

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
LAPTOP

ISSUED TO
E&S INTERNATIONAL ENTERPRISES, INC.

7801 HAYVENHURST AVE. VAN NUYS, CA 91406



Tested by:

Ye Hongji
Ye Hongji

Date

Aug. 20, 2021

Approved by:

Liao Jianming

Liao Jianming
(Technical Director)

Date *Aug. 20, 2021*

Report No.: BL-SZ2170370-604

EUT Name: LAPTOP

Model Name: GWTN156-12BK (refer section 2.4)

Brand Name: Gateway

Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)

FCC ID: 2AYPE-GWTN156AMD

Test Conclusion: Pass

Test Date: Jul. 13, 2021 ~ Aug. 08, 2021

Date of Issue: Aug. 20, 2021

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Aug. 20, 2021</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, 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.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20°C to 25°C
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

1.4 Announce

- (1) The test report reference to the report template version v4.4.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	E&S INTERNATIONAL ENTERPRISES, INC.
Address	7801 HAYVENHURST AVE. VAN NUYS, CA 91406

2.2 Manufacturer

Manufacturer	E&S INTERNATIONAL ENTERPRISES, INC.
Address	7801 HAYVENHURST AVE. VAN NUYS, CA 91406

2.3 Factory

Factory	E&S INTERNATIONAL ENTERPRISES, INC.
Address	7801 HAYVENHURST AVE. VAN NUYS, CA 91406

2.4 General Description for Equipment under Test (EUT)

EUT Name	LAPTOP
Model Name Under Test	GWTN156-12BK
Series Model Name	GWTN156-12BK, GWTN156-12BL, GWTN156-12RD, GWTN156-12GR
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only different on model name and shell.
Hardware Version	XA133PR110/XA133RX200
Software Version	21H1
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-1/3
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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	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 14.95 dBm U-NII-3: 14.96 dBm
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD)
Categorization as Correlated or Completely Uncorrelated	Correlated
Antenna Type	Antenna 0 Antenna 1 PIFA Antenna
Antenna Gain	Antenna 0 Antenna 1 2.5 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Total directional gain	For power spectral density(PSD)) measurements 5.5 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log(NANT/NSS)$ dB. NSS =1, GANT set equal to the gain of the antenna having the highest gain. For power measurements 2.5 dBi (Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.
About the Product	The equipment is LAPTOP, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
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During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	MPTool
-----------------------	--------

U-NII-1 (5150 - 5250 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Antenna 0	Antenna 1
11a	CH36	5180	51	50
11a	CH44	5220	49	49
11a	CH48	5240	49	49
11n (HT20)	CH36	5180	51	50
11n (HT20)	CH44	5220	50	49
11n (HT20)	CH48	5240	50	49
11n (HT40)	CH38	5190	50	49
11n (HT40)	CH46	5230	49	49
11ac (VHT20)	CH36	5180	50	50
11ac (VHT20)	CH44	5220	49	49
11ac (VHT20)	CH48	5240	49	49
11ac (VHT40)	CH38	5190	50	49
11ac (VHT40)	CH46	5230	49	49
11ac (VHT80)	CH42	5210	50	49

U-NII-3 (5725 - 5850 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Antenna 0	Antenna 1
11a	CH149	5745	42	42
11a	CH157	5785	42	42
11a	CH165	5825	42	42
11n (HT20)	CH149	5745	42	42
11n (HT20)	CH157	5785	42	42
11n (HT20)	CH165	5825	42	42
11n (HT40)	CH151	5755	42	48
11n (HT40)	CH159	5795	42	48
11ac (VHT20)	CH149	5745	42	42
11ac (VHT20)	CH157	5785	42	42
11ac (VHT20)	CH165	5825	42	42
11ac (VHT40)	CH151	5755	47	48
11ac (VHT40)	CH159	5795	48	48
11ac (VHT80)	CH155	5775	42	42

Run Software:

MPTool

1*2_PG Quit Reset Help Enable Autolnsta! Flash

Stop Testing MAP E-FUSE

HW Tx Packet Setting

Testing Item

Continuous Tx

A 49 B 0

C 0 D 0

Band Bandwidth

5G 20M

Data Rate

OFDM 6M

Preamble

Long GI

Channel

44

Tx Path Rx Path

A A

RFPathSet

Default

Pattern ☐ LDPC

Random

Length Count

1000

Type Period

Normal 2000

Mac Address

Self Get

2418C6B2F735

Tx Dest Set

FFFFFFFFFFFF

FW

LED1 ON Ant_1

IOK LCK

PMAC Packet TX Start

Tx Packets 1

Rx OK 0

Rx CRC32 Error 0

Rx P/M OK ☐ PHYOK MACOK

Rx P/M Err ☐ PHYERR MACERR

EFUSE

Write Read Update

BYTE Offset Value

RF RfPath_A

Offset

Value

Reg Read Reg Write

RF Read RF Write

TxPwrTrack Start

Thermal Val + Monitor

Crystal Calibration

XinXout 0x18

☒ EnableTxPowerLimit

Change settings

Power by rate file: Default

Power limit file: Default

EFuse Used 246 Bytes

2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	155	5775
44	5220	151	5755		
48	5240	159	5795		
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

For 802.11ac(VHT80)

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

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	165/149
	11n(20 MHz)	6.5		48/36	165/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/36	165/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 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	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	-10°C
	HT (High Temperature)	+45°C
Working Voltage of the EUT	NV (Normal Voltage)	11.40 V
	LV (Low Voltage)	10.50 V
	HV (High Voltage)	13.05 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.06.01	2022.05.31
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.01.05	2023.01.04
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2018.08.08	2022.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

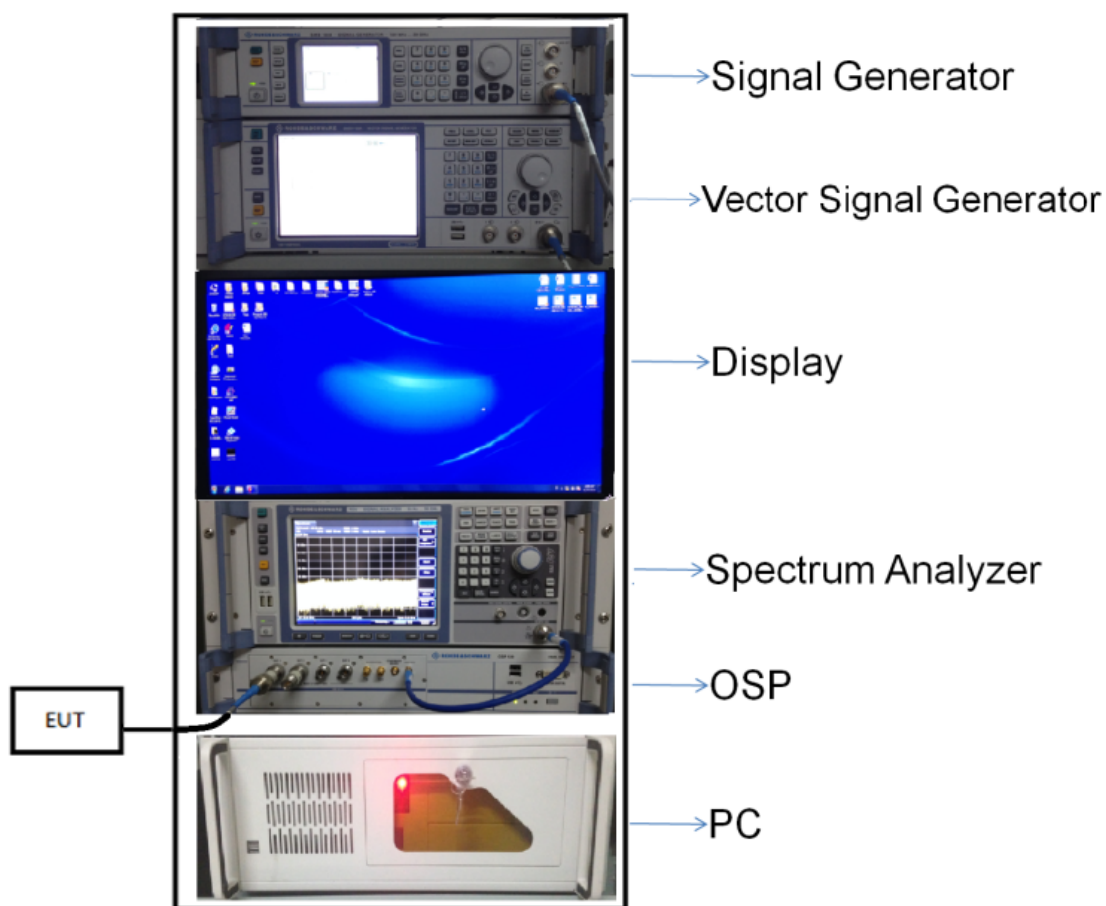
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
Occupied Channel Bandwidth	$\pm 2.8\%$
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	$\pm 0.82^{\circ}\text{C}$
Humidity	$\pm 4.1\%$

