

TEST REPORT

Applicant: Shenzhen SEI Robotics Co., Ltd
Address: 4th Floor Building-D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R. China
Equipment Type: Streaming Dongle
Model Name: HTS-G01 (refer section 2.4)
Brand Name: Homatics
FCC ID: 2AOVU-SN8BKCA
Test Standard: 47 CFR Part 15 Subpart E (refer section 3.1)
Test Date: Aug. 08, 2022 - Sep. 20, 2022
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ISSUED BY:

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Revision History		
<u>Version</u>	<u>Issue Date</u>	<u>Revisions</u>
<u>Rev. 01</u>	<u>Sep. 28, 2022</u>	<u>Initial Issue</u>
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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 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 Building-D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R. China

2.2 Manufacturer Information

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

2.3 Factory Information

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

2.4 General Description for Equipment under Test (EUT)

EUT Name	Streaming Dongle
Model Name Under Test	HTS-G01
Series Model Name	SN8BKCX(X->A~Z); SEI700DHMG, SEI700DHG, SEI700SKY, Dongle G 4K, Sky Pod, HTS-G01x(x=A-Z, 0-9)
Description of Model name differentiation	The model names are different due to different market and customer needs, and the rest are exactly the same(this information provided by the customer).
Hardware Version	SMB.306.03
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/4
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	<input checked="" type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Mobile for FCC standard	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 13.96 dBm U-NII-3: 13.99 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 Aux. Antenna	Internal Antenna
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 4.10 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.10 dBi
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 4.19 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.19 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 7.16 dBi U-NII-3: 5725 MHz to 5850 MHz: 7.16 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 4.15 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.15 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi

	<p>For power measurements</p>	<p>Correlated: U-NII-1: 5150 MHz to 5250 MHz: 7.16 dBi U-NII-3: 5725 MHz to 5850 MHz: 7.16 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 4.15 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.15 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi</p>
<p>About the Product</p>		<p>The equipment is Streaming Dongle, intended for used with information technology equipment.</p>

Mode	Antenna		
	Main Antenna	Aux. Antenna	MIMO
802.11a	√	√	--
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√

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

2.6 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	138	5690
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	142	5710		
64	5320	151	5755		
100	5500	159	5795		
104	5520				
108	5540				
112	5560				
116	5580				
136	5680				
140	5700				
144	5720				
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	51% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1°C to +25.1°C
	LT (Low Temperature)	-10°C
	HT (High Temperature)	+40°C
Working Voltage of the EUT	NV (Normal Voltage)	5.0 V
	LV (Low Voltage)	4.5 V
	HV (High Voltage)	5.5 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	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2021.09.08	2022.09.07
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%

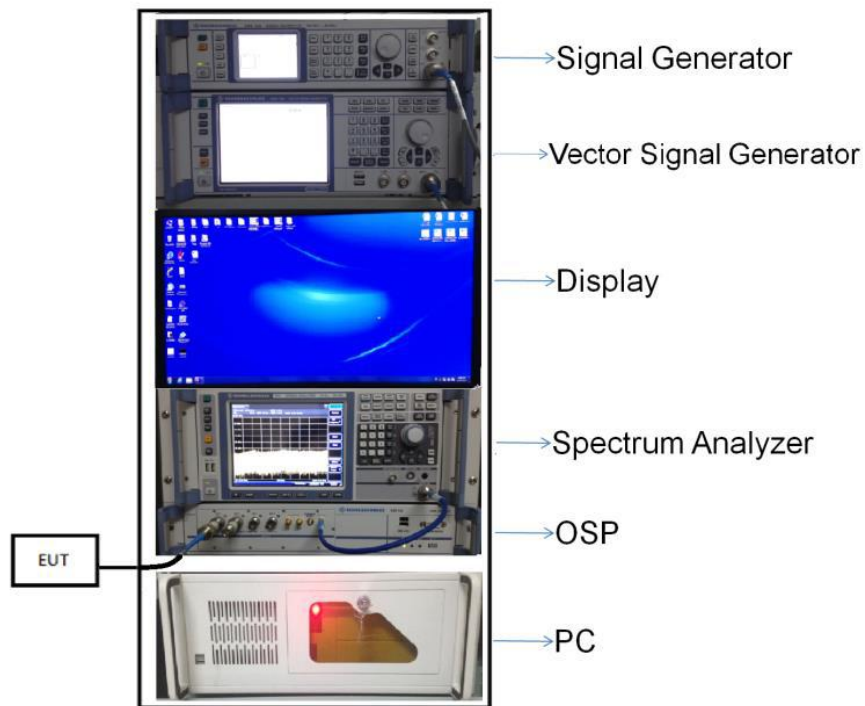
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

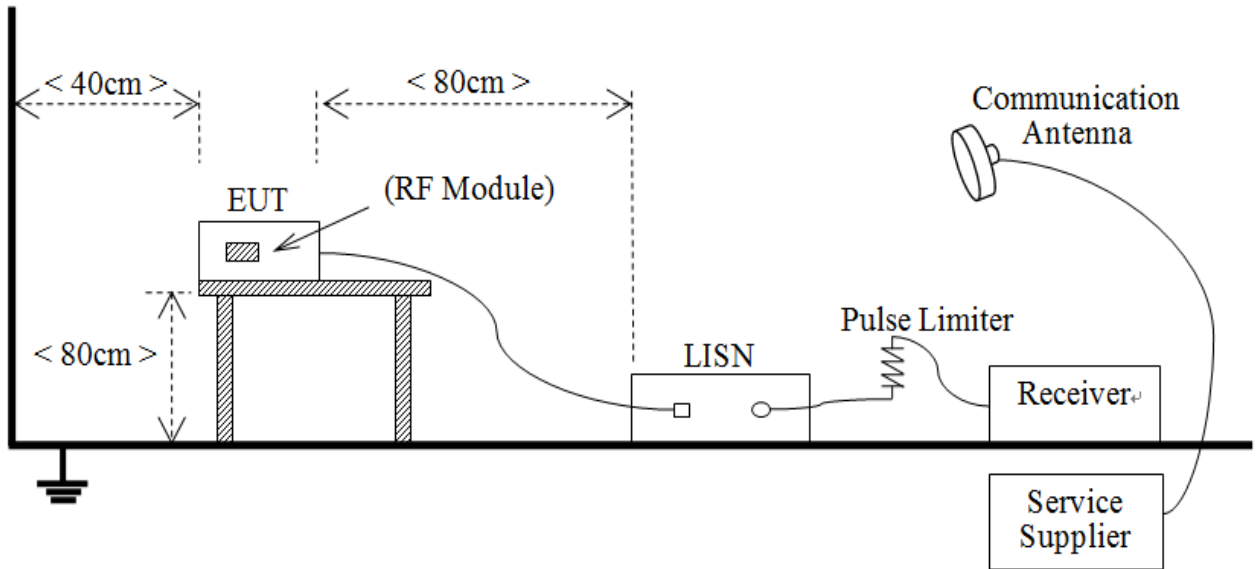
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



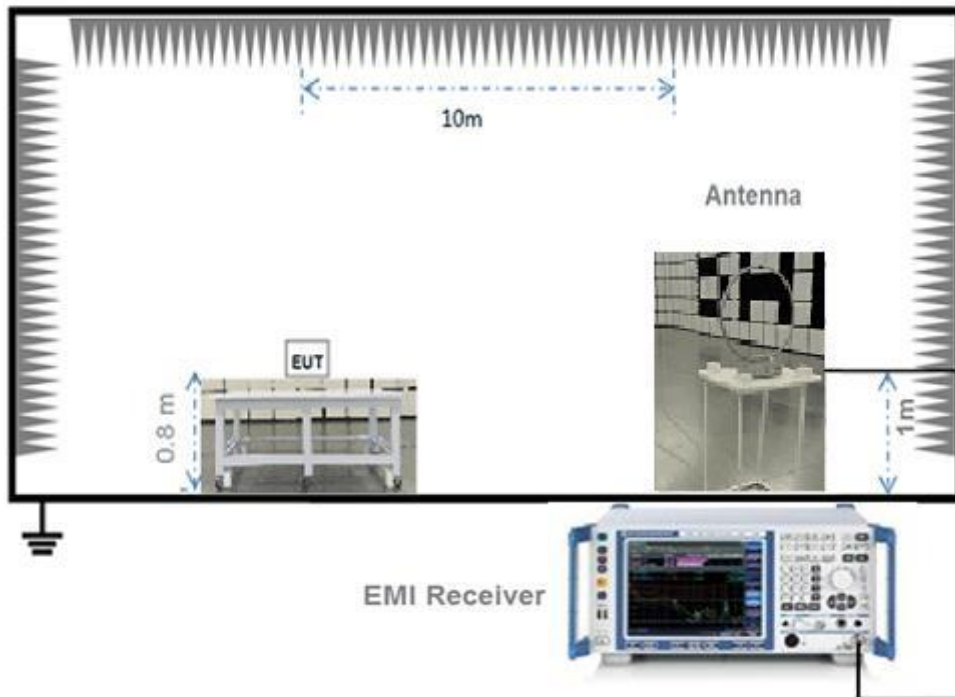
(Diagram 1)

4.5.2 For AC Power Supply Port Test



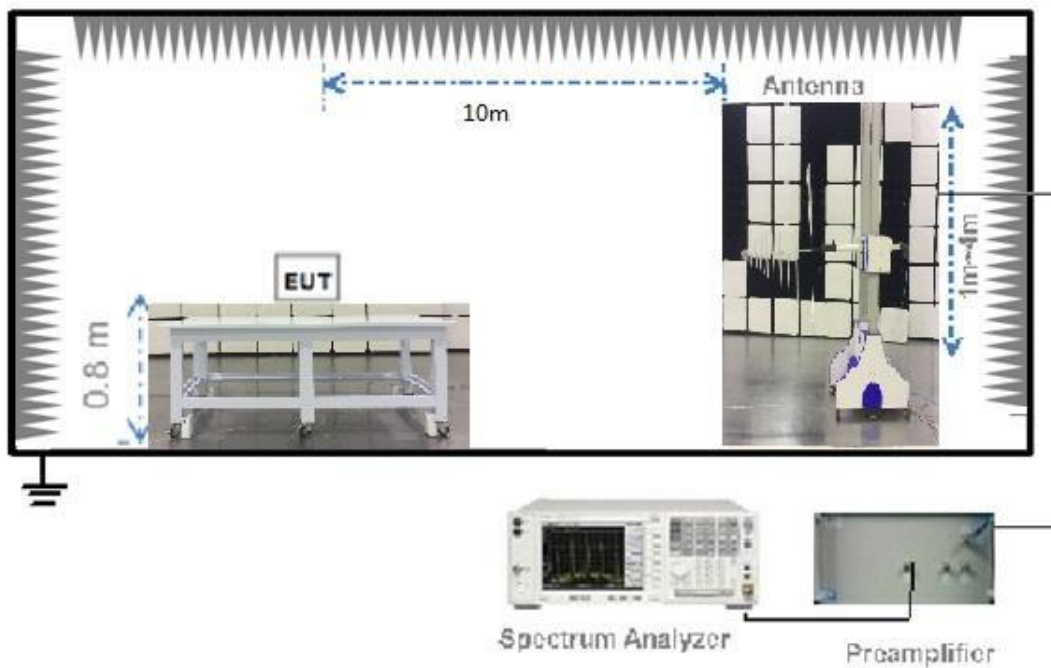
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



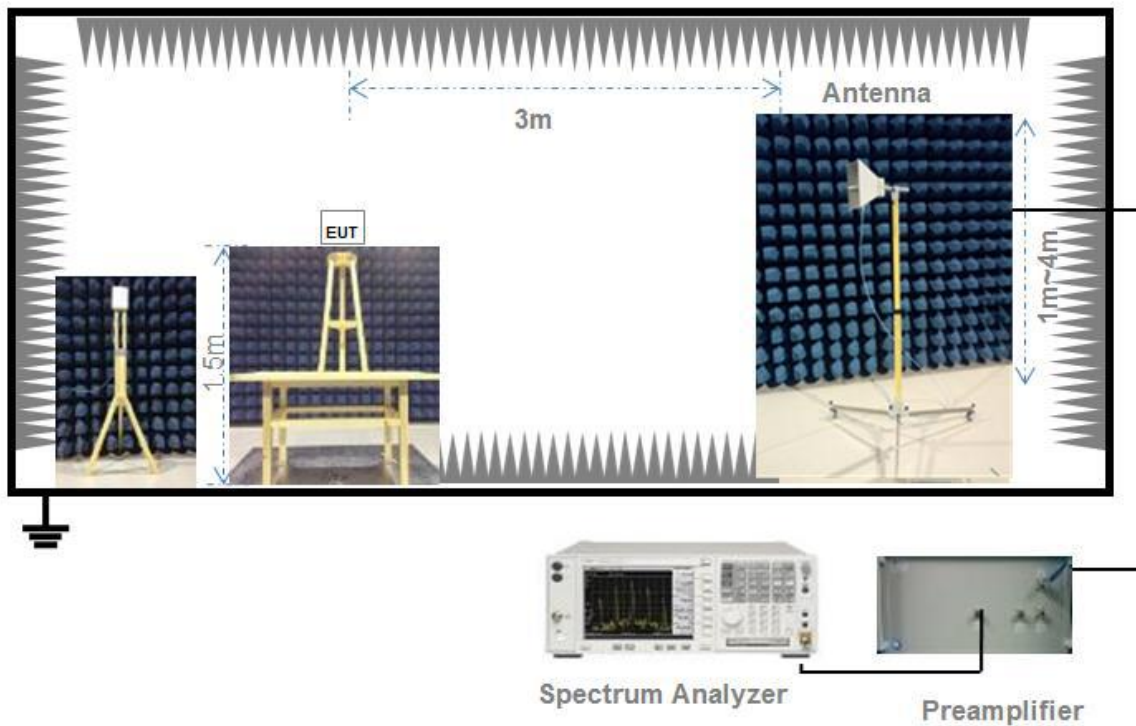
(Diagram 3)

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.	

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.06	2.24	92.09%
11n (HT20)/11ac (VHT20)	1.93	2.12	90.94%
11n (HT40)/11ac (VHT40)	0.95	1.14	83.32%
11ac (VHT80)	0.46	0.64	71.52%

Test DataConducted PowerMain Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.79	23.93	250	Pass
11a	CH44	13.59	22.86	250	Pass
11a	CH48	13.77	23.82	250	Pass
11n (HT20)	CH36	13.78	23.88	250	Pass
11n (HT20)	CH44	13.70	23.44	250	Pass
11n (HT20)	CH48	13.55	22.65	250	Pass
11n (HT40)	CH38	12.54	17.95	250	Pass
11n (HT40)	CH46	13.95	24.83	250	Pass
11ac (VHT20)	CH36	13.63	23.07	250	Pass
11ac (VHT20)	CH44	13.93	24.72	250	Pass
11ac (VHT20)	CH48	13.84	24.21	250	Pass
11ac (VHT40)	CH38	12.66	18.45	250	Pass
11ac (VHT40)	CH46	13.96	24.89	250	Pass
11ac (VHT80)	CH42	11.48	14.06	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.74	23.66	1000	Pass
11a	CH157	13.77	23.82	1000	Pass
11a	CH165	13.94	24.77	1000	Pass
11n (HT20)	CH149	13.72	23.55	1000	Pass
11n (HT20)	CH157	13.83	24.15	1000	Pass
11n (HT20)	CH165	13.99	25.06	1000	Pass
11n (HT40)	CH151	13.83	24.15	1000	Pass
11n (HT40)	CH159	13.95	24.83	1000	Pass
11ac (VHT20)	CH149	13.56	22.70	1000	Pass
11ac (VHT20)	CH157	13.67	23.28	1000	Pass
11ac (VHT20)	CH165	13.75	23.71	1000	Pass
11ac (VHT40)	CH151	13.98	25.00	1000	Pass
11ac (VHT40)	CH159	13.95	24.83	1000	Pass
11ac (VHT80)	CH155	13.87	24.38	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.70	23.44	250	Pass
11a	CH44	13.87	24.38	250	Pass
11a	CH48	13.86	24.32	250	Pass
11n (HT20)	CH36	13.89	24.49	250	Pass
11n (HT20)	CH44	13.73	23.60	250	Pass
11n (HT20)	CH48	13.63	23.07	250	Pass
11n (HT40)	CH38	13.95	24.83	250	Pass
11n (HT40)	CH46	13.88	24.43	250	Pass
11ac (VHT20)	CH36	13.95	24.83	250	Pass
11ac (VHT20)	CH44	13.74	23.66	250	Pass
11ac (VHT20)	CH48	13.91	24.60	250	Pass
11ac (VHT40)	CH38	13.91	24.60	250	Pass
11ac (VHT40)	CH46	13.85	24.27	250	Pass
11ac (VHT80)	CH42	13.87	24.38	250	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	1000	Pass
11a	CH157	13.69	23.39	1000	Pass
11a	CH165	13.53	22.54	1000	Pass
11n (HT20)	CH149	13.78	23.88	1000	Pass
11n (HT20)	CH157	13.71	23.50	1000	Pass
11n (HT20)	CH165	13.63	23.07	1000	Pass
11n (HT40)	CH151	13.90	24.55	1000	Pass
11n (HT40)	CH159	13.94	24.77	1000	Pass
11ac (VHT20)	CH149	13.85	24.27	1000	Pass
11ac (VHT20)	CH157	13.76	23.77	1000	Pass
11ac (VHT20)	CH165	13.54	22.59	1000	Pass
11ac (VHT40)	CH151	13.85	24.27	1000	Pass
11ac (VHT40)	CH159	13.83	24.15	1000	Pass
11ac (VHT80)	CH155	13.63	23.07	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	10.60	11.48	250	Pass
11n (HT20)	CH44	10.57	11.40	250	Pass
11n (HT20)	CH48	10.78	11.97	250	Pass
11n (HT40)	CH38	10.94	12.42	250	Pass
11n (HT40)	CH46	10.92	12.36	250	Pass
11ac (VHT20)	CH36	10.81	12.05	250	Pass
11ac (VHT20)	CH44	10.51	11.25	250	Pass
11ac (VHT20)	CH48	10.80	12.02	250	Pass
11ac (VHT40)	CH38	10.90	12.30	250	Pass
11ac (VHT40)	CH46	10.84	12.13	250	Pass
11ac (VHT80)	CH42	10.62	11.53	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	10.47	11.14	1000	Pass
11n (HT20)	CH157	10.50	11.22	1000	Pass
11n (HT20)	CH165	10.60	11.48	1000	Pass
11n (HT40)	CH151	10.86	12.19	1000	Pass
11n (HT40)	CH159	10.98	12.53	1000	Pass
11ac (VHT20)	CH149	10.66	11.64	1000	Pass
11ac (VHT20)	CH157	10.53	11.30	1000	Pass
11ac (VHT20)	CH165	10.51	11.25	1000	Pass
11ac (VHT40)	CH151	10.93	12.39	1000	Pass
11ac (VHT40)	CH159	10.94	12.42	1000	Pass
11ac (VHT80)	CH155	10.74	11.86	1000	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	10.80	12.02	250	Pass
11n (HT20)	CH44	10.79	11.99	250	Pass
11n (HT20)	CH48	10.49	11.19	250	Pass
11n (HT40)	CH38	10.85	12.16	250	Pass
11n (HT40)	CH46	10.82	12.08	250	Pass
11ac (VHT20)	CH36	10.75	11.89	250	Pass
11ac (VHT20)	CH44	10.82	12.08	250	Pass
11ac (VHT20)	CH48	10.84	12.13	250	Pass
11ac (VHT40)	CH38	10.80	12.02	250	Pass
11ac (VHT40)	CH46	10.79	11.99	250	Pass
11ac (VHT80)	CH42	10.78	11.97	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	10.63	11.56	1000	Pass
11n (HT20)	CH157	10.78	11.97	1000	Pass
11n (HT20)	CH165	10.56	11.38	1000	Pass
11n (HT40)	CH151	10.86	12.19	1000	Pass
11n (HT40)	CH159	10.81	12.05	1000	Pass
11ac (VHT20)	CH149	10.81	12.05	1000	Pass
11ac (VHT20)	CH157	10.90	12.30	1000	Pass
11ac (VHT20)	CH165	10.89	12.27	1000	Pass
11ac (VHT40)	CH151	10.86	12.19	1000	Pass
11ac (VHT40)	CH159	10.85	12.16	1000	Pass
11ac (VHT80)	CH155	10.87	12.22	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	13.71	23.50	250	Pass
11n (HT20)	CH44	13.69	23.40	250	Pass
11n (HT20)	CH48	13.65	23.16	250	Pass
11n (HT40)	CH38	13.91	24.58	250	Pass
11n (HT40)	CH46	13.88	24.44	250	Pass
11ac (VHT20)	CH36	13.79	23.94	250	Pass
11ac (VHT20)	CH44	13.68	23.32	250	Pass
11ac (VHT20)	CH48	13.83	24.16	250	Pass
11ac (VHT40)	CH38	13.86	24.33	250	Pass
11ac (VHT40)	CH46	13.83	24.13	250	Pass
11ac (VHT80)	CH42	13.71	23.50	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	13.56	22.70	1000	Pass
11n (HT20)	CH157	13.65	23.19	1000	Pass
11n (HT20)	CH165	13.59	22.86	1000	Pass
11n (HT40)	CH151	13.87	24.38	1000	Pass
11n (HT40)	CH159	13.91	24.58	1000	Pass
11ac (VHT20)	CH149	13.75	23.69	1000	Pass
11ac (VHT20)	CH157	13.73	23.60	1000	Pass
11ac (VHT20)	CH165	13.71	23.52	1000	Pass
11ac (VHT40)	CH151	13.91	24.58	1000	Pass
11ac (VHT40)	CH159	13.91	24.58	1000	Pass
11ac (VHT80)	CH155	13.82	24.08	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2280207-604 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	18.58	16.34
11a	CH44	18.75	16.36
11a	CH48	18.53	16.33
11n (HT20)	CH36	19.39	17.49
11n (HT20)	CH44	19.48	17.52
11n (HT20)	CH48	19.41	17.50
11n (HT40)	CH38	40.98	36.15
11n (HT40)	CH46	41.33	36.20
11ac (VHT20)	CH36	19.49	17.53
11ac (VHT20)	CH44	19.38	17.49
11ac (VHT20)	CH48	19.42	17.50
11ac (VHT40)	CH38	41.62	36.26
11ac (VHT40)	CH46	40.98	36.12
11ac (VHT80)	CH42	81.37	75.13

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.08	16.52
11a	CH157	22.96	16.48
11a	CH165	20.38	16.39
11n (HT20)	CH149	26.39	17.69
11n (HT20)	CH157	24.46	17.63
11n (HT20)	CH165	20.02	17.57
11n (HT40)	CH151	62.43	36.68
11n (HT40)	CH159	44.62	36.44
11ac (VHT20)	CH149	28.01	17.67
11ac (VHT20)	CH157	24.16	17.61
11ac (VHT20)	CH165	20.66	17.57
11ac (VHT40)	CH151	66.79	36.68
11ac (VHT40)	CH159	56.69	36.37
11ac (VHT80)	CH155	140.40	76.75

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.50	16.32
11a	CH44	18.49	16.32
11a	CH48	18.57	16.32
11n (HT20)	CH36	19.43	17.51
11n (HT20)	CH44	19.44	17.50
11n (HT20)	CH48	19.44	17.50
11n (HT40)	CH38	40.96	36.11
11n (HT40)	CH46	40.71	36.11
11ac (VHT20)	CH36	19.44	17.50
11ac (VHT20)	CH44	19.46	17.49
11ac (VHT20)	CH48	19.45	17.51
11ac (VHT40)	CH38	41.31	36.24
11ac (VHT40)	CH46	40.81	36.07
11ac (VHT80)	CH42	81.41	74.99

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	18.46	16.33
11a	CH157	18.55	16.35
11a	CH165	18.50	16.34
11n (HT20)	CH149	19.40	17.51
11n (HT20)	CH157	19.38	17.50
11n (HT20)	CH165	19.38	17.52
11n (HT40)	CH151	41.01	36.18
11n (HT40)	CH159	41.02	36.22
11ac (VHT20)	CH149	19.56	17.52
11ac (VHT20)	CH157	19.44	17.51
11ac (VHT20)	CH165	19.40	17.51
11ac (VHT40)	CH151	40.92	36.24
11ac (VHT40)	CH159	41.25	36.23
11ac (VHT80)	CH155	81.13	75.24

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2280207-604 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	16.40	500.00	Pass
11n (HT20)	CH149	17.15	500.00	Pass
11n (HT20)	CH157	17.65	500.00	Pass
11n (HT20)	CH165	17.15	500.00	Pass
11n (HT40)	CH151	35.25	500.00	Pass
11n (HT40)	CH159	35.25	500.00	Pass
11ac (VHT20)	CH149	17.40	500.00	Pass
11ac (VHT20)	CH157	17.40	500.00	Pass
11ac (VHT20)	CH165	17.10	500.00	Pass
11ac (VHT40)	CH151	35.25	500.00	Pass
11ac (VHT40)	CH159	35.25	500.00	Pass
11ac (VHT80)	CH155	75.15	500.00	Pass

Aux. 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	16.45	500.00	Pass
11a	CH165	16.40	500.00	Pass
11n (HT20)	CH149	17.65	500.00	Pass
11n (HT20)	CH157	17.65	500.00	Pass
11n (HT20)	CH165	17.40	500.00	Pass
11n (HT40)	CH151	35.25	500.00	Pass
11n (HT40)	CH159	35.25	500.00	Pass
11ac (VHT20)	CH149	17.35	500.00	Pass
11ac (VHT20)	CH157	17.65	500.00	Pass
11ac (VHT20)	CH165	17.40	500.00	Pass
11ac (VHT40)	CH151	35.55	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.15	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document "Annex No.: BL-SZ2280207-604 Data Part 3.pdf".

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

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.27	11.00	Pass
11a	CH44	2.20	11.00	Pass
11a	CH48	2.26	11.00	Pass
11n (HT20)	CH36	1.91	11.00	Pass
11n (HT20)	CH44	1.99	11.00	Pass
11n (HT20)	CH48	2.09	11.00	Pass
11n (HT40)	CH38	-2.83	11.00	Pass
11n (HT40)	CH46	-0.50	11.00	Pass
11ac (VHT20)	CH36	1.95	11.00	Pass
11ac (VHT20)	CH44	1.97	11.00	Pass
11ac (VHT20)	CH48	2.10	11.00	Pass
11ac (VHT40)	CH38	-2.59	11.00	Pass
11ac (VHT40)	CH46	-0.78	11.00	Pass
11ac (VHT80)	CH42	-7.34	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.66	30.00	Pass
11a	CH157	-0.51	30.00	Pass
11a	CH165	-0.85	30.00	Pass
11n (HT20)	CH149	-0.79	30.00	Pass
11n (HT20)	CH157	-0.94	30.00	Pass
11n (HT20)	CH165	-1.11	30.00	Pass
11n (HT40)	CH151	-3.52	30.00	Pass
11n (HT40)	CH159	-3.28	30.00	Pass
11ac (VHT20)	CH149	-0.92	30.00	Pass
11ac (VHT20)	CH157	-0.89	30.00	Pass
11ac (VHT20)	CH165	-0.99	30.00	Pass
11ac (VHT40)	CH151	-3.28	30.00	Pass
11ac (VHT40)	CH159	-3.54	30.00	Pass
11ac (VHT80)	CH155	-5.99	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.04	11.00	Pass
11a	CH44	2.29	11.00	Pass
11a	CH48	1.60	11.00	Pass
11n (HT20)	CH36	1.86	11.00	Pass
11n (HT20)	CH44	2.11	11.00	Pass
11n (HT20)	CH48	1.68	11.00	Pass
11n (HT40)	CH38	-0.77	11.00	Pass
11n (HT40)	CH46	-0.45	11.00	Pass
11ac (VHT20)	CH36	1.47	11.00	Pass
11ac (VHT20)	CH44	1.85	11.00	Pass
11ac (VHT20)	CH48	1.61	11.00	Pass
11ac (VHT40)	CH38	-0.74	11.00	Pass
11ac (VHT40)	CH46	-0.69	11.00	Pass
11ac (VHT80)	CH42	-3.16	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.42	30.00	Pass
11a	CH157	-0.57	30.00	Pass
11a	CH165	-0.65	30.00	Pass
11n (HT20)	CH149	-0.61	30.00	Pass
11n (HT20)	CH157	-0.75	30.00	Pass
11n (HT20)	CH165	-0.94	30.00	Pass
11n (HT40)	CH151	-3.14	30.00	Pass
11n (HT40)	CH159	-3.30	30.00	Pass
11ac (VHT20)	CH149	-0.74	30.00	Pass
11ac (VHT20)	CH157	-0.89	30.00	Pass
11ac (VHT20)	CH165	-0.99	30.00	Pass
11ac (VHT40)	CH151	-3.54	30.00	Pass
11ac (VHT40)	CH159	-3.30	30.00	Pass
11ac (VHT80)	CH155	-6.10	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	-1.19	11.00	Pass
11n (HT20)	CH44	-1.18	11.00	Pass
11n (HT20)	CH48	-1.05	11.00	Pass
11n (HT40)	CH38	-3.77	11.00	Pass
11n (HT40)	CH46	-3.68	11.00	Pass
11ac (VHT20)	CH36	-1.19	11.00	Pass
11ac (VHT20)	CH44	-1.12	11.00	Pass
11ac (VHT20)	CH48	-1.10	11.00	Pass
11ac (VHT40)	CH38	-4.07	11.00	Pass
11ac (VHT40)	CH46	-3.71	11.00	Pass
11ac (VHT80)	CH42	-6.68	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-3.96	30.00	Pass
11n (HT20)	CH157	-4.02	30.00	Pass
11n (HT20)	CH165	-3.90	30.00	Pass
11n (HT40)	CH151	-6.54	30.00	Pass
11n (HT40)	CH159	-6.50	30.00	Pass
11ac (VHT20)	CH149	-3.96	30.00	Pass
11ac (VHT20)	CH157	-4.11	30.00	Pass
11ac (VHT20)	CH165	-3.95	30.00	Pass
11ac (VHT40)	CH151	-6.53	30.00	Pass
11ac (VHT40)	CH159	-6.42	30.00	Pass
11ac (VHT80)	CH155	-9.03	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	-0.96	11.00	Pass
11n (HT20)	CH44	-0.72	11.00	Pass
11n (HT20)	CH48	-1.21	11.00	Pass
11n (HT40)	CH38	-4.05	11.00	Pass
11n (HT40)	CH46	-3.48	11.00	Pass
11ac (VHT20)	CH36	-1.18	11.00	Pass
11ac (VHT20)	CH44	-0.85	11.00	Pass
11ac (VHT20)	CH48	-0.89	11.00	Pass
11ac (VHT40)	CH38	-3.70	11.00	Pass
11ac (VHT40)	CH46	-3.58	11.00	Pass
11ac (VHT80)	CH42	-6.11	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-3.81	30.00	Pass
11n (HT20)	CH157	-3.83	30.00	Pass
11n (HT20)	CH165	-3.96	30.00	Pass
11n (HT40)	CH151	-6.64	30.00	Pass
11n (HT40)	CH159	-6.91	30.00	Pass
11ac (VHT20)	CH149	-3.61	30.00	Pass
11ac (VHT20)	CH157	-4.14	30.00	Pass
11ac (VHT20)	CH165	-3.71	30.00	Pass
11ac (VHT40)	CH151	-6.77	30.00	Pass
11ac (VHT40)	CH159	-6.37	30.00	Pass
11ac (VHT80)	CH155	-9.15	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	1.94	11.00	Pass
11n (HT20)	CH44	2.07	11.00	Pass
11n (HT20)	CH48	1.88	11.00	Pass
11n (HT40)	CH38	-0.89	11.00	Pass
11n (HT40)	CH46	-0.57	11.00	Pass
11ac (VHT20)	CH36	1.83	11.00	Pass
11ac (VHT20)	CH44	2.03	11.00	Pass
11ac (VHT20)	CH48	2.01	11.00	Pass
11ac (VHT40)	CH38	-0.87	11.00	Pass
11ac (VHT40)	CH46	-0.64	11.00	Pass
11ac (VHT80)	CH42	-3.37	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-0.87	30.00	Pass
11n (HT20)	CH157	-0.91	30.00	Pass
11n (HT20)	CH165	-0.92	30.00	Pass
11n (HT40)	CH151	-3.58	30.00	Pass
11n (HT40)	CH159	-3.69	30.00	Pass
11ac (VHT20)	CH149	-0.77	30.00	Pass
11ac (VHT20)	CH157	-1.11	30.00	Pass
11ac (VHT20)	CH165	-0.81	30.00	Pass
11ac (VHT40)	CH151	-3.64	30.00	Pass
11ac (VHT40)	CH159	-3.39	30.00	Pass
11ac (VHT80)	CH155	-6.08	30.00	Pass

A.5 Conducted Emissions

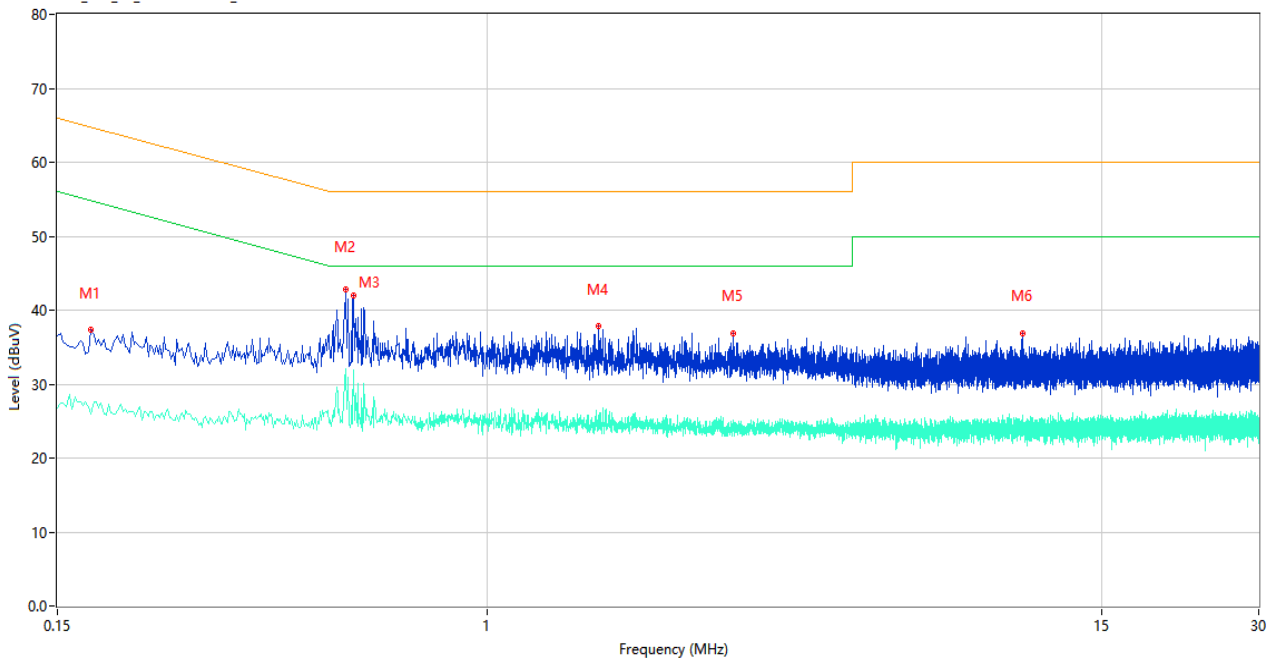
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

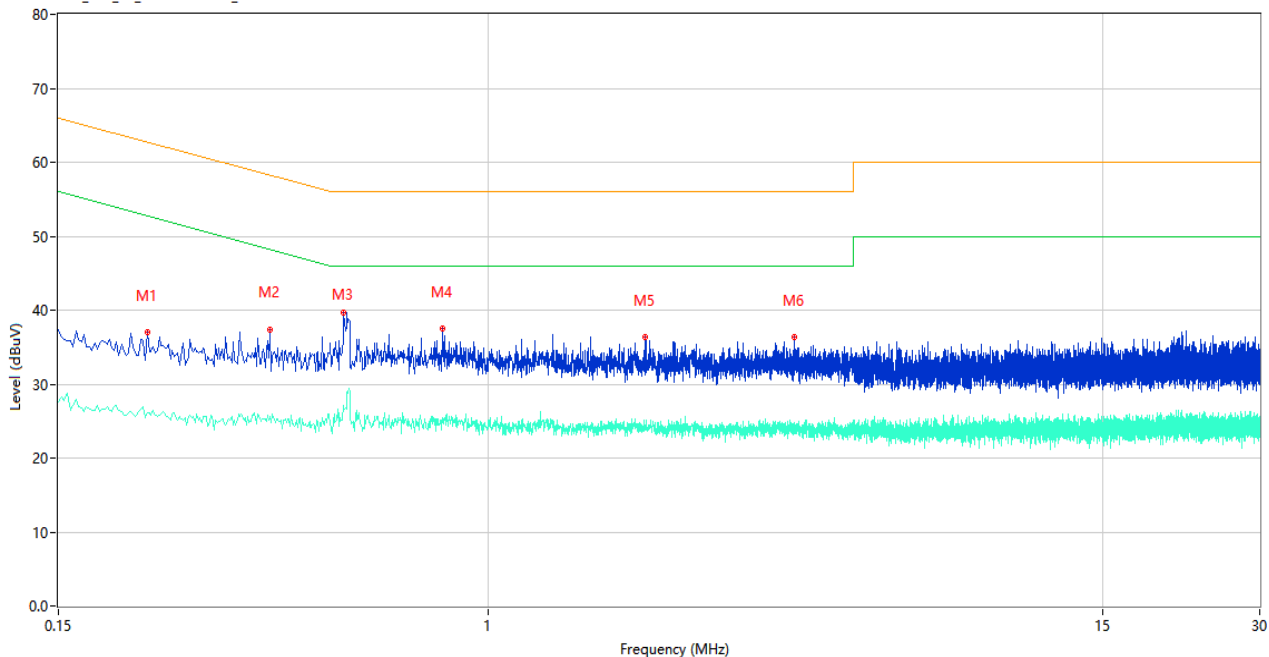
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.174	37.28	10.07	64.77	-27.49	Peak	L	Pass
1**	0.174	25.92	10.07	54.77	-28.85	AV	L	Pass
2	0.536	42.78	10.20	56.00	-13.22	Peak	L	Pass
2**	0.536	31.78	10.20	46.00	-14.22	AV	L	Pass
3	0.554	41.97	10.22	56.00	-14.03	Peak	L	Pass
3**	0.554	31.94	10.22	46.00	-14.06	AV	L	Pass
4	1.634	37.85	10.00	56.00	-18.15	Peak	L	Pass
4**	1.634	25.34	10.00	46.00	-20.66	AV	L	Pass
5	2.962	36.94	10.29	56.00	-19.06	Peak	L	Pass
5**	2.962	25.12	10.29	46.00	-20.88	AV	L	Pass
6	10.618	36.81	10.32	60.00	-23.19	Peak	L	Pass
6**	10.618	24.33	10.32	50.00	-25.67	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.222	36.97	10.04	62.74	-25.77	Peak	N	Pass
1**	0.222	26.14	10.04	52.74	-26.60	AV	N	Pass
2	0.382	37.42	10.84	58.24	-20.82	Peak	N	Pass
2**	0.382	25.59	10.84	48.24	-22.65	AV	N	Pass
3	0.528	39.62	10.19	56.00	-16.38	Peak	N	Pass
3**	0.528	26.75	10.19	46.00	-19.25	AV	N	Pass
4	0.818	37.56	10.70	56.00	-18.44	Peak	N	Pass
4**	0.818	25.21	10.70	46.00	-20.79	AV	N	Pass
5	1.996	36.30	10.30	56.00	-19.70	Peak	N	Pass
5**	1.996	24.53	10.30	46.00	-21.47	AV	N	Pass
6	3.846	36.39	10.35	56.00	-19.61	Peak	N	Pass
6**	3.846	24.87	10.35	46.00	-21.13	AV	N	Pass

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

Test Data

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

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

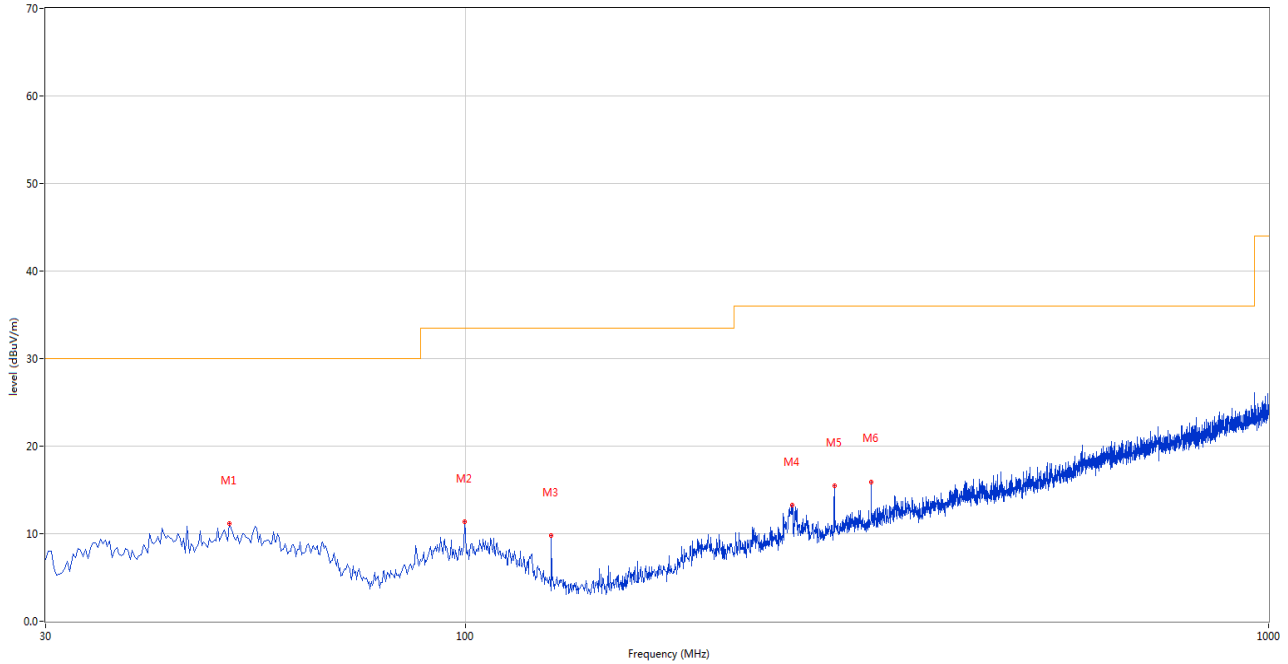
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note⁵: 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.

