	AV	360.00	150	Vertical	Pass
6	15841.463	54.55	1.42	74.0	-19.45	Peak	360.00	100	Vertical	Pass
6**	15841.463	45.65	1.42	54.0	-8.35	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	46.69	-17.91	74.0	-27.31	Peak	144.00	100	Horizontal	Pass
1**	1166.700	45.52	-17.91	54.0	-8.48	AV	144.00	100	Horizontal	Pass
2	4372.000	50.12	-3.06	74.0	-23.88	Peak	360.00	100	Horizontal	Pass
2**	4372.000	41.10	-3.06	54.0	-12.90	AV	360.00	100	Horizontal	Pass
3	5235.400	106.35	-1.92	--	--	Peak	130.00	150	Horizontal	N/A
3**	5235.400	98.75	-1.92	--	--	AV	130.00	150	Horizontal	N/A
4	7361.388	49.50	-4.01	74.0	-24.50	Peak	268.00	200	Horizontal	Pass
4**	7361.388	39.94	-4.01	54.0	-14.06	AV	268.00	200	Horizontal	Pass
5	11596.838	51.62	-0.13	74.0	-22.38	Peak	140.00	200	Horizontal	Pass
5**	11596.838	41.61	-0.13	54.0	-12.39	AV	140.00	200	Horizontal	Pass
6	15856.425	53.11	1.12	74.0	-20.89	Peak	70.00	400	Horizontal	Pass
6**	15856.425	45.02	1.12	54.0	-8.98	AV	70.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.800	38.62	-17.33	74.0	-35.38	Peak	267.00	400	Vertical	Pass
1**	1568.800	28.97	-17.33	54.0	-25.03	AV	267.00	400	Vertical	Pass
2	4355.600	49.67	-2.62	74.0	-24.33	Peak	293.00	300	Vertical	Pass
2**	4355.600	40.87	-2.62	54.0	-13.13	AV	293.00	300	Vertical	Pass
3	5235.000	95.80	-1.96	--	--	Peak	242.00	100	Vertical	N/A
3**	5235.000	87.88	-1.96	--	--	AV	242.00	100	Vertical	N/A
4	7361.962	49.40	-4.01	74.0	-24.60	Peak	11.00	200	Vertical	Pass
4**	7361.962	40.83	-4.01	54.0	-13.17	AV	11.00	200	Vertical	Pass
5	11225.675	51.41	-0.23	74.0	-22.59	Peak	300.00	100	Vertical	Pass
5**	11225.675	42.36	-0.23	54.0	-11.64	AV	300.00	100	Vertical	Pass
6	15834.112	54.39	1.46	74.0	-19.61	Peak	0.00	400	Vertical	Pass
6**	15834.112	45.09	1.46	54.0	-8.91	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	48.04	-17.91	74.0	-25.96	Peak	123.00	100	Horizontal	Pass
1**	1166.600	45.49	-17.91	54.0	-8.51	AV	123.00	100	Horizontal	Pass
2	4387.200	49.80	-2.99	74.0	-24.20	Peak	129.00	300	Horizontal	Pass
2**	4387.200	41.55	-2.99	54.0	-12.45	AV	129.00	300	Horizontal	Pass
3	5195.200	103.48	-2.22	--	--	Peak	140.00	200	Horizontal	N/A
3**	5195.200	96.43	-2.22	--	--	AV	140.00	200	Horizontal	N/A
4	7378.350	49.55	-3.69	74.0	-24.45	Peak	345.00	100	Horizontal	Pass
4**	7378.350	40.51	-3.69	54.0	-13.49	AV	345.00	100	Horizontal	Pass
5	12233.650	50.96	1.20	74.0	-23.04	Peak	18.00	200	Horizontal	Pass
5**	12233.650	41.97	1.20	54.0	-12.03	AV	18.00	200	Horizontal	Pass
6	15850.651	53.61	1.31	74.0	-20.39	Peak	57.00	400	Horizontal	Pass
6**	15850.651	45.55	1.31	54.0	-8.45	AV	57.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	43.25	-17.91	74.0	-30.75	Peak	39.00	100	Vertical	Pass
1**	1166.800	40.86	-17.91	54.0	-13.14	AV	39.00	100	Vertical	Pass
2	4198.400	49.80	-4.24	74.0	-24.20	Peak	234.00	300	Vertical	Pass
2**	4198.400	41.12	-4.24	54.0	-12.88	AV	234.00	300	Vertical	Pass
3	5202.000	94.96	-2.00	--	--	Peak	245.00	100	Vertical	N/A
3**	5202.000	86.68	-2.00	--	--	AV	245.00	100	Vertical	N/A
4	7340.975	51.30	-3.60	74.0	-22.70	Peak	6.00	400	Vertical	Pass
4**	7340.975	39.66	-3.60	54.0	-14.34	AV	6.00	400	Vertical	Pass
5	11213.887	51.32	-0.19	74.0	-22.68	Peak	69.00	150	Vertical	Pass
5**	11213.887	42.47	-0.19	54.0	-11.53	AV	69.00	150	Vertical	Pass
6	15856.162	53.10	1.13	74.0	-20.90	Peak	346.00	300	Vertical	Pass
6**	15856.162	44.00	1.13	54.0	-10.00	AV	346.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	47.82	-17.91	74.0	-26.18	Peak	43.00	100	Horizontal	Pass
1**	1166.800	45.59	-17.91	54.0	-8.41	AV	43.00	100	Horizontal	Pass
2	4355.600	49.67	-2.62	74.0	-24.33	Peak	140.00	400	Horizontal	Pass
2**	4355.600	42.22	-2.62	54.0	-11.78	AV	140.00	400	Horizontal	Pass
3	5746.400	108.80	-1.33	--	--	Peak	150.00	150	Horizontal	N/A
3**	5746.400	102.02	-1.33	--	--	AV	150.00	150	Horizontal	N/A
4	7336.375	49.50	-3.43	74.0	-24.50	Peak	22.00	200	Horizontal	Pass
4**	7336.375	40.19	-3.43	54.0	-13.81	AV	22.00	200	Horizontal	Pass
5	11224.237	51.41	-0.22	74.0	-22.59	Peak	91.00	200	Horizontal	Pass
5**	11224.237	42.52	-0.22	54.0	-11.48	AV	91.00	200	Horizontal	Pass
6	15850.125	53.10	1.33	74.0	-20.90	Peak	136.00	100	Horizontal	Pass
6**	15850.125	45.35	1.33	54.0	-8.65	AV	136.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.500	39.31	-17.42	74.0	-34.69	Peak	9.00	200	Vertical	Pass
1**	1614.500	29.00	-17.42	54.0	-25.00	AV	9.00	200	Vertical	Pass
2	4361.400	50.32	-2.63	74.0	-23.68	Peak	279.00	300	Vertical	Pass
2**	4361.400	40.63	-2.63	54.0	-13.37	AV	279.00	300	Vertical	Pass
3	5746.600	99.20	-1.35	--	--	Peak	160.00	150	Vertical	N/A
3**	5746.600	90.98	-1.35	--	--	AV	160.00	150	Vertical	N/A
4	7378.350	49.94	-3.69	74.0	-24.06	Peak	0.00	400	Vertical	Pass
4**	7378.350	40.21	-3.69	54.0	-13.79	AV	0.00	400	Vertical	Pass
5	11497.650	51.81	0.05	74.0	-22.19	Peak	0.00	150	Vertical	Pass
5**	11497.650	41.07	0.05	54.0	-12.93	AV	0.00	150	Vertical	Pass
6	15832.800	53.25	1.47	74.0	-20.75	Peak	278.00	400	Vertical	Pass
6**	15832.800	44.42	1.47	54.0	-9.58	AV	278.00	400	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	1166.200	47.63	-17.91	74.0	-26.37	Peak	141.00	100	Horizontal	Pass
1**	1166.200	44.17	-17.91	54.0	-9.83	AV	141.00	100	Horizontal	Pass
2	4364.200	50.72	-2.76	74.0	-23.28	Peak	360.00	400	Horizontal	Pass
2**	4364.200	42.16	-2.76	54.0	-11.84	AV	360.00	400	Horizontal	Pass
3	5787.000	109.47	-1.07	--	--	Peak	154.00	150	Horizontal	N/A
3**	5787.000	101.02	-1.07	--	--	AV	154.00	150	Horizontal	N/A
4	7350.462	49.58	-3.88	74.0	-24.42	Peak	218.00	300	Horizontal	Pass
4**	7350.462	39.88	-3.88	54.0	-14.12	AV	218.00	300	Horizontal	Pass
5	10929.263	51.86	0.10	74.0	-22.14	Peak	56.00	150	Horizontal	Pass
5**	10929.263	42.17	0.10	54.0	-11.83	AV	56.00	150	Horizontal	Pass
6	16083.225	53.32	1.57	74.0	-20.68	Peak	0.00	300	Horizontal	Pass
6**	16083.225	44.24	1.57	54.0	-9.76	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	43.06	-17.91	74.0	-30.94	Peak	42.00	100	Vertical	Pass
1**	1166.700	40.99	-17.91	54.0	-13.01	AV	42.00	100	Vertical	Pass
2	4369.600	50.64	-2.75	74.0	-23.36	Peak	28.00	100	Vertical	Pass
2**	4369.600	41.78	-2.75	54.0	-12.22	AV	28.00	100	Vertical	Pass
3	5786.600	99.02	-0.95	--	--	Peak	159.00	100	Vertical	N/A
3**	5786.600	91.12	-0.95	--	--	AV	159.00	100	Vertical	N/A
4	7380.938	49.27	-3.68	74.0	-24.73	Peak	0.00	400	Vertical	Pass
4**	7380.938	40.63	-3.68	54.0	-13.37	AV	0.00	400	Vertical	Pass
5	11570.388	51.42	-0.39	74.0	-22.58	Peak	75.00	150	Vertical	Pass
5**	11570.388	42.76	-0.39	54.0	-11.24	AV	75.00	150	Vertical	Pass
6	15857.738	53.26	1.05	74.0	-20.74	Peak	107.00	200	Vertical	Pass
6**	15857.738	44.23	1.05	54.0	-9.77	AV	107.00	200	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	1166.500	47.70	-17.91	74.0	-26.30	Peak	61.00	100	Horizontal	Pass
1**	1166.500	45.85	-17.91	54.0	-8.15	AV	61.00	100	Horizontal	Pass
2	4205.200	49.89	-4.59	74.0	-24.11	Peak	235.00	300	Horizontal	Pass
2**	4205.200	39.80	-4.59	54.0	-14.20	AV	235.00	300	Horizontal	Pass
3	5822.200	108.85	-1.54	--	--	Peak	147.00	150	Horizontal	N/A
3**	5822.200	100.91	-1.54	--	--	AV	147.00	150	Horizontal	N/A
4	7355.925	49.55	-4.08	74.0	-24.45	Peak	4.00	400	Horizontal	Pass
4**	7355.925	41.21	-4.08	54.0	-12.79	AV	4.00	400	Horizontal	Pass
5	12293.450	52.02	1.60	74.0	-21.98	Peak	0.00	100	Horizontal	Pass
5**	12293.450	41.52	1.60	54.0	-12.48	AV	0.00	100	Horizontal	Pass
6	15867.187	53.28	0.73	74.0	-20.72	Peak	204.00	100	Horizontal	Pass
6**	15867.187	43.70	0.73	54.0	-10.30	AV	204.00	100	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	1166.500	43.71	-17.91	74.0	-30.29	Peak	92.00	100	Vertical	Pass
1**	1166.500	40.07	-17.91	54.0	-13.93	AV	92.00	100	Vertical	Pass
2	4394.400	49.67	-3.38	74.0	-24.33	Peak	143.00	100	Vertical	Pass
2**	4394.400	39.94	-3.38	54.0	-14.06	AV	143.00	100	Vertical	Pass
3	5829.400	100.27	-1.16	--	--	Peak	165.00	100	Vertical	N/A
3**	5829.400	92.50	-1.16	--	--	AV	165.00	100	Vertical	N/A
4	7374.612	49.66	-3.75	74.0	-24.34	Peak	299.00	200	Vertical	Pass
4**	7374.612	40.55	-3.75	54.0	-13.45	AV	299.00	200	Vertical	Pass
5	11223.950	51.07	-0.22	74.0	-22.93	Peak	14.00	150	Vertical	Pass
5**	11223.950	43.63	-0.22	54.0	-10.37	AV	14.00	150	Vertical	Pass
6	15846.187	53.99	1.36	74.0	-20.01	Peak	135.00	200	Vertical	Pass
6**	15846.187	44.98	1.36	54.0	-9.02	AV	135.00	200	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	1166.600	47.10	-17.91	74.0	-26.90	Peak	114.00	100	Horizontal	Pass
1**	1166.600	45.45	-17.91	54.0	-8.55	AV	114.00	100	Horizontal	Pass
2	4379.200	50.16	-2.98	74.0	-23.84	Peak	206.00	200	Horizontal	Pass
2**	4379.200	41.18	-2.98	54.0	-12.82	AV	206.00	200	Horizontal	Pass
3	5752.000	108.96	-1.12	--	--	Peak	152.00	100	Horizontal	N/A
3**	5752.000	100.66	-1.12	--	--	AV	152.00	100	Horizontal	N/A
4	7660.100	49.73	-2.83	74.0	-24.27	Peak	219.00	400	Horizontal	Pass
4**	7660.100	42.67	-2.83	54.0	-11.33	AV	219.00	400	Horizontal	Pass
5	10939.037	52.00	-0.05	74.0	-22.00	Peak	251.00	150	Horizontal	Pass
5**	10939.037	42.41	-0.05	54.0	-11.59	AV	251.00	150	Horizontal	Pass
6	16099.500	53.74	1.21	74.0	-20.26	Peak	253.00	300	Horizontal	Pass
6**	16099.500	43.71	1.21	54.0	-10.29	AV	253.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	44.33	-17.32	74.0	-29.67	Peak	114.00	100	Vertical	Pass
1**	1331.000	29.65	-17.32	54.0	-24.35	AV	114.00	100	Vertical	Pass
2	4347.400	49.75	-2.97	74.0	-24.25	Peak	114.00	100	Vertical	Pass
2**	4347.400	41.45	-2.97	54.0	-12.55	AV	114.00	100	Vertical	Pass
3	5751.600	98.57	-1.15	--	--	Peak	166.00	200	Vertical	N/A
3**	5751.600	90.36	-1.15	--	--	AV	166.00	200	Vertical	N/A
4	7740.025	50.48	-3.17	74.0	-23.52	Peak	72.00	400	Vertical	Pass
4**	7740.025	39.99	-3.17	54.0	-14.01	AV	72.00	400	Vertical	Pass
5	11220.213	51.69	-0.21	74.0	-22.31	Peak	120.00	150	Vertical	Pass
5**	11220.213	42.81	-0.21	54.0	-11.19	AV	120.00	150	Vertical	Pass
6	15852.225	53.06	1.27	74.0	-20.94	Peak	235.00	300	Vertical	Pass
6**	15852.225	46.01	1.27	54.0	-7.99	AV	235.00	300	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	1166.500	47.03	-17.91	74.0	-26.97	Peak	132.00	100	Horizontal	Pass
1**	1166.500	45.72	-17.91	54.0	-8.28	AV	132.00	100	Horizontal	Pass
2	4154.600	49.51	-4.49	74.0	-24.49	Peak	71.00	100	Horizontal	Pass
2**	4154.600	39.80	-4.49	54.0	-14.20	AV	71.00	100	Horizontal	Pass
3	5792.200	109.09	-1.65	--	--	Peak	141.00	150	Horizontal	N/A
3**	5792.200	100.83	-1.65	--	--	AV	141.00	150	Horizontal	N/A
4	7379.212	49.47	-3.65	74.0	-24.53	Peak	28.00	200	Horizontal	Pass
4**	7379.212	40.70	-3.65	54.0	-13.30	AV	28.00	200	Horizontal	Pass
5	10924.375	51.27	0.17	74.0	-22.73	Peak	12.00	200	Horizontal	Pass
5**	10924.375	42.52	0.17	54.0	-11.48	AV	12.00	200	Horizontal	Pass
6	15841.724	53.92	1.42	74.0	-20.08	Peak	109.00	100	Horizontal	Pass
6**	15841.724	44.91	1.42	54.0	-9.09	AV	109.00	100	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	1166.200	42.86	-17.91	74.0	-31.14	Peak	104.00	100	Vertical	Pass
1**	1166.200	37.63	-17.91	54.0	-16.37	AV	104.00	100	Vertical	Pass
2	4288.200	49.58	-4.00	74.0	-24.42	Peak	230.00	100	Vertical	Pass
2**	4288.200	39.74	-4.00	54.0	-14.26	AV	230.00	100	Vertical	Pass
3	5786.600	102.29	-0.95	--	--	Peak	190.00	150	Vertical	N/A
3**	5786.600	94.14	-0.95	--	--	AV	190.00	150	Vertical	N/A
4	7368.862	49.35	-4.07	74.0	-24.65	Peak	251.00	100	Vertical	Pass
4**	7368.862	40.11	-4.07	54.0	-13.89	AV	251.00	100	Vertical	Pass
5	11559.463	52.20	-0.45	74.0	-21.80	Peak	92.00	200	Vertical	Pass
5**	11559.463	41.67	-0.45	54.0	-12.33	AV	92.00	200	Vertical	Pass
6	15830.175	54.47	1.49	74.0	-19.53	Peak	0.00	200	Vertical	Pass
6**	15830.175	44.69	1.49	54.0	-9.31	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	47.58	-17.91	74.0	-26.42	Peak	128.00	100	Horizontal	Pass
1**	1166.700	46.11	-17.91	54.0	-7.89	AV	128.00	100	Horizontal	Pass
2	3681.200	48.70	-5.74	74.0	-25.30	Peak	55.00	100	Horizontal	Pass
2**	3681.200	39.19	-5.74	54.0	-14.81	AV	55.00	100	Horizontal	Pass
3	5833.800	106.67	-0.26	--	--	Peak	150.00	150	Horizontal	N/A
3**	5833.800	99.61	-0.26	--	--	AV	150.00	150	Horizontal	N/A
4	7463.450	48.89	-3.62	74.0	-25.11	Peak	87.00	200	Horizontal	Pass
4**	7463.450	40.15	-3.62	54.0	-13.85	AV	87.00	200	Horizontal	Pass
5	11231.425	51.39	-0.32	74.0	-22.61	Peak	271.00	100	Horizontal	Pass
5**	11231.425	41.65	-0.32	54.0	-12.35	AV	271.00	100	Horizontal	Pass
6	15855.375	53.80	1.17	74.0	-20.20	Peak	249.00	200	Horizontal	Pass
6**	15855.375	45.39	1.17	54.0	-8.61	AV	249.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	44.36	-17.91	74.0	-29.64	Peak	80.00	100	Vertical	Pass
1**	1166.600	40.90	-17.91	54.0	-13.10	AV	80.00	100	Vertical	Pass
2	3883.600	49.45	-4.85	74.0	-24.55	Peak	249.00	100	Vertical	Pass
2**	3883.600	39.61	-4.85	54.0	-14.39	AV	249.00	100	Vertical	Pass
3	5838.200	98.92	0.29	--	--	Peak	249.00	100	Vertical	N/A
3**	5838.200	91.09	0.29	--	--	AV	249.00	100	Vertical	N/A
4	7351.900	49.43	-3.85	74.0	-24.57	Peak	22.00	300	Vertical	Pass
4**	7351.900	40.04	-3.85	54.0	-13.96	AV	22.00	300	Vertical	Pass
5	11222.799	51.56	-0.21	74.0	-22.44	Peak	347.00	150	Vertical	Pass
5**	11222.799	42.73	-0.21	54.0	-11.27	AV	347.00	150	Vertical	Pass
6	16096.612	54.43	1.28	74.0	-19.57	Peak	16.00	300	Vertical	Pass
6**	16096.612	45.02	1.28	54.0	-8.98	AV	16.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	47.86	-17.91	74.0	-26.14	Peak	126.00	100	Horizontal	Pass
1**	1166.700	46.65	-17.91	54.0	-7.35	AV	126.00	100	Horizontal	Pass
2	4335.000	50.61	-3.99	74.0	-23.39	Peak	301.00	300	Horizontal	Pass
2**	4335.000	42.08	-3.99	54.0	-11.92	AV	301.00	300	Horizontal	Pass
3	5764.600	107.13	-0.84	--	--	Peak	148.00	100	Horizontal	N/A
3**	5764.600	99.86	-0.84	--	--	AV	148.00	100	Horizontal	N/A
4	7374.900	49.05	-3.74	74.0	-24.95	Peak	8.00	400	Horizontal	Pass
4**	7374.900	40.67	-3.74	54.0	-13.33	AV	8.00	400	Horizontal	Pass
5	12211.800	52.25	1.08	74.0	-21.75	Peak	228.00	100	Horizontal	Pass
5**	12211.800	42.25	1.08	54.0	-11.75	AV	228.00	100	Horizontal	Pass
6	15841.988	54.10	1.42	74.0	-19.90	Peak	174.00	200	Horizontal	Pass
6**	15841.988	44.96	1.42	54.0	-9.04	AV	174.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	43.39	-17.91	74.0	-30.61	Peak	85.00	100	Vertical	Pass
1**	1166.500	40.76	-17.91	54.0	-13.24	AV	85.00	100	Vertical	Pass
2	4270.800	49.64	-3.67	74.0	-24.36	Peak	31.00	100	Vertical	Pass
2**	4270.800	40.98	-3.67	54.0	-13.02	AV	31.00	100	Vertical	Pass
3	5760.200	98.45	-1.06	--	--	Peak	253.00	100	Vertical	N/A
3**	5760.200	91.38	-1.06	--	--	AV	253.00	100	Vertical	N/A
4	7673.612	50.16	-2.47	74.0	-23.84	Peak	58.00	300	Vertical	Pass
4**	7673.612	44.59	-2.47	54.0	-9.41	AV	58.00	300	Vertical	Pass
5	10926.963	51.57	0.13	74.0	-22.43	Peak	58.00	150	Vertical	Pass
5**	10926.963	42.10	0.13	54.0	-11.90	AV	58.00	150	Vertical	Pass
6	15835.950	53.60	1.45	74.0	-20.40	Peak	122.00	400	Vertical	Pass
6**	15835.950	45.57	1.45	54.0	-8.43	AV	122.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	47.78	-17.91	74.0	-26.22	Peak	122.00	100	Horizontal	Pass
1**	1166.600	46.19	-17.91	54.0	-7.81	AV	122.00	100	Horizontal	Pass
2	4212.800	49.30	-4.87	74.0	-24.70	Peak	7.00	100	Horizontal	Pass
2**	4212.800	39.70	-4.87	54.0	-14.30	AV	7.00	100	Horizontal	Pass
3	5789.000	107.81	-1.57	--	--	Peak	148.00	200	Horizontal	N/A
3**	5789.000	99.88	-1.57	--	--	AV	148.00	200	Horizontal	N/A
4	7352.187	49.86	-3.84	74.0	-24.14	Peak	108.00	100	Horizontal	Pass
4**	7352.187	40.20	-3.84	54.0	-13.80	AV	108.00	100	Horizontal	Pass
5	11950.750	51.46	1.36	74.0	-22.54	Peak	360.00	200	Horizontal	Pass
5**	11950.750	42.44	1.36	54.0	-11.56	AV	360.00	200	Horizontal	Pass
6	15837.525	53.78	1.45	74.0	-20.22	Peak	98.00	100	Horizontal	Pass
6**	15837.525	45.38	1.45	54.0	-8.62	AV	98.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	43.72	-17.91	74.0	-30.28	Peak	94.00	100	Vertical	Pass
1**	1166.700	41.05	-17.91	54.0	-12.95	AV	94.00	100	Vertical	Pass
2	4249.800	49.77	-4.78	74.0	-24.23	Peak	73.00	100	Vertical	Pass
2**	4249.800	40.38	-4.78	54.0	-13.62	AV	73.00	100	Vertical	Pass
3	5799.200	99.53	-1.64	--	--	Peak	248.00	200	Vertical	N/A
3**	5799.200	91.48	-1.64	--	--	AV	248.00	200	Vertical	N/A
4	7684.250	49.89	-2.90	74.0	-24.11	Peak	258.00	400	Vertical	Pass
4**	7684.250	39.21	-2.90	54.0	-14.79	AV	258.00	400	Vertical	Pass
5	11602.013	51.74	-0.04	74.0	-22.26	Peak	80.00	100	Vertical	Pass
5**	11602.013	42.70	-0.04	54.0	-11.30	AV	80.00	100	Vertical	Pass
6	15822.037	53.68	1.78	74.0	-20.32	Peak	225.00	400	Vertical	Pass
6**	15822.037	44.62	1.78	54.0	-9.38	AV	225.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	47.96	-17.91	74.0	-26.04	Peak	135.00	100	Horizontal	Pass
1**	1166.400	45.40	-17.91	54.0	-8.60	AV	135.00	100	Horizontal	Pass
2	4367.000	49.85	-3.03	74.0	-24.15	Peak	58.00	100	Horizontal	Pass
2**	4367.000	41.38	-3.03	54.0	-12.62	AV	58.00	100	Horizontal	Pass
3	5747.000	109.75	-1.41	--	--	Peak	304.00	150	Horizontal	N/A
3**	5747.000	102.55	-1.41	--	--	AV	304.00	150	Horizontal	N/A
4	7379.212	49.34	-3.65	74.0	-24.66	Peak	284.00	100	Horizontal	Pass
4**	7379.212	40.68	-3.65	54.0	-13.32	AV	284.00	100	Horizontal	Pass
5	10922.651	50.92	0.20	74.0	-23.08	Peak	221.00	100	Horizontal	Pass
5**	10922.651	42.29	0.20	54.0	-11.71	AV	221.00	100	Horizontal	Pass
6	15844.875	54.43	1.37	74.0	-19.57	Peak	238.00	300	Horizontal	Pass
6**	15844.875	44.46	1.37	54.0	-9.54	AV	238.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	46.70	-17.91	74.0	-27.30	Peak	95.00	100	Vertical	Pass
1**	1166.400	45.21	-17.91	54.0	-8.79	AV	95.00	100	Vertical	Pass
2	4354.800	50.09	-2.89	74.0	-23.91	Peak	9.00	200	Vertical	Pass
2**	4354.800	41.03	-2.89	54.0	-12.97	AV	9.00	200	Vertical	Pass
3	5739.400	100.11	-0.81	--	--	Peak	253.00	150	Vertical	N/A
3**	5739.400	92.63	-0.81	--	--	AV	253.00	150	Vertical	N/A
4	7281.750	49.78	-3.60	74.0	-24.22	Peak	210.00	200	Vertical	Pass
4**	7281.750	38.84	-3.60	54.0	-15.16	AV	210.00	200	Vertical	Pass
5	10918.912	51.46	0.23	74.0	-22.54	Peak	294.00	100	Vertical	Pass
5**	10918.912	41.68	0.23	54.0	-12.32	AV	294.00	100	Vertical	Pass
6	15842.775	54.00	1.40	74.0	-20.00	Peak	78.00	200	Vertical	Pass
6**	15842.775	44.09	1.40	54.0	-9.91	AV	78.00	200	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	1166.700	49.99	-17.91	74.0	-24.01	Peak	120.00	100	Horizontal	Pass
1**	1166.700	47.01	-17.91	54.0	-6.99	AV	120.00	100	Horizontal	Pass
2	4357.200	50.02	-2.48	74.0	-23.98	Peak	352.00	300	Horizontal	Pass
2**	4357.200	41.61	-2.48	54.0	-12.39	AV	352.00	300	Horizontal	Pass
3	5786.200	108.82	-0.95	--	--	Peak	153.00	150	Horizontal	N/A
3**	5786.200	101.49	-0.95	--	--	AV	153.00	150	Horizontal	N/A
4	7464.600	49.58	-3.70	74.0	-24.42	Peak	57.00	200	Horizontal	Pass
4**	7464.600	39.61	-3.70	54.0	-14.39	AV	57.00	200	Horizontal	Pass
5	11600.862	50.96	-0.06	74.0	-23.04	Peak	360.00	150	Horizontal	Pass
5**	11600.862	41.53	-0.06	54.0	-12.47	AV	360.00	150	Horizontal	Pass
6	16099.237	53.31	1.22	74.0	-20.69	Peak	360.00	100	Horizontal	Pass
6**	16099.237	44.72	1.22	54.0	-9.28	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	45.14	-17.91	74.0	-28.86	Peak	98.00	100	Vertical	Pass
1**	1166.600	43.32	-17.91	54.0	-10.68	AV	98.00	100	Vertical	Pass
2	4347.000	50.39	-2.94	74.0	-23.61	Peak	332.00	300	Vertical	Pass
2**	4347.000	41.08	-2.94	54.0	-12.92	AV	332.00	300	Vertical	Pass
3	5783.800	99.84	-1.14	--	--	Peak	207.00	100	Vertical	N/A
3**	5783.800	91.84	-1.14	--	--	AV	207.00	100	Vertical	N/A
4	7345.288	49.44	-3.70	74.0	-24.56	Peak	0.00	100	Vertical	Pass
4**	7345.288	40.44	-3.70	54.0	-13.56	AV	0.00	100	Vertical	Pass
5	12212.950	52.03	1.12	74.0	-21.97	Peak	209.00	150	Vertical	Pass
5**	12212.950	42.64	1.12	54.0	-11.36	AV	209.00	150	Vertical	Pass
6	15842.775	53.21	1.40	74.0	-20.79	Peak	356.00	200	Vertical	Pass
6**	15842.775	44.36	1.40	54.0	-9.64	AV	356.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	49.13	-17.91	74.0	-24.87	Peak	116.00	100	Horizontal	Pass
1**	1166.500	46.66	-17.91	54.0	-7.34	AV	116.00	100	Horizontal	Pass
2	4364.200	50.46	-2.76	74.0	-23.54	Peak	21.00	200	Horizontal	Pass
2**	4364.200	40.78	-2.76	54.0	-13.22	AV	21.00	200	Horizontal	Pass
3	5822.200	109.00	-1.54	--	--	Peak	155.00	200	Horizontal	N/A
3**	5822.200	101.08	-1.54	--	--	AV	155.00	200	Horizontal	N/A
4	7376.337	49.13	-3.74	74.0	-24.87	Peak	121.00	300	Horizontal	Pass
4**	7376.337	39.86	-3.74	54.0	-14.14	AV	121.00	300	Horizontal	Pass
5	11056.338	51.71	-0.78	74.0	-22.29	Peak	11.00	100	Horizontal	Pass
5**	11056.338	41.42	-0.78	54.0	-12.58	AV	11.00	100	Horizontal	Pass
6	16096.874	53.53	1.28	74.0	-20.47	Peak	0.00	200	Horizontal	Pass
6**	16096.874	45.09	1.28	54.0	-8.91	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	45.31	-17.91	74.0	-28.69	Peak	96.00	100	Vertical	Pass
1**	1166.500	42.78	-17.91	54.0	-11.22	AV	96.00	100	Vertical	Pass
2	4358.000	49.78	-2.61	74.0	-24.22	Peak	18.00	300	Vertical	Pass
2**	4358.000	41.56	-2.61	54.0	-12.44	AV	18.00	300	Vertical	Pass
3	5828.400	98.45	-1.25	--	--	Peak	106.00	150	Vertical	N/A
3**	5828.400	90.50	-1.25	--	--	AV	106.00	150	Vertical	N/A
4	7344.712	49.43	-3.63	74.0	-24.57	Peak	1.00	400	Vertical	Pass
4**	7344.712	40.37	-3.63	54.0	-13.63	AV	1.00	400	Vertical	Pass
5	11221.075	51.21	-0.21	74.0	-22.79	Peak	316.00	100	Vertical	Pass
5**	11221.075	41.73	-0.21	54.0	-12.27	AV	316.00	100	Vertical	Pass
6	16080.862	54.06	1.62	74.0	-19.94	Peak	106.00	200	Vertical	Pass
6**	16080.862	44.48	1.62	54.0	-9.52	AV	106.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.100	48.53	-17.93	74.0	-25.47	Peak	136.00	100	Horizontal	Pass
1**	1167.100	45.88	-17.93	54.0	-8.12	AV	136.00	100	Horizontal	Pass
2	4350.600	50.00	-3.08	74.0	-24.00	Peak	44.00	300	Horizontal	Pass
2**	4350.600	40.70	-3.08	54.0	-13.30	AV	44.00	300	Horizontal	Pass
3	5753.600	107.30	-1.14	--	--	Peak	159.00	200	Horizontal	N/A
3**	5753.600	99.15	-1.14	--	--	AV	159.00	200	Horizontal	N/A
4	7374.038	49.38	-3.75	74.0	-24.62	Peak	45.00	200	Horizontal	Pass
4**	7374.038	40.52	-3.75	54.0	-13.48	AV	45.00	200	Horizontal	Pass
5	12209.787	51.82	1.01	74.0	-22.18	Peak	0.00	150	Horizontal	Pass
5**	12209.787	42.57	1.01	54.0	-11.43	AV	0.00	150	Horizontal	Pass
6	15851.175	53.41	1.30	74.0	-20.59	Peak	0.00	400	Horizontal	Pass
6**	15851.175	45.00	1.30	54.0	-9.00	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	45.43	-17.91	74.0	-28.57	Peak	96.00	100	Vertical	Pass
1**	1166.800	43.37	-17.91	54.0	-10.63	AV	96.00	100	Vertical	Pass
2	4200.600	49.76	-4.53	74.0	-24.24	Peak	92.00	400	Vertical	Pass
2**	4200.600	40.01	-4.53	54.0	-13.99	AV	92.00	400	Vertical	Pass
3	5752.800	96.72	-1.11	--	--	Peak	101.00	150	Vertical	N/A
3**	5752.800	88.64	-1.11	--	--	AV	101.00	150	Vertical	N/A
4	7679.075	49.66	-2.57	74.0	-24.34	Peak	88.00	400	Vertical	Pass
4**	7679.075	39.85	-2.57	54.0	-14.15	AV	88.00	400	Vertical	Pass
5	12690.487	51.46	0.84	74.0	-22.54	Peak	202.00	100	Vertical	Pass
5**	12690.487	41.07	0.84	54.0	-12.93	AV	202.00	100	Vertical	Pass
6	15847.500	53.99	1.35	74.0	-20.01	Peak	360.00	300	Vertical	Pass
6**	15847.500	45.36	1.35	54.0	-8.64	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	49.44	-17.91	74.0	-24.56	Peak	138.00	100	Horizontal	Pass
1**	1166.700	46.87	-17.91	54.0	-7.13	AV	138.00	100	Horizontal	Pass
2	4362.800	49.95	-2.63	74.0	-24.05	Peak	270.00	100	Horizontal	Pass
2**	4362.800	41.50	-2.63	54.0	-12.50	AV	270.00	100	Horizontal	Pass
3	5792.800	106.43	-1.68	--	--	Peak	158.00	100	Horizontal	N/A
3**	5792.800	98.63	-1.68	--	--	AV	158.00	100	Horizontal	N/A
4	7330.913	49.90	-3.61	74.0	-24.10	Peak	63.00	400	Horizontal	Pass
4**	7330.913	39.67	-3.61	54.0	-14.33	AV	63.00	400	Horizontal	Pass
5	12619.763	51.67	1.80	74.0	-22.33	Peak	128.00	200	Horizontal	Pass
5**	12619.763	41.00	1.80	54.0	-13.00	AV	128.00	200	Horizontal	Pass
6	15844.088	53.47	1.38	74.0	-20.53	Peak	75.00	400	Horizontal	Pass
6**	15844.088	44.63	1.38	54.0	-9.37	AV	75.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	45.51	-17.91	74.0	-28.49	Peak	94.00	100	Vertical	Pass
1**	1166.500	42.42	-17.91	54.0	-11.58	AV	94.00	100	Vertical	Pass
2	4361.800	50.09	-2.63	74.0	-23.91	Peak	213.00	200	Vertical	Pass
2**	4361.800	41.63	-2.63	54.0	-12.37	AV	213.00	200	Vertical	Pass
3	5799.800	96.68	-1.61	--	--	Peak	110.00	150	Vertical	N/A
3**	5799.800	89.72	-1.61	--	--	AV	110.00	150	Vertical	N/A
4	7356.212	49.77	-4.10	74.0	-24.23	Peak	251.00	100	Vertical	Pass
4**	7356.212	40.45	-4.10	54.0	-13.55	AV	251.00	100	Vertical	Pass
5	11593.388	51.17	-0.18	74.0	-22.83	Peak	107.00	200	Vertical	Pass
5**	11593.388	43.19	-0.18	54.0	-10.81	AV	107.00	200	Vertical	Pass
6	15856.687	53.29	1.10	74.0	-20.71	Peak	190.00	300	Vertical	Pass
6**	15856.687	44.56	1.10	54.0	-9.44	AV	190.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.66	-17.91	74.0	-25.34	Peak	160.00	100	Horizontal	Pass
1**	1166.700	47.30	-17.91	54.0	-6.70	AV	160.00	100	Horizontal	Pass
2	4349.800	49.59	-3.05	74.0	-24.41	Peak	325.00	200	Horizontal	Pass
2**	4349.800	40.67	-3.05	54.0	-13.33	AV	325.00	200	Horizontal	Pass
3	5795.400	105.06	-1.35	--	--	Peak	154.00	150	Horizontal	N/A
3**	5795.400	98.04	-1.35	--	--	AV	154.00	150	Horizontal	N/A
4	7373.175	48.99	-3.78	74.0	-25.01	Peak	50.00	300	Horizontal	Pass
4**	7373.175	40.70	-3.78	54.0	-13.30	AV	50.00	300	Horizontal	Pass
5	12304.375	51.64	1.40	74.0	-22.36	Peak	265.00	200	Horizontal	Pass
5**	12304.375	40.78	1.40	54.0	-13.22	AV	265.00	200	Horizontal	Pass
6	15838.050	53.83	1.45	74.0	-20.17	Peak	128.00	100	Horizontal	Pass
6**	15838.050	44.51	1.45	54.0	-9.49	AV	128.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	46.64	-17.91	74.0	-27.36	Peak	100.00	100	Vertical	Pass
1**	1166.800	45.14	-17.91	54.0	-8.86	AV	100.00	100	Vertical	Pass
2	4355.800	49.85	-2.56	74.0	-24.15	Peak	248.00	400	Vertical	Pass
2**	4355.800	41.61	-2.56	54.0	-12.39	AV	248.00	400	Vertical	Pass
3	5777.600	94.46	-0.65	--	--	Peak	106.00	100	Vertical	N/A
3**	5777.600	86.88	-0.65	--	--	AV	106.00	100	Vertical	N/A
4	7376.337	49.06	-3.74	74.0	-24.94	Peak	349.00	100	Vertical	Pass
4**	7376.337	40.23	-3.74	54.0	-13.77	AV	349.00	100	Vertical	Pass
5	12219.850	51.50	1.22	74.0	-22.50	Peak	13.00	150	Vertical	Pass
5**	12219.850	42.17	1.22	54.0	-11.83	AV	13.00	150	Vertical	Pass
6	16086.901	53.62	1.49	74.0	-20.38	Peak	212.00	200	Vertical	Pass
6**	16086.901	44.14	1.49	54.0	-9.86	AV	212.00	200	Vertical	Pass