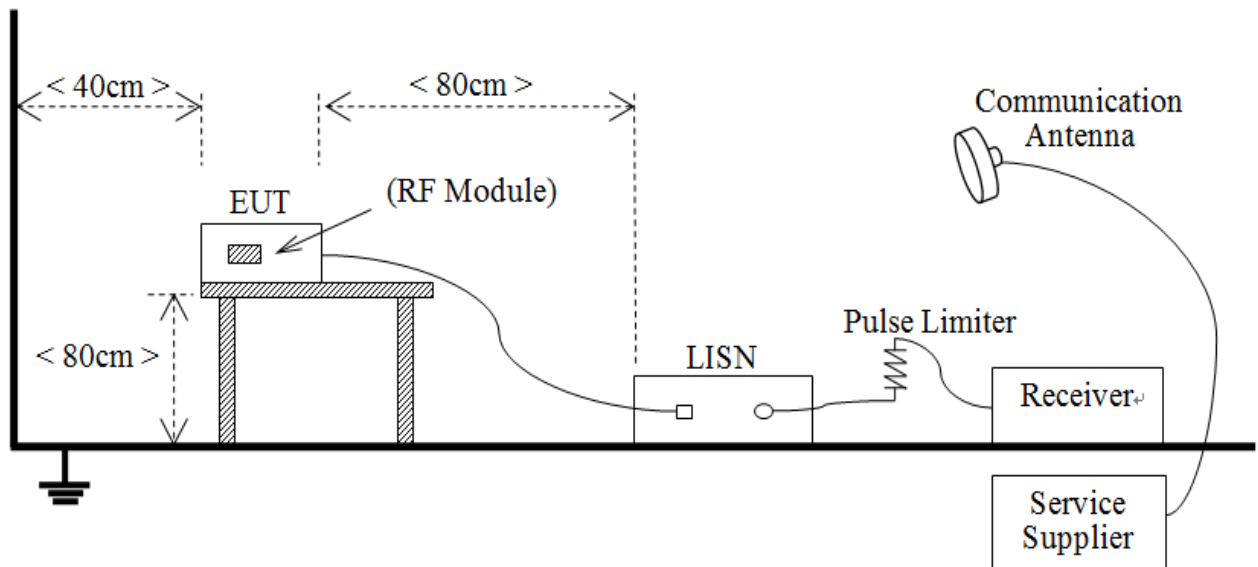
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