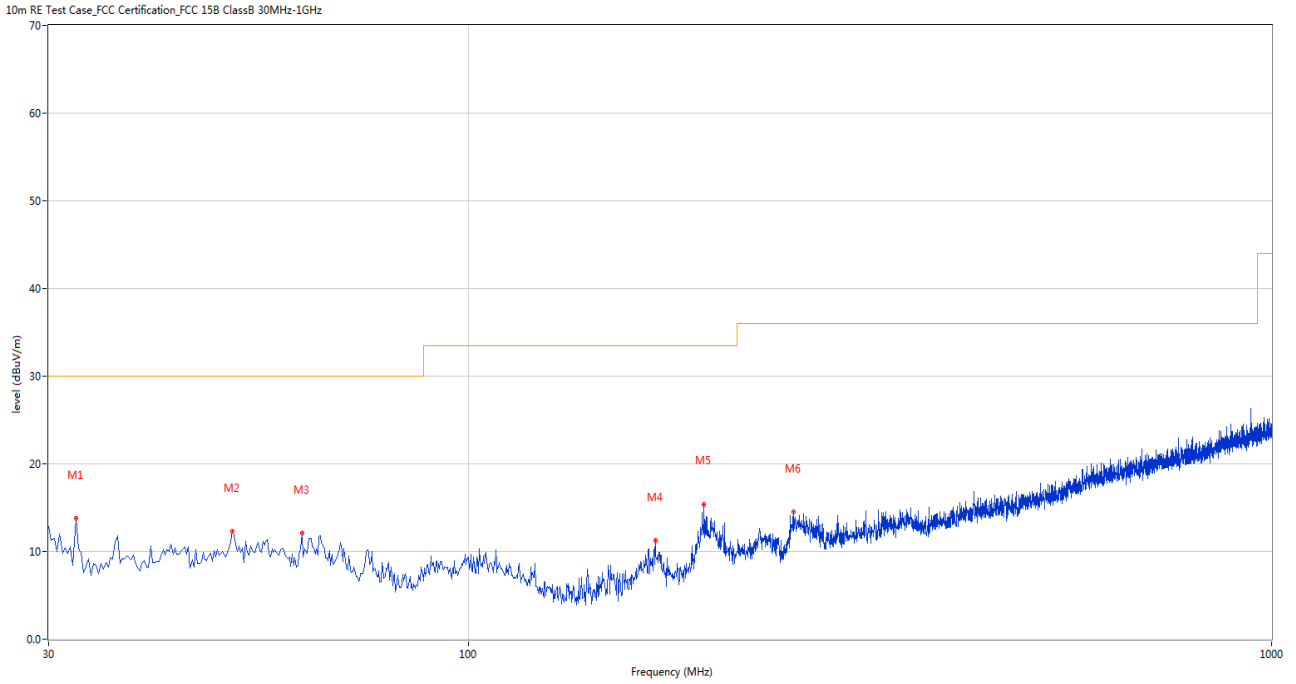
30 MHz to 1 GHz, ANT H

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.850	11.15	-26.14	30.0	-18.85	Peak	169.00	100	Horizontal	Pass
2	99.823	11.32	-27.98	33.5	-22.18	Peak	89.00	100	Horizontal	Pass
3	127.946	9.77	-31.06	33.5	-23.73	Peak	115.00	200	Horizontal	Pass
4	255.226	13.25	-26.15	36.0	-22.75	Peak	292.00	200	Horizontal	Pass
5	287.956	15.45	-25.19	36.0	-20.55	Peak	360.00	200	Horizontal	Pass
6	319.958	15.94	-24.53	36.0	-20.06	Peak	0.00	200	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	32.424	13.77	-29.21	30.0	-16.23	Peak	169.00	100	Vertical	Pass
2	50.850	12.31	-26.14	30.0	-17.69	Peak	275.00	100	Vertical	Pass
3	62.002	12.06	-28.02	30.0	-17.94	Peak	139.00	100	Vertical	Pass
4	170.857	11.23	-30.19	33.5	-22.27	Peak	325.00	100	Vertical	Pass
5	196.313	15.41	-28.03	33.5	-18.09	Peak	245.00	100	Vertical	Pass
6	253.772	14.52	-26.23	36.0	-21.48	Peak	255.00	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	1563.800	38.49	-17.54	74.0	-35.51	Peak	34.00	100	Horizontal	Pass
1**	1563.800	29.77	-17.54	54.0	-24.23	AV	34.00	100	Horizontal	Pass
2	4221.200	49.79	-4.93	74.0	-24.21	Peak	322.00	400	Horizontal	Pass
2**	4221.200	41.22	-4.93	54.0	-12.78	AV	322.00	400	Horizontal	Pass
3	5181.800	104.60	-2.71	--	--	Peak	281.00	200	Horizontal	N/A
3**	5181.800	97.36	-2.71	--	--	AV	281.00	200	Horizontal	N/A
4	10363.750	55.74	0.10	68.2	-12.46	Peak	349.00	150	Horizontal	Pass
4**	10363.750	45.15	0.10	--	--	AV	349.00	150	Horizontal	N/A
5	12299.775	53.14	1.48	74.0	-20.86	Peak	0.00	200	Horizontal	Pass
5**	12299.775	43.34	1.48	54.0	-10.66	AV	0.00	200	Horizontal	Pass
6	15840.675	55.33	1.44	74.0	-18.67	Peak	125.00	300	Horizontal	Pass
6**	15840.675	46.78	1.44	54.0	-7.22	AV	125.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.300	38.84	-18.02	74.0	-35.16	Peak	84.00	150	Vertical	Pass
1**	1162.300	29.79	-18.02	54.0	-24.21	AV	84.00	150	Vertical	Pass
2	4366.200	50.01	-4.06	74.0	-23.99	Peak	211.00	300	Vertical	Pass
2**	4366.200	40.49	-4.06	54.0	-13.51	AV	211.00	300	Vertical	Pass
3	5187.000	99.99	-2.73	--	--	Peak	170.00	150	Vertical	N/A
3**	5187.000	92.50	-2.73	--	--	AV	170.00	150	Vertical	N/A
4	7343.275	49.41	-3.59	74.0	-24.59	Peak	315.00	200	Vertical	Pass
4**	7343.275	40.37	-3.59	54.0	-13.63	AV	315.00	200	Vertical	Pass
5	10936.162	53.28	-0.02	74.0	-20.72	Peak	123.00	150	Vertical	Pass
5**	10936.162	42.34	-0.02	54.0	-11.66	AV	123.00	150	Vertical	Pass
6	16087.950	55.77	1.47	74.0	-18.23	Peak	183.00	400	Vertical	Pass
6**	16087.950	46.00	1.47	54.0	-8.00	AV	183.00	400	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	1555.700	38.44	-17.49	74.0	-35.56	Peak	26.00	300	Horizontal	Pass
1**	1555.700	29.11	-17.49	54.0	-24.89	AV	26.00	300	Horizontal	Pass
2	4230.800	49.85	-4.61	74.0	-24.15	Peak	305.00	100	Horizontal	Pass
2**	4230.800	40.19	-4.61	54.0	-13.81	AV	305.00	100	Horizontal	Pass
3	5223.200	106.16	-3.00	--	--	Peak	284.00	150	Horizontal	N/A
3**	5223.200	98.24	-3.00	--	--	AV	284.00	150	Horizontal	N/A
4	7344.712	49.88	-3.63	74.0	-24.12	Peak	94.00	300	Horizontal	Pass
4**	7344.712	40.48	-3.63	54.0	-13.52	AV	94.00	300	Horizontal	Pass
5	11941.838	52.83	1.63	74.0	-21.17	Peak	268.00	150	Horizontal	Pass
5**	11941.838	43.29	1.63	54.0	-10.71	AV	268.00	150	Horizontal	Pass
6	16108.951	55.66	0.81	74.0	-18.34	Peak	235.00	300	Horizontal	Pass
6**	16108.951	45.85	0.81	54.0	-8.15	AV	235.00	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	1163.800	41.14	-18.06	74.0	-32.86	Peak	87.00	150	Vertical	Pass
1**	1163.800	28.27	-18.06	54.0	-25.73	AV	87.00	150	Vertical	Pass
2	4052.200	49.20	-4.85	74.0	-24.80	Peak	142.00	200	Vertical	Pass
2**	4052.200	39.74	-4.85	54.0	-14.26	AV	142.00	200	Vertical	Pass
3	5217.000	100.70	-2.89	--	--	Peak	142.00	200	Vertical	N/A
3**	5217.000	92.67	-2.89	--	--	AV	142.00	200	Vertical	N/A
4	7354.775	49.72	-3.98	74.0	-24.28	Peak	189.00	200	Vertical	Pass
4**	7354.775	40.55	-3.98	54.0	-13.45	AV	189.00	200	Vertical	Pass
5	12327.950	52.59	1.42	74.0	-21.41	Peak	109.00	150	Vertical	Pass
5**	12327.950	43.48	1.42	54.0	-10.52	AV	109.00	150	Vertical	Pass
6	16098.187	55.33	1.25	74.0	-18.67	Peak	33.00	400	Vertical	Pass
6**	16098.187	46.35	1.25	54.0	-7.65	AV	33.00	400	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	1495.200	38.16	-17.58	74.0	-35.84	Peak	280.00	400	Horizontal	Pass
1**	1495.200	29.09	-17.58	54.0	-24.91	AV	280.00	400	Horizontal	Pass
2	4161.600	49.92	-4.93	74.0	-24.08	Peak	201.00	400	Horizontal	Pass
2**	4161.600	40.01	-4.93	54.0	-13.99	AV	201.00	400	Horizontal	Pass
3	5245.200	105.79	-2.66	--	--	Peak	282.00	100	Horizontal	N/A
3**	5245.200	97.62	-2.66	--	--	AV	282.00	100	Horizontal	N/A
4	7374.038	49.71	-3.75	74.0	-24.29	Peak	125.00	400	Horizontal	Pass
4**	7374.038	40.88	-3.75	54.0	-13.12	AV	125.00	400	Horizontal	Pass
5	12606.250	53.15	1.91	74.0	-20.85	Peak	349.00	100	Horizontal	Pass
5**	12606.250	43.50	1.91	54.0	-10.50	AV	349.00	100	Horizontal	Pass
6	16095.037	55.39	1.32	74.0	-18.61	Peak	142.00	200	Horizontal	Pass
6**	16095.037	46.01	1.32	54.0	-7.99	AV	142.00	200	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	1526.600	38.78	-17.62	74.0	-35.22	Peak	163.00	400	Vertical	Pass
1**	1526.600	28.95	-17.62	54.0	-25.05	AV	163.00	400	Vertical	Pass
2	4366.200	50.39	-4.06	74.0	-23.61	Peak	209.00	100	Vertical	Pass
2**	4366.200	40.67	-4.06	54.0	-13.33	AV	209.00	100	Vertical	Pass
3	5243.200	99.27	-2.68	--	--	Peak	168.00	150	Vertical	N/A
3**	5243.200	91.59	-2.68	--	--	AV	168.00	150	Vertical	N/A
4	7372.600	49.89	-3.82	74.0	-24.11	Peak	202.00	200	Vertical	Pass
4**	7372.600	40.09	-3.82	54.0	-13.91	AV	202.00	200	Vertical	Pass
5	12509.362	53.67	1.62	74.0	-20.33	Peak	0.00	200	Vertical	Pass
5**	12509.362	42.29	1.62	54.0	-11.71	AV	0.00	200	Vertical	Pass
6	15839.625	55.89	1.45	74.0	-18.11	Peak	292.00	200	Vertical	Pass
6**	15839.625	46.85	1.45	54.0	-7.15	AV	292.00	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	1591.600	38.58	-17.52	74.0	-35.42	Peak	290.00	100	Horizontal	Pass
1**	1591.600	29.98	-17.52	54.0	-24.02	AV	290.00	100	Horizontal	Pass
2	4376.600	49.97	-4.43	74.0	-24.03	Peak	231.00	300	Horizontal	Pass
2**	4376.600	40.25	-4.43	54.0	-13.75	AV	231.00	300	Horizontal	Pass
3	5178.200	105.12	-2.71	--	--	Peak	285.00	100	Horizontal	N/A
3**	5178.200	98.00	-2.71	--	--	AV	285.00	100	Horizontal	N/A
4	7369.725	49.34	-4.08	74.0	-24.66	Peak	232.00	400	Horizontal	Pass
4**	7369.725	39.63	-4.08	54.0	-14.37	AV	232.00	400	Horizontal	Pass
5	10919.487	52.44	0.23	74.0	-21.56	Peak	348.00	200	Horizontal	Pass
5**	10919.487	41.84	0.23	54.0	-12.16	AV	348.00	200	Horizontal	Pass
6	15854.850	54.94	1.20	74.0	-19.06	Peak	34.00	100	Horizontal	Pass
6**	15854.850	47.18	1.20	54.0	-6.82	AV	34.00	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	1625.300	38.70	-17.72	74.0	-35.30	Peak	0.00	100	Vertical	Pass
1**	1625.300	28.60	-17.72	54.0	-25.40	AV	0.00	100	Vertical	Pass
2	4233.600	49.39	-4.54	74.0	-24.61	Peak	50.00	400	Vertical	Pass
2**	4233.600	40.72	-4.54	54.0	-13.28	AV	50.00	400	Vertical	Pass
3	5184.600	100.79	-2.84	--	--	Peak	171.00	200	Vertical	N/A
3**	5184.600	93.37	-2.84	--	--	AV	171.00	200	Vertical	N/A
4	7345.000	49.33	-3.66	74.0	-24.67	Peak	277.00	200	Vertical	Pass
4**	7345.000	40.10	-3.66	54.0	-13.90	AV	277.00	200	Vertical	Pass
5	12581.526	53.10	1.63	74.0	-20.90	Peak	39.00	100	Vertical	Pass
5**	12581.526	43.55	1.63	54.0	-10.45	AV	39.00	100	Vertical	Pass
6	16013.400	55.63	0.47	74.0	-18.37	Peak	51.00	100	Vertical	Pass
6**	16013.400	45.33	0.47	54.0	-8.67	AV	51.00	100	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	1471.600	38.83	-17.52	74.0	-35.17	Peak	293.00	100	Horizontal	Pass
1**	1471.600	28.72	-17.52	54.0	-25.28	AV	293.00	100	Horizontal	Pass
2	4392.600	49.63	-4.76	74.0	-24.37	Peak	355.00	300	Horizontal	Pass
2**	4392.600	40.46	-4.76	54.0	-13.54	AV	355.00	300	Horizontal	Pass
3	5225.200	105.96	-3.06	--	--	Peak	280.00	150	Horizontal	N/A
3**	5225.200	99.34	-3.06	--	--	AV	280.00	150	Horizontal	N/A
4	7374.612	49.28	-3.75	74.0	-24.72	Peak	37.00	300	Horizontal	Pass
4**	7374.612	39.83	-3.75	54.0	-14.17	AV	37.00	300	Horizontal	Pass
5	12326.225	52.57	1.42	74.0	-21.43	Peak	234.00	200	Horizontal	Pass
5**	12326.225	43.69	1.42	54.0	-10.31	AV	234.00	200	Horizontal	Pass
6	16090.575	55.52	1.42	74.0	-18.48	Peak	351.00	200	Horizontal	Pass
6**	16090.575	46.00	1.42	54.0	-8.00	AV	351.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.200	39.16	-17.68	74.0	-34.84	Peak	129.00	400	Vertical	Pass
1**	1520.200	28.34	-17.68	54.0	-25.66	AV	129.00	400	Vertical	Pass
2	4369.600	49.73	-4.36	74.0	-24.27	Peak	68.00	400	Vertical	Pass
2**	4369.600	40.00	-4.36	54.0	-14.00	AV	68.00	400	Vertical	Pass
3	5214.800	101.70	-2.83	--	--	Peak	358.00	100	Vertical	N/A
3**	5214.800	93.93	-2.83	--	--	AV	358.00	100	Vertical	N/A
4	7380.362	48.96	-3.61	74.0	-25.04	Peak	0.00	200	Vertical	Pass
4**	7380.362	40.10	-3.61	54.0	-13.90	AV	0.00	200	Vertical	Pass
5	12608.550	52.79	1.90	74.0	-21.21	Peak	300.00	200	Vertical	Pass
5**	12608.550	42.89	1.90	54.0	-11.11	AV	300.00	200	Vertical	Pass
6	16097.401	55.34	1.26	74.0	-18.66	Peak	148.00	400	Vertical	Pass
6**	16097.401	46.89	1.26	54.0	-7.11	AV	148.00	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	1506.100	38.47	-17.59	74.0	-35.53	Peak	96.00	200	Horizontal	Pass
1**	1506.100	29.42	-17.59	54.0	-24.58	AV	96.00	200	Horizontal	Pass
2	4353.000	49.69	-3.88	74.0	-24.31	Peak	18.00	300	Horizontal	Pass
2**	4353.000	41.13	-3.88	54.0	-12.87	AV	18.00	300	Horizontal	Pass
3	5247.200	106.16	-2.70	--	--	Peak	282.00	100	Horizontal	N/A
3**	5247.200	97.81	-2.70	--	--	AV	282.00	100	Horizontal	N/A
4	7619.562	49.49	-2.97	74.0	-24.51	Peak	41.00	300	Horizontal	Pass
4**	7619.562	39.32	-2.97	54.0	-14.68	AV	41.00	300	Horizontal	Pass
5	12244.862	53.04	1.02	74.0	-20.96	Peak	0.00	100	Horizontal	Pass
5**	12244.862	43.48	1.02	54.0	-10.52	AV	0.00	100	Horizontal	Pass
6	16048.050	55.69	0.74	74.0	-18.31	Peak	360.00	100	Horizontal	Pass
6**	16048.050	45.00	0.74	54.0	-9.00	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.700	38.74	-17.71	74.0	-35.26	Peak	187.00	200	Vertical	Pass
1**	1623.700	29.67	-17.71	54.0	-24.33	AV	187.00	200	Vertical	Pass
2	4351.600	49.96	-3.97	74.0	-24.04	Peak	274.00	300	Vertical	Pass
2**	4351.600	40.31	-3.97	54.0	-13.69	AV	274.00	300	Vertical	Pass
3	5237.400	99.79	-2.80	--	--	Peak	162.00	200	Vertical	N/A
3**	5237.400	92.02	-2.80	--	--	AV	162.00	200	Vertical	N/A
4	7385.538	49.36	-3.90	74.0	-24.64	Peak	284.00	100	Vertical	Pass
4**	7385.538	39.91	-3.90	54.0	-14.09	AV	284.00	100	Vertical	Pass
5	12697.388	53.05	0.84	74.0	-20.95	Peak	83.00	200	Vertical	Pass
5**	12697.388	43.56	0.84	54.0	-10.44	AV	83.00	200	Vertical	Pass
6	15837.787	55.13	1.45	74.0	-18.87	Peak	360.00	200	Vertical	Pass
6**	15837.787	46.48	1.45	54.0	-7.52	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.800	38.17	-17.49	74.0	-35.83	Peak	223.00	400	Horizontal	Pass
1**	1534.800	29.35	-17.49	54.0	-24.65	AV	223.00	400	Horizontal	Pass
2	4161.000	49.32	-4.93	74.0	-24.68	Peak	360.00	400	Horizontal	Pass
2**	4161.000	40.10	-4.93	54.0	-13.90	AV	360.00	400	Horizontal	Pass
3	5193.000	103.29	-2.74	--	--	Peak	286.00	150	Horizontal	N/A
3**	5193.000	95.77	-2.74	--	--	AV	286.00	150	Horizontal	N/A
4	7546.537	49.19	-2.41	74.0	-24.81	Peak	233.00	300	Horizontal	Pass
4**	7546.537	38.90	-2.41	54.0	-15.10	AV	233.00	300	Horizontal	Pass
5	12364.750	52.69	1.20	74.0	-21.31	Peak	73.00	150	Horizontal	Pass
5**	12364.750	43.16	1.20	54.0	-10.84	AV	73.00	150	Horizontal	Pass
6	16143.337	55.48	1.03	74.0	-18.52	Peak	360.00	100	Horizontal	Pass
6**	16143.337	45.90	1.03	54.0	-8.10	AV	360.00	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	1496.900	40.32	-17.57	74.0	-33.68	Peak	119.00	100	Vertical	Pass
1**	1496.900	28.60	-17.57	54.0	-25.40	AV	119.00	100	Vertical	Pass
2	4362.000	49.92	-3.79	74.0	-24.08	Peak	55.00	200	Vertical	Pass
2**	4362.000	40.49	-3.79	54.0	-13.51	AV	55.00	200	Vertical	Pass
3	5199.000	99.30	-2.68	--	--	Peak	165.00	150	Vertical	N/A
3**	5199.000	92.69	-2.68	--	--	AV	165.00	150	Vertical	N/A
4	7283.763	49.02	-3.51	74.0	-24.98	Peak	360.00	200	Vertical	Pass
4**	7283.763	39.76	-3.51	54.0	-14.24	AV	360.00	200	Vertical	Pass
5	12223.013	53.69	1.27	74.0	-20.31	Peak	250.00	200	Vertical	Pass
5**	12223.013	44.12	1.27	54.0	-9.88	AV	250.00	200	Vertical	Pass
6	16090.313	55.30	1.43	74.0	-18.70	Peak	257.00	200	Vertical	Pass
6**	16090.313	46.83	1.43	54.0	-7.17	AV	257.00	200	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	1519.700	38.38	-17.68	74.0	-35.62	Peak	164.00	400	Horizontal	Pass
1**	1519.700	28.90	-17.68	54.0	-25.10	AV	164.00	400	Horizontal	Pass
2	4225.200	49.60	-4.78	74.0	-24.40	Peak	125.00	300	Horizontal	Pass
2**	4225.200	40.25	-4.78	54.0	-13.75	AV	125.00	300	Horizontal	Pass
3	5223.800	103.85	-3.01	--	--	Peak	292.00	200	Horizontal	N/A
3**	5223.800	95.85	-3.01	--	--	AV	292.00	200	Horizontal	N/A
4	7354.200	49.21	-3.94	74.0	-24.79	Peak	224.00	200	Horizontal	Pass
4**	7354.200	40.73	-3.94	54.0	-13.27	AV	224.00	200	Horizontal	Pass
5	12328.237	52.55	1.42	74.0	-21.45	Peak	277.00	200	Horizontal	Pass
5**	12328.237	43.62	1.42	54.0	-10.38	AV	277.00	200	Horizontal	Pass
6	15851.175	55.25	1.30	74.0	-18.75	Peak	255.00	100	Horizontal	Pass
6**	15851.175	46.17	1.30	54.0	-7.83	AV	255.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	38.95	-17.55	74.0	-35.05	Peak	98.00	200	Vertical	Pass
1**	1498.700	29.93	-17.55	54.0	-24.07	AV	98.00	200	Vertical	Pass
2	4342.600	49.30	-4.34	74.0	-24.70	Peak	359.00	400	Vertical	Pass
2**	4342.600	40.15	-4.34	54.0	-13.85	AV	359.00	400	Vertical	Pass
3	5218.400	98.10	-2.99	--	--	Peak	141.00	200	Vertical	N/A
3**	5218.400	90.12	-2.99	--	--	AV	141.00	200	Vertical	N/A
4	7330.913	49.13	-3.61	74.0	-24.87	Peak	14.00	400	Vertical	Pass
4**	7330.913	40.07	-3.61	54.0	-13.93	AV	14.00	400	Vertical	Pass
5	12602.800	52.99	1.91	74.0	-21.01	Peak	262.00	200	Vertical	Pass
5**	12602.800	44.17	1.91	54.0	-9.83	AV	262.00	200	Vertical	Pass
6	16101.075	55.53	1.15	74.0	-18.47	Peak	84.00	400	Vertical	Pass
6**	16101.075	46.49	1.15	54.0	-7.51	AV	84.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.400	38.72	-17.42	74.0	-35.28	Peak	339.00	300	Horizontal	Pass
1**	1562.400	28.91	-17.42	54.0	-25.09	AV	339.00	300	Horizontal	Pass
2	4328.600	49.96	-4.45	74.0	-24.04	Peak	359.00	100	Horizontal	Pass
2**	4328.600	39.88	-4.45	54.0	-14.12	AV	359.00	100	Horizontal	Pass
3	5177.400	105.63	-2.76	--	--	Peak	263.00	150	Horizontal	N/A
3**	5177.400	97.63	-2.76	--	--	AV	263.00	150	Horizontal	N/A
4	7342.700	50.14	-3.63	74.0	-23.86	Peak	0.00	100	Horizontal	Pass
4**	7342.700	40.42	-3.63	54.0	-13.58	AV	0.00	100	Horizontal	Pass
5	12299.775	52.82	1.48	74.0	-21.18	Peak	93.00	150	Horizontal	Pass
5**	12299.775	43.55	1.48	54.0	-10.45	AV	93.00	150	Horizontal	Pass
6	15862.200	55.49	0.88	74.0	-18.51	Peak	127.00	200	Horizontal	Pass
6**	15862.200	45.27	0.88	54.0	-8.73	AV	127.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	40.04	-17.58	74.0	-33.96	Peak	119.00	200	Vertical	Pass
1**	1494.600	29.42	-17.58	54.0	-24.58	AV	119.00	200	Vertical	Pass
2	4258.400	50.00	-4.79	74.0	-24.00	Peak	7.00	200	Vertical	Pass
2**	4258.400	40.17	-4.79	54.0	-13.83	AV	7.00	200	Vertical	Pass
3	5185.800	100.76	-2.82	--	--	Peak	164.00	200	Vertical	N/A
3**	5185.800	93.22	-2.82	--	--	AV	164.00	200	Vertical	N/A
4	7371.163	49.57	-3.92	74.0	-24.43	Peak	115.00	100	Vertical	Pass
4**	7371.163	41.09	-3.92	54.0	-12.91	AV	115.00	100	Vertical	Pass
5	12319.325	53.13	1.42	74.0	-20.87	Peak	98.00	100	Vertical	Pass
5**	12319.325	43.72	1.42	54.0	-10.28	AV	98.00	100	Vertical	Pass
6	16093.987	55.31	1.35	74.0	-18.69	Peak	360.00	200	Vertical	Pass
6**	16093.987	46.22	1.35	54.0	-7.78	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.400	38.51	-17.62	74.0	-35.49	Peak	19.00	300	Horizontal	Pass
1**	1618.400	28.92	-17.62	54.0	-25.08	AV	19.00	300	Horizontal	Pass
2	4350.000	49.29	-4.03	74.0	-24.71	Peak	132.00	300	Horizontal	Pass
2**	4350.000	40.68	-4.03	54.0	-13.32	AV	132.00	300	Horizontal	Pass
3	5217.400	106.17	-2.92	--	--	Peak	283.00	150	Horizontal	N/A
3**	5217.400	98.05	-2.92	--	--	AV	283.00	150	Horizontal	N/A
4	7301.012	49.08	-3.66	74.0	-24.92	Peak	295.00	300	Horizontal	Pass
4**	7301.012	39.12	-3.66	54.0	-14.88	AV	295.00	300	Horizontal	Pass
5	12577.212	52.53	1.68	74.0	-21.47	Peak	343.00	150	Horizontal	Pass
5**	12577.212	43.16	1.68	54.0	-10.84	AV	343.00	150	Horizontal	Pass
6	15630.412	55.22	1.69	74.0	-18.78	Peak	91.00	100	Horizontal	Pass
6**	15630.412	45.81	1.69	54.0	-8.19	AV	91.00	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	1493.000	40.30	-17.52	74.0	-33.70	Peak	123.00	200	Vertical	Pass
1**	1493.000	30.05	-17.52	54.0	-23.95	AV	123.00	200	Vertical	Pass
2	4238.200	49.33	-4.75	74.0	-24.67	Peak	324.00	400	Vertical	Pass
2**	4238.200	40.02	-4.75	54.0	-13.98	AV	324.00	400	Vertical	Pass
3	5214.600	101.72	-2.84	--	--	Peak	154.00	100	Vertical	N/A
3**	5214.600	94.75	-2.84	--	--	AV	154.00	100	Vertical	N/A
4	7348.163	49.33	-3.85	74.0	-24.67	Peak	360.00	300	Vertical	Pass
4**	7348.163	41.13	-3.85	54.0	-12.87	AV	360.00	300	Vertical	Pass
5	12259.812	53.44	1.07	74.0	-20.56	Peak	54.00	200	Vertical	Pass
5**	12259.812	43.07	1.07	54.0	-10.93	AV	54.00	200	Vertical	Pass
6	15848.287	54.90	1.34	74.0	-19.10	Peak	260.00	400	Vertical	Pass
6**	15848.287	47.17	1.34	54.0	-6.83	AV	260.00	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	1612.600	38.41	-17.65	74.0	-35.59	Peak	163.00	200	Horizontal	Pass
1**	1612.600	29.21	-17.65	54.0	-24.79	AV	163.00	200	Horizontal	Pass
2	4386.000	49.24	-4.68	74.0	-24.76	Peak	360.00	400	Horizontal	Pass
2**	4386.000	39.87	-4.68	54.0	-14.13	AV	360.00	400	Horizontal	Pass
3	5242.600	106.00	-2.70	--	--	Peak	294.00	150	Horizontal	N/A
3**	5242.600	98.50	-2.70	--	--	AV	294.00	150	Horizontal	N/A
4	7371.450	49.05	-3.89	74.0	-24.95	Peak	27.00	400	Horizontal	Pass
4**	7371.450	40.56	-3.89	54.0	-13.44	AV	27.00	400	Horizontal	Pass
5	12231.349	52.97	1.26	74.0	-21.03	Peak	76.00	150	Horizontal	Pass
5**	12231.349	43.87	1.26	54.0	-10.13	AV	76.00	150	Horizontal	Pass
6	16082.437	55.59	1.59	74.0	-18.41	Peak	360.00	100	Horizontal	Pass
6**	16082.437	46.49	1.59	54.0	-7.51	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.400	39.06	-17.61	74.0	-34.94	Peak	117.00	100	Vertical	Pass
1**	1486.400	30.27	-17.61	54.0	-23.73	AV	117.00	100	Vertical	Pass
2	4273.200	49.66	-4.51	74.0	-24.34	Peak	219.00	100	Vertical	Pass
2**	4273.200	39.82	-4.51	54.0	-14.18	AV	219.00	100	Vertical	Pass
3	5242.800	100.04	-2.69	--	--	Peak	166.00	150	Vertical	N/A
3**	5242.800	92.74	-2.69	--	--	AV	166.00	150	Vertical	N/A
4	7365.125	49.86	-4.02	74.0	-24.14	Peak	140.00	100	Vertical	Pass
4**	7365.125	40.20	-4.02	54.0	-13.80	AV	140.00	100	Vertical	Pass
5	12227.613	52.79	1.31	74.0	-21.21	Peak	360.00	200	Vertical	Pass
5**	12227.613	44.76	1.31	54.0	-9.24	AV	360.00	200	Vertical	Pass
6	16125.487	54.97	0.82	74.0	-19.03	Peak	338.00	400	Vertical	Pass
6**	16125.487	46.64	0.82	54.0	-7.36	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	1494.300	39.28	-17.58	74.0	-34.72	Peak	17.00	100	Horizontal	Pass
1**	1494.300	29.12	-17.58	54.0	-24.88	AV	17.00	100	Horizontal	Pass
2	4150.600	49.22	-4.99	74.0	-24.78	Peak	354.00	100	Horizontal	Pass
2**	4150.600	40.37	-4.99	54.0	-13.63	AV	354.00	100	Horizontal	Pass
3	5187.200	102.90	-2.71	--	--	Peak	291.00	200	Horizontal	N/A
3**	5187.200	95.62	-2.71	--	--	AV	291.00	200	Horizontal	N/A
4	7343.850	49.62	-3.56	74.0	-24.38	Peak	8.00	200	Horizontal	Pass
4**	7343.850	41.09	-3.56	54.0	-12.91	AV	8.00	200	Horizontal	Pass
5	12336.862	53.15	1.32	74.0	-20.85	Peak	315.00	200	Horizontal	Pass
5**	12336.862	43.92	1.32	54.0	-10.08	AV	315.00	200	Horizontal	Pass
6	15853.537	55.71	1.23	74.0	-18.29	Peak	314.00	200	Horizontal	Pass
6**	15853.537	45.88	1.23	54.0	-8.12	AV	314.00	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	1493.300	39.65	-17.54	74.0	-34.35	Peak	0.00	400	Vertical	Pass
1**	1493.300	28.72	-17.54	54.0	-25.28	AV	0.00	400	Vertical	Pass
2	4278.200	49.04	-4.54	74.0	-24.96	Peak	215.00	400	Vertical	Pass
2**	4278.200	40.40	-4.54	54.0	-13.60	AV	215.00	400	Vertical	Pass
3	5192.000	99.36	-2.67	--	--	Peak	160.00	100	Vertical	N/A
3**	5192.000	91.83	-2.67	--	--	AV	160.00	100	Vertical	N/A
4	7380.362	49.24	-3.61	74.0	-24.76	Peak	299.00	400	Vertical	Pass
4**	7380.362	41.45	-3.61	54.0	-12.55	AV	299.00	400	Vertical	Pass
5	12400.113	53.18	1.57	74.0	-20.82	Peak	182.00	100	Vertical	Pass
5**	12400.113	42.72	1.57	54.0	-11.28	AV	182.00	100	Vertical	Pass
6	15840.412	55.79	1.44	74.0	-18.21	Peak	53.00	200	Vertical	Pass
6**	15840.412	45.75	1.44	54.0	-8.25	AV	53.00	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	1594.600	38.50	-17.52	74.0	-35.50	Peak	4.00	100	Horizontal	Pass
1**	1594.600	28.70	-17.52	54.0	-25.30	AV	4.00	100	Horizontal	Pass
2	4037.800	49.51	-4.75	74.0	-24.49	Peak	36.00	300	Horizontal	Pass
2**	4037.800	39.02	-4.75	54.0	-14.98	AV	36.00	300	Horizontal	Pass
3	5222.800	103.37	-3.01	--	--	Peak	291.00	150	Horizontal	N/A
3**	5222.800	95.99	-3.01	--	--	AV	291.00	150	Horizontal	N/A
4	7335.225	49.98	-3.37	74.0	-24.02	Peak	269.00	300	Horizontal	Pass
4**	7335.225	40.26	-3.37	54.0	-13.74	AV	269.00	300	Horizontal	Pass
5	12335.713	52.81	1.34	74.0	-21.19	Peak	300.00	100	Horizontal	Pass
5**	12335.713	43.77	1.34	54.0	-10.23	AV	300.00	100	Horizontal	Pass
6	16092.937	55.58	1.37	74.0	-18.42	Peak	360.00	100	Horizontal	Pass
6**	16092.937	46.71	1.37	54.0	-7.29	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	1484.100	39.90	-17.52	74.0	-34.10	Peak	123.00	400	Vertical	Pass
1**	1484.100	28.55	-17.52	54.0	-25.45	AV	123.00	400	Vertical	Pass
2	4360.800	49.69	-3.76	74.0	-24.31	Peak	323.00	400	Vertical	Pass
2**	4360.800	41.12	-3.76	54.0	-12.88	AV	323.00	400	Vertical	Pass
3	5222.200	97.95	-3.03	--	--	Peak	139.00	200	Vertical	N/A
3**	5222.200	90.69	-3.03	--	--	AV	139.00	200	Vertical	N/A
4	7384.675	49.74	-3.87	74.0	-24.26	Peak	284.00	400	Vertical	Pass
4**	7384.675	41.15	-3.87	54.0	-12.85	AV	284.00	400	Vertical	Pass
5	12327.375	52.91	1.42	74.0	-21.09	Peak	12.00	150	Vertical	Pass
5**	12327.375	43.38	1.42	54.0	-10.62	AV	12.00	150	Vertical	Pass
6	15827.025	55.22	1.58	74.0	-18.78	Peak	292.00	150	Vertical	Pass
6**	15827.025	46.86	1.58	54.0	-7.14	AV	292.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.700	38.44	-17.54	74.0	-35.56	Peak	79.00	100	Horizontal	Pass
1**	1571.700	29.28	-17.54	54.0	-24.72	AV	79.00	100	Horizontal	Pass
2	4344.000	49.77	-4.39	74.0	-24.23	Peak	360.00	400	Horizontal	Pass
2**	4344.000	39.73	-4.39	54.0	-14.27	AV	360.00	400	Horizontal	Pass
3	5225.600	100.86	-3.06	--	--	Peak	281.00	100	Horizontal	N/A
3**	5225.600	93.27	-3.06	--	--	AV	281.00	100	Horizontal	N/A
4	7353.337	49.16	-3.88	74.0	-24.84	Peak	269.00	200	Horizontal	Pass
4**	7353.337	40.21	-3.88	54.0	-13.79	AV	269.00	200	Horizontal	Pass
5	12326.799	53.12	1.42	74.0	-20.88	Peak	237.00	200	Horizontal	Pass
5**	12326.799	43.70	1.42	54.0	-10.30	AV	237.00	200	Horizontal	Pass
6	15838.312	55.37	1.45	74.0	-18.63	Peak	146.00	400	Horizontal	Pass
6**	15838.312	47.57	1.45	54.0	-6.43	AV	146.00	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	1552.700	39.39	-17.45	74.0	-34.61	Peak	218.00	200	Vertical	Pass
1**	1552.700	29.88	-17.45	54.0	-24.12	AV	218.00	200	Vertical	Pass
2	4381.800	49.44	-4.59	74.0	-24.56	Peak	306.00	300	Vertical	Pass
2**	4381.800	39.88	-4.59	54.0	-14.12	AV	306.00	300	Vertical	Pass
3	5205.800	96.90	-2.44	--	--	Peak	152.00	150	Vertical	N/A
3**	5205.800	90.04	-2.44	--	--	AV	152.00	150	Vertical	N/A
4	7344.712	49.53	-3.63	74.0	-24.47	Peak	125.00	400	Vertical	Pass
4**	7344.712	40.18	-3.63	54.0	-13.82	AV	125.00	400	Vertical	Pass
5	12229.625	52.74	1.30	74.0	-21.26	Peak	204.00	200	Vertical	Pass
5**	12229.625	43.93	1.30	54.0	-10.07	AV	204.00	200	Vertical	Pass
6	15844.875	55.40	1.37	74.0	-18.60	Peak	326.00	100	Vertical	Pass
6**	15844.875	46.47	1.37	54.0	-7.53	AV	326.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	38.90	-17.49	74.0	-35.10	Peak	265.00	100	Horizontal	Pass
1**	1592.700	28.54	-17.49	54.0	-25.46	AV	265.00	100	Horizontal	Pass
2	4389.800	49.18	-4.73	74.0	-24.82	Peak	61.00	400	Horizontal	Pass
2**	4389.800	41.02	-4.73	54.0	-12.98	AV	61.00	400	Horizontal	Pass
3	5748.800	108.28	-2.16	--	--	Peak	316.00	200	Horizontal	N/A
3**	5748.800	100.81	-2.16	--	--	AV	316.00	200	Horizontal	N/A
4	7468.050	49.59	-3.84	74.0	-24.41	Peak	156.00	100	Horizontal	Pass
4**	7468.050	39.78	-3.84	54.0	-14.22	AV	156.00	100	Horizontal	Pass
5	12233.938	52.87	1.19	74.0	-21.13	Peak	61.00	150	Horizontal	Pass
5**	12233.938	44.28	1.19	54.0	-9.72	AV	61.00	150	Horizontal	Pass
6	16097.138	55.25	1.27	74.0	-18.75	Peak	0.00	300	Horizontal	Pass
6**	16097.138	46.75	1.27	54.0	-7.25	AV	0.00	300	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	1495.200	38.92	-17.58	74.0	-35.08	Peak	105.00	300	Vertical	Pass
1**	1495.200	30.21	-17.58	54.0	-23.79	AV	105.00	300	Vertical	Pass
2	4342.400	50.22	-4.33	74.0	-23.78	Peak	110.00	300	Vertical	Pass
2**	4342.400	40.23	-4.33	54.0	-13.77	AV	110.00	300	Vertical	Pass
3	5747.000	103.39	-2.34	--	--	Peak	80.00	150	Vertical	N/A
3**	5747.000	95.56	-2.34	--	--	AV	80.00	150	Vertical	N/A
4	7369.438	49.24	-4.10	74.0	-24.76	Peak	205.00	400	Vertical	Pass
4**	7369.438	40.74	-4.10	54.0	-13.26	AV	205.00	400	Vertical	Pass
5	12339.162	52.63	1.30	74.0	-21.37	Peak	109.00	200	Vertical	Pass
5**	12339.162	43.50	1.30	54.0	-10.50	AV	109.00	200	Vertical	Pass
6	16087.687	55.09	1.48	74.0	-18.91	Peak	206.00	100	Vertical	Pass
6**	16087.687	45.85	1.48	54.0	-8.15	AV	206.00	100	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	1519.600	39.18	-17.68	74.0	-34.82	Peak	120.00	300	Horizontal	Pass
1**	1519.600	29.35	-17.68	54.0	-24.65	AV	120.00	300	Horizontal	Pass
2	4392.800	49.42	-4.75	74.0	-24.58	Peak	220.00	100	Horizontal	Pass
2**	4392.800	39.45	-4.75	54.0	-14.55	AV	220.00	100	Horizontal	Pass
3	5788.000	109.45	-2.46	--	--	Peak	322.00	100	Horizontal	N/A
3**	5788.000	101.63	-2.46	--	--	AV	322.00	100	Horizontal	N/A
4	7378.925	49.15	-3.66	74.0	-24.85	Peak	0.00	300	Horizontal	Pass
4**	7378.925	40.73	-3.66	54.0	-13.27	AV	0.00	300	Horizontal	Pass
5	12252.912	53.54	0.97	74.0	-20.46	Peak	285.00	200	Horizontal	Pass
5**	12252.912	43.62	0.97	54.0	-10.38	AV	285.00	200	Horizontal	Pass
6	16081.651	55.67	1.60	74.0	-18.33	Peak	319.00	400	Horizontal	Pass
6**	16081.651	46.66	1.60	54.0	-7.34	AV	319.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.700	38.54	-17.64	74.0	-35.46	Peak	59.00	400	Vertical	Pass
1**	1620.700	28.82	-17.64	54.0	-25.18	AV	59.00	400	Vertical	Pass
2	4229.000	49.84	-4.53	74.0	-24.16	Peak	129.00	200	Vertical	Pass
2**	4229.000	40.60	-4.53	54.0	-13.40	AV	129.00	200	Vertical	Pass
3	5789.800	103.58	-2.53	--	--	Peak	77.00	150	Vertical	N/A
3**	5789.800	96.03	-2.53	--	--	AV	77.00	150	Vertical	N/A
4	7342.700	49.55	-3.63	74.0	-24.45	Peak	300.00	400	Vertical	Pass
4**	7342.700	40.30	-3.63	54.0	-13.70	AV	300.00	400	Vertical	Pass
5	11952.187	53.13	1.30	74.0	-20.87	Peak	109.00	150	Vertical	Pass
5**	11952.187	43.72	1.30	54.0	-10.28	AV	109.00	150	Vertical	Pass
6	15857.475	55.24	1.06	74.0	-18.76	Peak	0.00	400	Vertical	Pass
6**	15857.475	45.74	1.06	54.0	-8.26	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.300	38.71	-17.54	74.0	-35.29	Peak	12.00	200	Horizontal	Pass
1**	1524.300	28.80	-17.54	54.0	-25.20	AV	12.00	200	Horizontal	Pass
2	4160.800	49.10	-4.92	74.0	-24.90	Peak	48.00	400	Horizontal	Pass
2**	4160.800	39.33	-4.92	54.0	-14.67	AV	48.00	400	Horizontal	Pass
3	5823.800	111.00	-2.41	--	--	Peak	321.00	100	Horizontal	N/A
3**	5823.800	103.98	-2.41	--	--	AV	321.00	100	Horizontal	N/A
4	7362.250	49.86	-4.01	74.0	-24.14	Peak	204.00	400	Horizontal	Pass
4**	7362.250	40.18	-4.01	54.0	-13.82	AV	204.00	400	Horizontal	Pass
5	12215.537	53.12	1.19	74.0	-20.88	Peak	156.00	200	Horizontal	Pass
5**	12215.537	43.40	1.19	54.0	-10.60	AV	156.00	200	Horizontal	Pass
6	15856.162	55.31	1.13	74.0	-18.69	Peak	291.00	200	Horizontal	Pass
6**	15856.162	46.21	1.13	54.0	-7.79	AV	291.00	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	1601.600	38.74	-17.64	74.0	-35.26	Peak	360.00	200	Vertical	Pass
1**	1601.600	29.07	-17.64	54.0	-24.93	AV	360.00	200	Vertical	Pass
2	4351.400	49.66	-3.98	74.0	-24.34	Peak	341.00	400	Vertical	Pass
2**	4351.400	40.36	-3.98	54.0	-13.64	AV	341.00	400	Vertical	Pass
3	5829.000	104.79	-2.22	--	--	Peak	72.00	200	Vertical	N/A
3**	5829.000	96.89	-2.22	--	--	AV	72.00	200	Vertical	N/A
4	7395.600	49.74	-4.19	74.0	-24.26	Peak	360.00	400	Vertical	Pass
4**	7395.600	40.15	-4.19	54.0	-13.85	AV	360.00	400	Vertical	Pass
5	12426.276	52.65	1.47	74.0	-21.35	Peak	196.00	100	Vertical	Pass
5**	12426.276	42.90	1.47	54.0	-11.10	AV	196.00	100	Vertical	Pass
6	16098.450	56.18	1.24	74.0	-17.82	Peak	214.00	400	Vertical	Pass
6**	16098.450	46.14	1.24	54.0	-7.86	AV	214.00	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	1619.300	38.32	-17.60	74.0	-35.68	Peak	298.00	200	Horizontal	Pass
1**	1619.300	29.06	-17.60	54.0	-24.94	AV	298.00	200	Horizontal	Pass
2	4139.400	49.94	-4.85	74.0	-24.06	Peak	135.00	100	Horizontal	Pass
2**	4139.400	40.03	-4.85	54.0	-13.97	AV	135.00	100	Horizontal	Pass
3	5742.800	108.92	-2.27	--	--	Peak	324.00	100	Horizontal	N/A
3**	5742.800	100.40	-2.27	--	--	AV	324.00	100	Horizontal	N/A
4	7365.987	49.04	-4.02	74.0	-24.96	Peak	11.00	300	Horizontal	Pass
4**	7365.987	41.33	-4.02	54.0	-12.67	AV	11.00	300	Horizontal	Pass
5	12208.638	52.63	0.96	74.0	-21.37	Peak	44.00	150	Horizontal	Pass
5**	12208.638	43.28	0.96	54.0	-10.72	AV	44.00	150	Horizontal	Pass
6	16085.588	55.14	1.52	74.0	-18.86	Peak	233.00	400	Horizontal	Pass
6**	16085.588	45.95	1.52	54.0	-8.05	AV	233.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	39.71	-17.58	74.0	-34.29	Peak	97.00	100	Vertical	Pass
1**	1495.100	29.12	-17.58	54.0	-24.88	AV	97.00	100	Vertical	Pass
2	4182.400	49.13	-5.09	74.0	-24.87	Peak	281.00	100	Vertical	Pass
2**	4182.400	39.62	-5.09	54.0	-14.38	AV	281.00	100	Vertical	Pass
3	5751.400	103.39	-2.18	--	--	Peak	292.00	100	Vertical	N/A
3**	5751.400	95.70	-2.18	--	--	AV	292.00	100	Vertical	N/A
4	7351.900	49.76	-3.85	74.0	-24.24	Peak	178.00	400	Vertical	Pass
4**	7351.900	40.50	-3.85	54.0	-13.50	AV	178.00	400	Vertical	Pass
5	12267.000	53.26	1.35	74.0	-20.74	Peak	45.00	200	Vertical	Pass
5**	12267.000	43.25	1.35	54.0	-10.75	AV	45.00	200	Vertical	Pass
6	16101.338	54.72	1.14	74.0	-19.28	Peak	57.00	400	Vertical	Pass
6**	16101.338	46.26	1.14	54.0	-7.74	AV	57.00	400	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	1544.700	39.02	-17.50	74.0	-34.98	Peak	223.00	300	Horizontal	Pass
1**	1544.700	28.57	-17.50	54.0	-25.43	AV	223.00	300	Horizontal	Pass
2	4364.200	49.89	-3.89	74.0	-24.11	Peak	191.00	300	Horizontal	Pass
2**	4364.200	40.60	-3.89	54.0	-13.40	AV	191.00	300	Horizontal	Pass
3	5780.200	109.40	-2.13	--	--	Peak	323.00	150	Horizontal	N/A
3**	5780.200	102.05	-2.13	--	--	AV	323.00	150	Horizontal	N/A
4	7343.850	48.79	-3.56	74.0	-25.21	Peak	25.00	200	Horizontal	Pass
4**	7343.850	41.31	-3.56	54.0	-12.69	AV	25.00	200	Horizontal	Pass
5	11934.937	53.23	1.69	74.0	-20.77	Peak	211.00	200	Horizontal	Pass
5**	11934.937	43.52	1.69	54.0	-10.48	AV	211.00	200	Horizontal	Pass
6	15834.112	55.18	1.46	74.0	-18.82	Peak	278.00	300	Horizontal	Pass
6**	15834.112	46.19	1.46	54.0	-7.81	AV	278.00	300	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	1498.600	40.49	-17.55	74.0	-33.51	Peak	102.00	100	Vertical	Pass
1**	1498.600	29.49	-17.55	54.0	-24.51	AV	102.00	100	Vertical	Pass
2	4344.200	49.49	-4.38	74.0	-24.51	Peak	360.00	100	Vertical	Pass
2**	4344.200	40.13	-4.38	54.0	-13.87	AV	360.00	100	Vertical	Pass
3	5789.800	104.03	-2.53	--	--	Peak	73.00	200	Vertical	N/A
3**	5789.800	96.54	-2.53	--	--	AV	73.00	200	Vertical	N/A
4	7327.175	49.41	-3.65	74.0	-24.59	Peak	144.00	100	Vertical	Pass
4**	7327.175	41.08	-3.65	54.0	-12.92	AV	144.00	100	Vertical	Pass
5	12471.987	52.46	1.65	74.0	-21.54	Peak	314.00	100	Vertical	Pass
5**	12471.987	42.63	1.65	54.0	-11.37	AV	314.00	100	Vertical	Pass
6	15858.787	55.72	0.99	74.0	-18.28	Peak	55.00	400	Vertical	Pass
6**	15858.787	46.38	0.99	54.0	-7.62	AV	55.00	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	1498.800	38.36	-17.55	74.0	-35.64	Peak	68.00	300	Horizontal	Pass
1**	1498.800	28.58	-17.55	54.0	-25.42	AV	68.00	300	Horizontal	Pass
2	4246.000	49.33	-4.91	74.0	-24.67	Peak	264.00	400	Horizontal	Pass
2**	4246.000	39.83	-4.91	54.0	-14.17	AV	264.00	400	Horizontal	Pass
3	5830.400	110.46	-2.14	--	--	Peak	309.00	150	Horizontal	N/A
3**	5830.400	102.62	-2.14	--	--	AV	309.00	150	Horizontal	N/A
4	7343.275	48.87	-3.59	74.0	-25.13	Peak	169.00	400	Horizontal	Pass
4**	7343.275	40.42	-3.59	54.0	-13.58	AV	169.00	400	Horizontal	Pass
5	11936.375	52.64	1.69	74.0	-21.36	Peak	275.00	100	Horizontal	Pass
5**	11936.375	43.34	1.69	54.0	-10.66	AV	275.00	100	Horizontal	Pass
6	16008.412	55.31	0.40	74.0	-18.69	Peak	110.00	100	Horizontal	Pass
6**	16008.412	45.52	0.40	54.0	-8.48	AV	110.00	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	1497.200	39.19	-17.56	74.0	-34.81	Peak	126.00	300	Vertical	Pass
1**	1497.200	28.92	-17.56	54.0	-25.08	AV	126.00	300	Vertical	Pass
2	4272.400	49.28	-4.50	74.0	-24.72	Peak	5.00	200	Vertical	Pass
2**	4272.400	39.48	-4.50	54.0	-14.52	AV	5.00	200	Vertical	Pass
3	5820.200	106.30	-2.58	--	--	Peak	60.00	200	Vertical	N/A
3**	5820.200	98.28	-2.58	--	--	AV	60.00	200	Vertical	N/A
4	7343.563	49.89	-3.57	74.0	-24.11	Peak	360.00	300	Vertical	Pass
4**	7343.563	40.22	-3.57	54.0	-13.78	AV	360.00	300	Vertical	Pass
5	12240.550	53.02	1.06	74.0	-20.98	Peak	286.00	200	Vertical	Pass
5**	12240.550	43.25	1.06	54.0	-10.75	AV	286.00	200	Vertical	Pass
6	15851.175	55.20	1.30	74.0	-18.80	Peak	127.00	400	Vertical	Pass
6**	15851.175	47.17	1.30	54.0	-6.83	AV	127.00	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	1495.300	38.52	-17.58	74.0	-35.48	Peak	73.00	400	Horizontal	Pass
1**	1495.300	29.78	-17.58	54.0	-24.22	AV	73.00	400	Horizontal	Pass
2	4357.600	50.93	-3.74	74.0	-23.07	Peak	241.00	100	Horizontal	Pass
2**	4357.600	40.08	-3.74	54.0	-13.92	AV	241.00	100	Horizontal	Pass
3	5749.800	105.39	-2.16	--	--	Peak	308.00	150	Horizontal	N/A
3**	5749.800	97.02	-2.16	--	--	AV	308.00	150	Horizontal	N/A
4	7378.638	49.96	-3.68	74.0	-24.04	Peak	257.00	300	Horizontal	Pass
4**	7378.638	40.62	-3.68	54.0	-13.38	AV	257.00	300	Horizontal	Pass
5	12332.550	52.63	1.38	74.0	-21.37	Peak	118.00	100	Horizontal	Pass
5**	12332.550	43.54	1.38	54.0	-10.46	AV	118.00	100	Horizontal	Pass
6	16094.775	55.35	1.33	74.0	-18.65	Peak	200.00	300	Horizontal	Pass
6**	16094.775	45.66	1.33	54.0	-8.34	AV	200.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.200	38.90	-17.65	74.0	-35.10	Peak	0.00	100	Vertical	Pass
1**	1614.200	29.23	-17.65	54.0	-24.77	AV	0.00	100	Vertical	Pass
2	4355.400	49.50	-3.72	74.0	-24.50	Peak	319.00	100	Vertical	Pass
2**	4355.400	40.50	-3.72	54.0	-13.50	AV	319.00	100	Vertical	Pass
3	5751.400	102.27	-2.18	--	--	Peak	64.00	100	Vertical	N/A
3**	5751.400	94.32	-2.18	--	--	AV	64.00	100	Vertical	N/A
4	7390.712	49.86	-4.03	74.0	-24.14	Peak	14.00	400	Vertical	Pass
4**	7390.712	39.86	-4.03	54.0	-14.14	AV	14.00	400	Vertical	Pass
5	12261.250	52.36	1.13	74.0	-21.64	Peak	84.00	100	Vertical	Pass
5**	12261.250	43.25	1.13	54.0	-10.75	AV	84.00	100	Vertical	Pass
6	16097.925	55.39	1.25	74.0	-18.61	Peak	225.00	100	Vertical	Pass
6**	16097.925	46.03	1.25	54.0	-7.97	AV	225.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.700	38.58	-17.54	74.0	-35.42	Peak	74.00	100	Horizontal	Pass
1**	1587.700	29.39	-17.54	54.0	-24.61	AV	74.00	100	Horizontal	Pass
2	4363.000	49.45	-3.82	74.0	-24.55	Peak	309.00	400	Horizontal	Pass
2**	4363.000	40.67	-3.82	54.0	-13.33	AV	309.00	400	Horizontal	Pass
3	5789.000	105.86	-2.48	--	--	Peak	309.00	100	Horizontal	N/A
3**	5789.000	98.59	-2.48	--	--	AV	309.00	100	Horizontal	N/A
4	7344.712	49.48	-3.63	74.0	-24.52	Peak	85.00	400	Horizontal	Pass
4**	7344.712	41.00	-3.63	54.0	-13.00	AV	85.00	400	Horizontal	Pass
5	11634.787	52.79	-0.21	74.0	-21.21	Peak	340.00	100	Horizontal	Pass
5**	11634.787	42.75	-0.21	54.0	-11.25	AV	340.00	100	Horizontal	Pass
6	15851.700	55.80	1.28	74.0	-18.20	Peak	247.00	400	Horizontal	Pass
6**	15851.700	45.97	1.28	54.0	-8.03	AV	247.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	38.48	-17.56	74.0	-35.52	Peak	117.00	300	Vertical	Pass
1**	1499.600	29.09	-17.56	54.0	-24.91	AV	117.00	300	Vertical	Pass
2	4344.800	49.44	-4.36	74.0	-24.56	Peak	6.00	400	Vertical	Pass
2**	4344.800	39.65	-4.36	54.0	-14.35	AV	6.00	400	Vertical	Pass
3	5788.800	103.08	-2.47	--	--	Peak	70.00	100	Vertical	N/A
3**	5788.800	94.74	-2.47	--	--	AV	70.00	100	Vertical	N/A
4	7336.375	49.50	-3.43	74.0	-24.50	Peak	236.00	400	Vertical	Pass
4**	7336.375	40.35	-3.43	54.0	-13.65	AV	236.00	400	Vertical	Pass
5	12264.125	52.77	1.25	74.0	-21.23	Peak	47.00	200	Vertical	Pass
5**	12264.125	43.62	1.25	54.0	-10.38	AV	47.00	200	Vertical	Pass
6	15838.576	55.69	1.45	74.0	-18.31	Peak	324.00	400	Vertical	Pass
6**	15838.576	45.71	1.45	54.0	-8.29	AV	324.00	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	1491.600	38.51	-17.48	74.0	-35.49	Peak	360.00	200	Horizontal	Pass
1**	1491.600	28.73	-17.48	54.0	-25.27	AV	360.00	200	Horizontal	Pass
2	4360.600	49.46	-3.75	74.0	-24.54	Peak	156.00	300	Horizontal	Pass
2**	4360.600	40.12	-3.75	54.0	-13.88	AV	156.00	300	Horizontal	Pass
3	5750.800	107.51	-2.17	--	--	Peak	309.00	100	Horizontal	N/A
3**	5750.800	99.48	-2.17	--	--	AV	309.00	100	Horizontal	N/A
4	7333.500	49.37	-3.51	74.0	-24.63	Peak	151.00	400	Horizontal	Pass
4**	7333.500	39.93	-3.51	54.0	-14.07	AV	151.00	400	Horizontal	Pass
5	12292.300	52.86	1.62	74.0	-21.14	Peak	14.00	200	Horizontal	Pass
5**	12292.300	42.78	1.62	54.0	-11.22	AV	14.00	200	Horizontal	Pass
6	15841.724	56.25	1.42	74.0	-17.75	Peak	322.00	100	Horizontal	Pass
6**	15841.724	47.00	1.42	54.0	-7.00	AV	322.00	100	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	1497.000	39.03	-17.57	74.0	-34.97	Peak	96.00	300	Vertical	Pass
1**	1497.000	29.12	-17.57	54.0	-24.88	AV	96.00	300	Vertical	Pass
2	4187.600	49.51	-4.96	74.0	-24.49	Peak	267.00	100	Vertical	Pass
2**	4187.600	39.94	-4.96	54.0	-14.06	AV	267.00	100	Vertical	Pass
3	5743.800	104.73	-2.29	--	--	Peak	69.00	150	Vertical	N/A
3**	5743.800	97.11	-2.29	--	--	AV	69.00	150	Vertical	N/A
4	7318.550	49.10	-3.66	74.0	-24.90	Peak	116.00	400	Vertical	Pass
4**	7318.550	40.53	-3.66	54.0	-13.47	AV	116.00	400	Vertical	Pass
5	11940.688	52.44	1.67	74.0	-21.56	Peak	360.00	100	Vertical	Pass
5**	11940.688	43.45	1.67	54.0	-10.55	AV	360.00	100	Vertical	Pass
6	16082.437	55.11	1.59	74.0	-18.89	Peak	148.00	400	Vertical	Pass
6**	16082.437	46.42	1.59	54.0	-7.58	AV	148.00	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	1494.400	38.71	-17.58	74.0	-35.29	Peak	26.00	100	Horizontal	Pass
1**	1494.400	28.97	-17.58	54.0	-25.03	AV	26.00	100	Horizontal	Pass
2	4365.000	49.78	-3.94	74.0	-24.22	Peak	159.00	200	Horizontal	Pass
2**	4365.000	40.30	-3.94	54.0	-13.70	AV	159.00	200	Horizontal	Pass
3	5783.800	108.96	-2.28	--	--	Peak	309.00	200	Horizontal	N/A
3**	5783.800	101.55	-2.28	--	--	AV	309.00	200	Horizontal	N/A
4	7348.738	49.88	-3.86	74.0	-24.12	Peak	336.00	100	Horizontal	Pass
4**	7348.738	40.36	-3.86	54.0	-13.64	AV	336.00	100	Horizontal	Pass
5	12571.463	52.95	1.72	74.0	-21.05	Peak	360.00	150	Horizontal	Pass
5**	12571.463	42.76	1.72	54.0	-11.24	AV	360.00	150	Horizontal	Pass
6	15831.487	55.35	1.48	74.0	-18.65	Peak	166.00	100	Horizontal	Pass
6**	15831.487	46.02	1.48	54.0	-7.98	AV	166.00	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	1495.400	40.94	-17.58	74.0	-33.06	Peak	116.00	300	Vertical	Pass
1**	1495.400	31.75	-17.58	54.0	-22.25	AV	116.00	300	Vertical	Pass
2	4366.800	49.45	-4.12	74.0	-24.55	Peak	69.00	100	Vertical	Pass
2**	4366.800	41.27	-4.12	54.0	-12.73	AV	69.00	100	Vertical	Pass
3	5789.400	105.57	-2.51	--	--	Peak	69.00	150	Vertical	N/A
3**	5789.400	98.14	-2.51	--	--	AV	69.00	150	Vertical	N/A
4	7683.100	49.27	-2.78	74.0	-24.73	Peak	184.00	400	Vertical	Pass
4**	7683.100	40.93	-2.78	54.0	-13.07	AV	184.00	400	Vertical	Pass
5	12244.862	52.34	1.02	74.0	-21.66	Peak	236.00	150	Vertical	Pass
5**	12244.862	43.24	1.02	54.0	-10.76	AV	236.00	150	Vertical	Pass
6	15625.162	55.29	1.72	74.0	-18.71	Peak	360.00	100	Vertical	Pass
6**	15625.162	46.24	1.72	54.0	-7.76	AV	360.00	100	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	1581.700	38.38	-17.55	74.0	-35.62	Peak	242.00	400	Horizontal	Pass
1**	1581.700	28.67	-17.55	54.0	-25.33	AV	242.00	400	Horizontal	Pass
2	4336.000	49.55	-4.56	74.0	-24.45	Peak	330.00	200	Horizontal	Pass
2**	4336.000	39.30	-4.56	54.0	-14.70	AV	330.00	200	Horizontal	Pass
3	5823.800	110.33	-2.41	--	--	Peak	308.00	100	Horizontal	N/A
3**	5823.800	102.39	-2.41	--	--	AV	308.00	100	Horizontal	N/A
4	7384.675	49.36	-3.87	74.0	-24.64	Peak	237.00	200	Horizontal	Pass
4**	7384.675	39.87	-3.87	54.0	-14.13	AV	237.00	200	Horizontal	Pass
5	12609.125	52.76	1.90	74.0	-21.24	Peak	360.00	150	Horizontal	Pass
5**	12609.125	43.55	1.90	54.0	-10.45	AV	360.00	150	Horizontal	Pass
6	16098.187	55.60	1.25	74.0	-18.40	Peak	49.00	400	Horizontal	Pass
6**	16098.187	46.17	1.25	54.0	-7.83	AV	49.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.300	38.40	-17.65	74.0	-35.60	Peak	222.00	400	Vertical	Pass
1**	1601.300	28.93	-17.65	54.0	-25.07	AV	222.00	400	Vertical	Pass
2	4356.400	49.47	-3.66	74.0	-24.53	Peak	263.00	400	Vertical	Pass
2**	4356.400	40.76	-3.66	54.0	-13.24	AV	263.00	400	Vertical	Pass
3	5823.800	105.82	-2.41	--	--	Peak	45.00	200	Vertical	N/A
3**	5823.800	98.26	-2.41	--	--	AV	45.00	200	Vertical	N/A
4	7341.837	49.81	-3.67	74.0	-24.19	Peak	67.00	400	Vertical	Pass
4**	7341.837	42.07	-3.67	54.0	-11.93	AV	67.00	400	Vertical	Pass
5	12206.913	52.89	0.89	74.0	-21.11	Peak	254.00	150	Vertical	Pass
5**	12206.913	43.47	0.89	54.0	-10.53	AV	254.00	150	Vertical	Pass
6	15862.200	55.24	0.88	74.0	-18.76	Peak	360.00	200	Vertical	Pass
6**	15862.200	46.24	0.88	54.0	-7.76	AV	360.00	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	1572.400	38.31	-17.60	74.0	-35.69	Peak	66.00	200	Horizontal	Pass
1**	1572.400	28.90	-17.60	54.0	-25.10	AV	66.00	200	Horizontal	Pass
2	4362.400	49.47	-3.80	74.0	-24.53	Peak	353.00	300	Horizontal	Pass
2**	4362.400	40.40	-3.80	54.0	-13.60	AV	353.00	300	Horizontal	Pass
3	5752.800	105.33	-2.17	--	--	Peak	309.00	100	Horizontal	N/A
3**	5752.800	97.55	-2.17	--	--	AV	309.00	100	Horizontal	N/A
4	7336.950	49.77	-3.48	74.0	-24.23	Peak	66.00	300	Horizontal	Pass
4**	7336.950	40.35	-3.48	54.0	-13.65	AV	66.00	300	Horizontal	Pass
5	11665.263	52.50	0.18	74.0	-21.50	Peak	66.00	150	Horizontal	Pass
5**	11665.263	42.89	0.18	54.0	-11.11	AV	66.00	150	Horizontal	Pass
6	15854.063	55.14	1.22	74.0	-18.86	Peak	144.00	300	Horizontal	Pass
6**	15854.063	47.02	1.22	54.0	-6.98	AV	144.00	300	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	1516.400	39.44	-17.59	74.0	-34.56	Peak	134.00	200	Vertical	Pass
1**	1516.400	28.88	-17.59	54.0	-25.12	AV	134.00	200	Vertical	Pass
2	4283.600	49.63	-4.76	74.0	-24.37	Peak	61.00	100	Vertical	Pass
2**	4283.600	39.39	-4.76	54.0	-14.61	AV	61.00	100	Vertical	Pass
3	5750.400	102.27	-2.16	--	--	Peak	61.00	150	Vertical	N/A
3**	5750.400	94.09	-2.16	--	--	AV	61.00	150	Vertical	N/A
4	7379.500	49.45	-3.63	74.0	-24.55	Peak	85.00	100	Vertical	Pass
4**	7379.500	40.52	-3.63	54.0	-13.48	AV	85.00	100	Vertical	Pass
5	12234.512	52.52	1.17	74.0	-21.48	Peak	341.00	200	Vertical	Pass
5**	12234.512	43.78	1.17	54.0	-10.22	AV	341.00	200	Vertical	Pass
6	15861.151	55.24	0.90	74.0	-18.76	Peak	344.00	100	Vertical	Pass
6**	15861.151	46.09	0.90	54.0	-7.91	AV	344.00	100	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	1576.800	38.44	-17.53	74.0	-35.56	Peak	33.00	400	Horizontal	Pass
1**	1576.800	28.33	-17.53	54.0	-25.67	AV	33.00	400	Horizontal	Pass
2	4264.800	49.68	-4.66	74.0	-24.32	Peak	173.00	300	Horizontal	Pass
2**	4264.800	40.11	-4.66	54.0	-13.89	AV	173.00	300	Horizontal	Pass
3	5790.600	105.67	-2.57	--	--	Peak	306.00	200	Horizontal	N/A
3**	5790.600	97.54	-2.57	--	--	AV	306.00	200	Horizontal	N/A
4	7466.325	49.37	-3.80	74.0	-24.63	Peak	66.00	400	Horizontal	Pass
4**	7466.325	39.47	-3.80	54.0	-14.53	AV	66.00	400	Horizontal	Pass
5	12236.812	52.61	1.12	74.0	-21.39	Peak	224.00	100	Horizontal	Pass
5**	12236.812	43.11	1.12	54.0	-10.89	AV	224.00	100	Horizontal	Pass
6	16092.412	55.86	1.38	74.0	-18.14	Peak	58.00	400	Horizontal	Pass
6**	16092.412	46.97	1.38	54.0	-7.03	AV	58.00	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	1495.200	39.68	-17.58	74.0	-34.32	Peak	132.00	200	Vertical	Pass
1**	1495.200	32.29	-17.58	54.0	-21.71	AV	132.00	200	Vertical	Pass
2	4278.400	49.35	-4.54	74.0	-24.65	Peak	0.00	100	Vertical	Pass
2**	4278.400	41.02	-4.54	54.0	-12.98	AV	0.00	100	Vertical	Pass
3	5792.400	103.09	-2.56	--	--	Peak	71.00	200	Vertical	N/A
3**	5792.400	95.30	-2.56	--	--	AV	71.00	200	Vertical	N/A
4	7340.400	49.52	-3.55	74.0	-24.48	Peak	204.00	200	Vertical	Pass
4**	7340.400	40.67	-3.55	54.0	-13.33	AV	204.00	200	Vertical	Pass
5	12337.150	52.78	1.32	74.0	-21.22	Peak	82.00	150	Vertical	Pass
5**	12337.150	43.28	1.32	54.0	-10.72	AV	82.00	150	Vertical	Pass
6	15530.662	55.11	1.07	74.0	-18.89	Peak	259.00	100	Vertical	Pass
6**	15530.662	44.99	1.07	54.0	-9.01	AV	259.00	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	1605.100	38.67	-17.57	74.0	-35.33	Peak	59.00	400	Horizontal	Pass
1**	1605.100	28.75	-17.57	54.0	-25.25	AV	59.00	400	Horizontal	Pass
2	4353.400	49.36	-3.85	74.0	-24.64	Peak	217.00	300	Horizontal	Pass
2**	4353.400	40.57	-3.85	54.0	-13.43	AV	217.00	300	Horizontal	Pass
3	5762.000	103.08	-1.87	--	--	Peak	309.00	150	Horizontal	N/A
3**	5762.000	95.17	-1.87	--	--	AV	309.00	150	Horizontal	N/A
4	7336.950	49.04	-3.48	74.0	-24.96	Peak	242.00	100	Horizontal	Pass
4**	7336.950	40.70	-3.48	54.0	-13.30	AV	242.00	100	Horizontal	Pass
5	12235.662	53.08	1.15	74.0	-20.92	Peak	360.00	100	Horizontal	Pass
5**	12235.662	43.88	1.15	54.0	-10.12	AV	360.00	100	Horizontal	Pass
6	15862.200	54.45	0.88	74.0	-19.55	Peak	304.00	200	Horizontal	Pass
6**	15862.200	45.65	0.88	54.0	-8.35	AV	304.00	200	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	1534.100	38.85	-17.51	74.0	-35.15	Peak	212.00	400	Vertical	Pass
1**	1534.100	28.56	-17.51	54.0	-25.44	AV	212.00	400	Vertical	Pass
2	4239.600	49.35	-4.70	74.0	-24.65	Peak	50.00	300	Vertical	Pass
2**	4239.600	39.67	-4.70	54.0	-14.33	AV	50.00	300	Vertical	Pass
3	5789.600	99.99	-2.52	--	--	Peak	62.00	100	Vertical	N/A
3**	5789.600	91.76	-2.52	--	--	AV	62.00	100	Vertical	N/A
4	7338.675	49.07	-3.53	74.0	-24.93	Peak	191.00	200	Vertical	Pass
4**	7338.675	40.92	-3.53	54.0	-13.08	AV	191.00	200	Vertical	Pass
5	12248.600	52.87	0.97	74.0	-21.13	Peak	15.00	100	Vertical	Pass
5**	12248.600	43.52	0.97	54.0	-10.48	AV	15.00	100	Vertical	Pass
6	16095.300	55.49	1.32	74.0	-18.51	Peak	302.00	300	Vertical	Pass
6**	16095.300	46.27	1.32	54.0	-7.73	AV	302.00	300	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	1540.700	38.75	-17.52	74.0	-35.25	Peak	199.00	400	Horizontal	Pass
1**	1540.700	28.74	-17.52	54.0	-25.26	AV	199.00	400	Horizontal	Pass
2	4197.000	49.63	-4.89	74.0	-24.37	Peak	360.00	150	Horizontal	Pass
2**	4197.000	39.81	-4.89	54.0	-14.19	AV	360.00	150	Horizontal	Pass
3	5178.800	104.93	-2.68	--	--	Peak	260.00	200	Horizontal	N/A
3**	5178.800	101.99	-2.68	--	--	AV	260.00	200	Horizontal	N/A
4	10360.300	53.66	0.09	68.2	-14.54	Peak	297.00	150	Horizontal	Pass
4**	10360.300	50.12	0.09	--	--	AV	297.00	150	Horizontal	N/A
5	12574.050	52.93	1.72	74.0	-21.07	Peak	151.00	150	Horizontal	Pass
5**	12574.050	43.07	1.72	54.0	-10.93	AV	151.00	150	Horizontal	Pass
6	16080.600	55.21	1.63	74.0	-18.79	Peak	260.00	100	Horizontal	Pass
6**	16080.600	45.80	1.63	54.0	-8.20	AV	260.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.900	39.07	-17.51	74.0	-34.93	Peak	216.00	300	Vertical	Pass
1**	1545.900	29.47	-17.51	54.0	-24.53	AV	216.00	300	Vertical	Pass
2	4394.400	49.31	-4.63	74.0	-24.69	Peak	212.00	100	Vertical	Pass
2**	4394.400	40.17	-4.63	54.0	-13.83	AV	212.00	100	Vertical	Pass
3	5181.600	103.30	-2.71	--	--	Peak	169.00	200	Vertical	N/A
3**	5181.600	100.41	-2.71	--	--	AV	169.00	200	Vertical	N/A
4	7384.388	49.33	-3.86	74.0	-24.67	Peak	314.00	100	Vertical	Pass
4**	7384.388	40.45	-3.86	54.0	-13.55	AV	314.00	100	Vertical	Pass
5	12679.562	53.20	0.87	74.0	-20.80	Peak	35.00	150	Vertical	Pass
5**	12679.562	42.97	0.87	54.0	-11.03	AV	35.00	150	Vertical	Pass
6	15848.287	55.49	1.34	74.0	-18.51	Peak	0.00	300	Vertical	Pass
6**	15848.287	47.06	1.34	54.0	-6.94	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.900	38.78	-17.49	74.0	-35.22	Peak	136.00	200	Horizontal	Pass
1**	1592.900	29.82	-17.49	54.0	-24.18	AV	136.00	200	Horizontal	Pass
2	4363.200	49.72	-3.84	74.0	-24.28	Peak	28.00	400	Horizontal	Pass
2**	4363.200	40.64	-3.84	54.0	-13.36	AV	28.00	400	Horizontal	Pass
3	5218.600	105.16	-3.00	--	--	Peak	331.00	200	Horizontal	N/A
3**	5218.600	102.29	-3.00	--	--	AV	331.00	200	Horizontal	N/A
4	7355.350	50.48	-4.03	74.0	-23.52	Peak	292.00	200	Horizontal	Pass
4**	7355.350	40.96	-4.03	54.0	-13.04	AV	292.00	200	Horizontal	Pass
5	12542.713	53.13	1.33	74.0	-20.87	Peak	260.00	200	Horizontal	Pass
5**	12542.713	42.64	1.33	54.0	-11.36	AV	260.00	200	Horizontal	Pass
6	15617.287	54.64	1.55	74.0	-19.36	Peak	360.00	400	Horizontal	Pass
6**	15617.287	44.04	1.55	54.0	-9.96	AV	360.00	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	1496.400	40.08	-17.58	74.0	-33.92	Peak	294.00	300	Vertical	Pass
1**	1496.400	29.34	-17.58	54.0	-24.66	AV	294.00	300	Vertical	Pass
2	4353.800	49.09	-3.82	74.0	-24.91	Peak	181.00	300	Vertical	Pass
2**	4353.800	40.50	-3.82	54.0	-13.50	AV	181.00	300	Vertical	Pass
3	5218.400	104.77	-2.99	--	--	Peak	161.00	200	Vertical	N/A
3**	5218.400	101.80	-2.99	--	--	AV	161.00	200	Vertical	N/A
4	7378.925	49.94	-3.66	74.0	-24.06	Peak	360.00	300	Vertical	Pass
4**	7378.925	41.18	-3.66	54.0	-12.82	AV	360.00	300	Vertical	Pass
5	11619.838	53.53	-0.03	74.0	-20.47	Peak	63.00	150	Vertical	Pass
5**	11619.838	43.00	-0.03	54.0	-11.00	AV	63.00	150	Vertical	Pass
6	15504.151	54.72	1.26	74.0	-19.28	Peak	345.00	300	Vertical	Pass
6**	15504.151	43.84	1.26	54.0	-10.16	AV	345.00	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	1510.600	38.26	-17.58	74.0	-35.74	Peak	157.00	150	Horizontal	Pass
1**	1510.600	28.69	-17.58	54.0	-25.31	AV	157.00	150	Horizontal	Pass
2	4378.000	50.71	-4.44	74.0	-23.29	Peak	360.00	300	Horizontal	Pass
2**	4378.000	39.75	-4.44	54.0	-14.25	AV	360.00	300	Horizontal	Pass
3	5241.400	105.21	-2.70	--	--	Peak	321.00	150	Horizontal	N/A
3**	5241.400	102.25	-2.70	--	--	AV	321.00	150	Horizontal	N/A
4	7388.700	50.01	-4.06	74.0	-23.99	Peak	162.00	200	Horizontal	Pass
4**	7388.700	40.66	-4.06	54.0	-13.34	AV	162.00	200	Horizontal	Pass
5	12594.463	52.68	1.77	74.0	-21.32	Peak	290.00	150	Horizontal	Pass
5**	12594.463	43.17	1.77	54.0	-10.83	AV	290.00	150	Horizontal	Pass
6	15857.475	56.16	1.06	74.0	-17.84	Peak	288.00	100	Horizontal	Pass
6**	15857.475	46.55	1.06	54.0	-7.45	AV	288.00	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	1496.900	41.37	-17.57	74.0	-32.63	Peak	113.00	100	Vertical	Pass
1**	1496.900	29.58	-17.57	54.0	-24.42	AV	113.00	100	Vertical	Pass
2	4364.200	49.69	-3.89	74.0	-24.31	Peak	138.00	100	Vertical	Pass
2**	4364.200	41.27	-3.89	54.0	-12.73	AV	138.00	100	Vertical	Pass
3	5241.200	105.85	-2.70	--	--	Peak	161.00	150	Vertical	N/A
3**	5241.200	102.96	-2.70	--	--	AV	161.00	150	Vertical	N/A
4	7380.650	50.51	-3.65	74.0	-23.49	Peak	294.00	400	Vertical	Pass
4**	7380.650	40.59	-3.65	54.0	-13.41	AV	294.00	400	Vertical	Pass
5	12217.263	53.75	1.20	74.0	-20.25	Peak	178.00	100	Vertical	Pass
5**	12217.263	43.85	1.20	54.0	-10.15	AV	178.00	100	Vertical	Pass
6	16101.075	55.15	1.15	74.0	-18.85	Peak	229.00	100	Vertical	Pass
6**	16101.075	46.25	1.15	54.0	-7.75	AV	229.00	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	1452.800	38.52	-17.40	74.0	-35.48	Peak	2.00	150	Horizontal	Pass
1**	1452.800	29.11	-17.40	54.0	-24.89	AV	2.00	150	Horizontal	Pass
2	4229.400	49.00	-4.55	74.0	-25.00	Peak	196.00	150	Horizontal	Pass
2**	4229.400	40.64	-4.55	54.0	-13.36	AV	196.00	150	Horizontal	Pass
3	5181.400	104.77	-2.71	--	--	Peak	333.00	100	Horizontal	N/A
3**	5181.400	101.95	-2.71	--	--	AV	333.00	100	Horizontal	N/A
4	7336.663	49.78	-3.46	74.0	-24.22	Peak	78.00	400	Horizontal	Pass
4**	7336.663	41.62	-3.46	54.0	-12.38	AV	78.00	400	Horizontal	Pass
5	12208.925	52.85	0.98	74.0	-21.15	Peak	259.00	200	Horizontal	Pass
5**	12208.925	44.46	0.98	54.0	-9.54	AV	259.00	200	Horizontal	Pass
6	15888.451	54.84	0.19	74.0	-19.16	Peak	326.00	400	Horizontal	Pass
6**	15888.451	44.86	0.19	54.0	-9.14	AV	326.00	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	1601.900	38.46	-17.64	74.0	-35.54	Peak	16.00	300	Vertical	Pass
1**	1601.900	28.77	-17.64	54.0	-25.23	AV	16.00	300	Vertical	Pass
2	4359.800	50.23	-3.77	74.0	-23.77	Peak	126.00	200	Vertical	Pass
2**	4359.800	40.61	-3.77	54.0	-13.39	AV	126.00	200	Vertical	Pass
3	5181.400	104.17	-2.71	--	--	Peak	158.00	100	Vertical	N/A
3**	5181.400	101.26	-2.71	--	--	AV	158.00	100	Vertical	N/A
4	7340.400	49.75	-3.55	74.0	-24.25	Peak	208.00	400	Vertical	Pass
4**	7340.400	40.59	-3.55	54.0	-13.41	AV	208.00	400	Vertical	Pass
5	12227.613	52.72	1.31	74.0	-21.28	Peak	341.00	200	Vertical	Pass
5**	12227.613	44.30	1.31	54.0	-9.70	AV	341.00	200	Vertical	Pass
6	15634.875	55.72	1.56	74.0	-18.28	Peak	156.00	300	Vertical	Pass
6**	15634.875	45.44	1.56	54.0	-8.56	AV	156.00	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	1568.400	39.11	-17.51	74.0	-34.89	Peak	301.00	300	Horizontal	Pass
1**	1568.400	29.47	-17.51	54.0	-24.53	AV	301.00	300	Horizontal	Pass
2	4223.800	49.24	-4.82	74.0	-24.76	Peak	14.00	200	Horizontal	Pass
2**	4223.800	40.01	-4.82	54.0	-13.99	AV	14.00	200	Horizontal	Pass
3	5218.400	104.96	-2.99	--	--	Peak	322.00	200	Horizontal	N/A
3**	5218.400	101.96	-2.99	--	--	AV	322.00	200	Horizontal	N/A
4	7339.537	49.49	-3.50	74.0	-24.51	Peak	243.00	400	Horizontal	Pass
4**	7339.537	41.41	-3.50	54.0	-12.59	AV	243.00	400	Horizontal	Pass
5	12607.400	53.27	1.90	74.0	-20.73	Peak	294.00	200	Horizontal	Pass
5**	12607.400	43.12	1.90	54.0	-10.88	AV	294.00	200	Horizontal	Pass
6	15628.575	55.63	1.71	74.0	-18.37	Peak	289.00	400	Horizontal	Pass
6**	15628.575	46.03	1.71	54.0	-7.97	AV	289.00	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	1462.100	38.61	-17.38	74.0	-35.39	Peak	140.00	300	Vertical	Pass
1**	1462.100	29.17	-17.38	54.0	-24.83	AV	140.00	300	Vertical	Pass
2	4355.600	49.64	-3.71	74.0	-24.36	Peak	301.00	400	Vertical	Pass
2**	4355.600	40.83	-3.71	54.0	-13.17	AV	301.00	400	Vertical	Pass
3	5221.400	104.61	-3.04	--	--	Peak	164.00	100	Vertical	N/A
3**	5221.400	101.69	-3.04	--	--	AV	164.00	100	Vertical	N/A
4	7346.438	49.79	-3.82	74.0	-24.21	Peak	130.00	200	Vertical	Pass
4**	7346.438	40.12	-3.82	54.0	-13.88	AV	130.00	200	Vertical	Pass
5	12433.463	52.55	1.65	74.0	-21.45	Peak	329.00	200	Vertical	Pass
5**	12433.463	43.04	1.65	54.0	-10.96	AV	329.00	200	Vertical	Pass
6	15633.299	56.22	1.60	74.0	-17.78	Peak	194.00	300	Vertical	Pass
6**	15633.299	45.49	1.60	54.0	-8.51	AV	194.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.800	38.28	-17.51	74.0	-35.72	Peak	360.00	150	Horizontal	Pass
1**	1545.800	29.40	-17.51	54.0	-24.60	AV	360.00	150	Horizontal	Pass
2	4357.600	49.45	-3.74	74.0	-24.55	Peak	32.00	300	Horizontal	Pass
2**	4357.600	40.97	-3.74	54.0	-13.03	AV	32.00	300	Horizontal	Pass
3	5241.600	105.23	-2.70	--	--	Peak	319.00	200	Horizontal	N/A
3**	5241.600	102.21	-2.70	--	--	AV	319.00	200	Horizontal	N/A
4	7361.962	49.66	-4.01	74.0	-24.34	Peak	79.00	300	Horizontal	Pass
4**	7361.962	41.01	-4.01	54.0	-12.99	AV	79.00	300	Horizontal	Pass
5	11941.838	53.31	1.63	74.0	-20.69	Peak	326.00	150	Horizontal	Pass
5**	11941.838	43.73	1.63	54.0	-10.27	AV	326.00	150	Horizontal	Pass
6	15838.576	55.43	1.45	74.0	-18.57	Peak	138.00	300	Horizontal	Pass
6**	15838.576	46.98	1.45	54.0	-7.02	AV	138.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.900	40.34	-17.57	74.0	-33.66	Peak	112.00	200	Vertical	Pass
1**	1493.900	30.59	-17.57	54.0	-23.41	AV	112.00	200	Vertical	Pass
2	4236.600	49.77	-4.73	74.0	-24.23	Peak	122.00	400	Vertical	Pass
2**	4236.600	40.25	-4.73	54.0	-13.75	AV	122.00	400	Vertical	Pass
3	5241.200	105.75	-2.70	--	--	Peak	155.00	150	Vertical	N/A
3**	5241.200	102.78	-2.70	--	--	AV	155.00	150	Vertical	N/A
4	7390.712	49.24	-4.03	74.0	-24.76	Peak	292.00	300	Vertical	Pass
4**	7390.712	40.62	-4.03	54.0	-13.38	AV	292.00	300	Vertical	Pass
5	12329.675	52.72	1.42	74.0	-21.28	Peak	162.00	150	Vertical	Pass
5**	12329.675	43.43	1.42	54.0	-10.57	AV	162.00	150	Vertical	Pass
6	16081.125	56.21	1.62	74.0	-17.79	Peak	81.00	200	Vertical	Pass
6**	16081.125	46.73	1.62	54.0	-7.27	AV	81.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.200	38.54	-17.51	74.0	-35.46	Peak	360.00	300	Horizontal	Pass
1**	1529.200	29.03	-17.51	54.0	-24.97	AV	360.00	300	Horizontal	Pass
2	3968.400	49.24	-4.98	74.0	-24.76	Peak	83.00	400	Horizontal	Pass
2**	3968.400	39.64	-4.98	54.0	-14.36	AV	83.00	400	Horizontal	Pass
3	5181.800	100.62	-2.71	--	--	Peak	344.00	200	Horizontal	N/A
3**	5181.800	97.75	-2.71	--	--	AV	344.00	200	Horizontal	N/A
4	7393.013	49.94	-4.18	74.0	-24.06	Peak	0.00	200	Horizontal	Pass
4**	7393.013	39.81	-4.18	54.0	-14.19	AV	0.00	200	Horizontal	Pass
5	12625.225	53.11	1.59	74.0	-20.89	Peak	18.00	100	Horizontal	Pass
5**	12625.225	43.37	1.59	54.0	-10.63	AV	18.00	100	Horizontal	Pass
6	16085.325	55.48	1.52	74.0	-18.52	Peak	54.00	100	Horizontal	Pass
6**	16085.325	46.09	1.52	54.0	-7.91	AV	54.00	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	1508.400	39.23	-17.61	74.0	-34.77	Peak	47.00	400	Vertical	Pass
1**	1508.400	30.42	-17.61	54.0	-23.58	AV	47.00	400	Vertical	Pass
2	4364.000	49.52	-3.88	74.0	-24.48	Peak	190.00	300	Vertical	Pass
2**	4364.000	41.07	-3.88	54.0	-12.93	AV	190.00	300	Vertical	Pass
3	5181.600	100.21	-2.71	--	--	Peak	170.00	200	Vertical	N/A
3**	5181.600	97.32	-2.71	--	--	AV	170.00	200	Vertical	N/A
4	7352.475	50.42	-3.84	74.0	-23.58	Peak	283.00	300	Vertical	Pass
4**	7352.475	40.28	-3.84	54.0	-13.72	AV	283.00	300	Vertical	Pass
5	12555.938	53.10	1.60	74.0	-20.90	Peak	86.00	150	Vertical	Pass
5**	12555.938	42.81	1.60	54.0	-11.19	AV	86.00	150	Vertical	Pass
6	15879.262	55.74	0.28	74.0	-18.26	Peak	72.00	300	Vertical	Pass
6**	15879.262	45.43	0.28	54.0	-8.57	AV	72.00	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	1609.500	38.53	-17.73	74.0	-35.47	Peak	154.00	100	Horizontal	Pass
1**	1609.500	28.72	-17.73	54.0	-25.28	AV	154.00	100	Horizontal	Pass
2	4378.600	49.76	-4.46	74.0	-24.24	Peak	0.00	300	Horizontal	Pass
2**	4378.600	40.51	-4.46	54.0	-13.49	AV	0.00	300	Horizontal	Pass
3	5238.400	100.67	-2.73	--	--	Peak	320.00	100	Horizontal	N/A
3**	5238.400	97.82	-2.73	--	--	AV	320.00	100	Horizontal	N/A
4	7343.275	49.93	-3.59	74.0	-24.07	Peak	360.00	300	Horizontal	Pass
4**	7343.275	40.75	-3.59	54.0	-13.25	AV	360.00	300	Horizontal	Pass
5	12565.713	53.52	1.71	74.0	-20.48	Peak	195.00	100	Horizontal	Pass
5**	12565.713	43.20	1.71	54.0	-10.80	AV	195.00	100	Horizontal	Pass
6	16098.187	55.09	1.25	74.0	-18.91	Peak	326.00	400	Horizontal	Pass
6**	16098.187	45.69	1.25	54.0	-8.31	AV	326.00	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	1549.500	38.80	-17.48	74.0	-35.20	Peak	50.00	300	Vertical	Pass
1**	1549.500	29.53	-17.48	54.0	-24.47	AV	50.00	300	Vertical	Pass
2	4268.200	49.49	-4.52	74.0	-24.51	Peak	290.00	300	Vertical	Pass
2**	4268.200	40.07	-4.52	54.0	-13.93	AV	290.00	300	Vertical	Pass
3	5238.400	101.60	-2.73	--	--	Peak	171.00	200	Vertical	N/A
3**	5238.400	98.77	-2.73	--	--	AV	171.00	200	Vertical	N/A
4	7348.163	49.35	-3.85	74.0	-24.65	Peak	184.00	400	Vertical	Pass
4**	7348.163	40.50	-3.85	54.0	-13.50	AV	184.00	400	Vertical	Pass
5	12299.487	52.91	1.49	74.0	-21.09	Peak	102.00	200	Vertical	Pass
5**	12299.487	43.22	1.49	54.0	-10.78	AV	102.00	200	Vertical	Pass
6	15848.813	55.29	1.34	74.0	-18.71	Peak	189.00	150	Vertical	Pass
6**	15848.813	47.08	1.34	54.0	-6.92	AV	189.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.800	38.51	-17.54	74.0	-35.49	Peak	239.00	300	Horizontal	Pass
1**	1553.800	29.38	-17.54	54.0	-24.62	AV	239.00	300	Horizontal	Pass
2	4364.800	49.80	-3.93	74.0	-24.20	Peak	314.00	200	Horizontal	Pass
2**	4364.800	40.91	-3.93	54.0	-13.09	AV	314.00	200	Horizontal	Pass
3	5181.400	105.10	-2.71	--	--	Peak	345.00	150	Horizontal	N/A
3**	5181.400	102.19	-2.71	--	--	AV	345.00	150	Horizontal	N/A
4	7338.675	49.67	-3.53	74.0	-24.33	Peak	2.00	300	Horizontal	Pass
4**	7338.675	40.58	-3.53	54.0	-13.42	AV	2.00	300	Horizontal	Pass
5	12221.000	52.79	1.24	74.0	-21.21	Peak	52.00	150	Horizontal	Pass
5**	12221.000	43.61	1.24	54.0	-10.39	AV	52.00	150	Horizontal	Pass
6	15854.325	54.85	1.21	74.0	-19.15	Peak	112.00	400	Horizontal	Pass
6**	15854.325	45.62	1.21	54.0	-8.38	AV	112.00	400	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	1495.200	39.55	-17.58	74.0	-34.45	Peak	16.00	400	Vertical	Pass
1**	1495.200	28.82	-17.58	54.0	-25.18	AV	16.00	400	Vertical	Pass
2	4291.000	49.42	-5.00	74.0	-24.58	Peak	72.00	200	Vertical	Pass
2**	4291.000	40.33	-5.00	54.0	-13.67	AV	72.00	200	Vertical	Pass
3	5181.400	104.54	-2.71	--	--	Peak	170.00	100	Vertical	N/A
3**	5181.400	101.56	-2.71	--	--	AV	170.00	100	Vertical	N/A
4	7380.075	49.57	-3.60	74.0	-24.43	Peak	24.00	200	Vertical	Pass
4**	7380.075	40.70	-3.60	54.0	-13.30	AV	24.00	200	Vertical	Pass
5	12621.487	52.96	1.73	74.0	-21.04	Peak	219.00	150	Vertical	Pass
5**	12621.487	43.56	1.73	54.0	-10.44	AV	219.00	150	Vertical	Pass
6	15849.600	55.35	1.33	74.0	-18.65	Peak	74.00	200	Vertical	Pass
6**	15849.600	45.76	1.33	54.0	-8.24	AV	74.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.900	38.30	-17.58	74.0	-35.70	Peak	0.00	400	Horizontal	Pass
1**	1604.900	28.99	-17.58	54.0	-25.01	AV	0.00	400	Horizontal	Pass
2	4275.600	49.42	-4.51	74.0	-24.58	Peak	265.00	300	Horizontal	Pass
2**	4275.600	39.61	-4.51	54.0	-14.39	AV	265.00	300	Horizontal	Pass
3	5218.400	104.95	-2.99	--	--	Peak	339.00	150	Horizontal	N/A
3**	5218.400	102.05	-2.99	--	--	AV	339.00	150	Horizontal	N/A
4	7376.337	49.49	-3.74	74.0	-24.51	Peak	280.00	400	Horizontal	Pass
4**	7376.337	41.15	-3.74	54.0	-12.85	AV	280.00	400	Horizontal	Pass
5	12420.525	53.30	1.39	74.0	-20.70	Peak	16.00	150	Horizontal	Pass
5**	12420.525	43.01	1.39	54.0	-10.99	AV	16.00	150	Horizontal	Pass
6	16096.612	55.61	1.28	74.0	-18.39	Peak	17.00	400	Horizontal	Pass
6**	16096.612	46.16	1.28	54.0	-7.84	AV	17.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.000	38.57	-17.43	74.0	-35.43	Peak	297.00	400	Vertical	Pass
1**	1444.000	29.09	-17.43	54.0	-24.91	AV	297.00	400	Vertical	Pass
2	4198.400	49.39	-4.92	74.0	-24.61	Peak	60.00	300	Vertical	Pass
2**	4198.400	40.07	-4.92	54.0	-13.93	AV	60.00	300	Vertical	Pass
3	5218.800	104.67	-3.01	--	--	Peak	166.00	100	Vertical	N/A
3**	5218.800	101.77	-3.01	--	--	AV	166.00	100	Vertical	N/A
4	7412.562	49.81	-4.26	74.0	-24.19	Peak	104.00	300	Vertical	Pass
4**	7412.562	39.17	-4.26	54.0	-14.83	AV	104.00	300	Vertical	Pass
5	11627.312	52.89	-0.16	74.0	-21.11	Peak	200.00	200	Vertical	Pass
5**	11627.312	43.42	-0.16	54.0	-10.58	AV	200.00	200	Vertical	Pass
6	15834.900	55.56	1.45	74.0	-18.44	Peak	215.00	150	Vertical	Pass
6**	15834.900	45.92	1.45	54.0	-8.08	AV	215.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.100	38.63	-17.51	74.0	-35.37	Peak	38.00	100	Horizontal	Pass
1**	1568.100	29.40	-17.51	54.0	-24.60	AV	38.00	100	Horizontal	Pass
2	4362.200	50.96	-3.80	74.0	-23.04	Peak	360.00	100	Horizontal	Pass
2**	4362.200	40.97	-3.80	54.0	-13.03	AV	360.00	100	Horizontal	Pass
3	5241.800	105.43	-2.70	--	--	Peak	360.00	150	Horizontal	N/A
3**	5241.800	102.36	-2.70	--	--	AV	360.00	150	Horizontal	N/A
4	7360.813	49.38	-4.02	74.0	-24.62	Peak	81.00	200	Horizontal	Pass
4**	7360.813	41.06	-4.02	54.0	-12.94	AV	81.00	200	Horizontal	Pass
5	12555.076	54.45	1.58	74.0	-19.55	Peak	197.00	200	Horizontal	Pass
5**	12555.076	43.54	1.58	54.0	-10.46	AV	197.00	200	Horizontal	Pass
6	15827.287	55.55	1.57	74.0	-18.45	Peak	109.00	400	Horizontal	Pass
6**	15827.287	46.64	1.57	54.0	-7.36	AV	109.00	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	1467.800	38.70	-17.53	74.0	-35.30	Peak	351.00	400	Vertical	Pass
1**	1467.800	29.62	-17.53	54.0	-24.38	AV	351.00	400	Vertical	Pass
2	4309.600	49.56	-4.78	74.0	-24.44	Peak	93.00	300	Vertical	Pass
2**	4309.600	40.03	-4.78	54.0	-13.97	AV	93.00	300	Vertical	Pass
3	5241.200	105.95	-2.70	--	--	Peak	168.00	150	Vertical	N/A