Aux. Antenna

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	1166.600	48.69	-17.91	74.0	-25.31	Peak	166.00	100	Horizontal	Pass
1**	1166.600	47.09	-17.91	54.0	-6.91	AV	166.00	100	Horizontal	Pass
2	4362.600	50.96	-2.63	74.0	-23.04	Peak	0.00	300	Horizontal	Pass
2**	4362.600	42.56	-2.63	54.0	-11.44	AV	0.00	300	Horizontal	Pass
3	5183.000	93.77	-1.75	--	--	Peak	102.00	100	Horizontal	N/A
3**	5183.000	86.26	-1.75	--	--	AV	102.00	100	Horizontal	N/A
4	7375.763	49.84	-3.74	74.0	-24.16	Peak	267.00	400	Horizontal	Pass
4**	7375.763	41.02	-3.74	54.0	-12.98	AV	267.00	400	Horizontal	Pass
5	11218.775	51.35	-0.20	74.0	-22.65	Peak	283.00	150	Horizontal	Pass
5**	11218.775	42.61	-0.20	54.0	-11.39	AV	283.00	150	Horizontal	Pass
6	15843.562	53.59	1.39	74.0	-20.41	Peak	341.00	200	Horizontal	Pass
6**	15843.562	45.06	1.39	54.0	-8.94	AV	341.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	45.04	-17.91	74.0	-28.96	Peak	87.00	100	Vertical	Pass
1**	1166.700	42.99	-17.91	54.0	-11.01	AV	87.00	100	Vertical	Pass
2	4371.600	50.18	-3.01	74.0	-23.82	Peak	26.00	300	Vertical	Pass
2**	4371.600	40.54	-3.01	54.0	-13.46	AV	26.00	300	Vertical	Pass
3	5174.400	87.44	-1.90	--	--	Peak	201.00	200	Vertical	N/A
3**	5174.400	79.89	-1.90	--	--	AV	201.00	200	Vertical	N/A
4	7349.313	49.77	-3.86	74.0	-24.23	Peak	268.00	200	Vertical	Pass
4**	7349.313	41.77	-3.86	54.0	-12.23	AV	268.00	200	Vertical	Pass
5	12222.151	51.55	1.26	74.0	-22.45	Peak	125.00	100	Vertical	Pass
5**	12222.151	42.36	1.26	54.0	-11.64	AV	125.00	100	Vertical	Pass
6	15843.037	54.04	1.40	74.0	-19.96	Peak	290.00	100	Vertical	Pass
6**	15843.037	44.74	1.40	54.0	-9.26	AV	290.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.200	48.47	-17.91	74.0	-25.53	Peak	135.00	100	Horizontal	Pass
1**	1166.200	45.80	-17.91	54.0	-8.20	AV	135.00	100	Horizontal	Pass
2	4361.800	50.32	-2.63	74.0	-23.68	Peak	111.00	400	Horizontal	Pass
2**	4361.800	41.90	-2.63	54.0	-12.10	AV	111.00	400	Horizontal	Pass
3	5217.200	93.43	-2.50	--	--	Peak	101.00	200	Horizontal	N/A
3**	5217.200	85.99	-2.50	--	--	AV	101.00	200	Horizontal	N/A
4	7365.700	49.13	-4.02	74.0	-24.87	Peak	8.00	400	Horizontal	Pass
4**	7365.700	40.11	-4.02	54.0	-13.89	AV	8.00	400	Horizontal	Pass
5	12604.237	51.20	1.91	74.0	-22.80	Peak	0.00	100	Horizontal	Pass
5**	12604.237	41.49	1.91	54.0	-12.51	AV	0.00	100	Horizontal	Pass
6	15846.974	53.41	1.35	74.0	-20.59	Peak	355.00	300	Horizontal	Pass
6**	15846.974	44.83	1.35	54.0	-9.17	AV	355.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	45.85	-17.91	74.0	-28.15	Peak	89.00	100	Vertical	Pass
1**	1166.900	43.41	-17.91	54.0	-10.59	AV	89.00	100	Vertical	Pass
2	4345.200	49.97	-3.06	74.0	-24.03	Peak	63.00	400	Vertical	Pass
2**	4345.200	40.60	-3.06	54.0	-13.40	AV	63.00	400	Vertical	Pass
3	5213.200	88.10	-2.35	--	--	Peak	208.00	200	Vertical	N/A
3**	5213.200	80.23	-2.35	--	--	AV	208.00	200	Vertical	N/A
4	7356.500	49.58	-4.13	74.0	-24.42	Peak	348.00	400	Vertical	Pass
4**	7356.500	40.60	-4.13	54.0	-13.40	AV	348.00	400	Vertical	Pass
5	11189.162	51.32	-0.44	74.0	-22.68	Peak	229.00	100	Vertical	Pass
5**	11189.162	41.43	-0.44	54.0	-12.57	AV	229.00	100	Vertical	Pass
6	15859.575	53.89	0.95	74.0	-20.11	Peak	87.00	300	Vertical	Pass
6**	15859.575	44.03	0.95	54.0	-9.97	AV	87.00	300	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
1	1166.900	48.47	-17.91	74.0	-25.53	Peak	118.00	100	Horizontal	Pass
1**	1166.900	46.48	-17.91	54.0	-7.52	AV	118.00	100	Horizontal	Pass
2	4288.200	50.50	-4.00	74.0	-23.50	Peak	133.00	100	Horizontal	Pass
2**	4288.200	41.15	-4.00	54.0	-12.85	AV	133.00	100	Horizontal	Pass
3	5237.400	93.57	-1.86	--	--	Peak	100.00	150	Horizontal	N/A
3**	5237.400	85.41	-1.86	--	--	AV	100.00	150	Horizontal	N/A
4	7339.537	49.19	-3.50	74.0	-24.81	Peak	42.00	300	Horizontal	Pass
4**	7339.537	40.99	-3.50	54.0	-13.01	AV	42.00	300	Horizontal	Pass
5	12226.463	51.39	1.31	74.0	-22.61	Peak	107.00	200	Horizontal	Pass
5**	12226.463	42.09	1.31	54.0	-11.91	AV	107.00	200	Horizontal	Pass
6	15855.901	53.32	1.15	74.0	-20.68	Peak	132.00	400	Horizontal	Pass
6**	15855.901	45.25	1.15	54.0	-8.75	AV	132.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	46.60	-17.91	74.0	-27.40	Peak	93.00	100	Vertical	Pass
1**	1166.900	45.26	-17.91	54.0	-8.74	AV	93.00	100	Vertical	Pass
2	4359.000	49.90	-2.68	74.0	-24.10	Peak	178.00	200	Vertical	Pass
2**	4359.000	40.83	-2.68	54.0	-13.17	AV	178.00	200	Vertical	Pass
3	5237.800	89.22	-1.86	--	--	Peak	209.00	100	Vertical	N/A
3**	5237.800	81.47	-1.86	--	--	AV	209.00	100	Vertical	N/A
4	7272.550	49.37	-3.25	74.0	-24.63	Peak	106.00	100	Vertical	Pass
4**	7272.550	39.54	-3.25	54.0	-14.46	AV	106.00	100	Vertical	Pass
5	10922.937	51.67	0.19	74.0	-22.33	Peak	156.00	200	Vertical	Pass
5**	10922.937	42.51	0.19	54.0	-11.49	AV	156.00	200	Vertical	Pass
6	15834.637	53.69	1.45	74.0	-20.31	Peak	360.00	100	Vertical	Pass
6**	15834.637	44.49	1.45	54.0	-9.51	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	48.58	-17.91	74.0	-25.42	Peak	158.00	100	Horizontal	Pass
1**	1166.800	46.89	-17.91	54.0	-7.11	AV	158.00	100	Horizontal	Pass
2	4363.800	50.13	-2.72	74.0	-23.87	Peak	237.00	100	Horizontal	Pass
2**	4363.800	41.42	-2.72	54.0	-12.58	AV	237.00	100	Horizontal	Pass
3	5184.000	93.83	-1.60	--	--	Peak	102.00	150	Horizontal	N/A
3**	5184.000	86.99	-1.60	--	--	AV	102.00	150	Horizontal	N/A
4	7382.663	49.25	-3.83	74.0	-24.75	Peak	76.00	400	Horizontal	Pass
4**	7382.663	40.75	-3.83	54.0	-13.25	AV	76.00	400	Horizontal	Pass
5	12600.212	51.43	1.90	74.0	-22.57	Peak	0.00	100	Horizontal	Pass
5**	12600.212	41.61	1.90	54.0	-12.39	AV	0.00	100	Horizontal	Pass
6	15855.375	53.61	1.17	74.0	-20.39	Peak	146.00	400	Horizontal	Pass
6**	15855.375	44.66	1.17	54.0	-9.34	AV	146.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	45.42	-17.91	74.0	-28.58	Peak	96.00	100	Vertical	Pass
1**	1166.700	43.54	-17.91	54.0	-10.46	AV	96.00	100	Vertical	Pass
2	4382.000	50.31	-3.00	74.0	-23.69	Peak	28.00	100	Vertical	Pass
2**	4382.000	40.51	-3.00	54.0	-13.49	AV	28.00	100	Vertical	Pass
3	5173.800	87.07	-1.88	--	--	Peak	208.00	200	Vertical	N/A
3**	5173.800	79.62	-1.88	--	--	AV	208.00	200	Vertical	N/A
4	7342.987	49.32	-3.61	74.0	-24.68	Peak	62.00	400	Vertical	Pass
4**	7342.987	39.83	-3.61	54.0	-14.17	AV	62.00	400	Vertical	Pass
5	11017.525	51.19	-0.75	74.0	-22.81	Peak	0.00	100	Vertical	Pass
5**	11017.525	41.37	-0.75	54.0	-12.63	AV	0.00	100	Vertical	Pass
6	15842.250	54.82	1.41	74.0	-19.18	Peak	54.00	200	Vertical	Pass
6**	15842.250	45.20	1.41	54.0	-8.80	AV	54.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	47.87	-17.91	74.0	-26.13	Peak	138.00	100	Horizontal	Pass
1**	1166.400	45.36	-17.91	54.0	-8.64	AV	138.00	100	Horizontal	Pass
2	4383.400	50.31	-2.91	74.0	-23.69	Peak	277.00	400	Horizontal	Pass
2**	4383.400	40.49	-2.91	54.0	-13.51	AV	277.00	400	Horizontal	Pass
3	5223.600	93.21	-2.76	--	--	Peak	104.00	200	Horizontal	N/A
3**	5223.600	84.71	-2.76	--	--	AV	104.00	200	Horizontal	N/A
4	7350.175	50.39	-3.87	74.0	-23.61	Peak	312.00	100	Horizontal	Pass
4**	7350.175	40.55	-3.87	54.0	-13.45	AV	312.00	100	Horizontal	Pass
5	11222.799	51.38	-0.21	74.0	-22.62	Peak	112.00	150	Horizontal	Pass
5**	11222.799	43.12	-0.21	54.0	-10.88	AV	112.00	150	Horizontal	Pass
6	16094.775	53.78	1.33	74.0	-20.22	Peak	17.00	300	Horizontal	Pass
6**	16094.775	44.37	1.33	54.0	-9.63	AV	17.00	300	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	1166.800	44.99	-17.91	74.0	-29.01	Peak	93.00	100	Vertical	Pass
1**	1166.800	42.99	-17.91	54.0	-11.01	AV	93.00	100	Vertical	Pass
2	4369.200	50.19	-2.70	74.0	-23.81	Peak	0.00	400	Vertical	Pass
2**	4369.200	41.59	-2.70	54.0	-12.41	AV	0.00	400	Vertical	Pass
3	5215.000	88.32	-2.27	--	--	Peak	204.00	100	Vertical	N/A
3**	5215.000	80.74	-2.27	--	--	AV	204.00	100	Vertical	N/A
4	7389.850	49.81	-4.04	74.0	-24.19	Peak	5.00	300	Vertical	Pass
4**	7389.850	39.84	-4.04	54.0	-14.16	AV	5.00	300	Vertical	Pass
5	11605.175	52.60	0.00	74.0	-21.40	Peak	296.00	150	Vertical	Pass
5**	11605.175	42.19	0.00	54.0	-11.81	AV	296.00	150	Vertical	Pass
6	15852.488	53.81	1.26	74.0	-20.19	Peak	54.00	400	Vertical	Pass
6**	15852.488	44.69	1.26	54.0	-9.31	AV	54.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.23	-17.91	74.0	-25.77	Peak	130.00	100	Horizontal	Pass
1**	1166.700	47.01	-17.91	54.0	-6.99	AV	130.00	100	Horizontal	Pass
2	4382.000	49.72	-3.00	74.0	-24.28	Peak	312.00	300	Horizontal	Pass
2**	4382.000	40.72	-3.00	54.0	-13.28	AV	312.00	300	Horizontal	Pass
3	5237.600	93.16	-1.86	--	--	Peak	106.00	150	Horizontal	N/A
3**	5237.600	85.82	-1.86	--	--	AV	106.00	150	Horizontal	N/A
4	7373.463	49.71	-3.77	74.0	-24.29	Peak	139.00	100	Horizontal	Pass
4**	7373.463	40.43	-3.77	54.0	-13.57	AV	139.00	100	Horizontal	Pass
5	12212.950	51.31	1.12	74.0	-22.69	Peak	0.00	100	Horizontal	Pass
5**	12212.950	42.74	1.12	54.0	-11.26	AV	0.00	100	Horizontal	Pass
6	16086.901	53.42	1.49	74.0	-20.58	Peak	231.00	400	Horizontal	Pass
6**	16086.901	44.20	1.49	54.0	-9.80	AV	231.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	45.39	-17.91	74.0	-28.61	Peak	91.00	100	Vertical	Pass
1**	1166.700	43.10	-17.91	54.0	-10.90	AV	91.00	100	Vertical	Pass
2	4364.800	50.40	-2.81	74.0	-23.60	Peak	248.00	200	Vertical	Pass
2**	4364.800	41.65	-2.81	54.0	-12.35	AV	248.00	200	Vertical	Pass
3	5236.400	88.64	-1.87	--	--	Peak	209.00	100	Vertical	N/A
3**	5236.400	80.80	-1.87	--	--	AV	209.00	100	Vertical	N/A
4	7368.862	49.98	-4.07	74.0	-24.02	Peak	279.00	100	Vertical	Pass
4**	7368.862	40.24	-4.07	54.0	-13.76	AV	279.00	100	Vertical	Pass
5	10910.287	50.90	0.17	74.0	-23.10	Peak	263.00	100	Vertical	Pass
5**	10910.287	41.84	0.17	54.0	-12.16	AV	263.00	100	Vertical	Pass
6	15853.013	54.03	1.25	74.0	-19.97	Peak	116.00	300	Vertical	Pass
6**	15853.013	44.90	1.25	54.0	-9.10	AV	116.00	300	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	1166.700	50.26	-17.91	74.0	-23.74	Peak	115.00	100	Horizontal	Pass
1**	1166.700	48.37	-17.91	54.0	-5.63	AV	115.00	100	Horizontal	Pass
2	4346.200	49.85	-2.87	74.0	-24.15	Peak	70.00	100	Horizontal	Pass
2**	4346.200	41.45	-2.87	54.0	-12.55	AV	70.00	100	Horizontal	Pass
3	5193.000	89.88	-2.05	--	--	Peak	144.00	150	Horizontal	N/A
3**	5193.000	82.36	-2.05	--	--	AV	144.00	150	Horizontal	N/A
4	7622.437	49.17	-3.02	74.0	-24.83	Peak	218.00	400	Horizontal	Pass
4**	7622.437	39.51	-3.02	54.0	-14.49	AV	218.00	400	Horizontal	Pass
5	11206.125	51.83	-0.26	74.0	-22.17	Peak	72.00	150	Horizontal	Pass
5**	11206.125	41.95	-0.26	54.0	-12.05	AV	72.00	150	Horizontal	Pass
6	16085.588	53.76	1.52	74.0	-20.24	Peak	53.00	200	Horizontal	Pass
6**	16085.588	43.91	1.52	54.0	-10.09	AV	53.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	44.90	-17.91	74.0	-29.10	Peak	46.00	100	Vertical	Pass
1**	1166.700	43.06	-17.91	54.0	-10.94	AV	46.00	100	Vertical	Pass
2	4347.000	50.10	-2.94	74.0	-23.90	Peak	287.00	100	Vertical	Pass
2**	4347.000	40.82	-2.94	54.0	-13.18	AV	287.00	100	Vertical	Pass
3	5185.000	87.19	-1.46	--	--	Peak	210.00	150	Vertical	N/A
3**	5185.000	79.03	-1.46	--	--	AV	210.00	150	Vertical	N/A
4	7375.475	49.05	-3.74	74.0	-24.95	Peak	238.00	400	Vertical	Pass
4**	7375.475	40.41	-3.74	54.0	-13.59	AV	238.00	400	Vertical	Pass
5	12213.526	51.40	1.14	74.0	-22.60	Peak	280.00	150	Vertical	Pass
5**	12213.526	41.87	1.14	54.0	-12.13	AV	280.00	150	Vertical	Pass
6	15841.200	53.56	1.43	74.0	-20.44	Peak	181.00	100	Vertical	Pass
6**	15841.200	45.27	1.43	54.0	-8.73	AV	181.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	48.45	-17.91	74.0	-25.55	Peak	125.00	100	Horizontal	Pass
1**	1166.300	45.65	-17.91	54.0	-8.35	AV	125.00	100	Horizontal	Pass
2	4358.200	50.17	-2.64	74.0	-23.83	Peak	215.00	100	Horizontal	Pass
2**	4358.200	40.94	-2.64	54.0	-13.06	AV	215.00	100	Horizontal	Pass
3	5238.000	90.26	-1.86	--	--	Peak	87.00	100	Horizontal	N/A
3**	5238.000	82.23	-1.86	--	--	AV	87.00	100	Horizontal	N/A
4	7380.650	48.84	-3.65	74.0	-25.16	Peak	16.00	300	Horizontal	Pass
4**	7380.650	40.32	-3.65	54.0	-13.68	AV	16.00	300	Horizontal	Pass
5	11937.237	50.84	1.69	74.0	-23.16	Peak	0.00	200	Horizontal	Pass
5**	11937.237	42.05	1.69	54.0	-11.95	AV	0.00	200	Horizontal	Pass
6	15826.763	53.99	1.59	74.0	-20.01	Peak	93.00	300	Horizontal	Pass
6**	15826.763	44.31	1.59	54.0	-9.69	AV	93.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	44.64	-17.91	74.0	-29.36	Peak	42.00	100	Vertical	Pass
1**	1166.700	42.09	-17.91	54.0	-11.91	AV	42.00	100	Vertical	Pass
2	4284.800	49.21	-3.16	74.0	-24.79	Peak	9.00	100	Vertical	Pass
2**	4284.800	40.97	-3.16	54.0	-13.03	AV	9.00	100	Vertical	Pass
3	5237.200	86.23	-1.86	--	--	Peak	198.00	200	Vertical	N/A
3**	5237.200	78.47	-1.86	--	--	AV	198.00	200	Vertical	N/A
4	7381.225	49.62	-3.71	74.0	-24.38	Peak	0.00	400	Vertical	Pass
4**	7381.225	40.86	-3.71	54.0	-13.14	AV	0.00	400	Vertical	Pass
5	11221.363	51.06	-0.21	74.0	-22.94	Peak	182.00	100	Vertical	Pass
5**	11221.363	42.71	-0.21	54.0	-11.29	AV	182.00	100	Vertical	Pass
6	15840.675	53.34	1.44	74.0	-20.66	Peak	0.00	100	Vertical	Pass
6**	15840.675	44.80	1.44	54.0	-9.20	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	49.72	-17.91	74.0	-24.28	Peak	121.00	100	Horizontal	Pass
1**	1166.300	45.28	-17.91	54.0	-8.72	AV	121.00	100	Horizontal	Pass
2	4326.000	49.76	-3.63	74.0	-24.24	Peak	115.00	100	Horizontal	Pass
2**	4326.000	39.70	-3.63	54.0	-14.30	AV	115.00	100	Horizontal	Pass
3	5177.400	92.53	-1.84	--	--	Peak	154.00	100	Horizontal	N/A
3**	5177.400	84.96	-1.84	--	--	AV	154.00	100	Horizontal	N/A
4	7373.463	49.26	-3.77	74.0	-24.74	Peak	98.00	200	Horizontal	Pass
4**	7373.463	41.07	-3.77	54.0	-12.93	AV	98.00	200	Horizontal	Pass
5	10927.250	51.08	0.13	74.0	-22.92	Peak	159.00	200	Horizontal	Pass
5**	10927.250	42.49	0.13	54.0	-11.51	AV	159.00	200	Horizontal	Pass
6	16098.187	53.61	1.25	74.0	-20.39	Peak	94.00	100	Horizontal	Pass
6**	16098.187	45.29	1.25	54.0	-8.71	AV	94.00	100	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	1166.600	45.78	-17.91	74.0	-28.22	Peak	47.00	100	Vertical	Pass
1**	1166.600	43.56	-17.91	54.0	-10.44	AV	47.00	100	Vertical	Pass
2	4301.600	49.63	-4.23	74.0	-24.37	Peak	269.00	100	Vertical	Pass
2**	4301.600	40.47	-4.23	54.0	-13.53	AV	269.00	100	Vertical	Pass
3	5172.600	87.57	-1.85	--	--	Peak	215.00	100	Vertical	N/A
3**	5172.600	79.65	-1.85	--	--	AV	215.00	100	Vertical	N/A
4	7372.600	49.71	-3.82	74.0	-24.29	Peak	28.00	200	Vertical	Pass
4**	7372.600	39.95	-3.82	54.0	-14.05	AV	28.00	200	Vertical	Pass
5	11560.901	51.19	-0.44	74.0	-22.81	Peak	277.00	200	Vertical	Pass
5**	11560.901	40.83	-0.44	54.0	-13.17	AV	277.00	200	Vertical	Pass
6	15853.275	54.40	1.24	74.0	-19.60	Peak	282.00	300	Vertical	Pass
6**	15853.275	44.93	1.24	54.0	-9.07	AV	282.00	300	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	1166.600	48.61	-17.91	74.0	-25.39	Peak	122.00	100	Horizontal	Pass
1**	1166.600	46.96	-17.91	54.0	-7.04	AV	122.00	100	Horizontal	Pass
2	4032.200	49.67	-4.57	74.0	-24.33	Peak	9.00	100	Horizontal	Pass
2**	4032.200	39.15	-4.57	54.0	-14.85	AV	9.00	100	Horizontal	Pass
3	5225.200	92.16	-2.44	--	--	Peak	148.00	200	Horizontal	N/A
3**	5225.200	84.43	-2.44	--	--	AV	148.00	200	Horizontal	N/A
4	7383.813	49.68	-3.85	74.0	-24.32	Peak	10.00	100	Horizontal	Pass
4**	7383.813	40.20	-3.85	54.0	-13.80	AV	10.00	100	Horizontal	Pass
5	10921.500	51.62	0.21	74.0	-22.38	Peak	31.00	200	Horizontal	Pass
5**	10921.500	42.23	0.21	54.0	-11.77	AV	31.00	200	Horizontal	Pass
6	15846.450	53.68	1.36	74.0	-20.32	Peak	158.00	200	Horizontal	Pass
6**	15846.450	45.55	1.36	54.0	-8.45	AV	158.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	46.39	-17.91	74.0	-27.61	Peak	46.00	100	Vertical	Pass
1**	1166.800	43.75	-17.91	54.0	-10.25	AV	46.00	100	Vertical	Pass
2	4143.000	49.55	-4.77	74.0	-24.45	Peak	22.00	100	Vertical	Pass
2**	4143.000	39.24	-4.77	54.0	-14.76	AV	22.00	100	Vertical	Pass
3	5224.600	87.23	-2.56	--	--	Peak	199.00	200	Vertical	N/A
3**	5224.600	79.43	-2.56	--	--	AV	199.00	200	Vertical	N/A
4	7344.712	49.39	-3.63	74.0	-24.61	Peak	57.00	400	Vertical	Pass
4**	7344.712	41.10	-3.63	54.0	-12.90	AV	57.00	400	Vertical	Pass
5	11223.663	51.65	-0.22	74.0	-22.35	Peak	240.00	100	Vertical	Pass
5**	11223.663	42.82	-0.22	54.0	-11.18	AV	240.00	100	Vertical	Pass
6	15852.750	54.24	1.26	74.0	-19.76	Peak	207.00	400	Vertical	Pass
6**	15852.750	45.39	1.26	54.0	-8.61	AV	207.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	48.27	-17.91	74.0	-25.73	Peak	117.00	100	Horizontal	Pass
1**	1166.500	46.85	-17.91	54.0	-7.15	AV	117.00	100	Horizontal	Pass
2	4353.600	50.63	-3.09	74.0	-23.37	Peak	134.00	100	Horizontal	Pass
2**	4353.600	41.76	-3.09	54.0	-12.24	AV	134.00	100	Horizontal	Pass
3	5236.800	93.30	-1.87	--	--	Peak	89.00	150	Horizontal	N/A
3**	5236.800	85.17	-1.87	--	--	AV	89.00	150	Horizontal	N/A
4	7351.325	49.56	-3.86	74.0	-24.44	Peak	225.00	300	Horizontal	Pass
4**	7351.325	40.31	-3.86	54.0	-13.69	AV	225.00	300	Horizontal	Pass
5	10925.237	51.46	0.15	74.0	-22.54	Peak	10.00	100	Horizontal	Pass
5**	10925.237	42.06	0.15	54.0	-11.94	AV	10.00	100	Horizontal	Pass
6	16100.550	54.70	1.18	74.0	-19.30	Peak	360.00	300	Horizontal	Pass
6**	16100.550	44.42	1.18	54.0	-9.58	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	44.64	-17.91	74.0	-29.36	Peak	40.00	100	Vertical	Pass
1**	1166.900	43.35	-17.91	54.0	-10.65	AV	40.00	100	Vertical	Pass
2	4349.600	50.22	-3.04	74.0	-23.78	Peak	201.00	100	Vertical	Pass
2**	4349.600	41.63	-3.04	54.0	-12.37	AV	201.00	100	Vertical	Pass
3	5235.600	87.28	-1.91	--	--	Peak	201.00	150	Vertical	N/A
3**	5235.600	80.19	-1.91	--	--	AV	201.00	150	Vertical	N/A
4	7368.288	48.61	-4.05	74.0	-25.39	Peak	0.00	100	Vertical	Pass
4**	7368.288	41.06	-4.05	54.0	-12.94	AV	0.00	100	Vertical	Pass
5	11206.412	51.10	-0.25	74.0	-22.90	Peak	252.00	200	Vertical	Pass
5**	11206.412	41.31	-0.25	54.0	-12.69	AV	252.00	200	Vertical	Pass
6	15854.850	53.34	1.20	74.0	-20.66	Peak	0.00	100	Vertical	Pass
6**	15854.850	44.22	1.20	54.0	-9.78	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	49.15	-17.91	74.0	-24.85	Peak	126.00	100	Horizontal	Pass
1**	1166.800	47.98	-17.91	54.0	-6.02	AV	126.00	100	Horizontal	Pass
2	4121.400	49.50	-4.88	74.0	-24.50	Peak	39.00	100	Horizontal	Pass
2**	4121.400	39.81	-4.88	54.0	-14.19	AV	39.00	100	Horizontal	Pass
3	5186.800	90.35	-1.52	--	--	Peak	81.00	100	Horizontal	N/A
3**	5186.800	83.20	-1.52	--	--	AV	81.00	100	Horizontal	N/A
4	7466.325	49.00	-3.80	74.0	-25.00	Peak	236.00	100	Horizontal	Pass
4**	7466.325	39.87	-3.80	54.0	-14.13	AV	236.00	100	Horizontal	Pass
5	10908.562	52.41	0.17	74.0	-21.59	Peak	141.00	100	Horizontal	Pass
5**	10908.562	41.38	0.17	54.0	-12.62	AV	141.00	100	Horizontal	Pass
6	15617.287	53.67	1.55	74.0	-20.33	Peak	166.00	200	Horizontal	Pass
6**	15617.287	43.04	1.55	54.0	-10.96	AV	166.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	45.61	-17.91	74.0	-28.39	Peak	37.00	100	Vertical	Pass
1**	1166.500	43.02	-17.91	54.0	-10.98	AV	37.00	100	Vertical	Pass
2	4356.800	50.29	-2.42	74.0	-23.71	Peak	261.00	200	Vertical	Pass
2**	4356.800	41.24	-2.42	54.0	-12.76	AV	261.00	200	Vertical	Pass
3	5197.000	85.07	-2.12	--	--	Peak	209.00	200	Vertical	N/A
3**	5197.000	76.89	-2.12	--	--	AV	209.00	200	Vertical	N/A
4	7376.912	49.48	-3.73	74.0	-24.52	Peak	266.00	100	Vertical	Pass
4**	7376.912	40.64	-3.73	54.0	-13.36	AV	266.00	100	Vertical	Pass
5	11942.412	51.22	1.62	74.0	-22.78	Peak	216.00	200	Vertical	Pass
5**	11942.412	41.15	1.62	54.0	-12.85	AV	216.00	200	Vertical	Pass
6	15845.401	53.98	1.37	74.0	-20.02	Peak	340.00	200	Vertical	Pass
6**	15845.401	45.38	1.37	54.0	-8.62	AV	340.00	200	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	1166.600	49.39	-17.91	74.0	-24.61	Peak	48.00	100	Horizontal	Pass
1**	1166.600	46.70	-17.91	54.0	-7.30	AV	48.00	100	Horizontal	Pass
2	4158.000	50.27	-4.41	74.0	-23.73	Peak	226.00	400	Horizontal	Pass
2**	4158.000	39.61	-4.41	54.0	-14.39	AV	226.00	400	Horizontal	Pass
3	5237.200	90.65	-1.86	--	--	Peak	83.00	150	Horizontal	N/A
3**	5237.200	82.73	-1.86	--	--	AV	83.00	150	Horizontal	N/A
4	7374.325	49.60	-3.75	74.0	-24.40	Peak	91.00	400	Horizontal	Pass
4**	7374.325	40.75	-3.75	54.0	-13.25	AV	91.00	400	Horizontal	Pass
5	12216.974	51.37	1.20	74.0	-22.63	Peak	142.00	150	Horizontal	Pass
5**	12216.974	42.38	1.20	54.0	-11.62	AV	142.00	150	Horizontal	Pass
6	15839.362	54.70	1.45	74.0	-19.30	Peak	360.00	100	Horizontal	Pass
6**	15839.362	44.76	1.45	54.0	-9.24	AV	360.00	100	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	1166.600	45.71	-17.91	74.0	-28.29	Peak	49.00	100	Vertical	Pass
1**	1166.600	43.52	-17.91	54.0	-10.48	AV	49.00	100	Vertical	Pass
2	4350.400	50.32	-3.07	74.0	-23.68	Peak	8.00	100	Vertical	Pass
2**	4350.400	41.20	-3.07	54.0	-12.80	AV	8.00	100	Vertical	Pass
3	5236.800	85.76	-1.87	--	--	Peak	205.00	150	Vertical	N/A
3**	5236.800	78.54	-1.87	--	--	AV	205.00	150	Vertical	N/A
4	7367.138	49.13	-4.02	74.0	-24.87	Peak	155.00	100	Vertical	Pass
4**	7367.138	40.48	-4.02	54.0	-13.52	AV	155.00	100	Vertical	Pass
5	10939.037	51.03	-0.05	74.0	-22.97	Peak	231.00	100	Vertical	Pass
5**	10939.037	41.63	-0.05	54.0	-12.37	AV	231.00	100	Vertical	Pass
6	15860.625	53.38	0.91	74.0	-20.62	Peak	127.00	200	Vertical	Pass
6**	15860.625	43.52	0.91	54.0	-10.48	AV	127.00	200	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	1166.400	48.50	-17.91	74.0	-25.50	Peak	49.00	100	Horizontal	Pass
1**	1166.400	45.53	-17.91	54.0	-8.47	AV	49.00	100	Horizontal	Pass
2	4361.400	50.07	-2.63	74.0	-23.93	Peak	9.00	100	Horizontal	Pass
2**	4361.400	43.01	-2.63	54.0	-10.99	AV	9.00	100	Horizontal	Pass
3	5225.600	87.07	-2.39	--	--	Peak	82.00	150	Horizontal	N/A
3**	5225.600	80.22	-2.39	--	--	AV	82.00	150	Horizontal	N/A
4	7337.525	48.98	-3.54	74.0	-25.02	Peak	121.00	100	Horizontal	Pass
4**	7337.525	41.39	-3.54	54.0	-12.61	AV	121.00	100	Horizontal	Pass
5	12232.787	51.38	1.22	74.0	-22.62	Peak	24.00	100	Horizontal	Pass
5**	12232.787	41.81	1.22	54.0	-12.19	AV	24.00	100	Horizontal	Pass
6	16098.975	53.40	1.23	74.0	-20.60	Peak	270.00	300	Horizontal	Pass
6**	16098.975	45.03	1.23	54.0	-8.97	AV	270.00	300	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	1167.000	46.44	-17.92	74.0	-27.56	Peak	42.00	100	Vertical	Pass
1**	1167.000	42.97	-17.92	54.0	-11.03	AV	42.00	100	Vertical	Pass
2	4199.000	49.58	-4.26	74.0	-24.42	Peak	25.00	100	Vertical	Pass
2**	4199.000	40.44	-4.26	54.0	-13.56	AV	25.00	100	Vertical	Pass
3	5199.600	82.67	-1.95	--	--	Peak	206.00	200	Vertical	N/A
3**	5199.600	74.66	-1.95	--	--	AV	206.00	200	Vertical	N/A
4	7337.238	49.59	-3.51	74.0	-24.41	Peak	26.00	400	Vertical	Pass
4**	7337.238	40.51	-3.51	54.0	-13.49	AV	26.00	400	Vertical	Pass
5	12226.463	51.85	1.31	74.0	-22.15	Peak	360.00	200	Vertical	Pass
5**	12226.463	41.96	1.31	54.0	-12.04	AV	360.00	200	Vertical	Pass
6	15851.175	53.33	1.30	74.0	-20.67	Peak	93.00	400	Vertical	Pass
6**	15851.175	44.52	1.30	54.0	-9.48	AV	93.00	400	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	1166.300	48.57	-17.91	74.0	-25.43	Peak	50.00	100	Horizontal	Pass
1**	1166.300	45.43	-17.91	54.0	-8.57	AV	50.00	100	Horizontal	Pass
2	4368.400	50.19	-2.81	74.0	-23.81	Peak	354.00	100	Horizontal	Pass
2**	4368.400	41.77	-2.81	54.0	-12.23	AV	354.00	100	Horizontal	Pass
3	5741.200	101.56	-1.12	--	--	Peak	96.00	200	Horizontal	N/A
3**	5741.200	93.43	-1.12	--	--	AV	96.00	200	Horizontal	N/A
4	7374.038	49.83	-3.75	74.0	-24.17	Peak	153.00	400	Horizontal	Pass
4**	7374.038	40.72	-3.75	54.0	-13.28	AV	153.00	400	Horizontal	Pass
5	10929.549	51.71	0.09	74.0	-22.29	Peak	59.00	200	Horizontal	Pass
5**	10929.549	42.38	0.09	54.0	-11.62	AV	59.00	200	Horizontal	Pass
6	15845.137	53.69	1.37	74.0	-20.31	Peak	275.00	100	Horizontal	Pass
6**	15845.137	45.97	1.37	54.0	-8.03	AV	275.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	45.03	-17.91	74.0	-28.97	Peak	43.00	100	Vertical	Pass
1**	1166.700	43.11	-17.91	54.0	-10.89	AV	43.00	100	Vertical	Pass
2	4253.200	49.41	-4.69	74.0	-24.59	Peak	239.00	100	Vertical	Pass
2**	4253.200	39.52	-4.69	54.0	-14.48	AV	239.00	100	Vertical	Pass
3	5749.400	94.29	-1.38	--	--	Peak	204.00	150	Vertical	N/A
3**	5749.400	86.95	-1.38	--	--	AV	204.00	150	Vertical	N/A
4	7382.375	49.32	-3.83	74.0	-24.68	Peak	289.00	300	Vertical	Pass
4**	7382.375	40.66	-3.83	54.0	-13.34	AV	289.00	300	Vertical	Pass
5	11225.099	52.18	-0.22	74.0	-21.82	Peak	326.00	200	Vertical	Pass
5**	11225.099	42.51	-0.22	54.0	-11.49	AV	326.00	200	Vertical	Pass
6	15838.838	54.27	1.45	74.0	-19.73	Peak	343.00	200	Vertical	Pass
6**	15838.838	44.86	1.45	54.0	-9.14	AV	343.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.000	49.06	-17.92	74.0	-24.94	Peak	46.00	100	Horizontal	Pass
1**	1167.000	46.95	-17.92	54.0	-7.05	AV	46.00	100	Horizontal	Pass
2	4285.000	49.48	-3.20	74.0	-24.52	Peak	339.00	100	Horizontal	Pass
2**	4285.000	40.94	-3.20	54.0	-13.06	AV	339.00	100	Horizontal	Pass
3	5786.600	100.93	-0.95	--	--	Peak	98.00	100	Horizontal	N/A
3**	5786.600	93.51	-0.95	--	--	AV	98.00	100	Horizontal	N/A
4	7373.175	49.38	-3.78	74.0	-24.62	Peak	215.00	300	Horizontal	Pass
4**	7373.175	41.10	-3.78	54.0	-12.90	AV	215.00	300	Horizontal	Pass
5	11592.526	51.49	-0.19	74.0	-22.51	Peak	105.00	150	Horizontal	Pass
5**	11592.526	42.06	-0.19	54.0	-11.94	AV	105.00	150	Horizontal	Pass
6	15840.938	54.09	1.43	74.0	-19.91	Peak	337.00	100	Horizontal	Pass
6**	15840.938	45.04	1.43	54.0	-8.96	AV	337.00	100	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	1166.800	46.69	-17.91	74.0	-27.31	Peak	34.00	100	Vertical	Pass
1**	1166.800	43.33	-17.91	54.0	-10.67	AV	34.00	100	Vertical	Pass
2	4289.000	50.30	-4.03	74.0	-23.70	Peak	83.00	200	Vertical	Pass
2**	4289.000	40.14	-4.03	54.0	-13.86	AV	83.00	200	Vertical	Pass
3	5787.400	94.68	-1.20	--	--	Peak	199.00	100	Vertical	N/A
3**	5787.400	87.20	-1.20	--	--	AV	199.00	100	Vertical	N/A
4	7352.475	49.46	-3.84	74.0	-24.54	Peak	254.00	100	Vertical	Pass
4**	7352.475	40.51	-3.84	54.0	-13.49	AV	254.00	100	Vertical	Pass
5	12215.537	52.25	1.19	74.0	-21.75	Peak	0.00	150	Vertical	Pass
5**	12215.537	42.49	1.19	54.0	-11.51	AV	0.00	150	Vertical	Pass
6	16082.962	53.74	1.57	74.0	-20.26	Peak	157.00	300	Vertical	Pass
6**	16082.962	44.74	1.57	54.0	-9.26	AV	157.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	49.12	-17.91	74.0	-24.88	Peak	58.00	100	Horizontal	Pass
1**	1166.700	46.62	-17.91	54.0	-7.38	AV	58.00	100	Horizontal	Pass
2	4384.800	50.27	-2.93	74.0	-23.73	Peak	94.00	100	Horizontal	Pass
2**	4384.800	41.44	-2.93	54.0	-12.56	AV	94.00	100	Horizontal	Pass
3	5823.200	100.72	-1.49	--	--	Peak	299.00	200	Horizontal	N/A
3**	5823.200	92.87	-1.49	--	--	AV	299.00	200	Horizontal	N/A
4	7378.925	49.22	-3.66	74.0	-24.78	Peak	167.00	100	Horizontal	Pass
4**	7378.925	40.43	-3.66	54.0	-13.57	AV	167.00	100	Horizontal	Pass
5	10905.975	50.89	0.17	74.0	-23.11	Peak	72.00	200	Horizontal	Pass
5**	10905.975	41.01	0.17	54.0	-12.99	AV	72.00	200	Horizontal	Pass
6	15840.151	54.12	1.44	74.0	-19.88	Peak	189.00	200	Horizontal	Pass
6**	15840.151	45.03	1.44	54.0	-8.97	AV	189.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	44.83	-17.91	74.0	-29.17	Peak	45.00	100	Vertical	Pass
1**	1166.900	43.03	-17.91	54.0	-10.97	AV	45.00	100	Vertical	Pass
2	4287.800	49.76	-3.89	74.0	-24.24	Peak	308.00	100	Vertical	Pass
2**	4287.800	40.34	-3.89	54.0	-13.66	AV	308.00	100	Vertical	Pass
3	5832.000	92.18	-0.73	--	--	Peak	192.00	100	Vertical	N/A
3**	5832.000	84.80	-0.73	--	--	AV	192.00	100	Vertical	N/A
4	7380.075	49.52	-3.60	74.0	-24.48	Peak	155.00	400	Vertical	Pass
4**	7380.075	40.89	-3.60	54.0	-13.11	AV	155.00	400	Vertical	Pass
5	11222.225	51.59	-0.21	74.0	-22.41	Peak	293.00	150	Vertical	Pass
5**	11222.225	42.56	-0.21	54.0	-11.44	AV	293.00	150	Vertical	Pass
6	15835.162	53.68	1.45	74.0	-20.32	Peak	57.00	400	Vertical	Pass
6**	15835.162	44.87	1.45	54.0	-9.13	AV	57.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.71	-17.91	74.0	-25.29	Peak	127.00	100	Horizontal	Pass
1**	1166.700	46.63	-17.91	54.0	-7.37	AV	127.00	100	Horizontal	Pass
2	4345.400	50.06	-2.98	74.0	-23.94	Peak	170.00	100	Horizontal	Pass
2**	4345.400	40.86	-2.98	54.0	-13.14	AV	170.00	100	Horizontal	Pass
3	5747.000	102.81	-1.41	--	--	Peak	94.00	200	Horizontal	N/A
3**	5747.000	94.42	-1.41	--	--	AV	94.00	200	Horizontal	N/A
4	7366.850	49.04	-4.02	74.0	-24.96	Peak	252.00	100	Horizontal	Pass
4**	7366.850	40.66	-4.02	54.0	-13.34	AV	252.00	100	Horizontal	Pass
5	11200.950	51.67	-0.28	74.0	-22.33	Peak	275.00	100	Horizontal	Pass
5**	11200.950	42.22	-0.28	54.0	-11.78	AV	275.00	100	Horizontal	Pass
6	15840.412	53.39	1.44	74.0	-20.61	Peak	224.00	100	Horizontal	Pass
6**	15840.412	45.34	1.44	54.0	-8.66	AV	224.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	45.64	-17.91	74.0	-28.36	Peak	47.00	100	Vertical	Pass
1**	1166.800	42.93	-17.91	54.0	-11.07	AV	47.00	100	Vertical	Pass
2	4144.600	49.71	-4.75	74.0	-24.29	Peak	71.00	100	Vertical	Pass
2**	4144.600	40.20	-4.75	54.0	-13.80	AV	71.00	100	Vertical	Pass
3	5746.400	94.50	-1.33	--	--	Peak	203.00	200	Vertical	N/A
3**	5746.400	86.78	-1.33	--	--	AV	203.00	200	Vertical	N/A
4	7352.187	49.38	-3.84	74.0	-24.62	Peak	113.00	300	Vertical	Pass
4**	7352.187	40.39	-3.84	54.0	-13.61	AV	113.00	300	Vertical	Pass
5	12221.000	51.18	1.24	74.0	-22.82	Peak	113.00	100	Vertical	Pass
5**	12221.000	42.40	1.24	54.0	-11.60	AV	113.00	100	Vertical	Pass
6	15849.600	53.92	1.33	74.0	-20.08	Peak	177.00	300	Vertical	Pass
6**	15849.600	44.62	1.33	54.0	-9.38	AV	177.00	300	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	1166.400	48.48	-17.91	74.0	-25.52	Peak	113.00	100	Horizontal	Pass
1**	1166.400	47.10	-17.91	54.0	-6.90	AV	113.00	100	Horizontal	Pass
2	4366.600	50.41	-2.99	74.0	-23.59	Peak	116.00	100	Horizontal	Pass
2**	4366.600	41.49	-2.99	54.0	-12.51	AV	116.00	100	Horizontal	Pass
3	5788.200	101.17	-1.45	--	--	Peak	103.00	150	Horizontal	N/A
3**	5788.200	93.31	-1.45	--	--	AV	103.00	150	Horizontal	N/A
4	7456.263	49.10	-3.98	74.0	-24.90	Peak	360.00	400	Horizontal	Pass
4**	7456.263	39.59	-3.98	54.0	-14.41	AV	360.00	400	Horizontal	Pass
5	12221.287	51.19	1.25	74.0	-22.81	Peak	196.00	200	Horizontal	Pass
5**	12221.287	42.23	1.25	54.0	-11.77	AV	196.00	200	Horizontal	Pass
6	16082.962	53.97	1.57	74.0	-20.03	Peak	217.00	200	Horizontal	Pass
6**	16082.962	44.67	1.57	54.0	-9.33	AV	217.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	44.89	-17.91	74.0	-29.11	Peak	58.00	100	Vertical	Pass
1**	1166.500	41.94	-17.91	54.0	-12.06	AV	58.00	100	Vertical	Pass
2	4273.400	49.91	-3.52	74.0	-24.09	Peak	110.00	100	Vertical	Pass
2**	4273.400	40.45	-3.52	54.0	-13.55	AV	110.00	100	Vertical	Pass
3	5787.800	94.03	-1.32	--	--	Peak	207.00	100	Vertical	N/A
3**	5787.800	86.43	-1.32	--	--	AV	207.00	100	Vertical	N/A
4	7333.788	49.13	-3.48	74.0	-24.87	Peak	360.00	300	Vertical	Pass
4**	7333.788	40.95	-3.48	54.0	-13.05	AV	360.00	300	Vertical	Pass
5	12227.037	51.55	1.31	74.0	-22.45	Peak	23.00	150	Vertical	Pass
5**	12227.037	42.30	1.31	54.0	-11.70	AV	23.00	150	Vertical	Pass
6	15839.887	53.54	1.45	74.0	-20.46	Peak	107.00	400	Vertical	Pass
6**	15839.887	44.22	1.45	54.0	-9.78	AV	107.00	400	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	1166.500	47.63	-17.91	74.0	-26.37	Peak	47.00	100	Horizontal	Pass
1**	1166.500	45.40	-17.91	54.0	-8.60	AV	47.00	100	Horizontal	Pass
2	4287.000	49.18	-3.69	74.0	-24.82	Peak	22.00	100	Horizontal	Pass
2**	4287.000	40.64	-3.69	54.0	-13.36	AV	22.00	100	Horizontal	Pass
3	5823.000	100.56	-1.48	--	--	Peak	301.00	100	Horizontal	N/A
3**	5823.000	93.27	-1.48	--	--	AV	301.00	100	Horizontal	N/A
4	7380.362	49.70	-3.61	74.0	-24.30	Peak	179.00	300	Horizontal	Pass
4**	7380.362	41.53	-3.61	54.0	-12.47	AV	179.00	300	Horizontal	Pass
5	11692.287	51.74	0.19	74.0	-22.26	Peak	360.00	150	Horizontal	Pass
5**	11692.287	41.20	0.19	54.0	-12.80	AV	360.00	150	Horizontal	Pass
6	15844.088	53.29	1.38	74.0	-20.71	Peak	360.00	100	Horizontal	Pass
6**	15844.088	45.34	1.38	54.0	-8.66	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	46.11	-17.91	74.0	-27.89	Peak	44.00	100	Vertical	Pass
1**	1166.400	41.65	-17.91	54.0	-12.35	AV	44.00	100	Vertical	Pass
2	4347.200	49.90	-2.96	74.0	-24.10	Peak	308.00	100	Vertical	Pass
2**	4347.200	40.67	-2.96	54.0	-13.33	AV	308.00	100	Vertical	Pass
3	5827.400	92.23	-1.37	--	--	Peak	197.00	200	Vertical	N/A
3**	5827.400	84.68	-1.37	--	--	AV	197.00	200	Vertical	N/A
4	7388.700	49.44	-4.06	74.0	-24.56	Peak	360.00	200	Vertical	Pass
4**	7388.700	40.07	-4.06	54.0	-13.93	AV	360.00	200	Vertical	Pass
5	12229.913	50.78	1.30	74.0	-23.22	Peak	172.00	100	Vertical	Pass
5**	12229.913	41.60	1.30	54.0	-12.40	AV	172.00	100	Vertical	Pass
6	15839.625	54.09	1.45	74.0	-19.91	Peak	116.00	400	Vertical	Pass
6**	15839.625	44.98	1.45	54.0	-9.02	AV	116.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	49.15	-17.91	74.0	-24.85	Peak	116.00	100	Horizontal	Pass
1**	1166.800	46.28	-17.91	54.0	-7.72	AV	116.00	100	Horizontal	Pass
2	4368.600	49.74	-2.78	74.0	-24.26	Peak	0.00	100	Horizontal	Pass
2**	4368.600	41.23	-2.78	54.0	-12.77	AV	0.00	100	Horizontal	Pass
3	5758.800	99.83	-1.22	--	--	Peak	287.00	150	Horizontal	N/A
3**	5758.800	92.49	-1.22	--	--	AV	287.00	150	Horizontal	N/A
4	7371.163	49.88	-3.92	74.0	-24.12	Peak	360.00	100	Horizontal	Pass
4**	7371.163	40.10	-3.92	54.0	-13.90	AV	360.00	100	Horizontal	Pass
5	12219.850	51.97	1.22	74.0	-22.03	Peak	61.00	200	Horizontal	Pass
5**	12219.850	42.32	1.22	54.0	-11.68	AV	61.00	200	Horizontal	Pass
6	15844.088	53.36	1.38	74.0	-20.64	Peak	114.00	100	Horizontal	Pass
6**	15844.088	45.38	1.38	54.0	-8.62	AV	114.00	100	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	1166.600	44.47	-17.91	74.0	-29.53	Peak	38.00	100	Vertical	Pass
1**	1166.600	42.39	-17.91	54.0	-11.61	AV	38.00	100	Vertical	Pass
2	4168.200	49.34	-4.56	74.0	-24.66	Peak	74.00	100	Vertical	Pass
2**	4168.200	39.44	-4.56	54.0	-14.56	AV	74.00	100	Vertical	Pass
3	5759.800	93.66	-1.11	--	--	Peak	196.00	100	Vertical	N/A
3**	5759.800	85.76	-1.11	--	--	AV	196.00	100	Vertical	N/A
4	7673.900	49.96	-2.46	74.0	-24.04	Peak	89.00	300	Vertical	Pass
4**	7673.900	43.11	-2.46	54.0	-10.89	AV	89.00	300	Vertical	Pass
5	11218.487	51.00	-0.20	74.0	-23.00	Peak	166.00	150	Vertical	Pass
5**	11218.487	42.42	-0.20	54.0	-11.58	AV	166.00	150	Vertical	Pass
6	15844.350	54.30	1.38	74.0	-19.70	Peak	63.00	400	Vertical	Pass
6**	15844.350	44.10	1.38	54.0	-9.90	AV	63.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	48.76	-17.91	74.0	-25.24	Peak	118.00	100	Horizontal	Pass
1**	1166.300	46.19	-17.91	54.0	-7.81	AV	118.00	100	Horizontal	Pass
2	4379.200	50.03	-2.98	74.0	-23.97	Peak	352.00	200	Horizontal	Pass
2**	4379.200	40.53	-2.98	54.0	-13.47	AV	352.00	200	Horizontal	Pass
3	5796.600	98.63	-1.43	--	--	Peak	276.00	150	Horizontal	N/A
3**	5796.600	91.40	-1.43	--	--	AV	276.00	150	Horizontal	N/A
4	7378.925	49.62	-3.66	74.0	-24.38	Peak	196.00	100	Horizontal	Pass
4**	7378.925	40.44	-3.66	54.0	-13.56	AV	196.00	100	Horizontal	Pass
5	11725.062	51.37	0.85	74.0	-22.63	Peak	330.00	100	Horizontal	Pass
5**	11725.062	41.41	0.85	54.0	-12.59	AV	330.00	100	Horizontal	Pass
6	15864.037	53.77	0.84	74.0	-20.23	Peak	0.00	200	Horizontal	Pass
6**	15864.037	43.63	0.84	54.0	-10.37	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	45.05	-17.91	74.0	-28.95	Peak	44.00	100	Vertical	Pass
1**	1166.500	42.27	-17.91	54.0	-11.73	AV	44.00	100	Vertical	Pass
2	4164.400	49.15	-4.65	74.0	-24.85	Peak	233.00	100	Vertical	Pass
2**	4164.400	39.10	-4.65	54.0	-14.90	AV	233.00	100	Vertical	Pass
3	5796.800	92.11	-1.44	--	--	Peak	204.00	200	Vertical	N/A
3**	5796.800	84.04	-1.44	--	--	AV	204.00	200	Vertical	N/A
4	7368.000	49.21	-4.04	74.0	-24.79	Peak	303.00	100	Vertical	Pass
4**	7368.000	40.95	-4.04	54.0	-13.05	AV	303.00	100	Vertical	Pass
5	10913.450	52.10	0.19	74.0	-21.90	Peak	243.00	100	Vertical	Pass
5**	10913.450	41.55	0.19	54.0	-12.45	AV	243.00	100	Vertical	Pass
6	16111.575	53.98	0.74	74.0	-20.02	Peak	0.00	200	Vertical	Pass
6**	16111.575	44.28	0.74	54.0	-9.72	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	47.73	-17.91	74.0	-26.27	Peak	118.00	100	Horizontal	Pass
1**	1166.600	46.18	-17.91	54.0	-7.82	AV	118.00	100	Horizontal	Pass
2	4285.400	49.63	-3.30	74.0	-24.37	Peak	50.00	100	Horizontal	Pass
2**	4285.400	40.87	-3.30	54.0	-13.13	AV	50.00	100	Horizontal	Pass
3	5739.800	103.02	-0.80	--	--	Peak	93.00	100	Horizontal	N/A
3**	5739.800	94.73	-0.80	--	--	AV	93.00	100	Horizontal	N/A
4	7358.800	49.34	-4.09	74.0	-24.66	Peak	180.00	300	Horizontal	Pass
4**	7358.800	40.31	-4.09	54.0	-13.69	AV	180.00	300	Horizontal	Pass
5	11937.812	51.41	1.69	74.0	-22.59	Peak	163.00	200	Horizontal	Pass
5**	11937.812	42.30	1.69	54.0	-11.70	AV	163.00	200	Horizontal	Pass
6	15849.600	53.82	1.33	74.0	-20.18	Peak	162.00	200	Horizontal	Pass
6**	15849.600	44.29	1.33	54.0	-9.71	AV	162.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	45.58	-17.91	74.0	-28.42	Peak	53.00	100	Vertical	Pass
1**	1166.900	44.10	-17.91	54.0	-9.90	AV	53.00	100	Vertical	Pass
2	4349.800	51.11	-3.05	74.0	-22.89	Peak	304.00	100	Vertical	Pass
2**	4349.800	40.55	-3.05	54.0	-13.45	AV	304.00	100	Vertical	Pass
3	5743.600	94.56	-1.18	--	--	Peak	184.00	100	Vertical	N/A
3**	5743.600	87.31	-1.18	--	--	AV	184.00	100	Vertical	N/A
4	7660.100	49.57	-2.83	74.0	-24.43	Peak	86.00	400	Vertical	Pass
4**	7660.100	43.38	-2.83	54.0	-10.62	AV	86.00	400	Vertical	Pass
5	12227.613	51.23	1.31	74.0	-22.77	Peak	230.00	200	Vertical	Pass
5**	12227.613	42.33	1.31	54.0	-11.67	AV	230.00	200	Vertical	Pass
6	15822.825	53.76	1.74	74.0	-20.24	Peak	360.00	400	Vertical	Pass
6**	15822.825	44.06	1.74	54.0	-9.94	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	48.10	-17.91	74.0	-25.90	Peak	126.00	100	Horizontal	Pass
1**	1166.600	46.39	-17.91	54.0	-7.61	AV	126.00	100	Horizontal	Pass
2	4298.200	49.82	-4.15	74.0	-24.18	Peak	303.00	100	Horizontal	Pass
2**	4298.200	40.16	-4.15	54.0	-13.84	AV	303.00	100	Horizontal	Pass
3	5782.600	101.38	-0.95	--	--	Peak	98.00	200	Horizontal	N/A
3**	5782.600	93.34	-0.95	--	--	AV	98.00	200	Horizontal	N/A
4	7464.312	48.87	-3.68	74.0	-25.13	Peak	243.00	100	Horizontal	Pass
4**	7464.312	40.07	-3.68	54.0	-13.93	AV	243.00	100	Horizontal	Pass
5	12331.688	51.26	1.39	74.0	-22.74	Peak	143.00	150	Horizontal	Pass
5**	12331.688	41.12	1.39	54.0	-12.88	AV	143.00	150	Horizontal	Pass
6	15832.013	53.40	1.48	74.0	-20.60	Peak	198.00	200	Horizontal	Pass
6**	15832.013	44.22	1.48	54.0	-9.78	AV	198.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	44.82	-17.91	74.0	-29.18	Peak	40.00	100	Vertical	Pass
1**	1166.600	42.80	-17.91	54.0	-11.20	AV	40.00	100	Vertical	Pass
2	4356.000	50.29	-2.49	74.0	-23.71	Peak	50.00	200	Vertical	Pass
2**	4356.000	41.08	-2.49	54.0	-12.92	AV	50.00	200	Vertical	Pass
3	5786.600	94.53	-0.95	--	--	Peak	199.00	150	Vertical	N/A
3**	5786.600	87.29	-0.95	--	--	AV	199.00	150	Vertical	N/A
4	7373.175	49.39	-3.78	74.0	-24.61	Peak	249.00	200	Vertical	Pass
4**	7373.175	40.40	-3.78	54.0	-13.60	AV	249.00	200	Vertical	Pass
5	11227.400	51.07	-0.25	74.0	-22.93	Peak	249.00	200	Vertical	Pass
5**	11227.400	42.35	-0.25	54.0	-11.65	AV	249.00	200	Vertical	Pass
6	15846.713	53.74	1.36	74.0	-20.26	Peak	360.00	300	Vertical	Pass
6**	15846.713	45.06	1.36	54.0	-8.94	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	48.55	-17.91	74.0	-25.45	Peak	91.00	100	Horizontal	Pass
1**	1166.900	46.49	-17.91	54.0	-7.51	AV	91.00	100	Horizontal	Pass
2	4372.200	50.03	-3.09	74.0	-23.97	Peak	12.00	100	Horizontal	Pass
2**	4372.200	40.80	-3.09	54.0	-13.20	AV	12.00	100	Horizontal	Pass
3	5829.800	100.56	-1.14	--	--	Peak	284.00	100	Horizontal	N/A
3**	5829.800	92.59	-1.14	--	--	AV	284.00	100	Horizontal	N/A
4	7386.687	49.38	-3.94	74.0	-24.62	Peak	321.00	200	Horizontal	Pass
4**	7386.687	40.61	-3.94	54.0	-13.39	AV	321.00	200	Horizontal	Pass
5	11225.388	51.49	-0.23	74.0	-22.51	Peak	360.00	100	Horizontal	Pass
5**	11225.388	42.34	-0.23	54.0	-11.66	AV	360.00	100	Horizontal	Pass
6	15844.088	53.37	1.38	74.0	-20.63	Peak	194.00	100	Horizontal	Pass
6**	15844.088	45.50	1.38	54.0	-8.50	AV	194.00	100	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	1166.800	45.54	-17.91	74.0	-28.46	Peak	43.00	100	Vertical	Pass
1**	1166.800	43.03	-17.91	54.0	-10.97	AV	43.00	100	Vertical	Pass
2	4366.400	51.21	-2.97	74.0	-22.79	Peak	158.00	300	Vertical	Pass
2**	4366.400	40.52	-2.97	54.0	-13.48	AV	158.00	300	Vertical	Pass
3	5828.800	91.58	-1.21	--	--	Peak	158.00	200	Vertical	N/A
3**	5828.800	84.86	-1.21	--	--	AV	158.00	200	Vertical	N/A
4	7382.950	49.24	-3.84	74.0	-24.76	Peak	342.00	300	Vertical	Pass
4**	7382.950	40.29	-3.84	54.0	-13.71	AV	342.00	300	Vertical	Pass
5	11220.213	50.50	-0.21	74.0	-23.50	Peak	201.00	100	Vertical	Pass
5**	11220.213	41.87	-0.21	54.0	-12.13	AV	201.00	100	Vertical	Pass
6	15858.263	53.72	1.02	74.0	-20.28	Peak	336.00	200	Vertical	Pass
6**	15858.263	44.66	1.02	54.0	-9.34	AV	336.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	48.83	-17.91	74.0	-25.17	Peak	109.00	100	Horizontal	Pass
1**	1166.900	46.36	-17.91	54.0	-7.64	AV	109.00	100	Horizontal	Pass
2	4375.200	49.96	-3.02	74.0	-24.04	Peak	172.00	200	Horizontal	Pass
2**	4375.200	41.24	-3.02	54.0	-12.76	AV	172.00	200	Horizontal	Pass
3	5752.600	100.43	-1.10	--	--	Peak	97.00	100	Horizontal	N/A
3**	5752.600	92.52	-1.10	--	--	AV	97.00	100	Horizontal	N/A
4	7339.537	49.18	-3.50	74.0	-24.82	Peak	288.00	300	Horizontal	Pass
4**	7339.537	40.71	-3.50	54.0	-13.29	AV	288.00	300	Horizontal	Pass
5	11605.750	51.07	-0.01	74.0	-22.93	Peak	0.00	200	Horizontal	Pass
5**	11605.750	42.62	-0.01	54.0	-11.38	AV	0.00	200	Horizontal	Pass
6	15851.175	54.15	1.30	74.0	-19.85	Peak	149.00	200	Horizontal	Pass
6**	15851.175	45.42	1.30	54.0	-8.58	AV	149.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	47.30	-17.91	74.0	-26.70	Peak	42.00	100	Vertical	Pass
1**	1166.500	44.09	-17.91	54.0	-9.91	AV	42.00	100	Vertical	Pass
2	4146.000	49.19	-4.63	74.0	-24.81	Peak	21.00	100	Vertical	Pass
2**	4146.000	39.78	-4.63	54.0	-14.22	AV	21.00	100	Vertical	Pass
3	5756.800	94.19	-1.15	--	--	Peak	194.00	100	Vertical	N/A
3**	5756.800	86.98	-1.15	--	--	AV	194.00	100	Vertical	N/A
4	7351.325	49.74	-3.86	74.0	-24.26	Peak	283.00	300	Vertical	Pass
4**	7351.325	40.59	-3.86	54.0	-13.41	AV	283.00	300	Vertical	Pass
5	12219.563	51.37	1.22	74.0	-22.63	Peak	324.00	200	Vertical	Pass
5**	12219.563	42.76	1.22	54.0	-11.24	AV	324.00	200	Vertical	Pass
6	16095.563	54.05	1.31	74.0	-19.95	Peak	360.00	200	Vertical	Pass
6**	16095.563	44.36	1.31	54.0	-9.64	AV	360.00	200	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	1166.600	48.60	-17.91	74.0	-25.40	Peak	47.00	100	Horizontal	Pass
1**	1166.600	46.39	-17.91	54.0	-7.61	AV	47.00	100	Horizontal	Pass
2	4283.200	49.27	-3.26	74.0	-24.73	Peak	9.00	100	Horizontal	Pass
2**	4283.200	40.48	-3.26	54.0	-13.52	AV	9.00	100	Horizontal	Pass
3	5787.800	99.01	-1.32	--	--	Peak	94.00	100	Horizontal	N/A
3**	5787.800	91.12	-1.32	--	--	AV	94.00	100	Horizontal	N/A
4	7384.388	49.45	-3.86	74.0	-24.55	Peak	268.00	100	Horizontal	Pass
4**	7384.388	39.99	-3.86	54.0	-14.01	AV	268.00	100	Horizontal	Pass
5	11543.650	51.31	-0.55	74.0	-22.69	Peak	251.00	150	Horizontal	Pass
5**	11543.650	41.46	-0.55	54.0	-12.54	AV	251.00	150	Horizontal	Pass
6	15840.151	53.44	1.44	74.0	-20.56	Peak	40.00	300	Horizontal	Pass
6**	15840.151	44.84	1.44	54.0	-9.16	AV	40.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	44.60	-17.91	74.0	-29.40	Peak	39.00	100	Vertical	Pass
1**	1166.300	40.74	-17.91	54.0	-13.26	AV	39.00	100	Vertical	Pass
2	4372.200	50.53	-3.09	74.0	-23.47	Peak	360.00	300	Vertical	Pass
2**	4372.200	40.72	-3.09	54.0	-13.28	AV	360.00	300	Vertical	Pass
3	5798.000	91.93	-1.54	--	--	Peak	155.00	100	Vertical	N/A
3**	5798.000	84.77	-1.54	--	--	AV	155.00	100	Vertical	N/A
4	7353.050	49.65	-3.87	74.0	-24.35	Peak	251.00	300	Vertical	Pass
4**	7353.050	40.24	-3.87	54.0	-13.76	AV	251.00	300	Vertical	Pass
5	10918.338	51.59	0.22	74.0	-22.41	Peak	269.00	100	Vertical	Pass
5**	10918.338	42.05	0.22	54.0	-11.95	AV	269.00	100	Vertical	Pass
6	15846.713	53.87	1.36	74.0	-20.13	Peak	219.00	300	Vertical	Pass
6**	15846.713	44.71	1.36	54.0	-9.29	AV	219.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.76	-17.91	74.0	-25.24	Peak	105.00	100	Horizontal	Pass
1**	1166.700	46.48	-17.91	54.0	-7.52	AV	105.00	100	Horizontal	Pass
2	4356.200	50.86	-2.42	74.0	-23.14	Peak	309.00	200	Horizontal	Pass
2**	4356.200	41.40	-2.42	54.0	-12.60	AV	309.00	200	Horizontal	Pass
3	5761.200	97.30	-0.95	--	--	Peak	296.00	100	Horizontal	N/A
3**	5761.200	90.13	-0.95	--	--	AV	296.00	100	Horizontal	N/A
4	7369.725	49.71	-4.08	74.0	-24.29	Peak	57.00	400	Horizontal	Pass
4**	7369.725	41.05	-4.08	54.0	-12.95	AV	57.00	400	Horizontal	Pass
5	12234.512	50.97	1.17	74.0	-23.03	Peak	251.00	100	Horizontal	Pass
5**	12234.512	41.71	1.17	54.0	-12.29	AV	251.00	100	Horizontal	Pass
6	15864.300	53.45	0.83	74.0	-20.55	Peak	0.00	400	Horizontal	Pass
6**	15864.300	43.79	0.83	54.0	-10.21	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	45.10	-17.91	74.0	-28.90	Peak	44.00	100	Vertical	Pass
1**	1166.900	43.28	-17.91	54.0	-10.72	AV	44.00	100	Vertical	Pass
2	4347.200	50.44	-2.96	74.0	-23.56	Peak	61.00	100	Vertical	Pass
2**	4347.200	40.50	-2.96	54.0	-13.50	AV	61.00	100	Vertical	Pass
3	5760.600	90.12	-1.01	--	--	Peak	201.00	150	Vertical	N/A
3**	5760.600	82.76	-1.01	--	--	AV	201.00	150	Vertical	N/A
4	7669.300	49.49	-2.21	74.0	-24.51	Peak	82.00	200	Vertical	Pass
4**	7669.300	39.71	-2.21	54.0	-14.29	AV	82.00	200	Vertical	Pass
5	12211.800	51.62	1.08	74.0	-22.38	Peak	224.00	100	Vertical	Pass
5**	12211.800	41.58	1.08	54.0	-12.42	AV	224.00	100	Vertical	Pass
6	15855.375	53.70	1.17	74.0	-20.30	Peak	203.00	200	Vertical	Pass
6**	15855.375	44.70	1.17	54.0	-9.30	AV	203.00	200	Vertical	Pass