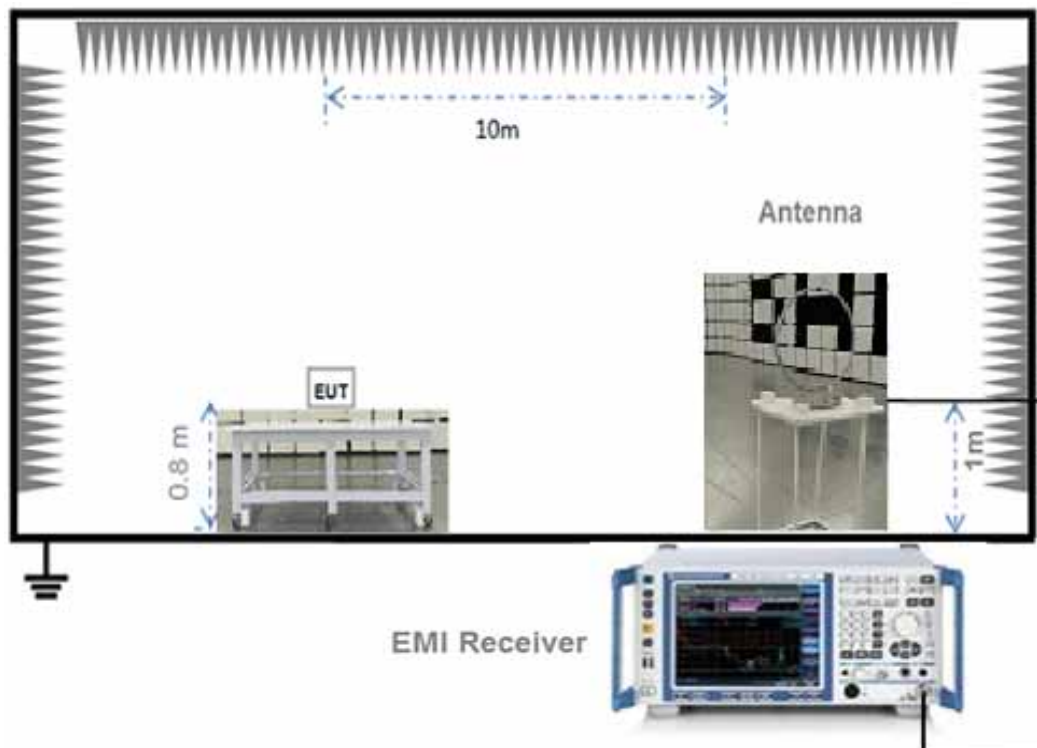
(Diagram 1)

4.4.2 For AC Power Supply Port Test



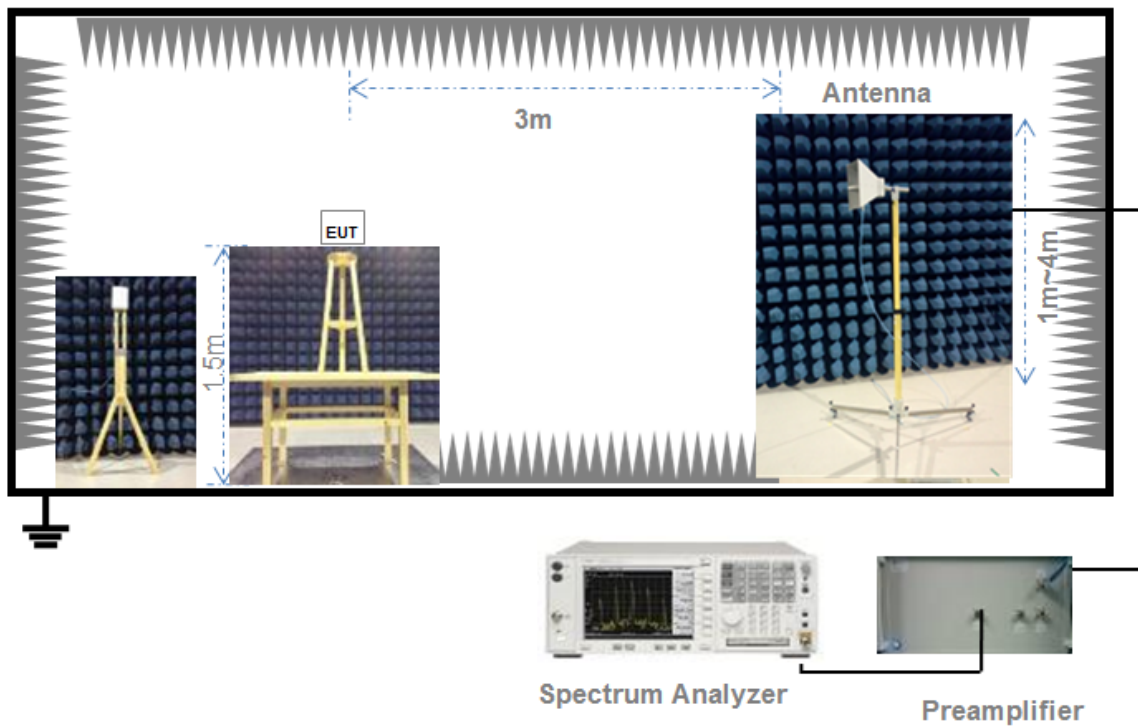
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