3**	5241.200	103.00	-2.70	--	--	AV	168.00	150	Vertical	N/A
4	7342.987	49.66	-3.61	74.0	-24.34	Peak	360.00	100	Vertical	Pass
4**	7342.987	40.67	-3.61	54.0	-13.33	AV	360.00	100	Vertical	Pass
5	12261.537	53.46	1.14	74.0	-20.54	Peak	315.00	200	Vertical	Pass
5**	12261.537	43.37	1.14	54.0	-10.63	AV	315.00	200	Vertical	Pass
6	16085.850	55.31	1.51	74.0	-18.69	Peak	1.00	200	Vertical	Pass
6**	16085.850	45.20	1.51	54.0	-8.80	AV	1.00	200	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	1482.400	38.47	-17.55	74.0	-35.53	Peak	2.00	400	Horizontal	Pass
1**	1482.400	28.90	-17.55	54.0	-25.10	AV	2.00	400	Horizontal	Pass
2	4359.800	50.38	-3.77	74.0	-23.62	Peak	351.00	300	Horizontal	Pass
2**	4359.800	40.80	-3.77	54.0	-13.20	AV	351.00	300	Horizontal	Pass
3	5181.600	100.86	-2.71	--	--	Peak	341.00	100	Horizontal	N/A
3**	5181.600	97.82	-2.71	--	--	AV	341.00	100	Horizontal	N/A
4	7352.475	49.99	-3.84	74.0	-24.01	Peak	51.00	400	Horizontal	Pass
4**	7352.475	40.65	-3.84	54.0	-13.35	AV	51.00	400	Horizontal	Pass
5	12541.563	53.03	1.31	74.0	-20.97	Peak	183.00	150	Horizontal	Pass
5**	12541.563	42.43	1.31	54.0	-11.57	AV	183.00	150	Horizontal	Pass
6	16134.938	55.94	1.07	74.0	-18.06	Peak	246.00	150	Horizontal	Pass
6**	16134.938	46.32	1.07	54.0	-7.68	AV	246.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	38.91	-17.58	74.0	-35.09	Peak	117.00	100	Vertical	Pass
1**	1496.000	28.60	-17.58	54.0	-25.40	AV	117.00	100	Vertical	Pass
2	4362.600	49.64	-3.81	74.0	-24.36	Peak	332.00	200	Vertical	Pass
2**	4362.600	40.70	-3.81	54.0	-13.30	AV	332.00	200	Vertical	Pass
3	5181.800	100.10	-2.71	--	--	Peak	168.00	200	Vertical	N/A
3**	5181.800	97.09	-2.71	--	--	AV	168.00	200	Vertical	N/A
4	7337.525	50.06	-3.54	74.0	-23.94	Peak	134.00	400	Vertical	Pass
4**	7337.525	41.29	-3.54	54.0	-12.71	AV	134.00	400	Vertical	Pass
5	11643.987	53.13	-0.21	74.0	-20.87	Peak	250.00	100	Vertical	Pass
5**	11643.987	43.40	-0.21	54.0	-10.60	AV	250.00	100	Vertical	Pass
6	16085.063	55.55	1.53	74.0	-18.45	Peak	205.00	300	Vertical	Pass
6**	16085.063	45.90	1.53	54.0	-8.10	AV	205.00	300	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	1524.000	38.33	-17.51	74.0	-35.67	Peak	239.00	150	Horizontal	Pass
1**	1524.000	29.69	-17.51	54.0	-24.31	AV	239.00	150	Horizontal	Pass
2	4351.800	50.77	-3.96	74.0	-23.23	Peak	304.00	200	Horizontal	Pass
2**	4351.800	40.97	-3.96	54.0	-13.03	AV	304.00	200	Horizontal	Pass
3	5238.600	100.74	-2.73	--	--	Peak	325.00	100	Horizontal	N/A
3**	5238.600	97.81	-2.73	--	--	AV	325.00	100	Horizontal	N/A
4	7363.975	49.89	-4.01	74.0	-24.11	Peak	137.00	300	Horizontal	Pass
4**	7363.975	40.88	-4.01	54.0	-13.12	AV	137.00	300	Horizontal	Pass
5	12237.963	53.07	1.10	74.0	-20.93	Peak	120.00	200	Horizontal	Pass
5**	12237.963	43.34	1.10	54.0	-10.66	AV	120.00	200	Horizontal	Pass
6	15858.000	55.37	1.03	74.0	-18.63	Peak	112.00	150	Horizontal	Pass
6**	15858.000	46.62	1.03	54.0	-7.38	AV	112.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.700	39.19	-17.59	74.0	-34.81	Peak	177.00	400	Vertical	Pass
1**	1573.700	29.35	-17.59	54.0	-24.65	AV	177.00	400	Vertical	Pass
2	4286.600	49.98	-4.87	74.0	-24.02	Peak	277.00	200	Vertical	Pass
2**	4286.600	40.55	-4.87	54.0	-13.45	AV	277.00	200	Vertical	Pass
3	5238.400	101.81	-2.73	--	--	Peak	169.00	100	Vertical	N/A
3**	5238.400	98.95	-2.73	--	--	AV	169.00	100	Vertical	N/A
4	7339.825	49.10	-3.50	74.0	-24.90	Peak	248.00	300	Vertical	Pass
4**	7339.825	40.59	-3.50	54.0	-13.41	AV	248.00	300	Vertical	Pass
5	11614.662	53.21	-0.07	74.0	-20.79	Peak	232.00	150	Vertical	Pass
5**	11614.662	43.63	-0.07	54.0	-10.37	AV	232.00	150	Vertical	Pass
6	16013.924	55.37	0.47	74.0	-18.63	Peak	128.00	300	Vertical	Pass
6**	16013.924	46.03	0.47	54.0	-7.97	AV	128.00	300	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	1535.400	38.23	-17.48	74.0	-35.77	Peak	173.00	150	Horizontal	Pass
1**	1535.400	28.88	-17.48	54.0	-25.12	AV	173.00	150	Horizontal	Pass
2	3944.400	48.26	-5.26	74.0	-25.74	Peak	263.00	150	Horizontal	Pass
2**	3944.400	38.48	-5.26	54.0	-15.52	AV	263.00	150	Horizontal	Pass
3	5201.800	100.93	-2.59	--	--	Peak	338.00	150	Horizontal	N/A
3**	5201.800	97.98	-2.59	--	--	AV	338.00	150	Horizontal	N/A
4	7353.050	49.62	-3.87	74.0	-24.38	Peak	267.00	100	Horizontal	Pass
4**	7353.050	40.40	-3.87	54.0	-13.60	AV	267.00	100	Horizontal	Pass
5	12339.738	53.60	1.29	74.0	-20.40	Peak	0.00	200	Horizontal	Pass
5**	12339.738	43.22	1.29	54.0	-10.78	AV	0.00	200	Horizontal	Pass
6	15854.850	56.08	1.20	74.0	-17.92	Peak	360.00	150	Horizontal	Pass
6**	15854.850	46.67	1.20	54.0	-7.33	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.100	38.50	-17.53	74.0	-35.50	Peak	4.00	150	Vertical	Pass
1**	1548.100	28.61	-17.53	54.0	-25.39	AV	4.00	150	Vertical	Pass
2	4262.400	49.91	-4.67	74.0	-24.09	Peak	355.00	100	Vertical	Pass
2**	4262.400	39.97	-4.67	54.0	-14.03	AV	355.00	100	Vertical	Pass
3	5218.200	100.41	-2.97	--	--	Peak	172.00	150	Vertical	N/A
3**	5218.200	97.51	-2.97	--	--	AV	172.00	150	Vertical	N/A
4	7364.263	49.54	-4.01	74.0	-24.46	Peak	82.00	100	Vertical	Pass
4**	7364.263	40.65	-4.01	54.0	-13.35	AV	82.00	100	Vertical	Pass
5	12235.375	53.17	1.15	74.0	-20.83	Peak	296.00	200	Vertical	Pass
5**	12235.375	44.05	1.15	54.0	-9.95	AV	296.00	200	Vertical	Pass
6	15843.037	55.28	1.40	74.0	-18.72	Peak	243.00	400	Vertical	Pass
6**	15843.037	47.26	1.40	54.0	-6.74	AV	243.00	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	1501.600	38.00	-17.53	74.0	-36.00	Peak	125.00	300	Horizontal	Pass
1**	1501.600	29.00	-17.53	54.0	-25.00	AV	125.00	300	Horizontal	Pass
2	4268.600	49.60	-4.52	74.0	-24.40	Peak	228.00	400	Horizontal	Pass
2**	4268.600	39.71	-4.52	54.0	-14.29	AV	228.00	400	Horizontal	Pass
3	5747.200	105.54	-2.31	--	--	Peak	228.00	200	Horizontal	N/A
3**	5747.200	97.79	-2.31	--	--	AV	228.00	200	Horizontal	N/A
4	7387.837	49.02	-4.01	74.0	-24.98	Peak	12.00	300	Horizontal	Pass
4**	7387.837	40.28	-4.01	54.0	-13.72	AV	12.00	300	Horizontal	Pass
5	12292.300	53.06	1.62	74.0	-20.94	Peak	331.00	200	Horizontal	Pass
5**	12292.300	43.72	1.62	54.0	-10.28	AV	331.00	200	Horizontal	Pass
6	15849.862	55.67	1.33	74.0	-18.33	Peak	144.00	400	Horizontal	Pass
6**	15849.862	46.79	1.33	54.0	-7.21	AV	144.00	400	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	1557.800	38.76	-17.54	74.0	-35.24	Peak	336.00	400	Vertical	Pass
1**	1557.800	28.56	-17.54	54.0	-25.44	AV	336.00	400	Vertical	Pass
2	4372.200	50.20	-4.39	74.0	-23.80	Peak	101.00	300	Vertical	Pass
2**	4372.200	40.76	-4.39	54.0	-13.24	AV	101.00	300	Vertical	Pass
3	5740.000	105.93	-2.34	--	--	Peak	132.00	100	Vertical	N/A
3**	5740.000	98.01	-2.34	--	--	AV	132.00	100	Vertical	N/A
4	7330.050	49.26	-3.60	74.0	-24.74	Peak	253.00	300	Vertical	Pass
4**	7330.050	39.56	-3.60	54.0	-14.44	AV	253.00	300	Vertical	Pass
5	12260.963	53.30	1.12	74.0	-20.70	Peak	285.00	200	Vertical	Pass
5**	12260.963	44.08	1.12	54.0	-9.92	AV	285.00	200	Vertical	Pass
6	16122.599	55.45	0.71	74.0	-18.55	Peak	325.00	300	Vertical	Pass
6**	16122.599	45.64	0.71	54.0	-8.36	AV	325.00	300	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	1567.500	38.81	-17.52	74.0	-35.19	Peak	197.00	400	Horizontal	Pass
1**	1567.500	28.31	-17.52	54.0	-25.69	AV	197.00	400	Horizontal	Pass
2	4327.400	49.64	-4.44	74.0	-24.36	Peak	300.00	300	Horizontal	Pass
2**	4327.400	40.23	-4.44	54.0	-13.77	AV	300.00	300	Horizontal	Pass
3	5781.800	104.91	-2.15	--	--	Peak	229.00	200	Horizontal	N/A
3**	5781.800	97.37	-2.15	--	--	AV	229.00	200	Horizontal	N/A
4	7364.550	49.37	-4.02	74.0	-24.63	Peak	44.00	300	Horizontal	Pass
4**	7364.550	40.46	-4.02	54.0	-13.54	AV	44.00	300	Horizontal	Pass
5	12303.513	53.19	1.41	74.0	-20.81	Peak	360.00	150	Horizontal	Pass
5**	12303.513	43.06	1.41	54.0	-10.94	AV	360.00	150	Horizontal	Pass
6	16129.162	55.98	0.98	74.0	-18.02	Peak	145.00	100	Horizontal	Pass
6**	16129.162	46.50	0.98	54.0	-7.50	AV	145.00	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	1568.400	38.57	-17.51	74.0	-35.43	Peak	254.00	400	Vertical	Pass
1**	1568.400	29.10	-17.51	54.0	-24.90	AV	254.00	400	Vertical	Pass
2	4357.000	49.51	-3.70	74.0	-24.49	Peak	200.00	400	Vertical	Pass
2**	4357.000	41.01	-3.70	54.0	-12.99	AV	200.00	400	Vertical	Pass
3	5786.600	104.51	-2.47	--	--	Peak	127.00	150	Vertical	N/A
3**	5786.600	96.79	-2.47	--	--	AV	127.00	150	Vertical	N/A
4	7621.287	49.41	-3.01	74.0	-24.59	Peak	0.00	200	Vertical	Pass
4**	7621.287	39.70	-3.01	54.0	-14.30	AV	0.00	200	Vertical	Pass
5	12226.750	53.20	1.31	74.0	-20.80	Peak	349.00	200	Vertical	Pass
5**	12226.750	43.70	1.31	54.0	-10.30	AV	349.00	200	Vertical	Pass
6	16146.224	55.75	1.03	74.0	-18.25	Peak	126.00	200	Vertical	Pass
6**	16146.224	45.93	1.03	54.0	-8.07	AV	126.00	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	1455.400	38.72	-17.45	74.0	-35.28	Peak	28.00	100	Horizontal	Pass
1**	1455.400	29.03	-17.45	54.0	-24.97	AV	28.00	100	Horizontal	Pass
2	4359.400	49.78	-3.77	74.0	-24.22	Peak	83.00	300	Horizontal	Pass
2**	4359.400	41.16	-3.77	54.0	-12.84	AV	83.00	300	Horizontal	Pass
3	5822.800	106.20	-2.41	--	--	Peak	228.00	150	Horizontal	N/A
3**	5822.800	98.31	-2.41	--	--	AV	228.00	150	Horizontal	N/A
4	7375.475	48.76	-3.74	74.0	-25.24	Peak	76.00	300	Horizontal	Pass
4**	7375.475	41.53	-3.74	54.0	-12.47	AV	76.00	300	Horizontal	Pass
5	12248.887	53.08	0.97	74.0	-20.92	Peak	154.00	100	Horizontal	Pass
5**	12248.887	43.58	0.97	54.0	-10.42	AV	154.00	100	Horizontal	Pass
6	15840.675	55.39	1.44	74.0	-18.61	Peak	161.00	300	Horizontal	Pass
6**	15840.675	46.59	1.44	54.0	-7.41	AV	161.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	38.96	-17.55	74.0	-35.04	Peak	111.00	100	Vertical	Pass
1**	1497.700	32.28	-17.55	54.0	-21.72	AV	111.00	100	Vertical	Pass
2	4361.800	50.16	-3.78	74.0	-23.84	Peak	0.00	400	Vertical	Pass
2**	4361.800	41.15	-3.78	54.0	-12.85	AV	0.00	400	Vertical	Pass
3	5828.400	106.48	-2.26	--	--	Peak	129.00	150	Vertical	N/A
3**	5828.400	98.78	-2.26	--	--	AV	129.00	150	Vertical	N/A
4	7683.100	49.28	-2.78	74.0	-24.72	Peak	191.00	300	Vertical	Pass
4**	7683.100	40.80	-2.78	54.0	-13.20	AV	191.00	300	Vertical	Pass
5	12266.138	52.67	1.33	74.0	-21.33	Peak	303.00	100	Vertical	Pass
5**	12266.138	43.54	1.33	54.0	-10.46	AV	303.00	100	Vertical	Pass
6	15625.425	56.26	1.72	74.0	-17.74	Peak	200.00	100	Vertical	Pass
6**	15625.425	46.11	1.72	54.0	-7.89	AV	200.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.300	38.77	-17.59	74.0	-35.23	Peak	3.00	300	Horizontal	Pass
1**	1531.300	29.28	-17.59	54.0	-24.72	AV	3.00	300	Horizontal	Pass
2	4364.400	49.55	-3.90	74.0	-24.45	Peak	69.00	200	Horizontal	Pass
2**	4364.400	41.68	-3.90	54.0	-12.32	AV	69.00	200	Horizontal	Pass
3	5748.600	112.52	-2.16	--	--	Peak	289.00	150	Horizontal	N/A
3**	5748.600	104.81	-2.16	--	--	AV	289.00	150	Horizontal	N/A
4	7350.462	49.60	-3.88	74.0	-24.40	Peak	201.00	100	Horizontal	Pass
4**	7350.462	40.19	-3.88	54.0	-13.81	AV	201.00	100	Horizontal	Pass
5	12230.776	53.06	1.28	74.0	-20.94	Peak	0.00	200	Horizontal	Pass
5**	12230.776	43.87	1.28	54.0	-10.13	AV	0.00	200	Horizontal	Pass
6	15623.850	55.87	1.70	74.0	-18.13	Peak	170.00	100	Horizontal	Pass
6**	15623.850	46.00	1.70	54.0	-8.00	AV	170.00	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	1610.100	38.21	-17.74	74.0	-35.79	Peak	0.00	100	Vertical	Pass
1**	1610.100	29.33	-17.74	54.0	-24.67	AV	0.00	100	Vertical	Pass
2	4365.600	50.25	-4.00	74.0	-23.75	Peak	0.00	100	Vertical	Pass
2**	4365.600	41.37	-4.00	54.0	-12.63	AV	0.00	100	Vertical	Pass
3	5748.800	106.24	-2.16	--	--	Peak	163.00	150	Vertical	N/A
3**	5748.800	99.16	-2.16	--	--	AV	163.00	150	Vertical	N/A
4	7291.237	49.05	-3.61	74.0	-24.95	Peak	332.00	100	Vertical	Pass
4**	7291.237	40.65	-3.61	54.0	-13.35	AV	332.00	100	Vertical	Pass
5	12225.599	54.02	1.31	74.0	-19.98	Peak	300.00	150	Vertical	Pass
5**	12225.599	44.59	1.31	54.0	-9.41	AV	300.00	150	Vertical	Pass
6	15851.700	55.82	1.28	74.0	-18.18	Peak	107.00	100	Vertical	Pass
6**	15851.700	47.78	1.28	54.0	-6.22	AV	107.00	100	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	1464.500	38.61	-17.60	74.0	-35.39	Peak	67.00	300	Horizontal	Pass
1**	1464.500	28.45	-17.60	54.0	-25.55	AV	67.00	300	Horizontal	Pass
2	4351.000	50.24	-3.99	74.0	-23.76	Peak	152.00	400	Horizontal	Pass
2**	4351.000	40.84	-3.99	54.0	-13.16	AV	152.00	400	Horizontal	Pass
3	5792.000	110.83	-2.56	--	--	Peak	320.00	150	Horizontal	N/A
3**	5792.000	102.71	-2.56	--	--	AV	320.00	150	Horizontal	N/A
4	7508.300	50.31	-3.60	74.0	-23.69	Peak	140.00	300	Horizontal	Pass
4**	7508.300	39.06	-3.60	54.0	-14.94	AV	140.00	300	Horizontal	Pass
5	11725.924	53.25	0.86	74.0	-20.75	Peak	108.00	200	Horizontal	Pass
5**	11725.924	43.29	0.86	54.0	-10.71	AV	108.00	200	Horizontal	Pass
6	16074.037	55.39	1.50	74.0	-18.61	Peak	256.00	300	Horizontal	Pass
6**	16074.037	46.07	1.50	54.0	-7.93	AV	256.00	300	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	1498.400	38.59	-17.54	74.0	-35.41	Peak	60.00	100	Vertical	Pass
1**	1498.400	28.42	-17.54	54.0	-25.58	AV	60.00	100	Vertical	Pass
2	4368.600	49.78	-4.29	74.0	-24.22	Peak	215.00	200	Vertical	Pass
2**	4368.600	40.76	-4.29	54.0	-13.24	AV	215.00	200	Vertical	Pass
3	5789.000	105.76	-2.48	--	--	Peak	360.00	100	Vertical	N/A
3**	5789.000	97.65	-2.48	--	--	AV	360.00	100	Vertical	N/A
4	7669.587	49.43	-2.26	74.0	-24.57	Peak	77.00	100	Vertical	Pass
4**	7669.587	39.60	-2.26	54.0	-14.40	AV	77.00	100	Vertical	Pass
5	11951.612	53.21	1.32	74.0	-20.79	Peak	349.00	200	Vertical	Pass
5**	11951.612	43.77	1.32	54.0	-10.23	AV	349.00	200	Vertical	Pass
6	16086.375	55.32	1.50	74.0	-18.68	Peak	106.00	200	Vertical	Pass
6**	16086.375	46.43	1.50	54.0	-7.57	AV	106.00	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	1495.900	39.40	-17.58	74.0	-34.60	Peak	327.00	300	Horizontal	Pass
1**	1495.900	28.60	-17.58	54.0	-25.40	AV	327.00	300	Horizontal	Pass
2	4372.600	49.81	-4.38	74.0	-24.19	Peak	161.00	300	Horizontal	Pass
2**	4372.600	40.68	-4.38	54.0	-13.32	AV	161.00	300	Horizontal	Pass
3	5826.600	111.44	-2.35	--	--	Peak	326.00	100	Horizontal	N/A
3**	5826.600	104.49	-2.35	--	--	AV	326.00	100	Horizontal	N/A
4	7682.237	49.06	-2.68	74.0	-24.94	Peak	8.00	200	Horizontal	Pass
4**	7682.237	39.80	-2.68	54.0	-14.20	AV	8.00	200	Horizontal	Pass
5	12244.000	52.86	1.02	74.0	-21.14	Peak	236.00	100	Horizontal	Pass
5**	12244.000	43.07	1.02	54.0	-10.93	AV	236.00	100	Horizontal	Pass
6	15868.237	55.67	0.69	74.0	-18.33	Peak	254.00	300	Horizontal	Pass
6**	15868.237	45.92	0.69	54.0	-8.08	AV	254.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.000	38.66	-17.58	74.0	-35.34	Peak	124.00	400	Vertical	Pass
1**	1507.000	29.14	-17.58	54.0	-24.86	AV	124.00	400	Vertical	Pass
2	4375.000	50.31	-4.41	74.0	-23.69	Peak	215.00	200	Vertical	Pass
2**	4375.000	40.80	-4.41	54.0	-13.20	AV	215.00	200	Vertical	Pass
3	5831.400	107.21	-2.10	--	--	Peak	162.00	200	Vertical	N/A
3**	5831.400	99.48	-2.10	--	--	AV	162.00	200	Vertical	N/A
4	7323.150	49.76	-3.60	74.0	-24.24	Peak	187.00	100	Vertical	Pass
4**	7323.150	41.00	-3.60	54.0	-13.00	AV	187.00	100	Vertical	Pass
5	12556.225	53.75	1.61	74.0	-20.25	Peak	234.00	200	Vertical	Pass
5**	12556.225	43.60	1.61	54.0	-10.40	AV	234.00	200	Vertical	Pass
6	16017.338	55.90	0.50	74.0	-18.10	Peak	51.00	100	Vertical	Pass
6**	16017.338	46.54	0.50	54.0	-7.46	AV	51.00	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	1546.500	38.31	-17.53	74.0	-35.69	Peak	360.00	200	Horizontal	Pass
1**	1546.500	28.98	-17.53	54.0	-25.02	AV	360.00	200	Horizontal	Pass
2	4356.000	50.39	-3.69	74.0	-23.61	Peak	214.00	400	Horizontal	Pass
2**	4356.000	41.40	-3.69	54.0	-12.60	AV	214.00	400	Horizontal	Pass
3	5763.400	103.73	-1.84	--	--	Peak	246.00	100	Horizontal	N/A
3**	5763.400	95.68	-1.84	--	--	AV	246.00	100	Horizontal	N/A
4	7669.875	49.42	-2.32	74.0	-24.58	Peak	219.00	300	Horizontal	Pass
4**	7669.875	40.38	-2.32	54.0	-13.62	AV	219.00	300	Horizontal	Pass
5	12212.662	53.21	1.11	74.0	-20.79	Peak	75.00	200	Horizontal	Pass
5**	12212.662	43.94	1.11	54.0	-10.06	AV	75.00	200	Horizontal	Pass
6	16074.037	55.62	1.50	74.0	-18.38	Peak	274.00	300	Horizontal	Pass
6**	16074.037	46.32	1.50	54.0	-7.68	AV	274.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.500	38.60	-17.51	74.0	-35.40	Peak	68.00	200	Vertical	Pass
1**	1539.500	29.93	-17.51	54.0	-24.07	AV	68.00	200	Vertical	Pass
2	4356.400	50.15	-3.66	74.0	-23.85	Peak	6.00	400	Vertical	Pass
2**	4356.400	41.29	-3.66	54.0	-12.71	AV	6.00	400	Vertical	Pass
3	5747.800	101.93	-2.23	--	--	Peak	164.00	100	Vertical	N/A
3**	5747.800	94.57	-2.23	--	--	AV	164.00	100	Vertical	N/A
4	7372.025	49.39	-3.85	74.0	-24.61	Peak	91.00	200	Vertical	Pass
4**	7372.025	39.91	-3.85	54.0	-14.09	AV	91.00	200	Vertical	Pass
5	12245.724	53.16	1.01	74.0	-20.84	Peak	156.00	100	Vertical	Pass
5**	12245.724	43.34	1.01	54.0	-10.66	AV	156.00	100	Vertical	Pass
6	15619.912	56.29	1.63	74.0	-17.71	Peak	301.00	150	Vertical	Pass
6**	15619.912	46.02	1.63	54.0	-7.98	AV	301.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.300	38.76	-17.60	74.0	-35.24	Peak	2.00	100	Horizontal	Pass
1**	1607.300	28.66	-17.60	54.0	-25.34	AV	2.00	100	Horizontal	Pass
2	4356.600	51.17	-3.68	74.0	-22.83	Peak	133.00	200	Horizontal	Pass
2**	4356.600	42.03	-3.68	54.0	-11.97	AV	133.00	200	Horizontal	Pass
3	5791.400	102.95	-2.57	--	--	Peak	237.00	200	Horizontal	N/A
3**	5791.400	95.21	-2.57	--	--	AV	237.00	200	Horizontal	N/A
4	7368.575	49.27	-4.06	74.0	-24.73	Peak	0.00	200	Horizontal	Pass
4**	7368.575	39.95	-4.06	54.0	-14.05	AV	0.00	200	Horizontal	Pass
5	11930.050	53.04	1.56	74.0	-20.96	Peak	0.00	200	Horizontal	Pass
5**	11930.050	43.16	1.56	54.0	-10.84	AV	0.00	200	Horizontal	Pass
6	16089.263	56.02	1.45	74.0	-17.98	Peak	272.00	300	Horizontal	Pass
6**	16089.263	47.02	1.45	54.0	-6.98	AV	272.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.300	38.51	-17.58	74.0	-35.49	Peak	160.00	400	Vertical	Pass
1**	1560.300	28.58	-17.58	54.0	-25.42	AV	160.00	400	Vertical	Pass
2	4372.000	49.85	-4.39	74.0	-24.15	Peak	271.00	100	Vertical	Pass
2**	4372.000	40.38	-4.39	54.0	-13.62	AV	271.00	100	Vertical	Pass
3	5798.400	100.77	-2.75	--	--	Peak	164.00	100	Vertical	N/A
3**	5798.400	93.16	-2.75	--	--	AV	164.00	100	Vertical	N/A
4	7470.350	49.53	-3.95	74.0	-24.47	Peak	52.00	400	Vertical	Pass
4**	7470.350	39.69	-3.95	54.0	-14.31	AV	52.00	400	Vertical	Pass
5	12216.401	53.61	1.19	74.0	-20.39	Peak	117.00	150	Vertical	Pass
5**	12216.401	44.31	1.19	54.0	-9.69	AV	117.00	150	Vertical	Pass
6	15869.025	55.57	0.66	74.0	-18.43	Peak	228.00	300	Vertical	Pass
6**	15869.025	46.29	0.66	54.0	-7.71	AV	228.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.000	38.37	-17.68	74.0	-35.63	Peak	101.00	300	Horizontal	Pass
1**	1520.000	29.31	-17.68	54.0	-24.69	AV	101.00	300	Horizontal	Pass
2	4363.200	49.61	-3.84	74.0	-24.39	Peak	48.00	100	Horizontal	Pass
2**	4363.200	41.03	-3.84	54.0	-12.97	AV	48.00	100	Horizontal	Pass
3	5748.800	107.97	-2.16	--	--	Peak	235.00	100	Horizontal	N/A
3**	5748.800	99.45	-2.16	--	--	AV	235.00	100	Horizontal	N/A
4	7374.900	49.29	-3.74	74.0	-24.71	Peak	188.00	200	Horizontal	Pass
4**	7374.900	40.21	-3.74	54.0	-13.79	AV	188.00	200	Horizontal	Pass
5	12238.250	53.27	1.10	74.0	-20.73	Peak	188.00	100	Horizontal	Pass
5**	12238.250	44.41	1.10	54.0	-9.59	AV	188.00	100	Horizontal	Pass
6	16092.675	55.54	1.38	74.0	-18.46	Peak	274.00	100	Horizontal	Pass
6**	16092.675	46.50	1.38	54.0	-7.50	AV	274.00	100	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	1591.100	39.30	-17.50	74.0	-34.70	Peak	55.00	100	Vertical	Pass
1**	1591.100	29.41	-17.50	54.0	-24.59	AV	55.00	100	Vertical	Pass
2	4344.400	50.14	-4.38	74.0	-23.86	Peak	212.00	200	Vertical	Pass
2**	4344.400	40.01	-4.38	54.0	-13.99	AV	212.00	200	Vertical	Pass
3	5746.800	105.36	-2.37	--	--	Peak	138.00	100	Vertical	N/A
3**	5746.800	97.12	-2.37	--	--	AV	138.00	100	Vertical	N/A
4	7620.712	50.38	-3.01	74.0	-23.62	Peak	201.00	300	Vertical	Pass
4**	7620.712	40.51	-3.01	54.0	-13.49	AV	201.00	300	Vertical	Pass
5	12294.600	53.01	1.58	74.0	-20.99	Peak	169.00	150	Vertical	Pass
5**	12294.600	43.73	1.58	54.0	-10.27	AV	169.00	150	Vertical	Pass
6	15624.637	56.03	1.71	74.0	-17.97	Peak	144.00	100	Vertical	Pass
6**	15624.637	46.11	1.71	54.0	-7.89	AV	144.00	100	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	1492.700	38.91	-17.51	74.0	-35.09	Peak	7.00	200	Horizontal	Pass
1**	1492.700	29.24	-17.51	54.0	-24.76	AV	7.00	200	Horizontal	Pass
2	4362.000	50.59	-3.79	74.0	-23.41	Peak	194.00	100	Horizontal	Pass
2**	4362.000	41.13	-3.79	54.0	-12.87	AV	194.00	100	Horizontal	Pass
3	5787.400	106.14	-2.46	--	--	Peak	240.00	150	Horizontal	N/A
3**	5787.400	98.50	-2.46	--	--	AV	240.00	150	Horizontal	N/A
4	7463.162	50.29	-3.60	74.0	-23.71	Peak	204.00	100	Horizontal	Pass
4**	7463.162	40.34	-3.60	54.0	-13.66	AV	204.00	100	Horizontal	Pass
5	12429.438	53.14	1.54	74.0	-20.86	Peak	76.00	100	Horizontal	Pass
5**	12429.438	43.09	1.54	54.0	-10.91	AV	76.00	100	Horizontal	Pass
6	16076.137	55.86	1.56	74.0	-18.14	Peak	0.00	100	Horizontal	Pass
6**	16076.137	46.93	1.56	54.0	-7.07	AV	0.00	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	1499.000	40.33	-17.55	74.0	-33.67	Peak	125.00	400	Vertical	Pass
1**	1499.000	28.88	-17.55	54.0	-25.12	AV	125.00	400	Vertical	Pass
2	4359.400	50.00	-3.77	74.0	-24.00	Peak	345.00	300	Vertical	Pass
2**	4359.400	41.07	-3.77	54.0	-12.93	AV	345.00	300	Vertical	Pass
3	5784.000	104.52	-2.30	--	--	Peak	132.00	200	Vertical	N/A
3**	5784.000	95.91	-2.30	--	--	AV	132.00	200	Vertical	N/A
4	7347.013	48.99	-3.83	74.0	-25.01	Peak	235.00	200	Vertical	Pass
4**	7347.013	40.16	-3.83	54.0	-13.84	AV	235.00	200	Vertical	Pass
5	12340.600	52.86	1.29	74.0	-21.14	Peak	44.00	200	Vertical	Pass
5**	12340.600	43.61	1.29	54.0	-10.39	AV	44.00	200	Vertical	Pass
6	16077.187	55.64	1.58	74.0	-18.36	Peak	334.00	100	Vertical	Pass
6**	16077.187	46.38	1.58	54.0	-7.62	AV	334.00	100	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	1550.900	38.31	-17.38	74.0	-35.69	Peak	21.00	400	Horizontal	Pass
1**	1550.900	29.39	-17.38	54.0	-24.61	AV	21.00	400	Horizontal	Pass
2	4355.200	49.76	-3.73	74.0	-24.24	Peak	343.00	200	Horizontal	Pass
2**	4355.200	40.70	-3.73	54.0	-13.30	AV	343.00	200	Horizontal	Pass
3	5827.800	107.30	-2.29	--	--	Peak	239.00	200	Horizontal	N/A
3**	5827.800	99.33	-2.29	--	--	AV	239.00	200	Horizontal	N/A
4	7373.175	48.87	-3.78	74.0	-25.13	Peak	316.00	200	Horizontal	Pass
4**	7373.175	39.70	-3.78	54.0	-14.30	AV	316.00	200	Horizontal	Pass
5	12624.362	52.61	1.62	74.0	-21.39	Peak	155.00	150	Horizontal	Pass
5**	12624.362	42.85	1.62	54.0	-11.15	AV	155.00	150	Horizontal	Pass
6	16095.563	55.57	1.31	74.0	-18.43	Peak	53.00	100	Horizontal	Pass
6**	16095.563	46.96	1.31	54.0	-7.04	AV	53.00	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	1529.900	38.25	-17.57	74.0	-35.75	Peak	326.00	300	Vertical	Pass
1**	1529.900	28.80	-17.57	54.0	-25.20	AV	326.00	300	Vertical	Pass
2	4243.800	50.49	-4.87	74.0	-23.51	Peak	231.00	200	Vertical	Pass
2**	4243.800	39.62	-4.87	54.0	-14.38	AV	231.00	200	Vertical	Pass
3	5827.200	106.91	-2.32	--	--	Peak	168.00	100	Vertical	N/A
3**	5827.200	99.02	-2.32	--	--	AV	168.00	100	Vertical	N/A
4	7389.275	49.45	-4.05	74.0	-24.55	Peak	300.00	400	Vertical	Pass
4**	7389.275	40.21	-4.05	54.0	-13.79	AV	300.00	400	Vertical	Pass
5	12230.487	52.87	1.29	74.0	-21.13	Peak	360.00	100	Vertical	Pass
5**	12230.487	44.77	1.29	54.0	-9.23	AV	360.00	100	Vertical	Pass
6	15848.549	56.16	1.34	74.0	-17.84	Peak	329.00	100	Vertical	Pass
6**	15848.549	46.82	1.34	54.0	-7.18	AV	329.00	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	1496.600	38.57	-17.57	74.0	-35.43	Peak	34.00	200	Horizontal	Pass
1**	1496.600	28.79	-17.57	54.0	-25.21	AV	34.00	200	Horizontal	Pass
2	4301.800	50.04	-4.86	74.0	-23.96	Peak	284.00	400	Horizontal	Pass
2**	4301.800	40.35	-4.86	54.0	-13.65	AV	284.00	400	Horizontal	Pass
3	5752.200	104.72	-2.19	--	--	Peak	232.00	200	Horizontal	N/A
3**	5752.200	97.35	-2.19	--	--	AV	232.00	200	Horizontal	N/A
4	7630.775	49.63	-3.32	74.0	-24.37	Peak	141.00	400	Horizontal	Pass
4**	7630.775	39.32	-3.32	54.0	-14.68	AV	141.00	400	Horizontal	Pass
5	11454.525	53.08	-0.10	74.0	-20.92	Peak	60.00	100	Horizontal	Pass
5**	11454.525	42.57	-0.10	54.0	-11.43	AV	60.00	100	Horizontal	Pass
6	16089.525	55.93	1.44	74.0	-18.07	Peak	183.00	300	Horizontal	Pass
6**	16089.525	46.56	1.44	54.0	-7.44	AV	183.00	300	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	1435.900	38.52	-17.35	74.0	-35.48	Peak	98.00	300	Vertical	Pass
1**	1435.900	29.45	-17.35	54.0	-24.55	AV	98.00	300	Vertical	Pass
2	4366.400	49.80	-4.08	74.0	-24.20	Peak	0.00	400	Vertical	Pass
2**	4366.400	40.95	-4.08	54.0	-13.05	AV	0.00	400	Vertical	Pass
3	5758.400	102.42	-1.97	--	--	Peak	164.00	200	Vertical	N/A
3**	5758.400	95.11	-1.97	--	--	AV	164.00	200	Vertical	N/A
4	7353.913	49.54	-3.92	74.0	-24.46	Peak	0.00	300	Vertical	Pass
4**	7353.913	40.32	-3.92	54.0	-13.68	AV	0.00	300	Vertical	Pass
5	12589.575	53.39	1.66	74.0	-20.61	Peak	0.00	200	Vertical	Pass
5**	12589.575	43.82	1.66	54.0	-10.18	AV	0.00	200	Vertical	Pass
6	15993.450	55.32	0.24	74.0	-18.68	Peak	32.00	300	Vertical	Pass
6**	15993.450	45.69	0.24	54.0	-8.31	AV	32.00	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	1528.700	38.71	-17.48	74.0	-35.29	Peak	55.00	300	Horizontal	Pass
1**	1528.700	29.16	-17.48	54.0	-24.84	AV	55.00	300	Horizontal	Pass
2	4364.200	50.35	-3.89	74.0	-23.65	Peak	208.00	200	Horizontal	Pass
2**	4364.200	41.56	-3.89	54.0	-12.44	AV	208.00	200	Horizontal	Pass
3	5787.400	102.94	-2.46	--	--	Peak	240.00	200	Horizontal	N/A
3**	5787.400	95.95	-2.46	--	--	AV	240.00	200	Horizontal	N/A
4	7340.112	49.86	-3.52	74.0	-24.14	Peak	0.00	300	Horizontal	Pass
4**	7340.112	40.22	-3.52	54.0	-13.78	AV	0.00	300	Horizontal	Pass
5	11938.388	53.12	1.69	74.0	-20.88	Peak	155.00	100	Horizontal	Pass
5**	11938.388	43.73	1.69	54.0	-10.27	AV	155.00	100	Horizontal	Pass
6	15821.250	55.40	1.82	74.0	-18.60	Peak	165.00	400	Horizontal	Pass
6**	15821.250	46.15	1.82	54.0	-7.85	AV	165.00	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	1515.700	38.21	-17.57	74.0	-35.79	Peak	176.00	400	Vertical	Pass
1**	1515.700	29.33	-17.57	54.0	-24.67	AV	176.00	400	Vertical	Pass
2	4288.800	49.81	-4.97	74.0	-24.19	Peak	7.00	100	Vertical	Pass
2**	4288.800	40.37	-4.97	54.0	-13.63	AV	7.00	100	Vertical	Pass
3	5801.800	101.33	-2.55	--	--	Peak	134.00	200	Vertical	N/A
3**	5801.800	93.61	-2.55	--	--	AV	134.00	200	Vertical	N/A
4	7333.788	49.72	-3.48	74.0	-24.28	Peak	170.00	200	Vertical	Pass
4**	7333.788	39.94	-3.48	54.0	-14.06	AV	170.00	200	Vertical	Pass
5	12287.700	53.43	1.72	74.0	-20.57	Peak	0.00	150	Vertical	Pass
5**	12287.700	43.61	1.72	54.0	-10.39	AV	0.00	150	Vertical	Pass
6	15844.350	55.63	1.38	74.0	-18.37	Peak	51.00	400	Vertical	Pass
6**	15844.350	46.97	1.38	54.0	-7.03	AV	51.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	38.51	-17.53	74.0	-35.49	Peak	293.00	300	Horizontal	Pass
1**	1493.200	28.31	-17.53	54.0	-25.69	AV	293.00	300	Horizontal	Pass
2	4364.000	49.55	-3.88	74.0	-24.45	Peak	221.00	400	Horizontal	Pass
2**	4364.000	41.64	-3.88	54.0	-12.36	AV	221.00	400	Horizontal	Pass
3	5789.200	101.59	-2.50	--	--	Peak	232.00	150	Horizontal	N/A
3**	5789.200	93.93	-2.50	--	--	AV	232.00	150	Horizontal	N/A
4	7677.925	49.40	-2.44	74.0	-24.60	Peak	108.00	300	Horizontal	Pass
4**	7677.925	39.66	-2.44	54.0	-14.34	AV	108.00	300	Horizontal	Pass
5	12333.700	52.74	1.36	74.0	-21.26	Peak	28.00	200	Horizontal	Pass
5**	12333.700	44.09	1.36	54.0	-9.91	AV	28.00	200	Horizontal	Pass
6	15852.750	55.58	1.26	74.0	-18.42	Peak	276.00	100	Horizontal	Pass
6**	15852.750	46.81	1.26	54.0	-7.19	AV	276.00	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	1583.500	38.22	-17.55	74.0	-35.78	Peak	207.00	400	Vertical	Pass
1**	1583.500	28.31	-17.55	54.0	-25.69	AV	207.00	400	Vertical	Pass
2	3952.400	50.06	-4.65	74.0	-23.94	Peak	187.00	300	Vertical	Pass
2**	3952.400	40.10	-4.65	54.0	-13.90	AV	187.00	300	Vertical	Pass
3	5778.600	100.01	-2.04	--	--	Peak	133.00	200	Vertical	N/A
3**	5778.600	92.01	-2.04	--	--	AV	133.00	200	Vertical	N/A
4	7335.513	49.43	-3.35	74.0	-24.57	Peak	52.00	300	Vertical	Pass
4**	7335.513	40.53	-3.35	54.0	-13.47	AV	52.00	300	Vertical	Pass
5	12344.337	53.01	1.28	74.0	-20.99	Peak	136.00	150	Vertical	Pass
5**	12344.337	43.17	1.28	54.0	-10.83	AV	136.00	150	Vertical	Pass
6	15864.037	55.84	0.84	74.0	-18.16	Peak	246.00	200	Vertical	Pass
6**	15864.037	46.86	0.84	54.0	-7.14	AV	246.00	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	1457.600	38.18	-17.51	74.0	-35.82	Peak	25.00	400	Horizontal	Pass
1**	1457.600	28.50	-17.51	54.0	-25.50	AV	25.00	400	Horizontal	Pass
2	4361.200	49.90	-3.77	74.0	-24.10	Peak	137.00	200	Horizontal	Pass
2**	4361.200	41.05	-3.77	54.0	-12.95	AV	137.00	200	Horizontal	Pass
3	5182.800	111.68	-2.72	--	--	Peak	260.00	100	Horizontal	N/A
3**	5182.800	104.42	-2.72	--	--	AV	260.00	100	Horizontal	N/A
4	7345.575	49.69	-3.74	74.0	-24.31	Peak	148.00	100	Horizontal	Pass
4**	7345.575	40.27	-3.74	54.0	-13.73	AV	148.00	100	Horizontal	Pass
5	12340.600	52.69	1.29	74.0	-21.31	Peak	49.00	100	Horizontal	Pass
5**	12340.600	43.15	1.29	54.0	-10.85	AV	49.00	100	Horizontal	Pass
6	16094.250	55.85	1.34	74.0	-18.15	Peak	360.00	200	Horizontal	Pass
6**	16094.250	46.24	1.34	54.0	-7.76	AV	360.00	200	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	1515.500	38.66	-17.57	74.0	-35.34	Peak	112.00	100	Vertical	Pass
1**	1515.500	29.27	-17.57	54.0	-24.73	AV	112.00	100	Vertical	Pass
2	4356.000	49.70	-3.69	74.0	-24.30	Peak	112.00	400	Vertical	Pass
2**	4356.000	41.08	-3.69	54.0	-12.92	AV	112.00	400	Vertical	Pass
3	5184.800	106.87	-2.85	--	--	Peak	169.00	100	Vertical	N/A
3**	5184.800	98.48	-2.85	--	--	AV	169.00	100	Vertical	N/A
4	7380.650	49.02	-3.65	74.0	-24.98	Peak	123.00	200	Vertical	Pass
4**	7380.650	40.52	-3.65	54.0	-13.48	AV	123.00	200	Vertical	Pass
5	12324.500	52.56	1.42	74.0	-21.44	Peak	92.00	150	Vertical	Pass
5**	12324.500	43.20	1.42	54.0	-10.80	AV	92.00	150	Vertical	Pass
6	15859.838	55.09	0.93	74.0	-18.91	Peak	54.00	300	Vertical	Pass
6**	15859.838	44.97	0.93	54.0	-9.03	AV	54.00	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	1574.500	38.44	-17.56	74.0	-35.56	Peak	120.00	300	Horizontal	Pass
1**	1574.500	29.01	-17.56	54.0	-24.99	AV	120.00	300	Horizontal	Pass
2	4280.400	49.35	-4.60	74.0	-24.65	Peak	121.00	100	Horizontal	Pass
2**	4280.400	40.26	-4.60	54.0	-13.74	AV	121.00	100	Horizontal	Pass
3	5224.000	109.88	-3.02	--	--	Peak	315.00	200	Horizontal	N/A
3**	5224.000	102.11	-3.02	--	--	AV	315.00	200	Horizontal	N/A
4	7672.462	49.63	-2.52	74.0	-24.37	Peak	200.00	200	Horizontal	Pass
4**	7672.462	40.16	-2.52	54.0	-13.84	AV	200.00	200	Horizontal	Pass
5	12220.137	52.39	1.23	74.0	-21.61	Peak	167.00	100	Horizontal	Pass
5**	12220.137	43.53	1.23	54.0	-10.47	AV	167.00	100	Horizontal	Pass
6	15859.049	55.17	0.98	74.0	-18.83	Peak	91.00	100	Horizontal	Pass
6**	15859.049	45.17	0.98	54.0	-8.83	AV	91.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.500	40.83	-17.57	74.0	-33.17	Peak	102.00	200	Vertical	Pass
1**	1496.500	30.09	-17.57	54.0	-23.91	AV	102.00	200	Vertical	Pass
2	4363.400	49.34	-3.85	74.0	-24.66	Peak	262.00	400	Vertical	Pass
2**	4363.400	40.83	-3.85	54.0	-13.17	AV	262.00	400	Vertical	Pass
3	5214.600	106.68	-2.84	--	--	Peak	167.00	100	Vertical	N/A
3**	5214.600	98.77	-2.84	--	--	AV	167.00	100	Vertical	N/A
4	7455.112	49.45	-3.92	74.0	-24.55	Peak	0.00	300	Vertical	Pass
4**	7455.112	40.01	-3.92	54.0	-13.99	AV	0.00	300	Vertical	Pass
5	12223.588	53.23	1.28	74.0	-20.77	Peak	133.00	150	Vertical	Pass
5**	12223.588	43.85	1.28	54.0	-10.15	AV	133.00	150	Vertical	Pass
6	15833.850	54.49	1.46	74.0	-19.51	Peak	54.00	100	Vertical	Pass
6**	15833.850	45.67	1.46	54.0	-8.33	AV	54.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.200	38.59	-17.67	74.0	-35.41	Peak	149.00	200	Horizontal	Pass
1**	1521.200	29.39	-17.67	54.0	-24.61	AV	149.00	200	Horizontal	Pass
2	4361.800	49.63	-3.78	74.0	-24.37	Peak	80.00	200	Horizontal	Pass
2**	4361.800	40.07	-3.78	54.0	-13.93	AV	80.00	200	Horizontal	Pass
3	5235.400	109.60	-2.86	--	--	Peak	326.00	100	Horizontal	N/A
3**	5235.400	102.19	-2.86	--	--	AV	326.00	100	Horizontal	N/A
4	7353.050	49.20	-3.87	74.0	-24.80	Peak	314.00	400	Horizontal	Pass
4**	7353.050	41.75	-3.87	54.0	-12.25	AV	314.00	400	Horizontal	Pass
5	12335.425	52.58	1.34	74.0	-21.42	Peak	0.00	200	Horizontal	Pass
5**	12335.425	43.53	1.34	54.0	-10.47	AV	0.00	200	Horizontal	Pass
6	15846.187	55.28	1.36	74.0	-18.72	Peak	147.00	150	Horizontal	Pass
6**	15846.187	46.77	1.36	54.0	-7.23	AV	147.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.200	38.52	-17.59	74.0	-35.48	Peak	93.00	400	Vertical	Pass
1**	1607.200	28.25	-17.59	54.0	-25.75	AV	93.00	400	Vertical	Pass
2	4380.600	50.92	-4.53	74.0	-23.08	Peak	28.00	100	Vertical	Pass
2**	4380.600	40.32	-4.53	54.0	-13.68	AV	28.00	100	Vertical	Pass
3	5247.400	106.54	-2.69	--	--	Peak	165.00	100	Vertical	N/A
3**	5247.400	98.89	-2.69	--	--	AV	165.00	100	Vertical	N/A
4	7669.587	50.26	-2.26	74.0	-23.74	Peak	136.00	300	Vertical	Pass
4**	7669.587	39.51	-2.26	54.0	-14.49	AV	136.00	300	Vertical	Pass
5	12245.437	52.81	1.01	74.0	-21.19	Peak	281.00	200	Vertical	Pass
5**	12245.437	43.75	1.01	54.0	-10.25	AV	281.00	200	Vertical	Pass
6	16098.975	55.54	1.23	74.0	-18.46	Peak	0.00	100	Vertical	Pass
6**	16098.975	45.86	1.23	54.0	-8.14	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.100	38.53	-17.53	74.0	-35.47	Peak	293.00	100	Horizontal	Pass
1**	1544.100	28.65	-17.53	54.0	-25.35	AV	293.00	100	Horizontal	Pass
2	4164.400	49.17	-5.03	74.0	-24.83	Peak	193.00	150	Horizontal	Pass
2**	4164.400	39.93	-5.03	54.0	-14.07	AV	193.00	150	Horizontal	Pass
3	5192.800	106.90	-2.73	--	--	Peak	321.00	200	Horizontal	N/A
3**	5192.800	99.12	-2.73	--	--	AV	321.00	200	Horizontal	N/A
4	7340.975	48.89	-3.60	74.0	-25.11	Peak	331.00	400	Horizontal	Pass
4**	7340.975	40.27	-3.60	54.0	-13.73	AV	331.00	400	Horizontal	Pass
5	11947.013	52.79	1.48	74.0	-21.21	Peak	19.00	200	Horizontal	Pass
5**	11947.013	43.16	1.48	54.0	-10.84	AV	19.00	200	Horizontal	Pass
6	15847.763	56.43	1.35	74.0	-17.57	Peak	154.00	150	Horizontal	Pass
6**	15847.763	46.02	1.35	54.0	-7.98	AV	154.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.200	38.21	-17.61	74.0	-35.79	Peak	186.00	300	Vertical	Pass
1**	1487.200	29.21	-17.61	54.0	-24.79	AV	186.00	300	Vertical	Pass
2	4253.600	49.98	-4.97	74.0	-24.02	Peak	268.00	100	Vertical	Pass
2**	4253.600	39.47	-4.97	54.0	-14.53	AV	268.00	100	Vertical	Pass
3	5195.200	102.21	-2.83	--	--	Peak	179.00	150	Vertical	N/A
3**	5195.200	95.32	-2.83	--	--	AV	179.00	150	Vertical	N/A
4	7462.013	48.92	-3.65	74.0	-25.08	Peak	151.00	150	Vertical	Pass
4**	7462.013	39.75	-3.65	54.0	-14.25	AV	151.00	150	Vertical	Pass
5	12599.063	52.94	1.88	74.0	-21.06	Peak	360.00	100	Vertical	Pass
5**	12599.063	43.75	1.88	54.0	-10.25	AV	360.00	100	Vertical	Pass
6	15842.250	55.12	1.41	74.0	-18.88	Peak	15.00	100	Vertical	Pass
6**	15842.250	46.64	1.41	54.0	-7.36	AV	15.00	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	1573.200	38.49	-17.61	74.0	-35.51	Peak	175.00	300	Horizontal	Pass
1**	1573.200	28.70	-17.61	54.0	-25.30	AV	175.00	300	Horizontal	Pass
2	4384.200	49.40	-4.56	74.0	-24.60	Peak	148.00	400	Horizontal	Pass
2**	4384.200	39.58	-4.56	54.0	-14.42	AV	148.00	400	Horizontal	Pass
3	5223.200	106.19	-3.00	--	--	Peak	52.00	100	Horizontal	N/A
3**	5223.200	98.09	-3.00	--	--	AV	52.00	100	Horizontal	N/A
4	7501.975	49.64	-3.80	74.0	-24.36	Peak	33.00	300	Horizontal	Pass
4**	7501.975	38.90	-3.80	54.0	-15.10	AV	33.00	300	Horizontal	Pass
5	11999.050	53.09	1.27	74.0	-20.91	Peak	182.00	150	Horizontal	Pass
5**	11999.050	43.02	1.27	54.0	-10.98	AV	182.00	150	Horizontal	Pass
6	15849.862	55.70	1.33	74.0	-18.30	Peak	34.00	300	Horizontal	Pass
6**	15849.862	46.32	1.33	54.0	-7.68	AV	34.00	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	1498.900	42.36	-17.55	74.0	-31.64	Peak	102.00	300	Vertical	Pass
1**	1498.900	28.78	-17.55	54.0	-25.22	AV	102.00	300	Vertical	Pass
2	4369.000	49.55	-4.33	74.0	-24.45	Peak	244.00	200	Vertical	Pass
2**	4369.000	40.81	-4.33	54.0	-13.19	AV	244.00	200	Vertical	Pass
3	5219.200	102.20	-3.04	--	--	Peak	168.00	200	Vertical	N/A
3**	5219.200	94.79	-3.04	--	--	AV	168.00	200	Vertical	N/A
4	7339.537	49.57	-3.50	74.0	-24.43	Peak	0.00	300	Vertical	Pass
4**	7339.537	40.85	-3.50	54.0	-13.15	AV	0.00	300	Vertical	Pass
5	11548.537	52.71	-0.49	74.0	-21.29	Peak	234.00	200	Vertical	Pass
5**	11548.537	43.09	-0.49	54.0	-10.91	AV	234.00	200	Vertical	Pass
6	15827.550	55.69	1.57	74.0	-18.31	Peak	160.00	150	Vertical	Pass
6**	15827.550	46.14	1.57	54.0	-7.86	AV	160.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.400	38.72	-17.67	74.0	-35.28	Peak	326.00	300	Horizontal	Pass
1**	1521.400	28.53	-17.67	54.0	-25.47	AV	326.00	300	Horizontal	Pass
2	4362.800	49.26	-3.81	74.0	-24.74	Peak	271.00	100	Horizontal	Pass
2**	4362.800	40.74	-3.81	54.0	-13.26	AV	271.00	100	Horizontal	Pass
3	5184.600	108.62	-2.84	--	--	Peak	303.00	100	Horizontal	N/A
3**	5184.600	101.25	-2.84	--	--	AV	303.00	100	Horizontal	N/A
4	7368.000	49.05	-4.04	74.0	-24.95	Peak	315.00	100	Horizontal	Pass
4**	7368.000	39.99	-4.04	54.0	-14.01	AV	315.00	100	Horizontal	Pass
5	12221.000	53.04	1.24	74.0	-20.96	Peak	233.00	100	Horizontal	Pass
5**	12221.000	43.43	1.24	54.0	-10.57	AV	233.00	100	Horizontal	Pass
6	15853.537	55.39	1.23	74.0	-18.61	Peak	247.00	150	Horizontal	Pass
6**	15853.537	46.74	1.23	54.0	-7.26	AV	247.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.200	41.16	-17.58	74.0	-32.84	Peak	111.00	300	Vertical	Pass
1**	1494.200	30.18	-17.58	54.0	-23.82	AV	111.00	300	Vertical	Pass
2	4357.200	50.24	-3.71	74.0	-23.76	Peak	18.00	300	Vertical	Pass
2**	4357.200	41.14	-3.71	54.0	-12.86	AV	18.00	300	Vertical	Pass
3	5188.200	104.33	-2.69	--	--	Peak	167.00	100	Vertical	N/A
3**	5188.200	97.27	-2.69	--	--	AV	167.00	100	Vertical	N/A
4	7335.800	49.44	-3.37	74.0	-24.56	Peak	71.00	300	Vertical	Pass
4**	7335.800	40.41	-3.37	54.0	-13.59	AV	71.00	300	Vertical	Pass
5	12571.175	52.57	1.72	74.0	-21.43	Peak	331.00	150	Vertical	Pass
5**	12571.175	44.04	1.72	54.0	-9.96	AV	331.00	150	Vertical	Pass
6	16027.575	55.59	0.69	74.0	-18.41	Peak	110.00	100	Vertical	Pass
6**	16027.575	45.65	0.69	54.0	-8.35	AV	110.00	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	1481.000	38.54	-17.59	74.0	-35.46	Peak	345.00	100	Horizontal	Pass
1**	1481.000	29.34	-17.59	54.0	-24.66	AV	345.00	100	Horizontal	Pass
2	4278.200	49.75	-4.54	74.0	-24.25	Peak	263.00	300	Horizontal	Pass
2**	4278.200	40.05	-4.54	54.0	-13.95	AV	263.00	300	Horizontal	Pass
3	5215.600	108.46	-2.85	--	--	Peak	50.00	100	Horizontal	N/A
3**	5215.600	100.90	-2.85	--	--	AV	50.00	100	Horizontal	N/A
4	7385.538	50.38	-3.90	74.0	-23.62	Peak	150.00	200	Horizontal	Pass
4**	7385.538	40.48	-3.90	54.0	-13.52	AV	150.00	200	Horizontal	Pass
5	12283.963	52.68	1.78	74.0	-21.32	Peak	233.00	100	Horizontal	Pass
5**	12283.963	43.58	1.78	54.0	-10.42	AV	233.00	100	Horizontal	Pass
6	15857.738	54.97	1.05	74.0	-19.03	Peak	88.00	300	Horizontal	Pass
6**	15857.738	45.47	1.05	54.0	-8.53	AV	88.00	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	1517.800	38.81	-17.62	74.0	-35.19	Peak	213.00	100	Vertical	Pass
1**	1517.800	29.69	-17.62	54.0	-24.31	AV	213.00	100	Vertical	Pass
2	4153.800	50.47	-4.97	74.0	-23.53	Peak	18.00	300	Vertical	Pass
2**	4153.800	39.73	-4.97	54.0	-14.27	AV	18.00	300	Vertical	Pass
3	5221.400	105.80	-3.04	--	--	Peak	167.00	150	Vertical	N/A
3**	5221.400	97.54	-3.04	--	--	AV	167.00	150	Vertical	N/A
4	7343.275	49.72	-3.59	74.0	-24.28	Peak	87.00	100	Vertical	Pass
4**	7343.275	40.66	-3.59	54.0	-13.34	AV	87.00	100	Vertical	Pass
5	12611.138	53.20	1.89	74.0	-20.80	Peak	185.00	150	Vertical	Pass
5**	12611.138	43.49	1.89	54.0	-10.51	AV	185.00	150	Vertical	Pass
6	16092.151	55.59	1.39	74.0	-18.41	Peak	204.00	200	Vertical	Pass
6**	16092.151	45.74	1.39	54.0	-8.26	AV	204.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.200	38.46	-17.46	74.0	-35.54	Peak	31.00	300	Horizontal	Pass
1**	1456.200	28.79	-17.46	54.0	-25.21	AV	31.00	300	Horizontal	Pass
2	4050.200	48.74	-4.75	74.0	-25.26	Peak	116.00	150	Horizontal	Pass
2**	4050.200	39.58	-4.75	54.0	-14.42	AV	116.00	150	Horizontal	Pass
3	5241.600	109.34	-2.70	--	--	Peak	321.00	200	Horizontal	N/A
3**	5241.600	101.62	-2.70	--	--	AV	321.00	200	Horizontal	N/A
4	7340.112	49.52	-3.52	74.0	-24.48	Peak	348.00	300	Horizontal	Pass
4**	7340.112	40.82	-3.52	54.0	-13.18	AV	348.00	300	Horizontal	Pass
5	12229.049	53.52	1.30	74.0	-20.48	Peak	233.00	150	Horizontal	Pass
5**	12229.049	43.40	1.30	54.0	-10.60	AV	233.00	150	Horizontal	Pass
6	15840.151	55.23	1.44	74.0	-18.77	Peak	168.00	400	Horizontal	Pass
6**	15840.151	46.90	1.44	54.0	-7.10	AV	168.00	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	1494.800	38.96	-17.58	74.0	-35.04	Peak	118.00	200	Vertical	Pass
1**	1494.800	28.69	-17.58	54.0	-25.31	AV	118.00	200	Vertical	Pass
2	4086.400	49.59	-5.42	74.0	-24.41	Peak	40.00	100	Vertical	Pass
2**	4086.400	39.10	-5.42	54.0	-14.90	AV	40.00	100	Vertical	Pass
3	5241.600	105.82	-2.70	--	--	Peak	170.00	200	Vertical	N/A
3**	5241.600	97.14	-2.70	--	--	AV	170.00	200	Vertical	N/A
4	7350.175	50.09	-3.87	74.0	-23.91	Peak	284.00	300	Vertical	Pass
4**	7350.175	40.71	-3.87	54.0	-13.29	AV	284.00	300	Vertical	Pass
5	12221.287	53.14	1.25	74.0	-20.86	Peak	216.00	150	Vertical	Pass
5**	12221.287	43.65	1.25	54.0	-10.35	AV	216.00	150	Vertical	Pass
6	15837.787	55.24	1.45	74.0	-18.76	Peak	206.00	200	Vertical	Pass
6**	15837.787	46.09	1.45	54.0	-7.91	AV	206.00	200	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	1517.700	38.32	-17.62	74.0	-35.68	Peak	176.00	300	Horizontal	Pass
1**	1517.700	28.81	-17.62	54.0	-25.19	AV	176.00	300	Horizontal	Pass
2	4359.800	49.93	-3.77	74.0	-24.07	Peak	117.00	200	Horizontal	Pass
2**	4359.800	41.13	-3.77	54.0	-12.87	AV	117.00	200	Horizontal	Pass
3	5188.400	109.02	-2.69	--	--	Peak	245.00	200	Horizontal	N/A
3**	5188.400	101.14	-2.69	--	--	AV	245.00	200	Horizontal	N/A
4	7459.425	48.95	-3.88	74.0	-25.05	Peak	192.00	200	Horizontal	Pass
4**	7459.425	40.29	-3.88	54.0	-13.71	AV	192.00	200	Horizontal	Pass
5	11936.375	53.43	1.69	74.0	-20.57	Peak	176.00	150	Horizontal	Pass
5**	11936.375	44.41	1.69	54.0	-9.59	AV	176.00	150	Horizontal	Pass
6	16039.650	56.15	0.80	74.0	-17.85	Peak	83.00	400	Horizontal	Pass
6**	16039.650	46.19	0.80	54.0	-7.81	AV	83.00	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	1497.200	39.17	-17.56	74.0	-34.83	Peak	268.00	400	Vertical	Pass
1**	1497.200	28.77	-17.56	54.0	-25.23	AV	268.00	400	Vertical	Pass
2	4389.200	50.19	-4.73	74.0	-23.81	Peak	106.00	100	Vertical	Pass
2**	4389.200	40.11	-4.73	54.0	-13.89	AV	106.00	100	Vertical	Pass
3	5188.400	105.95	-2.69	--	--	Peak	157.00	150	Vertical	N/A
3**	5188.400	99.02	-2.69	--	--	AV	157.00	150	Vertical	N/A
4	7342.987	49.31	-3.61	74.0	-24.69	Peak	315.00	400	Vertical	Pass
4**	7342.987	40.21	-3.61	54.0	-13.79	AV	315.00	400	Vertical	Pass
5	12230.200	53.18	1.30	74.0	-20.82	Peak	28.00	100	Vertical	Pass
5**	12230.200	43.59	1.30	54.0	-10.41	AV	28.00	100	Vertical	Pass
6	15620.175	55.82	1.63	74.0	-18.18	Peak	325.00	200	Vertical	Pass
6**	15620.175	45.81	1.63	54.0	-8.19	AV	325.00	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	1498.500	38.53	-17.54	74.0	-35.47	Peak	219.00	100	Horizontal	Pass
1**	1498.500	28.44	-17.54	54.0	-25.56	AV	219.00	100	Horizontal	Pass
2	4320.000	49.75	-4.48	74.0	-24.25	Peak	302.00	200	Horizontal	Pass
2**	4320.000	40.02	-4.48	54.0	-13.98	AV	302.00	200	Horizontal	Pass
3	5224.400	108.28	-3.03	--	--	Peak	249.00	200	Horizontal	N/A
3**	5224.400	100.37	-3.03	--	--	AV	249.00	200	Horizontal	N/A
4	7679.075	49.13	-2.57	74.0	-24.87	Peak	61.00	300	Horizontal	Pass
4**	7679.075	39.84	-2.57	54.0	-14.16	AV	61.00	300	Horizontal	Pass
5	11965.412	53.06	0.85	74.0	-20.94	Peak	109.00	200	Horizontal	Pass
5**	11965.412	43.55	0.85	54.0	-10.45	AV	109.00	200	Horizontal	Pass
6	15626.738	55.85	1.71	74.0	-18.15	Peak	14.00	300	Horizontal	Pass
6**	15626.738	46.10	1.71	54.0	-7.90	AV	14.00	300	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	1547.200	38.52	-17.55	74.0	-35.48	Peak	203.00	400	Vertical	Pass
1**	1547.200	29.73	-17.55	54.0	-24.27	AV	203.00	400	Vertical	Pass
2	4259.800	49.91	-4.72	74.0	-24.09	Peak	241.00	300	Vertical	Pass
2**	4259.800	40.43	-4.72	54.0	-13.57	AV	241.00	300	Vertical	Pass
3	5236.200	104.18	-2.89	--	--	Peak	157.00	150	Vertical	N/A
3**	5236.200	96.11	-2.89	--	--	AV	157.00	150	Vertical	N/A
4	7340.975	49.63	-3.60	74.0	-24.37	Peak	12.00	100	Vertical	Pass
4**	7340.975	40.66	-3.60	54.0	-13.34	AV	12.00	100	Vertical	Pass
5	12277.925	53.45	1.73	74.0	-20.55	Peak	360.00	200	Vertical	Pass
5**	12277.925	44.58	1.73	54.0	-9.42	AV	360.00	200	Vertical	Pass
6	16025.213	55.30	0.68	74.0	-18.70	Peak	214.00	100	Vertical	Pass
6**	16025.213	46.13	0.68	54.0	-7.87	AV	214.00	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	1460.700	37.96	-17.43	74.0	-36.04	Peak	88.00	200	Horizontal	Pass
1**	1460.700	28.83	-17.43	54.0	-25.17	AV	88.00	200	Horizontal	Pass
2	4362.000	50.53	-3.79	74.0	-23.47	Peak	123.00	200	Horizontal	Pass
2**	4362.000	41.18	-3.79	54.0	-12.82	AV	123.00	200	Horizontal	Pass
3	5203.200	105.21	-2.56	--	--	Peak	300.00	200	Horizontal	N/A
3**	5203.200	97.77	-2.56	--	--	AV	300.00	200	Horizontal	N/A
4	7669.012	49.63	-2.20	74.0	-24.37	Peak	360.00	200	Horizontal	Pass
4**	7669.012	40.49	-2.20	54.0	-13.51	AV	360.00	200	Horizontal	Pass
5	12227.037	53.03	1.31	74.0	-20.97	Peak	76.00	200	Horizontal	Pass
5**	12227.037	44.60	1.31	54.0	-9.40	AV	76.00	200	Horizontal	Pass
6	16103.175	55.90	1.06	74.0	-18.10	Peak	228.00	400	Horizontal	Pass
6**	16103.175	47.02	1.06	54.0	-6.98	AV	228.00	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	1492.900	39.22	-17.52	74.0	-34.78	Peak	0.00	100	Vertical	Pass
1**	1492.900	30.12	-17.52	54.0	-23.88	AV	0.00	100	Vertical	Pass
2	3936.600	49.66	-5.69	74.0	-24.34	Peak	95.00	200	Vertical	Pass
2**	3936.600	40.09	-5.69	54.0	-13.91	AV	95.00	200	Vertical	Pass
3	5192.200	102.03	-2.68	--	--	Peak	157.00	150	Vertical	N/A
3**	5192.200	94.67	-2.68	--	--	AV	157.00	150	Vertical	N/A
4	7383.237	49.79	-3.84	74.0	-24.21	Peak	360.00	200	Vertical	Pass
4**	7383.237	40.35	-3.84	54.0	-13.65	AV	360.00	200	Vertical	Pass
5	11656.350	52.92	0.02	74.0	-21.08	Peak	75.00	200	Vertical	Pass
5**	11656.350	43.01	0.02	54.0	-10.99	AV	75.00	200	Vertical	Pass
6	15825.974	55.86	1.61	74.0	-18.14	Peak	70.00	200	Vertical	Pass
6**	15825.974	45.30	1.61	54.0	-8.70	AV	70.00	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	1532.500	38.54	-17.58	74.0	-35.46	Peak	316.00	100	Horizontal	Pass
1**	1532.500	28.64	-17.58	54.0	-25.36	AV	316.00	100	Horizontal	Pass
2	4256.800	49.55	-4.92	74.0	-24.45	Peak	293.00	100	Horizontal	Pass
2**	4256.800	40.20	-4.92	54.0	-13.80	AV	293.00	100	Horizontal	Pass
3	5743.600	109.65	-2.28	--	--	Peak	293.00	200	Horizontal	N/A
3**	5743.600	101.73	-2.28	--	--	AV	293.00	200	Horizontal	N/A
4	7328.325	49.41	-3.61	74.0	-24.59	Peak	120.00	400	Horizontal	Pass
4**	7328.325	40.61	-3.61	54.0	-13.39	AV	120.00	400	Horizontal	Pass
5	12688.763	53.06	0.84	74.0	-20.94	Peak	233.00	100	Horizontal	Pass
5**	12688.763	43.31	0.84	54.0	-10.69	AV	233.00	100	Horizontal	Pass
6	16076.401	55.88	1.57	74.0	-18.12	Peak	358.00	200	Horizontal	Pass
6**	16076.401	46.28	1.57	54.0	-7.72	AV	358.00	200	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	1550.900	38.51	-17.38	74.0	-35.49	Peak	48.00	200	Vertical	Pass
1**	1550.900	29.01	-17.38	54.0	-24.99	AV	48.00	200	Vertical	Pass
2	4229.200	50.22	-4.54	74.0	-23.78	Peak	360.00	400	Vertical	Pass
2**	4229.200	40.58	-4.54	54.0	-13.42	AV	360.00	400	Vertical	Pass
3	5747.200	104.28	-2.31	--	--	Peak	153.00	100	Vertical	N/A
3**	5747.200	97.27	-2.31	--	--	AV	153.00	100	Vertical	N/A
4	7332.350	49.24	-3.57	74.0	-24.76	Peak	8.00	400	Vertical	Pass
4**	7332.350	40.11	-3.57	54.0	-13.89	AV	8.00	400	Vertical	Pass
5	12581.526	52.92	1.63	74.0	-21.08	Peak	154.00	150	Vertical	Pass
5**	12581.526	43.63	1.63	54.0	-10.37	AV	154.00	150	Vertical	Pass
6	16079.287	55.55	1.63	74.0	-18.45	Peak	317.00	100	Vertical	Pass
6**	16079.287	46.67	1.63	54.0	-7.33	AV	317.00	100	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	1542.600	39.09	-17.57	74.0	-34.91	Peak	226.00	400	Horizontal	Pass
1**	1542.600	29.26	-17.57	54.0	-24.74	AV	226.00	400	Horizontal	Pass
2	4361.800	50.83	-3.78	74.0	-23.17	Peak	6.00	100	Horizontal	Pass
2**	4361.800	41.35	-3.78	54.0	-12.65	AV	6.00	100	Horizontal	Pass
3	5787.000	109.67	-2.47	--	--	Peak	319.00	100	Horizontal	N/A
3**	5787.000	102.24	-2.47	--	--	AV	319.00	100	Horizontal	N/A
4	7385.538	49.37	-3.90	74.0	-24.63	Peak	267.00	200	Horizontal	Pass
4**	7385.538	40.30	-3.90	54.0	-13.70	AV	267.00	200	Horizontal	Pass
5	12116.924	52.76	0.56	74.0	-21.24	Peak	316.00	200	Horizontal	Pass
5**	12116.924	42.30	0.56	54.0	-11.70	AV	316.00	200	Horizontal	Pass
6	15837.787	56.06	1.45	74.0	-17.94	Peak	242.00	100	Horizontal	Pass
6**	15837.787	46.24	1.45	54.0	-7.76	AV	242.00	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	1497.200	40.83	-17.56	74.0	-33.17	Peak	114.00	300	Vertical	Pass
1**	1497.200	29.06	-17.56	54.0	-24.94	AV	114.00	300	Vertical	Pass
2	4355.000	49.81	-3.74	74.0	-24.19	Peak	346.00	400	Vertical	Pass
2**	4355.000	41.16	-3.74	54.0	-12.84	AV	346.00	400	Vertical	Pass
3	5780.200	103.97	-2.13	--	--	Peak	360.00	150	Vertical	N/A
3**	5780.200	96.21	-2.13	--	--	AV	360.00	150	Vertical	N/A
4	7336.375	50.02	-3.43	74.0	-23.98	Peak	217.00	400	Vertical	Pass
4**	7336.375	40.56	-3.43	54.0	-13.44	AV	217.00	400	Vertical	Pass
5	11948.162	53.21	1.45	74.0	-20.79	Peak	283.00	150	Vertical	Pass
5**	11948.162	43.78	1.45	54.0	-10.22	AV	283.00	150	Vertical	Pass
6	15841.200	57.25	1.43	74.0	-16.75	Peak	33.00	100	Vertical	Pass
6**	15841.200	47.27	1.43	54.0	-6.73	AV	33.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	40.10	-17.41	74.0	-33.90	Peak	72.00	100	Horizontal	Pass
1**	1437.800	29.53	-17.41	54.0	-24.47	AV	72.00	100	Horizontal	Pass
2	4361.600	50.87	-3.78	74.0	-23.13	Peak	0.00	300	Horizontal	Pass
2**	4361.600	41.12	-3.78	54.0	-12.88	AV	0.00	300	Horizontal	Pass
3	5823.200	110.72	-2.41	--	--	Peak	320.00	100	Horizontal	N/A
3**	5823.200	102.96	-2.41	--	--	AV	320.00	100	Horizontal	N/A
4	7345.000	49.37	-3.66	74.0	-24.63	Peak	0.00	300	Horizontal	Pass
4**	7345.000	40.27	-3.66	54.0	-13.73	AV	0.00	300	Horizontal	Pass
5	12697.675	52.65	0.84	74.0	-21.35	Peak	331.00	150	Horizontal	Pass
5**	12697.675	42.91	0.84	54.0	-11.09	AV	331.00	150	Horizontal	Pass
6	15606.000	55.70	1.13	74.0	-18.30	Peak	111.00	400	Horizontal	Pass
6**	15606.000	46.02	1.13	54.0	-7.98	AV	111.00	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	1442.200	38.36	-17.44	74.0	-35.64	Peak	90.00	100	Vertical	Pass
1**	1442.200	29.72	-17.44	54.0	-24.28	AV	90.00	100	Vertical	Pass
2	4196.000	49.78	-4.84	74.0	-24.22	Peak	233.00	200	Vertical	Pass
2**	4196.000	40.31	-4.84	54.0	-13.69	AV	233.00	200	Vertical	Pass
3	5822.600	106.45	-2.42	--	--	Peak	360.00	100	Vertical	N/A
3**	5822.600	98.63	-2.42	--	--	AV	360.00	100	Vertical	N/A
4	7680.800	49.12	-2.64	74.0	-24.88	Peak	185.00	100	Vertical	Pass
4**	7680.800	39.99	-2.64	54.0	-14.01	AV	185.00	100	Vertical	Pass
5	12550.475	52.86	1.47	74.0	-21.14	Peak	360.00	100	Vertical	Pass
5**	12550.475	43.64	1.47	54.0	-10.36	AV	360.00	100	Vertical	Pass
6	16096.088	55.98	1.30	74.0	-18.02	Peak	109.00	400	Vertical	Pass
6**	16096.088	46.51	1.30	54.0	-7.49	AV	109.00	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	1449.200	38.15	-17.41	74.0	-35.85	Peak	323.00	400	Horizontal	Pass
1**	1449.200	30.87	-17.41	54.0	-23.13	AV	323.00	400	Horizontal	Pass
2	4369.400	50.27	-4.35	74.0	-23.73	Peak	101.00	200	Horizontal	Pass
2**	4369.400	40.59	-4.35	54.0	-13.41	AV	101.00	200	Horizontal	Pass
3	5759.000	111.86	-1.95	--	--	Peak	111.00	200	Horizontal	N/A
3**	5759.000	104.44	-1.95	--	--	AV	111.00	200	Horizontal	N/A
4	7342.125	49.72	-3.67	74.0	-24.28	Peak	36.00	200	Horizontal	Pass
4**	7342.125	40.07	-3.67	54.0	-13.93	AV	36.00	200	Horizontal	Pass
5	12220.713	52.84	1.24	74.0	-21.16	Peak	316.00	150	Horizontal	Pass
5**	12220.713	43.70	1.24	54.0	-10.30	AV	316.00	150	Horizontal	Pass
6	16073.250	55.82	1.47	74.0	-18.18	Peak	70.00	400	Horizontal	Pass
6**	16073.250	45.87	1.47	54.0	-8.13	AV	70.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.500	38.74	-17.39	74.0	-35.26	Peak	46.00	100	Vertical	Pass
1**	1449.500	28.86	-17.39	54.0	-25.14	AV	46.00	100	Vertical	Pass
2	4355.400	50.33	-3.72	74.0	-23.67	Peak	138.00	400	Vertical	Pass
2**	4355.400	40.93	-3.72	54.0	-13.07	AV	138.00	400	Vertical	Pass
3	5751.000	103.12	-2.17	--	--	Peak	50.00	150	Vertical	N/A
3**	5751.000	95.31	-2.17	--	--	AV	50.00	150	Vertical	N/A
4	7341.837	49.23	-3.67	74.0	-24.77	Peak	197.00	200	Vertical	Pass
4**	7341.837	40.62	-3.67	54.0	-13.38	AV	197.00	200	Vertical	Pass
5	12214.388	53.38	1.16	74.0	-20.62	Peak	280.00	200	Vertical	Pass
5**	12214.388	43.36	1.16	54.0	-10.64	AV	280.00	200	Vertical	Pass
6	16100.287	56.07	1.19	74.0	-17.93	Peak	0.00	200	Vertical	Pass
6**	16100.287	47.15	1.19	54.0	-6.85	AV	0.00	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	1440.500	38.51	-17.46	74.0	-35.49	Peak	345.00	300	Horizontal	Pass
1**	1440.500	28.70	-17.46	54.0	-25.30	AV	345.00	300	Horizontal	Pass
2	4355.800	50.04	-3.70	74.0	-23.96	Peak	136.00	300	Horizontal	Pass
2**	4355.800	41.17	-3.70	54.0	-12.83	AV	136.00	300	Horizontal	Pass
3	5789.800	110.63	-2.53	--	--	Peak	115.00	150	Horizontal	N/A
3**	5789.800	102.12	-2.53	--	--	AV	115.00	150	Horizontal	N/A
4	7343.563	49.63	-3.57	74.0	-24.37	Peak	2.00	100	Horizontal	Pass
4**	7343.563	41.06	-3.57	54.0	-12.94	AV	2.00	100	Horizontal	Pass
5	12604.526	53.02	1.91	74.0	-20.98	Peak	149.00	100	Horizontal	Pass
5**	12604.526	43.87	1.91	54.0	-10.13	AV	149.00	100	Horizontal	Pass
6	15617.025	55.44	1.55	74.0	-18.56	Peak	285.00	400	Horizontal	Pass
6**	15617.025	45.72	1.55	54.0	-8.28	AV	285.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.900	38.37	-17.53	74.0	-35.63	Peak	106.00	200	Vertical	Pass
1**	1566.900	28.83	-17.53	54.0	-25.17	AV	106.00	200	Vertical	Pass
2	4366.200	49.75	-4.06	74.0	-24.25	Peak	61.00	100	Vertical	Pass
2**	4366.200	40.80	-4.06	54.0	-13.20	AV	61.00	100	Vertical	Pass
3	5802.600	102.45	-2.53	--	--	Peak	191.00	150	Vertical	N/A
3**	5802.600	94.12	-2.53	--	--	AV	191.00	150	Vertical	N/A
4	7373.750	49.89	-3.75	74.0	-24.11	Peak	247.00	100	Vertical	Pass
4**	7373.750	41.41	-3.75	54.0	-12.59	AV	247.00	100	Vertical	Pass
5	12440.362	53.98	1.78	74.0	-20.02	Peak	132.00	150	Vertical	Pass
5**	12440.362	44.79	1.78	54.0	-9.21	AV	132.00	150	Vertical	Pass
6	16099.237	55.45	1.22	74.0	-18.55	Peak	111.00	200	Vertical	Pass
6**	16099.237	46.10	1.22	54.0	-7.90	AV	111.00	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	1596.700	38.42	-17.66	74.0	-35.58	Peak	185.00	200	Horizontal	Pass
1**	1596.700	29.06	-17.66	54.0	-24.94	AV	185.00	200	Horizontal	Pass
2	4373.000	50.31	-4.37	74.0	-23.69	Peak	330.00	300	Horizontal	Pass
2**	4373.000	41.29	-4.37	54.0	-12.71	AV	330.00	300	Horizontal	Pass
3	5750.800	111.83	-2.17	--	--	Peak	115.00	200	Horizontal	N/A
3**	5750.800	103.76	-2.17	--	--	AV	115.00	200	Horizontal	N/A
4	7342.413	49.58	-3.65	74.0	-24.42	Peak	34.00	100	Horizontal	Pass
4**	7342.413	41.73	-3.65	54.0	-12.27	AV	34.00	100	Horizontal	Pass
5	11955.063	53.56	1.16	74.0	-20.44	Peak	118.00	100	Horizontal	Pass
5**	11955.063	43.51	1.16	54.0	-10.49	AV	118.00	100	Horizontal	Pass
6	15846.187	55.70	1.36	74.0	-18.30	Peak	151.00	100	Horizontal	Pass
6**	15846.187	47.13	1.36	54.0	-6.87	AV	151.00	100	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	1603.500	38.43	-17.60	74.0	-35.57	Peak	357.00	400	Vertical	Pass
1**	1603.500	28.58	-17.60	54.0	-25.42	AV	357.00	400	Vertical	Pass
2	4224.200	50.36	-4.81	74.0	-23.64	Peak	7.00	400	Vertical	Pass
2**	4224.200	40.93	-4.81	54.0	-13.07	AV	7.00	400	Vertical	Pass
3	5743.400	103.65	-2.28	--	--	Peak	184.00	150	Vertical	N/A
3**	5743.400	95.93	-2.28	--	--	AV	184.00	150	Vertical	N/A
4	7676.487	49.20	-2.41	74.0	-24.80	Peak	19.00	400	Vertical	Pass
4**	7676.487	39.72	-2.41	54.0	-14.28	AV	19.00	400	Vertical	Pass
5	12315.588	52.75	1.41	74.0	-21.25	Peak	35.00	100	Vertical	Pass
5**	12315.588	43.10	1.41	54.0	-10.90	AV	35.00	100	Vertical	Pass
6	16096.349	55.97	1.29	74.0	-18.03	Peak	222.00	200	Vertical	Pass
6**	16096.349	46.69	1.29	54.0	-7.31	AV	222.00	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	1442.000	38.47	-17.44	74.0	-35.53	Peak	108.00	400	Horizontal	Pass
1**	1442.000	29.21	-17.44	54.0	-24.79	AV	108.00	400	Horizontal	Pass
2	4364.000	50.45	-3.88	74.0	-23.55	Peak	312.00	100	Horizontal	Pass
2**	4364.000	41.32	-3.88	54.0	-12.68	AV	312.00	100	Horizontal	Pass
3	5783.000	111.63	-2.22	--	--	Peak	46.00	150	Horizontal	N/A
3**	5783.000	104.36	-2.22	--	--	AV	46.00	150	Horizontal	N/A
4	7382.375	49.63	-3.83	74.0	-24.37	Peak	83.00	100	Horizontal	Pass
4**	7382.375	39.97	-3.83	54.0	-14.03	AV	83.00	100	Horizontal	Pass
5	12216.974	52.35	1.20	74.0	-21.65	Peak	301.00	100	Horizontal	Pass
5**	12216.974	43.81	1.20	54.0	-10.19	AV	301.00	100	Horizontal	Pass
6	15839.887	55.92	1.45	74.0	-18.08	Peak	80.00	400	Horizontal	Pass
6**	15839.887	45.96	1.45	54.0	-8.04	AV	80.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.400	38.88	-17.54	74.0	-35.12	Peak	93.00	400	Vertical	Pass
1**	1493.400	28.77	-17.54	54.0	-25.23	AV	93.00	400	Vertical	Pass
2	4343.600	49.93	-4.40	74.0	-24.07	Peak	101.00	400	Vertical	Pass
2**	4343.600	40.54	-4.40	54.0	-13.46	AV	101.00	400	Vertical	Pass
3	5787.400	103.88	-2.46	--	--	Peak	44.00	100	Vertical	N/A
3**	5787.400	96.40	-2.46	--	--	AV	44.00	100	Vertical	N/A
4	7333.500	49.38	-3.51	74.0	-24.62	Peak	0.00	100	Vertical	Pass
4**	7333.500	40.18	-3.51	54.0	-13.82	AV	0.00	100	Vertical	Pass
5	11941.838	52.50	1.63	74.0	-21.50	Peak	0.00	100	Vertical	Pass
5**	11941.838	43.23	1.63	54.0	-10.77	AV	0.00	100	Vertical	Pass
6	15841.200	54.87	1.43	74.0	-19.13	Peak	228.00	300	Vertical	Pass
6**	15841.200	45.66	1.43	54.0	-8.34	AV	228.00	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	1500.000	38.15	-17.56	74.0	-35.85	Peak	131.00	150	Horizontal	Pass
1**	1500.000	30.09	-17.56	54.0	-23.91	AV	131.00	150	Horizontal	Pass
2	4363.600	50.22	-3.86	74.0	-23.78	Peak	185.00	100	Horizontal	Pass
2**	4363.600	40.85	-3.86	54.0	-13.15	AV	185.00	100	Horizontal	Pass
3	5829.800	111.89	-2.18	--	--	Peak	118.00	100	Horizontal	N/A
3**	5829.800	104.48	-2.18	--	--	AV	118.00	100	Horizontal	N/A
4	7374.900	49.65	-3.74	74.0	-24.35	Peak	95.00	400	Horizontal	Pass
4**	7374.900	41.94	-3.74	54.0	-12.06	AV	95.00	400	Horizontal	Pass
5	11638.525	52.08	-0.23	74.0	-21.92	Peak	221.00	200	Horizontal	Pass
5**	11638.525	43.08	-0.23	54.0	-10.92	AV	221.00	200	Horizontal	Pass
6	15618.600	54.40	1.59	74.0	-19.60	Peak	355.00	200	Horizontal	Pass
6**	15618.600	45.99	1.59	54.0	-8.01	AV	355.00	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	1497.500	40.68	-17.56	74.0	-33.32	Peak	100.00	100	Vertical	Pass
1**	1497.500	32.25	-17.56	54.0	-21.75	AV	100.00	100	Vertical	Pass
2	4372.200	50.02	-4.39	74.0	-23.98	Peak	134.00	200	Vertical	Pass
2**	4372.200	40.63	-4.39	54.0	-13.37	AV	134.00	200	Vertical	Pass
3	5822.800	104.91	-2.41	--	--	Peak	249.00	100	Vertical	N/A
3**	5822.800	97.14	-2.41	--	--	AV	249.00	100	Vertical	N/A
4	7360.237	49.42	-4.04	74.0	-24.58	Peak	253.00	400	Vertical	Pass
4**	7360.237	40.06	-4.04	54.0	-13.94	AV	253.00	400	Vertical	Pass
5	11340.675	52.12	0.25	74.0	-21.88	Peak	230.00	150	Vertical	Pass
5**	11340.675	42.39	0.25	54.0	-11.61	AV	230.00	150	Vertical	Pass
6	15847.500	54.48	1.35	74.0	-19.52	Peak	128.00	400	Vertical	Pass
6**	15847.500	46.10	1.35	54.0	-7.90	AV	128.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.000	38.87	-17.42	74.0	-35.13	Peak	111.00	300	Horizontal	Pass
1**	1438.000	29.68	-17.42	54.0	-24.32	AV	111.00	300	Horizontal	Pass
2	4354.800	49.49	-3.75	74.0	-24.51	Peak	344.00	400	Horizontal	Pass
2**	4354.800	40.74	-3.75	54.0	-13.26	AV	344.00	400	Horizontal	Pass
3	5758.000	108.54	-1.99	--	--	Peak	117.00	100	Horizontal	N/A
3**	5758.000	102.03	-1.99	--	--	AV	117.00	100	Horizontal	N/A
4	7673.900	49.84	-2.46	74.0	-24.16	Peak	51.00	300	Horizontal	Pass
4**	7673.900	40.46	-2.46	54.0	-13.54	AV	51.00	300	Horizontal	Pass
5	12240.550	52.16	1.06	74.0	-21.84	Peak	265.00	150	Horizontal	Pass
5**	12240.550	42.61	1.06	54.0	-11.39	AV	265.00	150	Horizontal	Pass
6	15849.600	54.75	1.33	74.0	-19.25	Peak	109.00	150	Horizontal	Pass
6**	15849.600	45.63	1.33	54.0	-8.37	AV	109.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	39.55	-17.52	74.0	-34.45	Peak	114.00	300	Vertical	Pass
1**	1492.900	28.49	-17.52	54.0	-25.51	AV	114.00	300	Vertical	Pass
2	4357.800	49.29	-3.75	74.0	-24.71	Peak	84.00	400	Vertical	Pass
2**	4357.800	40.60	-3.75	54.0	-13.40	AV	84.00	400	Vertical	Pass
3	5744.800	100.27	-2.36	--	--	Peak	190.00	100	Vertical	N/A
3**	5744.800	92.80	-2.36	--	--	AV	190.00	100	Vertical	N/A
4	7384.388	49.78	-3.86	74.0	-24.22	Peak	141.00	100	Vertical	Pass
4**	7384.388	39.55	-3.86	54.0	-14.45	AV	141.00	100	Vertical	Pass
5	12212.662	52.19	1.11	74.0	-21.81	Peak	121.00	150	Vertical	Pass
5**	12212.662	43.36	1.11	54.0	-10.64	AV	121.00	150	Vertical	Pass
6	15841.463	54.64	1.42	74.0	-19.36	Peak	62.00	200	Vertical	Pass
6**	15841.463	46.55	1.42	54.0	-7.45	AV	62.00	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	1474.000	37.61	-17.54	74.0	-36.39	Peak	157.00	150	Horizontal	Pass
1**	1474.000	29.18	-17.54	54.0	-24.82	AV	157.00	150	Horizontal	Pass
2	4273.600	49.26	-4.51	74.0	-24.74	Peak	360.00	150	Horizontal	Pass
2**	4273.600	40.02	-4.51	54.0	-13.98	AV	360.00	150	Horizontal	Pass
3	5797.800	108.52	-2.73	--	--	Peak	92.00	150	Horizontal	N/A
3**	5797.800	100.63	-2.73	--	--	AV	92.00	150	Horizontal	N/A
4	7495.938	49.22	-3.81	74.0	-24.78	Peak	147.00	300	Horizontal	Pass
4**	7495.938	39.82	-3.81	54.0	-14.18	AV	147.00	300	Horizontal	Pass
5	12223.013	52.28	1.27	74.0	-21.72	Peak	264.00	200	Horizontal	Pass
5**	12223.013	43.28	1.27	54.0	-10.72	AV	264.00	200	Horizontal	Pass
6	15821.250	54.63	1.82	74.0	-19.37	Peak	231.00	400	Horizontal	Pass
6**	15821.250	44.95	1.82	54.0	-9.05	AV	231.00	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	1498.400	39.37	-17.54	74.0	-34.63	Peak	118.00	300	Vertical	Pass
1**	1498.400	29.36	-17.54	54.0	-24.64	AV	118.00	300	Vertical	Pass
2	4302.800	50.09	-4.88	74.0	-23.91	Peak	158.00	100	Vertical	Pass
2**	4302.800	39.92	-4.88	54.0	-14.08	AV	158.00	100	Vertical	Pass
3	5791.600	100.15	-2.57	--	--	Peak	182.00	200	Vertical	N/A
3**	5791.600	93.10	-2.57	--	--	AV	182.00	200	Vertical	N/A
4	7346.150	49.94	-3.81	74.0	-24.06	Peak	310.00	400	Vertical	Pass
4**	7346.150	40.48	-3.81	54.0	-13.52	AV	310.00	400	Vertical	Pass
5	12219.563	52.34	1.22	74.0	-21.66	Peak	3.00	200	Vertical	Pass
5**	12219.563	43.59	1.22	54.0	-10.41	AV	3.00	200	Vertical	Pass
6	15848.025	54.70	1.35	74.0	-19.30	Peak	84.00	150	Vertical	Pass
6**	15848.025	45.68	1.35	54.0	-8.32	AV	84.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.700	38.09	-17.51	74.0	-35.91	Peak	333.00	150	Horizontal	Pass
1**	1539.700	28.85	-17.51	54.0	-25.15	AV	333.00	150	Horizontal	Pass
2	4342.600	49.28	-4.34	74.0	-24.72	Peak	360.00	100	Horizontal	Pass
2**	4342.600	40.51	-4.34	54.0	-13.49	AV	360.00	100	Horizontal	Pass
3	5767.000	105.73	-1.82	--	--	Peak	116.00	200	Horizontal	N/A
3**	5767.000	98.23	-1.82	--	--	AV	116.00	200	Horizontal	N/A
4	7643.713	49.34	-3.45	74.0	-24.66	Peak	230.00	200	Horizontal	Pass
4**	7643.713	38.72	-3.45	54.0	-15.28	AV	230.00	200	Horizontal	Pass
5	12227.900	52.92	1.31	74.0	-21.08	Peak	287.00	150	Horizontal	Pass
5**	12227.900	43.65	1.31	54.0	-10.35	AV	287.00	150	Horizontal	Pass
6	15828.338	54.14	1.54	74.0	-19.86	Peak	271.00	150	Horizontal	Pass
6**	15828.338	45.17	1.54	54.0	-8.83	AV	271.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.600	38.84	-17.53	74.0	-35.16	Peak	151.00	100	Vertical	Pass
1**	1468.600	28.28	-17.53	54.0	-25.72	AV	151.00	100	Vertical	Pass
2	4355.200	50.31	-3.73	74.0	-23.69	Peak	326.00	400	Vertical	Pass
2**	4355.200	41.03	-3.73	54.0	-12.97	AV	326.00	400	Vertical	Pass
3	5791.400	97.58	-2.57	--	--	Peak	28.00	150	Vertical	N/A
3**	5791.400	90.97	-2.57	--	--	AV	28.00	150	Vertical	N/A
4	7499.675	49.14	-3.73	74.0	-24.86	Peak	125.00	300	Vertical	Pass
4**	7499.675	39.55	-3.73	54.0	-14.45	AV	125.00	300	Vertical	Pass
5	12001.063	52.40	1.28	74.0	-21.60	Peak	156.00	150	Vertical	Pass
5**	12001.063	42.68	1.28	54.0	-11.32	AV	156.00	150	Vertical	Pass
6	15843.299	54.50	1.39	74.0	-19.50	Peak	126.00	400	Vertical	Pass
6**	15843.299	45.15	1.39	54.0	-8.85	AV	126.00	400	Vertical	Pass