MIMO

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	1166.600	48.04	-17.91	74.0	-25.96	Peak	119.00	100	Horizontal	Pass
1**	1166.600	46.19	-17.91	54.0	-7.81	AV	119.00	100	Horizontal	Pass
2	4384.400	50.32	-2.90	74.0	-23.68	Peak	8.00	200	Horizontal	Pass
2**	4384.400	41.07	-2.90	54.0	-12.93	AV	8.00	200	Horizontal	Pass
3	5187.000	106.13	-1.53	--	--	Peak	140.00	100	Horizontal	N/A
3**	5187.000	98.10	-1.53	--	--	AV	140.00	100	Horizontal	N/A
4	7379.788	50.32	-3.61	74.0	-23.68	Peak	0.00	400	Horizontal	Pass
4**	7379.788	40.86	-3.61	54.0	-13.14	AV	0.00	400	Horizontal	Pass
5	11624.438	50.87	-0.12	74.0	-23.13	Peak	271.00	200	Horizontal	Pass
5**	11624.438	40.89	-0.12	54.0	-13.11	AV	271.00	200	Horizontal	Pass
6	15827.550	53.41	1.57	74.0	-20.59	Peak	53.00	400	Horizontal	Pass
6**	15827.550	44.05	1.57	54.0	-9.95	AV	53.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	45.42	-17.91	74.0	-28.58	Peak	56.00	100	Vertical	Pass
1**	1166.500	42.45	-17.91	54.0	-11.55	AV	56.00	100	Vertical	Pass
2	4284.200	49.51	-3.01	74.0	-24.49	Peak	68.00	100	Vertical	Pass
2**	4284.200	41.24	-3.01	54.0	-12.76	AV	68.00	100	Vertical	Pass
3	5178.200	95.48	-1.79	--	--	Peak	249.00	100	Vertical	N/A
3**	5178.200	87.23	-1.79	--	--	AV	249.00	100	Vertical	N/A
4	7358.225	50.10	-4.10	74.0	-23.90	Peak	270.00	400	Vertical	Pass
4**	7358.225	40.86	-4.10	54.0	-13.14	AV	270.00	400	Vertical	Pass
5	10913.450	51.34	0.19	74.0	-22.66	Peak	78.00	200	Vertical	Pass
5**	10913.450	42.33	0.19	54.0	-11.67	AV	78.00	200	Vertical	Pass
6	15842.775	53.98	1.40	74.0	-20.02	Peak	298.00	300	Vertical	Pass
6**	15842.775	44.46	1.40	54.0	-9.54	AV	298.00	300	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	1166.600	47.65	-17.91	74.0	-26.35	Peak	98.00	100	Horizontal	Pass
1**	1166.600	46.52	-17.91	54.0	-7.48	AV	98.00	100	Horizontal	Pass
2	4368.200	50.00	-2.84	74.0	-24.00	Peak	0.00	100	Horizontal	Pass
2**	4368.200	41.22	-2.84	54.0	-12.78	AV	0.00	100	Horizontal	Pass
3	5225.800	104.80	-2.42	--	--	Peak	139.00	150	Horizontal	N/A
3**	5225.800	97.48	-2.42	--	--	AV	139.00	150	Horizontal	N/A
4	7372.313	49.63	-3.83	74.0	-24.37	Peak	64.00	400	Horizontal	Pass
4**	7372.313	40.35	-3.83	54.0	-13.65	AV	64.00	400	Horizontal	Pass
5	10925.237	51.36	0.15	74.0	-22.64	Peak	269.00	200	Horizontal	Pass
5**	10925.237	42.30	0.15	54.0	-11.70	AV	269.00	200	Horizontal	Pass
6	15855.638	53.97	1.16	74.0	-20.03	Peak	313.00	300	Horizontal	Pass
6**	15855.638	44.54	1.16	54.0	-9.46	AV	313.00	300	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	1166.500	45.16	-17.91	74.0	-28.84	Peak	42.00	100	Vertical	Pass
1**	1166.500	42.29	-17.91	54.0	-11.71	AV	42.00	100	Vertical	Pass
2	4217.200	49.54	-5.03	74.0	-24.46	Peak	261.00	100	Vertical	Pass
2**	4217.200	39.45	-5.03	54.0	-14.55	AV	261.00	100	Vertical	Pass
3	5226.200	94.78	-2.47	--	--	Peak	249.00	100	Vertical	N/A
3**	5226.200	86.95	-2.47	--	--	AV	249.00	100	Vertical	N/A
4	7376.912	49.53	-3.73	74.0	-24.47	Peak	31.00	300	Vertical	Pass
4**	7376.912	40.32	-3.73	54.0	-13.68	AV	31.00	300	Vertical	Pass
5	12213.238	51.17	1.13	74.0	-22.83	Peak	0.00	150	Vertical	Pass
5**	12213.238	42.06	1.13	54.0	-11.94	AV	0.00	150	Vertical	Pass
6	15839.100	54.32	1.45	74.0	-19.68	Peak	340.00	200	Vertical	Pass
6**	15839.100	44.82	1.45	54.0	-9.18	AV	340.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.38	-17.91	74.0	-25.62	Peak	121.00	100	Horizontal	Pass
1**	1166.700	46.29	-17.91	54.0	-7.71	AV	121.00	100	Horizontal	Pass
2	4120.200	49.95	-4.95	74.0	-24.05	Peak	32.00	200	Horizontal	Pass
2**	4120.200	39.36	-4.95	54.0	-14.64	AV	32.00	200	Horizontal	Pass
3	5237.200	105.86	-1.86	--	--	Peak	151.00	150	Horizontal	N/A
3**	5237.200	99.16	-1.86	--	--	AV	151.00	150	Horizontal	N/A
4	7370.300	49.34	-4.02	74.0	-24.66	Peak	289.00	400	Horizontal	Pass
4**	7370.300	40.73	-4.02	54.0	-13.27	AV	289.00	400	Horizontal	Pass
5	11221.075	51.26	-0.21	74.0	-22.74	Peak	0.00	100	Horizontal	Pass
5**	11221.075	41.83	-0.21	54.0	-12.17	AV	0.00	100	Horizontal	Pass
6	15827.025	53.65	1.58	74.0	-20.35	Peak	207.00	200	Horizontal	Pass
6**	15827.025	44.31	1.58	54.0	-9.69	AV	207.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	46.06	-17.91	74.0	-27.94	Peak	41.00	100	Vertical	Pass
1**	1166.900	42.98	-17.91	54.0	-11.02	AV	41.00	100	Vertical	Pass
2	4379.600	49.96	-3.01	74.0	-24.04	Peak	206.00	300	Vertical	Pass
2**	4379.600	40.84	-3.01	54.0	-13.16	AV	206.00	300	Vertical	Pass
3	5237.000	94.60	-1.86	--	--	Peak	241.00	100	Vertical	N/A
3**	5237.000	87.23	-1.86	--	--	AV	241.00	100	Vertical	N/A
4	7361.388	49.48	-4.01	74.0	-24.52	Peak	360.00	100	Vertical	Pass
4**	7361.388	41.46	-4.01	54.0	-12.54	AV	360.00	100	Vertical	Pass
5	11219.925	51.15	-0.21	74.0	-22.85	Peak	327.00	150	Vertical	Pass
5**	11219.925	42.57	-0.21	54.0	-11.43	AV	327.00	150	Vertical	Pass
6	15998.437	53.40	0.26	74.0	-20.60	Peak	189.00	400	Vertical	Pass
6**	15998.437	44.47	0.26	54.0	-9.53	AV	189.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.15	-17.91	74.0	-25.85	Peak	117.00	100	Horizontal	Pass
1**	1166.700	46.60	-17.91	54.0	-7.40	AV	117.00	100	Horizontal	Pass
2	4281.200	50.01	-3.59	74.0	-23.99	Peak	183.00	100	Horizontal	Pass
2**	4281.200	40.67	-3.59	54.0	-13.33	AV	183.00	100	Horizontal	Pass
3	5187.200	103.70	-1.53	--	--	Peak	135.00	150	Horizontal	N/A
3**	5187.200	96.31	-1.53	--	--	AV	135.00	150	Horizontal	N/A
4	7355.925	49.66	-4.08	74.0	-24.34	Peak	110.00	300	Horizontal	Pass
4**	7355.925	40.64	-4.08	54.0	-13.36	AV	110.00	300	Horizontal	Pass
5	12212.950	51.55	1.12	74.0	-22.45	Peak	186.00	200	Horizontal	Pass
5**	12212.950	42.21	1.12	54.0	-11.79	AV	186.00	200	Horizontal	Pass
6	15833.062	53.70	1.47	74.0	-20.30	Peak	282.00	100	Horizontal	Pass
6**	15833.062	45.07	1.47	54.0	-8.93	AV	282.00	100	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	1166.500	46.54	-17.91	74.0	-27.46	Peak	42.00	100	Vertical	Pass
1**	1166.500	44.27	-17.91	54.0	-9.73	AV	42.00	100	Vertical	Pass
2	4356.600	50.01	-2.39	74.0	-23.99	Peak	63.00	200	Vertical	Pass
2**	4356.600	41.06	-2.39	54.0	-12.94	AV	63.00	200	Vertical	Pass
3	5192.800	93.49	-2.05	--	--	Peak	242.00	100	Vertical	N/A
3**	5192.800	85.98	-2.05	--	--	AV	242.00	100	Vertical	N/A
4	7363.687	49.33	-4.01	74.0	-24.67	Peak	290.00	300	Vertical	Pass
4**	7363.687	40.26	-4.01	54.0	-13.74	AV	290.00	300	Vertical	Pass
5	11592.526	51.41	-0.19	74.0	-22.59	Peak	179.00	200	Vertical	Pass
5**	11592.526	41.70	-0.19	54.0	-12.30	AV	179.00	200	Vertical	Pass
6	15845.401	53.76	1.37	74.0	-20.24	Peak	327.00	300	Vertical	Pass
6**	15845.401	44.38	1.37	54.0	-9.62	AV	327.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	47.85	-17.91	74.0	-26.15	Peak	119.00	100	Horizontal	Pass
1**	1166.700	46.35	-17.91	54.0	-7.65	AV	119.00	100	Horizontal	Pass
2	4218.000	48.98	-4.98	74.0	-25.02	Peak	0.00	100	Horizontal	Pass
2**	4218.000	39.87	-4.98	54.0	-14.13	AV	0.00	100	Horizontal	Pass
3	5197.000	102.94	-2.12	--	--	Peak	137.00	100	Horizontal	N/A
3**	5197.000	95.27	-2.12	--	--	AV	137.00	100	Horizontal	N/A
4	7376.912	49.35	-3.73	74.0	-24.65	Peak	0.00	400	Horizontal	Pass
4**	7376.912	40.96	-3.73	54.0	-13.04	AV	0.00	400	Horizontal	Pass
5	10919.200	51.32	0.23	74.0	-22.68	Peak	52.00	200	Horizontal	Pass
5**	10919.200	42.10	0.23	54.0	-11.90	AV	52.00	200	Horizontal	Pass
6	15856.162	54.35	1.13	74.0	-19.65	Peak	275.00	400	Horizontal	Pass
6**	15856.162	45.18	1.13	54.0	-8.82	AV	275.00	400	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	1166.600	46.87	-17.91	74.0	-27.13	Peak	44.00	100	Vertical	Pass
1**	1166.600	44.80	-17.91	54.0	-9.20	AV	44.00	100	Vertical	Pass
2	4210.200	49.67	-4.65	74.0	-24.33	Peak	360.00	100	Vertical	Pass
2**	4210.200	40.88	-4.65	54.0	-13.12	AV	360.00	100	Vertical	Pass
3	5186.000	93.45	-1.48	--	--	Peak	246.00	100	Vertical	N/A
3**	5186.000	85.77	-1.48	--	--	AV	246.00	100	Vertical	N/A
4	7380.650	49.53	-3.65	74.0	-24.47	Peak	347.00	100	Vertical	Pass
4**	7380.650	41.71	-3.65	54.0	-12.29	AV	347.00	100	Vertical	Pass
5	10939.325	51.54	-0.06	74.0	-22.46	Peak	182.00	200	Vertical	Pass
5**	10939.325	41.70	-0.06	54.0	-12.30	AV	182.00	200	Vertical	Pass
6	15854.588	54.52	1.20	74.0	-19.48	Peak	360.00	200	Vertical	Pass
6**	15854.588	44.13	1.20	54.0	-9.87	AV	360.00	200	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	1166.500	49.68	-17.91	74.0	-24.32	Peak	124.00	100	Horizontal	Pass
1**	1166.500	48.05	-17.91	54.0	-5.95	AV	124.00	100	Horizontal	Pass
2	4313.200	49.95	-4.33	74.0	-24.05	Peak	28.00	100	Horizontal	Pass
2**	4313.200	39.45	-4.33	54.0	-14.55	AV	28.00	100	Horizontal	Pass
3	5185.400	105.76	-1.46	--	--	Peak	143.00	200	Horizontal	N/A
3**	5185.400	97.76	-1.46	--	--	AV	143.00	200	Horizontal	N/A
4	7363.400	49.24	-4.01	74.0	-24.76	Peak	58.00	400	Horizontal	Pass
4**	7363.400	40.68	-4.01	54.0	-13.32	AV	58.00	400	Horizontal	Pass
5	10938.463	51.68	-0.05	74.0	-22.32	Peak	163.00	200	Horizontal	Pass
5**	10938.463	41.69	-0.05	54.0	-12.31	AV	163.00	200	Horizontal	Pass
6	15840.151	52.34	1.44	74.0	-21.66	Peak	0.00	100	Horizontal	Pass
6**	15840.151	42.63	1.44	54.0	-11.37	AV	0.00	100	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	1166.600	45.06	-17.91	74.0	-28.94	Peak	45.00	100	Vertical	Pass
1**	1166.600	42.84	-17.91	54.0	-11.16	AV	45.00	100	Vertical	Pass
2	3966.400	49.56	-4.50	74.0	-24.44	Peak	248.00	100	Vertical	Pass
2**	3966.400	39.68	-4.50	54.0	-14.32	AV	248.00	100	Vertical	Pass
3	5178.400	95.68	-1.77	--	--	Peak	248.00	150	Vertical	N/A
3**	5178.400	87.71	-1.77	--	--	AV	248.00	150	Vertical	N/A
4	7377.200	49.46	-3.72	74.0	-24.54	Peak	217.00	100	Vertical	Pass
4**	7377.200	40.11	-3.72	54.0	-13.89	AV	217.00	100	Vertical	Pass
5	11712.125	51.75	0.68	74.0	-22.25	Peak	89.00	200	Vertical	Pass
5**	11712.125	41.26	0.68	54.0	-12.74	AV	89.00	200	Vertical	Pass
6	15852.750	53.44	1.26	74.0	-20.56	Peak	184.00	100	Vertical	Pass
6**	15852.750	44.82	1.26	54.0	-9.18	AV	184.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	48.35	-17.91	74.0	-25.65	Peak	91.00	100	Horizontal	Pass
1**	1166.800	46.43	-17.91	54.0	-7.57	AV	91.00	100	Horizontal	Pass
2	4209.000	50.00	-4.58	74.0	-24.00	Peak	223.00	100	Horizontal	Pass
2**	4209.000	41.47	-4.58	54.0	-12.53	AV	223.00	100	Horizontal	Pass
3	5225.800	104.61	-2.42	--	--	Peak	140.00	150	Horizontal	N/A
3**	5225.800	97.41	-2.42	--	--	AV	140.00	150	Horizontal	N/A
4	7358.225	49.68	-4.10	74.0	-24.32	Peak	284.00	300	Horizontal	Pass
4**	7358.225	40.31	-4.10	54.0	-13.69	AV	284.00	300	Horizontal	Pass
5	12226.750	51.28	1.31	74.0	-22.72	Peak	360.00	150	Horizontal	Pass
5**	12226.750	41.97	1.31	54.0	-12.03	AV	360.00	150	Horizontal	Pass
6	15842.250	53.85	1.41	74.0	-20.15	Peak	253.00	100	Horizontal	Pass
6**	15842.250	45.34	1.41	54.0	-8.66	AV	253.00	100	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	1166.500	45.49	-17.91	74.0	-28.51	Peak	38.00	100	Vertical	Pass
1**	1166.500	42.57	-17.91	54.0	-11.43	AV	38.00	100	Vertical	Pass
2	4138.400	49.71	-4.48	74.0	-24.29	Peak	81.00	100	Vertical	Pass
2**	4138.400	41.12	-4.48	54.0	-12.88	AV	81.00	100	Vertical	Pass
3	5224.600	95.51	-2.56	--	--	Peak	250.00	200	Vertical	N/A
3**	5224.600	87.06	-2.56	--	--	AV	250.00	200	Vertical	N/A
4	7378.062	49.08	-3.71	74.0	-24.92	Peak	315.00	200	Vertical	Pass
4**	7378.062	41.55	-3.71	54.0	-12.45	AV	315.00	200	Vertical	Pass
5	11226.250	52.22	-0.24	74.0	-21.78	Peak	166.00	200	Vertical	Pass
5**	11226.250	42.14	-0.24	54.0	-11.86	AV	166.00	200	Vertical	Pass
6	15823.612	53.87	1.71	74.0	-20.13	Peak	55.00	300	Vertical	Pass
6**	15823.612	44.48	1.71	54.0	-9.52	AV	55.00	300	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	1166.700	47.85	-17.91	74.0	-26.15	Peak	119.00	100	Horizontal	Pass
1**	1166.700	46.56	-17.91	54.0	-7.44	AV	119.00	100	Horizontal	Pass
2	4043.400	49.49	-4.38	74.0	-24.51	Peak	141.00	100	Horizontal	Pass
2**	4043.400	39.46	-4.38	54.0	-14.54	AV	141.00	100	Horizontal	Pass
3	5237.400	106.12	-1.86	--	--	Peak	141.00	150	Horizontal	N/A
3**	5237.400	98.54	-1.86	--	--	AV	141.00	150	Horizontal	N/A
4	7370.588	49.83	-3.99	74.0	-24.17	Peak	97.00	100	Horizontal	Pass
4**	7370.588	40.75	-3.99	54.0	-13.25	AV	97.00	100	Horizontal	Pass
5	11213.025	51.29	-0.20	74.0	-22.71	Peak	0.00	100	Horizontal	Pass
5**	11213.025	42.51	-0.20	54.0	-11.49	AV	0.00	100	Horizontal	Pass
6	15827.287	53.59	1.57	74.0	-20.41	Peak	38.00	200	Horizontal	Pass
6**	15827.287	44.17	1.57	54.0	-9.83	AV	38.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	45.21	-17.91	74.0	-28.79	Peak	53.00	100	Vertical	Pass
1**	1166.600	42.87	-17.91	54.0	-11.13	AV	53.00	100	Vertical	Pass
2	4376.600	49.76	-2.91	74.0	-24.24	Peak	308.00	400	Vertical	Pass
2**	4376.600	40.90	-2.91	54.0	-13.10	AV	308.00	400	Vertical	Pass
3	5233.400	94.55	-2.06	--	--	Peak	243.00	200	Vertical	N/A
3**	5233.400	86.28	-2.06	--	--	AV	243.00	200	Vertical	N/A
4	7363.400	49.45	-4.01	74.0	-24.55	Peak	113.00	200	Vertical	Pass
4**	7363.400	40.25	-4.01	54.0	-13.75	AV	113.00	200	Vertical	Pass
5	11064.388	51.06	-0.94	74.0	-22.94	Peak	296.00	100	Vertical	Pass
5**	11064.388	40.89	-0.94	54.0	-13.11	AV	296.00	100	Vertical	Pass
6	15840.938	54.23	1.43	74.0	-19.77	Peak	338.00	400	Vertical	Pass
6**	15840.938	45.33	1.43	54.0	-8.67	AV	338.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.000	47.39	-17.92	74.0	-26.61	Peak	49.00	100	Horizontal	Pass
1**	1167.000	45.96	-17.92	54.0	-8.04	AV	49.00	100	Horizontal	Pass
2	4343.200	50.01	-3.64	74.0	-23.99	Peak	157.00	200	Horizontal	Pass
2**	4343.200	40.32	-3.64	54.0	-13.68	AV	157.00	200	Horizontal	Pass
3	5186.800	103.10	-1.52	--	--	Peak	135.00	200	Horizontal	N/A
3**	5186.800	95.62	-1.52	--	--	AV	135.00	200	Horizontal	N/A
4	7376.912	49.27	-3.73	74.0	-24.73	Peak	267.00	400	Horizontal	Pass
4**	7376.912	40.39	-3.73	54.0	-13.61	AV	267.00	400	Horizontal	Pass
5	11596.838	52.05	-0.13	74.0	-21.95	Peak	50.00	100	Horizontal	Pass
5**	11596.838	41.98	-0.13	54.0	-12.02	AV	50.00	100	Horizontal	Pass
6	15850.125	53.94	1.33	74.0	-20.06	Peak	73.00	200	Horizontal	Pass
6**	15850.125	45.23	1.33	54.0	-8.77	AV	73.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	45.03	-17.91	74.0	-28.97	Peak	42.00	100	Vertical	Pass
1**	1166.600	42.90	-17.91	54.0	-11.10	AV	42.00	100	Vertical	Pass
2	3947.200	48.74	-4.97	74.0	-25.26	Peak	7.00	100	Vertical	Pass
2**	3947.200	39.09	-4.97	54.0	-14.91	AV	7.00	100	Vertical	Pass
3	5202.400	92.59	-2.01	--	--	Peak	247.00	100	Vertical	N/A
3**	5202.400	85.64	-2.01	--	--	AV	247.00	100	Vertical	N/A
4	7368.862	48.96	-4.07	74.0	-25.04	Peak	266.00	200	Vertical	Pass
4**	7368.862	40.28	-4.07	54.0	-13.72	AV	266.00	200	Vertical	Pass
5	10916.037	51.87	0.21	74.0	-22.13	Peak	299.00	100	Vertical	Pass
5**	10916.037	41.50	0.21	54.0	-12.50	AV	299.00	100	Vertical	Pass
6	15841.463	53.35	1.42	74.0	-20.65	Peak	184.00	100	Vertical	Pass
6**	15841.463	44.62	1.42	54.0	-9.38	AV	184.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	48.09	-17.91	74.0	-25.91	Peak	49.00	100	Horizontal	Pass
1**	1166.900	46.69	-17.91	54.0	-7.31	AV	49.00	100	Horizontal	Pass
2	4356.600	49.78	-2.39	74.0	-24.22	Peak	331.00	100	Horizontal	Pass
2**	4356.600	42.20	-2.39	54.0	-11.80	AV	331.00	100	Horizontal	Pass
3	5239.000	103.21	-1.88	--	--	Peak	141.00	200	Horizontal	N/A
3**	5239.000	94.76	-1.88	--	--	AV	141.00	200	Horizontal	N/A
4	7337.525	49.32	-3.54	74.0	-24.68	Peak	152.00	200	Horizontal	Pass
4**	7337.525	40.23	-3.54	54.0	-13.77	AV	152.00	200	Horizontal	Pass
5	11593.675	51.45	-0.18	74.0	-22.55	Peak	331.00	150	Horizontal	Pass
5**	11593.675	41.42	-0.18	54.0	-12.58	AV	331.00	150	Horizontal	Pass
6	15852.225	53.61	1.27	74.0	-20.39	Peak	90.00	400	Horizontal	Pass
6**	15852.225	44.50	1.27	54.0	-9.50	AV	90.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	44.92	-17.91	74.0	-29.08	Peak	44.00	100	Vertical	Pass
1**	1166.800	43.21	-17.91	54.0	-10.79	AV	44.00	100	Vertical	Pass
2	4370.200	50.20	-2.83	74.0	-23.80	Peak	241.00	100	Vertical	Pass
2**	4370.200	41.04	-2.83	54.0	-12.96	AV	241.00	100	Vertical	Pass
3	5225.800	92.84	-2.42	--	--	Peak	251.00	150	Vertical	N/A
3**	5225.800	85.58	-2.42	--	--	AV	251.00	150	Vertical	N/A
4	7360.813	49.45	-4.02	74.0	-24.55	Peak	85.00	400	Vertical	Pass
4**	7360.813	40.26	-4.02	54.0	-13.74	AV	85.00	400	Vertical	Pass
5	11811.025	51.60	0.93	74.0	-22.40	Peak	264.00	100	Vertical	Pass
5**	11811.025	41.83	0.93	54.0	-12.17	AV	264.00	100	Vertical	Pass
6	15843.299	53.55	1.39	74.0	-20.45	Peak	14.00	100	Vertical	Pass
6**	15843.299	45.36	1.39	54.0	-8.64	AV	14.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	49.76	-17.91	74.0	-24.24	Peak	116.00	100	Horizontal	Pass
1**	1166.700	48.66	-17.91	54.0	-5.34	AV	116.00	100	Horizontal	Pass
2	4363.600	50.49	-2.70	74.0	-23.51	Peak	183.00	100	Horizontal	Pass
2**	4363.600	41.44	-2.70	54.0	-12.56	AV	183.00	100	Horizontal	Pass
3	5232.000	100.70	-2.14	--	--	Peak	141.00	200	Horizontal	N/A
3**	5232.000	92.40	-2.14	--	--	AV	141.00	200	Horizontal	N/A
4	7378.350	49.59	-3.69	74.0	-24.41	Peak	185.00	400	Horizontal	Pass
4**	7378.350	41.22	-3.69	54.0	-12.78	AV	185.00	400	Horizontal	Pass
5	11601.150	51.16	-0.05	74.0	-22.84	Peak	234.00	150	Horizontal	Pass
5**	11601.150	42.09	-0.05	54.0	-11.91	AV	234.00	150	Horizontal	Pass
6	15848.287	53.36	1.34	74.0	-20.64	Peak	0.00	100	Horizontal	Pass
6**	15848.287	45.13	1.34	54.0	-8.87	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	45.04	-17.91	74.0	-28.96	Peak	43.00	100	Vertical	Pass
1**	1166.600	43.10	-17.91	54.0	-10.90	AV	43.00	100	Vertical	Pass
2	4046.800	49.74	-4.31	74.0	-24.26	Peak	233.00	400	Vertical	Pass
2**	4046.800	40.17	-4.31	54.0	-13.83	AV	233.00	400	Vertical	Pass
3	5189.600	90.88	-1.86	--	--	Peak	244.00	100	Vertical	N/A
3**	5189.600	82.99	-1.86	--	--	AV	244.00	100	Vertical	N/A
4	7373.175	49.45	-3.78	74.0	-24.55	Peak	136.00	100	Vertical	Pass
4**	7373.175	40.02	-3.78	54.0	-13.98	AV	136.00	100	Vertical	Pass
5	11925.450	51.28	1.52	74.0	-22.72	Peak	24.00	150	Vertical	Pass
5**	11925.450	41.02	1.52	54.0	-12.98	AV	24.00	150	Vertical	Pass
6	15856.687	53.48	1.10	74.0	-20.52	Peak	205.00	300	Vertical	Pass
6**	15856.687	44.21	1.10	54.0	-9.79	AV	205.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	47.89	-17.91	74.0	-26.11	Peak	111.00	100	Horizontal	Pass
1**	1166.400	44.92	-17.91	54.0	-9.08	AV	111.00	100	Horizontal	Pass
2	4284.000	50.26	-3.04	74.0	-23.74	Peak	174.00	400	Horizontal	Pass
2**	4284.000	41.11	-3.04	54.0	-12.89	AV	174.00	400	Horizontal	Pass
3	5738.800	109.13	-0.86	--	--	Peak	153.00	200	Horizontal	N/A
3**	5738.800	101.04	-0.86	--	--	AV	153.00	200	Horizontal	N/A
4	7670.450	49.65	-2.42	74.0	-24.35	Peak	63.00	400	Horizontal	Pass
4**	7670.450	39.61	-2.42	54.0	-14.39	AV	63.00	400	Horizontal	Pass
5	12224.737	51.90	1.30	74.0	-22.10	Peak	111.00	100	Horizontal	Pass
5**	12224.737	41.96	1.30	54.0	-12.04	AV	111.00	100	Horizontal	Pass
6	15841.463	54.63	1.42	74.0	-19.37	Peak	288.00	100	Horizontal	Pass
6**	15841.463	45.00	1.42	54.0	-9.00	AV	288.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	43.53	-17.12	74.0	-30.47	Peak	102.00	100	Vertical	Pass
1**	1332.400	35.83	-17.12	54.0	-18.17	AV	102.00	100	Vertical	Pass
2	4383.600	50.22	-2.90	74.0	-23.78	Peak	305.00	400	Vertical	Pass
2**	4383.600	40.95	-2.90	54.0	-13.05	AV	305.00	400	Vertical	Pass
3	5743.400	98.66	-1.19	--	--	Peak	110.00	100	Vertical	N/A
3**	5743.400	91.11	-1.19	--	--	AV	110.00	100	Vertical	N/A
4	7380.362	49.58	-3.61	74.0	-24.42	Peak	204.00	100	Vertical	Pass
4**	7380.362	40.75	-3.61	54.0	-13.25	AV	204.00	100	Vertical	Pass
5	10927.537	51.30	0.12	74.0	-22.70	Peak	156.00	200	Vertical	Pass
5**	10927.537	42.24	0.12	54.0	-11.76	AV	156.00	200	Vertical	Pass
6	16114.725	53.30	0.69	74.0	-20.70	Peak	15.00	300	Vertical	Pass
6**	16114.725	43.85	0.69	54.0	-10.15	AV	15.00	300	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	1166.700	48.01	-17.91	74.0	-25.99	Peak	125.00	100	Horizontal	Pass
1**	1166.700	46.48	-17.91	54.0	-7.52	AV	125.00	100	Horizontal	Pass
2	4294.200	49.87	-3.94	74.0	-24.13	Peak	295.00	100	Horizontal	Pass
2**	4294.200	40.24	-3.94	54.0	-13.76	AV	295.00	100	Horizontal	Pass
3	5791.600	107.19	-1.61	--	--	Peak	156.00	200	Horizontal	N/A
3**	5791.600	98.14	-1.61	--	--	AV	156.00	200	Horizontal	N/A
4	7349.313	49.03	-3.86	74.0	-24.97	Peak	153.00	400	Horizontal	Pass
4**	7349.313	39.90	-3.86	54.0	-14.10	AV	153.00	400	Horizontal	Pass
5	11848.974	51.41	1.13	74.0	-22.59	Peak	0.00	150	Horizontal	Pass
5**	11848.974	40.92	1.13	54.0	-13.08	AV	0.00	150	Horizontal	Pass
6	15847.763	53.62	1.35	74.0	-20.38	Peak	259.00	100	Horizontal	Pass
6**	15847.763	44.66	1.35	54.0	-9.34	AV	259.00	100	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	1166.700	45.23	-17.91	74.0	-28.77	Peak	96.00	100	Vertical	Pass
1**	1166.700	40.77	-17.91	54.0	-13.23	AV	96.00	100	Vertical	Pass
2	4388.400	49.55	-2.96	74.0	-24.45	Peak	185.00	300	Vertical	Pass
2**	4388.400	41.02	-2.96	54.0	-12.98	AV	185.00	300	Vertical	Pass
3	5791.600	98.26	-1.61	--	--	Peak	101.00	100	Vertical	N/A
3**	5791.600	91.25	-1.61	--	--	AV	101.00	100	Vertical	N/A
4	7370.875	48.93	-3.96	74.0	-25.07	Peak	0.00	400	Vertical	Pass
4**	7370.875	40.78	-3.96	54.0	-13.22	AV	0.00	400	Vertical	Pass
5	10943.062	51.66	-0.10	74.0	-22.34	Peak	312.00	200	Vertical	Pass
5**	10943.062	41.40	-0.10	54.0	-12.60	AV	312.00	200	Vertical	Pass
6	16110.525	53.66	0.76	74.0	-20.34	Peak	15.00	400	Vertical	Pass
6**	16110.525	43.73	0.76	54.0	-10.27	AV	15.00	400	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	1166.600	47.90	-17.91	74.0	-26.10	Peak	124.00	100	Horizontal	Pass
1**	1166.600	46.18	-17.91	54.0	-7.82	AV	124.00	100	Horizontal	Pass
2	4384.200	50.24	-2.88	74.0	-23.76	Peak	275.00	200	Horizontal	Pass
2**	4384.200	42.30	-2.88	54.0	-11.70	AV	275.00	200	Horizontal	Pass
3	5821.000	105.49	-1.80	--	--	Peak	152.00	100	Horizontal	N/A
3**	5821.000	98.15	-1.80	--	--	AV	152.00	100	Horizontal	N/A
4	7372.888	49.85	-3.80	74.0	-24.15	Peak	234.00	200	Horizontal	Pass
4**	7372.888	40.47	-3.80	54.0	-13.53	AV	234.00	200	Horizontal	Pass
5	12221.575	51.35	1.25	74.0	-22.65	Peak	314.00	100	Horizontal	Pass
5**	12221.575	44.24	1.25	54.0	-9.76	AV	314.00	100	Horizontal	Pass
6	15830.175	53.80	1.49	74.0	-20.20	Peak	34.00	400	Horizontal	Pass
6**	15830.175	45.06	1.49	54.0	-8.94	AV	34.00	400	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	1332.200	43.59	-17.15	74.0	-30.41	Peak	102.00	100	Vertical	Pass
1**	1332.200	34.82	-17.15	54.0	-19.18	AV	102.00	100	Vertical	Pass
2	4383.400	50.17	-2.91	74.0	-23.83	Peak	212.00	400	Vertical	Pass
2**	4383.400	41.79	-2.91	54.0	-12.21	AV	212.00	400	Vertical	Pass
3	5823.600	96.20	-1.52	--	--	Peak	99.00	100	Vertical	N/A
3**	5823.600	87.99	-1.52	--	--	AV	99.00	100	Vertical	N/A
4	7335.513	49.55	-3.35	74.0	-24.45	Peak	348.00	400	Vertical	Pass
4**	7335.513	41.03	-3.35	54.0	-12.97	AV	348.00	400	Vertical	Pass
5	11210.724	51.11	-0.21	74.0	-22.89	Peak	77.00	200	Vertical	Pass
5**	11210.724	41.60	-0.21	54.0	-12.40	AV	77.00	200	Vertical	Pass
6	15848.025	53.44	1.35	74.0	-20.56	Peak	73.00	100	Vertical	Pass
6**	15848.025	44.52	1.35	54.0	-9.48	AV	73.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.000	48.43	-17.92	74.0	-25.57	Peak	136.00	100	Horizontal	Pass
1**	1167.000	45.66	-17.92	54.0	-8.34	AV	136.00	100	Horizontal	Pass
2	4387.800	50.20	-2.96	74.0	-23.80	Peak	171.00	400	Horizontal	Pass
2**	4387.800	41.58	-2.96	54.0	-12.42	AV	171.00	400	Horizontal	Pass
3	5763.400	104.53	-0.80	--	--	Peak	150.00	200	Horizontal	N/A
3**	5763.400	96.79	-0.80	--	--	AV	150.00	200	Horizontal	N/A
4	7349.313	49.36	-3.86	74.0	-24.64	Peak	156.00	300	Horizontal	Pass
4**	7349.313	40.61	-3.86	54.0	-13.39	AV	156.00	300	Horizontal	Pass
5	10924.951	51.51	0.16	74.0	-22.49	Peak	220.00	150	Horizontal	Pass
5**	10924.951	42.27	0.16	54.0	-11.73	AV	220.00	150	Horizontal	Pass
6	15833.850	53.99	1.46	74.0	-20.01	Peak	50.00	200	Horizontal	Pass
6**	15833.850	44.78	1.46	54.0	-9.22	AV	50.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	43.07	-17.91	74.0	-30.93	Peak	97.00	100	Vertical	Pass
1**	1166.800	40.60	-17.91	54.0	-13.40	AV	97.00	100	Vertical	Pass
2	4377.000	50.60	-2.89	74.0	-23.40	Peak	261.00	200	Vertical	Pass
2**	4377.000	41.48	-2.89	54.0	-12.52	AV	261.00	200	Vertical	Pass
3	5759.000	94.44	-1.21	--	--	Peak	105.00	100	Vertical	N/A
3**	5759.000	87.84	-1.21	--	--	AV	105.00	100	Vertical	N/A
4	7342.987	49.64	-3.61	74.0	-24.36	Peak	0.00	300	Vertical	Pass
4**	7342.987	40.41	-3.61	54.0	-13.59	AV	0.00	300	Vertical	Pass
5	12321.625	51.51	1.42	74.0	-22.49	Peak	359.00	100	Vertical	Pass
5**	12321.625	42.72	1.42	54.0	-11.28	AV	359.00	100	Vertical	Pass
6	15837.000	53.99	1.45	74.0	-20.01	Peak	160.00	200	Vertical	Pass
6**	15837.000	44.69	1.45	54.0	-9.31	AV	160.00	200	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	1166.600	49.45	-17.91	74.0	-24.55	Peak	132.00	100	Horizontal	Pass
1**	1166.600	48.21	-17.91	54.0	-5.79	AV	132.00	100	Horizontal	Pass
2	4288.400	49.98	-4.05	74.0	-24.02	Peak	271.00	100	Horizontal	Pass
2**	4288.400	40.42	-4.05	54.0	-13.58	AV	271.00	100	Horizontal	Pass
3	5800.000	104.31	-1.59	--	--	Peak	138.00	200	Horizontal	N/A
3**	5800.000	96.74	-1.59	--	--	AV	138.00	200	Horizontal	N/A
4	7374.612	49.18	-3.75	74.0	-24.82	Peak	237.00	400	Horizontal	Pass
4**	7374.612	40.37	-3.75	54.0	-13.63	AV	237.00	400	Horizontal	Pass
5	11430.662	51.56	-0.08	74.0	-22.44	Peak	300.00	100	Horizontal	Pass
5**	11430.662	41.60	-0.08	54.0	-12.40	AV	300.00	100	Horizontal	Pass
6	15846.450	53.40	1.36	74.0	-20.60	Peak	178.00	200	Horizontal	Pass
6**	15846.450	44.56	1.36	54.0	-9.44	AV	178.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	44.18	-17.91	74.0	-29.82	Peak	117.00	100	Vertical	Pass
1**	1166.700	41.87	-17.91	54.0	-12.13	AV	117.00	100	Vertical	Pass
2	4379.200	49.92	-2.98	74.0	-24.08	Peak	196.00	300	Vertical	Pass
2**	4379.200	40.71	-2.98	54.0	-13.29	AV	196.00	300	Vertical	Pass
3	5788.200	95.01	-1.45	--	--	Peak	249.00	150	Vertical	N/A
3**	5788.200	88.34	-1.45	--	--	AV	249.00	150	Vertical	N/A
4	7352.475	49.37	-3.84	74.0	-24.63	Peak	140.00	200	Vertical	Pass
4**	7352.475	40.65	-3.84	54.0	-13.35	AV	140.00	200	Vertical	Pass
5	11070.137	51.76	-1.09	74.0	-22.24	Peak	172.00	150	Vertical	Pass
5**	11070.137	41.70	-1.09	54.0	-12.30	AV	172.00	150	Vertical	Pass
6	15842.775	53.46	1.40	74.0	-20.54	Peak	346.00	100	Vertical	Pass
6**	15842.775	44.19	1.40	54.0	-9.81	AV	346.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.200	48.04	-17.91	74.0	-25.96	Peak	137.00	100	Horizontal	Pass
1**	1166.200	44.01	-17.91	54.0	-9.99	AV	137.00	100	Horizontal	Pass
2	4082.000	50.11	-4.33	74.0	-23.89	Peak	209.00	300	Horizontal	Pass
2**	4082.000	40.03	-4.33	54.0	-13.97	AV	209.00	300	Horizontal	Pass
3	5740.600	107.45	-0.98	--	--	Peak	147.00	150	Horizontal	N/A
3**	5740.600	99.97	-0.98	--	--	AV	147.00	150	Horizontal	N/A
4	7377.200	49.26	-3.72	74.0	-24.74	Peak	318.00	300	Horizontal	Pass
4**	7377.200	40.85	-3.72	54.0	-13.15	AV	318.00	300	Horizontal	Pass
5	11542.213	51.04	-0.56	74.0	-22.96	Peak	334.00	200	Horizontal	Pass
5**	11542.213	41.11	-0.56	54.0	-12.89	AV	334.00	200	Horizontal	Pass
6	15854.063	53.52	1.22	74.0	-20.48	Peak	214.00	200	Horizontal	Pass
6**	15854.063	44.35	1.22	54.0	-9.65	AV	214.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	42.89	-17.91	74.0	-31.11	Peak	96.00	100	Vertical	Pass
1**	1166.700	40.27	-17.91	54.0	-13.73	AV	96.00	100	Vertical	Pass
2	4391.000	49.66	-3.37	74.0	-24.34	Peak	101.00	200	Vertical	Pass
2**	4391.000	40.10	-3.37	54.0	-13.90	AV	101.00	200	Vertical	Pass
3	5740.400	96.89	-0.94	--	--	Peak	101.00	100	Vertical	N/A
3**	5740.400	89.57	-0.94	--	--	AV	101.00	100	Vertical	N/A
4	7660.100	49.27	-2.83	74.0	-24.73	Peak	126.00	300	Vertical	Pass
4**	7660.100	41.55	-2.83	54.0	-12.45	AV	126.00	300	Vertical	Pass
5	10946.800	51.14	-0.18	74.0	-22.86	Peak	319.00	100	Vertical	Pass
5**	10946.800	42.18	-0.18	54.0	-11.82	AV	319.00	100	Vertical	Pass
6	15840.675	53.09	1.44	74.0	-20.91	Peak	160.00	300	Vertical	Pass
6**	15840.675	45.45	1.44	54.0	-8.55	AV	160.00	300	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	1166.600	47.83	-17.91	74.0	-26.17	Peak	131.00	100	Horizontal	Pass
1**	1166.600	45.89	-17.91	54.0	-8.11	AV	131.00	100	Horizontal	Pass
2	4361.800	50.32	-2.63	74.0	-23.68	Peak	156.00	300	Horizontal	Pass
2**	4361.800	41.56	-2.63	54.0	-12.44	AV	156.00	300	Horizontal	Pass
3	5787.200	106.38	-1.13	--	--	Peak	133.00	200	Horizontal	N/A
3**	5787.200	99.41	-1.13	--	--	AV	133.00	200	Horizontal	N/A
4	7351.325	49.45	-3.86	74.0	-24.55	Peak	176.00	100	Horizontal	Pass
4**	7351.325	39.77	-3.86	54.0	-14.23	AV	176.00	100	Horizontal	Pass
5	11941.838	51.86	1.63	74.0	-22.14	Peak	80.00	100	Horizontal	Pass
5**	11941.838	41.67	1.63	54.0	-12.33	AV	80.00	100	Horizontal	Pass
6	16079.287	53.53	1.63	74.0	-20.47	Peak	143.00	300	Horizontal	Pass
6**	16079.287	43.56	1.63	54.0	-10.44	AV	143.00	300	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	1166.700	44.81	-17.91	74.0	-29.19	Peak	111.00	100	Vertical	Pass
1**	1166.700	40.62	-17.91	54.0	-13.38	AV	111.00	100	Vertical	Pass
2	4360.400	49.50	-2.65	74.0	-24.50	Peak	91.00	200	Vertical	Pass
2**	4360.400	41.13	-2.65	54.0	-12.87	AV	91.00	200	Vertical	Pass
3	5784.000	96.10	-1.17	--	--	Peak	102.00	150	Vertical	N/A
3**	5784.000	89.37	-1.17	--	--	AV	102.00	150	Vertical	N/A
4	7349.313	49.31	-3.86	74.0	-24.69	Peak	0.00	400	Vertical	Pass
4**	7349.313	39.96	-3.86	54.0	-14.04	AV	0.00	400	Vertical	Pass
5	11222.799	51.87	-0.21	74.0	-22.13	Peak	302.00	150	Vertical	Pass
5**	11222.799	42.36	-0.21	54.0	-11.64	AV	302.00	150	Vertical	Pass
6	15853.275	53.80	1.24	74.0	-20.20	Peak	216.00	300	Vertical	Pass
6**	15853.275	45.41	1.24	54.0	-8.59	AV	216.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.00	-17.91	74.0	-26.00	Peak	134.00	100	Horizontal	Pass
1**	1166.700	46.10	-17.91	54.0	-7.90	AV	134.00	100	Horizontal	Pass
2	4357.000	50.24	-2.45	74.0	-23.76	Peak	209.00	300	Horizontal	Pass
2**	4357.000	41.17	-2.45	54.0	-12.83	AV	209.00	300	Horizontal	Pass
3	5832.600	105.50	-0.52	--	--	Peak	148.00	200	Horizontal	N/A
3**	5832.600	98.34	-0.52	--	--	AV	148.00	200	Horizontal	N/A
4	7352.187	49.40	-3.84	74.0	-24.60	Peak	315.00	400	Horizontal	Pass
4**	7352.187	41.14	-3.84	54.0	-12.86	AV	315.00	400	Horizontal	Pass
5	11229.125	51.16	-0.28	74.0	-22.84	Peak	331.00	100	Horizontal	Pass
5**	11229.125	41.72	-0.28	54.0	-12.28	AV	331.00	100	Horizontal	Pass
6	15855.375	53.54	1.17	74.0	-20.46	Peak	236.00	100	Horizontal	Pass
6**	15855.375	44.77	1.17	54.0	-9.23	AV	236.00	100	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	1495.300	41.59	-17.21	74.0	-32.41	Peak	98.00	400	Vertical	Pass
1**	1495.300	29.29	-17.21	54.0	-24.71	AV	98.00	400	Vertical	Pass
2	4361.000	49.75	-2.64	74.0	-24.25	Peak	0.00	100	Vertical	Pass
2**	4361.000	40.92	-2.64	54.0	-13.08	AV	0.00	100	Vertical	Pass
3	5820.800	95.13	-1.84	--	--	Peak	93.00	100	Vertical	N/A
3**	5820.800	87.43	-1.84	--	--	AV	93.00	100	Vertical	N/A
4	7358.225	49.73	-4.10	74.0	-24.27	Peak	360.00	200	Vertical	Pass
4**	7358.225	40.74	-4.10	54.0	-13.26	AV	360.00	200	Vertical	Pass
5	11221.937	51.57	-0.21	74.0	-22.43	Peak	218.00	100	Vertical	Pass
5**	11221.937	42.15	-0.21	54.0	-11.85	AV	218.00	100	Vertical	Pass
6	16111.575	53.85	0.74	74.0	-20.15	Peak	271.00	100	Vertical	Pass
6**	16111.575	44.02	0.74	54.0	-9.98	AV	271.00	100	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	1166.900	47.48	-17.91	74.0	-26.52	Peak	128.00	100	Horizontal	Pass
1**	1166.900	46.05	-17.91	54.0	-7.95	AV	128.00	100	Horizontal	Pass
2	4375.000	50.44	-3.04	74.0	-23.56	Peak	66.00	400	Horizontal	Pass
2**	4375.000	40.86	-3.04	54.0	-13.14	AV	66.00	400	Horizontal	Pass
3	5751.200	104.16	-1.17	--	--	Peak	148.00	100	Horizontal	N/A
3**	5751.200	96.25	-1.17	--	--	AV	148.00	100	Horizontal	N/A
4	7357.362	48.91	-4.13	74.0	-25.09	Peak	348.00	400	Horizontal	Pass
4**	7357.362	39.88	-4.13	54.0	-14.12	AV	348.00	400	Horizontal	Pass
5	10926.963	51.75	0.13	74.0	-22.25	Peak	27.00	100	Horizontal	Pass
5**	10926.963	42.05	0.13	54.0	-11.95	AV	27.00	100	Horizontal	Pass
6	15625.162	53.66	1.72	74.0	-20.34	Peak	309.00	200	Horizontal	Pass
6**	15625.162	43.51	1.72	54.0	-10.49	AV	309.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	43.28	-17.91	74.0	-30.72	Peak	106.00	100	Vertical	Pass
1**	1166.900	42.05	-17.91	54.0	-11.95	AV	106.00	100	Vertical	Pass
2	4270.000	49.67	-3.68	74.0	-24.33	Peak	237.00	300	Vertical	Pass
2**	4270.000	39.88	-3.68	54.0	-14.12	AV	237.00	300	Vertical	Pass
3	5752.600	95.00	-1.10	--	--	Peak	89.00	200	Vertical	N/A
3**	5752.600	86.79	-1.10	--	--	AV	89.00	200	Vertical	N/A
4	7347.875	49.53	-3.84	74.0	-24.47	Peak	217.00	200	Vertical	Pass
4**	7347.875	40.11	-3.84	54.0	-13.89	AV	217.00	200	Vertical	Pass
5	12214.388	51.20	1.16	74.0	-22.80	Peak	281.00	100	Vertical	Pass
5**	12214.388	42.05	1.16	54.0	-11.95	AV	281.00	100	Vertical	Pass
6	15834.112	53.83	1.46	74.0	-20.17	Peak	197.00	400	Vertical	Pass
6**	15834.112	44.74	1.46	54.0	-9.26	AV	197.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.000	47.99	-17.92	74.0	-26.01	Peak	128.00	100	Horizontal	Pass
1**	1167.000	45.66	-17.92	54.0	-8.34	AV	128.00	100	Horizontal	Pass
2	4389.200	50.31	-3.14	74.0	-23.69	Peak	301.00	100	Horizontal	Pass
2**	4389.200	40.29	-3.14	54.0	-13.71	AV	301.00	100	Horizontal	Pass
3	5797.400	104.64	-1.49	--	--	Peak	146.00	150	Horizontal	N/A
3**	5797.400	97.27	-1.49	--	--	AV	146.00	150	Horizontal	N/A
4	7373.463	49.22	-3.77	74.0	-24.78	Peak	250.00	200	Horizontal	Pass
4**	7373.463	40.13	-3.77	54.0	-13.87	AV	250.00	200	Horizontal	Pass
5	12220.425	50.94	1.23	74.0	-23.06	Peak	346.00	200	Horizontal	Pass
5**	12220.425	41.85	1.23	54.0	-12.15	AV	346.00	200	Horizontal	Pass
6	16090.313	54.02	1.43	74.0	-19.98	Peak	35.00	400	Horizontal	Pass
6**	16090.313	43.77	1.43	54.0	-10.23	AV	35.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	43.58	-17.91	74.0	-30.42	Peak	109.00	100	Vertical	Pass
1**	1166.700	41.88	-17.91	54.0	-12.12	AV	109.00	100	Vertical	Pass
2	4196.000	50.30	-4.02	74.0	-23.70	Peak	0.00	300	Vertical	Pass
2**	4196.000	41.32	-4.02	54.0	-12.68	AV	0.00	300	Vertical	Pass
3	5790.600	94.96	-1.56	--	--	Peak	94.00	150	Vertical	N/A
3**	5790.600	86.77	-1.56	--	--	AV	94.00	150	Vertical	N/A
4	7337.525	49.15	-3.54	74.0	-24.85	Peak	139.00	300	Vertical	Pass
4**	7337.525	40.11	-3.54	54.0	-13.89	AV	139.00	300	Vertical	Pass
5	11612.937	51.60	-0.07	74.0	-22.40	Peak	60.00	150	Vertical	Pass
5**	11612.937	41.22	-0.07	54.0	-12.78	AV	60.00	150	Vertical	Pass
6	15842.250	53.46	1.41	74.0	-20.54	Peak	0.00	100	Vertical	Pass
6**	15842.250	44.71	1.41	54.0	-9.29	AV	0.00	100	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	1166.900	48.42	-17.91	74.0	-25.58	Peak	68.00	100	Horizontal	Pass
1**	1166.900	46.59	-17.91	54.0	-7.41	AV	68.00	100	Horizontal	Pass
2	4377.600	50.38	-2.85	74.0	-23.62	Peak	127.00	400	Horizontal	Pass
2**	4377.600	41.56	-2.85	54.0	-12.44	AV	127.00	400	Horizontal	Pass
3	5765.400	102.39	-0.85	--	--	Peak	138.00	150	Horizontal	N/A
3**	5765.400	94.80	-0.85	--	--	AV	138.00	150	Horizontal	N/A
4	7371.737	49.89	-3.87	74.0	-24.11	Peak	309.00	200	Horizontal	Pass
4**	7371.737	40.02	-3.87	54.0	-13.98	AV	309.00	200	Horizontal	Pass
5	12223.875	52.22	1.29	74.0	-21.78	Peak	63.00	100	Horizontal	Pass
5**	12223.875	41.57	1.29	54.0	-12.43	AV	63.00	100	Horizontal	Pass
6	15842.775	53.79	1.40	74.0	-20.21	Peak	81.00	100	Horizontal	Pass
6**	15842.775	44.95	1.40	54.0	-9.05	AV	81.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	43.53	-17.91	74.0	-30.47	Peak	96.00	100	Vertical	Pass
1**	1166.400	40.92	-17.91	54.0	-13.08	AV	96.00	100	Vertical	Pass
2	4360.200	50.02	-2.65	74.0	-23.98	Peak	49.00	400	Vertical	Pass
2**	4360.200	41.18	-2.65	54.0	-12.82	AV	49.00	400	Vertical	Pass
3	5786.400	92.50	-0.92	--	--	Peak	91.00	100	Vertical	N/A
3**	5786.400	84.46	-0.92	--	--	AV	91.00	100	Vertical	N/A
4	7335.513	49.36	-3.35	74.0	-24.64	Peak	360.00	200	Vertical	Pass
4**	7335.513	40.15	-3.35	54.0	-13.85	AV	360.00	200	Vertical	Pass
5	11955.350	50.71	1.15	74.0	-23.29	Peak	259.00	150	Vertical	Pass
5**	11955.350	41.55	1.15	54.0	-12.45	AV	259.00	150	Vertical	Pass
6	15839.362	53.88	1.45	74.0	-20.12	Peak	345.00	200	Vertical	Pass
6**	15839.362	45.96	1.45	54.0	-8.04	AV	345.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