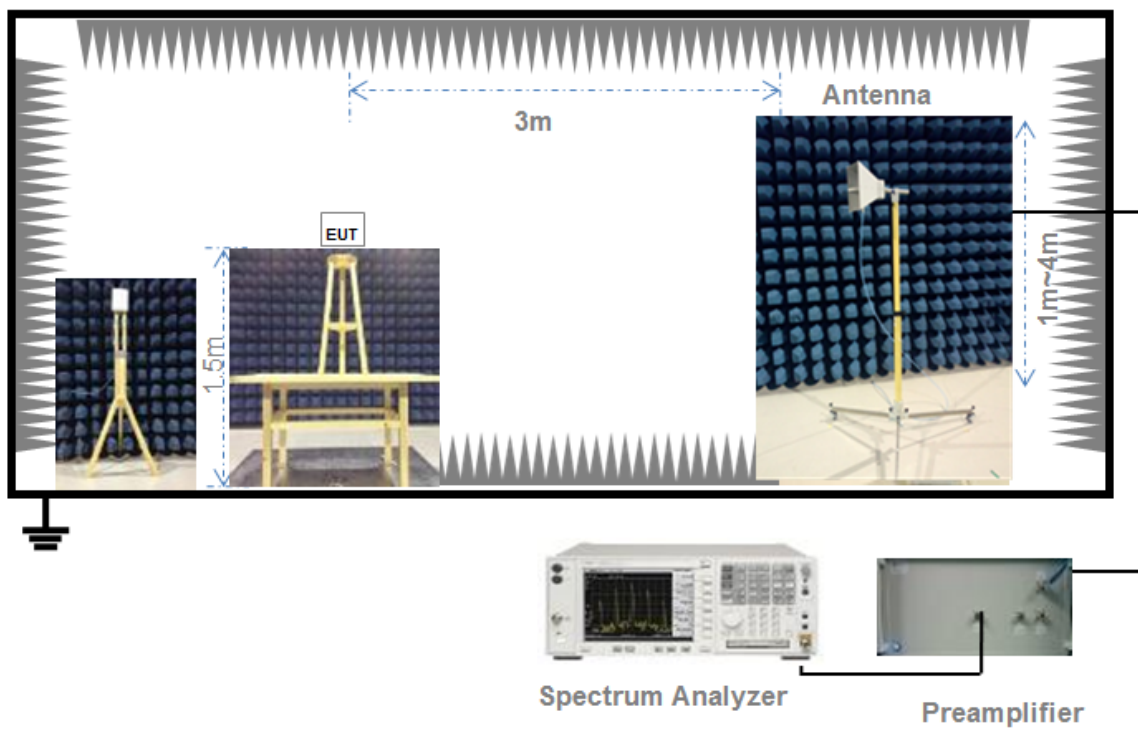
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 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.	

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
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 99% emissions bandwidth in MHz.	