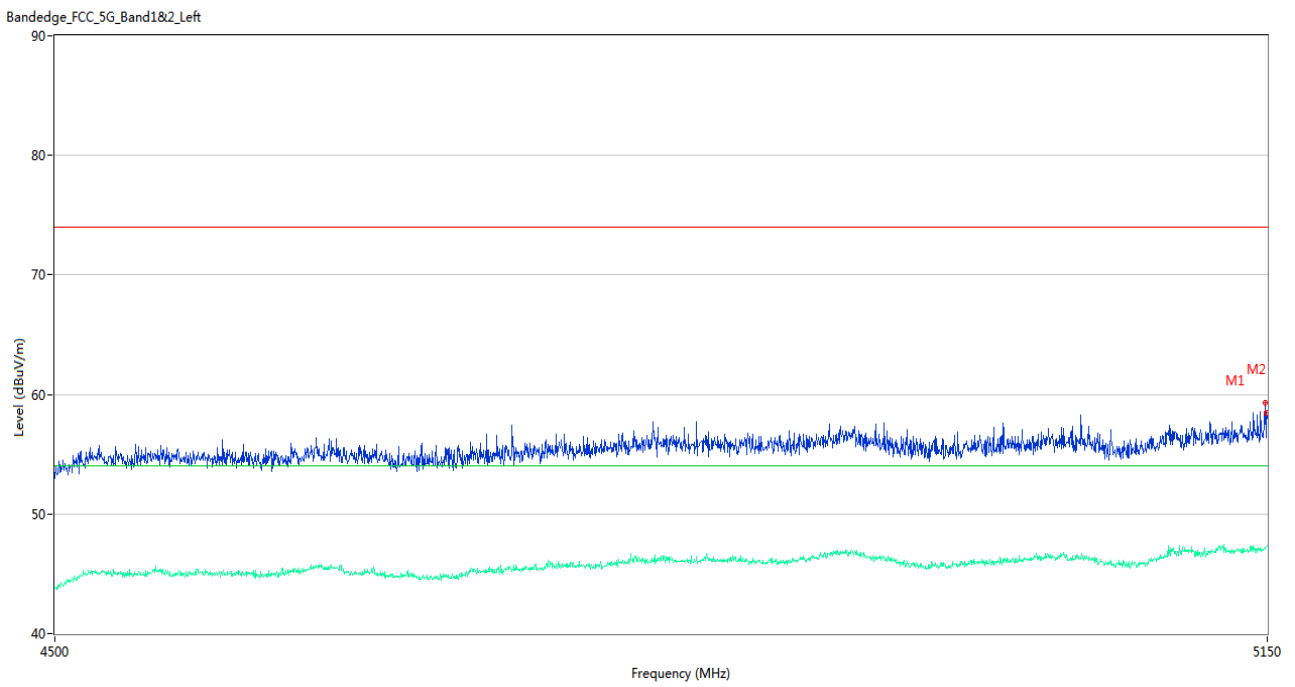
A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	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 Data and Plots