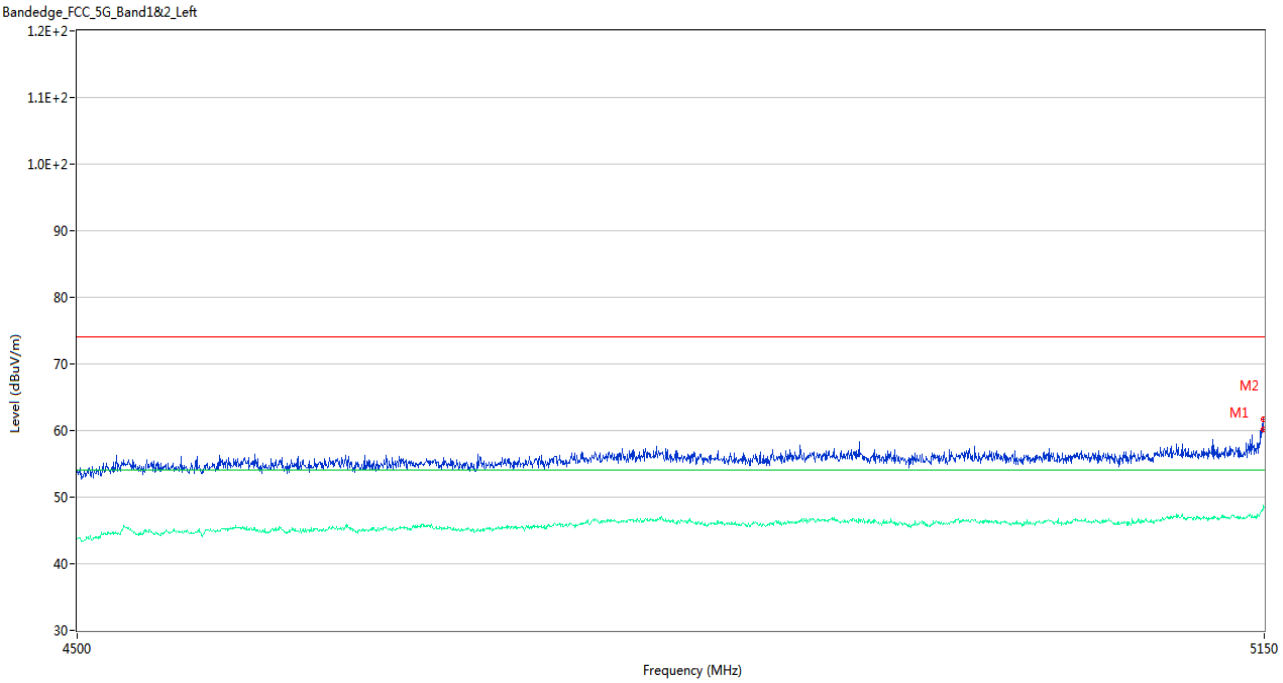
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low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

Test Data and Plots

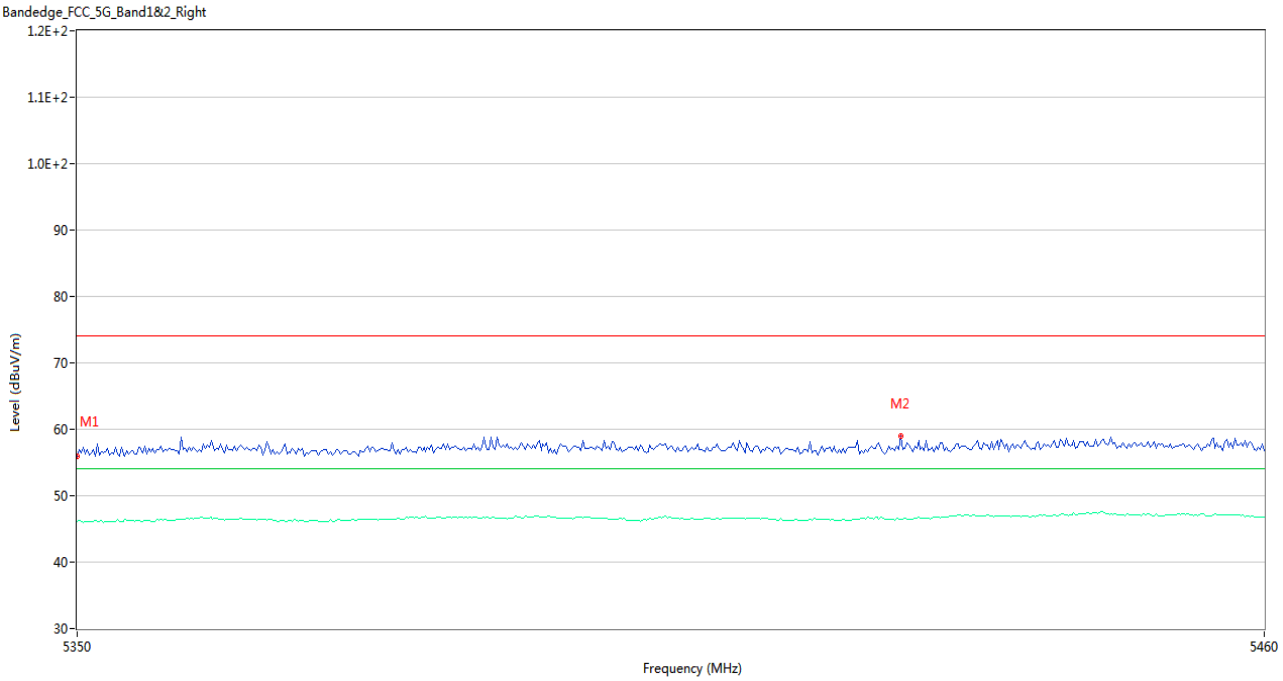
Main Antenna

U-NII-1 11a CH36



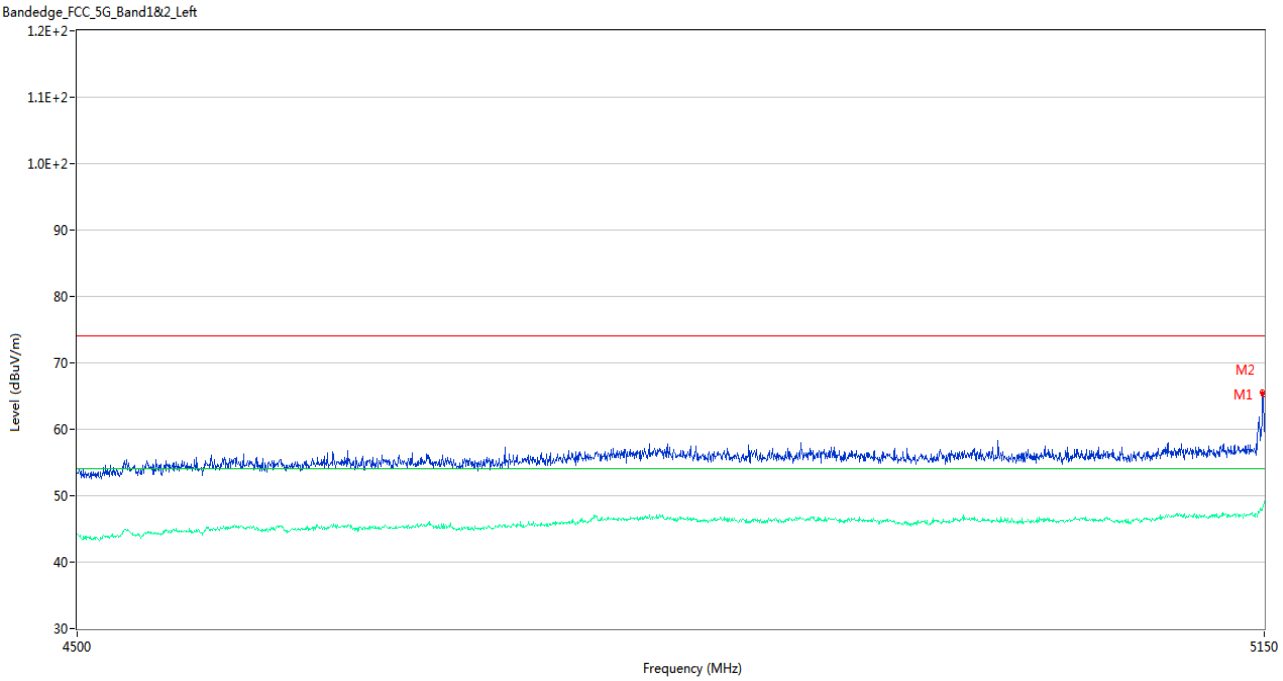
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	61.64	3.91	74.0	-12.36	Peak	133.00	200	Horizontal	Pass
1**	5149.350	48.20	3.91	54.0	-5.80	AV	133.00	200	Horizontal	Pass
2	5149.675	60.20	3.93	74.0	-13.80	Peak	133.00	100	Horizontal	Pass
2**	5149.675	48.78	3.93	54.0	-5.22	AV	133.00	100	Horizontal	Pass

U-NII-1 11a CH48



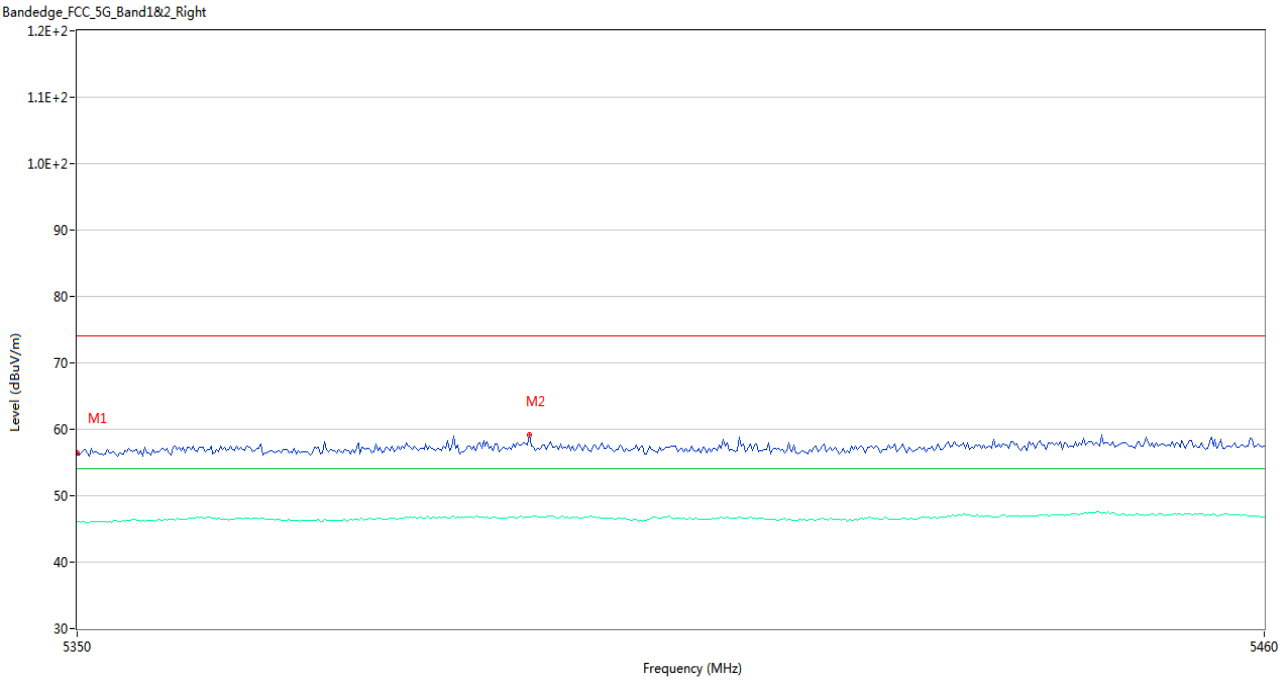
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.86	4.22	74.0	-18.14	Peak	111.00	200	Horizontal	Pass
1**	5350.000	46.16	4.22	54.0	-7.84	AV	111.00	200	Horizontal	Pass
2	5426.083	58.95	3.84	74.0	-15.05	Peak	30.00	100	Horizontal	Pass
2**	5426.083	46.52	3.84	54.0	-7.48	AV	30.00	100	Horizontal	Pass

U-NII-1 11n20 CH36



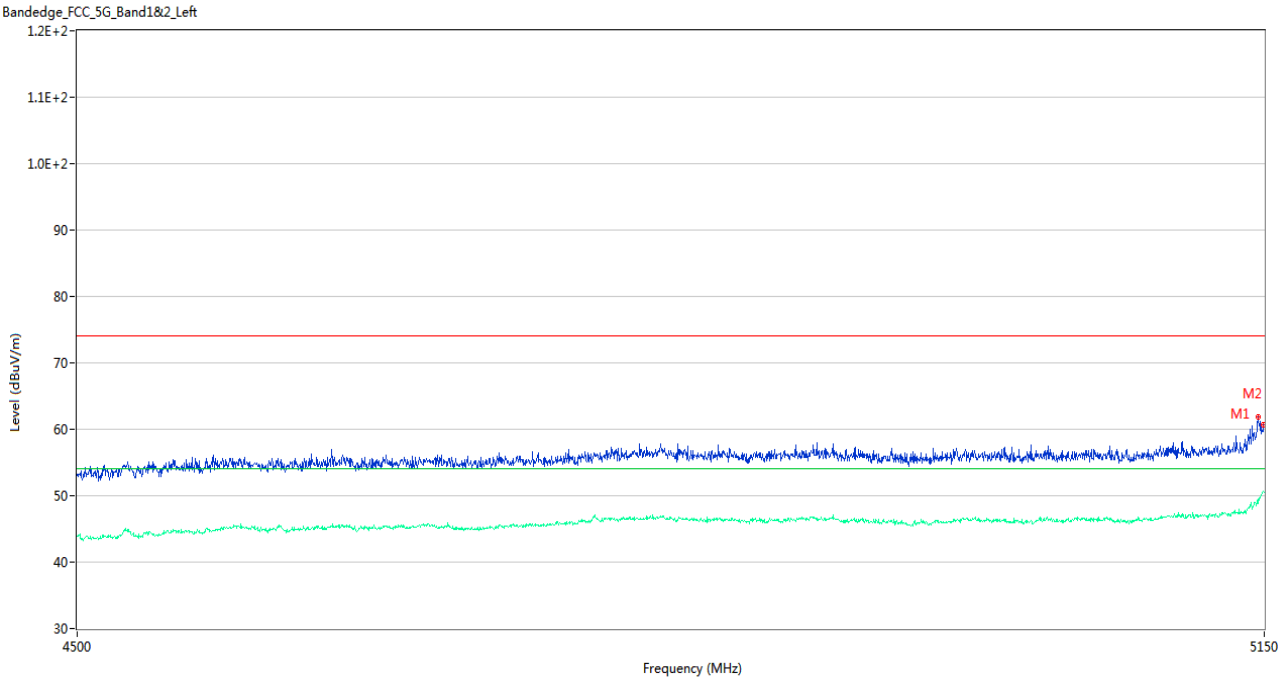
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	65.55	3.89	74.0	-8.45	Peak	234.00	200	Horizontal	Pass
1**	5149.025	48.04	3.89	54.0	-5.96	AV	234.00	200	Horizontal	Pass
2	5149.675	65.20	3.93	74.0	-8.80	Peak	137.00	200	Horizontal	Pass
2**	5149.675	48.33	3.93	54.0	-5.67	AV	137.00	200	Horizontal	Pass

U-NII-1 11n20 CH48



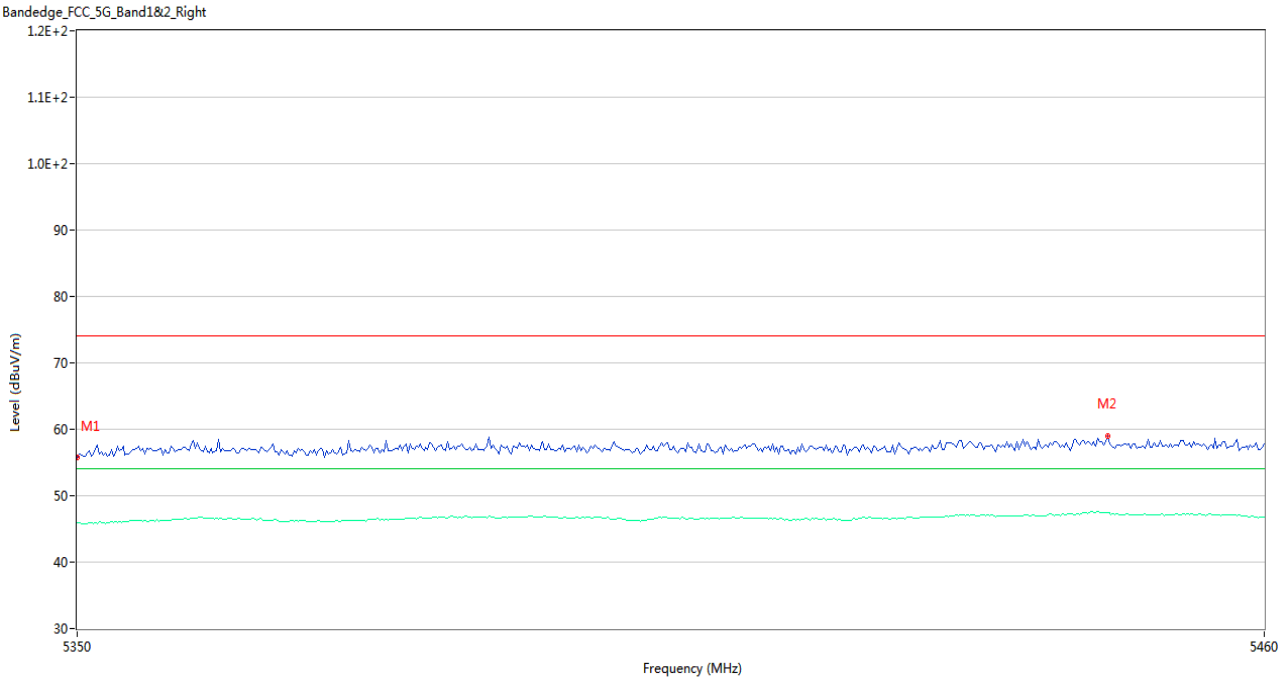
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.36	4.22	74.0	-17.64	Peak	219.00	100	Horizontal	Pass
1**	5350.000	46.13	4.22	54.0	-7.87	AV	219.00	100	Horizontal	Pass
2	5391.617	59.19	4.55	74.0	-14.81	Peak	187.00	200	Horizontal	Pass
2**	5391.617	46.76	4.55	54.0	-7.24	AV	187.00	200	Horizontal	Pass

U-NII-1 11n40 CH38



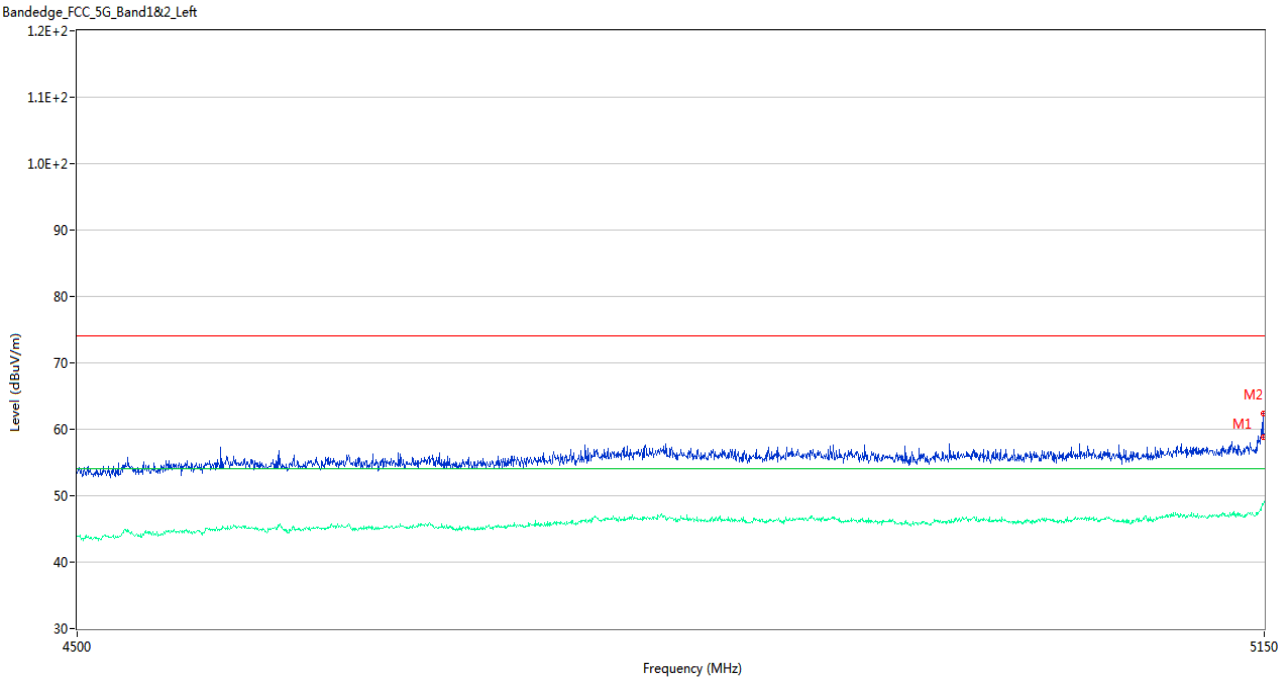
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	61.85	3.86	74.0	-12.15	Peak	132.00	100	Horizontal	Pass
1**	5146.425	49.50	3.86	54.0	-4.50	AV	132.00	100	Horizontal	Pass
2	5149.675	60.67	3.93	74.0	-13.33	Peak	227.00	150	Horizontal	Pass
2**	5149.675	50.75	3.93	54.0	-3.25	AV	227.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



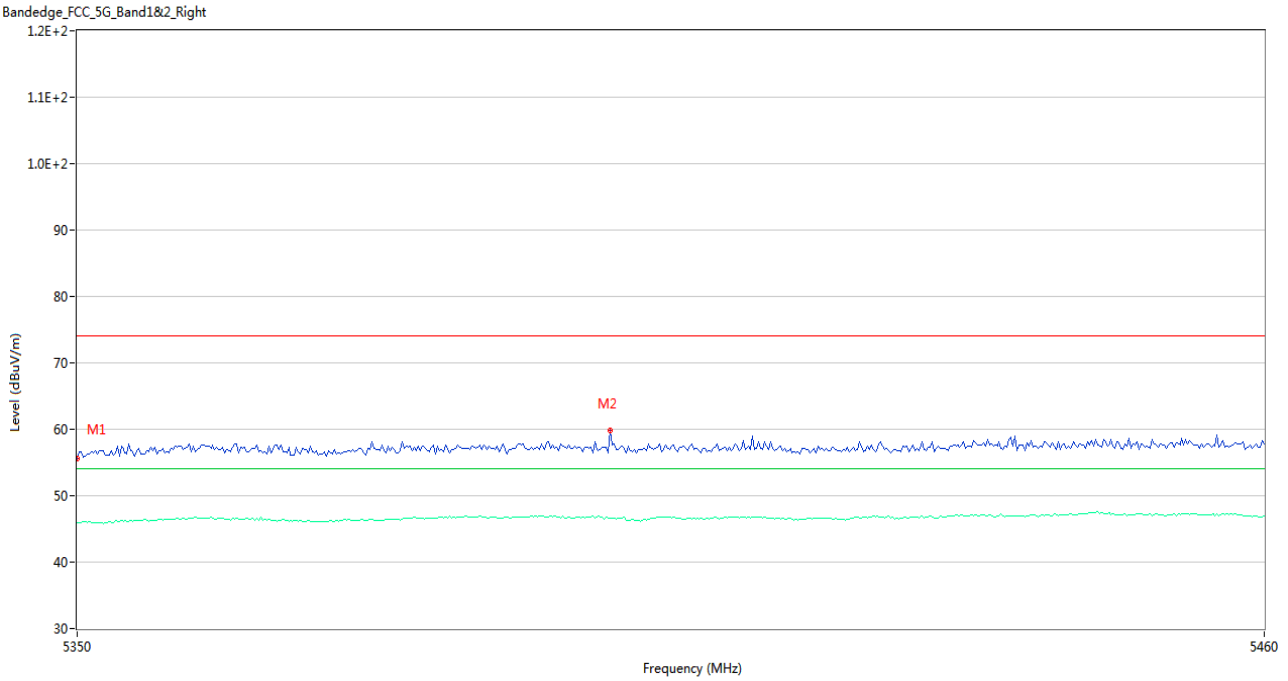
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.68	4.22	74.0	-18.32	Peak	199.00	150	Horizontal	Pass
1**	5350.000	45.94	4.22	54.0	-8.06	AV	199.00	150	Horizontal	Pass
2	5445.334	58.91	5.49	74.0	-15.09	Peak	212.00	200	Horizontal	Pass
2**	5445.334	47.40	5.49	54.0	-6.60	AV	212.00	200	Horizontal	Pass