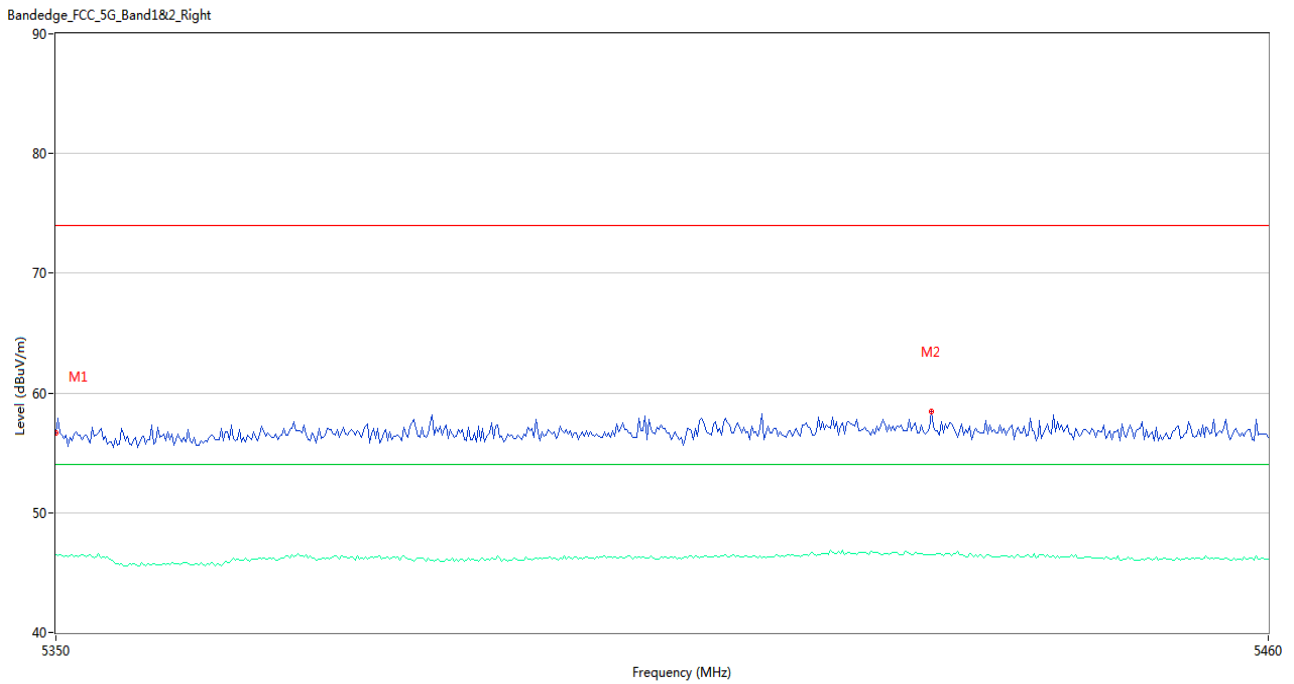
Main Antenna

U-NII-1 11a CH36



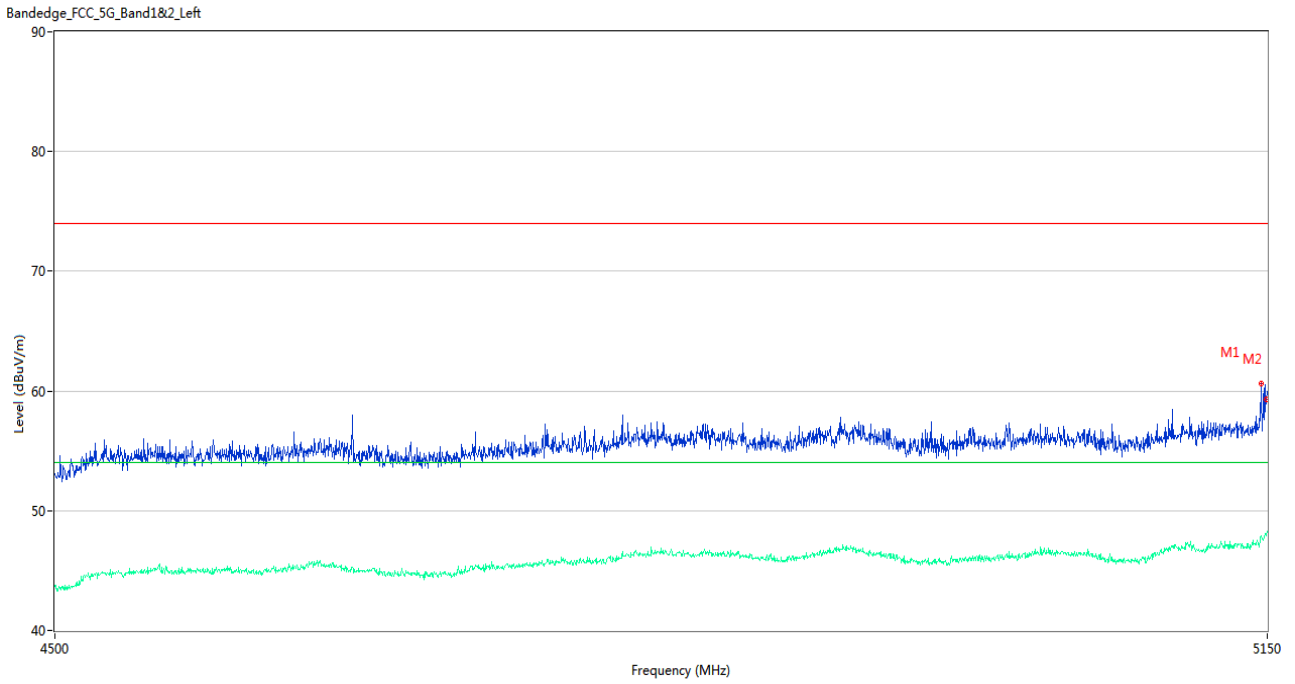
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	59.26	3.35	74.0	-14.74	Peak	92.00	150	Horizontal	Pass
1**	5148.700	47.05	3.35	54.0	-6.95	AV	92.00	150	Horizontal	Pass
2	5149.675	58.45	3.26	74.0	-15.55	Peak	79.00	200	Horizontal	Pass
2**	5149.675	47.28	3.26	54.0	-6.72	AV	79.00	200	Horizontal	Pass

U-NII-1 11a CH48



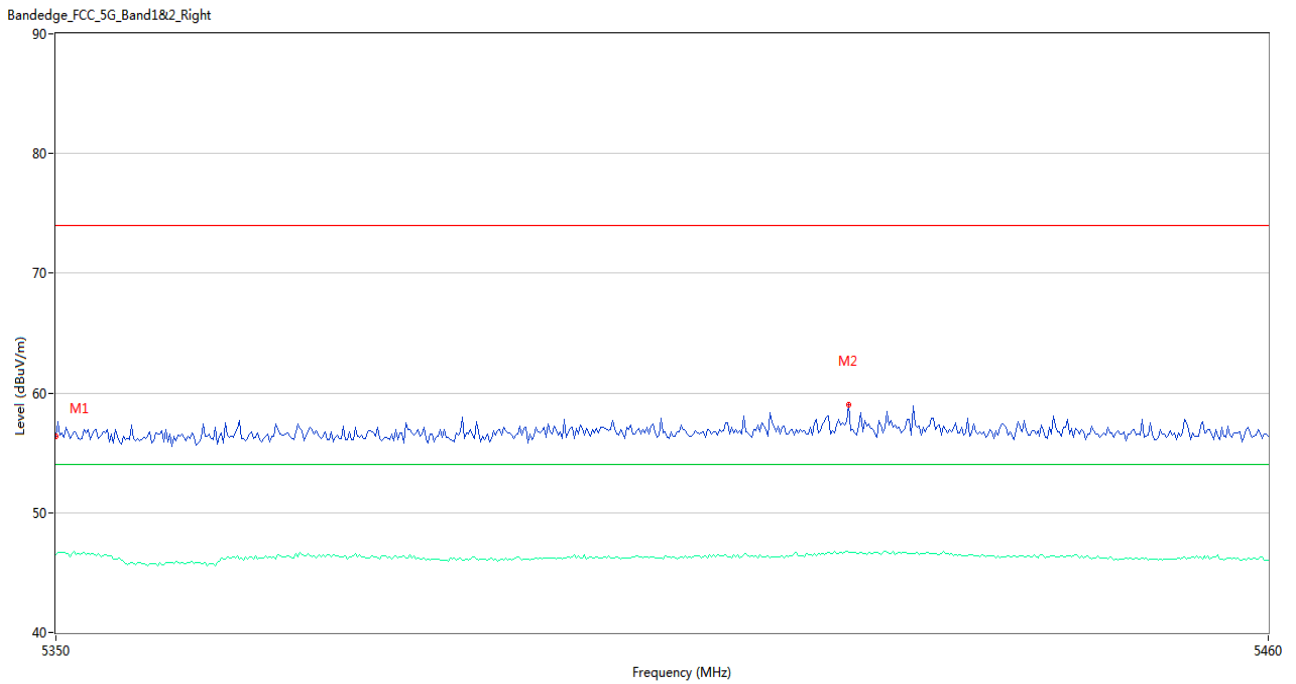
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.67	2.98	74.0	-17.33	Peak	113.00	150	Horizontal	Pass
1**	5350.000	46.46	2.98	54.0	-7.54	AV	113.00	150	Horizontal	Pass
2	5429.200	58.44	3.37	74.0	-15.56	Peak	242.00	150	Horizontal	Pass
2**	5429.200	46.54	3.37	54.0	-7.46	AV	242.00	150	Horizontal	Pass

U-NII-1 11n20 CH36



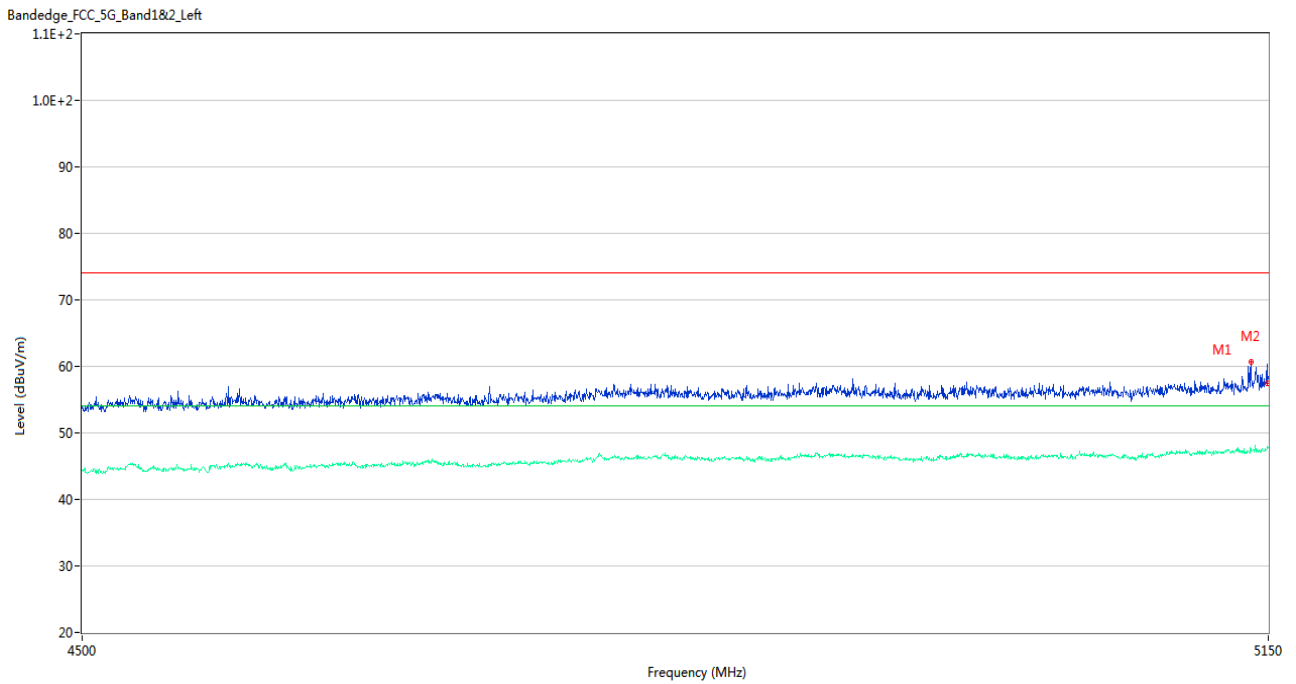
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	60.59	3.39	74.0	-13.41	Peak	86.00	100	Horizontal	Pass
1**	5146.425	47.86	3.39	54.0	-6.14	AV	86.00	100	Horizontal	Pass
2	5149.675	59.28	3.26	74.0	-14.72	Peak	86.00	200	Horizontal	Pass
2**	5149.675	47.99	3.26	54.0	-6.01	AV	86.00	200	Horizontal	Pass

U-NII-1 11n20 CH48



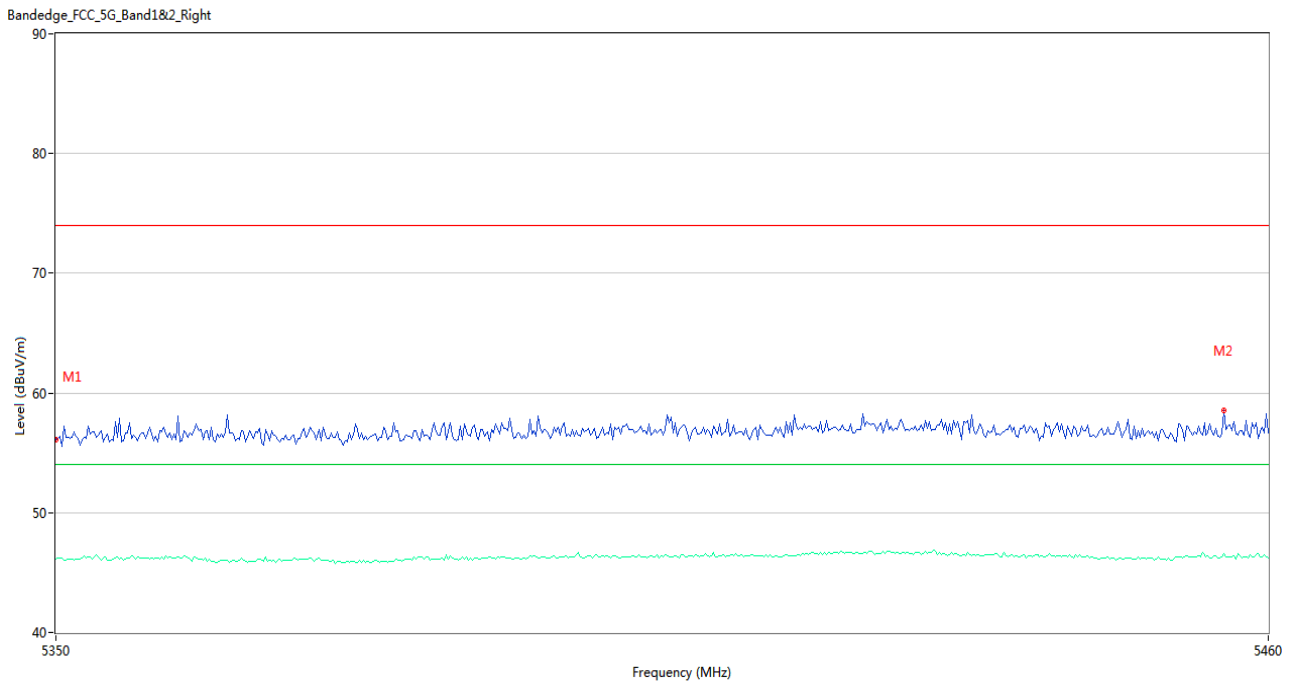
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.36	2.98	74.0	-17.64	Peak	8.00	100	Horizontal	Pass
1**	5350.000	46.52	2.98	54.0	-7.48	AV	8.00	100	Horizontal	Pass
2	5421.683	59.02	3.33	74.0	-14.98	Peak	212.00	200	Horizontal	Pass
2**	5421.683	46.71	3.33	54.0	-7.29	AV	212.00	200	Horizontal	Pass

U-NII-1 11n40 CH38



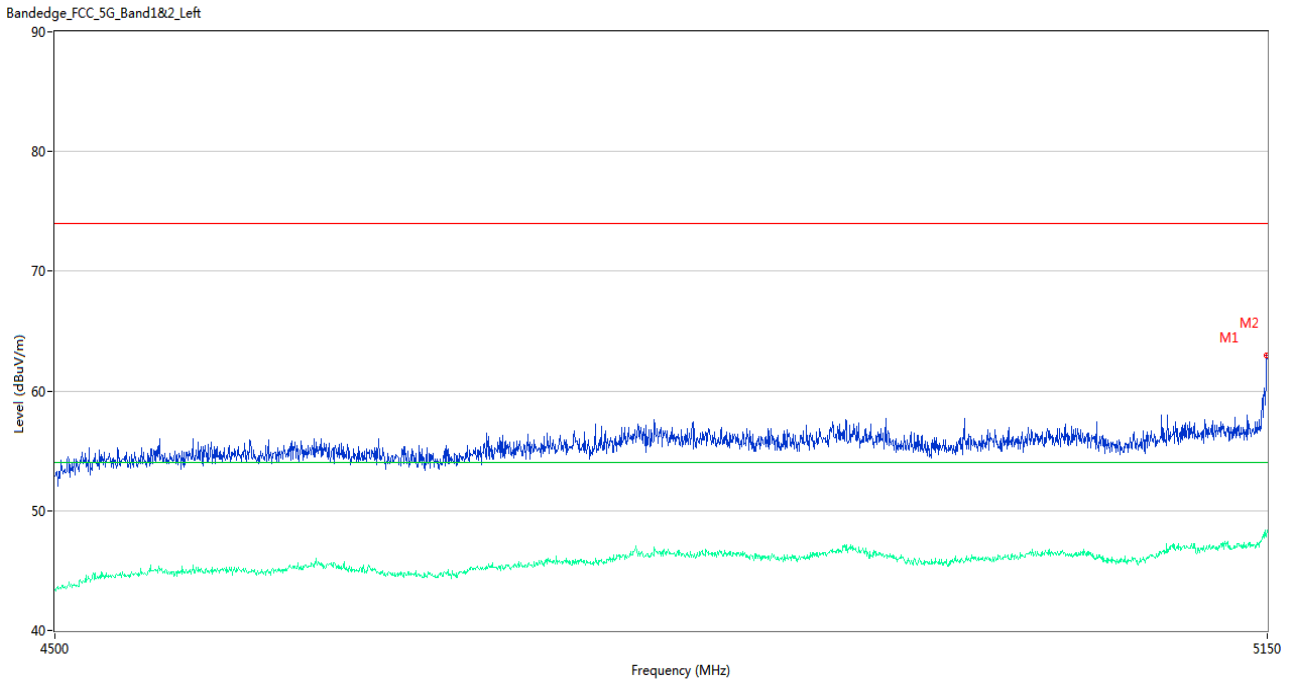
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.925	60.70	4.23	74.0	-13.30	Peak	202.00	200	Horizontal	Pass
1**	5139.925	47.21	4.23	54.0	-6.79	AV	202.00	200	Horizontal	Pass
2	5149.675	57.39	3.93	74.0	-16.61	Peak	262.00	150	Horizontal	Pass
2**	5149.675	47.93	3.93	54.0	-6.07	AV	262.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



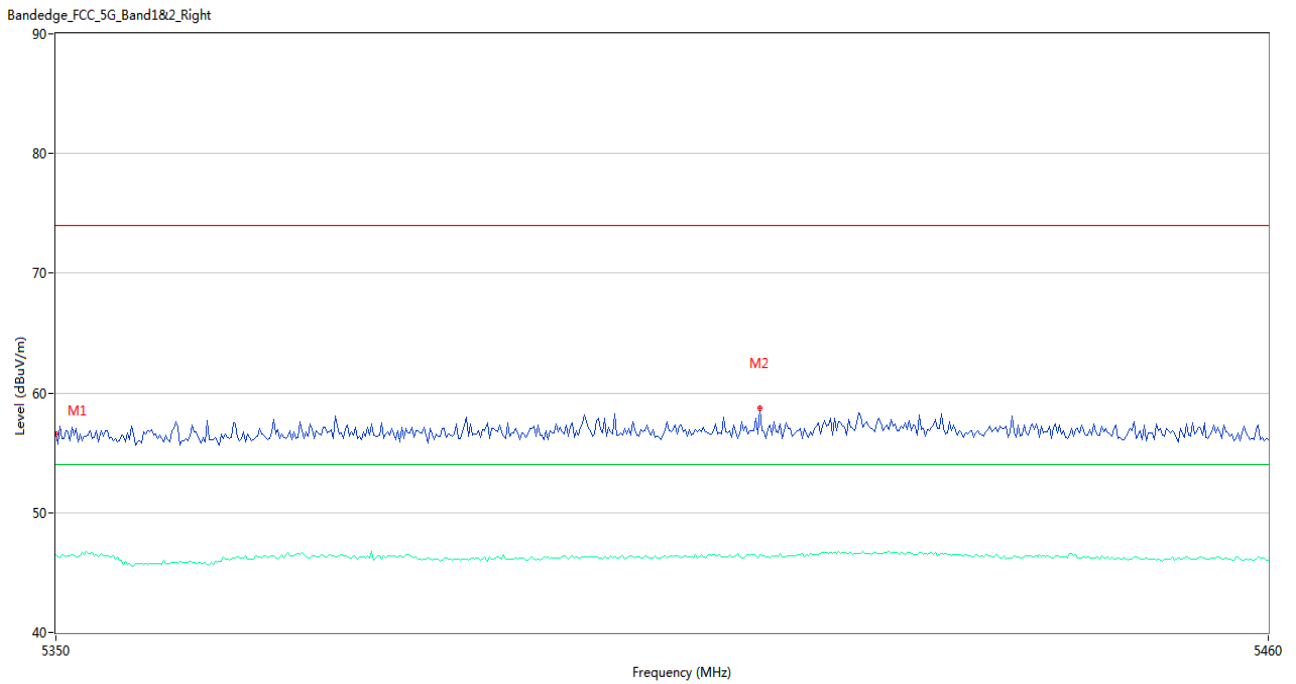
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.10	2.98	74.0	-17.90	Peak	59.00	200	Horizontal	Pass
1**	5350.000	46.09	2.98	54.0	-7.91	AV	59.00	200	Horizontal	Pass
2	5455.967	58.58	3.82	74.0	-15.42	Peak	114.00	200	Horizontal	Pass
2**	5455.967	46.55	3.82	54.0	-7.45	AV	114.00	200	Horizontal	Pass

U-NII-1 11ac20 CH36



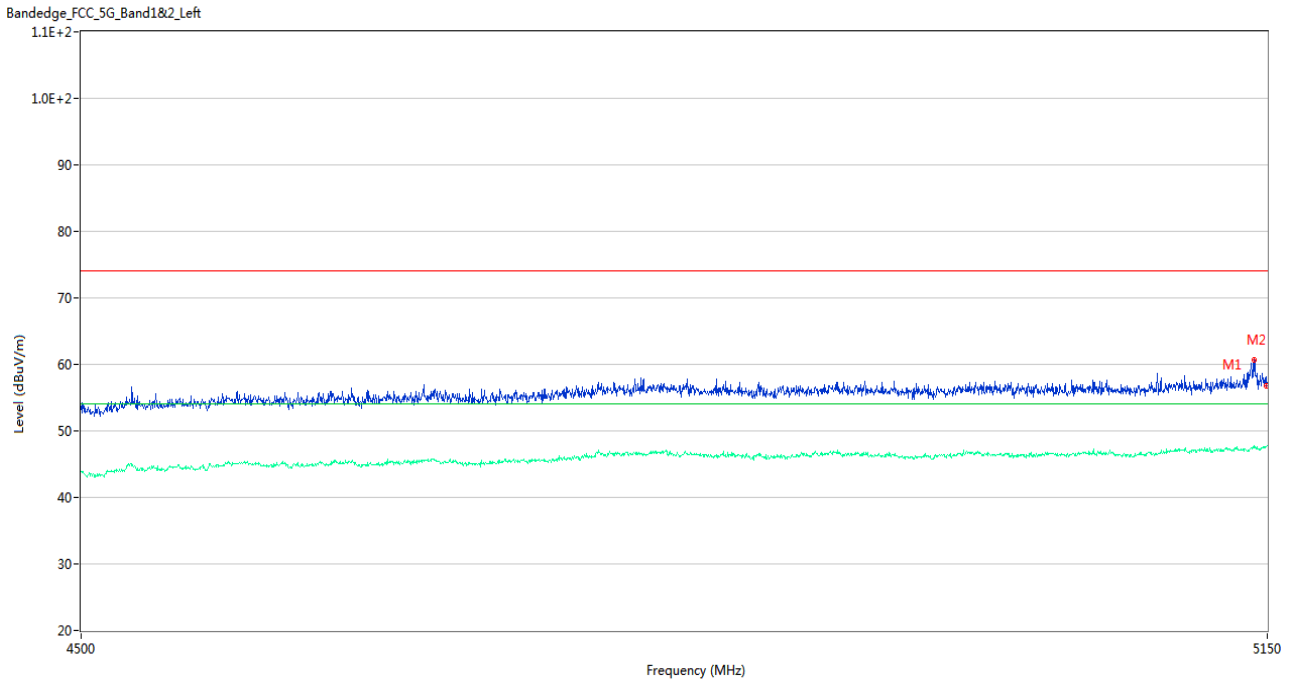
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	63.01	3.26	74.0	-10.99	Peak	71.00	150	Horizontal	Pass
1**	5149.675	47.83	3.26	54.0	-6.17	AV	71.00	150	Horizontal	Pass
2	5149.675	63.01	3.26	74.0	-10.99	Peak	71.00	200	Horizontal	Pass
2**	5149.675	47.83	3.26	54.0	-6.17	AV	71.00	200	Horizontal	Pass

U-NII-1 11ac20 CH48



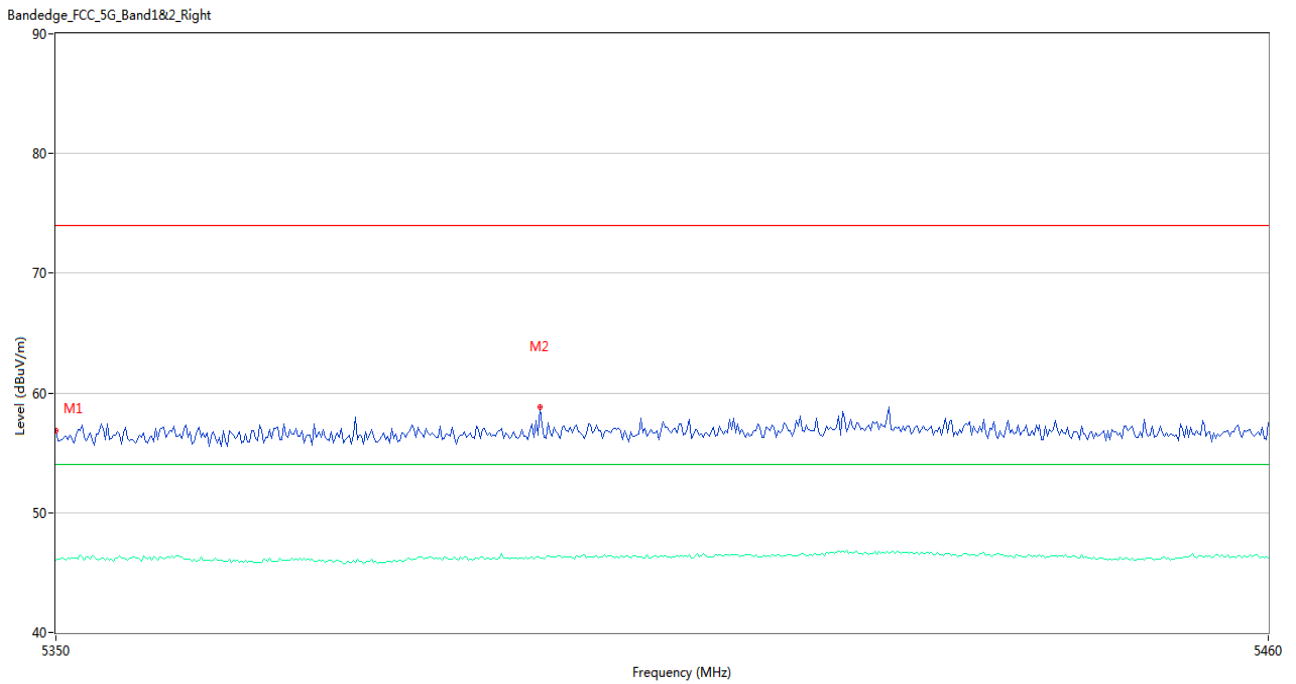
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.55	2.98	74.0	-17.45	Peak	37.00	100	Horizontal	Pass
1**	5350.000	46.52	2.98	54.0	-7.48	AV	37.00	100	Horizontal	Pass
2	5413.617	58.72	3.23	74.0	-15.28	Peak	50.00	200	Horizontal	Pass
2**	5413.617	46.51	3.23	54.0	-7.49	AV	50.00	200	Horizontal	Pass

U-NII-1 11ac40 CH38



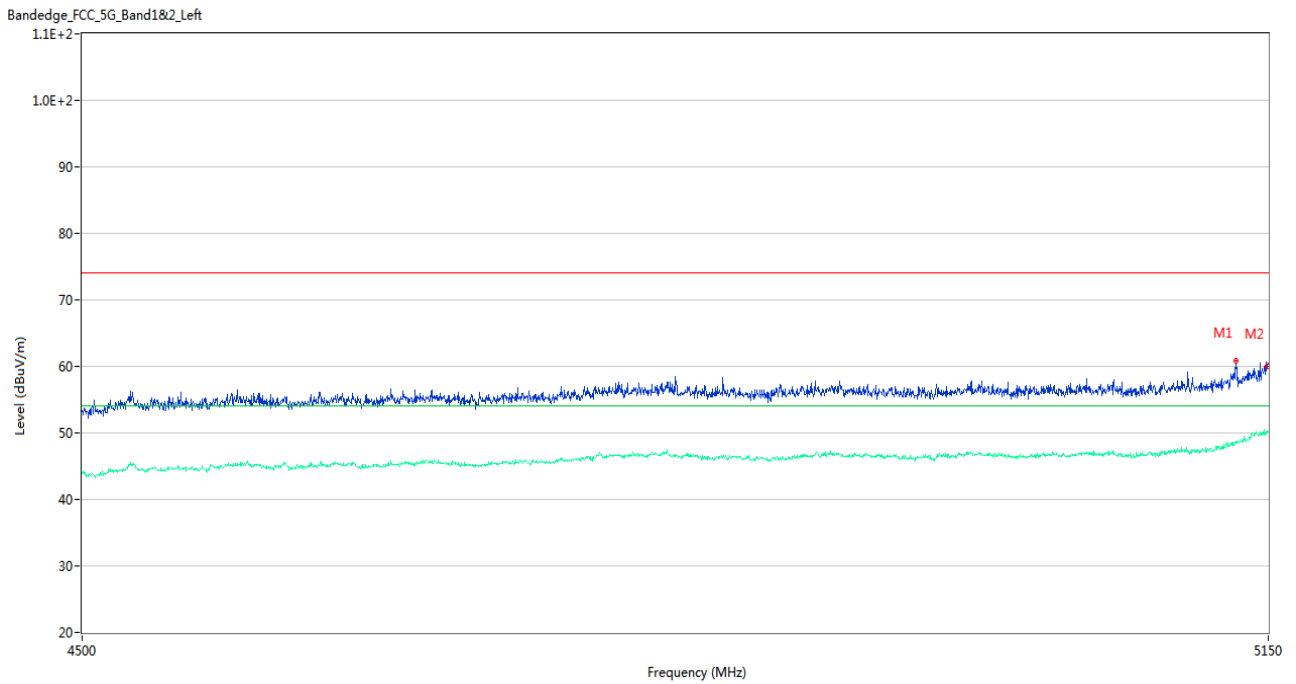
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.200	60.76	4.31	74.0	-13.24	Peak	199.00	200	Horizontal	Pass
1**	5142.200	47.74	4.31	54.0	-6.26	AV	199.00	200	Horizontal	Pass
2	5149.675	56.86	3.93	74.0	-17.14	Peak	199.00	150	Horizontal	Pass
2**	5149.675	47.59	3.93	54.0	-6.41	AV	199.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



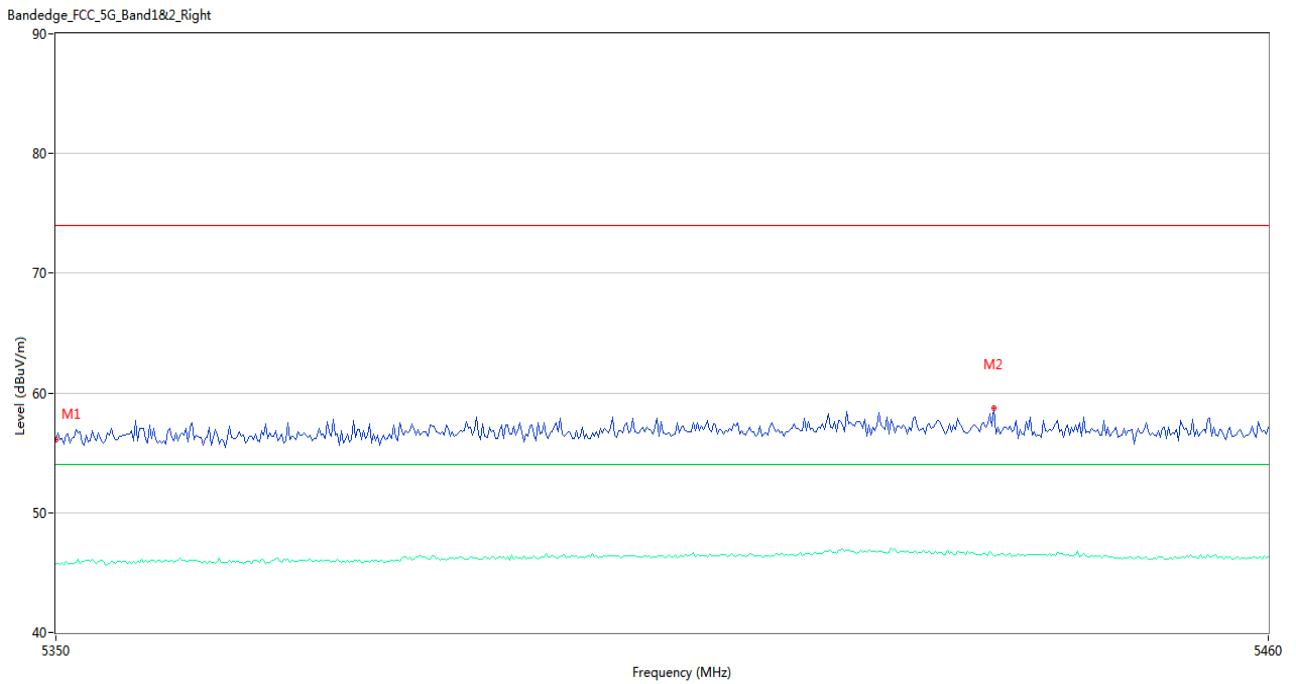
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.84	2.98	74.0	-17.16	Peak	123.00	200	Horizontal	Pass
1**	5350.000	46.00	2.98	54.0	-8.00	AV	123.00	200	Horizontal	Pass
2	5393.633	58.87	3.31	74.0	-15.13	Peak	146.00	150	Horizontal	Pass
2**	5393.633	46.19	3.31	54.0	-7.81	AV	146.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



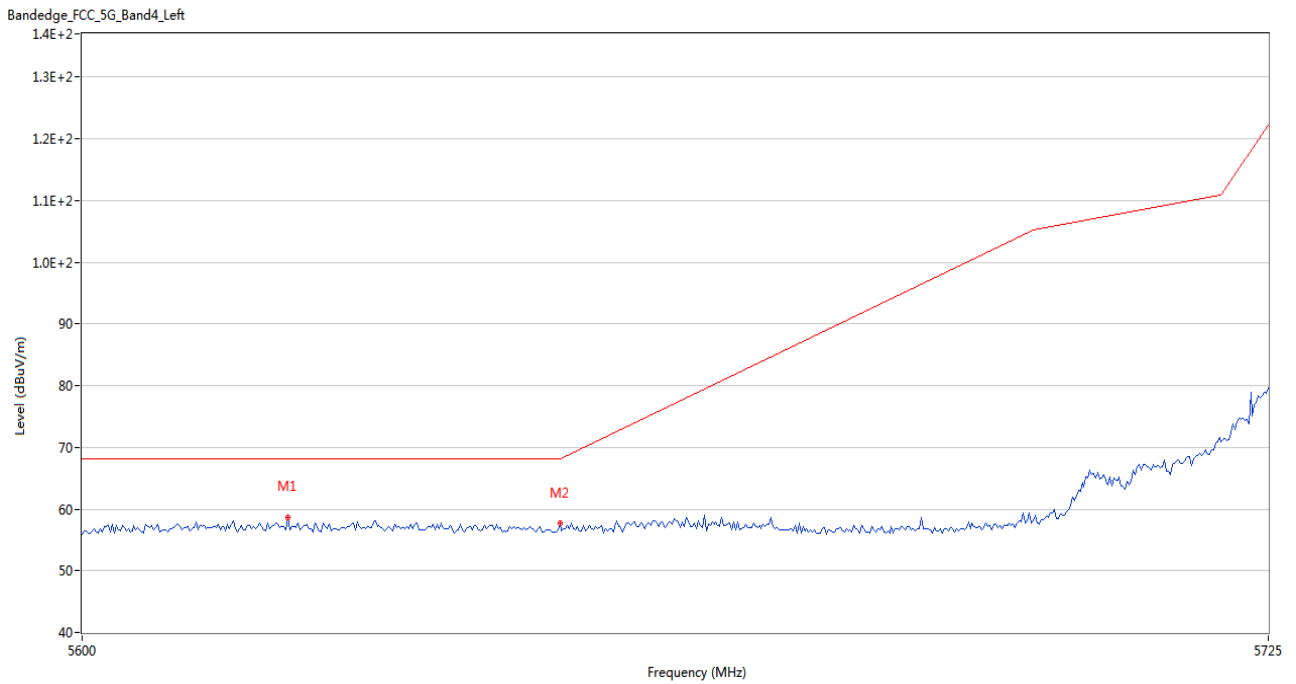
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5131.150	60.82	4.38	74.0	-13.18	Peak	271.00	150	Horizontal	Pass
1**	5131.150	48.40	4.38	54.0	-5.60	AV	271.00	150	Horizontal	Pass
2	5149.675	59.98	3.93	74.0	-14.02	Peak	240.00	200	Horizontal	Pass
2**	5149.675	50.39	3.93	54.0	-3.61	AV	240.00	200	Horizontal	Pass

U-NII-1 11ac80 CH42



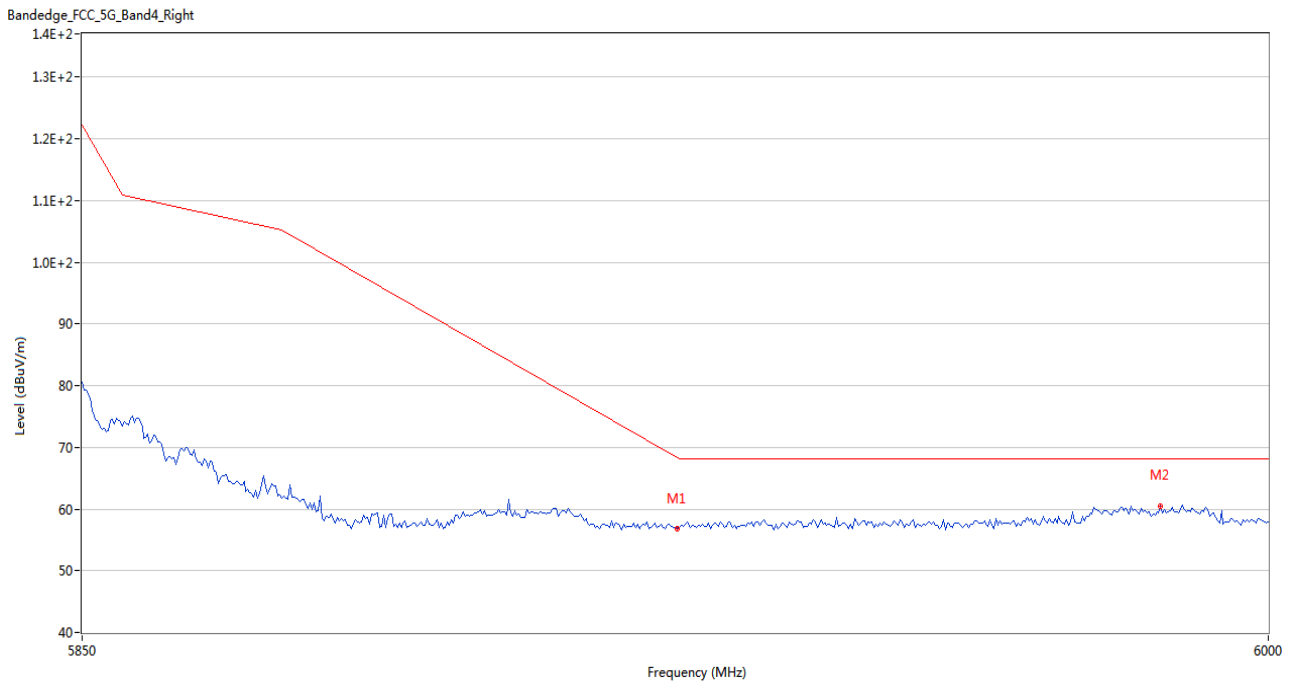
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.08	2.98	74.0	-17.92	Peak	90.00	100	Horizontal	Pass
1**	5350.000	45.71	2.98	54.0	-8.29	AV	90.00	100	Horizontal	Pass
2	5434.883	58.76	3.39	74.0	-15.24	Peak	225.00	150	Horizontal	Pass
2**	5434.883	46.41	3.39	54.0	-7.59	AV	225.00	150	Horizontal	Pass