U-NII-1 11ac20 CH36



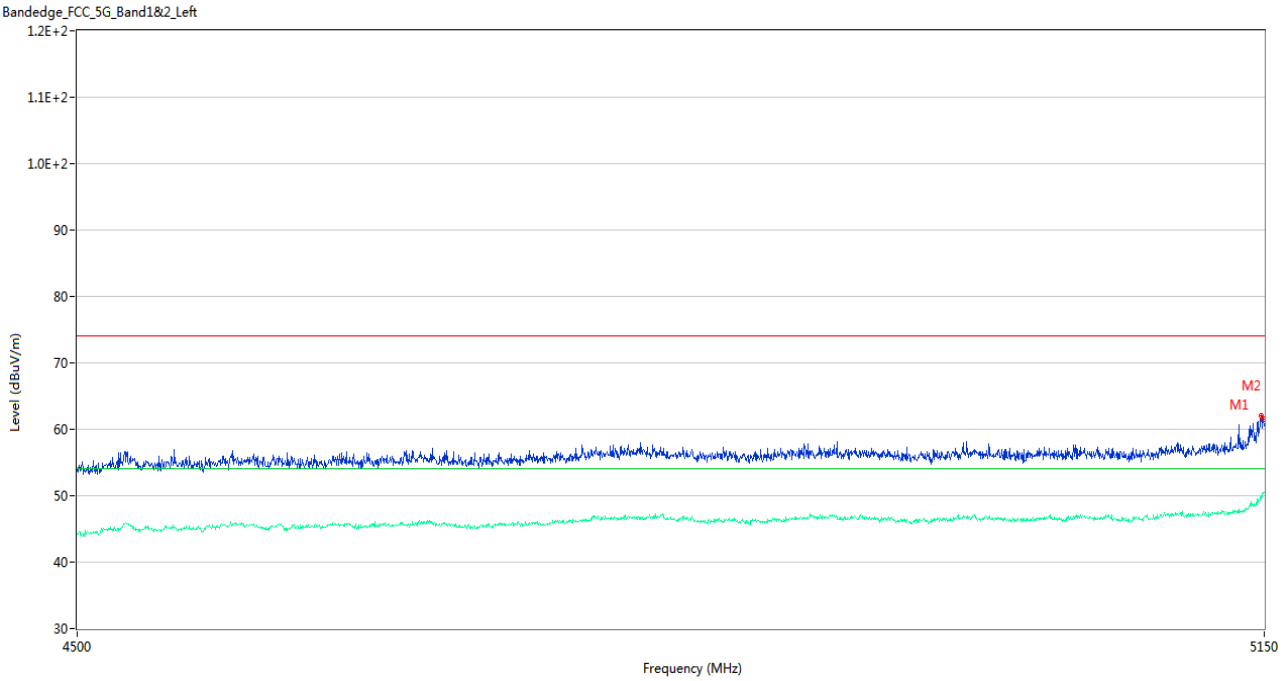
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	62.29	3.91	74.0	-11.71	Peak	111.00	200	Horizontal	Pass
1**	5149.350	48.65	3.91	54.0	-5.35	AV	111.00	200	Horizontal	Pass
2	5149.675	58.79	3.93	74.0	-15.21	Peak	109.00	200	Horizontal	Pass
2**	5149.675	48.61	3.93	54.0	-5.39	AV	109.00	200	Horizontal	Pass

U-NII-1 11ac20 CH48



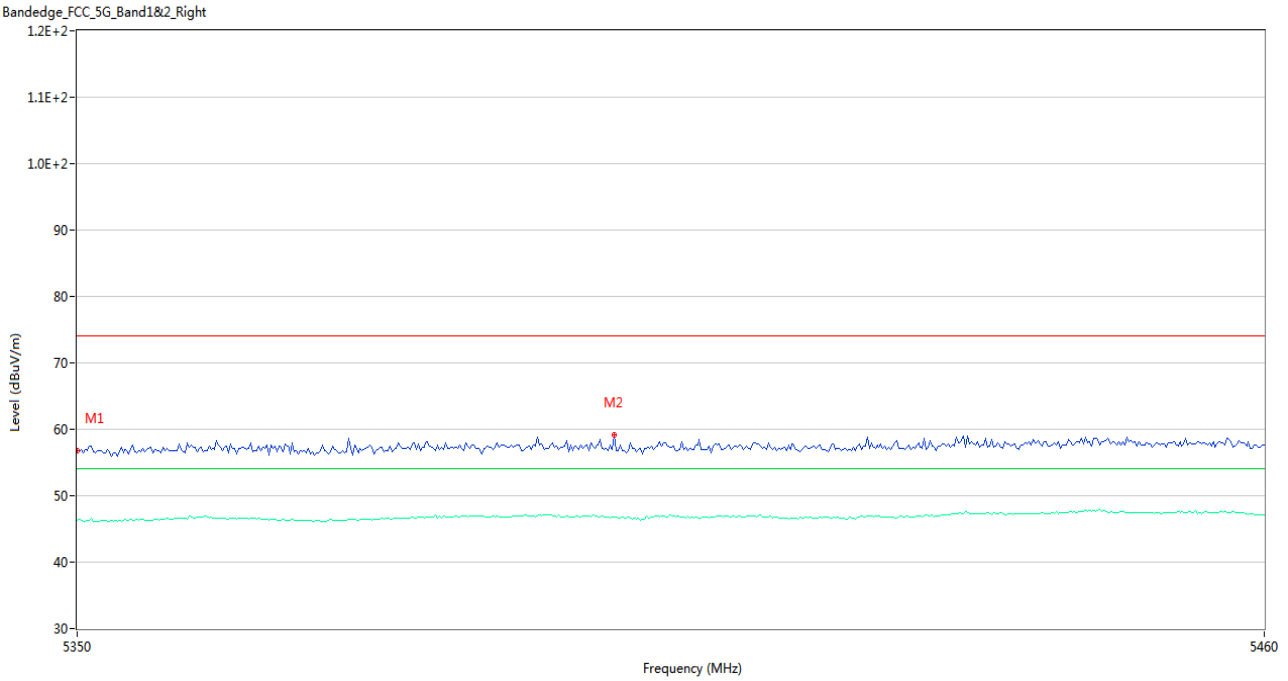
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.65	4.22	74.0	-18.35	Peak	222.00	200	Horizontal	Pass
1**	5350.000	45.92	4.22	54.0	-8.08	AV	222.00	200	Horizontal	Pass
2	5399.133	59.80	4.18	74.0	-14.20	Peak	23.00	150	Horizontal	Pass
2**	5399.133	46.56	4.18	54.0	-7.44	AV	23.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



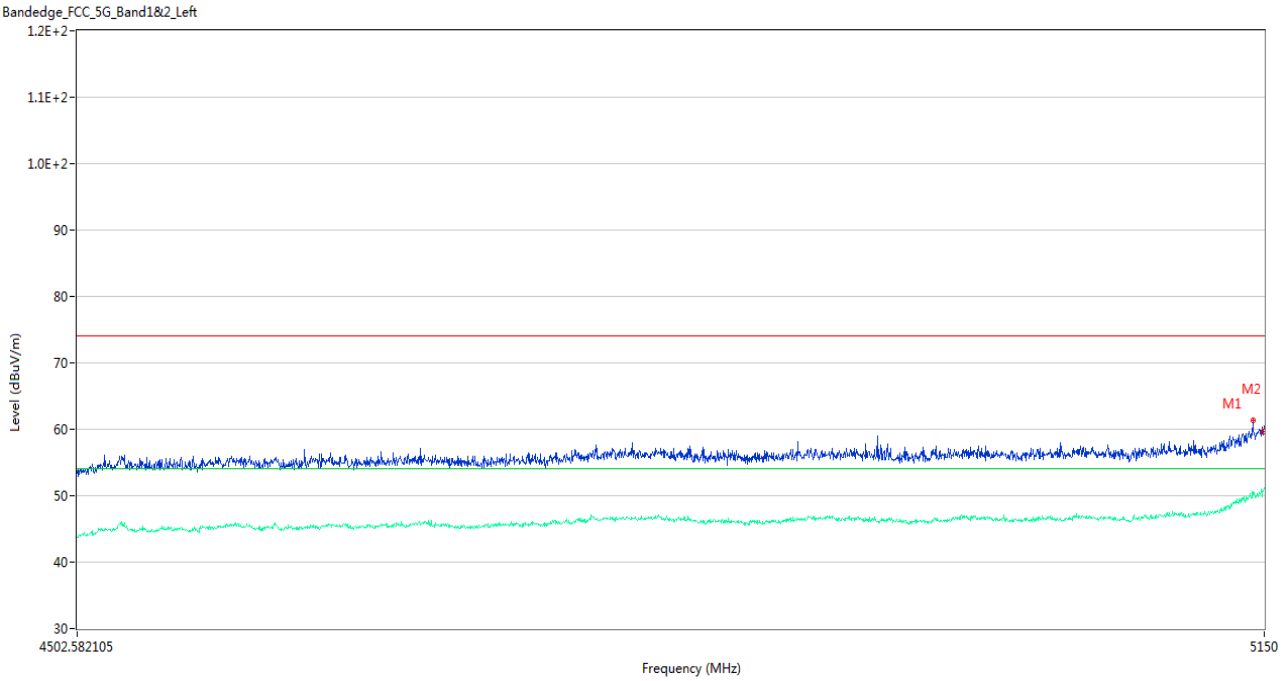
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	62.11	3.88	74.0	-11.89	Peak	132.00	100	Horizontal	Pass
1**	5148.375	49.54	3.88	54.0	-4.46	AV	132.00	100	Horizontal	Pass
2	5149.675	61.49	3.93	74.0	-12.51	Peak	132.00	100	Horizontal	Pass
2**	5149.675	50.54	3.93	54.0	-3.46	AV	132.00	100	Horizontal	Pass

U-NII-1 11ac40 CH46



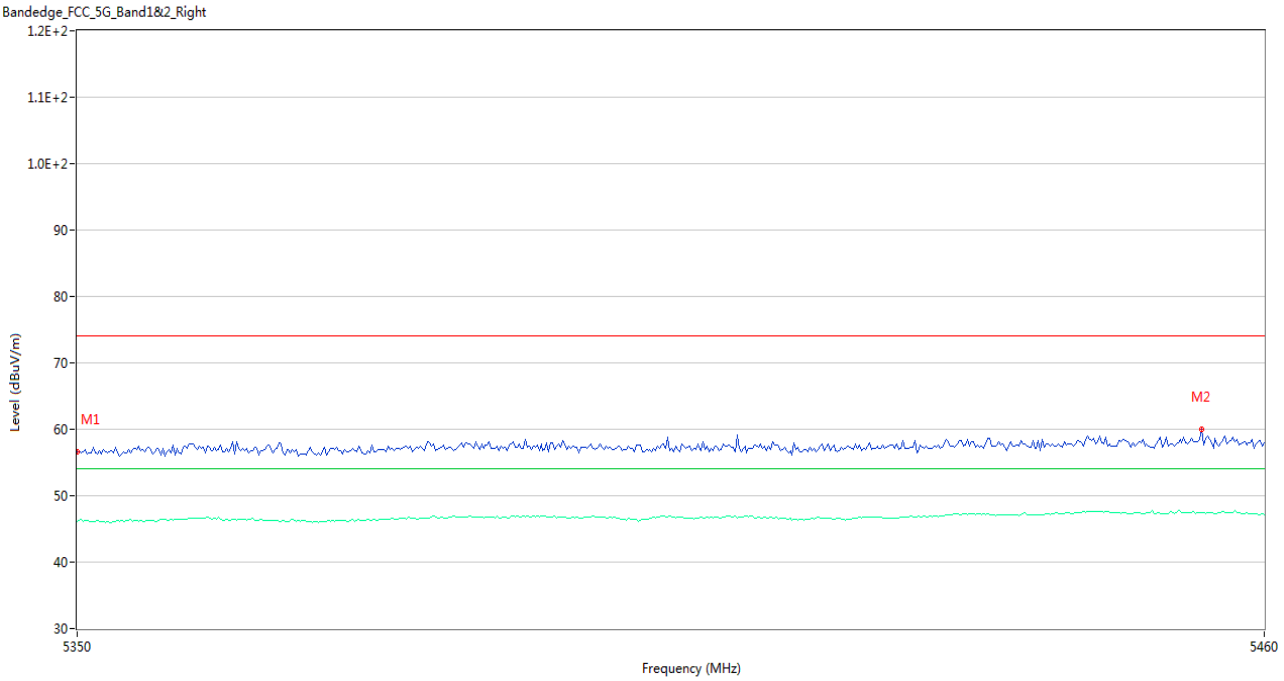
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.70	4.22	74.0	-17.30	Peak	157.00	100	Horizontal	Pass
1**	5350.000	46.33	4.22	54.0	-7.67	AV	157.00	100	Horizontal	Pass
2	5399.500	59.09	4.14	74.0	-14.91	Peak	313.00	200	Horizontal	Pass
2**	5399.500	46.81	4.14	54.0	-7.19	AV	313.00	200	Horizontal	Pass

U-NII-1 11ac80 CH42



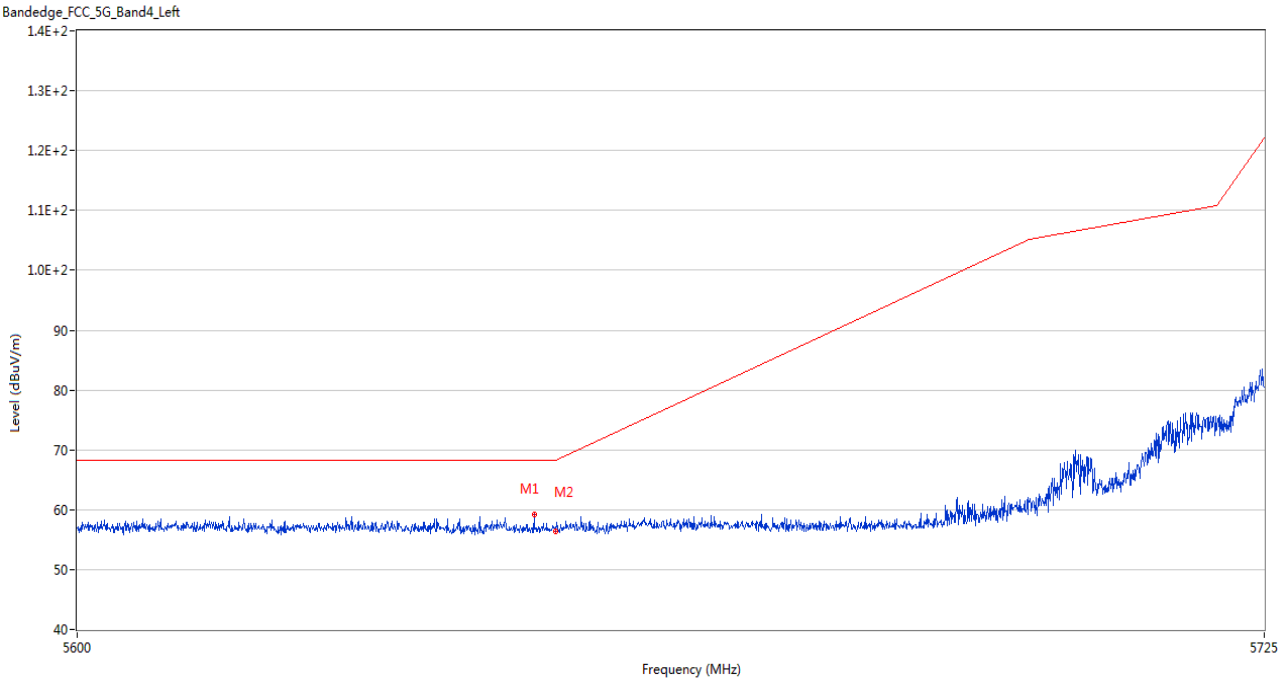
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.500	61.29	4.13	74.0	-12.71	Peak	136.00	200	Horizontal	Pass
1**	5143.500	50.43	4.13	54.0	-3.57	AV	136.00	200	Horizontal	Pass
2	5149.675	59.64	3.93	74.0	-14.36	Peak	139.00	100	Horizontal	Pass
2**	5149.675	50.69	3.93	54.0	-3.31	AV	139.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



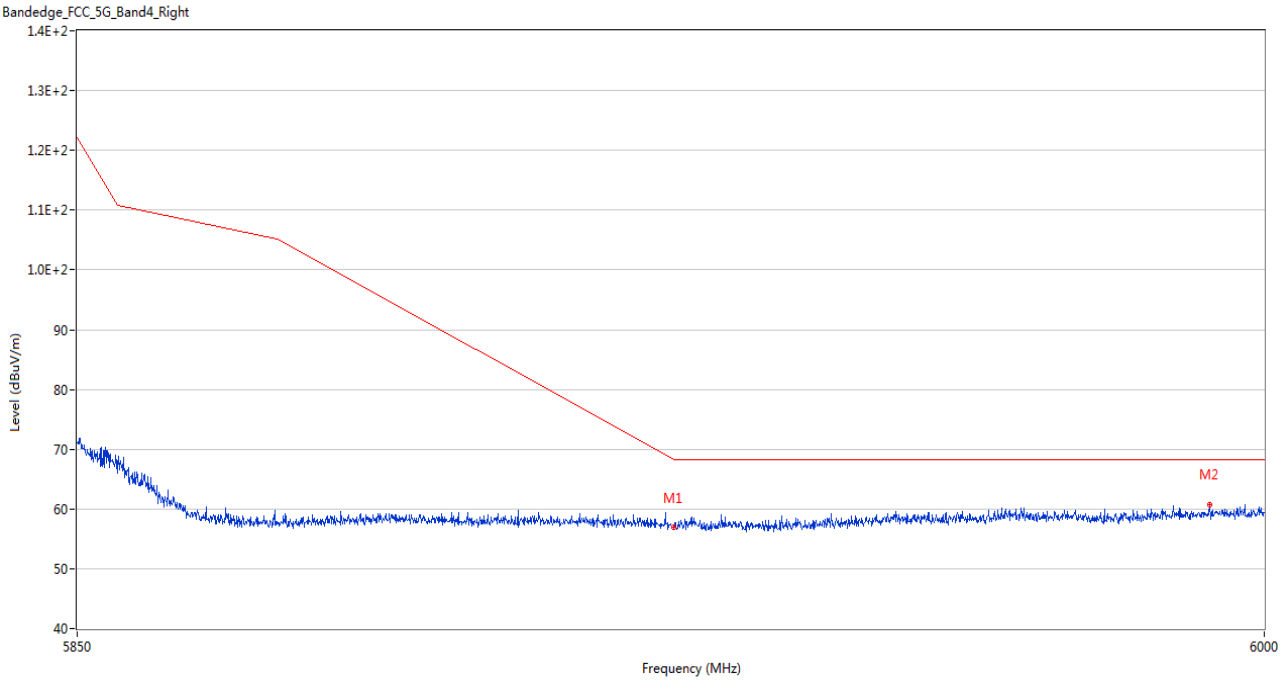
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.57	4.22	74.0	-17.43	Peak	193.00	100	Horizontal	Pass
1**	5350.000	46.11	4.22	54.0	-7.89	AV	193.00	100	Horizontal	Pass
2	5454.133	59.98	5.61	74.0	-14.02	Peak	276.00	200	Horizontal	Pass
2**	5454.133	47.45	5.61	54.0	-6.55	AV	276.00	200	Horizontal	Pass

U-NII-3 11a CH149



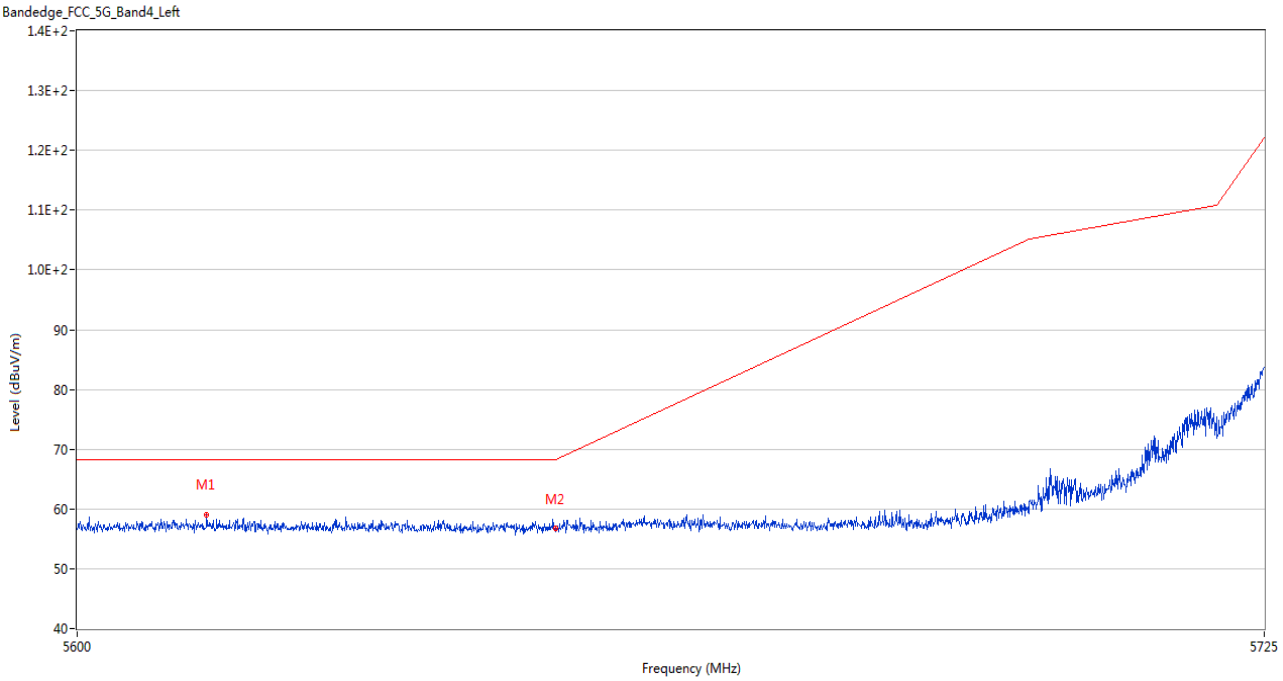
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.813	59.16	4.23	68.2	-9.04	Peak	359.00	200	Horizontal	Pass
2	5650.000	56.47	4.48	68.2	-11.73	Peak	282.00	150	Horizontal	Pass

U-NII-3 11a CH165



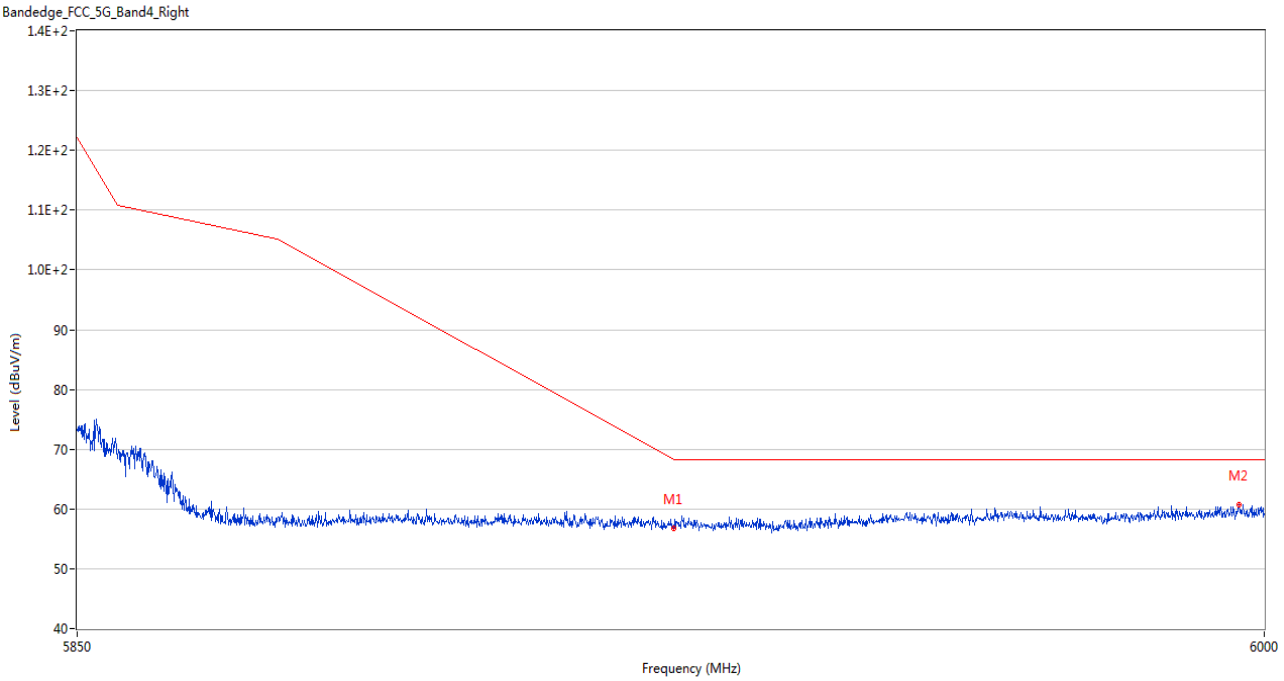
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.87	4.55	68.3	-11.43	Peak	331.00	150	Horizontal	Pass
2	5993.025	60.72	5.87	68.2	-7.48	Peak	303.00	100	Horizontal	Pass

U-NII-3 11n20 CH149



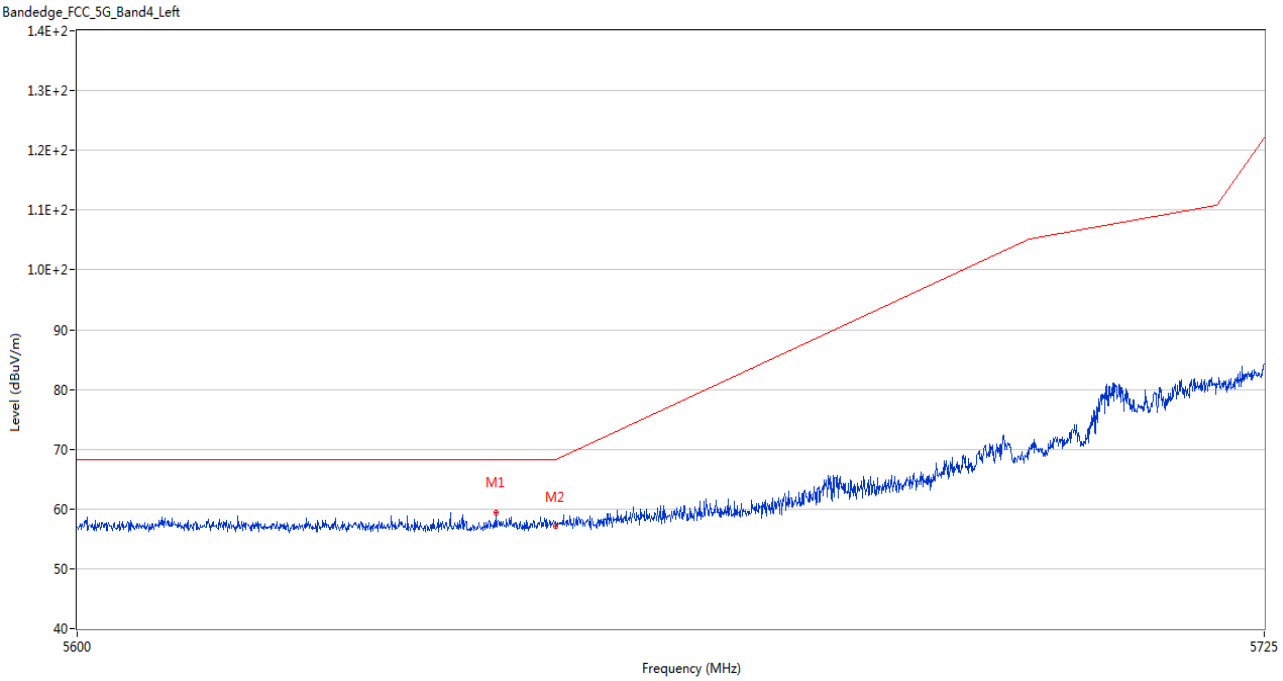
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5613.500	59.04	4.08	68.2	-9.16	Peak	325.00	100	Horizontal	Pass
2	5650.000	56.71	4.48	68.2	-11.49	Peak	157.00	200	Horizontal	Pass

U-NII-3 11n20 CH165



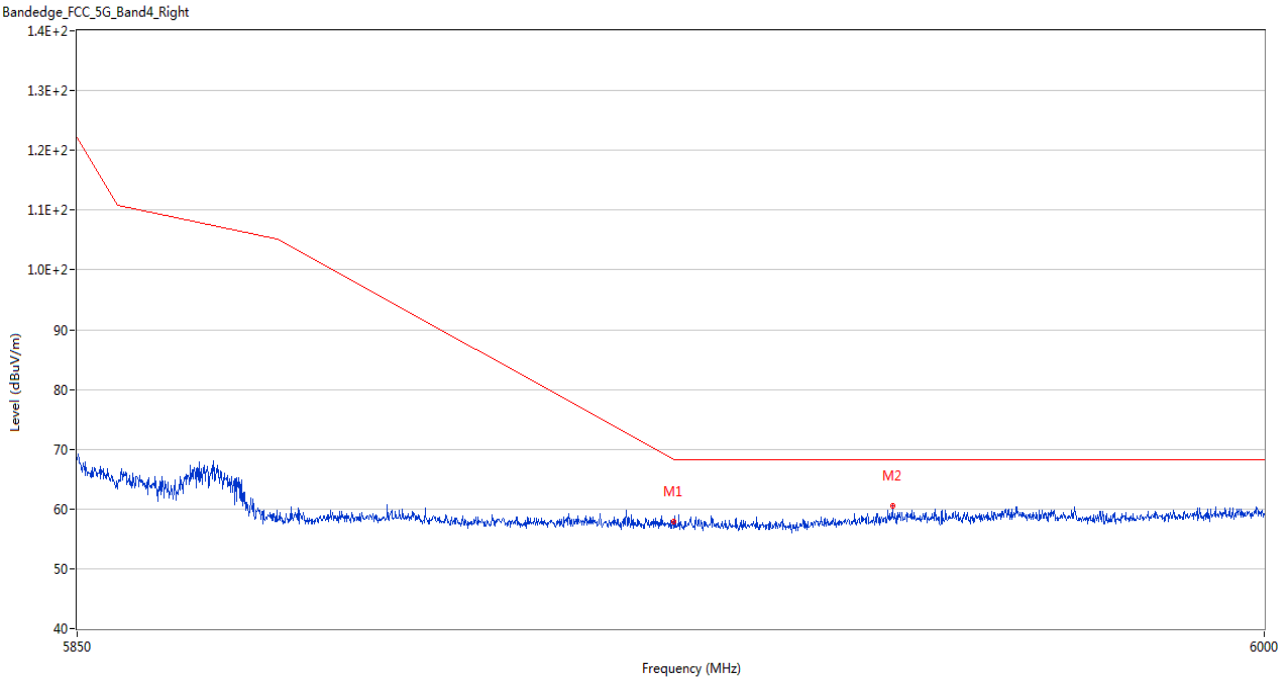
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.74	4.55	68.3	-11.56	Peak	104.00	150	Horizontal	Pass
2	5996.775	60.67	6.22	68.2	-7.53	Peak	294.00	100	Horizontal	Pass

U-NII-3 11n40 CH151



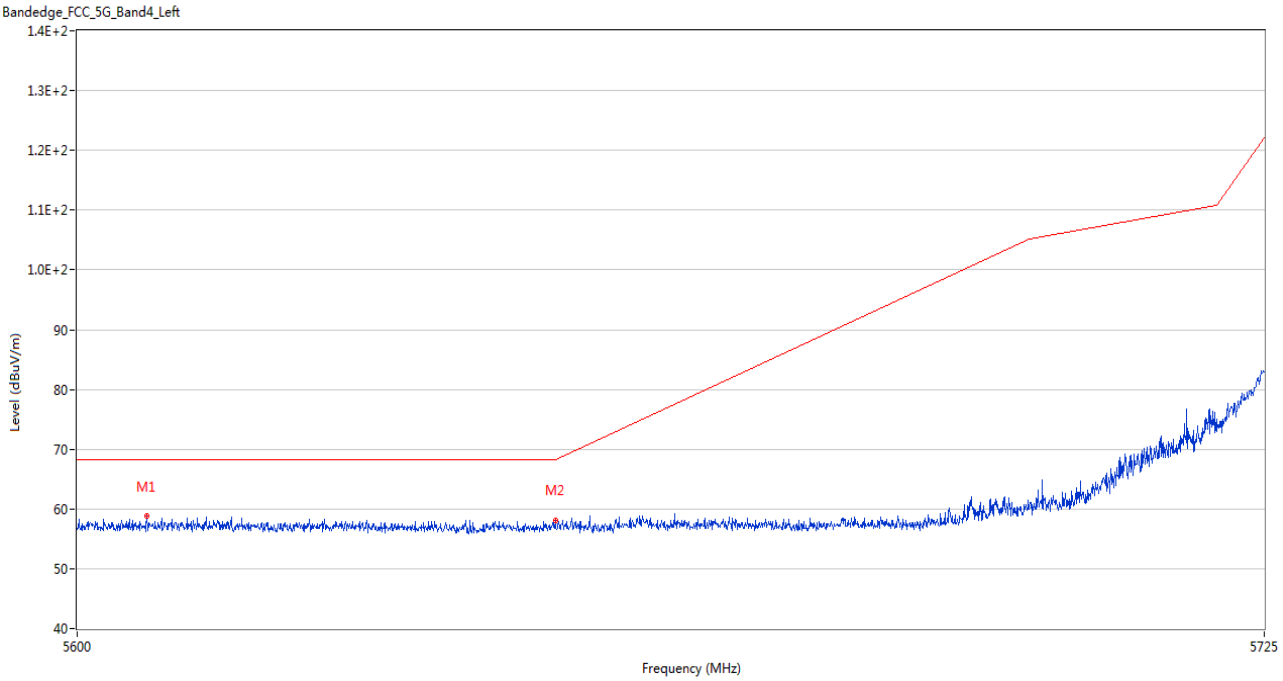
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.750	59.40	4.49	68.2	-8.80	Peak	211.00	150	Horizontal	Pass
2	5650.000	57.09	4.48	68.2	-11.11	Peak	276.00	100	Horizontal	Pass

U-NII-3 11n40 CH159



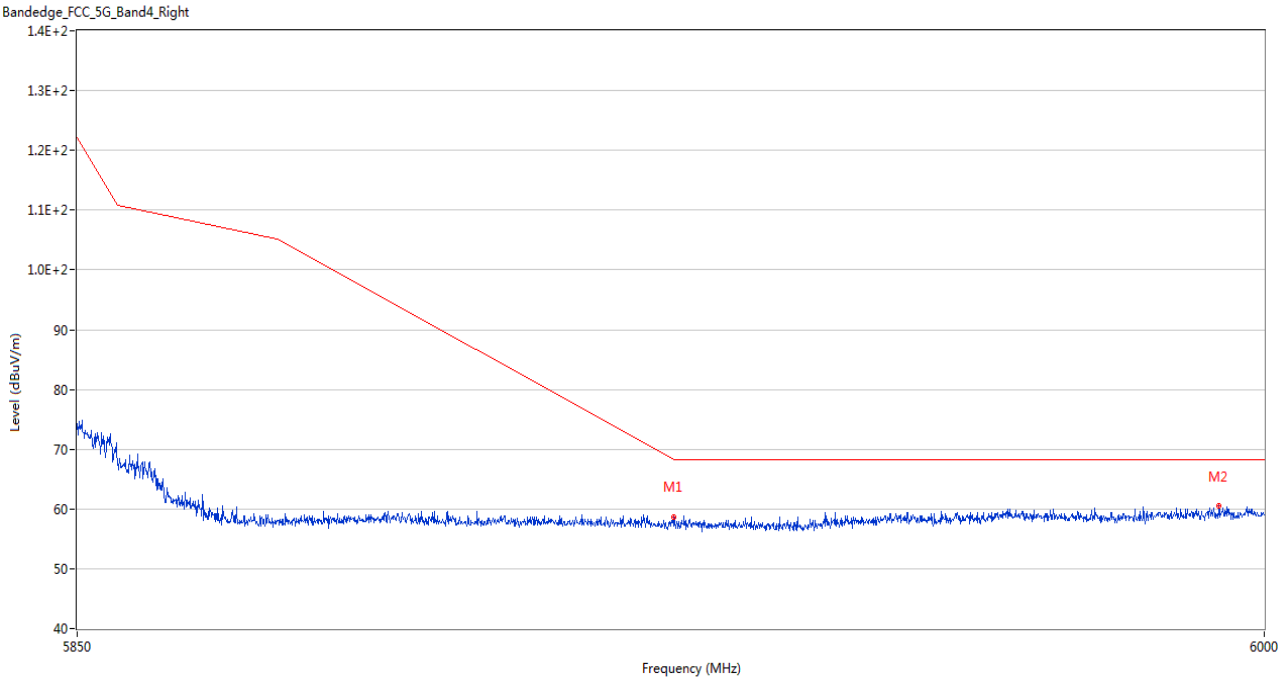
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.96	4.55	68.3	-10.34	Peak	360.00	100	Horizontal	Pass
2	5952.600	60.61	6.36	68.2	-7.59	Peak	232.00	200	Horizontal	Pass

U-NII-3 11ac20 CH149



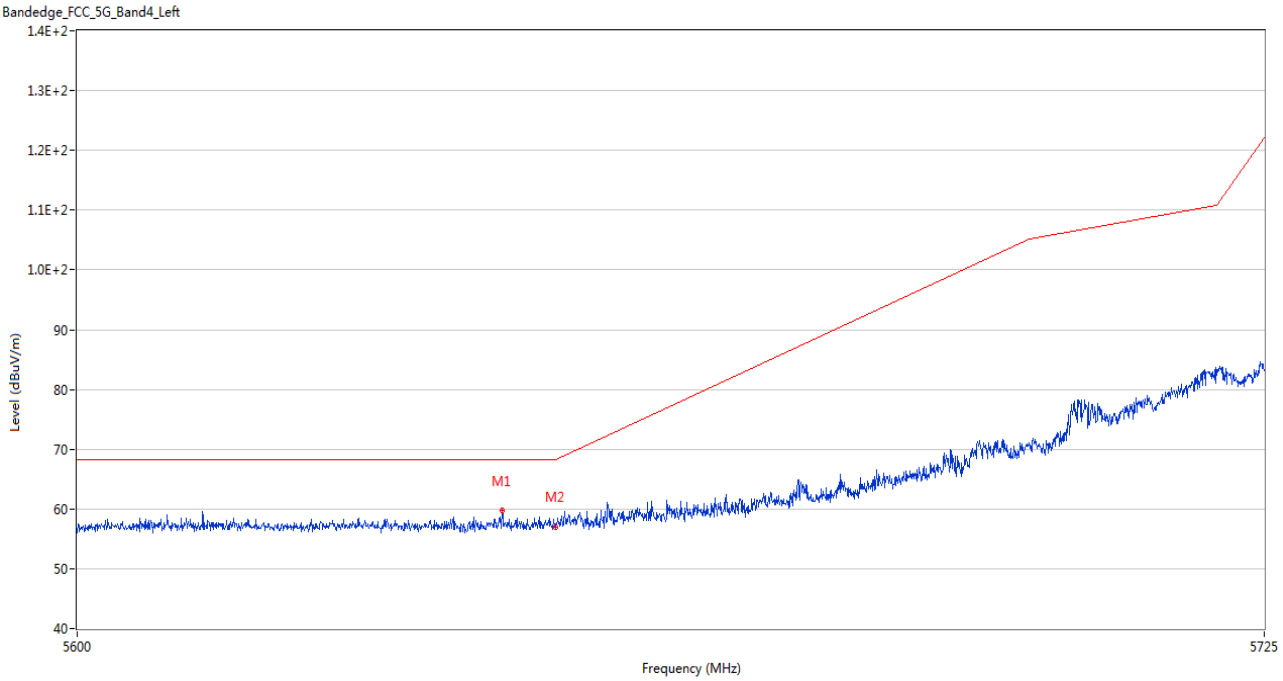
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5607.250	58.76	4.10	68.2	-9.44	Peak	352.00	100	Horizontal	Pass
2	5650.000	58.15	4.48	68.2	-10.05	Peak	325.00	200	Horizontal	Pass

U-NII-3 11ac20 CH165



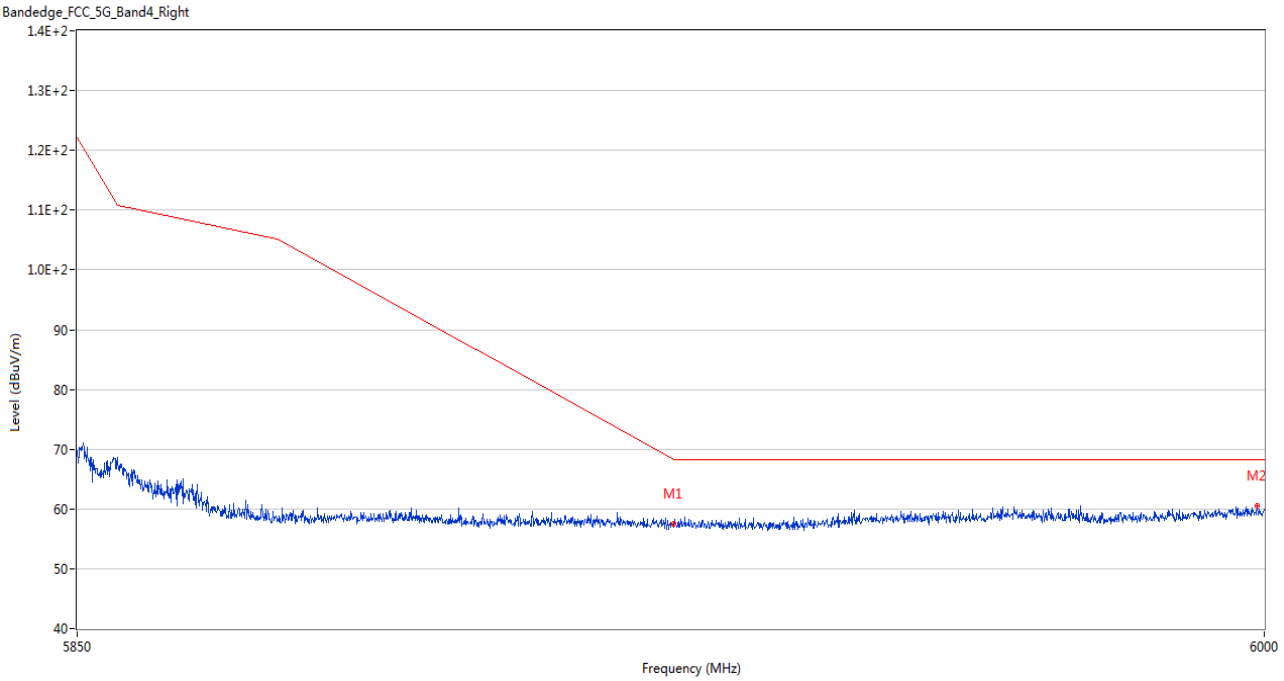
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	58.65	4.55	68.3	-9.65	Peak	16.00	100	Horizontal	Pass
2	5994.225	60.43	6.06	68.2	-7.77	Peak	80.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



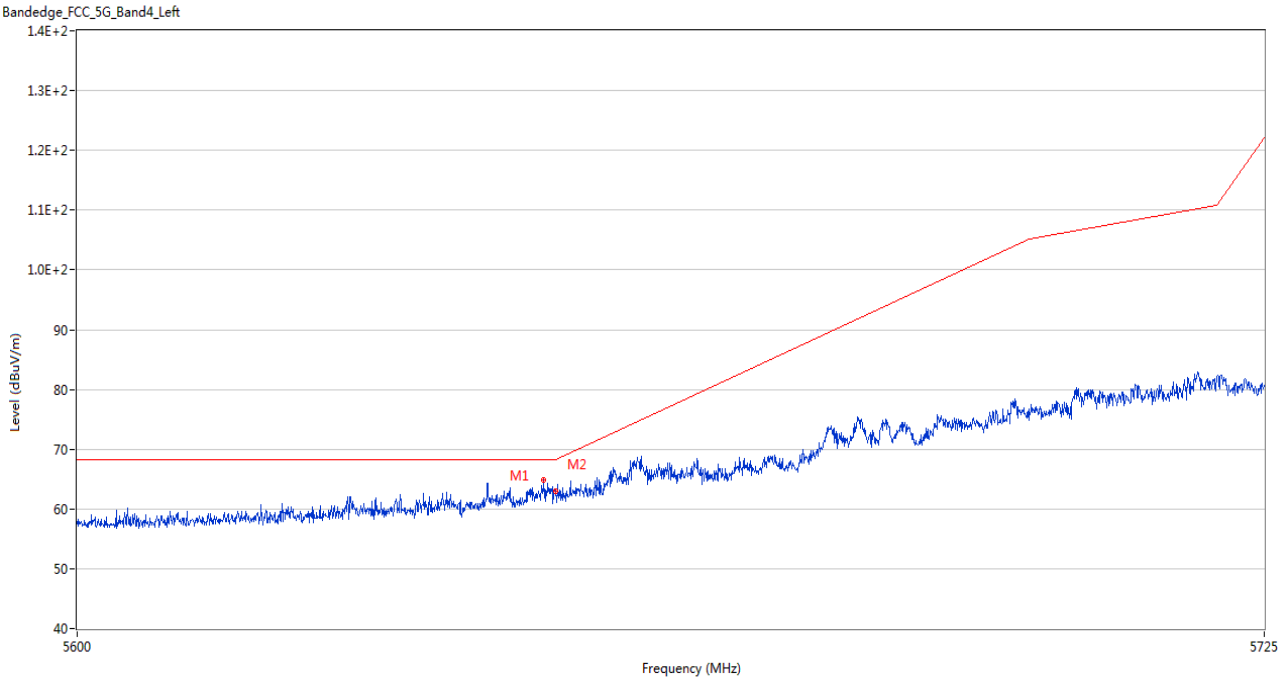
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.438	59.76	4.52	68.2	-8.44	Peak	140.00	100	Horizontal	Pass
2	5650.000	56.99	4.48	68.2	-11.21	Peak	138.00	200	Horizontal	Pass