U-NII-3 11a CH149



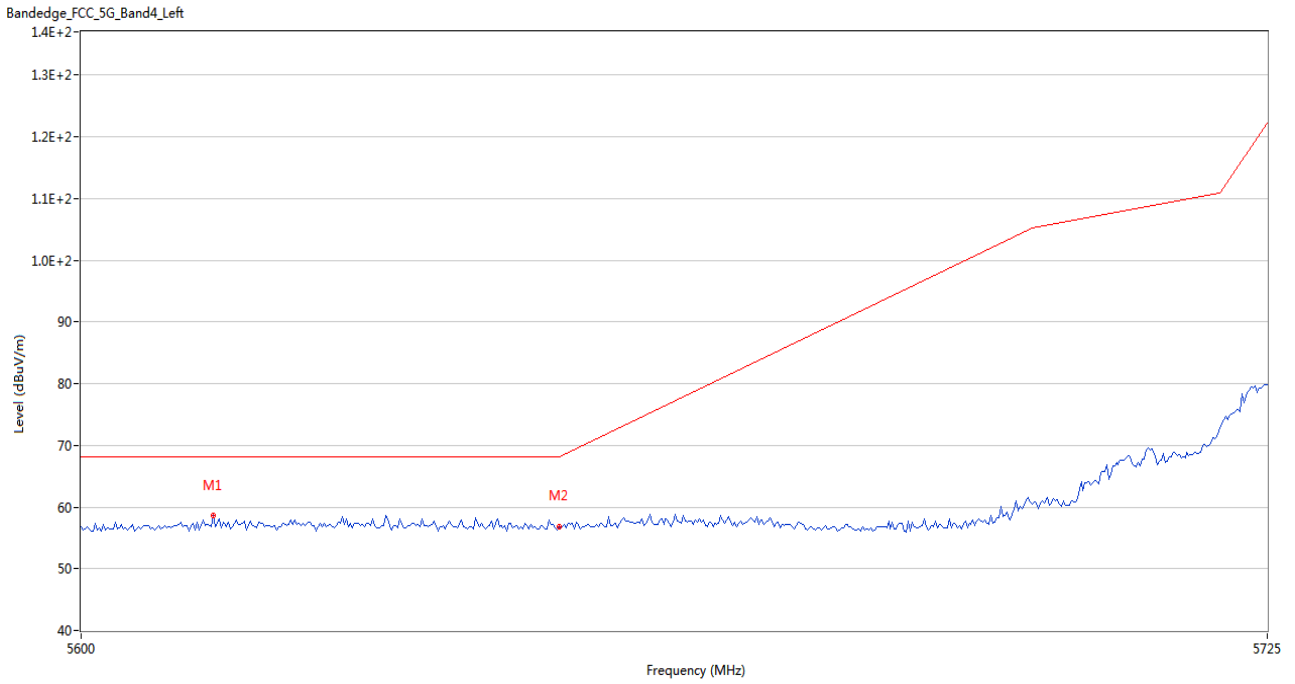
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5621.458	58.67	3.39	68.2	-9.53	Peak	72.00	150	Horizontal	Pass
2	5650.000	57.67	3.60	68.2	-10.53	Peak	219.00	150	Horizontal	Pass

U-NII-3 11a CH165



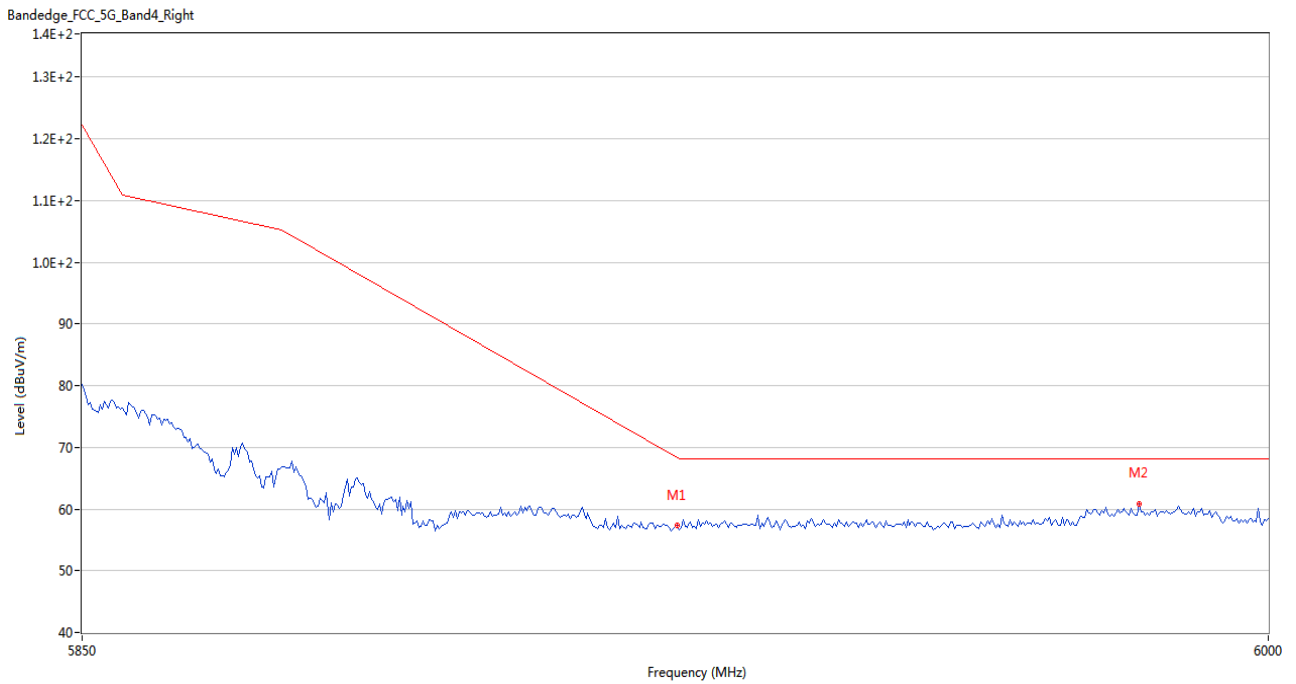
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.83	3.41	68.4	-11.57	Peak	76.00	150	Horizontal	Pass
2	5986.250	60.54	4.37	68.2	-7.66	Peak	12.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



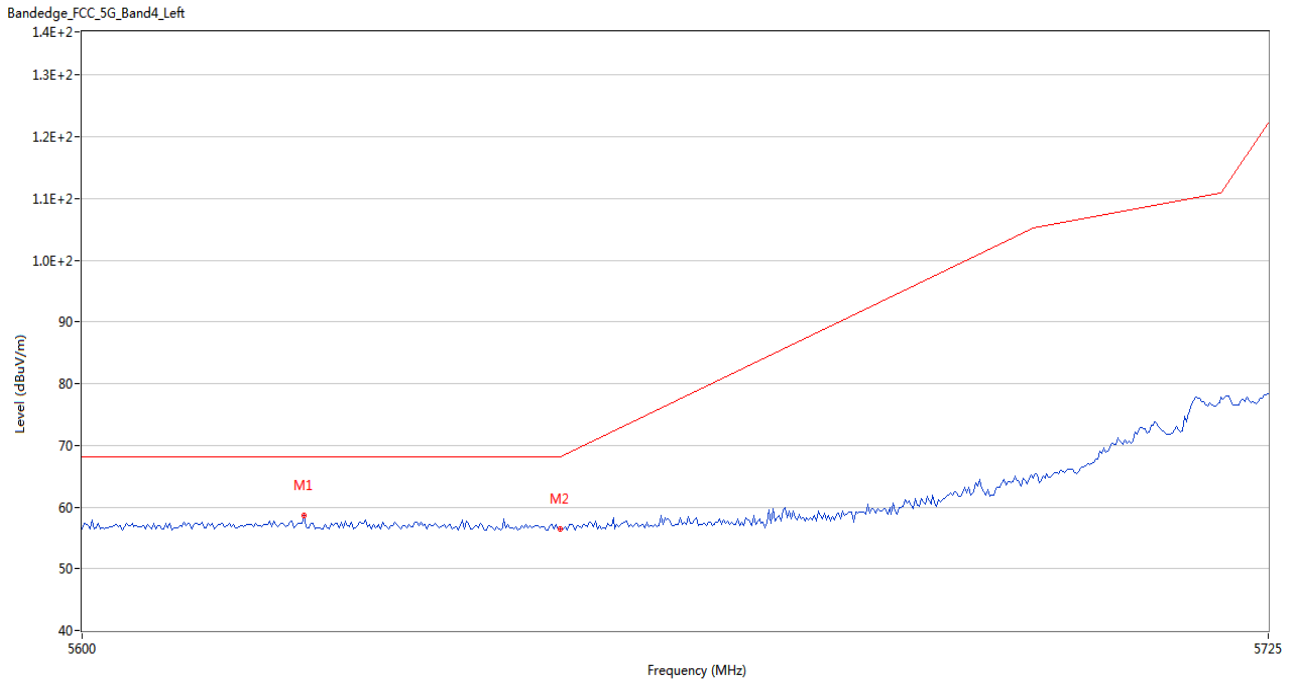
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5613.750	58.60	3.48	68.2	-9.60	Peak	320.00	200	Horizontal	Pass
2	5650.000	56.86	3.60	68.2	-11.34	Peak	360.00	200	Horizontal	Pass

U-NII-3 11n20 CH165



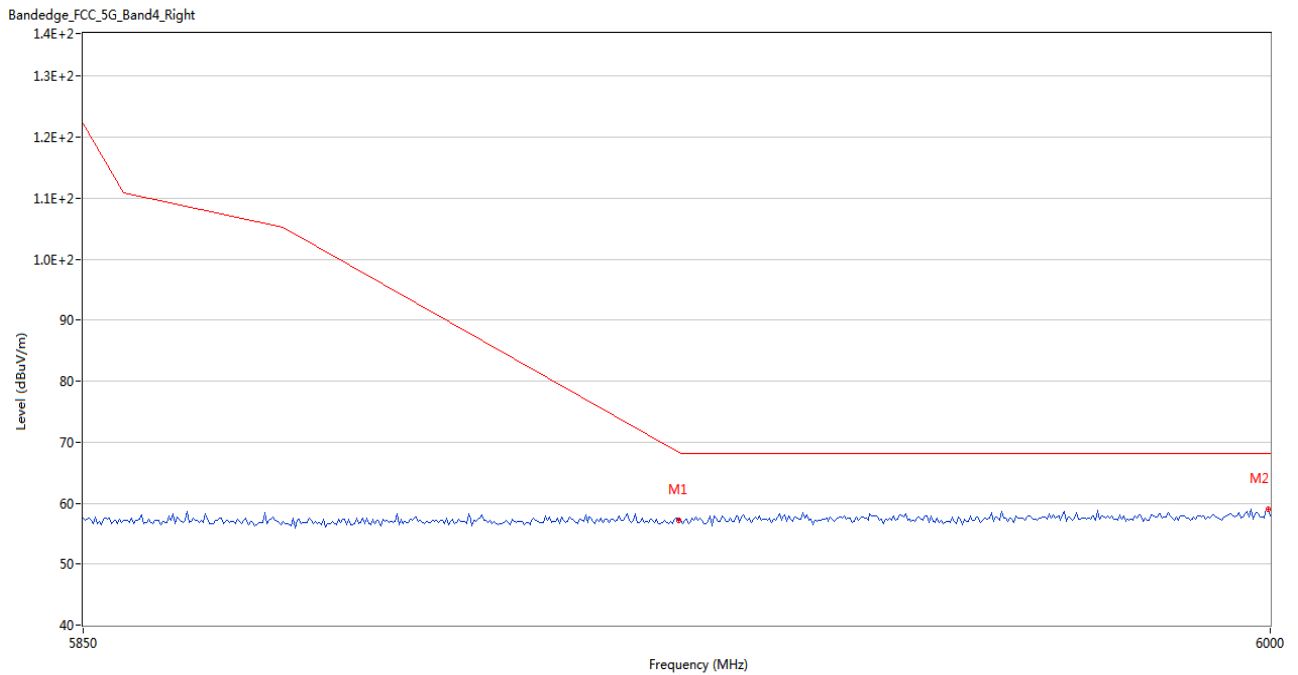
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.28	3.41	68.4	-11.12	Peak	192.00	200	Horizontal	Pass
2	5983.500	60.90	4.37	68.2	-7.30	Peak	17.00	100	Horizontal	Pass

U-NII-3 11n40 CH151



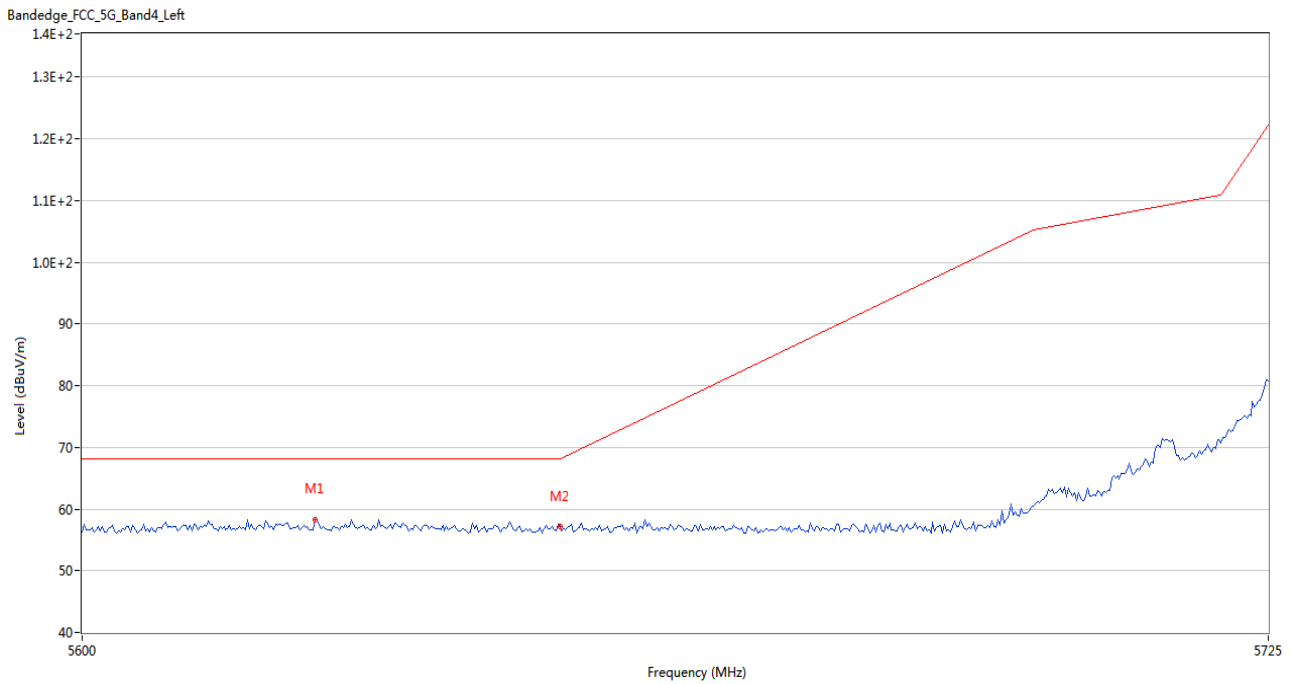
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5623.125	58.57	3.37	68.2	-9.63	Peak	253.00	150	Horizontal	Pass
2	5650.000	56.42	3.60	68.2	-11.78	Peak	45.00	100	Horizontal	Pass

U-NII-3 11n40 CH159



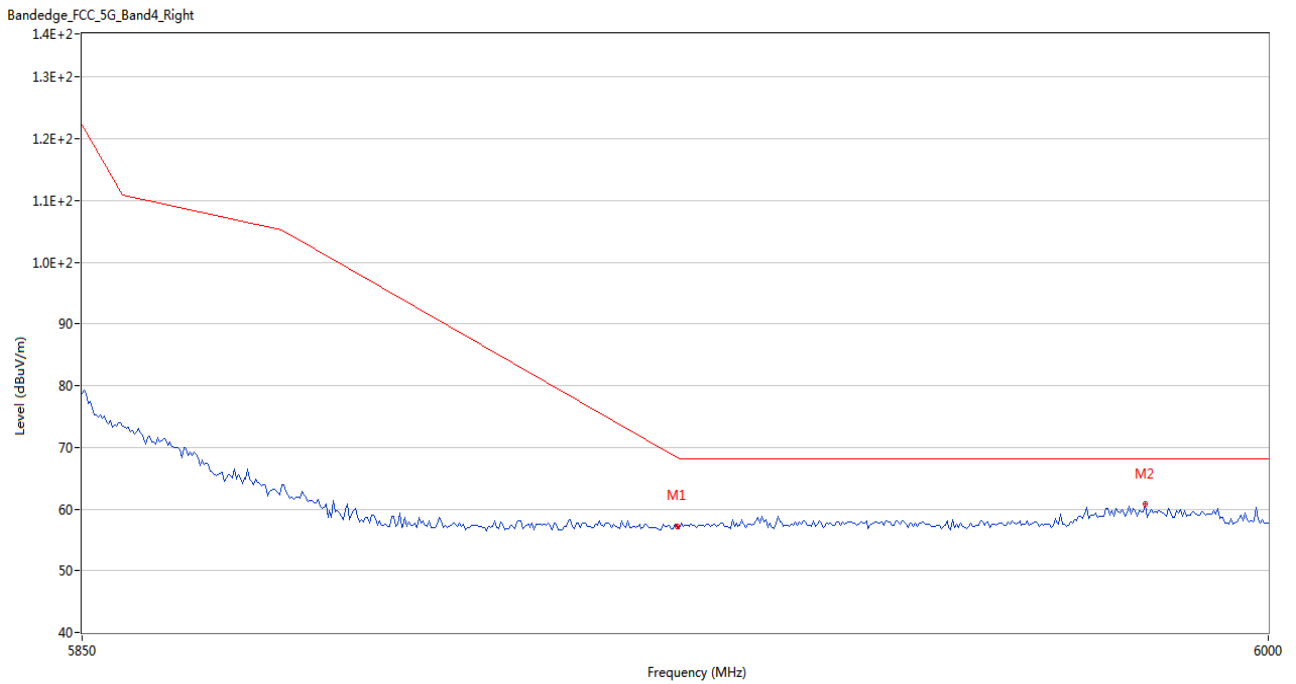
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.21	3.41	68.4	-11.19	Peak	232.00	150	Horizontal	Pass
2	5999.750	59.06	4.59	68.2	-9.14	Peak	244.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



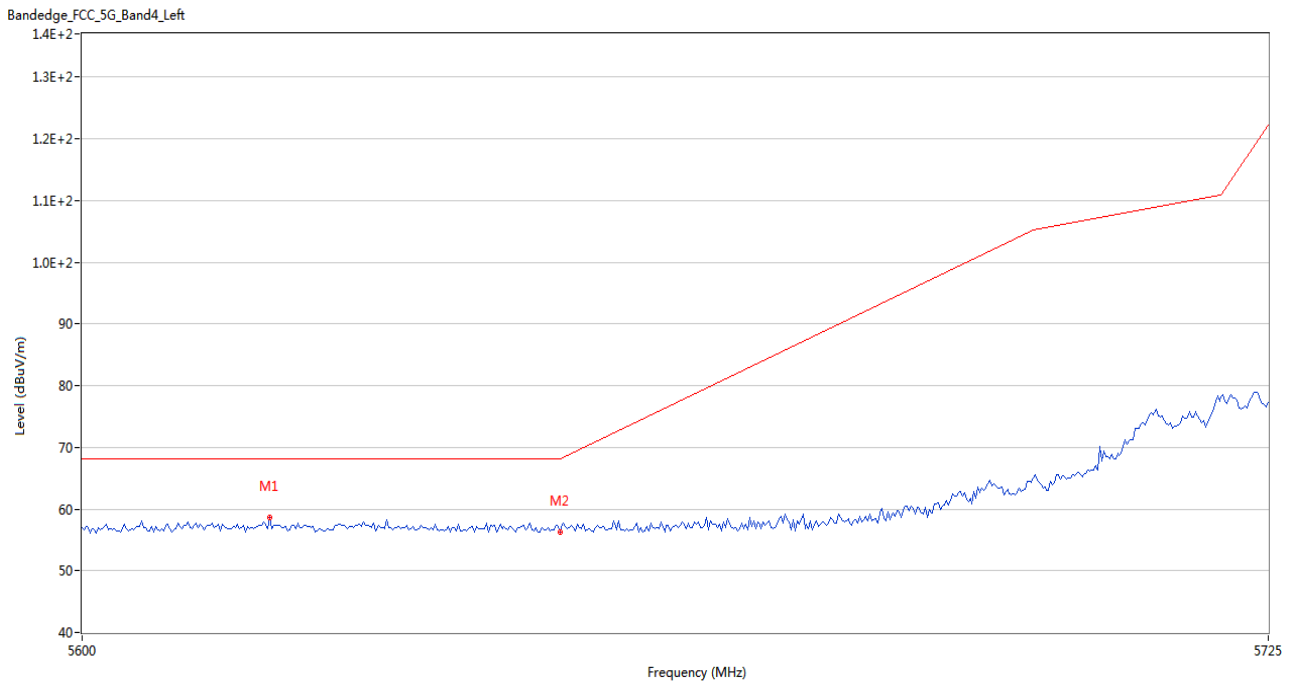
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5624.375	58.30	3.35	68.2	-9.90	Peak	352.00	200	Horizontal	Pass
2	5650.000	57.19	3.60	68.2	-11.01	Peak	255.00	200	Horizontal	Pass

U-NII-3 11ac20 CH165



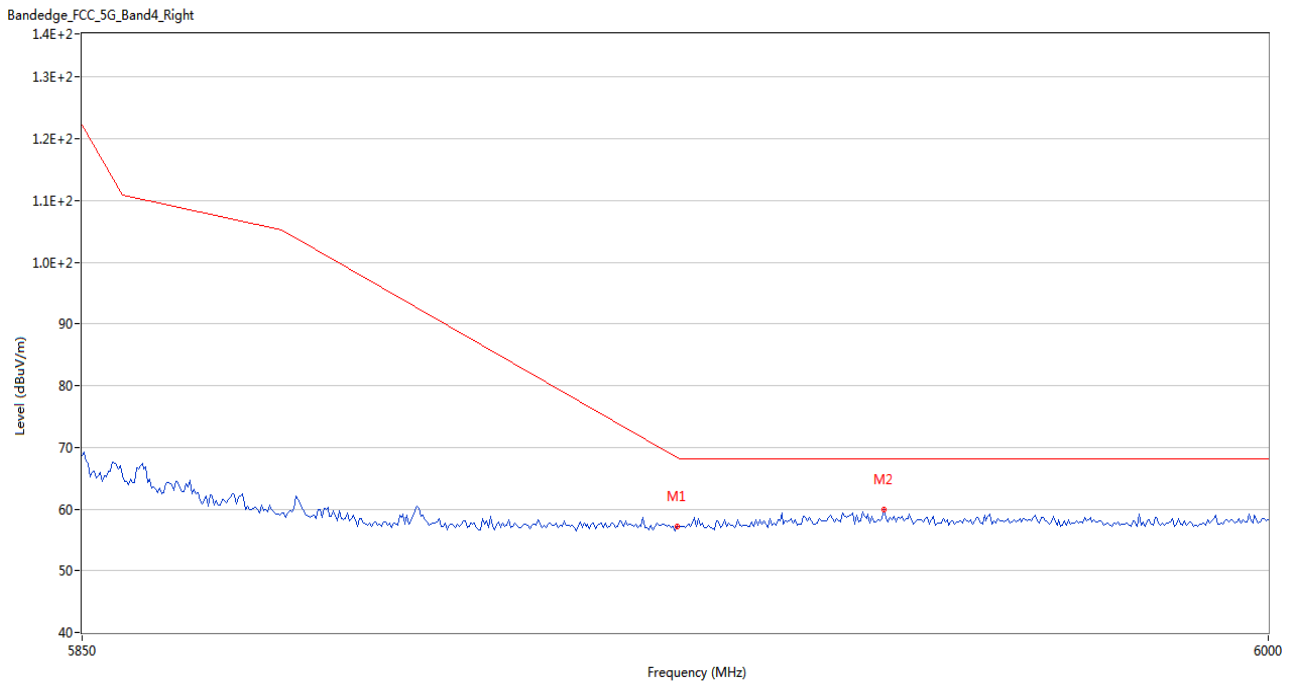
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.21	3.41	68.4	-11.19	Peak	28.00	200	Horizontal	Pass
2	5984.250	60.79	4.33	68.2	-7.41	Peak	11.00	200	Horizontal	Pass

U-NII-3 11ac40 CH151



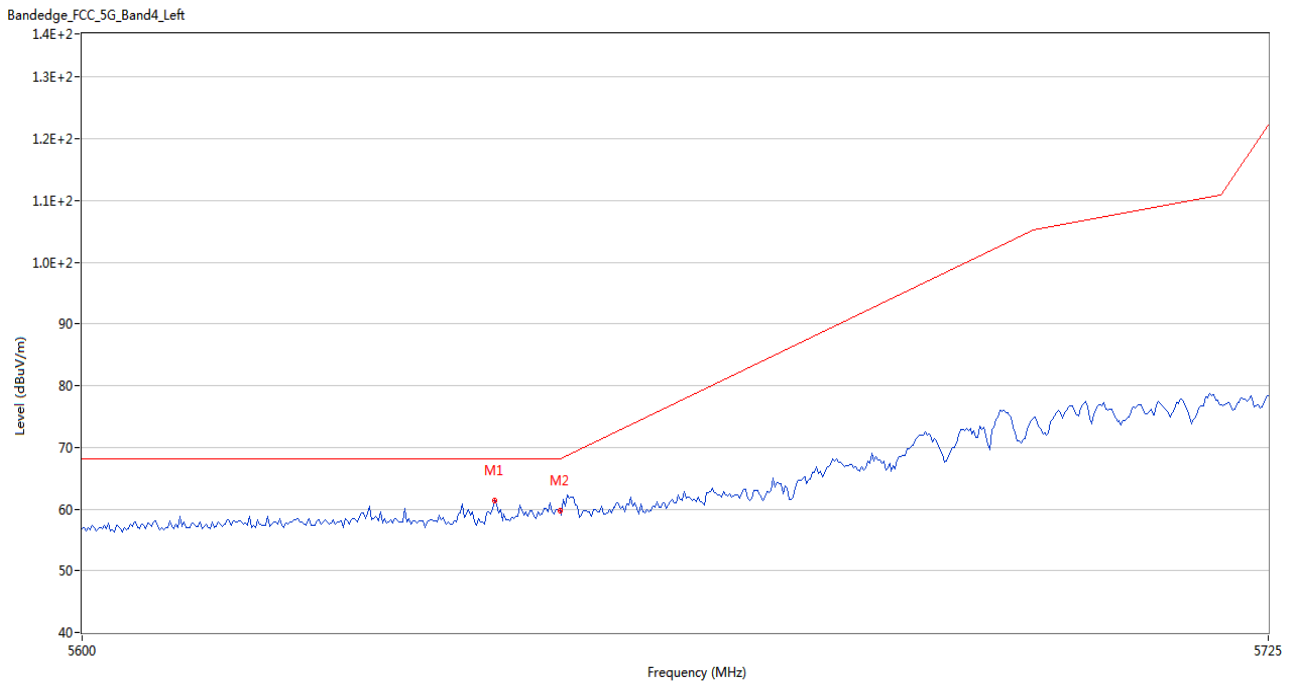
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5619.583	58.68	3.39	68.2	-9.52	Peak	184.00	150	Horizontal	Pass
2	5650.000	56.30	3.60	68.2	-11.90	Peak	119.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



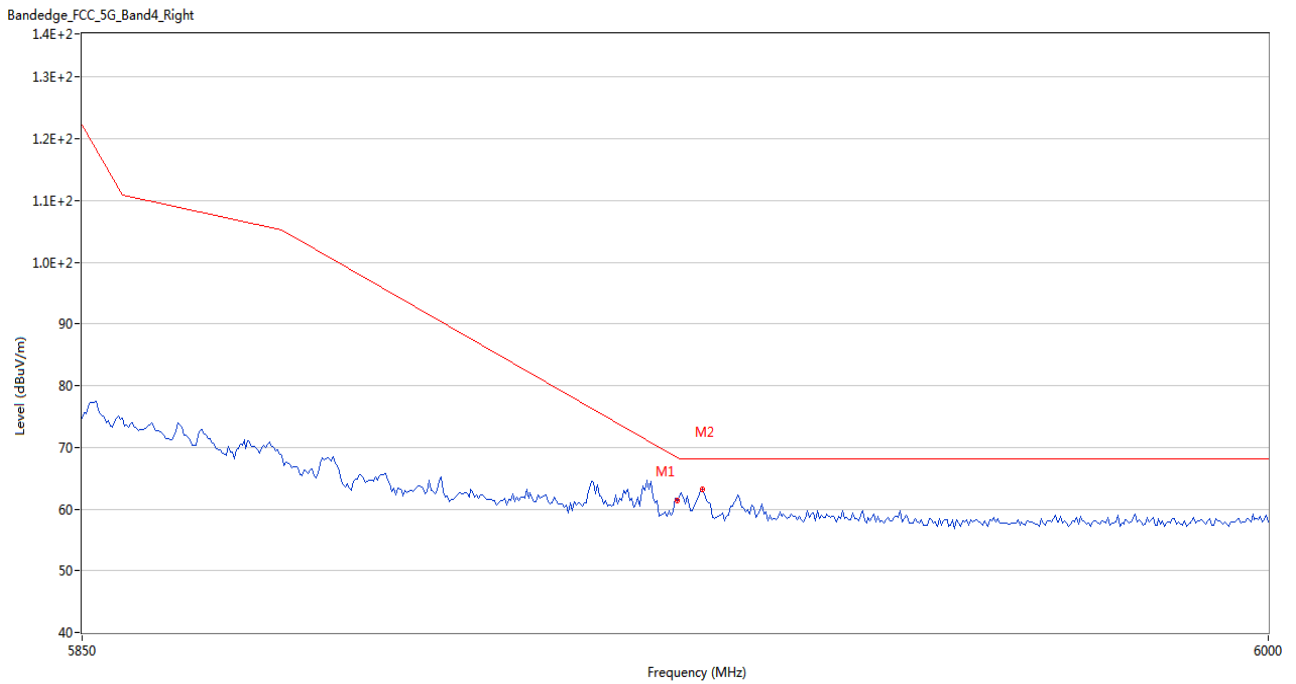
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.12	3.41	68.4	-11.28	Peak	0.00	200	Horizontal	Pass
2	5951.000	59.86	4.66	68.2	-8.34	Peak	43.00	200	Horizontal	Pass

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	5643.125	61.38	3.39	68.2	-6.82	Peak	61.00	100	Horizontal	Pass
2	5650.000	59.65	3.60	68.2	-8.55	Peak	65.00	200	Horizontal	Pass

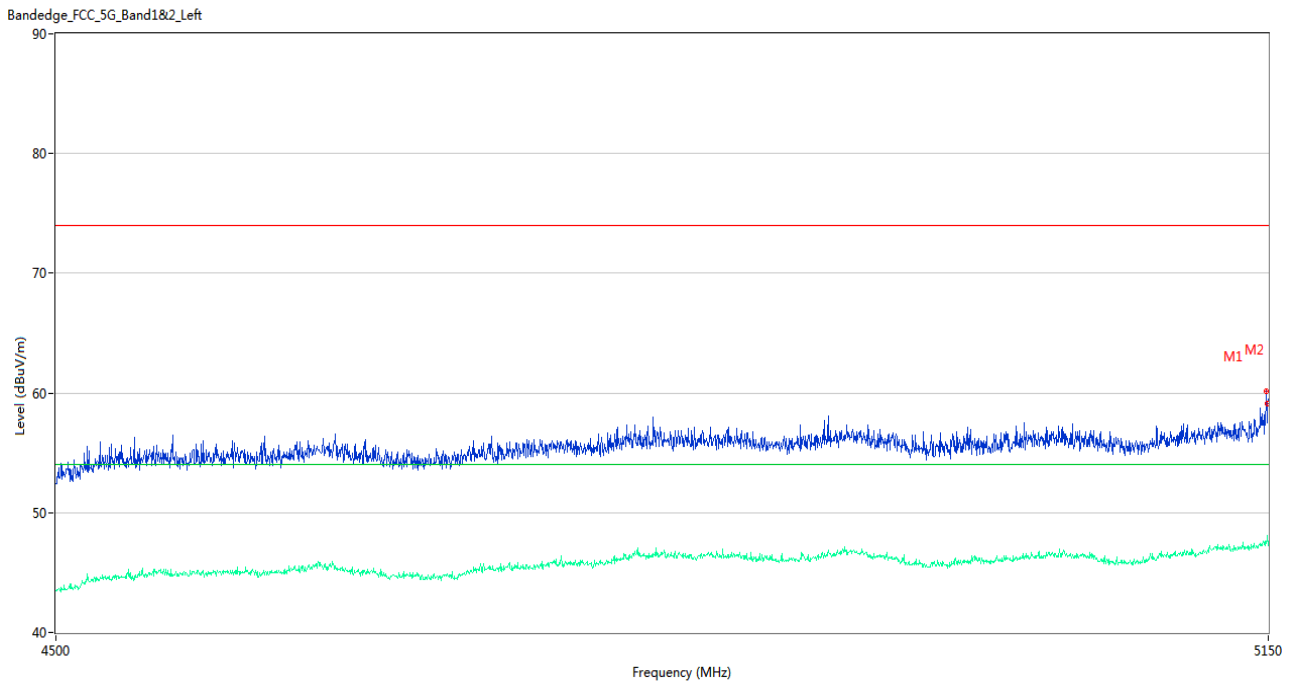
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	61.30	3.41	68.4	-7.10	Peak	41.00	150	Horizontal	Pass
2	5928.000	63.14	3.59	68.2	-5.06	Peak	14.00	200	Horizontal	Pass

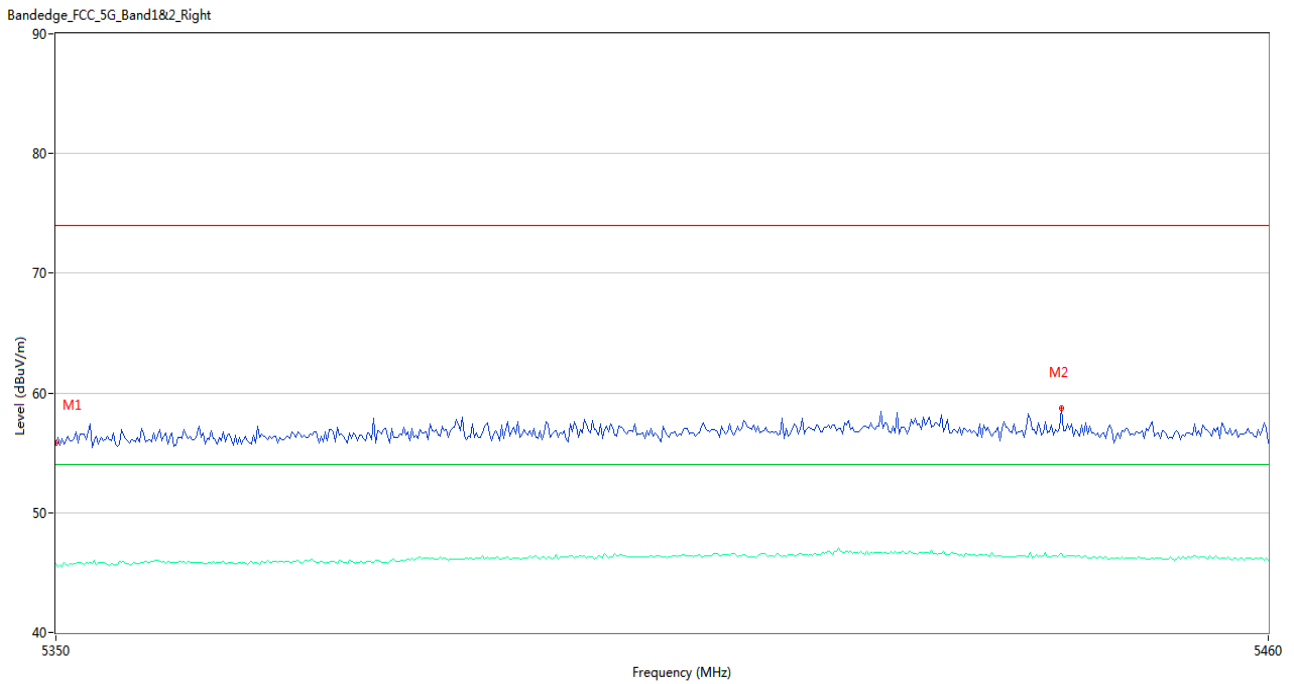
Aux. Antenna

U-NII-1 11a CH36



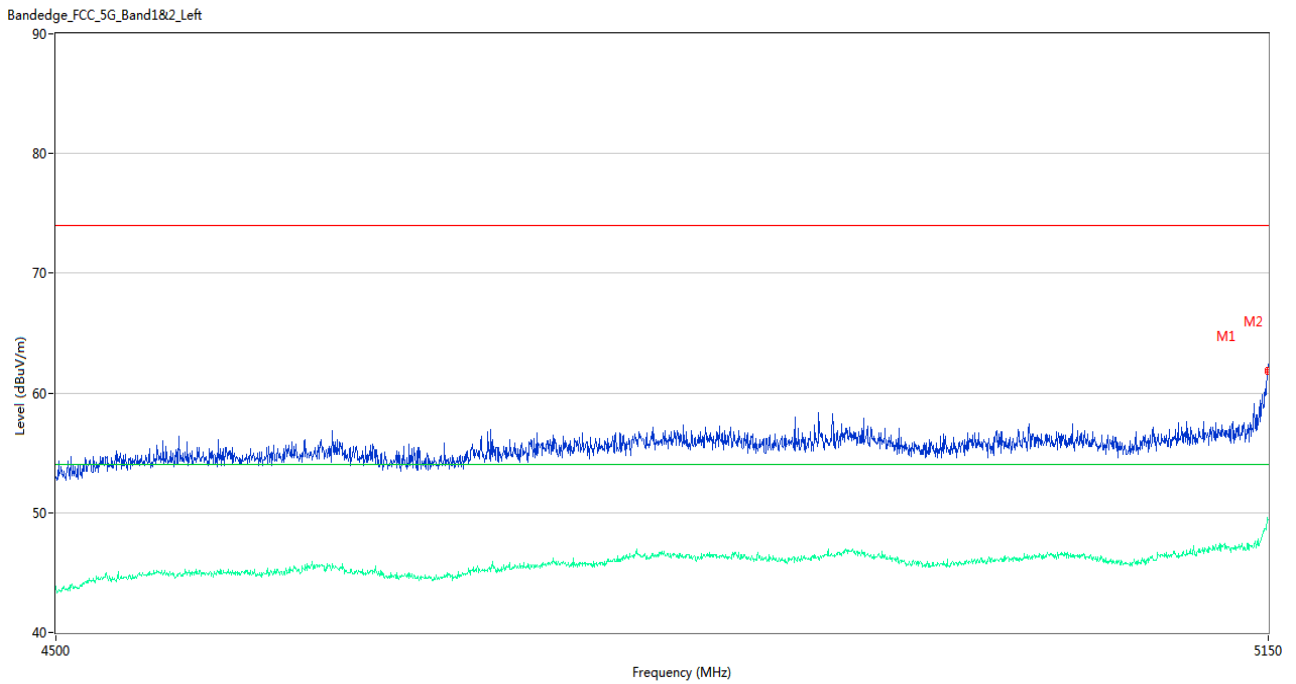
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	60.12	3.34	74.0	-13.88	Peak	154.00	100	Horizontal	Pass
1**	5149.025	47.43	3.34	54.0	-6.57	AV	154.00	100	Horizontal	Pass
2	5149.675	59.12	3.26	74.0	-14.88	Peak	49.00	150	Horizontal	Pass
2**	5149.675	48.11	3.26	54.0	-5.89	AV	49.00	150	Horizontal	Pass

U-NII-1 11a CH48



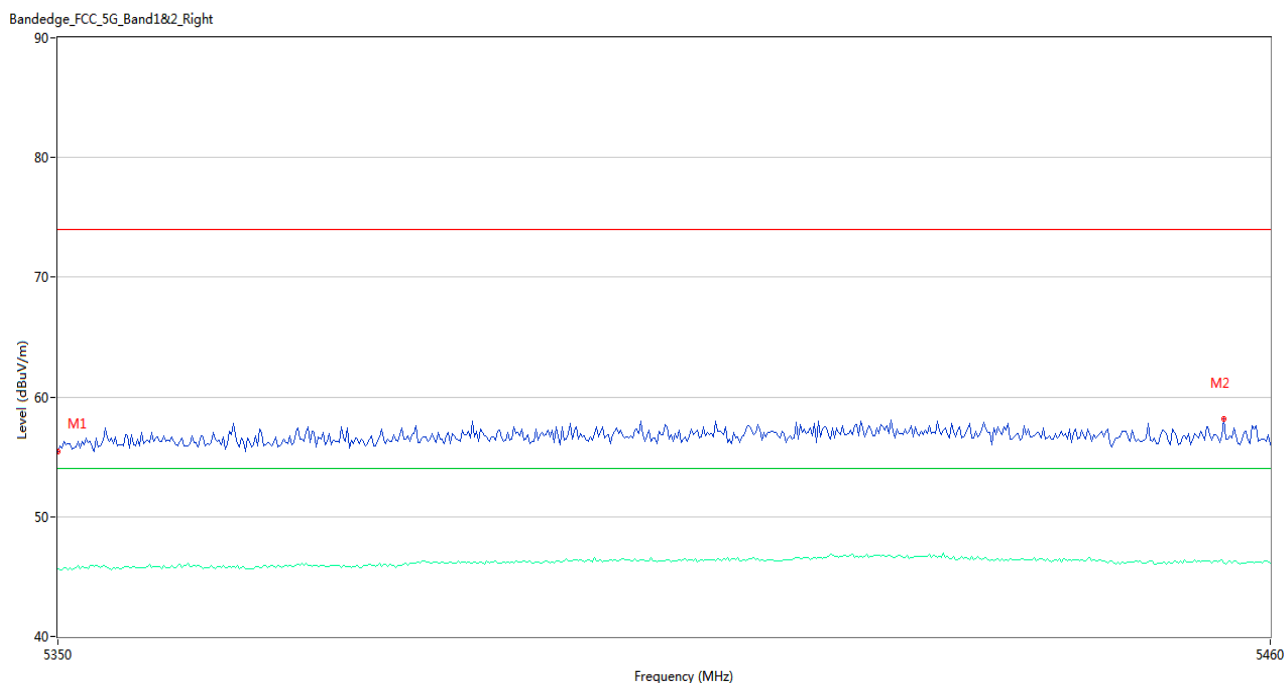
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.83	2.98	74.0	-18.17	Peak	218.00	200	Horizontal	Pass
1**	5350.000	45.72	2.98	54.0	-8.28	AV	218.00	200	Horizontal	Pass
2	5441.117	58.71	3.61	74.0	-15.29	Peak	312.00	200	Horizontal	Pass
2**	5441.117	46.61	3.61	54.0	-7.39	AV	312.00	200	Horizontal	Pass

U-NII-1 11n20 CH36



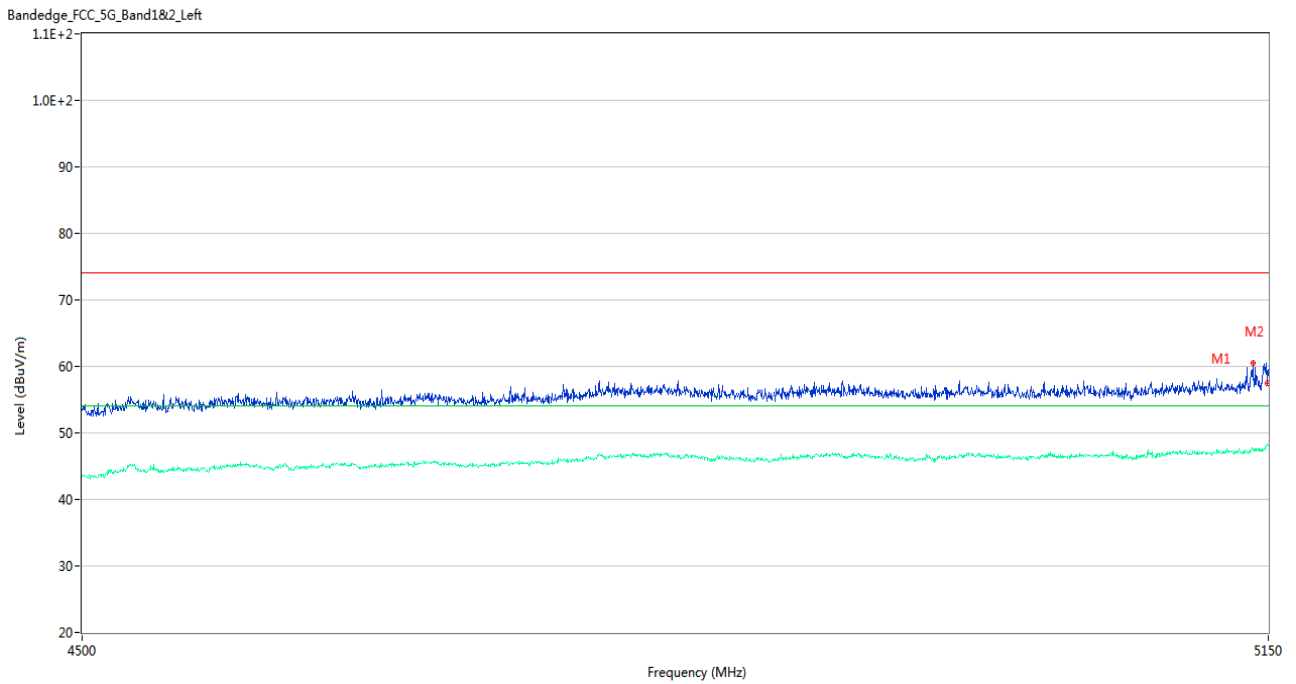
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	61.90	3.30	74.0	-12.10	Peak	153.00	200	Horizontal	Pass
1**	5149.350	49.22	3.30	54.0	-4.78	AV	153.00	200	Horizontal	Pass
2	5149.675	61.78	3.26	74.0	-12.22	Peak	81.00	100	Horizontal	Pass
2**	5149.675	49.60	3.26	54.0	-4.40	AV	81.00	100	Horizontal	Pass

U-NII-1 11n20 CH48



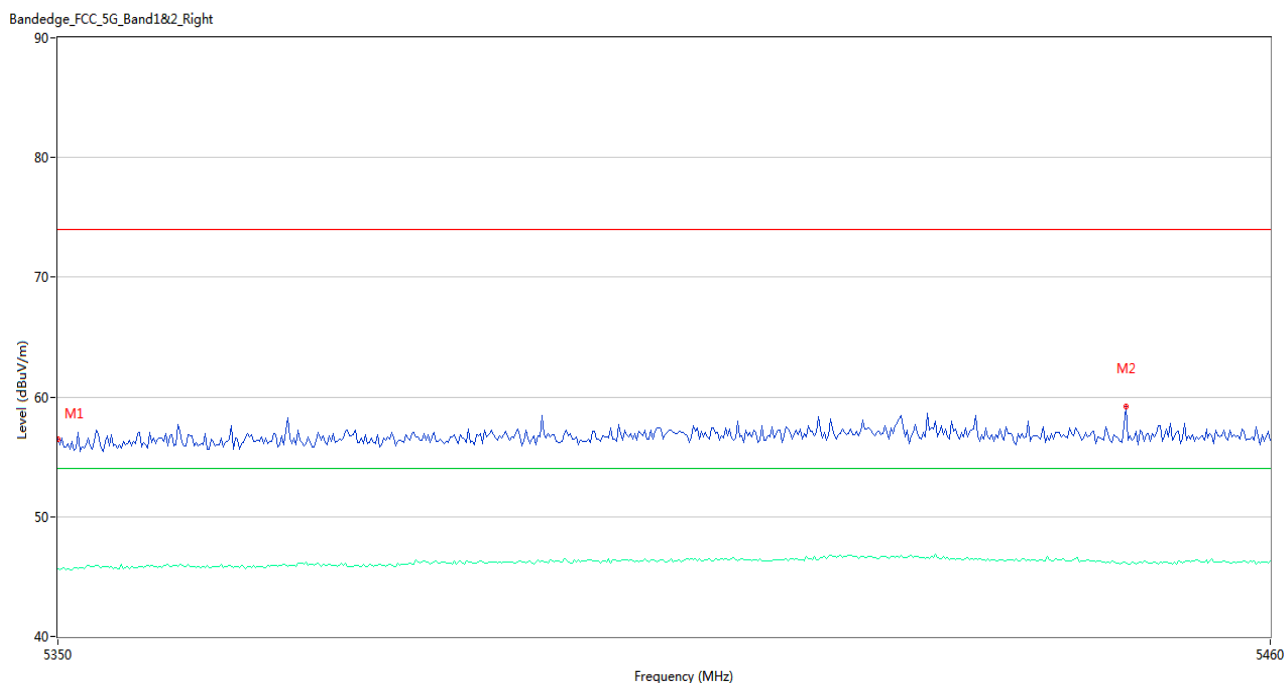
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.42	2.98	74.0	-18.58	Peak	0.00	200	Horizontal	Pass
1**	5350.000	45.62	2.98	54.0	-8.38	AV	0.00	200	Horizontal	Pass
2	5455.783	58.13	3.83	74.0	-15.87	Peak	64.00	150	Horizontal	Pass
2**	5455.783	46.17	3.83	54.0	-7.83	AV	64.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



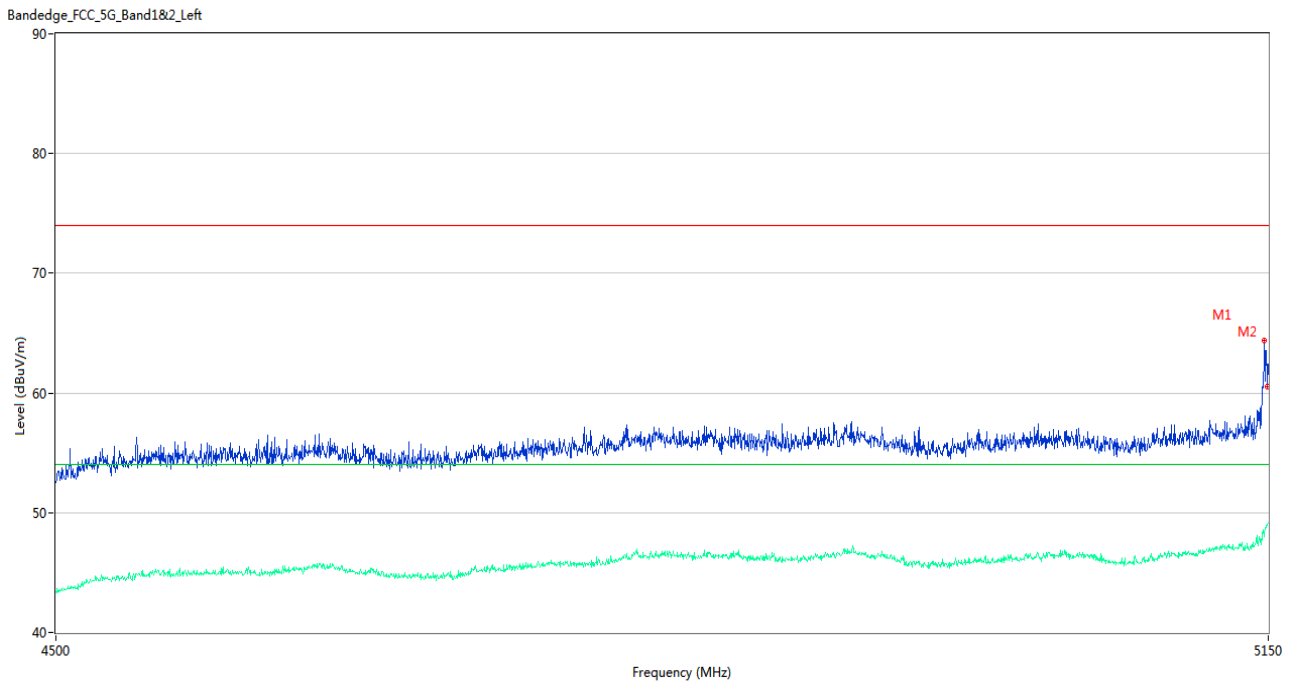
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.900	60.45	4.28	74.0	-13.55	Peak	253.00	100	Horizontal	Pass
1**	5140.900	47.56	4.28	54.0	-6.44	AV	253.00	100	Horizontal	Pass
2	5149.675	57.49	3.93	74.0	-16.51	Peak	270.00	200	Horizontal	Pass
2**	5149.675	48.35	3.93	54.0	-5.65	AV	270.00	200	Horizontal	Pass

U-NII-1 11n40 CH46



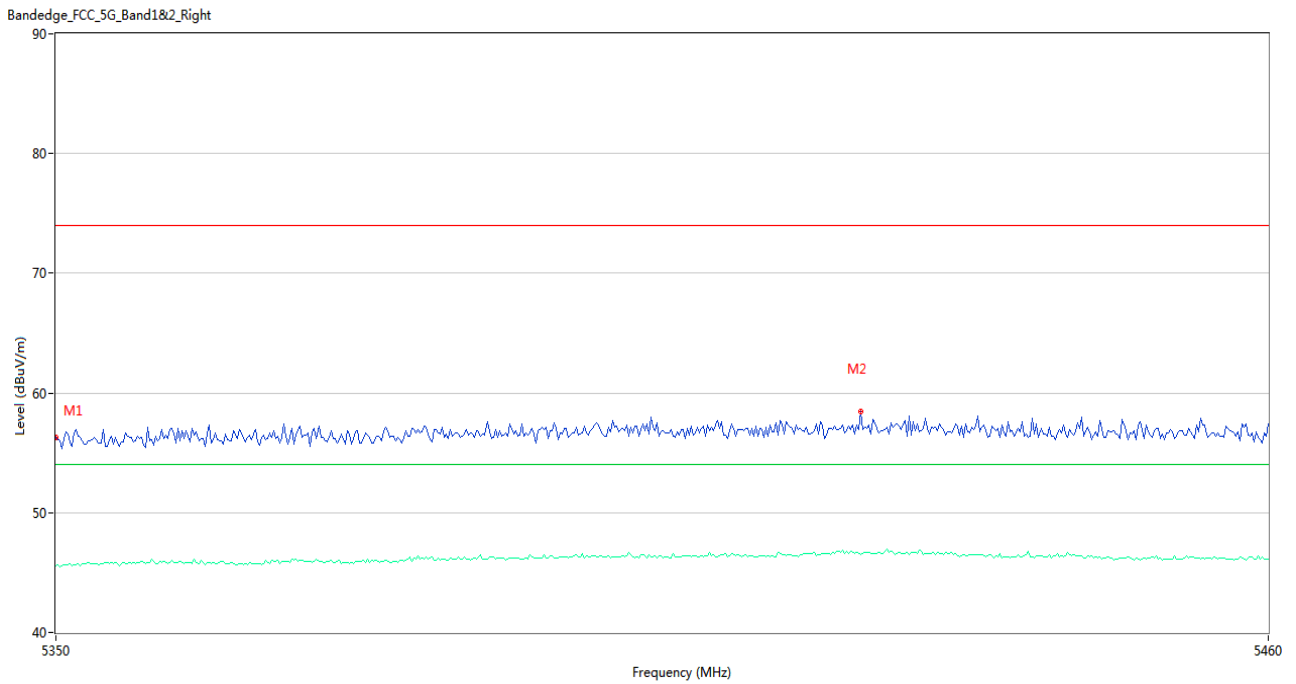
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.48	2.98	74.0	-17.52	Peak	258.00	150	Horizontal	Pass
1**	5350.000	45.61	2.98	54.0	-8.39	AV	258.00	150	Horizontal	Pass
2	5446.800	59.21	3.57	74.0	-14.79	Peak	0.00	150	Horizontal	Pass
2**	5446.800	46.16	3.57	54.0	-7.84	AV	0.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