U-NII-3 11ac40 CH159



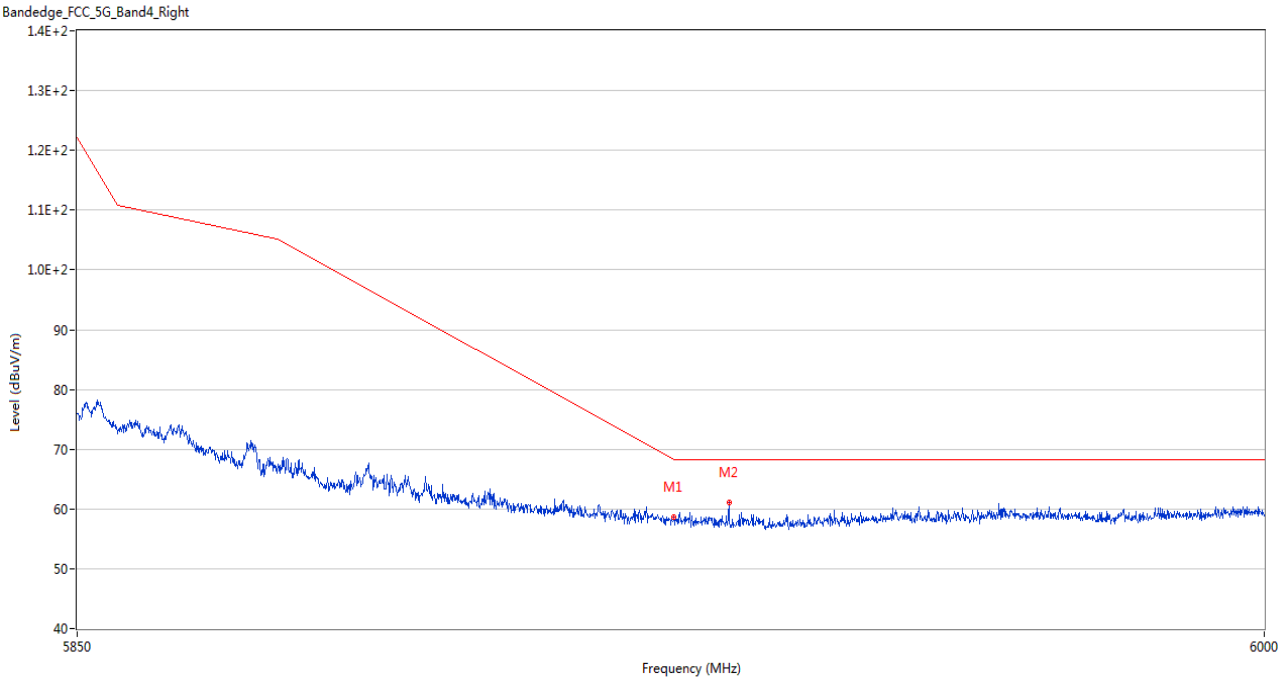
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.55	4.55	68.3	-10.75	Peak	64.00	150	Horizontal	Pass
2	5999.100	60.61	6.48	68.2	-7.59	Peak	52.00	150	Horizontal	Pass

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	5648.813	64.93	4.33	68.2	-3.27	Peak	142.00	200	Horizontal	Pass
2	5650.000	62.94	4.48	68.2	-5.26	Peak	142.00	200	Horizontal	Pass

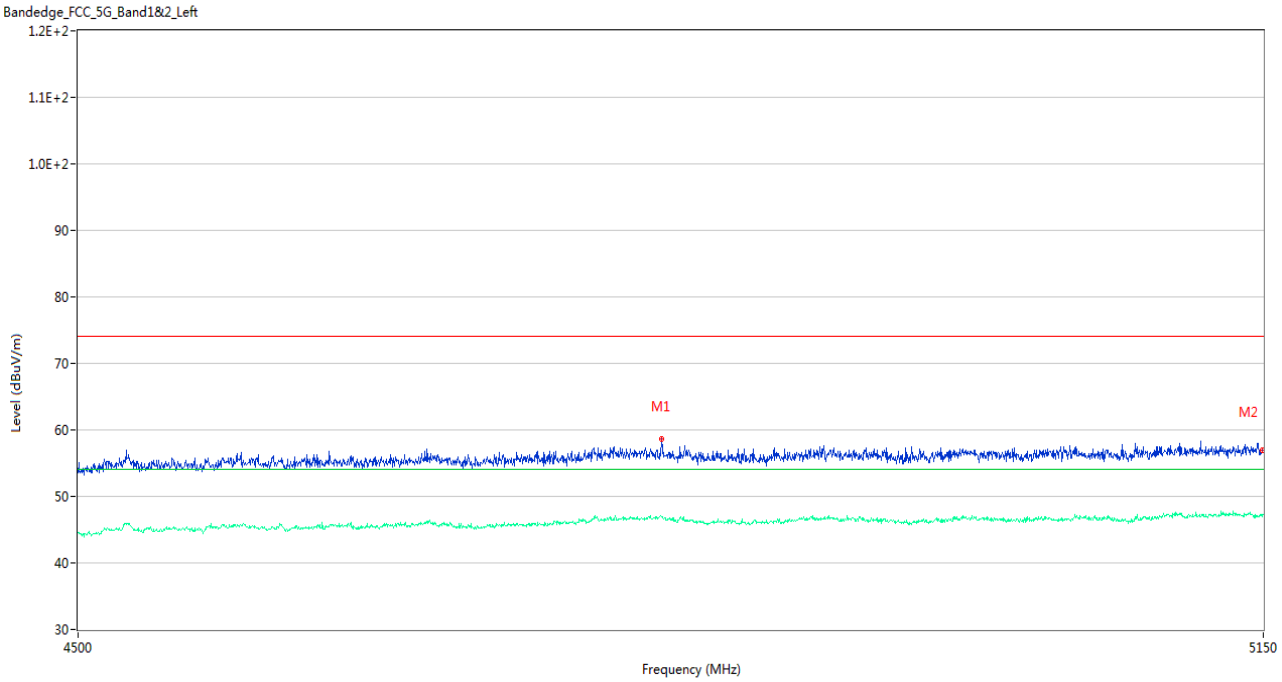
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	58.71	4.55	68.3	-9.59	Peak	289.00	200	Horizontal	Pass
2	5931.900	61.12	4.57	68.2	-7.08	Peak	139.00	150	Horizontal	Pass

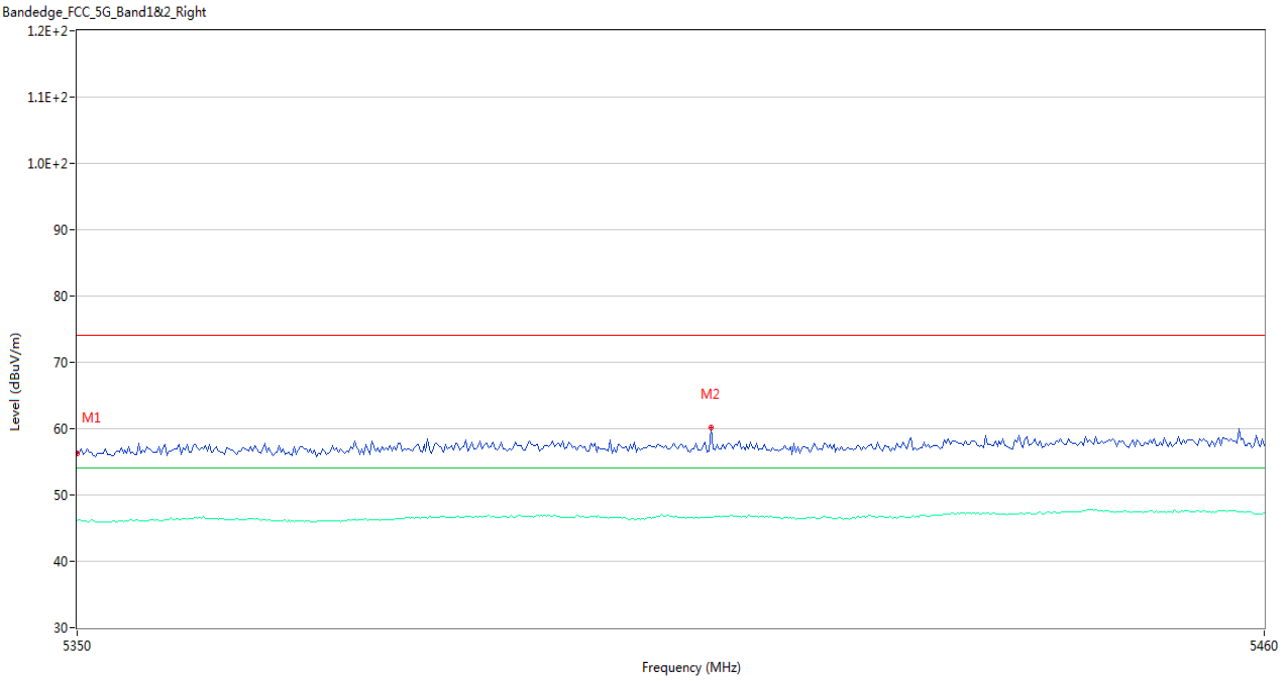
Aux. Antenna

U-NII-1 11a CH36



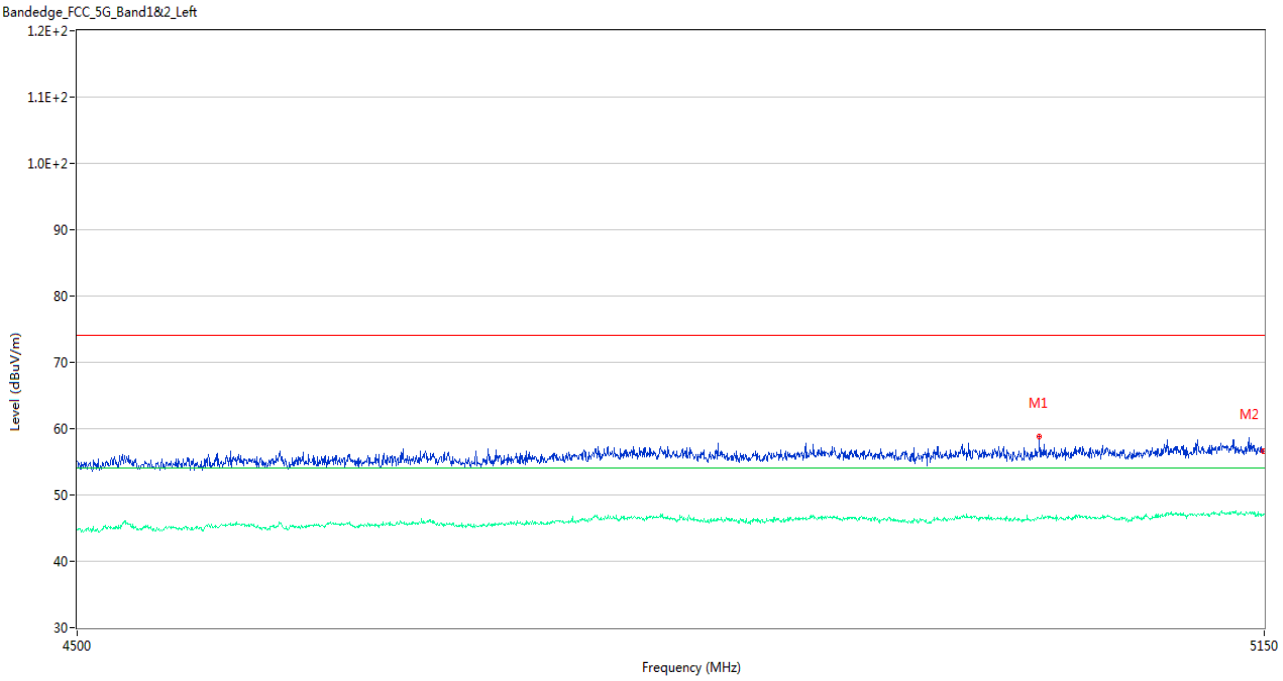
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4809.075	58.59	4.02	74.0	-15.41	Peak	57.00	100	Horizontal	Pass
1**	4809.075	46.96	4.02	54.0	-7.04	AV	57.00	100	Horizontal	Pass
2	5149.675	57.01	3.93	74.0	-16.99	Peak	96.00	100	Horizontal	Pass
2**	5149.675	47.28	3.93	54.0	-6.72	AV	96.00	100	Horizontal	Pass

U-NII-1 11a CH48



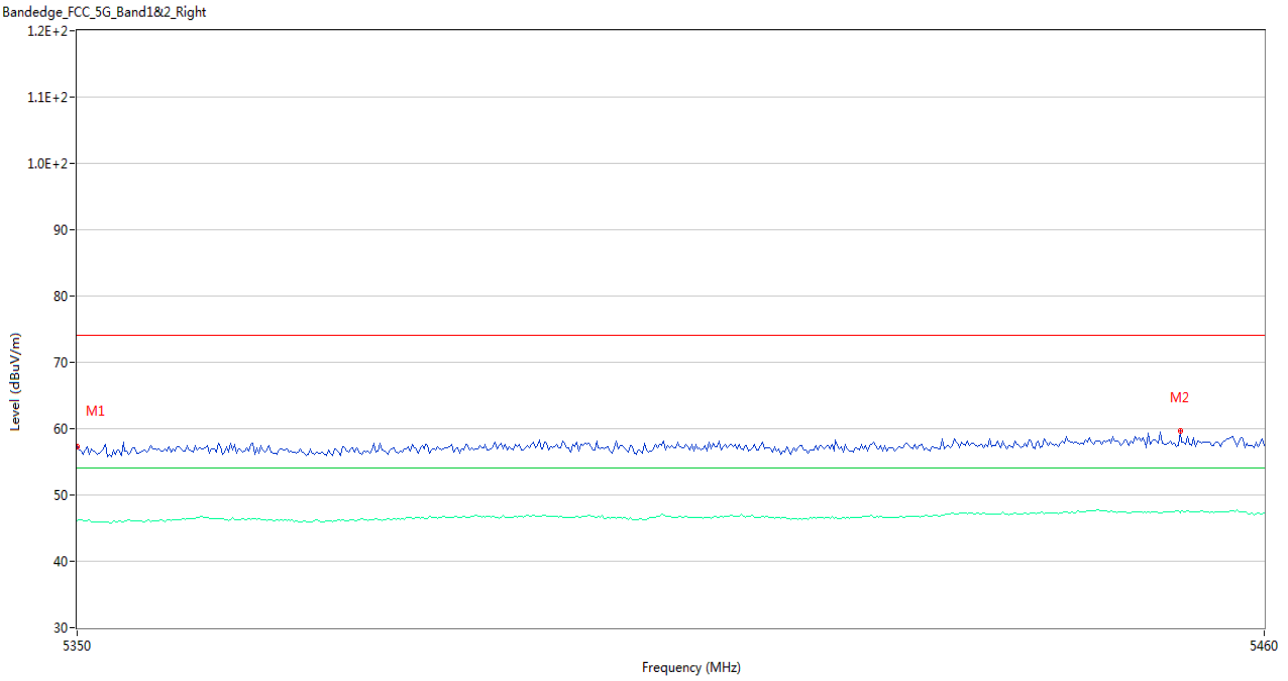
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.31	4.22	74.0	-17.69	Peak	147.00	150	Horizontal	Pass
1**	5350.000	46.17	4.22	54.0	-7.83	AV	147.00	150	Horizontal	Pass
2	5408.483	60.22	4.09	74.0	-13.78	Peak	147.00	150	Horizontal	Pass
2**	5408.483	46.66	4.09	54.0	-7.34	AV	147.00	150	Horizontal	Pass

U-NII-1 11n20 CH36



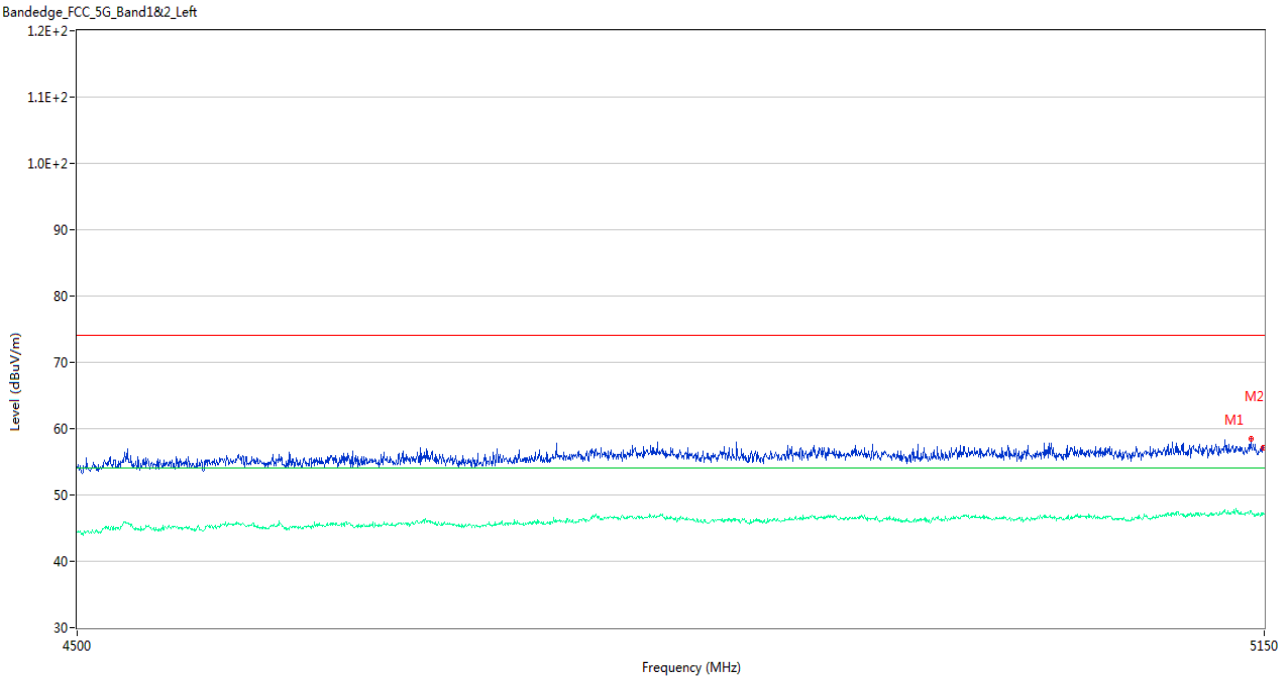
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5020.000	58.89	3.39	74.0	-15.11	Peak	137.00	150	Horizontal	Pass
1**	5020.000	46.39	3.39	54.0	-7.61	AV	137.00	150	Horizontal	Pass
2	5149.675	56.56	3.93	74.0	-17.44	Peak	20.00	100	Horizontal	Pass
2**	5149.675	47.07	3.93	54.0	-6.93	AV	20.00	100	Horizontal	Pass

U-NII-1 11n20 CH48



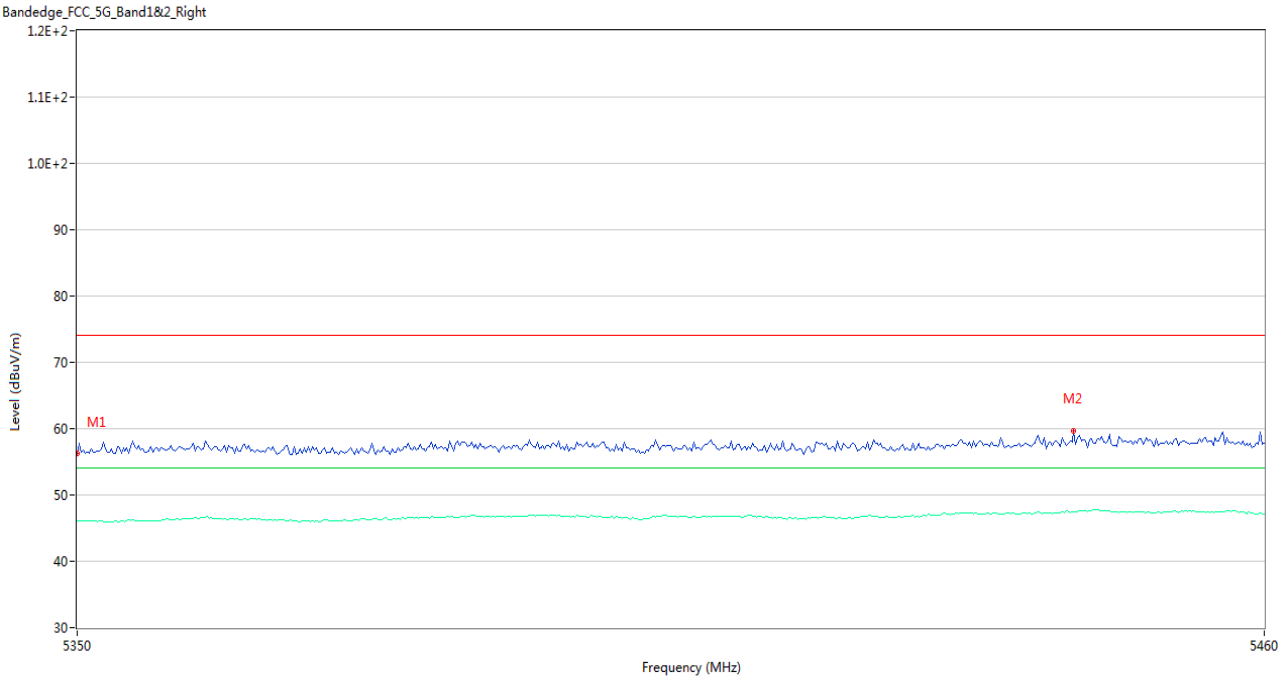
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.30	4.22	74.0	-16.70	Peak	28.00	100	Horizontal	Pass
1**	5350.000	46.08	4.22	54.0	-7.92	AV	28.00	100	Horizontal	Pass
2	5452.116	59.70	5.60	74.0	-14.30	Peak	159.00	100	Horizontal	Pass
2**	5452.116	47.35	5.60	54.0	-6.65	AV	159.00	100	Horizontal	Pass

U-NII-1 11n40 CH38



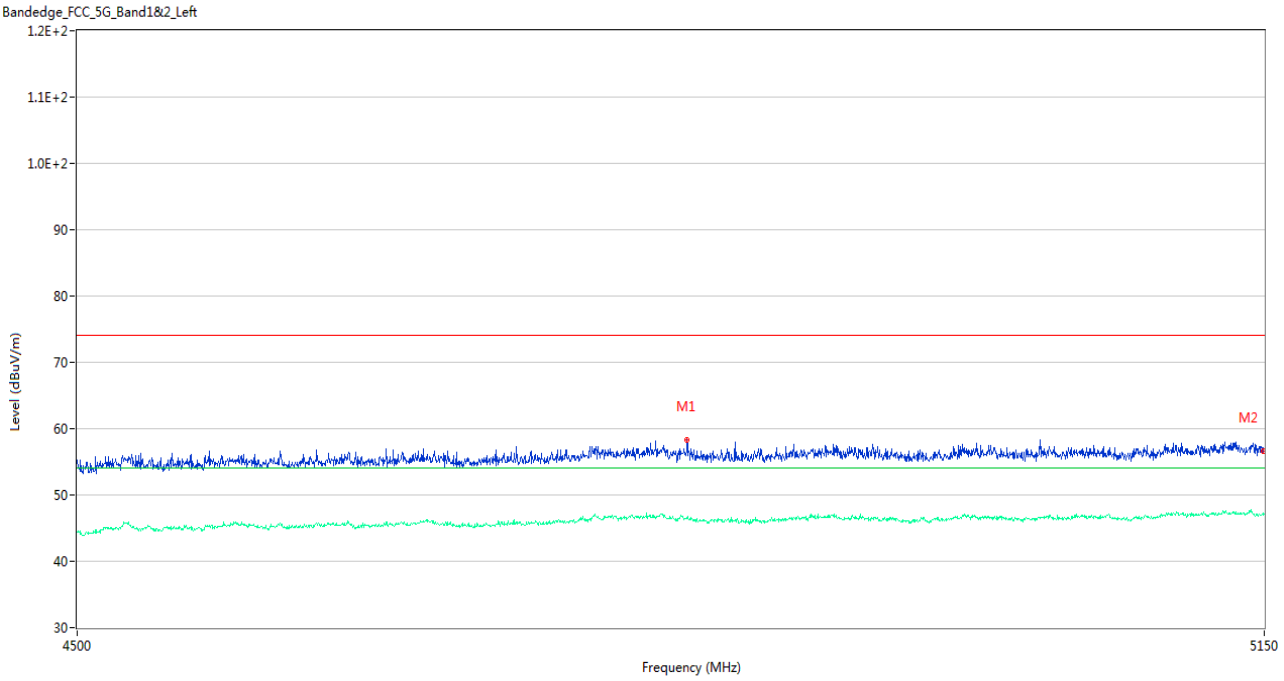
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.200	58.44	4.31	74.0	-15.56	Peak	215.00	150	Horizontal	Pass
1**	5142.200	47.55	4.31	54.0	-6.45	AV	215.00	150	Horizontal	Pass
2	5149.675	57.09	3.93	74.0	-16.91	Peak	236.00	200	Horizontal	Pass
2**	5149.675	47.15	3.93	54.0	-6.85	AV	236.00	200	Horizontal	Pass

U-NII-1 11n40 CH46



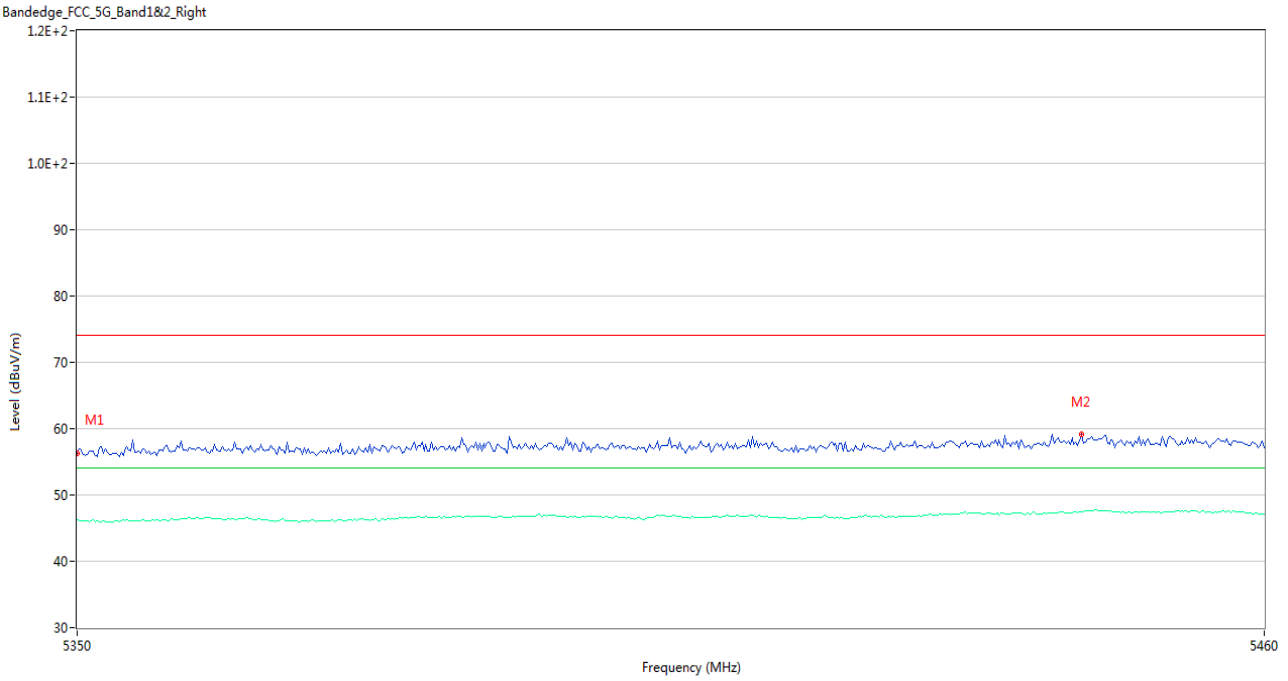
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.34	4.22	74.0	-17.66	Peak	320.00	150	Horizontal	Pass
1**	5350.000	46.02	4.22	54.0	-7.98	AV	320.00	150	Horizontal	Pass
2	5442.217	59.61	5.20	74.0	-14.39	Peak	289.00	150	Horizontal	Pass
2**	5442.217	47.43	5.20	54.0	-6.57	AV	289.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



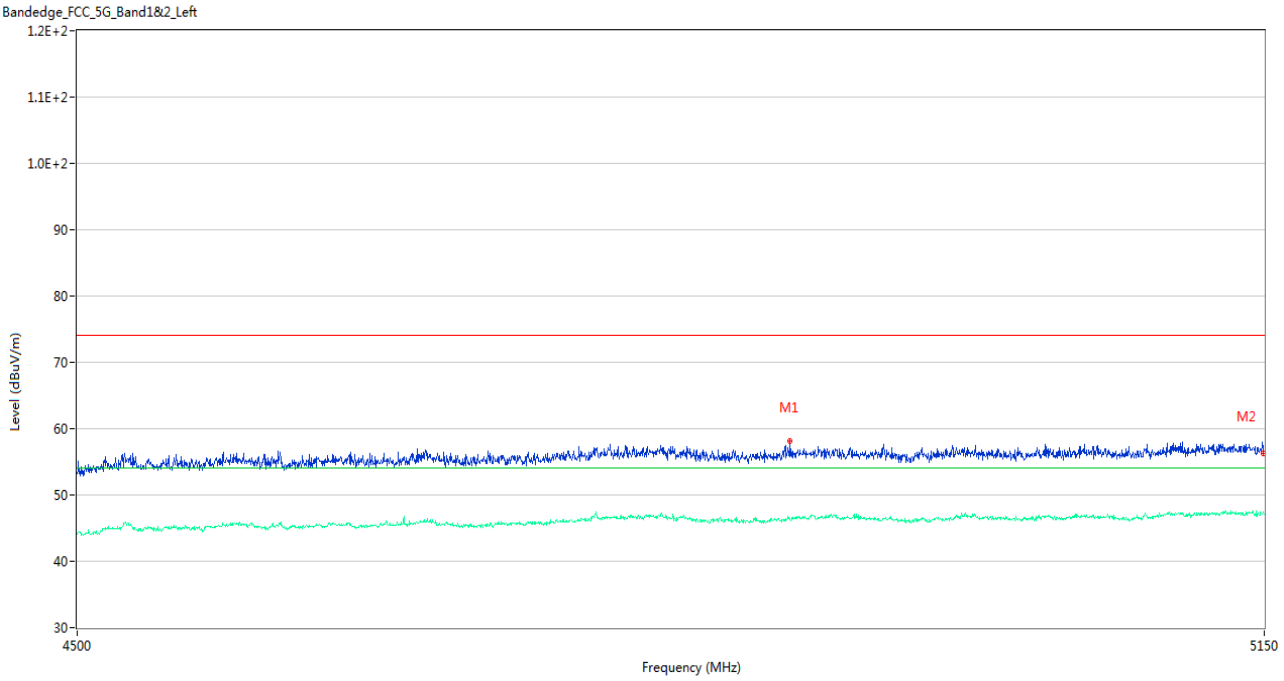
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4823.050	58.33	3.07	74.0	-15.67	Peak	30.00	150	Horizontal	Pass
1**	4823.050	46.50	3.07	54.0	-7.50	AV	30.00	150	Horizontal	Pass
2	5149.675	56.59	3.93	74.0	-17.41	Peak	159.00	150	Horizontal	Pass
2**	5149.675	47.21	3.93	54.0	-6.79	AV	159.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



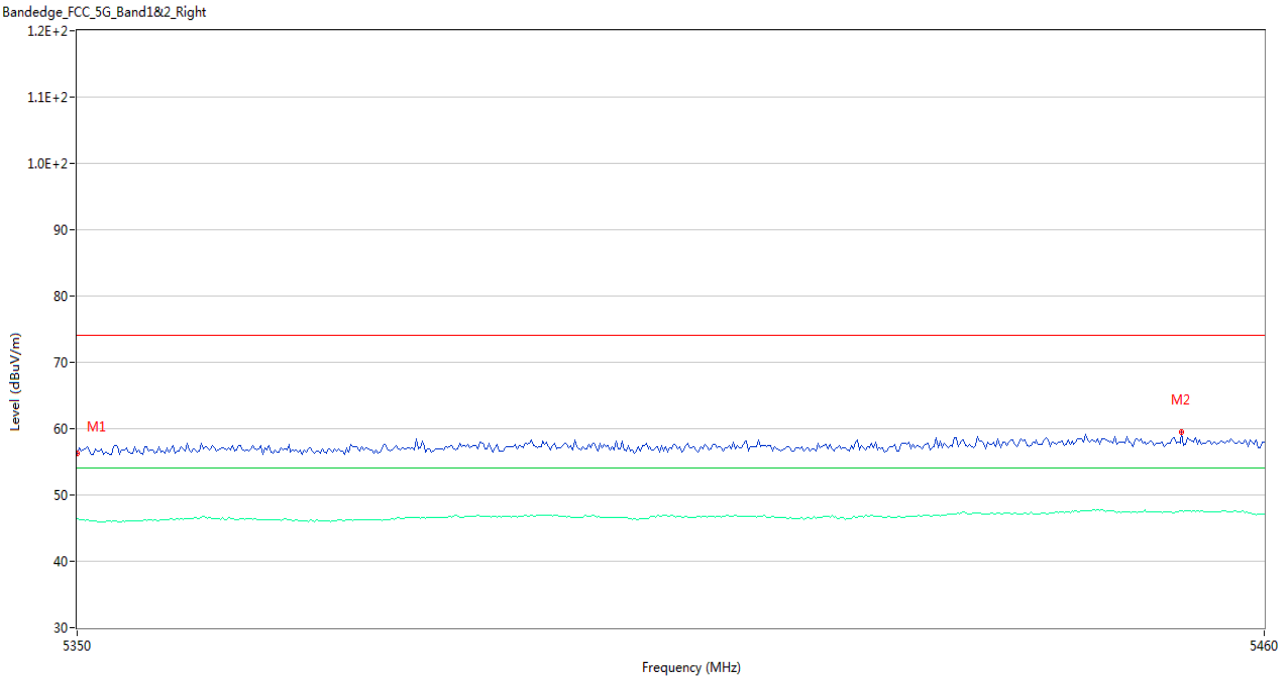
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.29	4.22	74.0	-17.71	Peak	122.00	150	Horizontal	Pass
1**	5350.000	46.22	4.22	54.0	-7.78	AV	122.00	150	Horizontal	Pass
2	5442.950	59.15	5.34	74.0	-14.85	Peak	22.00	150	Horizontal	Pass
2**	5442.950	47.45	5.34	54.0	-6.55	AV	22.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



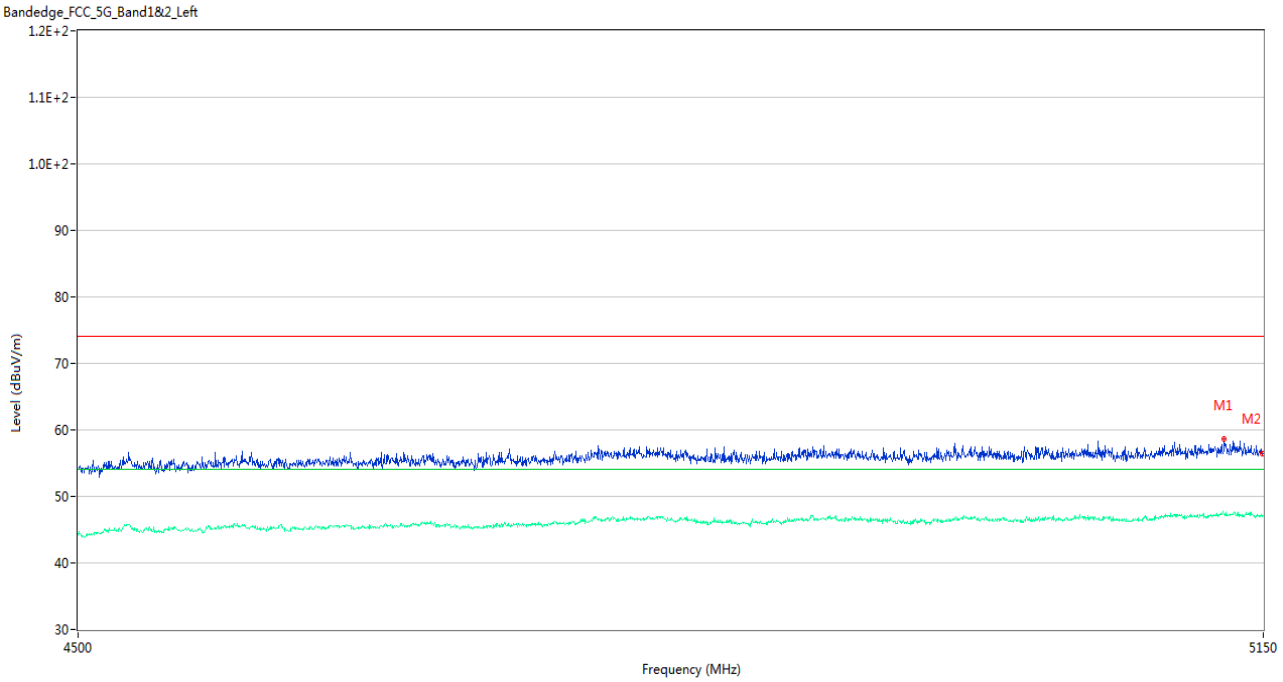
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4879.925	58.18	3.40	74.0	-15.82	Peak	130.00	150	Horizontal	Pass
1**	4879.925	46.30	3.40	54.0	-7.70	AV	130.00	150	Horizontal	Pass
2	5149.675	56.20	3.93	74.0	-17.80	Peak	24.00	150	Horizontal	Pass
2**	5149.675	47.45	3.93	54.0	-6.55	AV	24.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



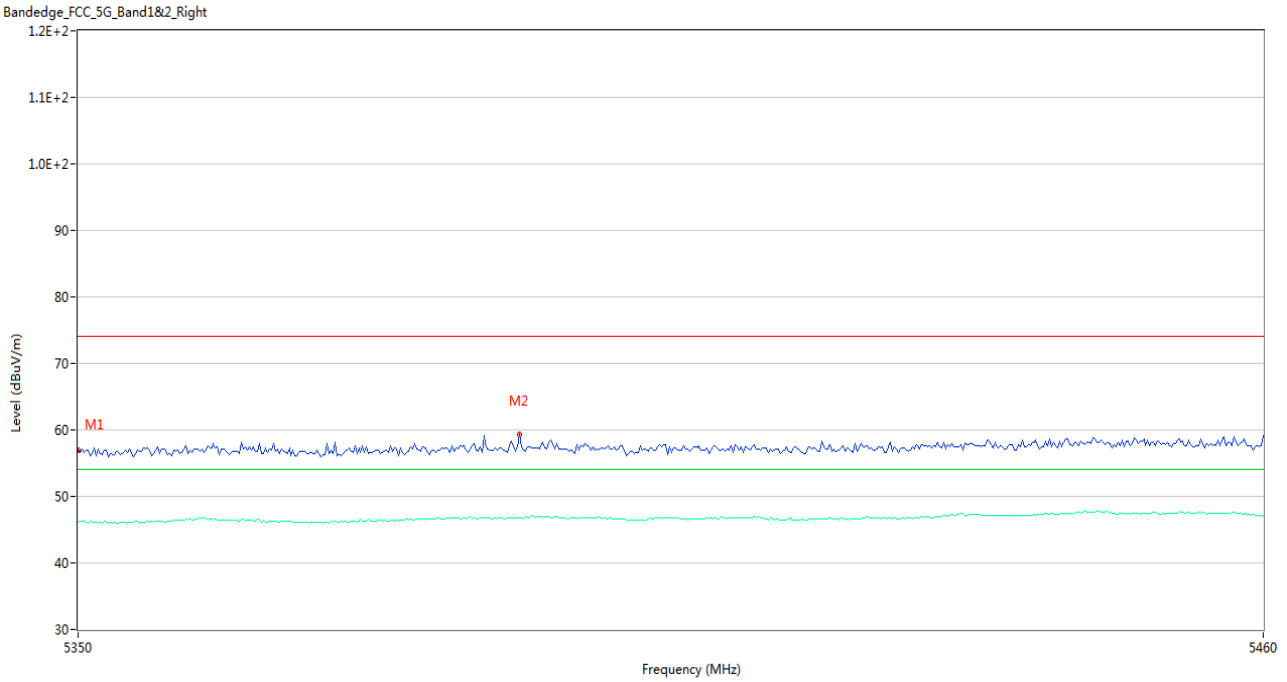
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.26	4.22	74.0	-17.74	Peak	293.00	150	Horizontal	Pass
1**	5350.000	46.40	4.22	54.0	-7.60	AV	293.00	150	Horizontal	Pass
2	5452.300	59.48	5.62	74.0	-14.52	Peak	270.00	150	Horizontal	Pass
2**	5452.300	47.67	5.62	54.0	-6.33	AV	270.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



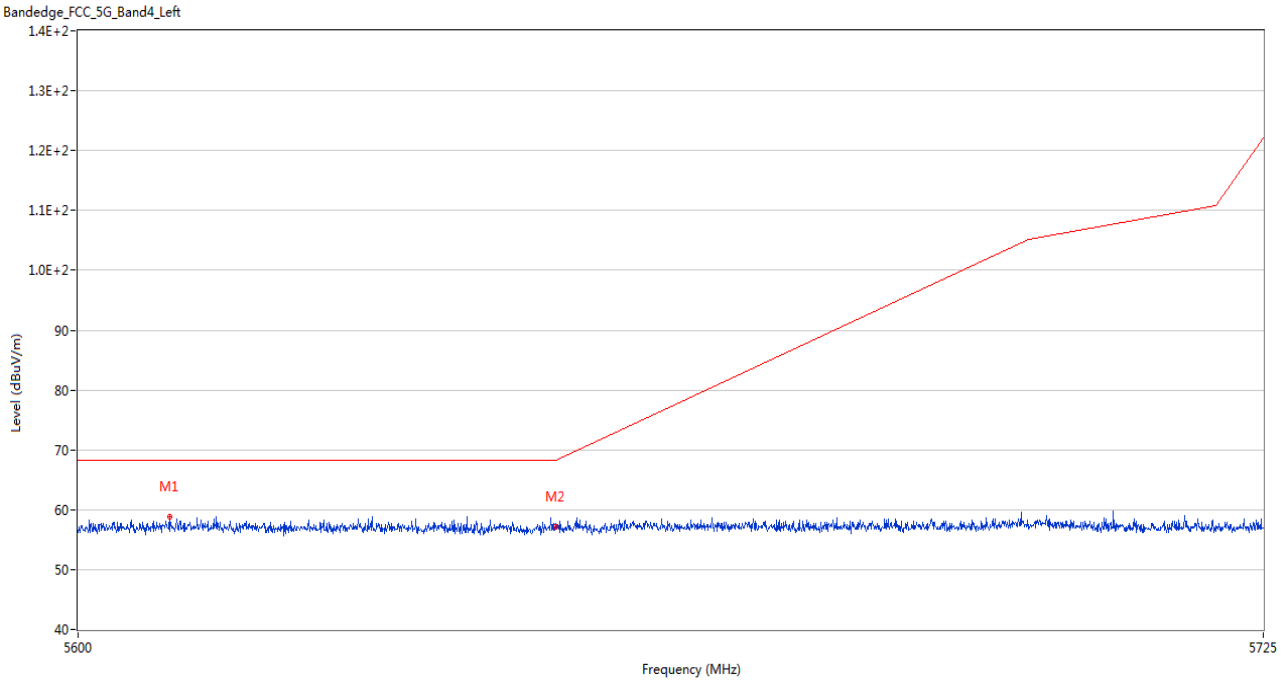
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.250	58.71	4.38	74.0	-15.29	Peak	40.00	150	Horizontal	Pass
1**	5127.250	47.54	4.38	54.0	-6.46	AV	40.00	150	Horizontal	Pass
2	5149.675	56.37	3.93	74.0	-17.63	Peak	287.00	100	Horizontal	Pass
2**	5149.675	47.13	3.93	54.0	-6.87	AV	287.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



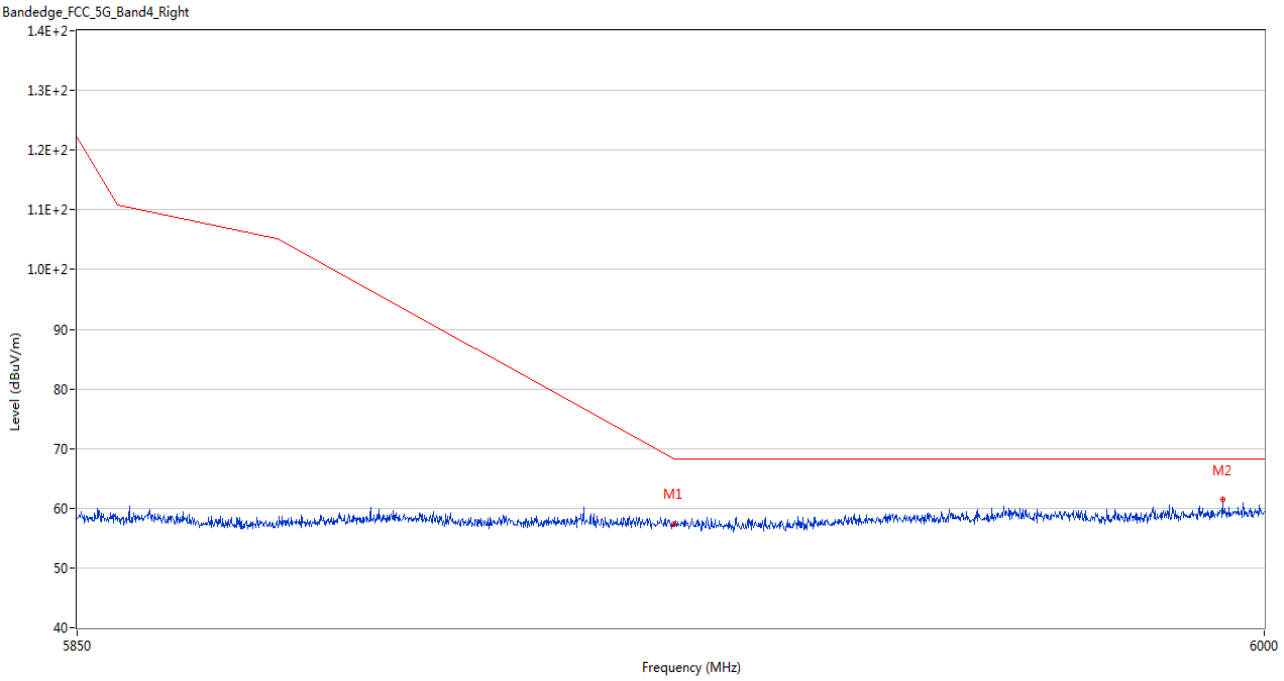
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.88	4.22	74.0	-17.12	Peak	106.00	100	Horizontal	Pass
1**	5350.000	46.17	4.22	54.0	-7.83	AV	106.00	100	Horizontal	Pass
2	5390.700	59.37	4.52	74.0	-14.63	Peak	360.00	100	Horizontal	Pass
2**	5390.700	46.84	4.52	54.0	-7.16	AV	360.00	100	Horizontal	Pass

U-NII-3 11a CH149



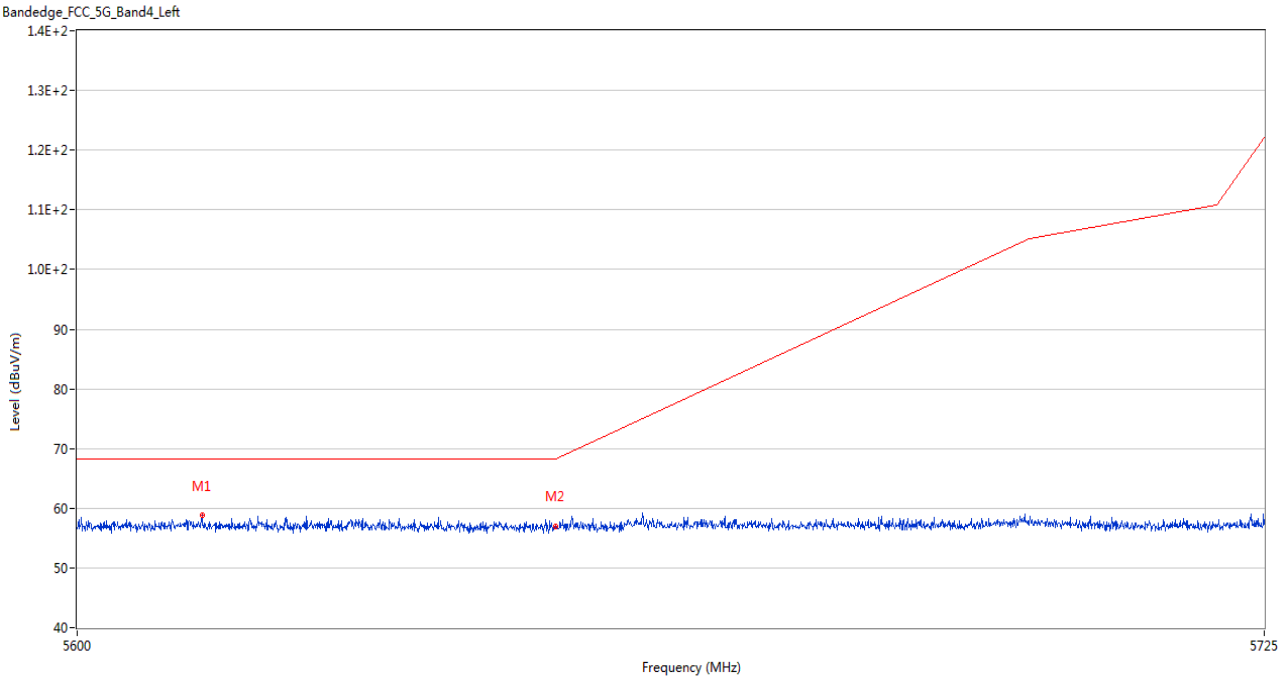
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5609.563	58.90	4.19	68.2	-9.30	Peak	219.00	100	Horizontal	Pass
2	5650.000	57.20	4.48	68.2	-11.00	Peak	231.00	100	Horizontal	Pass

U-NII-3 11a CH165



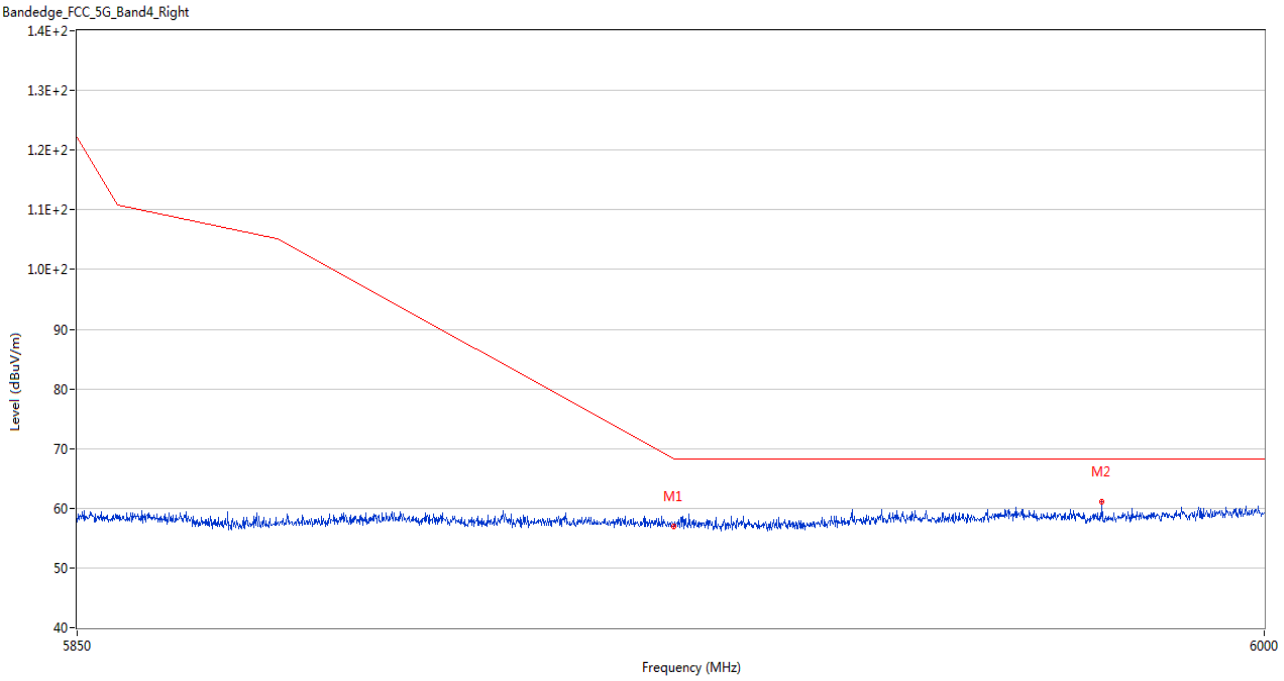
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.38	4.55	68.3	-10.92	Peak	32.00	150	Horizontal	Pass
2	5994.675	61.38	6.12	68.2	-6.82	Peak	78.00	200	Horizontal	Pass

U-NII-3 11n20 CH149



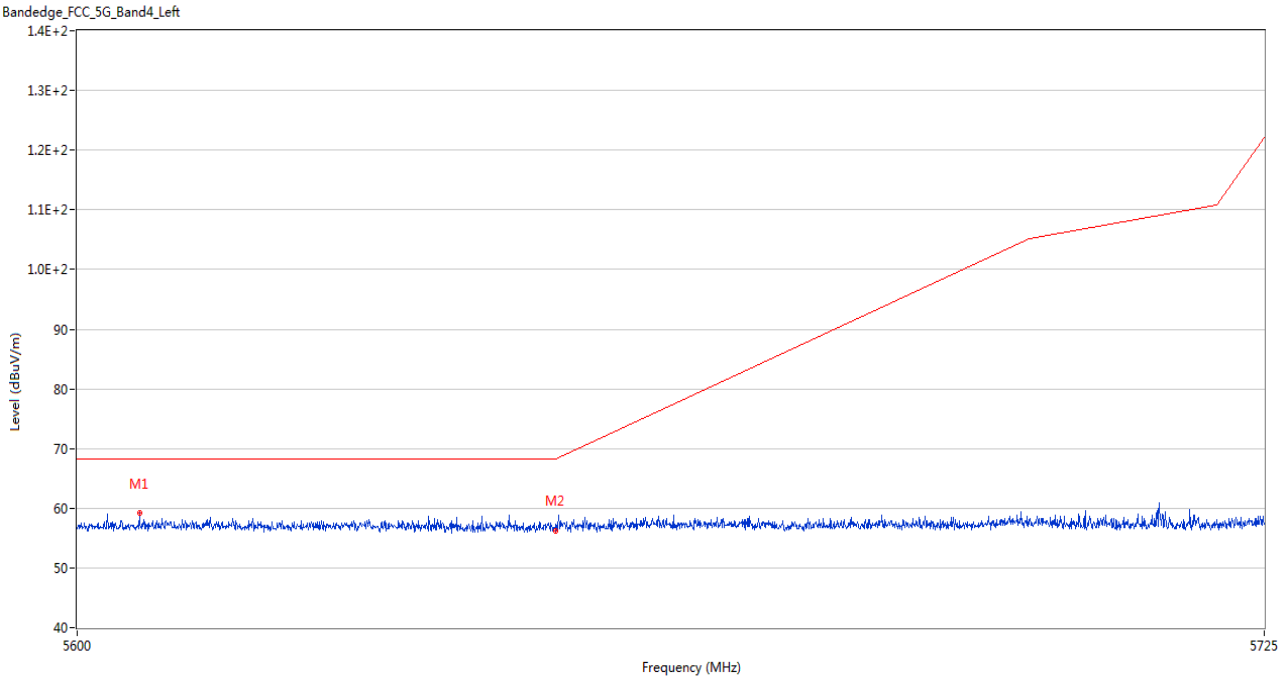
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5613.000	58.79	4.07	68.2	-9.41	Peak	311.00	100	Horizontal	Pass
2	5650.000	57.00	4.48	68.2	-11.20	Peak	276.00	100	Horizontal	Pass

U-NII-3 11n20 CH165



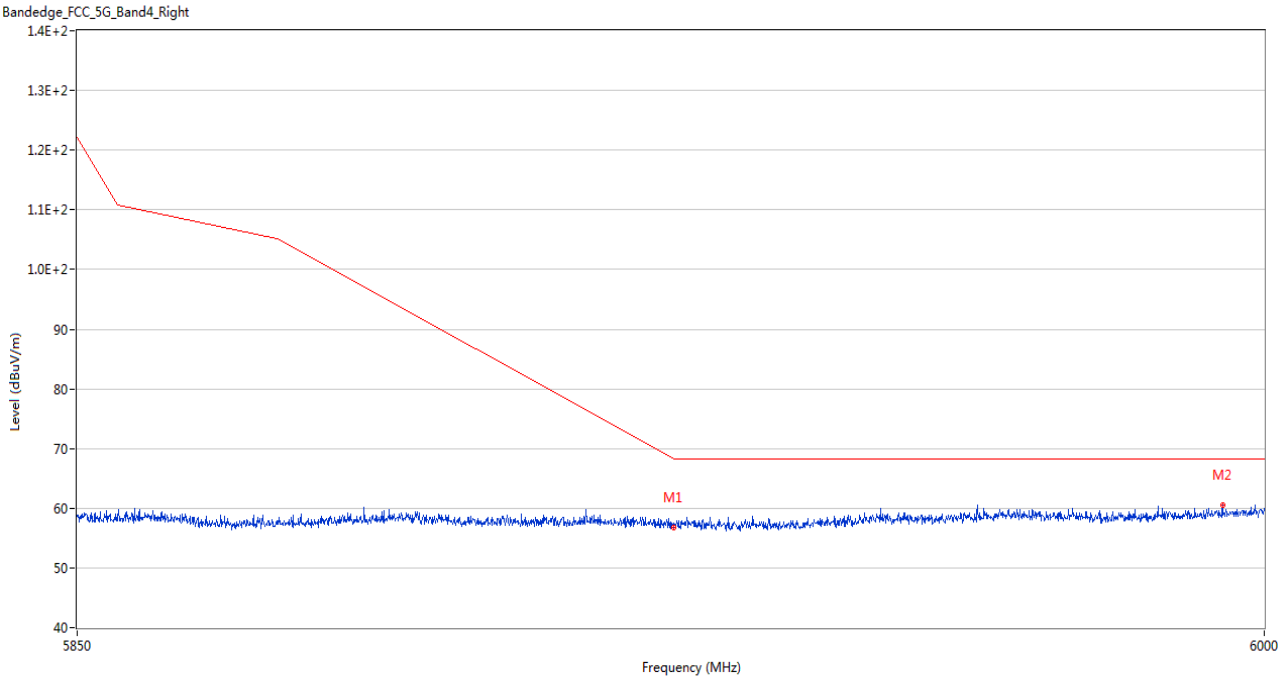
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.01	4.55	68.3	-11.29	Peak	104.00	200	Horizontal	Pass
2	5979.300	61.18	5.61	68.2	-7.02	Peak	141.00	200	Horizontal	Pass

U-NII-3 11n40 CH151



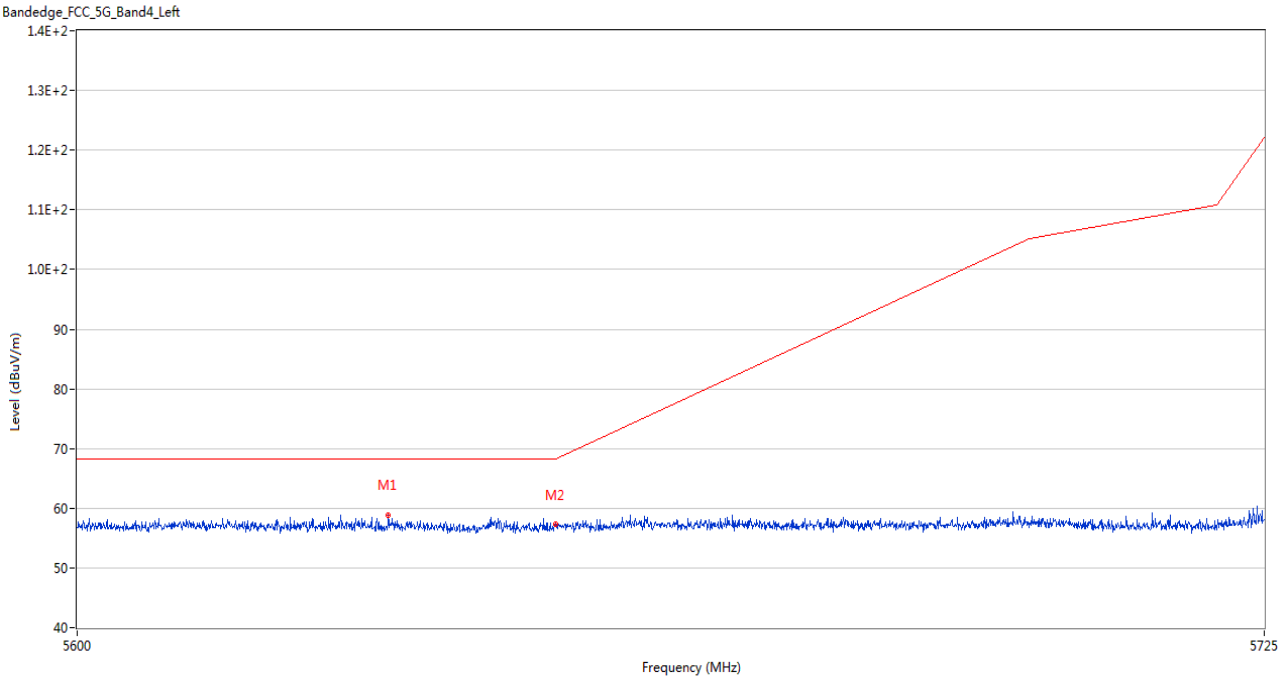
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5606.500	59.17	4.11	68.2	-9.03	Peak	174.00	200	Horizontal	Pass
2	5650.000	56.25	4.48	68.2	-11.95	Peak	0.00	100	Horizontal	Pass

U-NII-3 11n40 CH159



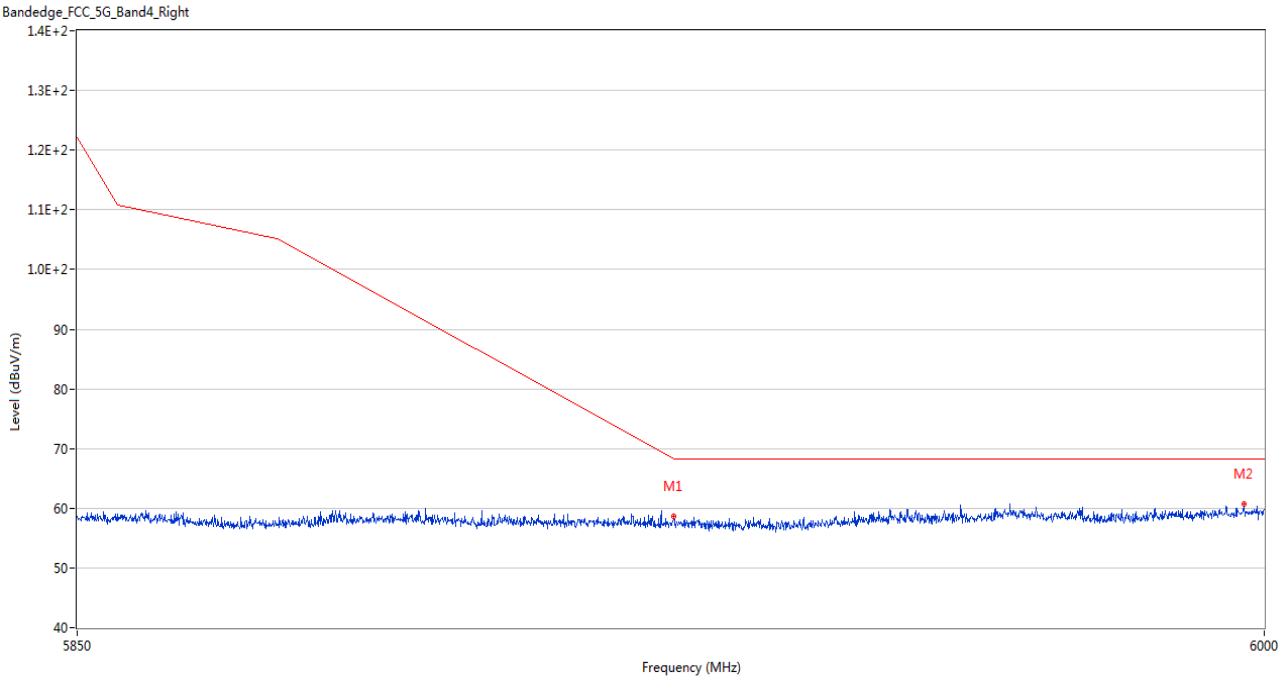
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.80	4.55	68.3	-11.50	Peak	127.00	150	Horizontal	Pass
2	5994.675	60.54	6.12	68.2	-7.66	Peak	149.00	200	Horizontal	Pass

U-NII-3 11ac20 CH149



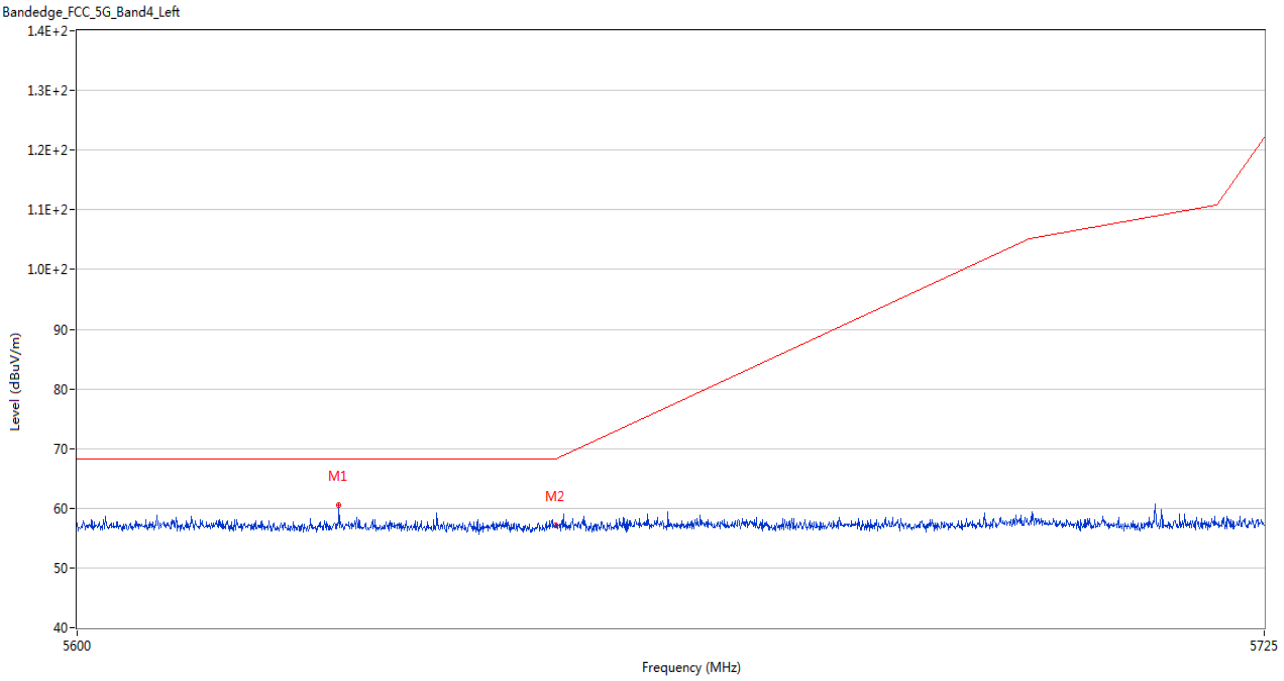
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.500	58.86	4.02	68.2	-9.34	Peak	54.00	100	Horizontal	Pass
2	5650.000	57.31	4.48	68.2	-10.89	Peak	172.00	100	Horizontal	Pass

U-NII-3 11ac20 CH165



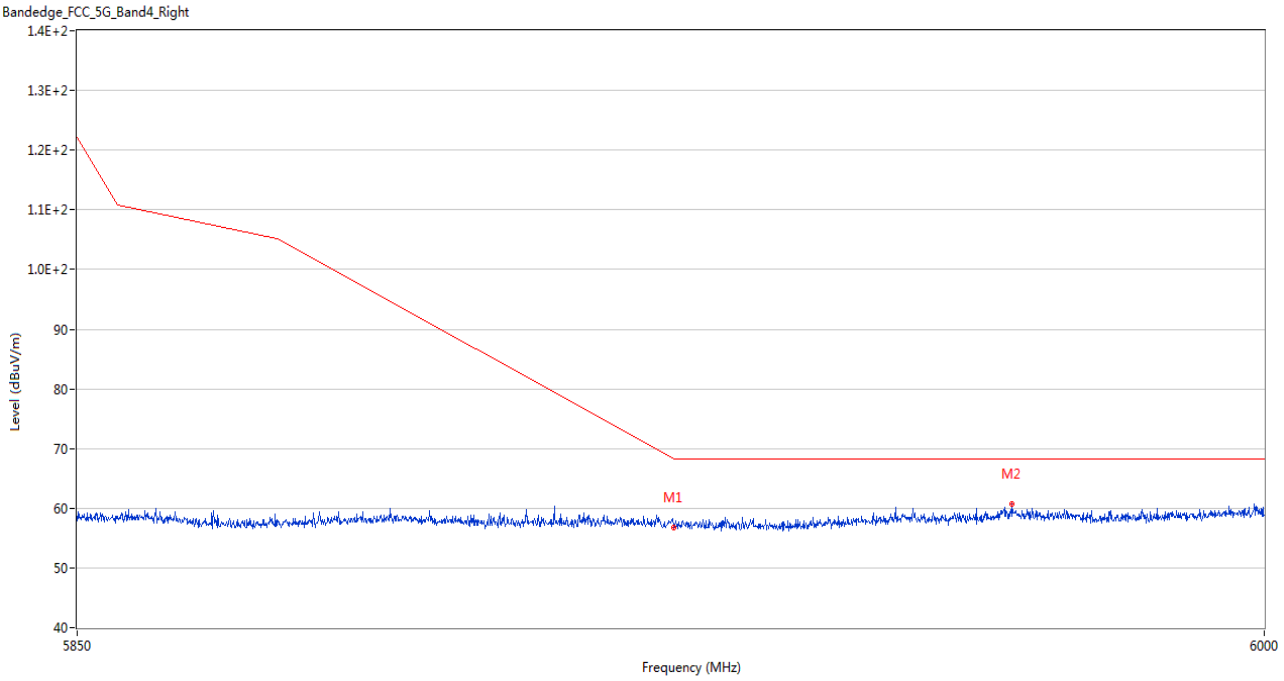
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	58.70	4.55	68.3	-9.60	Peak	68.00	150	Horizontal	Pass
2	5997.375	60.73	6.29	68.2	-7.47	Peak	23.00	100	Horizontal	Pass

U-NII-3 11ac40 CH151



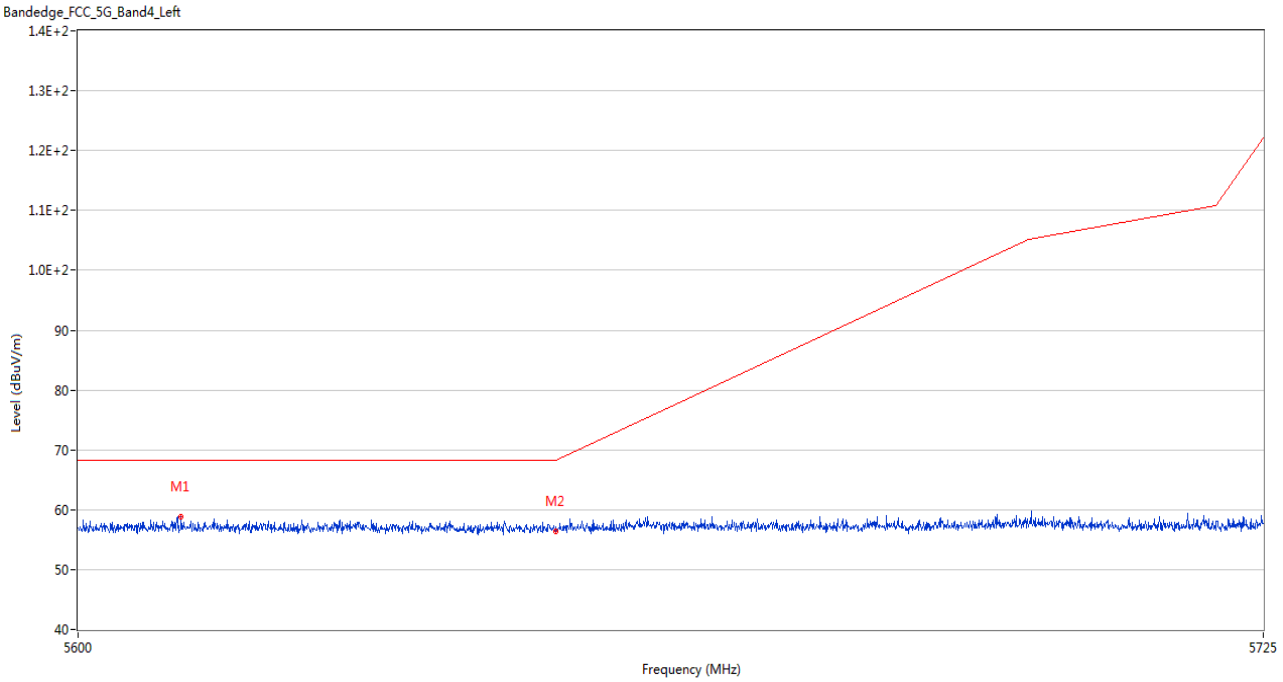
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.313	60.46	3.95	68.2	-7.74	Peak	45.00	200	Horizontal	Pass
2	5650.000	57.05	4.48	68.2	-11.15	Peak	164.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



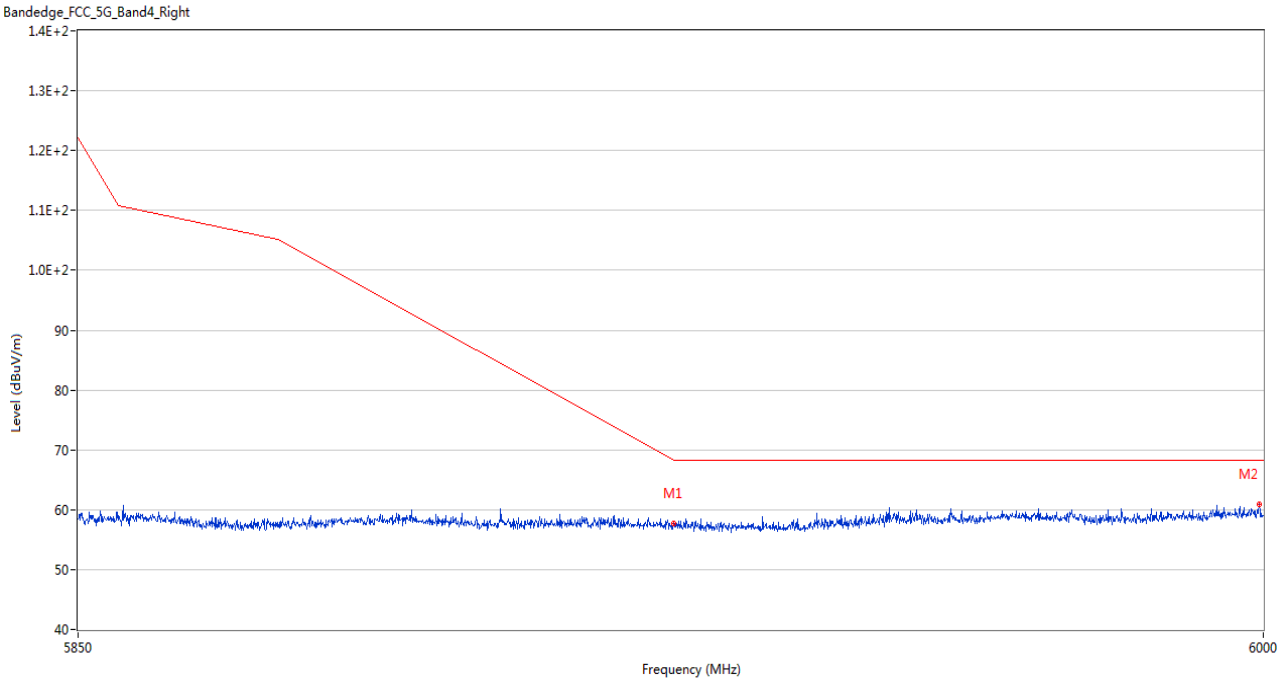
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.85	4.55	68.3	-11.45	Peak	199.00	100	Horizontal	Pass
2	5967.825	60.80	6.91	68.2	-7.40	Peak	170.00	100	Horizontal	Pass

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	5610.750	58.87	4.17	68.2	-9.33	Peak	172.00	200	Horizontal	Pass
2	5650.000	56.43	4.48	68.2	-11.77	Peak	360.00	100	Horizontal	Pass

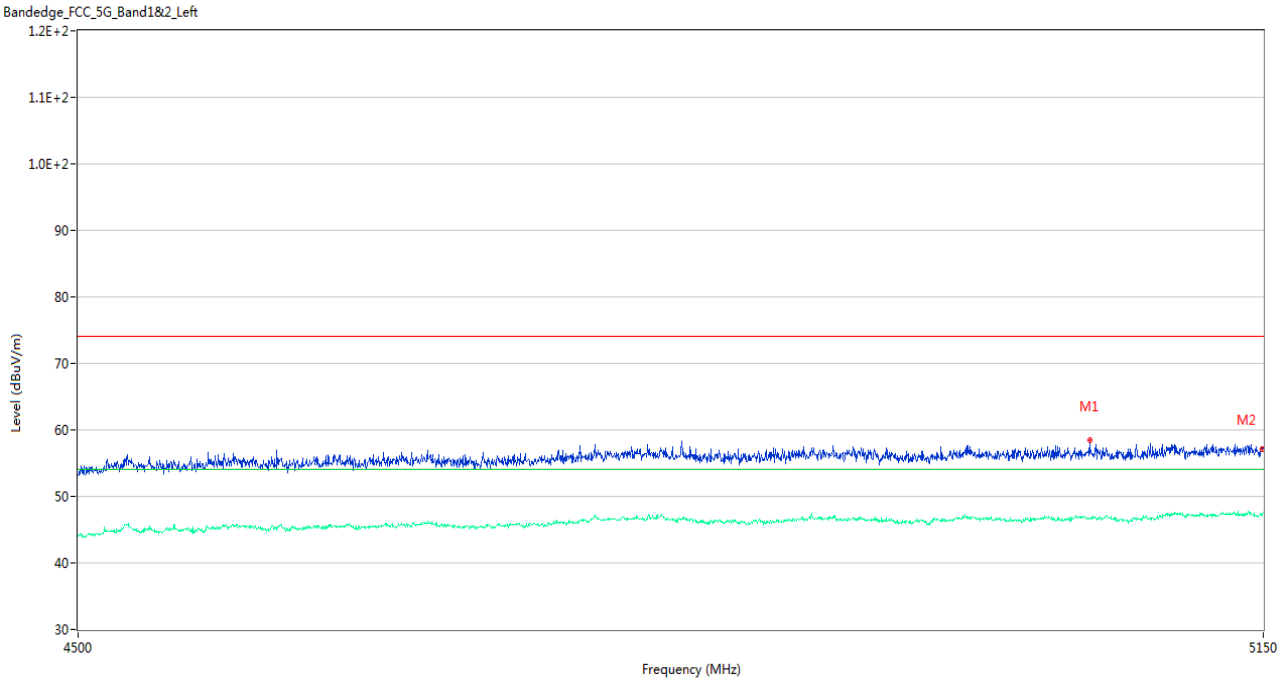
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.76	4.55	68.3	-10.54	Peak	79.00	200	Horizontal	Pass
2	5999.475	60.96	6.46	68.2	-7.24	Peak	0.00	200	Horizontal	Pass

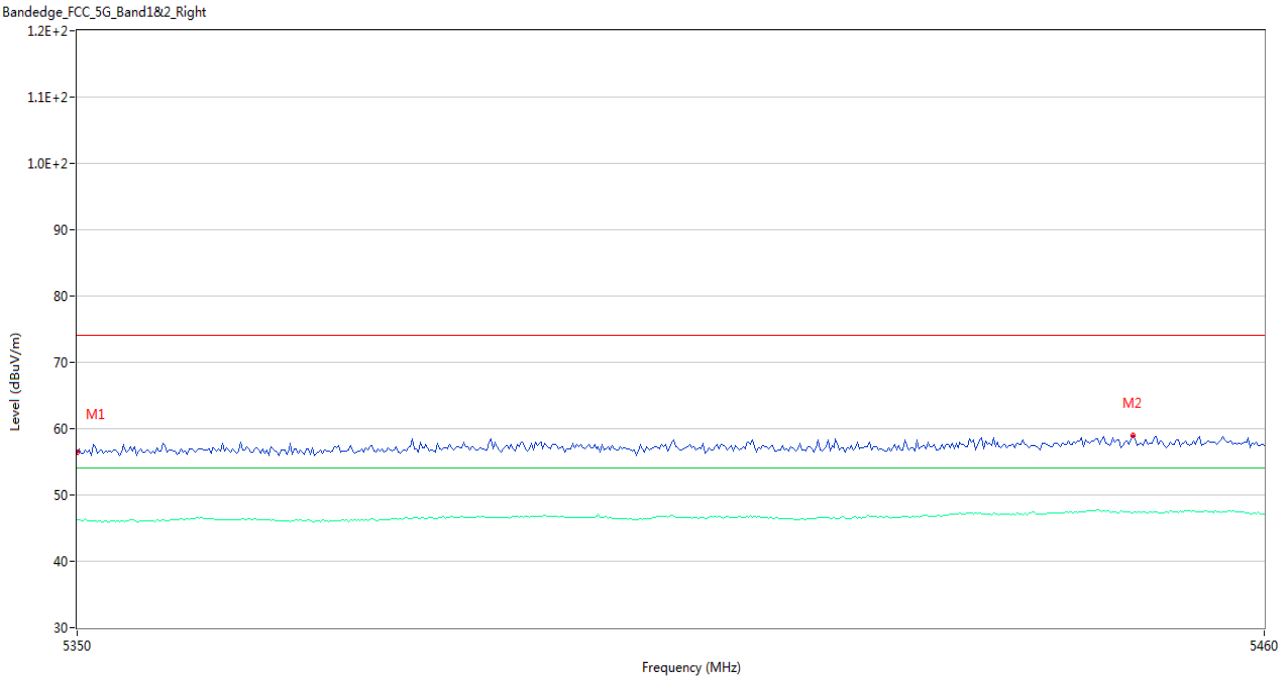
MIMO

U-NII-1 11n20 CH36



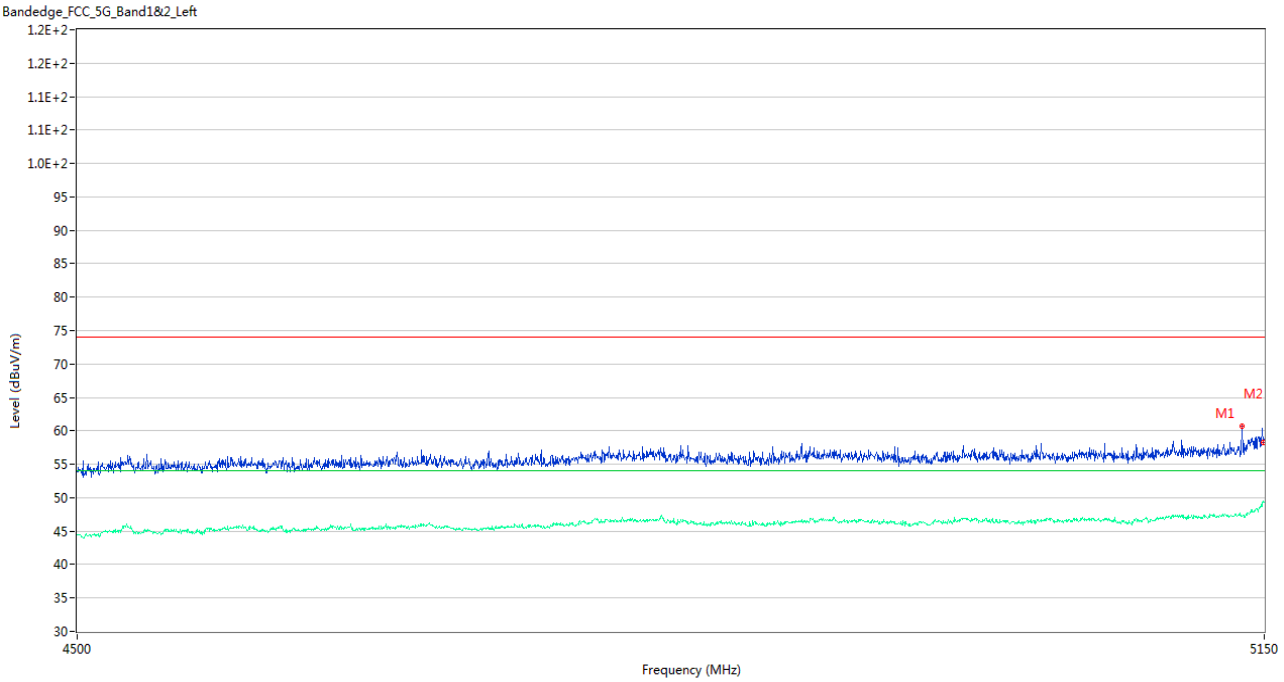
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5049.250	58.51	4.08	74.0	-15.49	Peak	360.00	100	Horizontal	Pass
1**	5049.250	46.78	4.08	54.0	-7.22	AV	360.00	100	Horizontal	Pass
2	5149.675	57.19	3.93	74.0	-16.81	Peak	296.00	150	Horizontal	Pass
2**	5149.675	47.52	3.93	54.0	-6.48	AV	296.00	150	Horizontal	Pass

U-NII-1 11n20 CH48



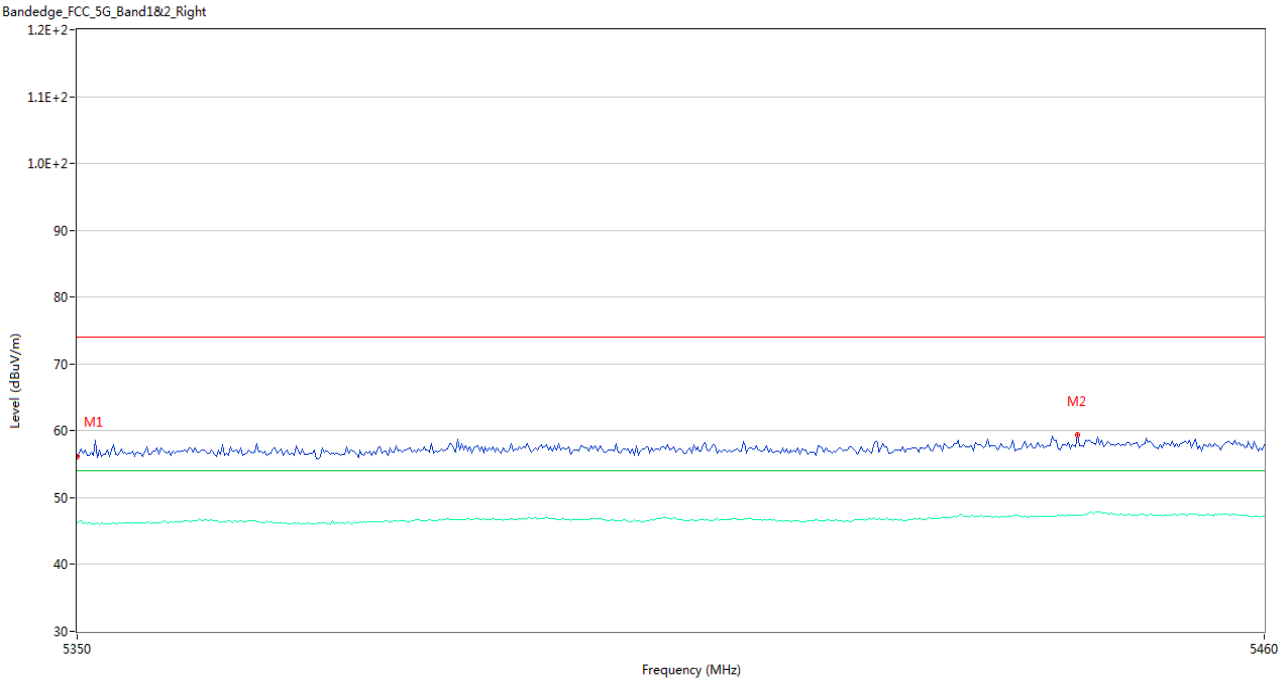
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.36	4.22	74.0	-17.64	Peak	338.00	200	Horizontal	Pass
1**	5350.000	46.24	4.22	54.0	-7.76	AV	338.00	200	Horizontal	Pass
2	5447.717	58.94	5.40	74.0	-15.06	Peak	142.00	150	Horizontal	Pass
2**	5447.717	47.32	5.40	54.0	-6.68	AV	142.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



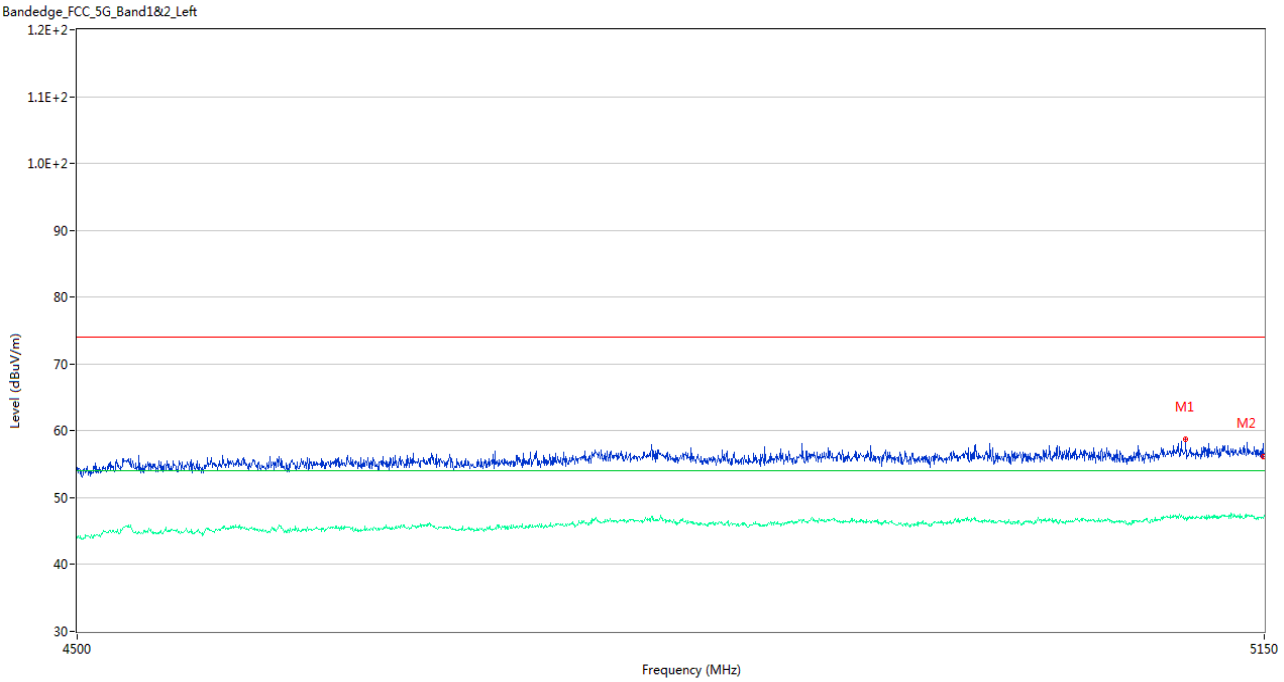
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.000	60.75	4.17	74.0	-13.25	Peak	293.00	200	Horizontal	Pass
1**	5137.000	47.22	4.17	54.0	-6.78	AV	293.00	200	Horizontal	Pass
2	5149.675	58.27	3.93	74.0	-15.73	Peak	122.00	150	Horizontal	Pass
2**	5149.675	49.44	3.93	54.0	-4.56	AV	122.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