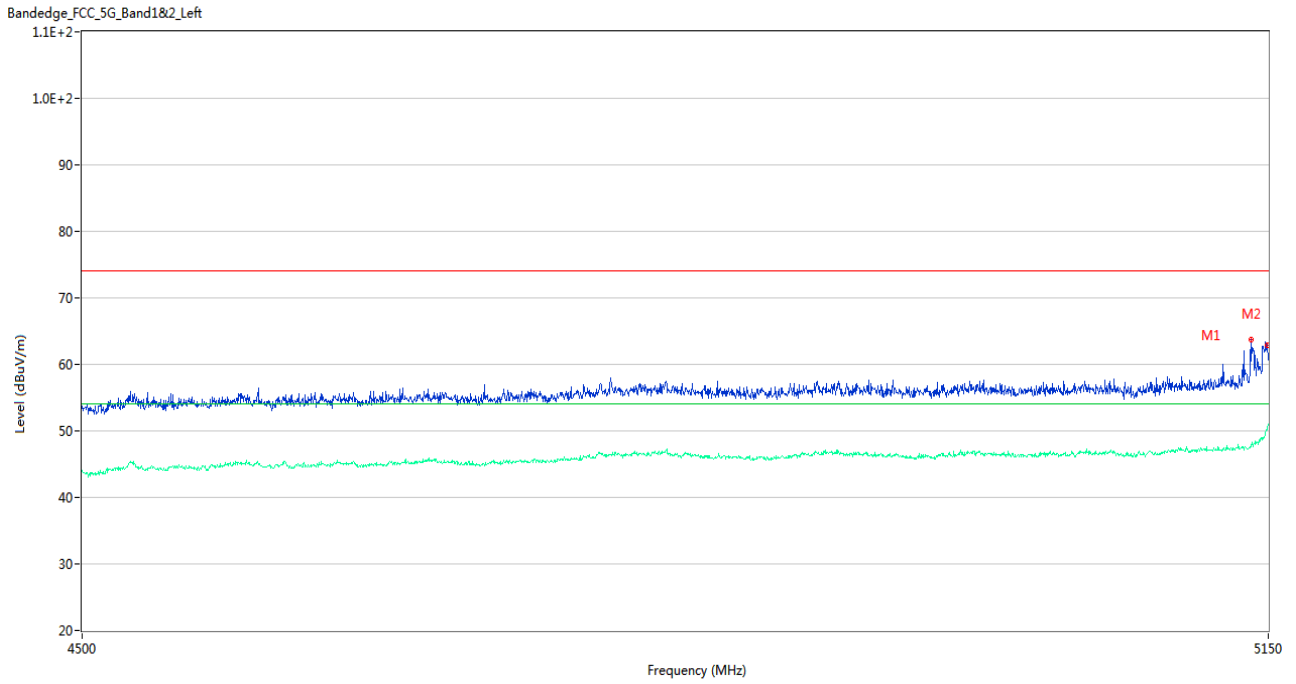
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	64.41	3.37	74.0	-9.59	Peak	156.00	100	Horizontal	Pass
1**	5147.725	48.16	3.37	54.0	-5.84	AV	156.00	100	Horizontal	Pass
2	5149.675	60.49	3.26	74.0	-13.51	Peak	130.00	150	Horizontal	Pass
2**	5149.675	48.95	3.26	54.0	-5.05	AV	130.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



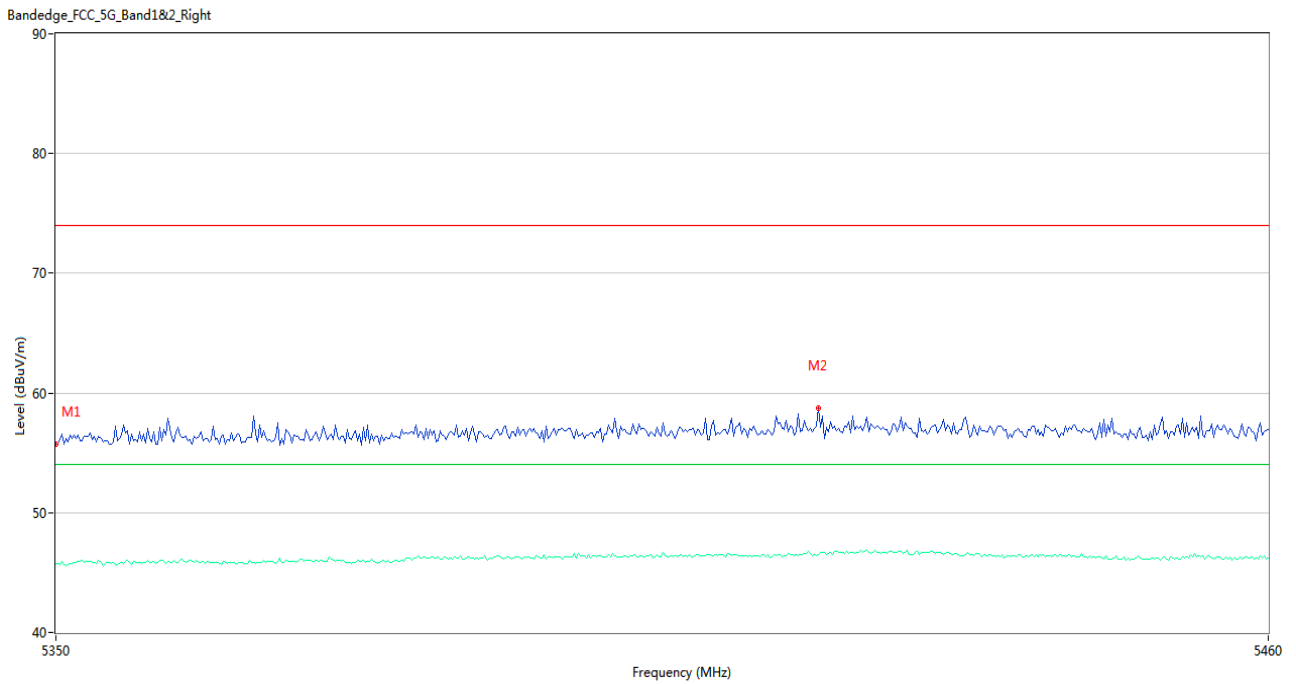
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.27	2.98	74.0	-17.73	Peak	254.00	200	Horizontal	Pass
1**	5350.000	45.51	2.98	54.0	-8.49	AV	254.00	200	Horizontal	Pass
2	5422.783	58.48	3.29	74.0	-15.52	Peak	322.00	100	Horizontal	Pass
2**	5422.783	46.52	3.29	54.0	-7.48	AV	322.00	100	Horizontal	Pass

U-NII-1 11ac40 CH38



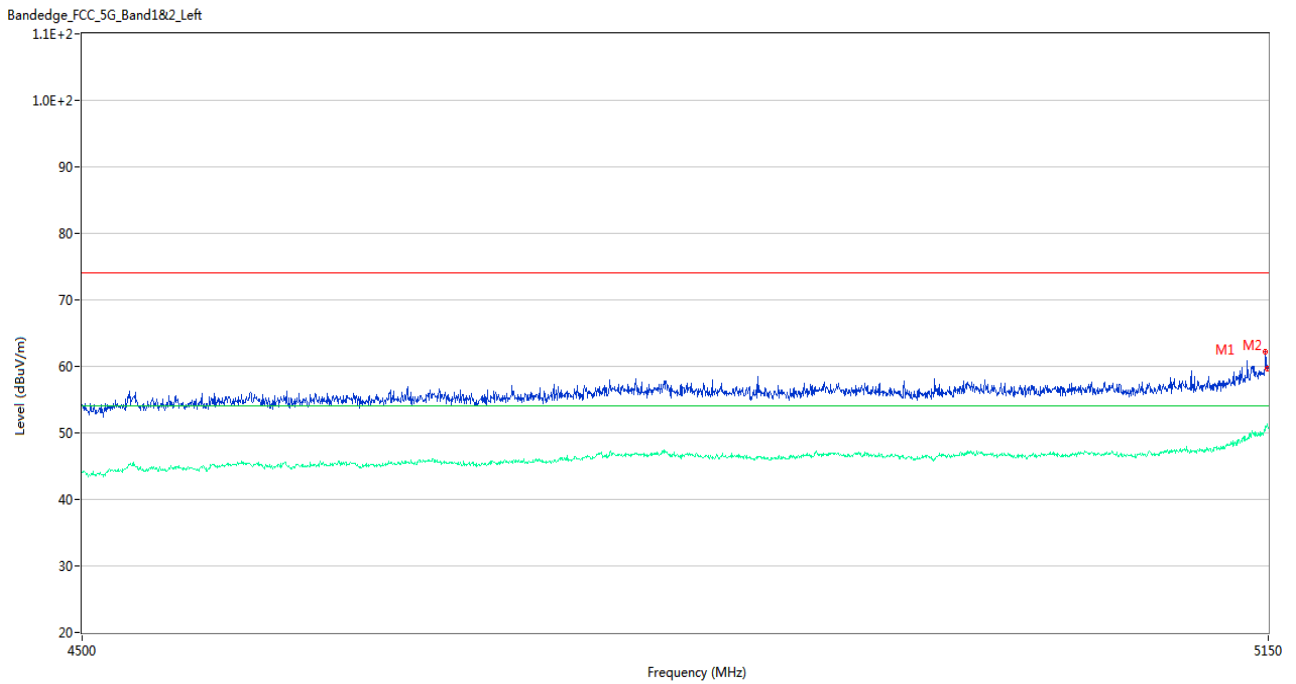
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.250	63.65	4.26	74.0	-10.35	Peak	205.00	150	Horizontal	Pass
1**	5140.250	47.66	4.26	54.0	-6.34	AV	205.00	150	Horizontal	Pass
2	5149.675	62.90	3.93	74.0	-11.10	Peak	216.00	200	Horizontal	Pass
2**	5149.675	50.33	3.93	54.0	-3.67	AV	216.00	200	Horizontal	Pass

U-NII-1 11ac40 CH46



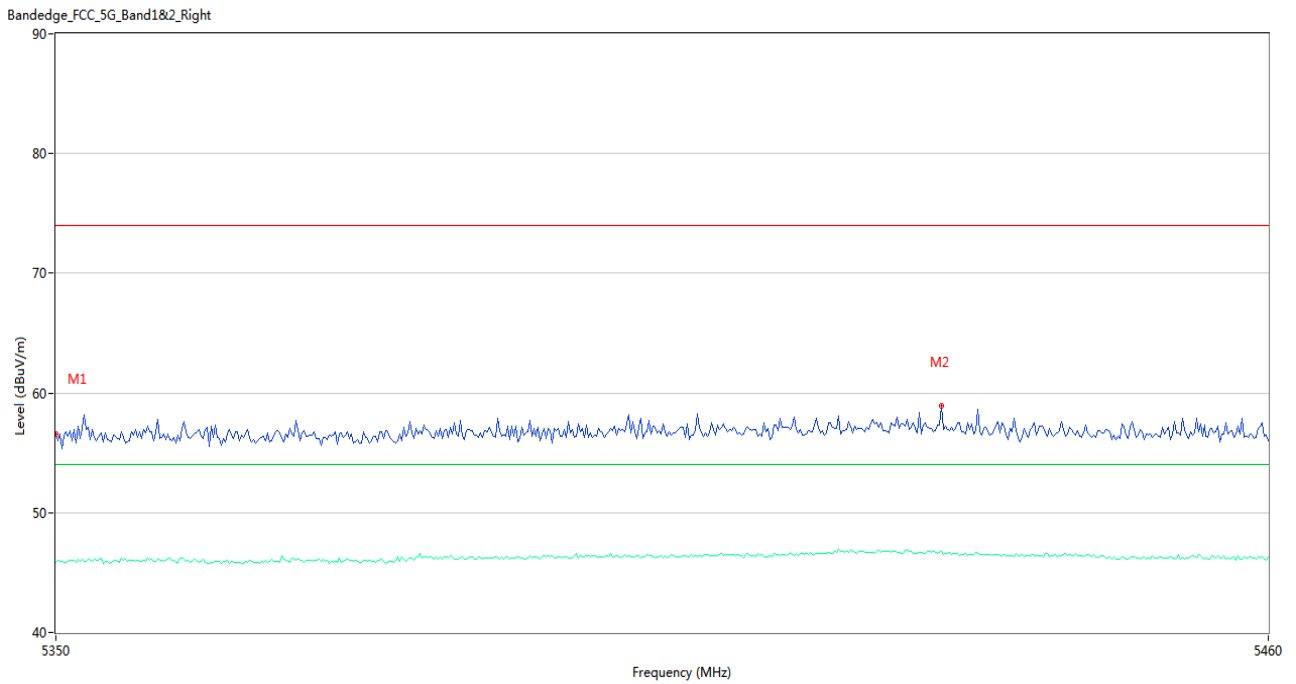
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.75	2.98	74.0	-18.25	Peak	59.00	150	Horizontal	Pass
1**	5350.000	45.79	2.98	54.0	-8.21	AV	59.00	150	Horizontal	Pass
2	5418.933	58.76	3.25	74.0	-15.24	Peak	74.00	100	Horizontal	Pass
2**	5418.933	46.49	3.25	54.0	-7.51	AV	74.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



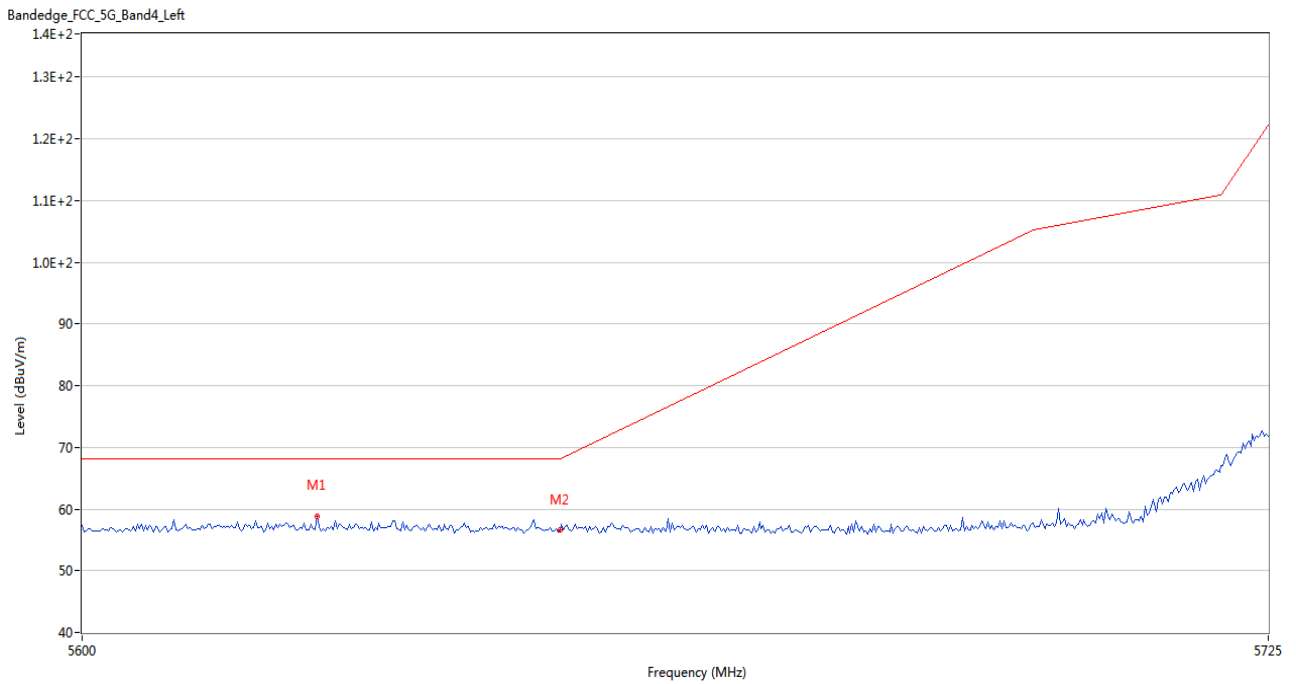
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	62.14	3.88	74.0	-11.86	Peak	196.00	150	Horizontal	Pass
1**	5148.375	50.96	3.88	54.0	-3.04	AV	196.00	150	Horizontal	Pass
2	5149.675	59.73	3.93	74.0	-14.27	Peak	261.00	200	Horizontal	Pass
2**	5149.675	51.35	3.93	54.0	-2.65	AV	261.00	200	Horizontal	Pass

U-NII-1 11ac80 CH42



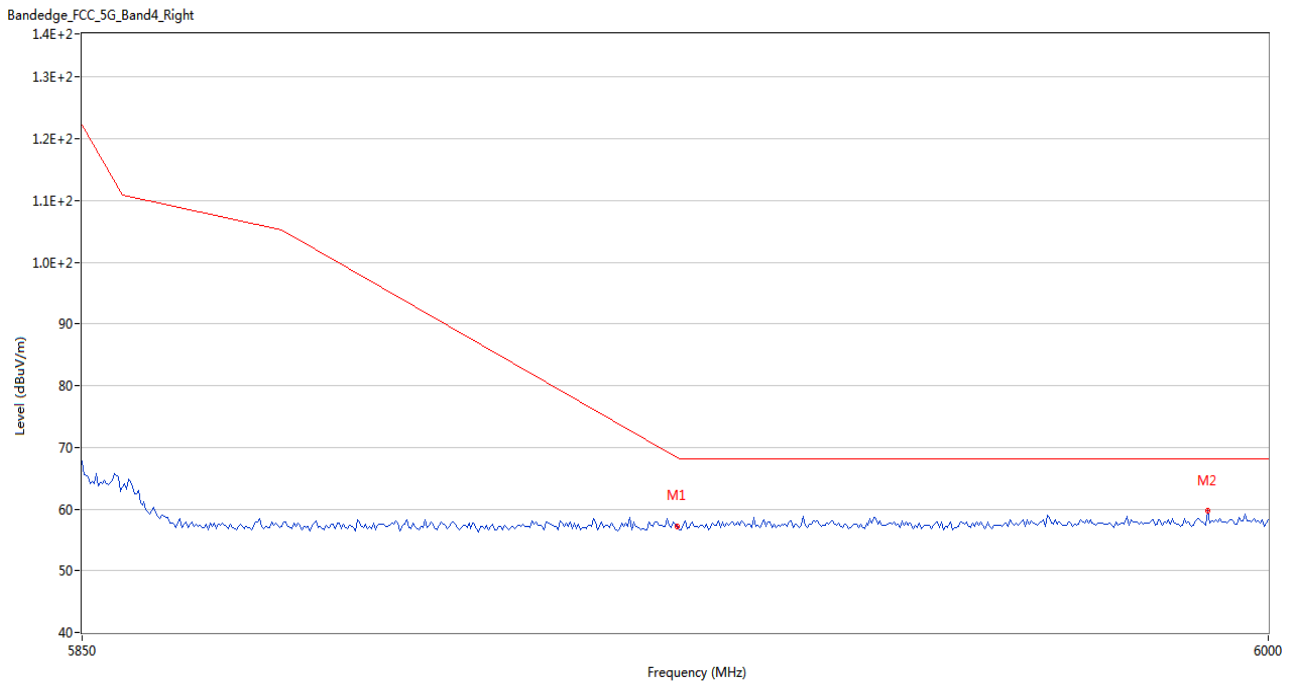
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.61	2.98	74.0	-17.39	Peak	157.00	150	Horizontal	Pass
1**	5350.000	45.80	2.98	54.0	-8.20	AV	157.00	150	Horizontal	Pass
2	5430.117	58.92	3.37	74.0	-15.08	Peak	83.00	150	Horizontal	Pass
2**	5430.117	46.74	3.37	54.0	-7.26	AV	83.00	150	Horizontal	Pass

U-NII-3 11a CH149



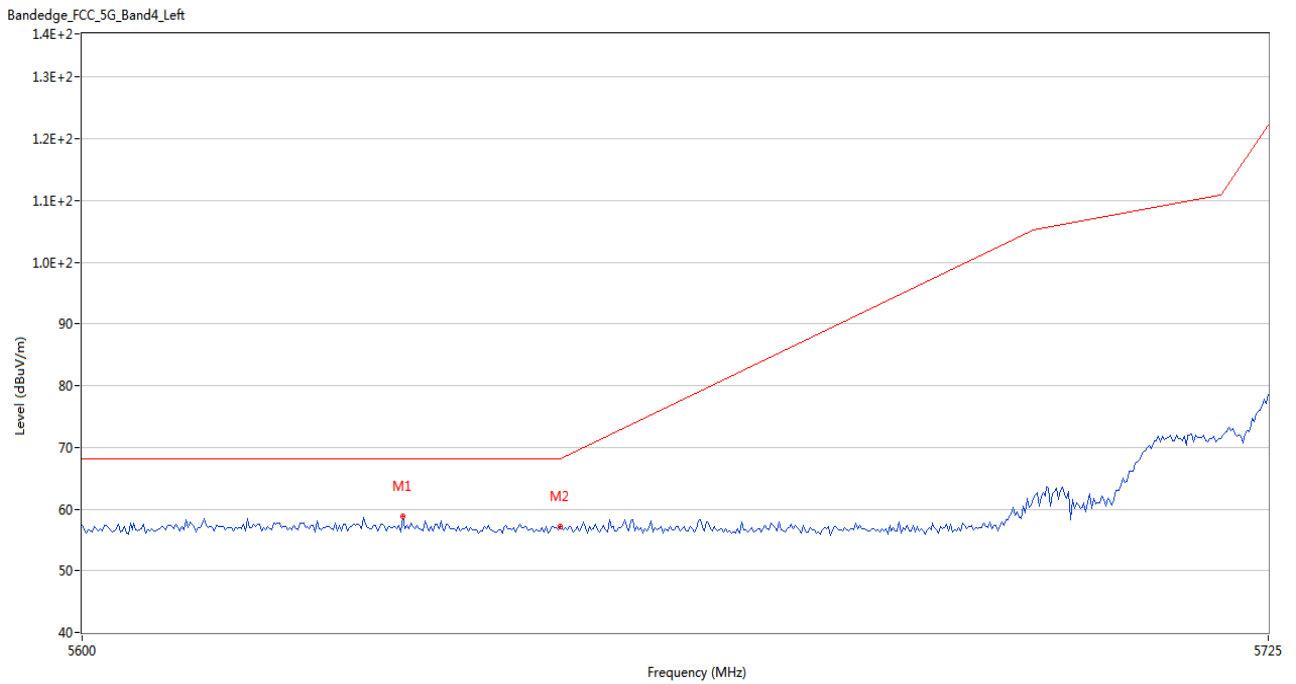
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5624.584	58.87	3.34	68.2	-9.33	Peak	324.00	200	Horizontal	Pass
2	5650.000	56.60	3.60	68.2	-11.60	Peak	185.00	100	Horizontal	Pass

U-NII-3 11a CH165



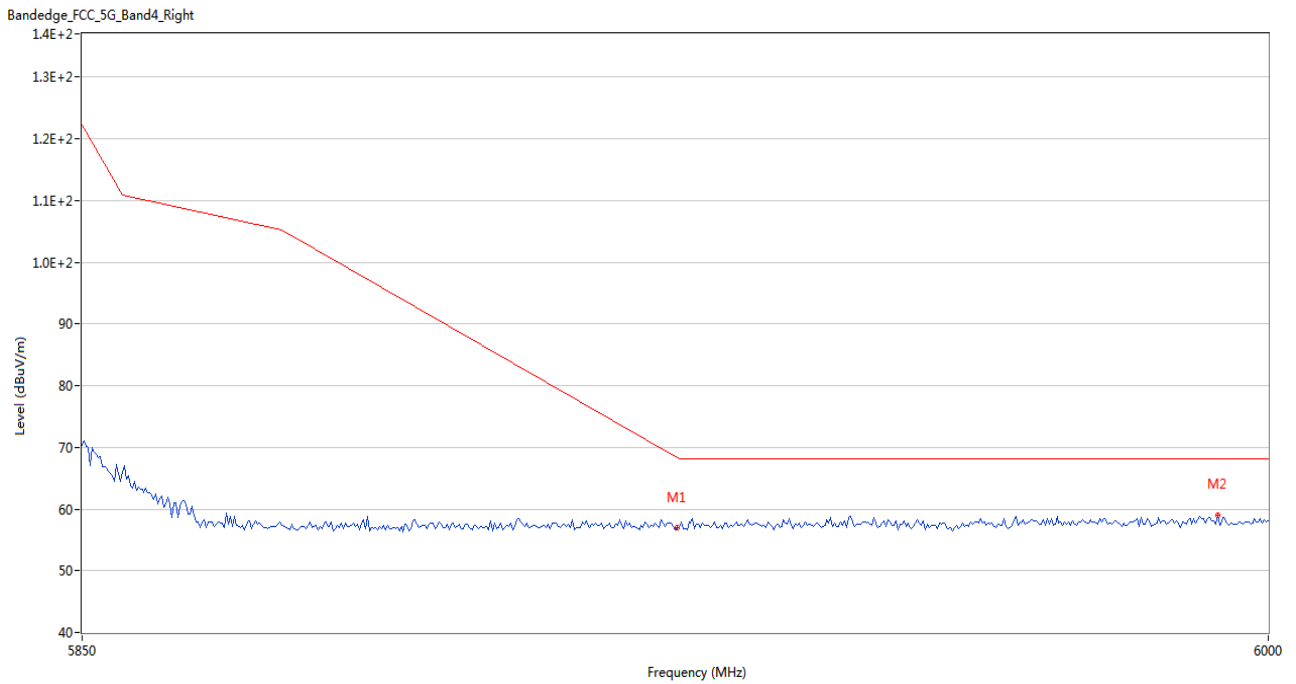
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.21	3.41	68.4	-11.19	Peak	230.00	150	Horizontal	Pass
2	5992.250	59.64	4.39	68.2	-8.56	Peak	45.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



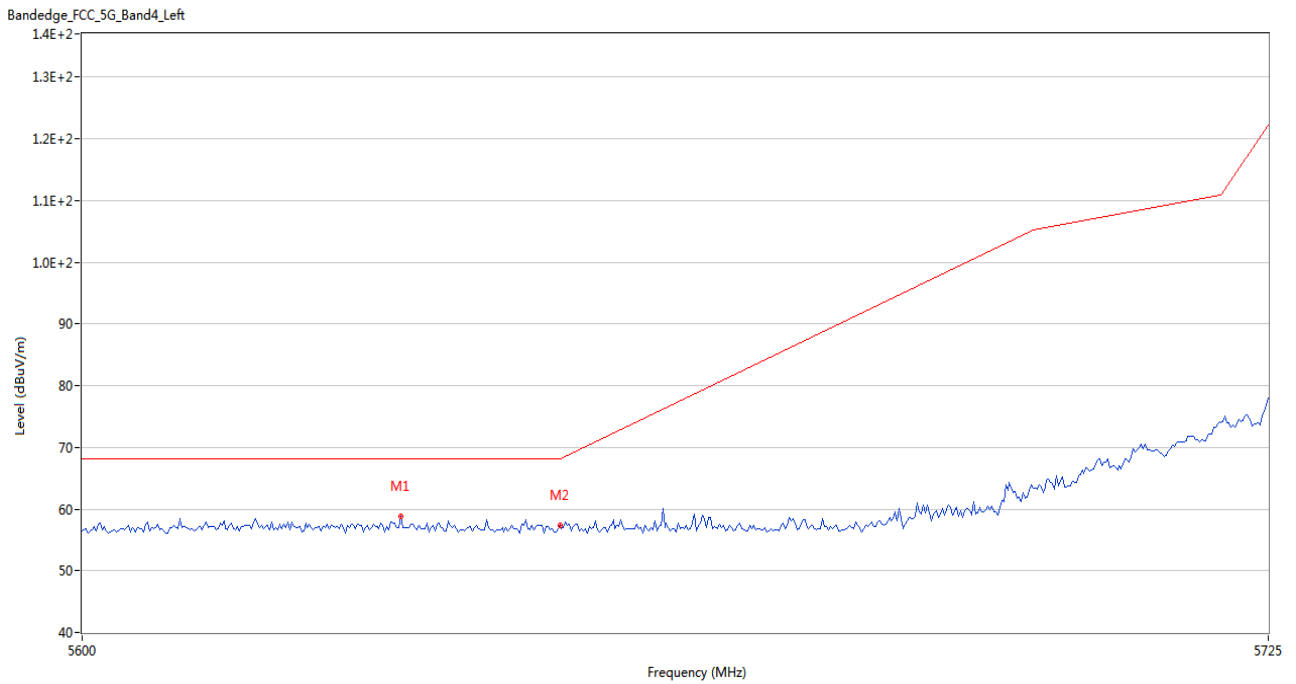
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5633.542	58.77	3.48	68.2	-9.43	Peak	0.00	150	Horizontal	Pass
2	5650.000	57.16	3.60	68.2	-11.04	Peak	118.00	200	Horizontal	Pass

U-NII-3 11n20 CH165



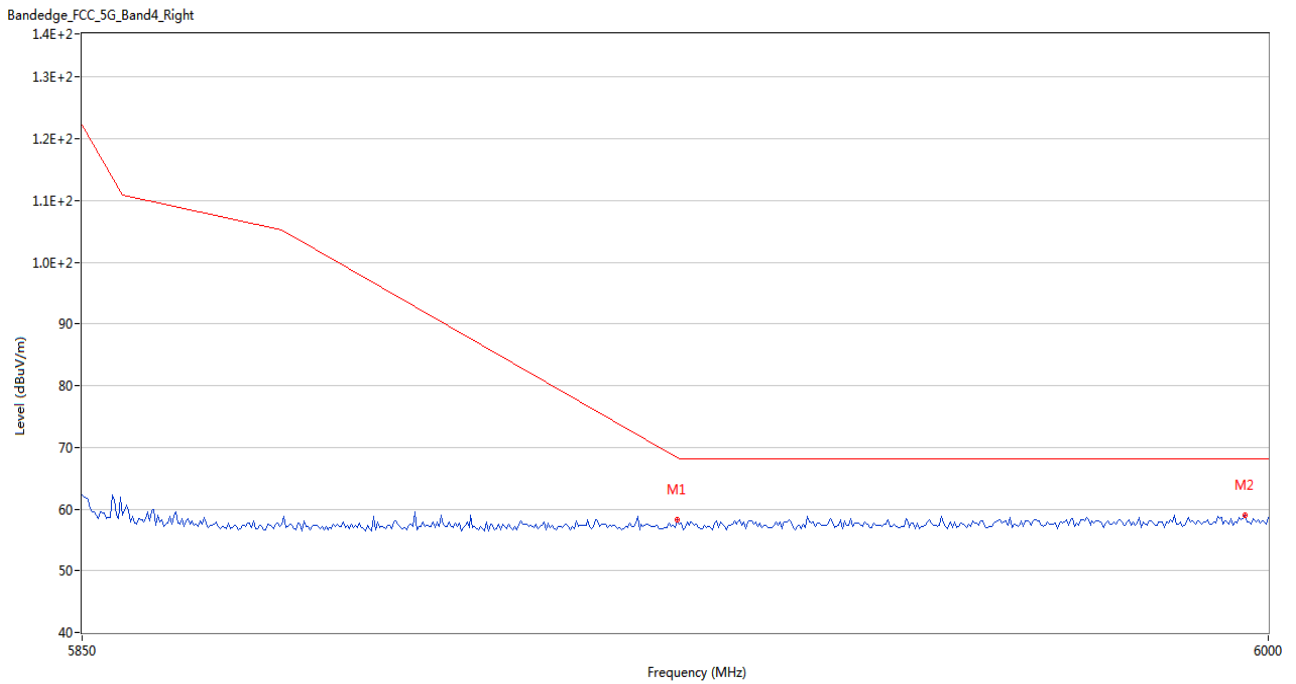
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.00	3.41	68.4	-11.40	Peak	47.00	150	Horizontal	Pass
2	5993.500	59.04	4.45	68.2	-9.16	Peak	138.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



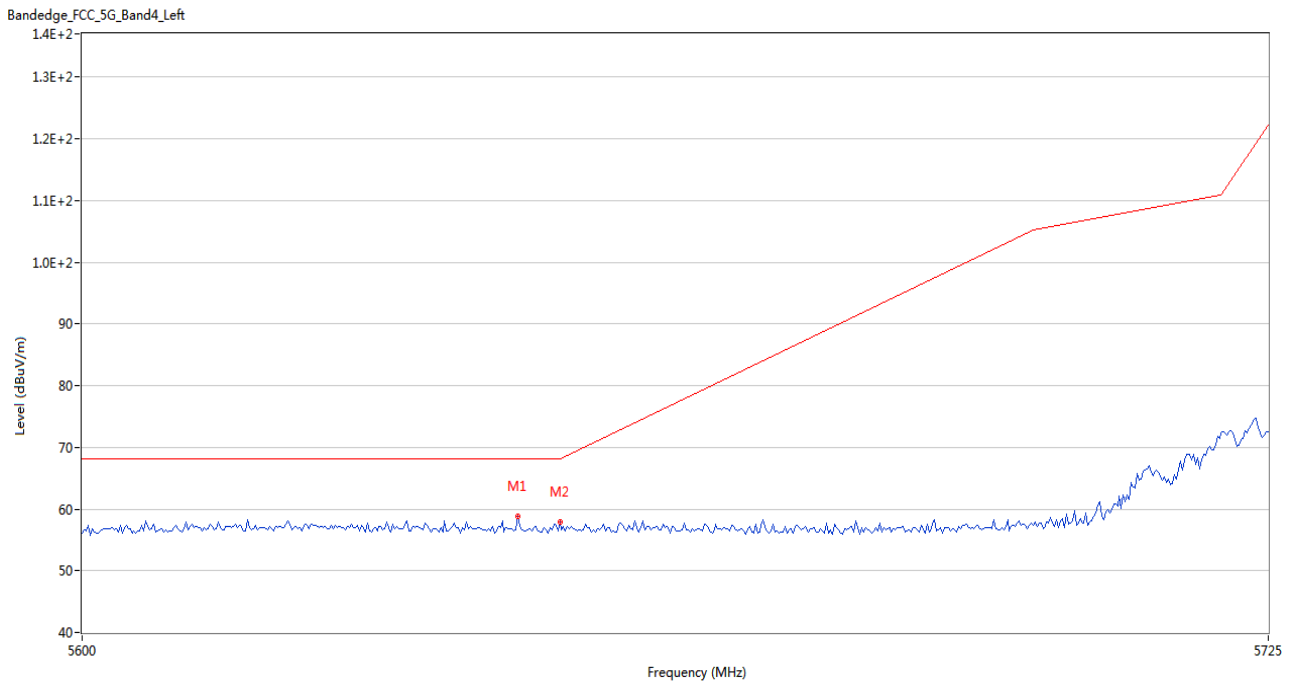
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5633.333	58.82	3.48	68.2	-9.38	Peak	97.00	100	Horizontal	Pass
2	5650.000	57.35	3.60	68.2	-10.85	Peak	360.00	100	Horizontal	Pass

U-NII-3 11n40 CH159



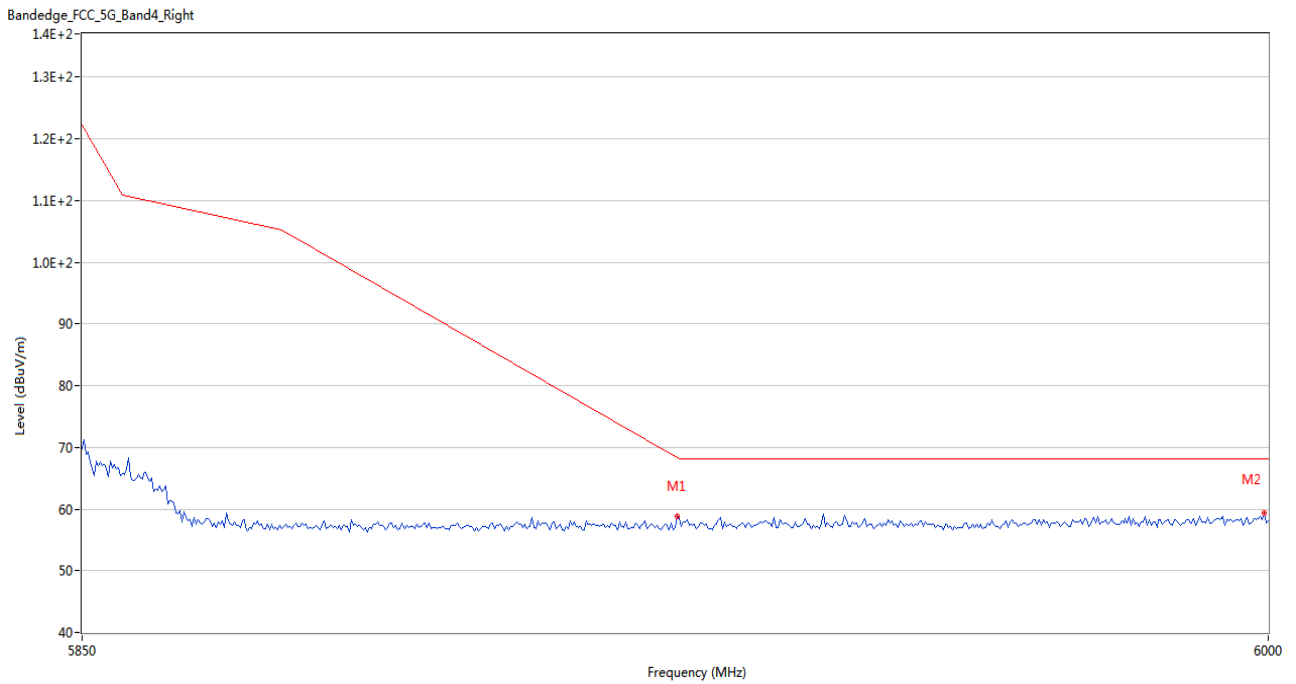
No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	58.27	3.41	68.4	-10.13	Peak	204.00	150	Horizontal	Pass
2	5997.000	58.97	4.49	68.2	-9.23	Peak	0.00	200	Horizontal	Pass

U-NII-3 11ac20 CH149



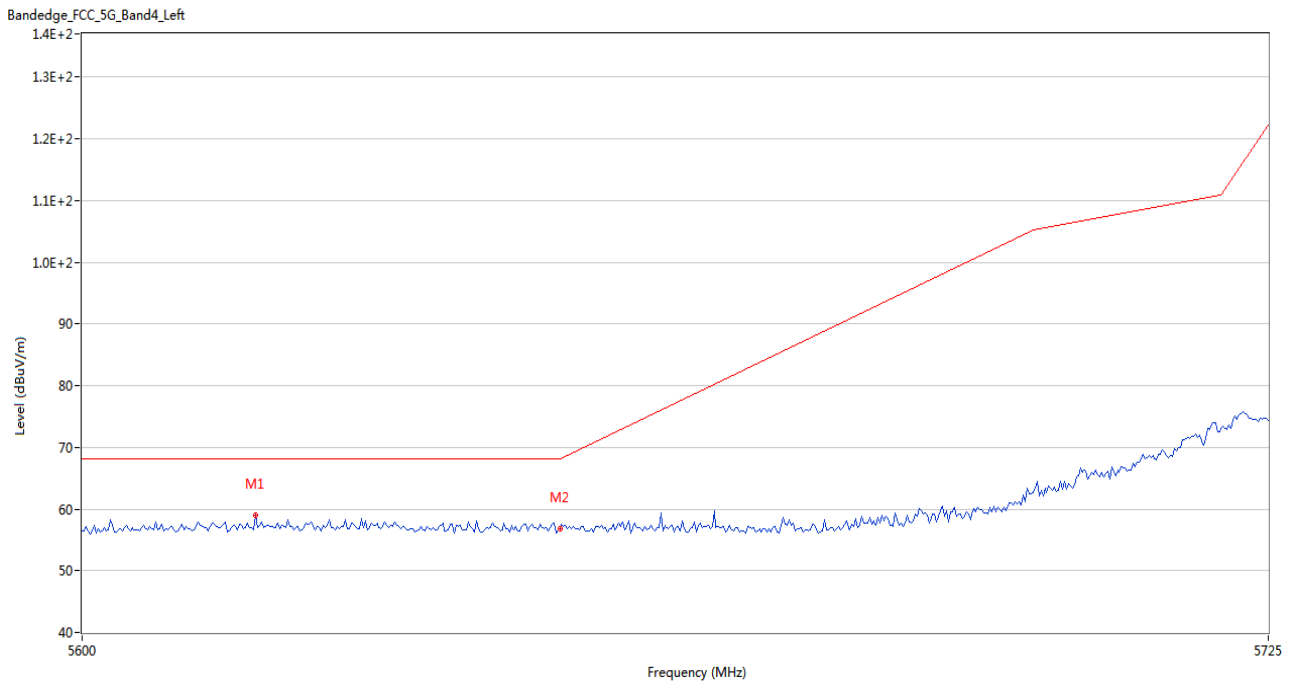
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.625	58.75	3.50	68.2	-9.45	Peak	97.00	200	Horizontal	Pass
2	5650.000	57.88	3.60	68.2	-10.32	Peak	143.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



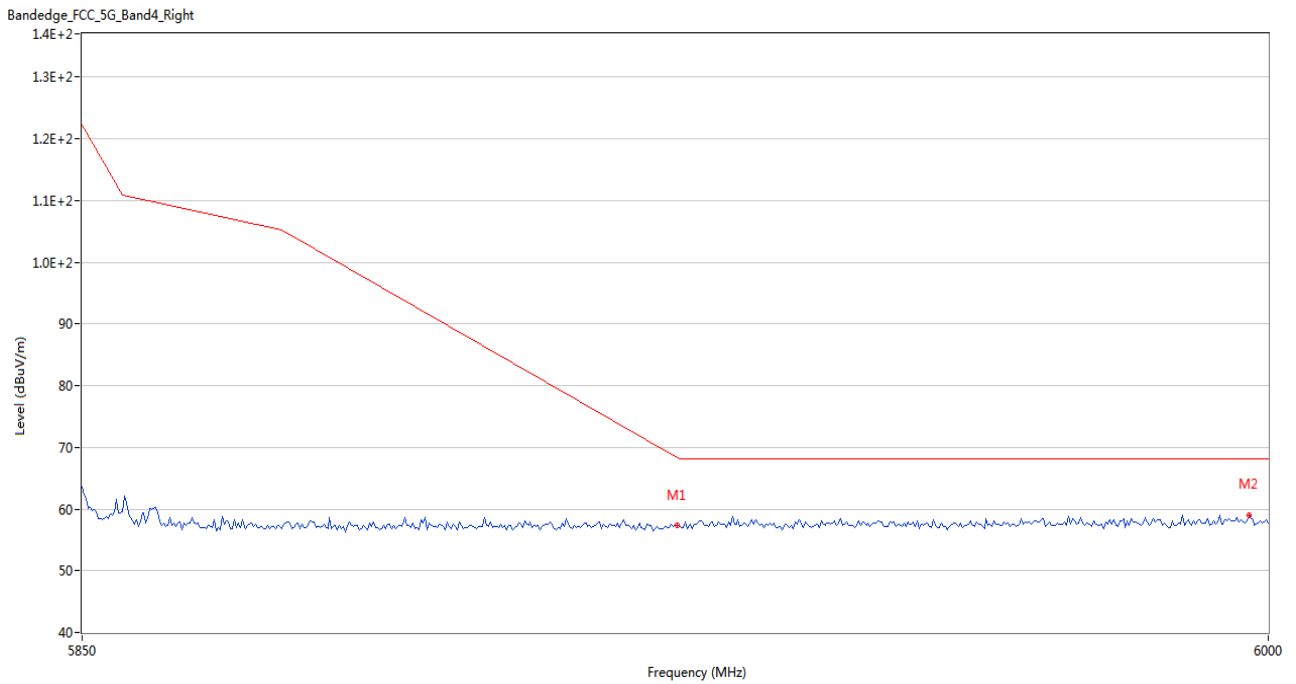
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	58.74	3.41	68.4	-9.66	Peak	188.00	200	Horizontal	Pass
2	5999.500	59.39	4.59	68.2	-8.81	Peak	23.00	200	Horizontal	Pass

U-NII-3 11ac40 CH151



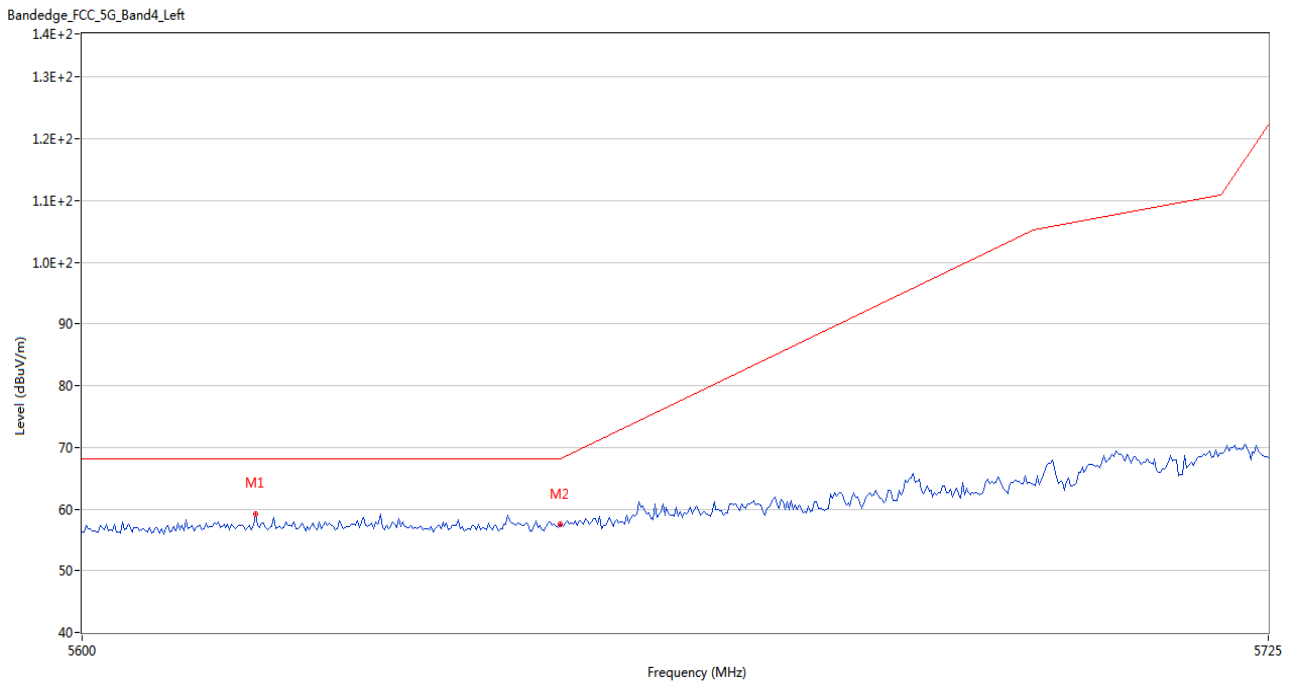
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5618.125	59.02	3.39	68.2	-9.18	Peak	136.00	100	Horizontal	Pass
2	5650.000	56.86	3.60	68.2	-11.34	Peak	182.00	200	Horizontal	Pass

U-NII-3 11ac40 CH159



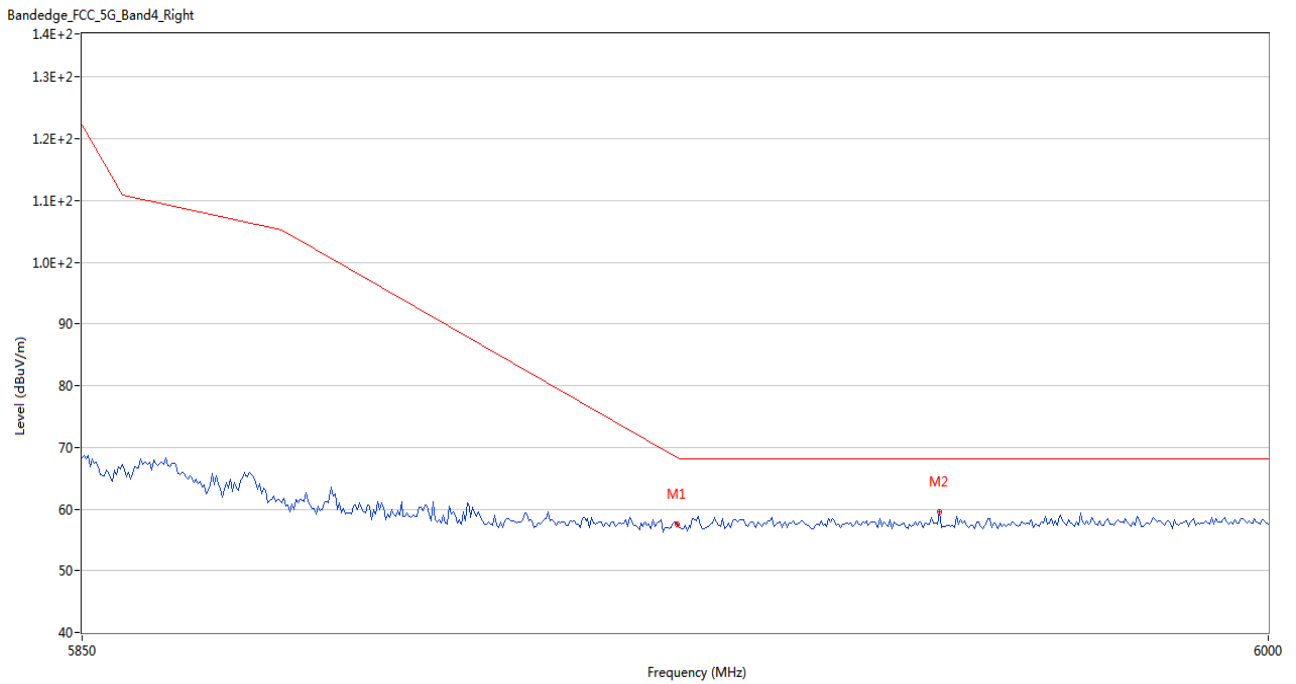
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.28	3.41	68.4	-11.12	Peak	322.00	200	Horizontal	Pass
2	5997.500	59.06	4.52	68.2	-9.14	Peak	138.00	100	Horizontal	Pass

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	5618.125	59.24	3.39	68.2	-8.96	Peak	28.00	150	Horizontal	Pass
2	5650.000	57.49	3.60	68.2	-10.71	Peak	113.00	200	Horizontal	Pass

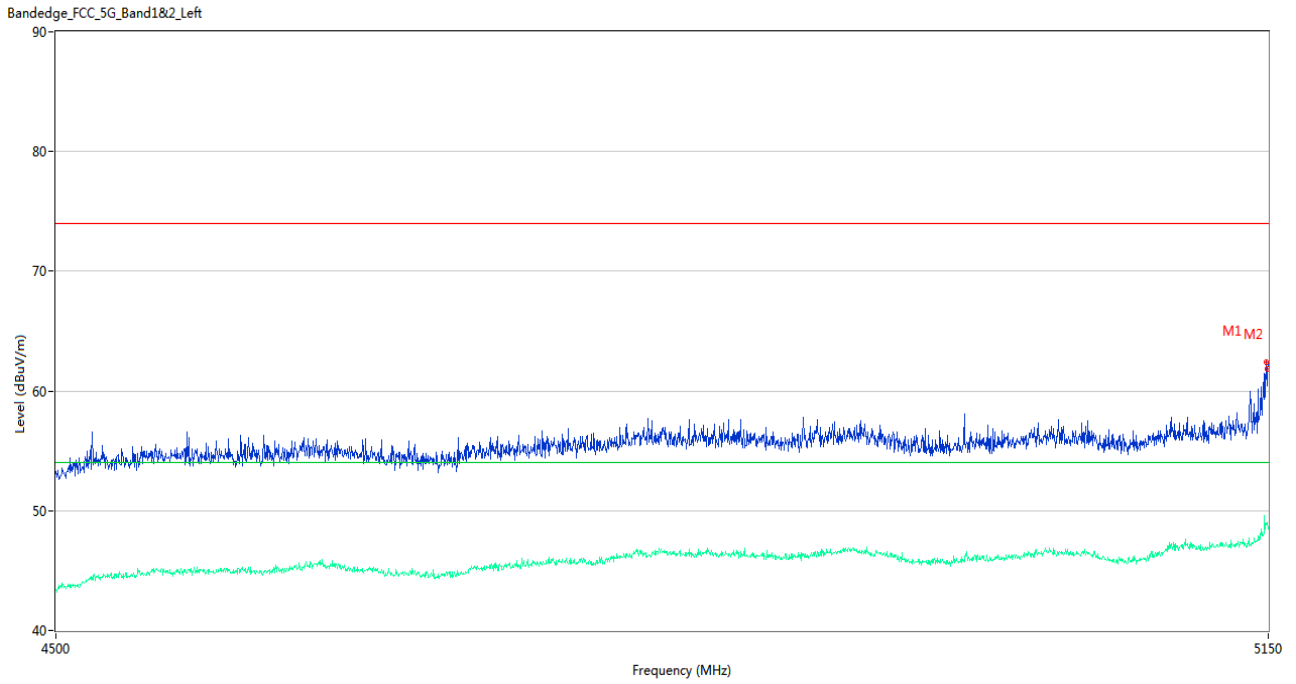
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.46	3.41	68.4	-10.94	Peak	87.00	150	Horizontal	Pass
2	5958.000	59.51	4.65	68.2	-8.69	Peak	5.00	100	Horizontal	Pass

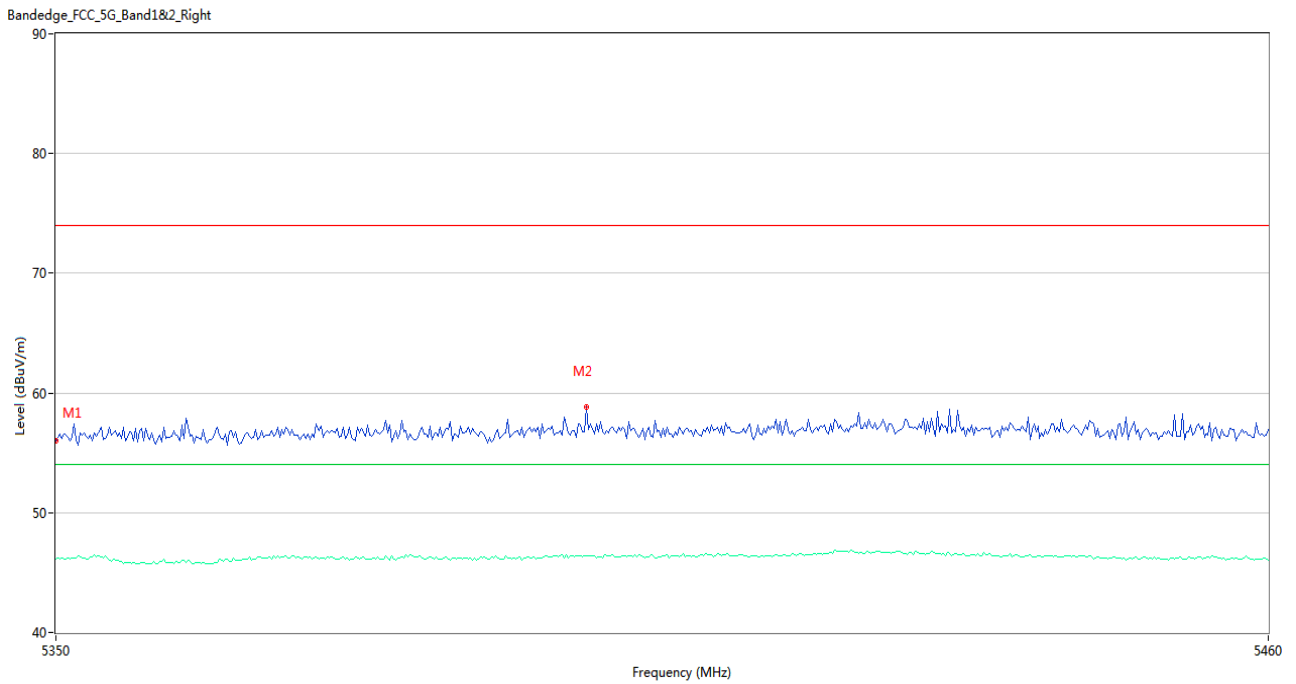
MIMO

U-NII-1 11n20 CH36



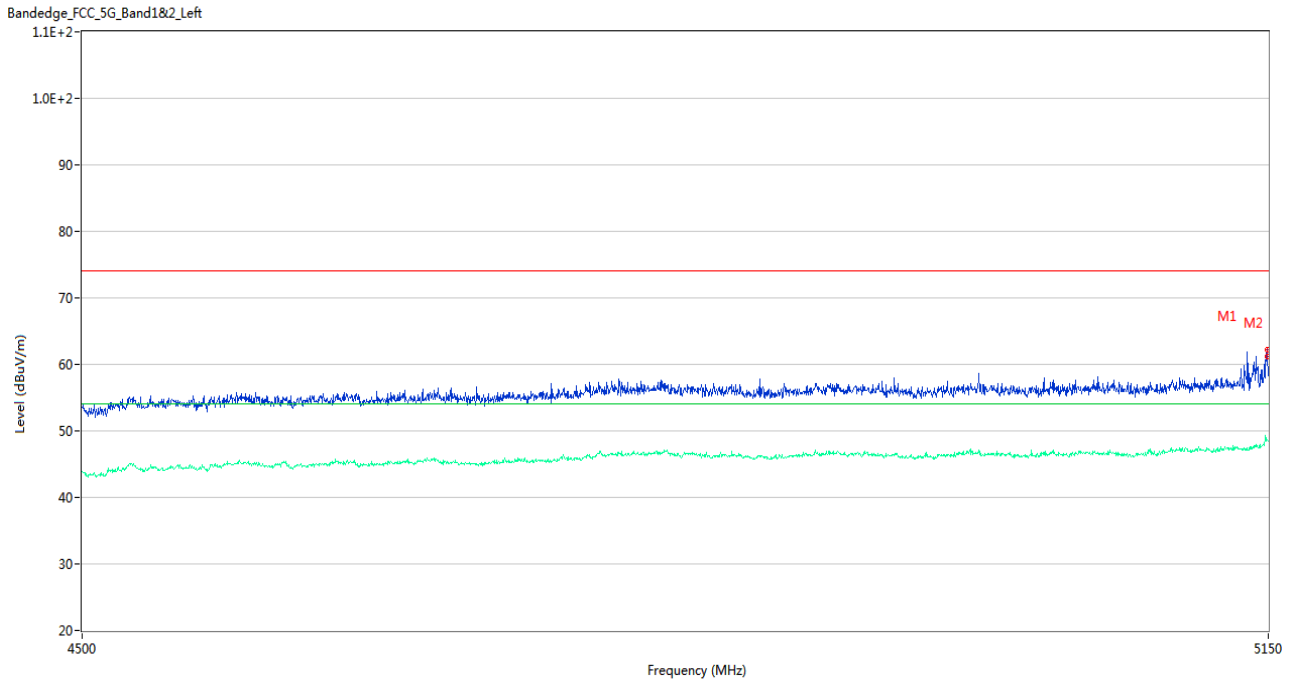
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	62.44	3.35	74.0	-11.56	Peak	92.00	100	Horizontal	Pass
1**	5148.700	48.91	3.35	54.0	-5.09	AV	92.00	100	Horizontal	Pass
2	5149.675	61.81	3.26	74.0	-12.19	Peak	68.00	100	Horizontal	Pass
2**	5149.675	49.05	3.26	54.0	-4.95	AV	68.00	100	Horizontal	Pass