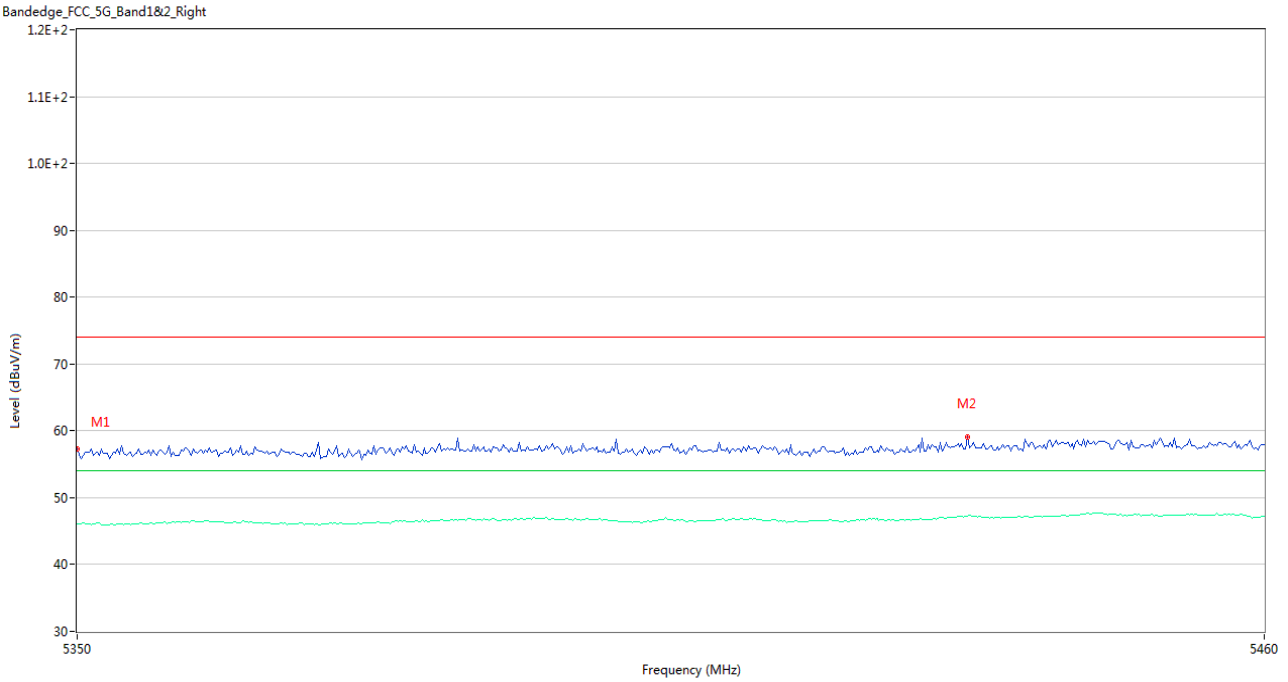
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.21	4.22	74.0	-17.79	Peak	176.00	150	Horizontal	Pass
1**	5350.000	46.20	4.22	54.0	-7.80	AV	176.00	150	Horizontal	Pass
2	5442.584	59.47	5.27	74.0	-14.53	Peak	302.00	150	Horizontal	Pass
2**	5442.584	47.37	5.27	54.0	-6.63	AV	302.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



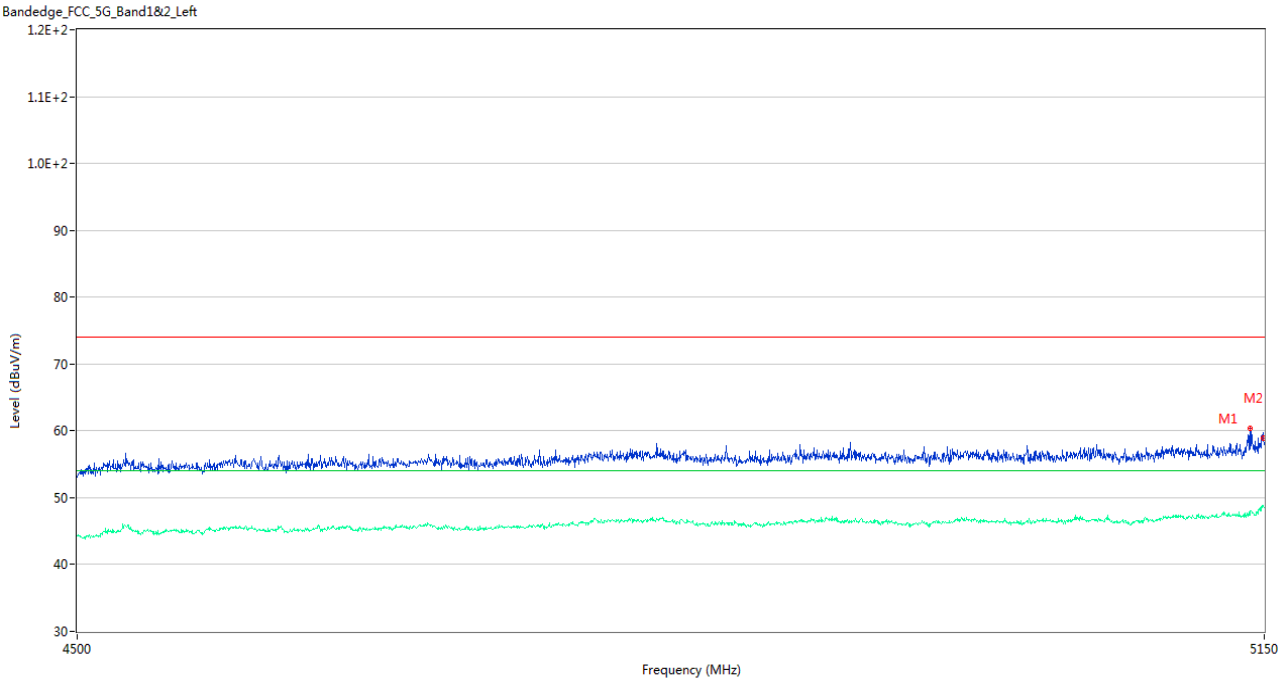
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5104.175	58.68	4.15	74.0	-15.32	Peak	307.00	150	Horizontal	Pass
1**	5104.175	46.93	4.15	54.0	-7.07	AV	307.00	150	Horizontal	Pass
2	5149.675	56.21	3.93	74.0	-17.79	Peak	72.00	150	Horizontal	Pass
2**	5149.675	46.96	3.93	54.0	-7.04	AV	72.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



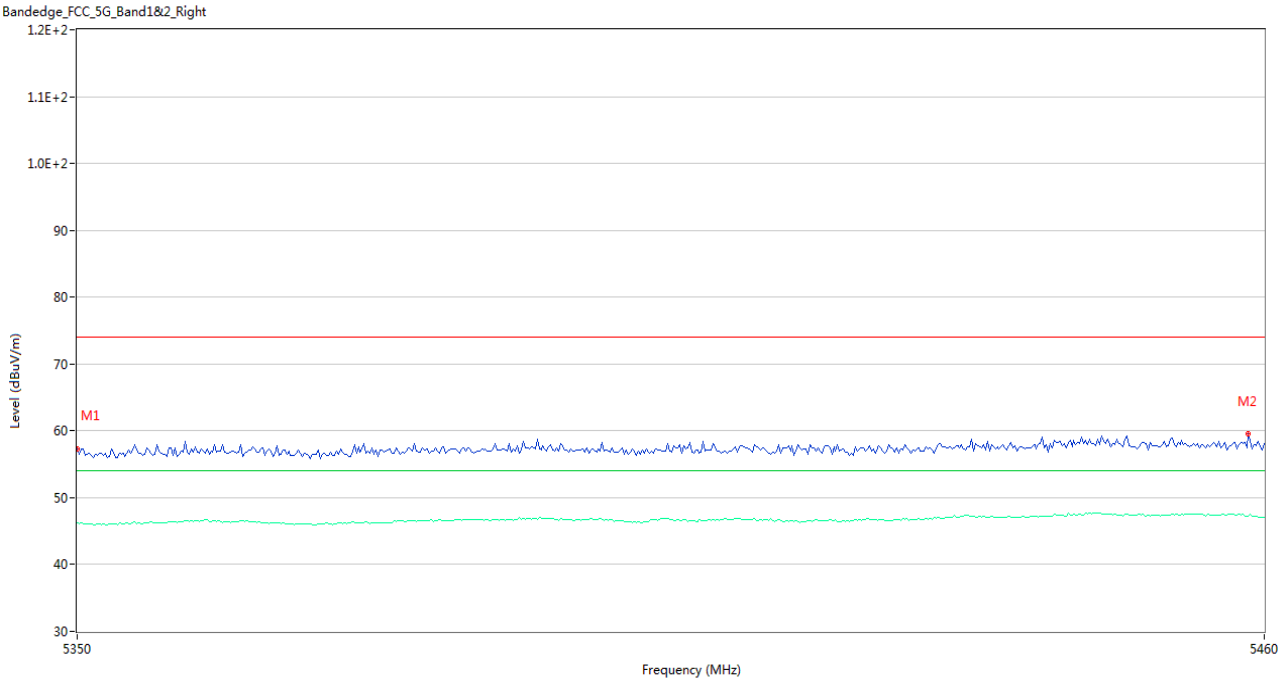
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.31	4.22	74.0	-16.69	Peak	312.00	150	Horizontal	Pass
1**	5350.000	46.15	4.22	54.0	-7.85	AV	312.00	150	Horizontal	Pass
2	5432.317	59.05	4.61	74.0	-14.95	Peak	235.00	200	Horizontal	Pass
2**	5432.317	47.15	4.61	54.0	-6.85	AV	235.00	200	Horizontal	Pass

U-NII-1 11ac40 CH38



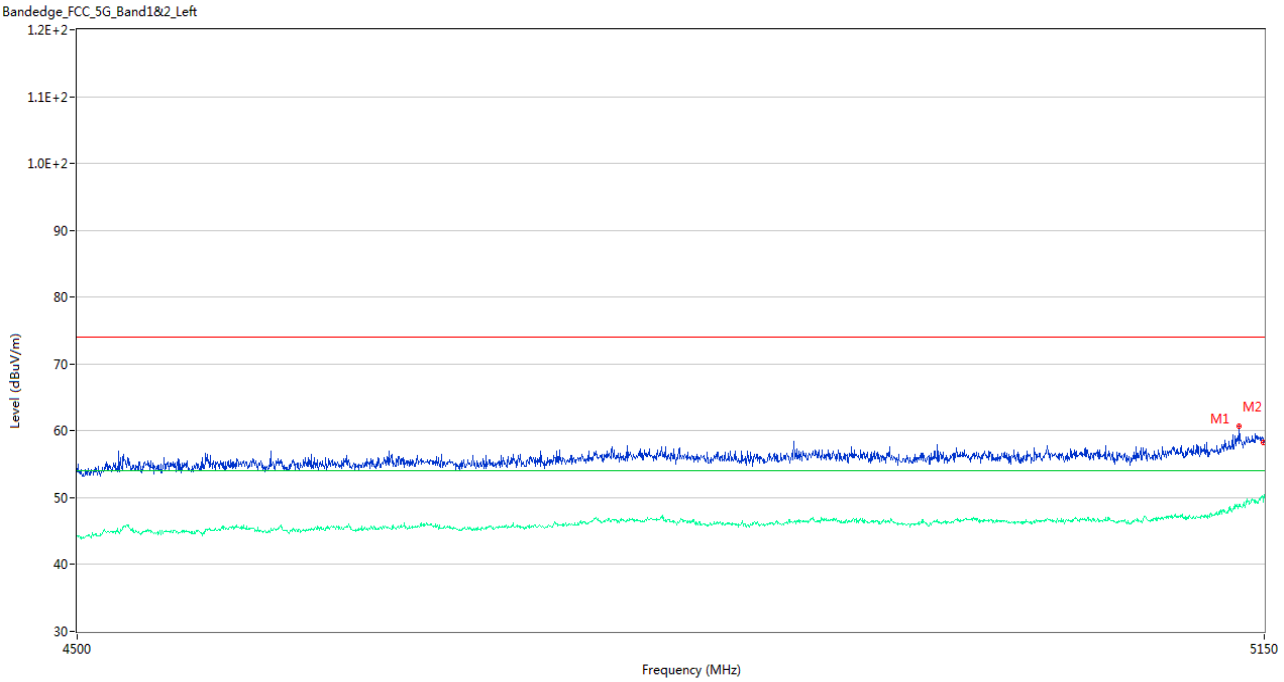
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	60.33	4.30	74.0	-13.67	Peak	128.00	100	Horizontal	Pass
1**	5141.550	47.39	4.30	54.0	-6.61	AV	128.00	100	Horizontal	Pass
2	5149.675	58.89	3.93	74.0	-15.11	Peak	139.00	200	Horizontal	Pass
2**	5149.675	48.86	3.93	54.0	-5.14	AV	139.00	200	Horizontal	Pass

U-NII-1 11ac40 CH46



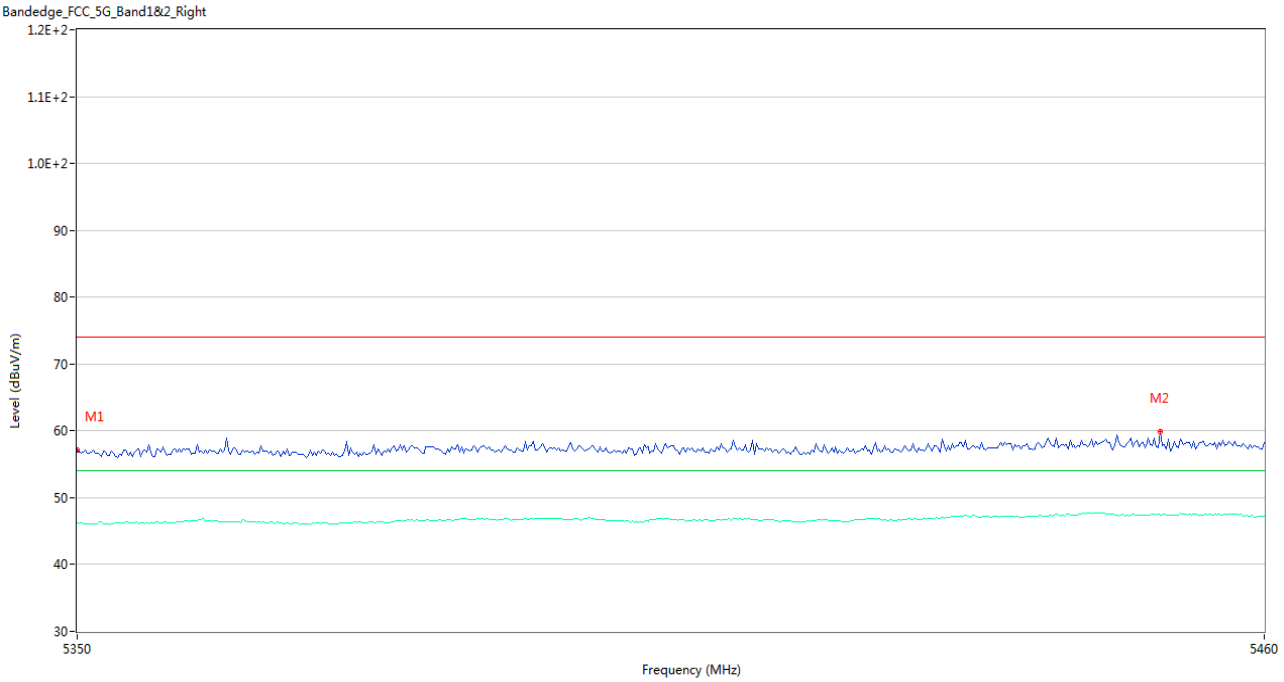
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.35	4.22	74.0	-16.65	Peak	122.00	100	Horizontal	Pass
1**	5350.000	46.25	4.22	54.0	-7.75	AV	122.00	100	Horizontal	Pass
2	5458.533	59.50	5.46	74.0	-14.50	Peak	110.00	100	Horizontal	Pass
2**	5458.533	47.18	5.46	54.0	-6.82	AV	110.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



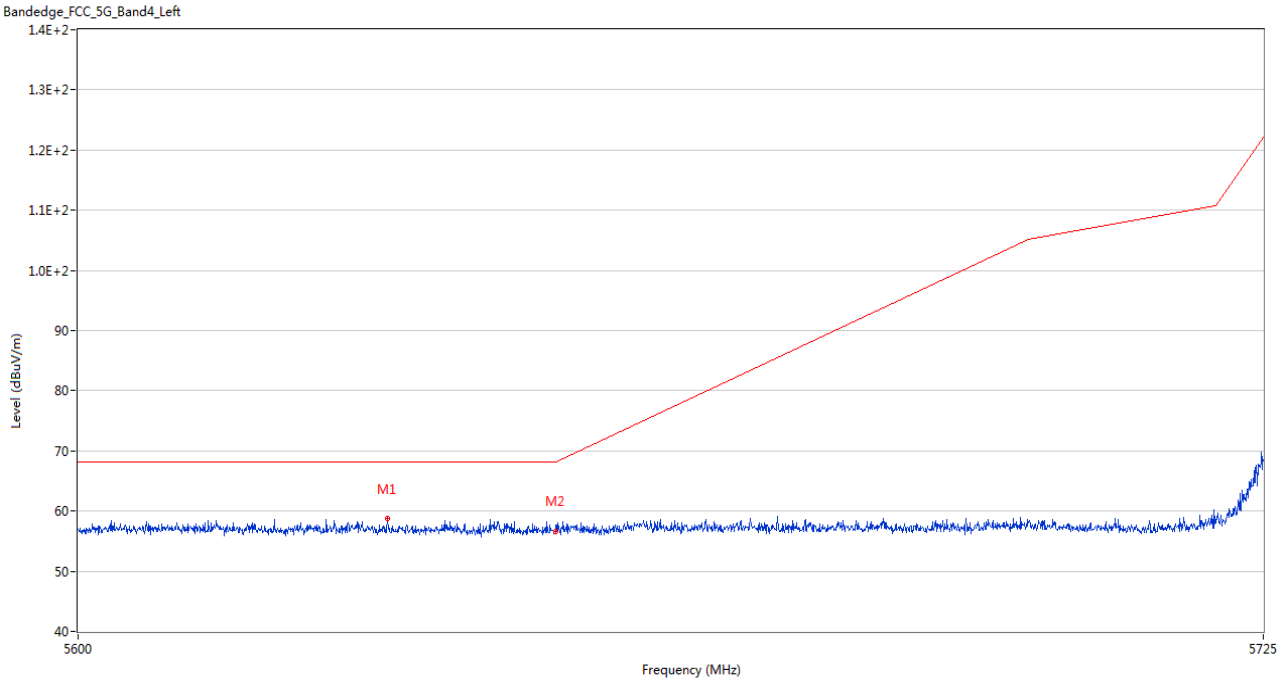
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5135.375	60.75	4.26	74.0	-13.25	Peak	140.00	150	Horizontal	Pass
1**	5135.375	48.70	4.26	54.0	-5.30	AV	140.00	150	Horizontal	Pass
2	5149.675	58.23	3.93	74.0	-15.77	Peak	122.00	100	Horizontal	Pass
2**	5149.675	49.38	3.93	54.0	-4.62	AV	122.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



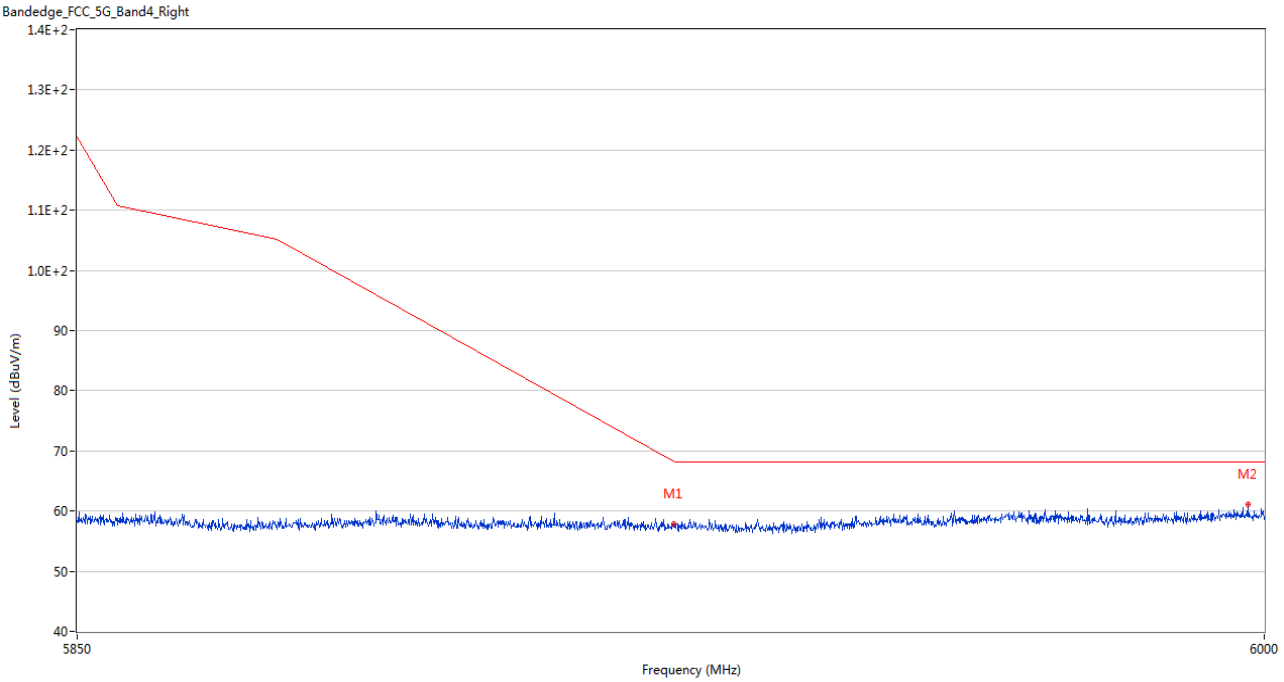
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.14	4.22	74.0	-16.86	Peak	45.00	100	Horizontal	Pass
1**	5350.000	46.19	4.22	54.0	-7.81	AV	45.00	100	Horizontal	Pass
2	5450.283	59.96	5.47	74.0	-14.04	Peak	65.00	100	Horizontal	Pass
2**	5450.283	47.45	5.47	54.0	-6.55	AV	65.00	100	Horizontal	Pass

U-NII-3 11n20 CH149



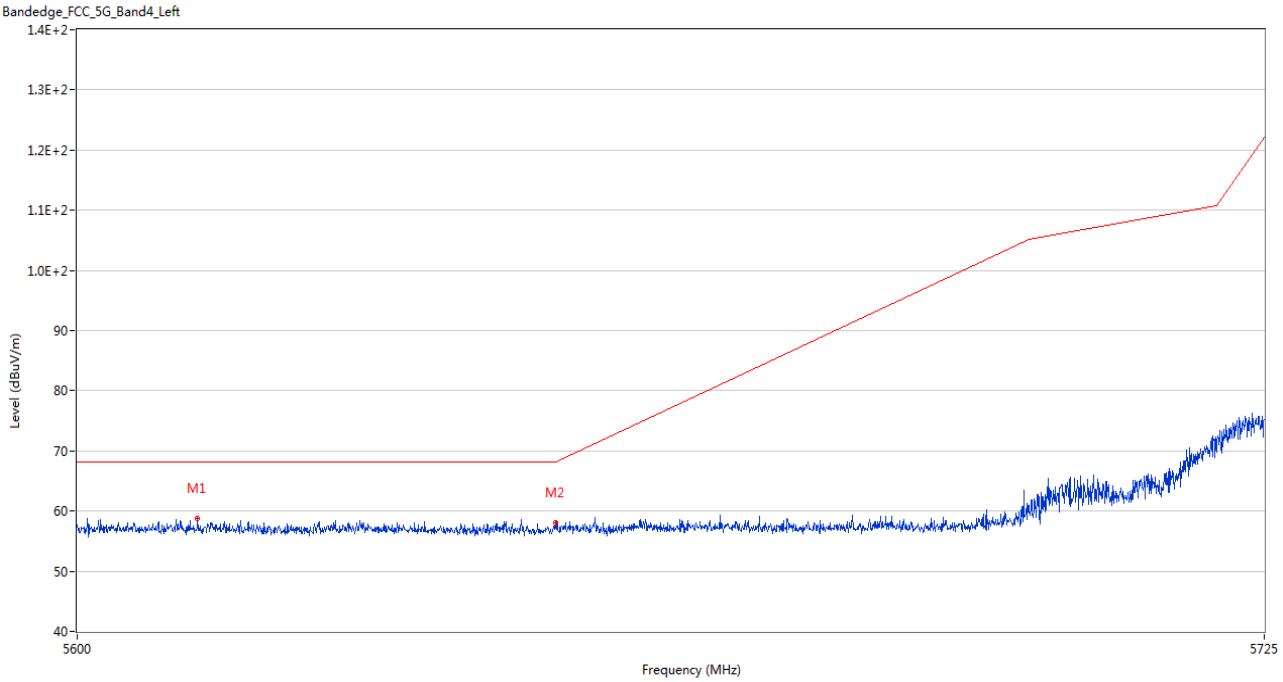
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.375	58.69	4.01	68.2	-9.51	Peak	140.00	200	Horizontal	Pass
2	5650.000	56.65	4.48	68.2	-11.55	Peak	173.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



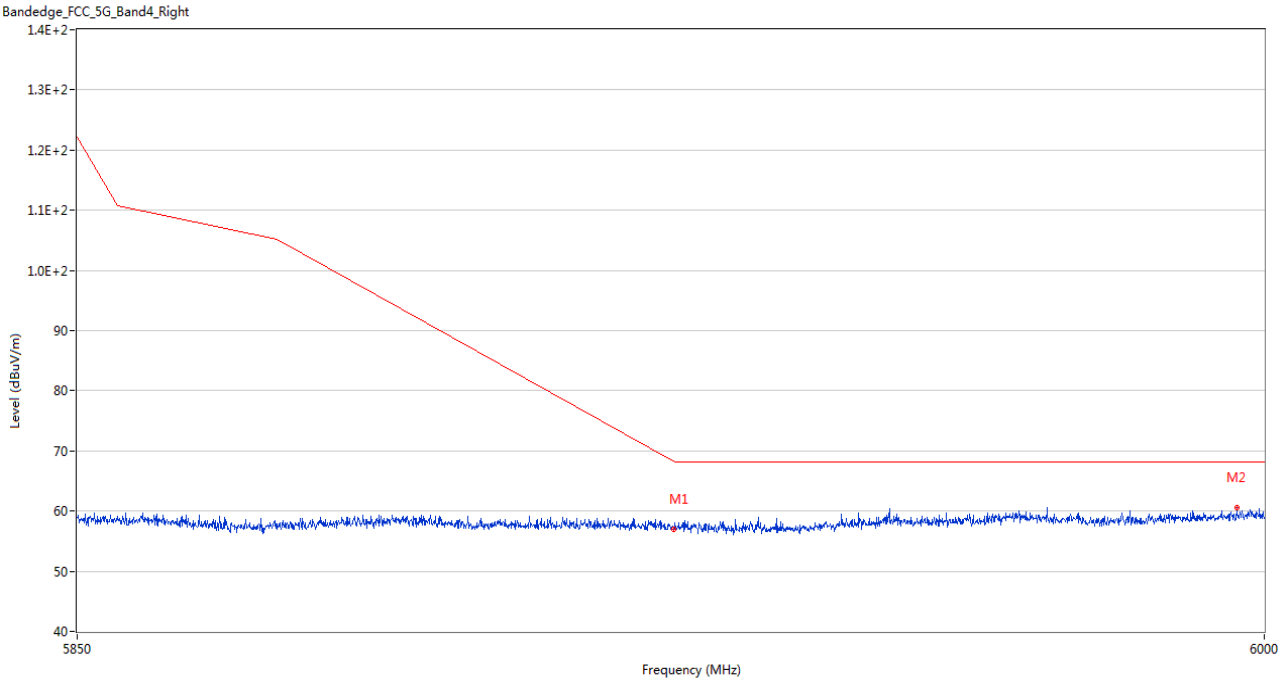
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.95	4.55	68.3	-10.35	Peak	99.00	200	Horizontal	Pass
2	5997.900	61.18	6.36	68.2	-7.02	Peak	277.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



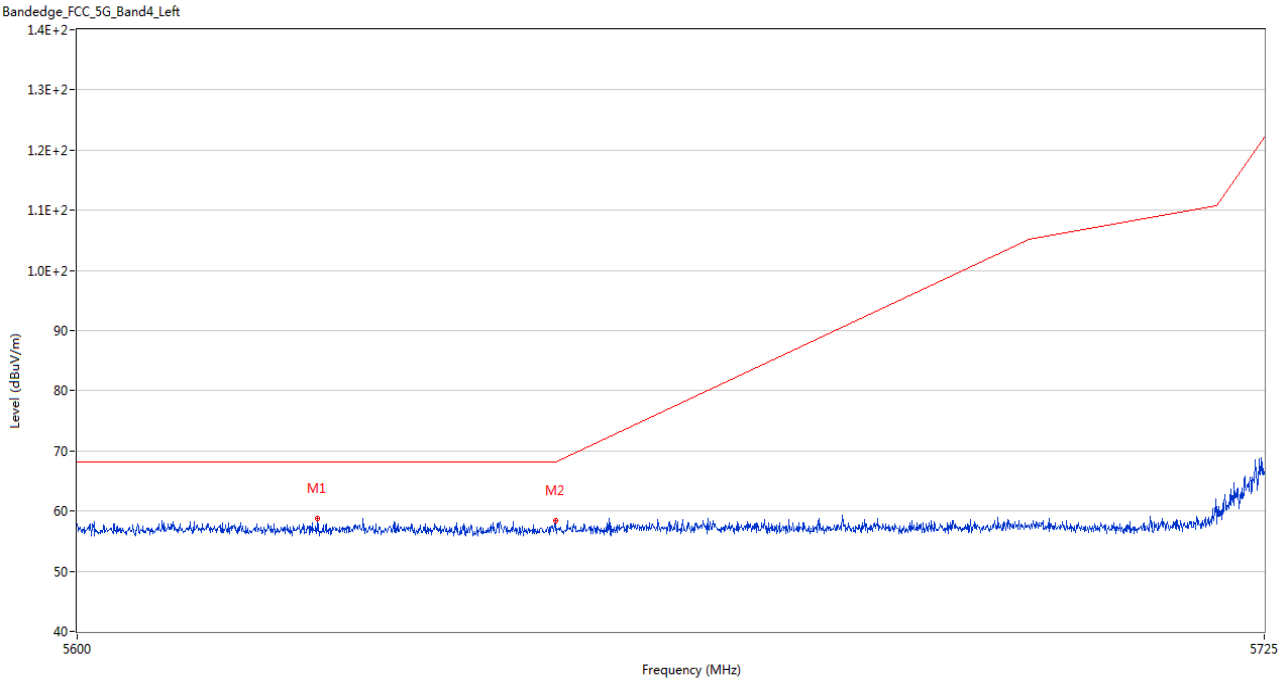
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5612.562	58.79	4.06	68.2	-9.41	Peak	53.00	150	Horizontal	Pass
2	5650.000	58.13	4.48	68.2	-10.07	Peak	138.00	200	Horizontal	Pass

U-NII-3 11n40 CH159



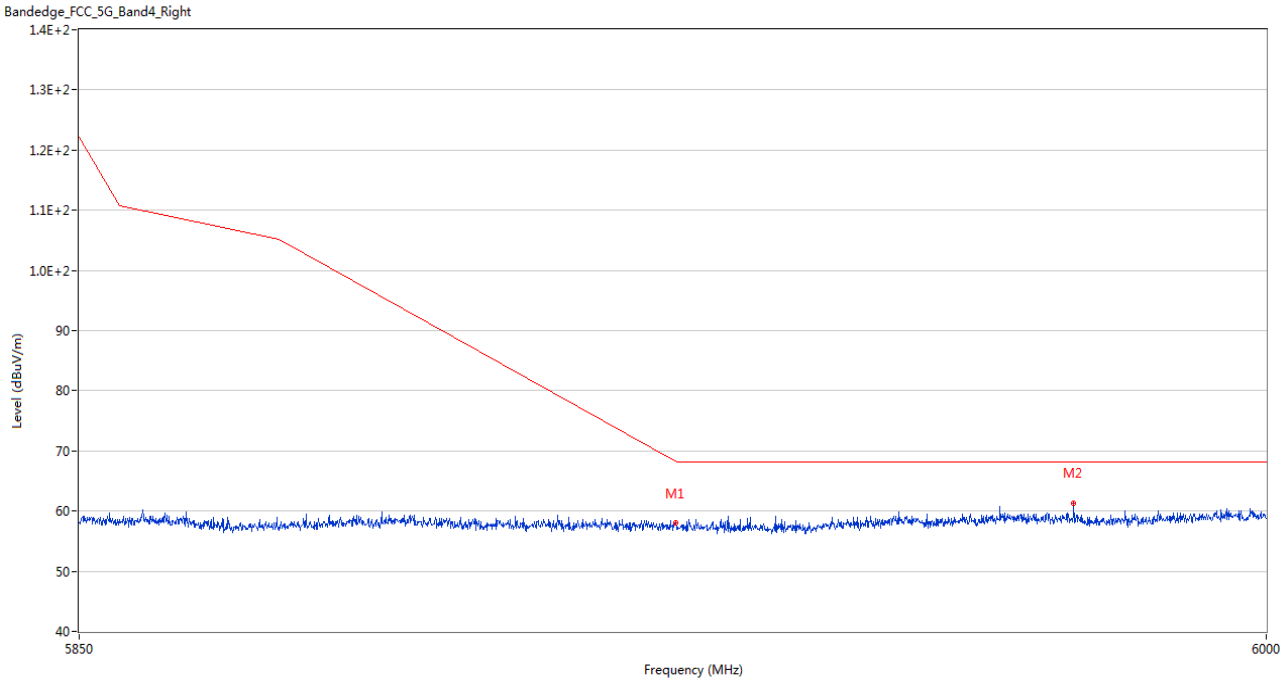
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.89	4.55	68.3	-11.41	Peak	15.00	200	Horizontal	Pass
2	5996.475	60.62	6.21	68.2	-7.58	Peak	3.00	100	Horizontal	Pass

U-NII-3 11ac20 CH149



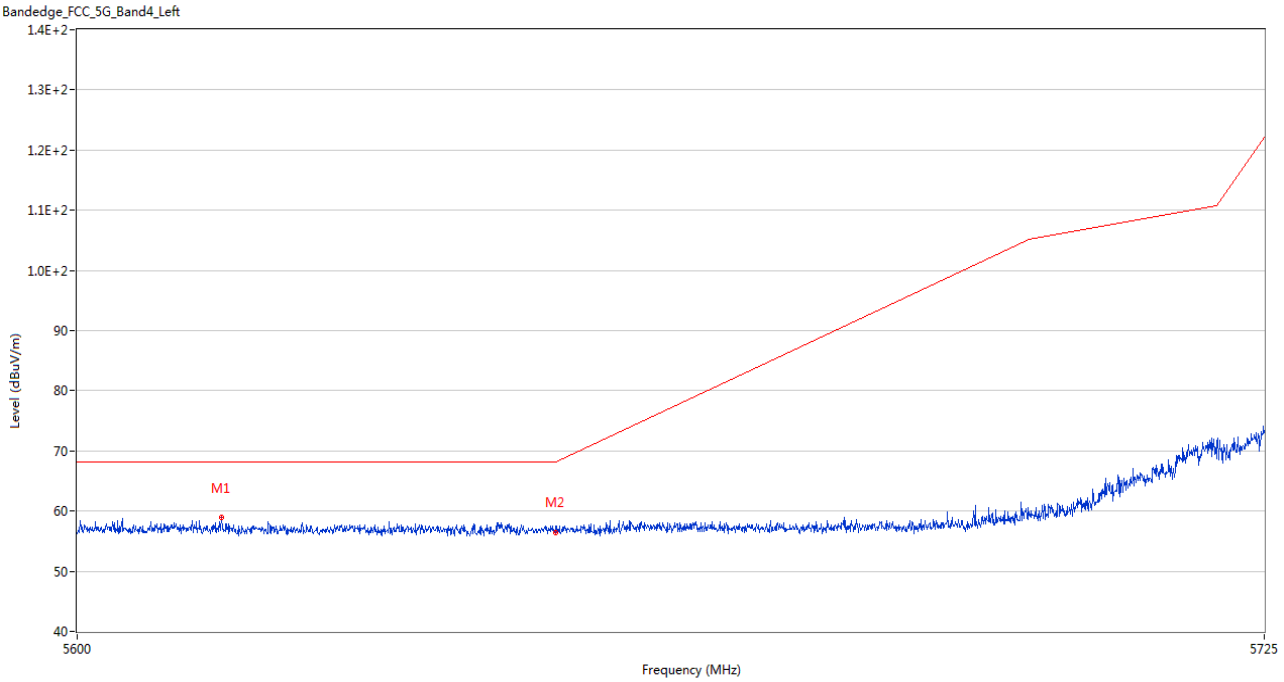
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5625.125	58.85	3.81	68.2	-9.35	Peak	169.00	100	Horizontal	Pass
2	5650.000	58.38	4.48	68.2	-9.82	Peak	116.00	200	Horizontal	Pass

U-NII-3 11ac20 CH165



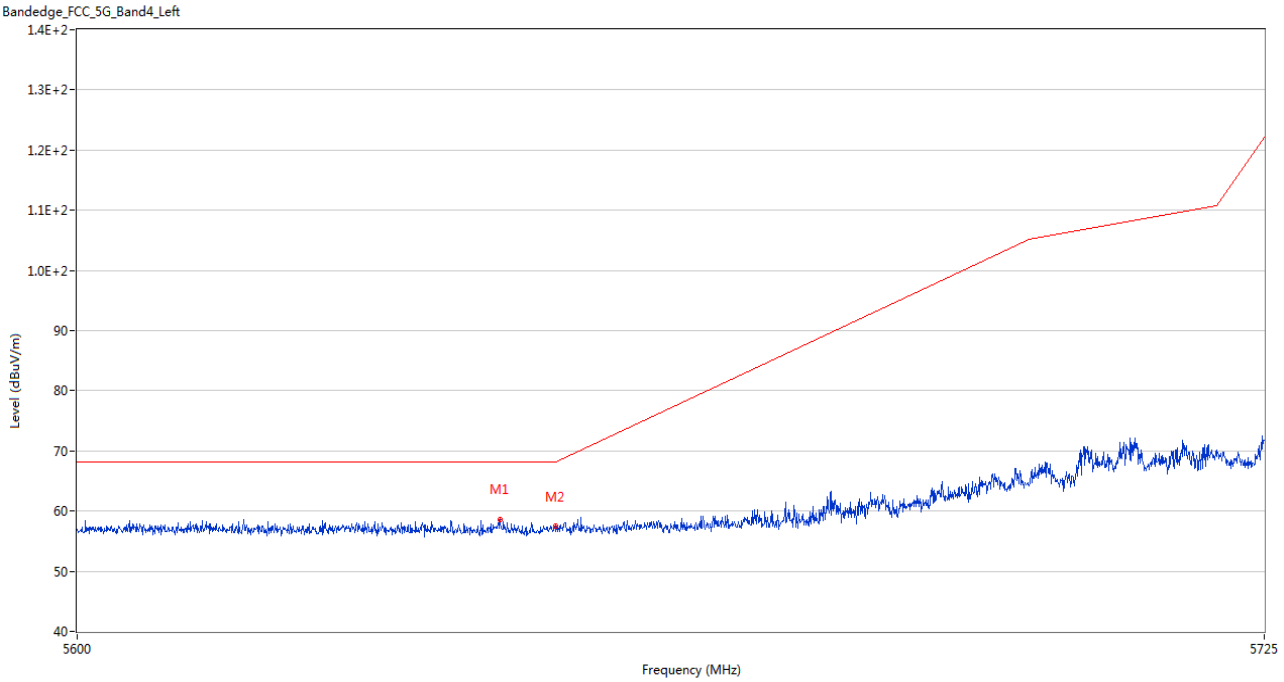
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.99	4.55	68.3	-10.31	Peak	4.00	200	Horizontal	Pass
2	5975.400	61.35	6.38	68.2	-6.85	Peak	11.00	100	Horizontal	Pass

U-NII-3 11ac40 CH151



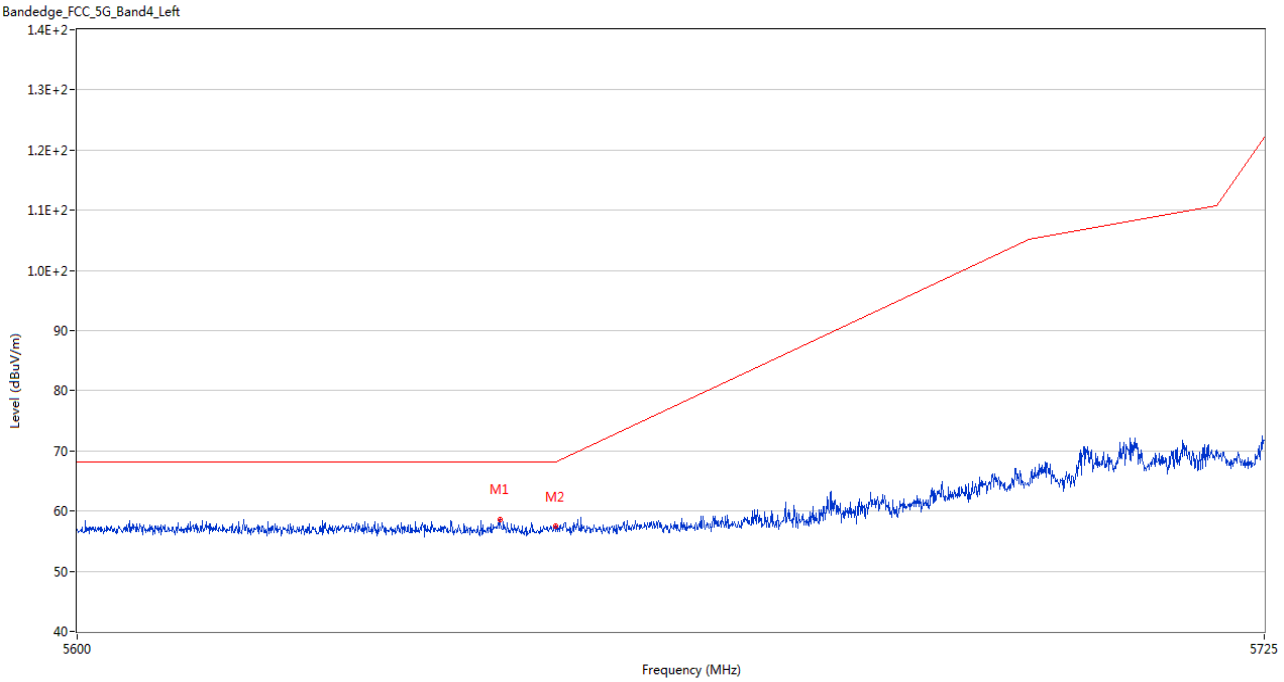
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5615.063	58.88	4.03	68.2	-9.32	Peak	112.00	150	Horizontal	Pass
2	5650.000	56.46	4.48	68.2	-11.74	Peak	141.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



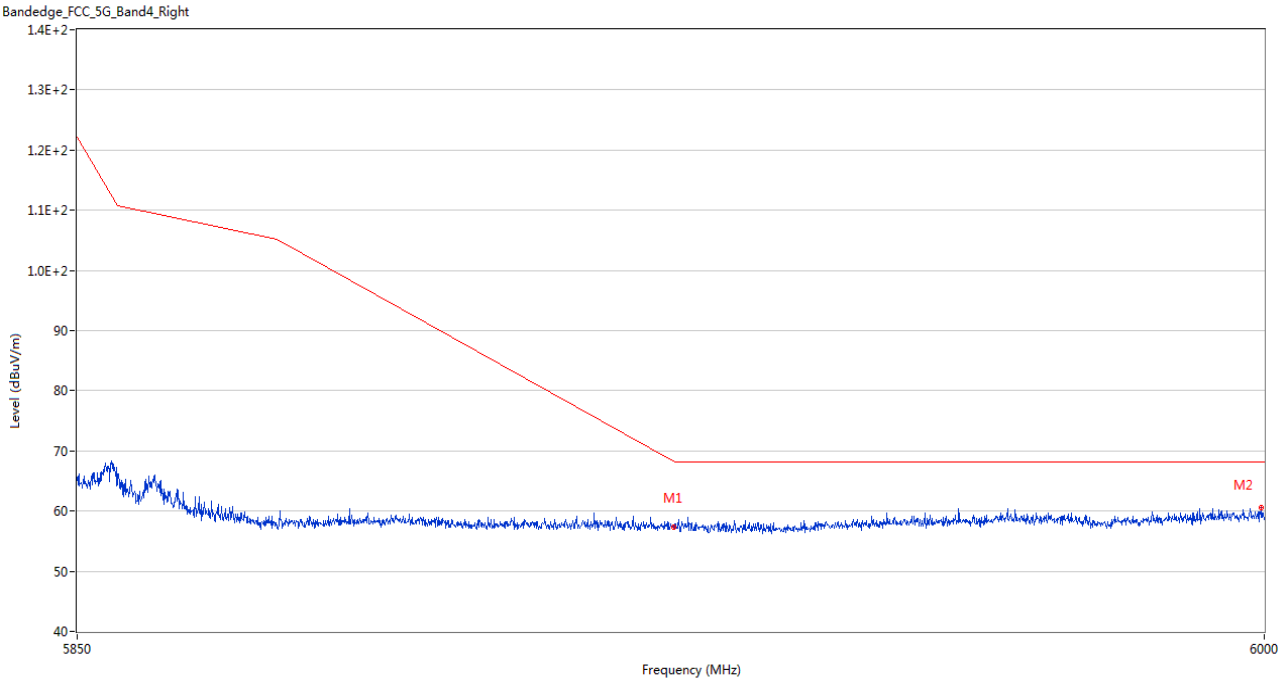
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.188	58.59	4.58	68.2	-9.61	Peak	217.00	150	Horizontal	Pass
2	5650.000	57.45	4.48	68.2	-10.75	Peak	349.00	100	Horizontal	Pass

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	5644.188	58.59	4.58	68.2	-9.61	Peak	217.00	150	Horizontal	Pass
2	5650.000	57.45	4.48	68.2	-10.75	Peak	349.00	100	Horizontal	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	5924.925	57.26	4.55	68.3	-11.04	Peak	18.00	200	Horizontal	Pass
2	5999.625	60.59	6.44	68.2	-7.61	Peak	230.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2290469-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2290469-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2290469-AI.PDF”.

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--END OF REPORT--