U-NII-1 11n20 CH48



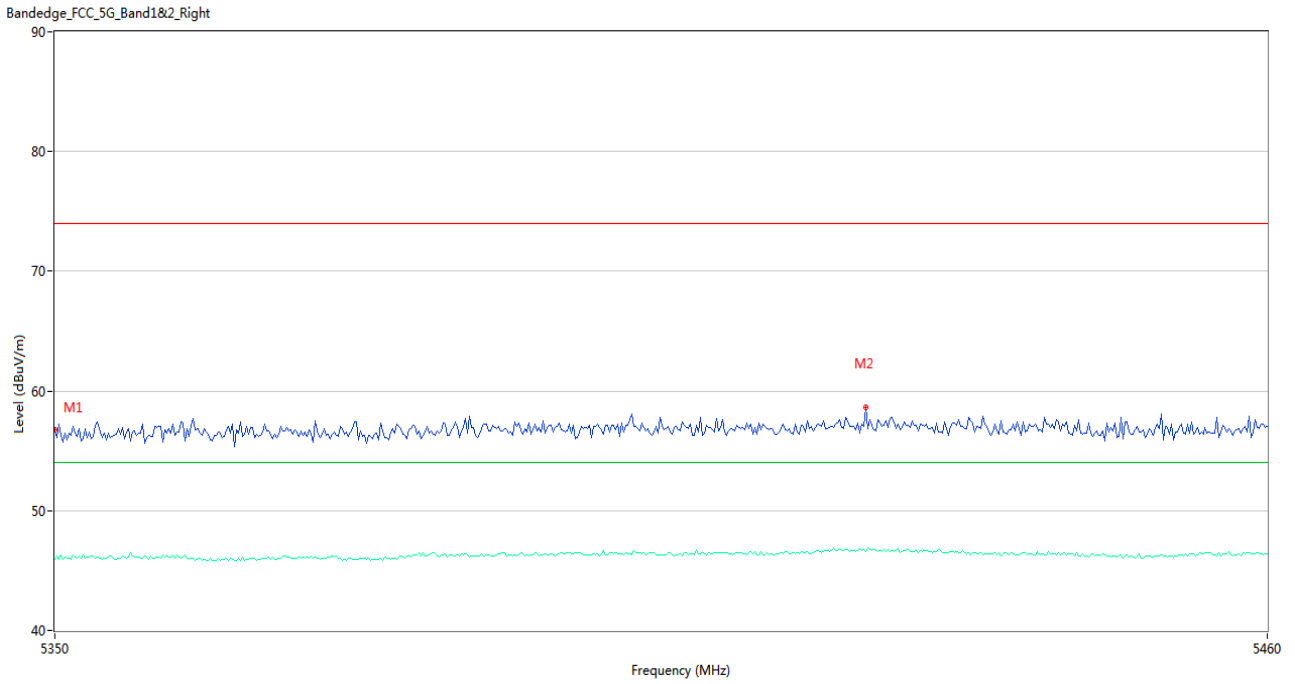
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.97	2.98	74.0	-18.03	Peak	45.00	150	Horizontal	Pass
1**	5350.000	46.15	2.98	54.0	-7.85	AV	45.00	150	Horizontal	Pass
2	5397.850	58.86	3.36	74.0	-15.14	Peak	311.00	200	Horizontal	Pass
2**	5397.850	46.41	3.36	54.0	-7.59	AV	311.00	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	5149.350	62.23	3.91	74.0	-11.77	Peak	221.00	100	Horizontal	Pass
1**	5149.350	48.57	3.91	54.0	-5.43	AV	221.00	100	Horizontal	Pass
2	5149.675	61.21	3.93	74.0	-12.79	Peak	243.00	100	Horizontal	Pass
2**	5149.675	48.70	3.93	54.0	-5.30	AV	243.00	100	Horizontal	Pass

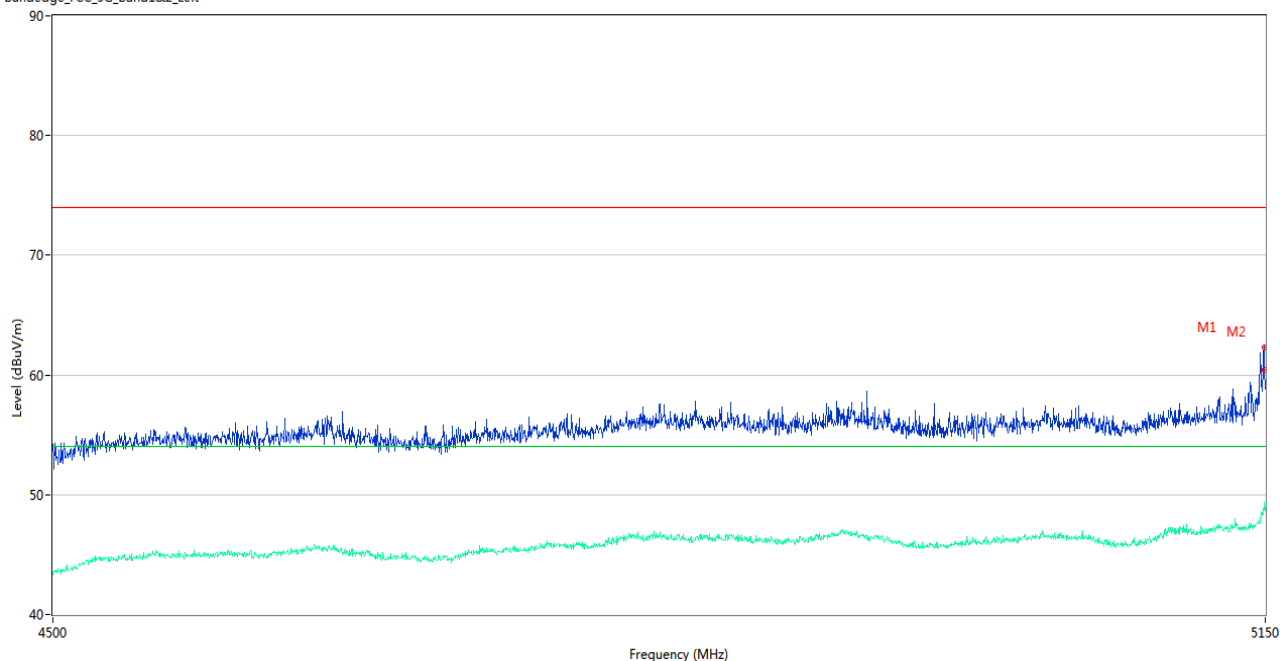
U-NII-1 11n40 CH46



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.75	2.98	74.0	-17.25	Peak	42.00	150	Horizontal	Pass
1**	5350.000	45.93	2.98	54.0	-8.07	AV	42.00	150	Horizontal	Pass
2	5423.333	58.63	3.28	74.0	-15.37	Peak	4.00	150	Horizontal	Pass
2**	5423.333	46.62	3.28	54.0	-7.38	AV	4.00	150	Horizontal	Pass

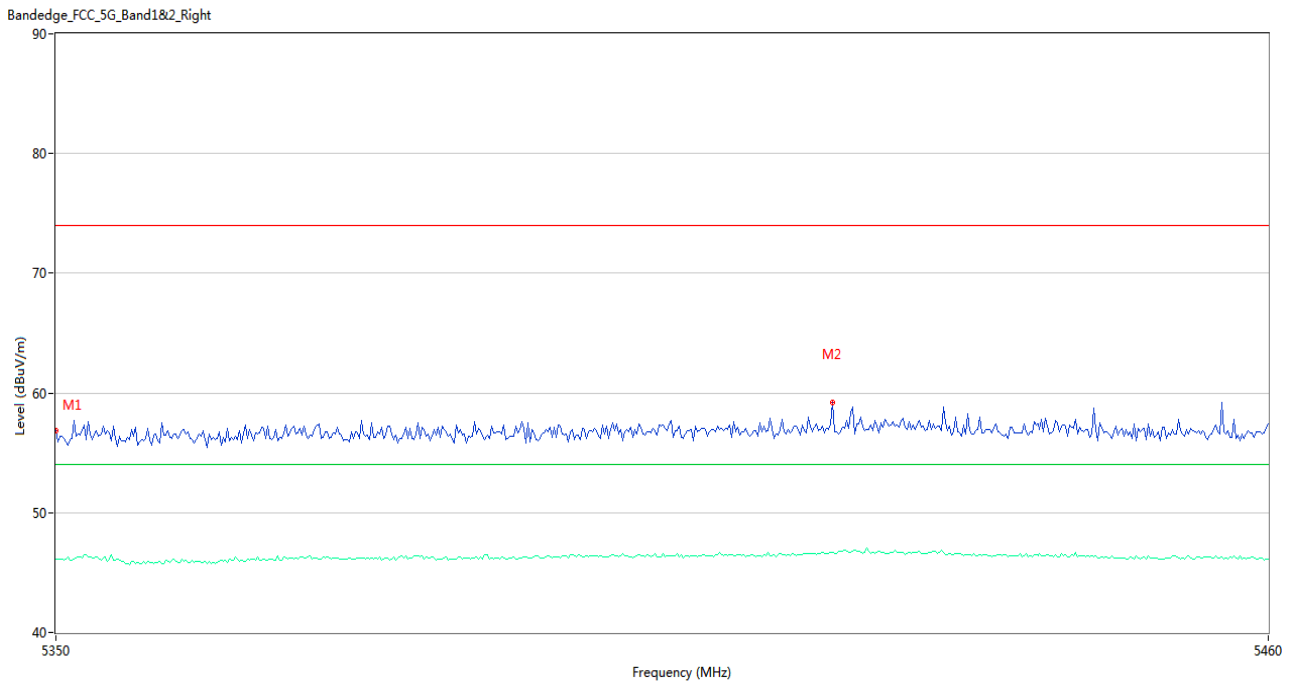
U-NII-1 11ac20 CH36

Bandedge_FCC_5G_Band1&2_Left



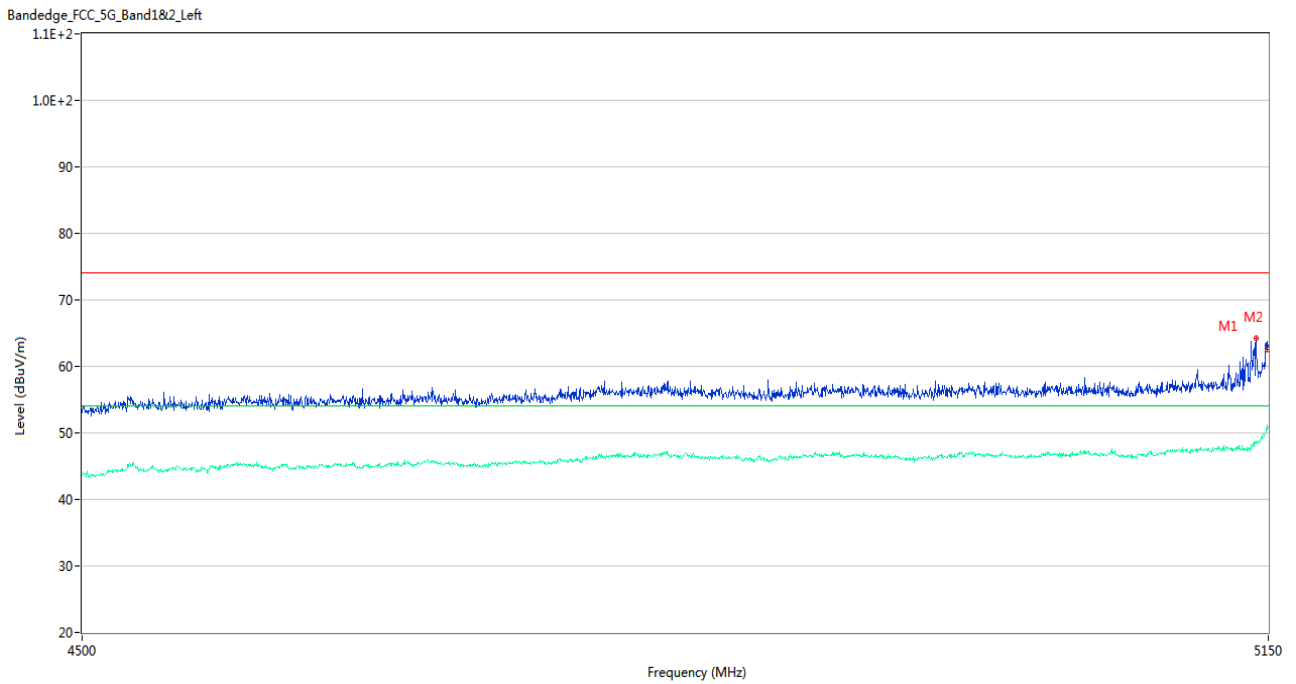
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	62.35	3.30	74.0	-11.65	Peak	66.00	100	Horizontal	Pass
1**	5149.350	48.77	3.30	54.0	-5.23	AV	66.00	100	Horizontal	Pass
2	5149.675	60.46	3.26	74.0	-13.54	Peak	89.00	100	Horizontal	Pass
2**	5149.675	49.39	3.26	54.0	-4.61	AV	89.00	100	Horizontal	Pass

U-NII-1 11ac20 CH48



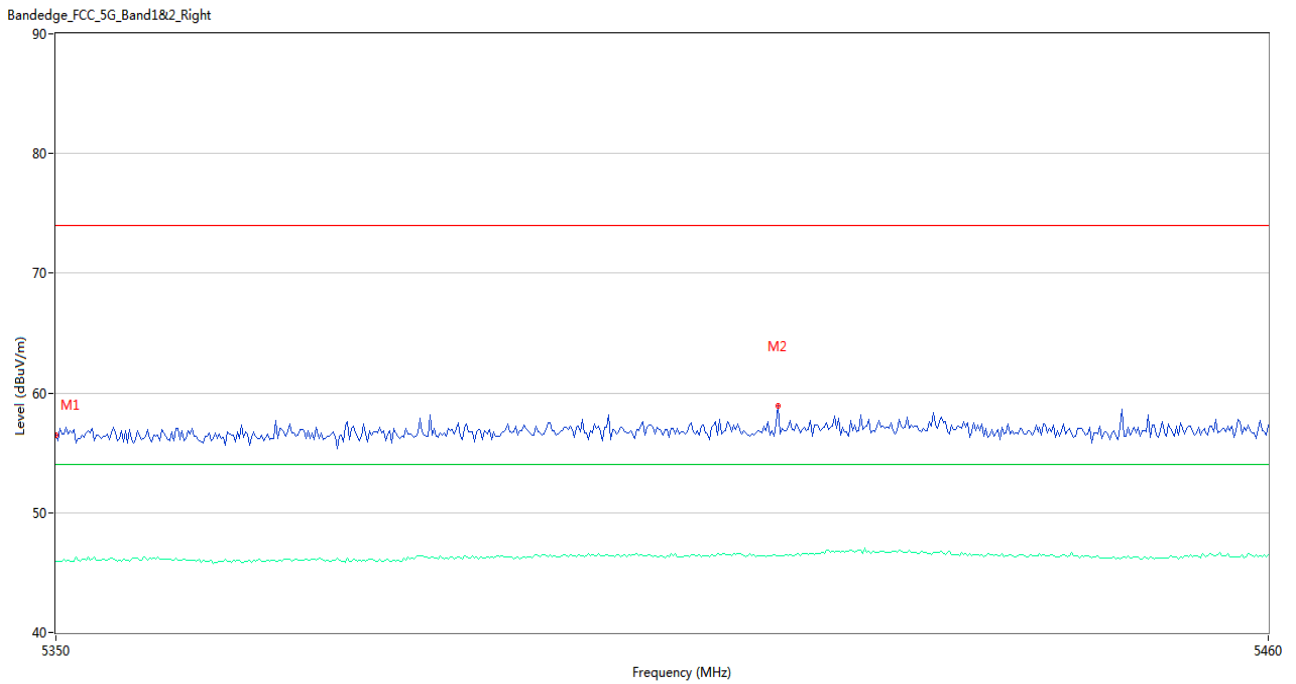
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.88	2.98	74.0	-17.12	Peak	68.00	200	Horizontal	Pass
1**	5350.000	46.11	2.98	54.0	-7.89	AV	68.00	200	Horizontal	Pass
2	5420.217	59.24	3.32	74.0	-14.76	Peak	1.00	100	Horizontal	Pass
2**	5420.217	46.70	3.32	54.0	-7.30	AV	1.00	100	Horizontal	Pass

U-NII-1 11ac40 CH38



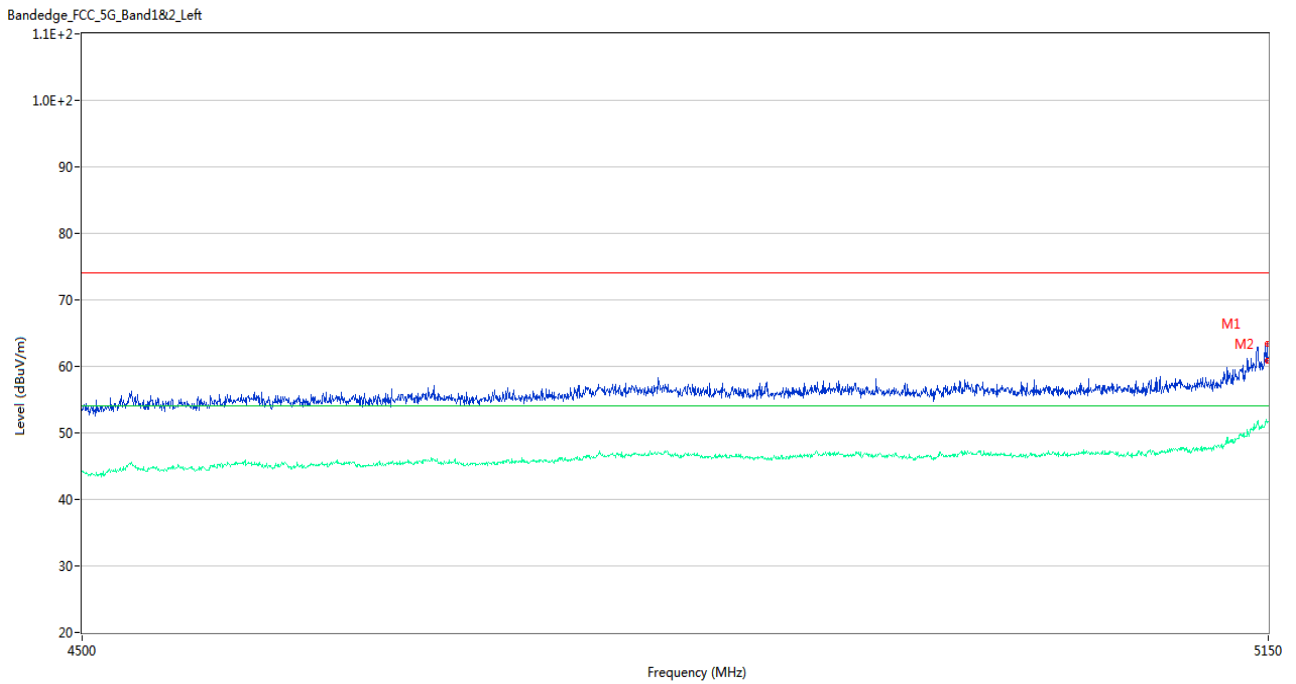
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.850	64.31	4.27	74.0	-9.69	Peak	254.00	150	Horizontal	Pass
1**	5142.850	48.62	4.27	54.0	-5.38	AV	254.00	150	Horizontal	Pass
2	5149.675	62.59	3.93	74.0	-11.41	Peak	266.00	150	Horizontal	Pass
2**	5149.675	51.11	3.93	54.0	-2.89	AV	266.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



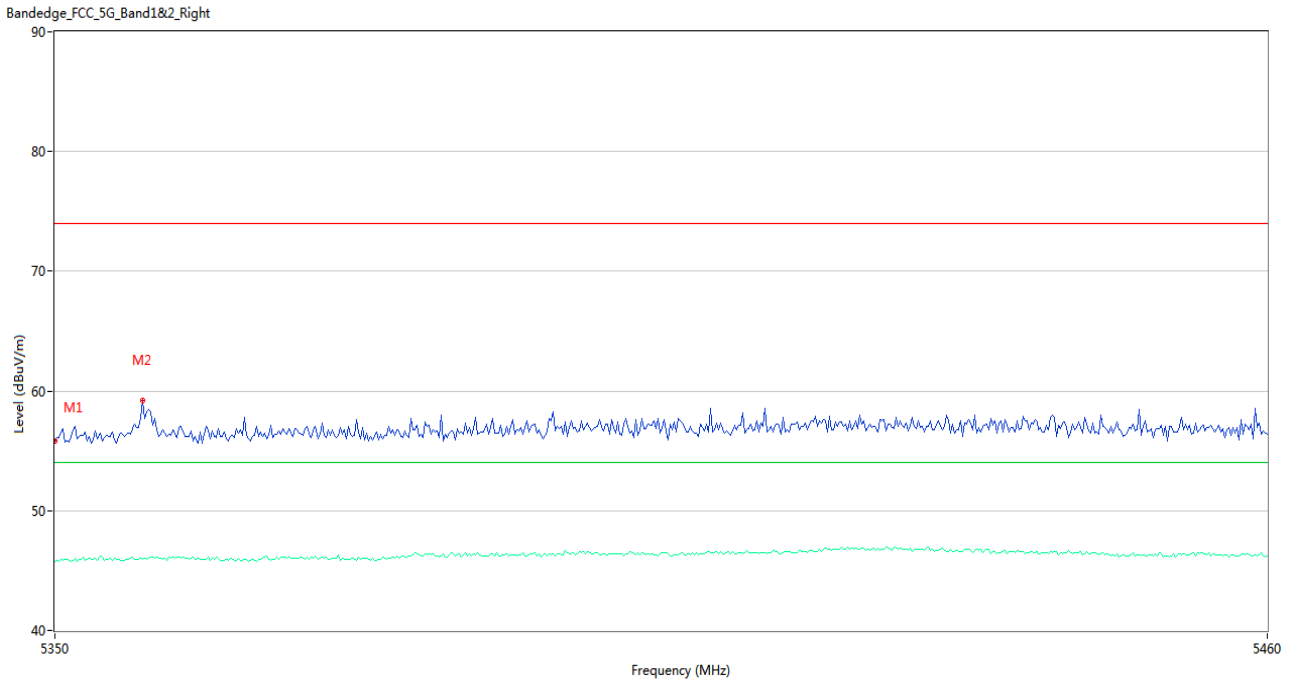
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.47	2.98	74.0	-17.53	Peak	27.00	100	Horizontal	Pass
1**	5350.000	45.96	2.98	54.0	-8.04	AV	27.00	100	Horizontal	Pass
2	5415.267	58.88	3.20	74.0	-15.12	Peak	32.00	100	Horizontal	Pass
2**	5415.267	46.38	3.20	54.0	-7.62	AV	32.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



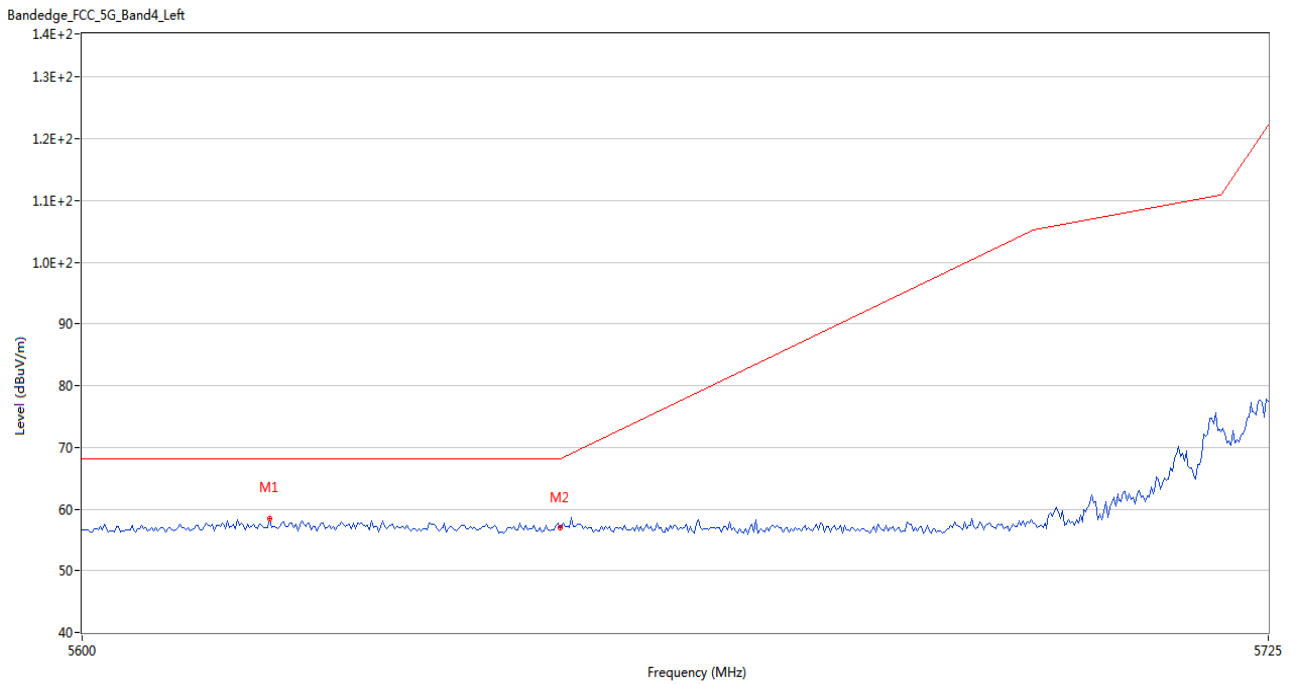
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	63.43	3.91	74.0	-10.57	Peak	271.00	150	Horizontal	Pass
1**	5149.350	51.57	3.91	54.0	-2.43	AV	271.00	150	Horizontal	Pass
2	5149.675	60.85	3.93	74.0	-13.15	Peak	321.00	200	Horizontal	Pass
2**	5149.675	51.61	3.93	54.0	-2.39	AV	321.00	200	Horizontal	Pass

U-NII-1 11ac80 CH42



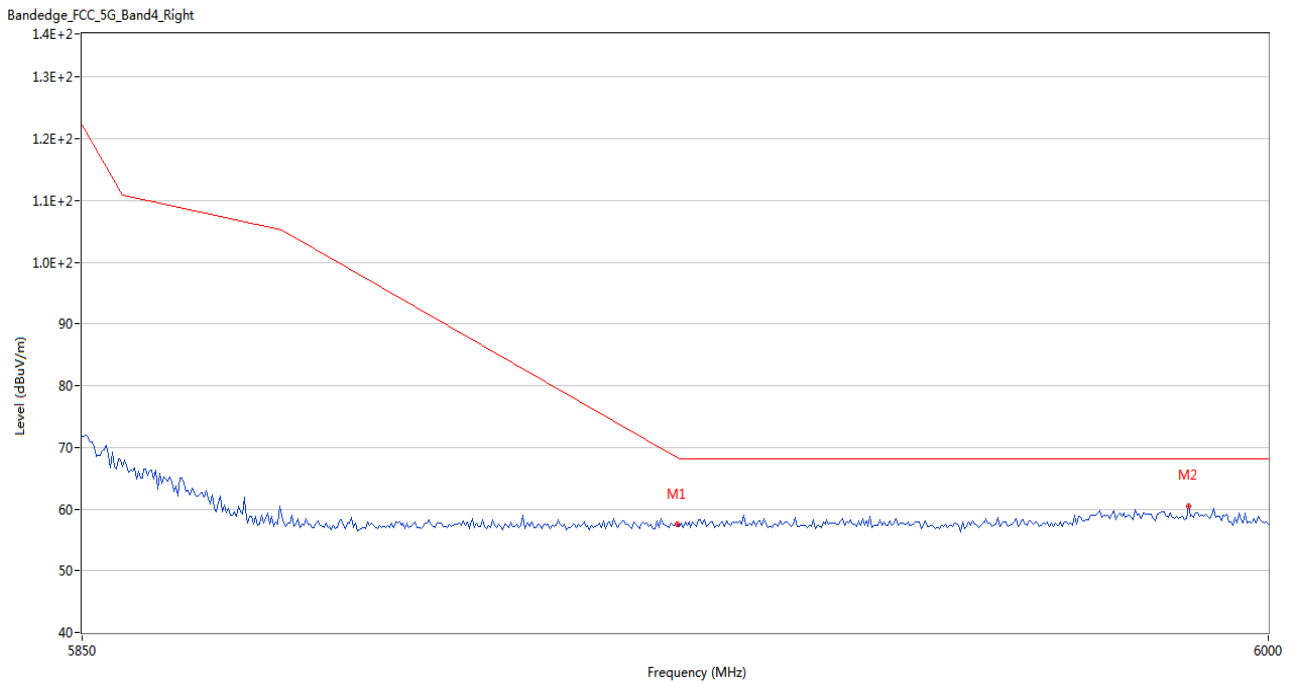
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.82	2.98	74.0	-18.18	Peak	179.00	100	Horizontal	Pass
1**	5350.000	45.72	2.98	54.0	-8.28	AV	179.00	100	Horizontal	Pass
2	5357.883	59.22	3.32	74.0	-14.78	Peak	66.00	150	Horizontal	Pass
2**	5357.883	45.92	3.32	54.0	-8.08	AV	66.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



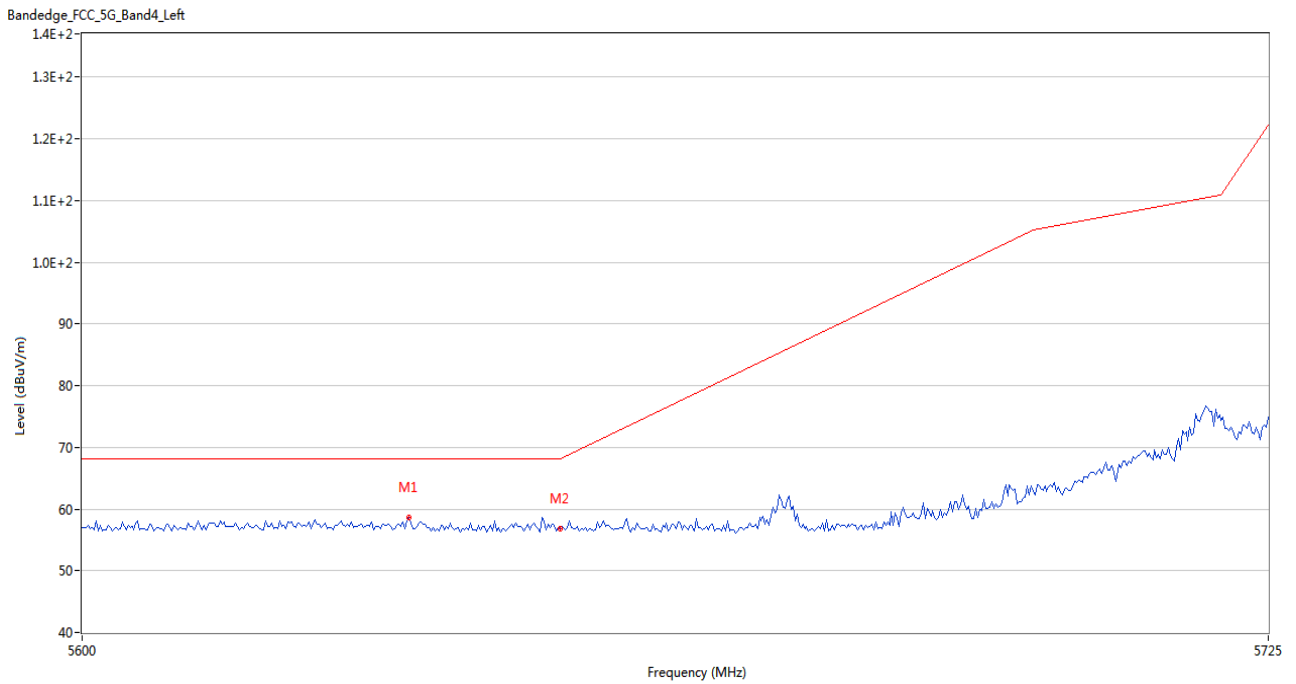
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5619.583	58.49	3.39	68.2	-9.71	Peak	123.00	200	Horizontal	Pass
2	5650.000	57.00	3.60	68.2	-11.20	Peak	55.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



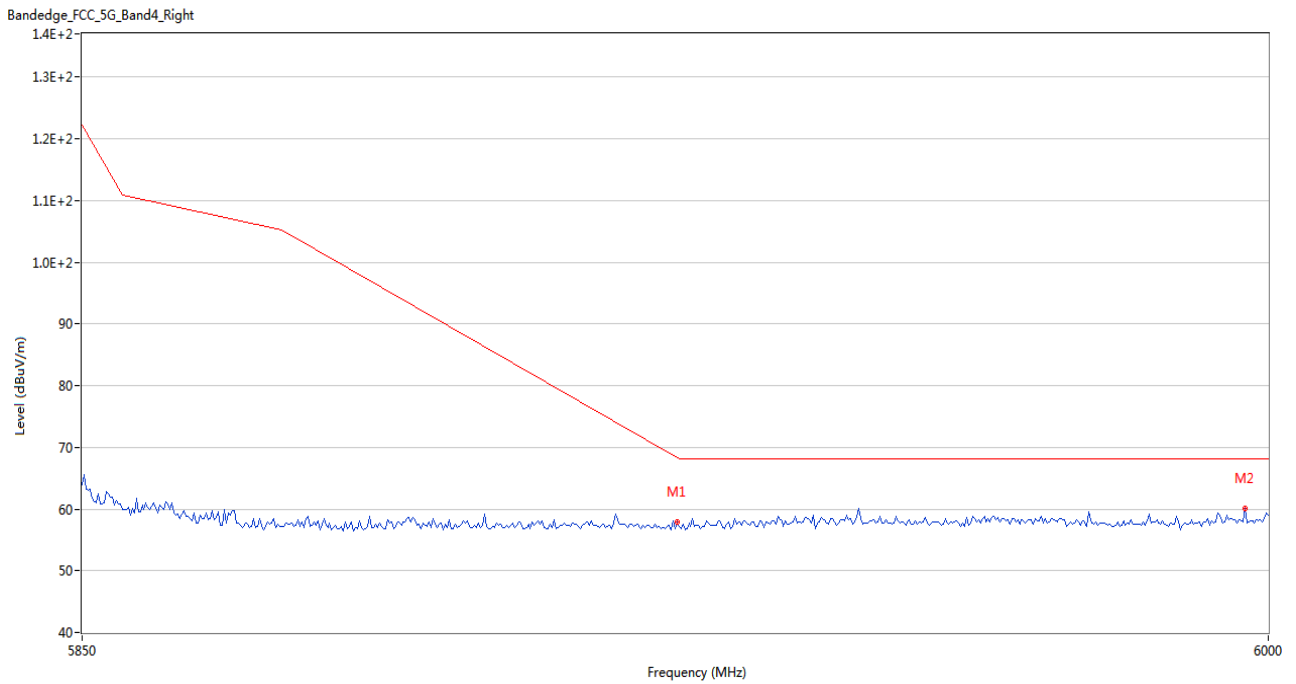
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.47	3.41	68.4	-10.93	Peak	217.00	150	Horizontal	Pass
2	5989.750	60.49	4.22	68.2	-7.71	Peak	9.00	100	Horizontal	Pass

U-NII-3 11n40 CH151



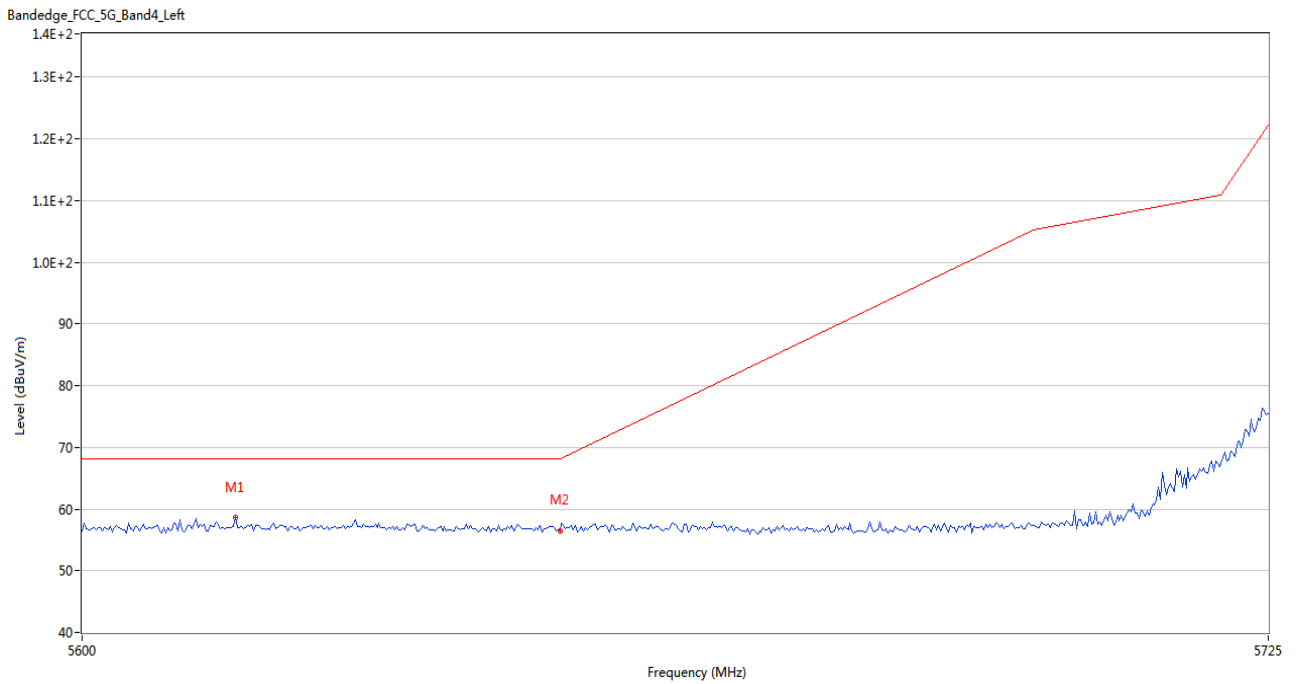
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.166	58.65	3.46	68.2	-9.55	Peak	132.00	150	Horizontal	Pass
2	5650.000	56.75	3.60	68.2	-11.45	Peak	244.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



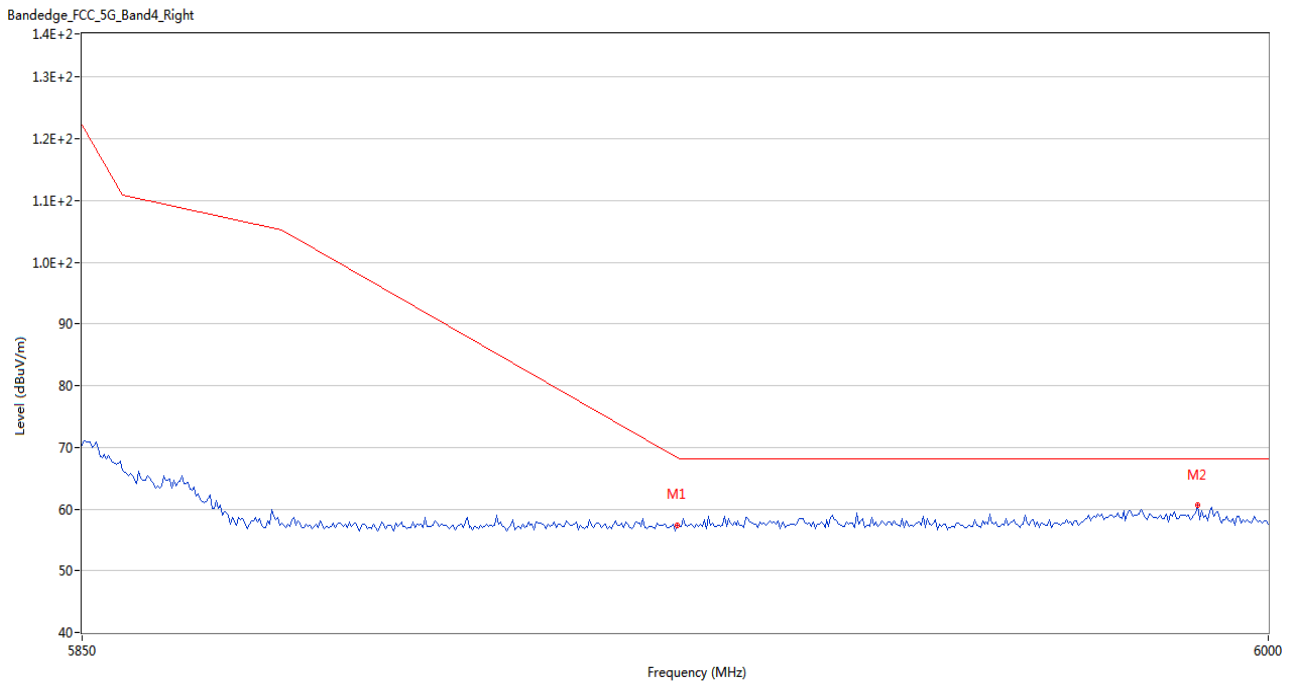
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.84	3.41	68.4	-10.56	Peak	256.00	150	Horizontal	Pass
2	5997.000	60.08	4.49	68.2	-8.12	Peak	342.00	100	Horizontal	Pass

U-NII-3 11ac20 CH149



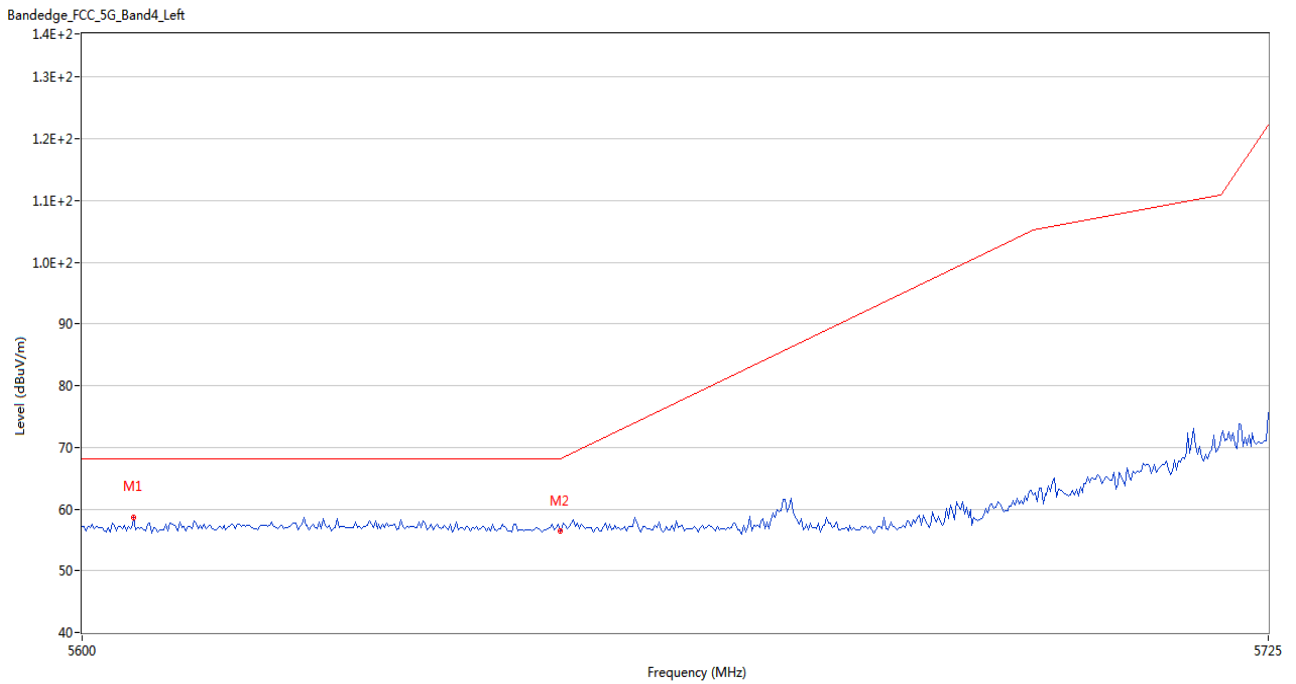
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5616.041	58.63	3.39	68.2	-9.57	Peak	270.00	200	Horizontal	Pass
2	5650.000	56.53	3.60	68.2	-11.67	Peak	178.00	200	Horizontal	Pass

U-NII-3 11ac20 CH165



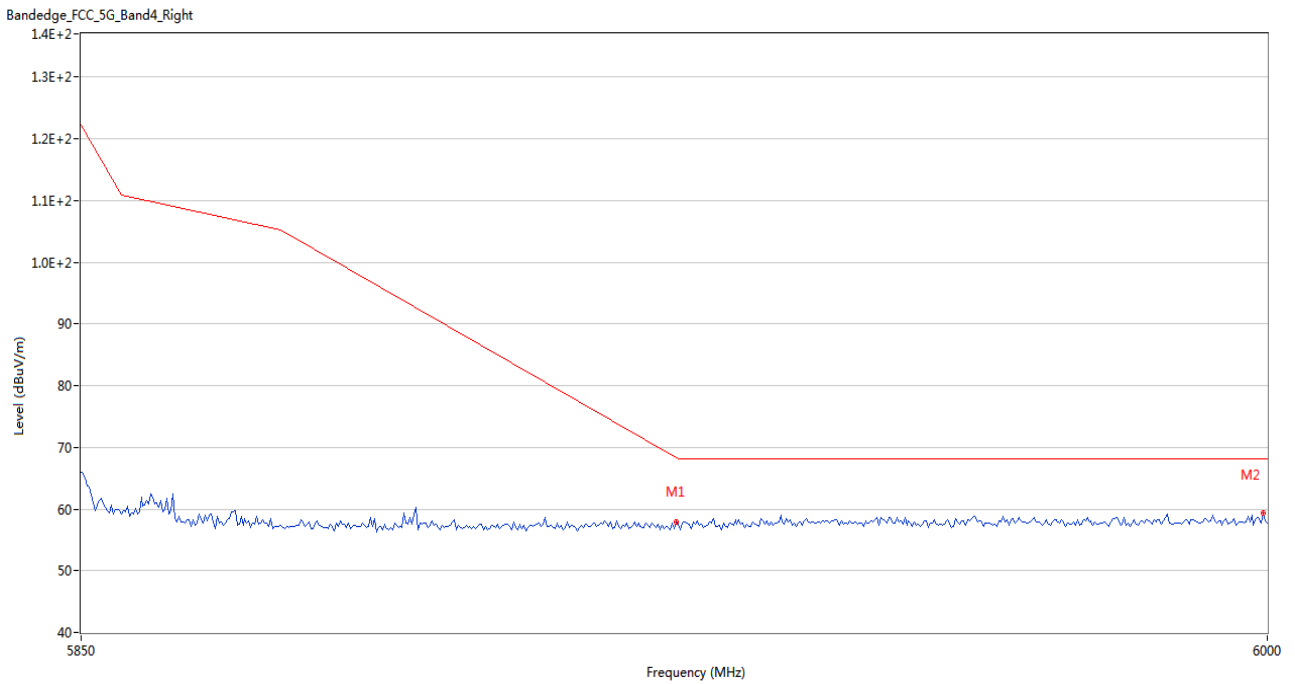
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.40	3.41	68.4	-11.00	Peak	49.00	100	Horizontal	Pass
2	5991.000	60.55	4.31	68.2	-7.65	Peak	0.00	100	Horizontal	Pass

U-NII-3 11ac40 CH151



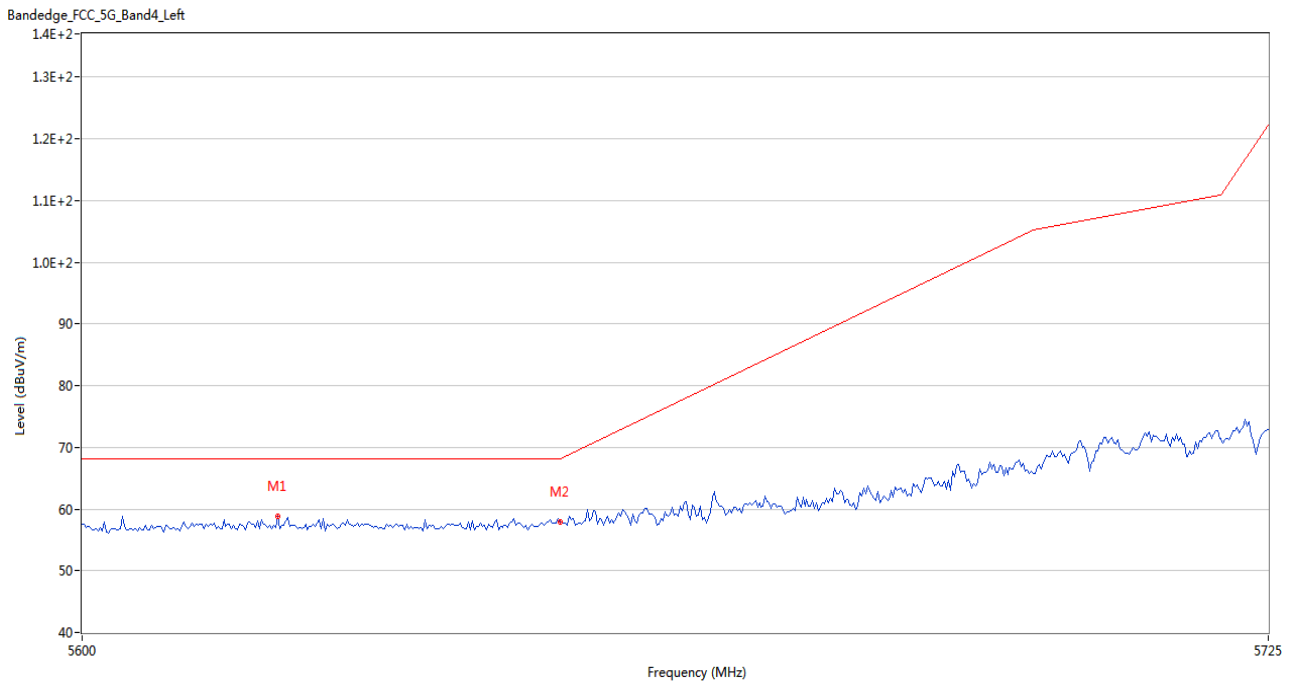
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5605.416	58.70	3.42	68.2	-9.50	Peak	46.00	150	Horizontal	Pass
2	5650.000	56.44	3.60	68.2	-11.76	Peak	156.00	200	Horizontal	Pass

U-NII-3 11ac40 CH159



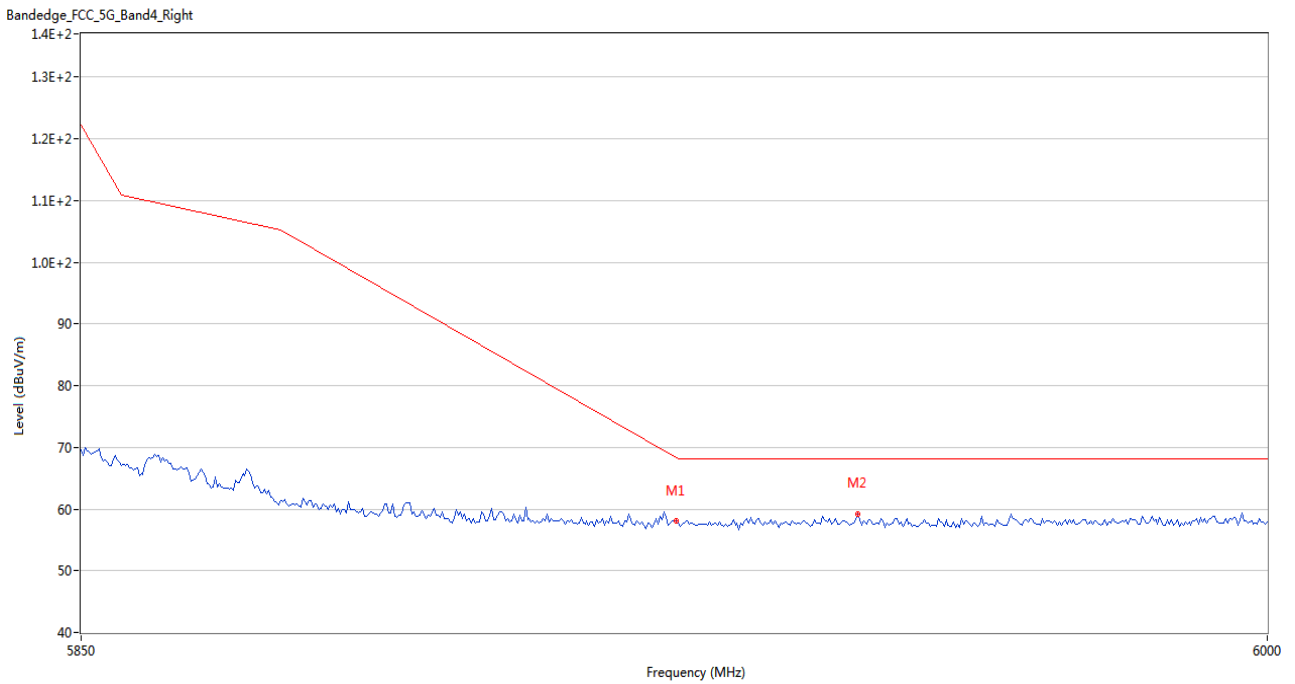
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.83	3.41	68.4	-10.57	Peak	347.00	100	Horizontal	Pass
2	5999.500	59.45	4.59	68.2	-8.75	Peak	360.00	200	Horizontal	Pass

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	5620.417	58.78	3.39	68.2	-9.42	Peak	86.00	150	Horizontal	Pass
2	5650.000	57.83	3.60	68.2	-10.37	Peak	109.00	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	5924.750	58.05	3.41	68.4	-10.35	Peak	37.00	100	Horizontal	Pass
2	5947.750	59.26	4.61	68.2	-8.94	Peak	137.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2280207-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2280207-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2280207-AI.PDF”.

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--END OF REPORT--