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

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note: Where "B" is the 99% emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.4.1 (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), RSS-247, 6.2

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 4.4.1 (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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A

5.3.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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 4.4.2 (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)

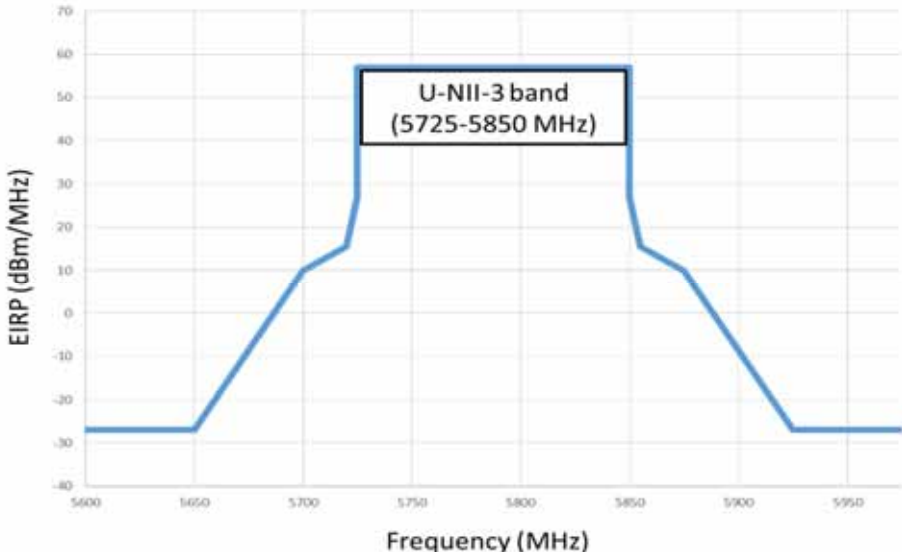
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

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

5.5.2 Test Setup

The section 4.4.3-4.4.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

Antenna 0

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.97	31.41	250	Pass
11a	CH44	14.68	29.38	250	Pass
11a	CH48	14.72	29.65	250	Pass
11n (HT20)	CH36	14.84	30.48	250	Pass
11n (HT20)	CH44	14.72	29.65	250	Pass
11n (HT20)	CH48	14.92	31.05	250	Pass
11n (HT40)	CH38	14.79	30.13	250	Pass
11n (HT40)	CH46	14.75	29.85	250	Pass
11ac (VHT20)	CH36	14.64	29.11	250	Pass
11ac (VHT20)	CH44	14.56	28.58	250	Pass
11ac (HVT20)	CH48	14.64	29.11	250	Pass
11ac (VHT40)	CH38	14.90	30.90	250	Pass
11ac (VHT40)	CH46	14.83	30.41	250	Pass
11ac (VHT80)	CH42	14.87	30.69	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.93	31.12	1000	Pass
11a	CH157	14.90	30.90	1000	Pass
11a	CH165	14.83	30.41	1000	Pass
11n (HT20)	CH149	14.78	30.06	1000	Pass
11n (HT20)	CH157	14.89	30.83	1000	Pass
11n (HT20)	CH165	14.87	30.69	1000	Pass
11n (HT40)	CH151	14.89	30.83	1000	Pass
11n (HT40)	CH159	14.83	30.41	1000	Pass
11ac (VHT20)	CH149	14.89	30.83	1000	Pass
11ac (VHT20)	CH157	14.87	30.69	1000	Pass
11ac (VHT20)	CH165	14.90	30.90	1000	Pass
11a c(VHT40)	CH151	14.64	29.11	1000	Pass
11ac (VHT40)	CH159	14.84	30.48	1000	Pass
11ac (VHT80)	CH155	14.93	31.12	1000	Pass

Antenna 1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.94	31.19	250	Pass
11a	CH44	14.95	31.26	250	Pass
11a	CH48	14.89	30.83	250	Pass
11n (HT20)	CH36	14.84	30.48	250	Pass
11n (HT20)	CH44	14.83	30.41	250	Pass
11n (HT20)	CH48	14.91	30.97	250	Pass
11n (HT40)	CH38	14.86	30.62	250	Pass
11n (HT40)	CH46	14.75	29.85	250	Pass
11ac (VHT20)	CH36	14.84	30.48	250	Pass
11ac (VHT20)	CH44	14.92	31.05	250	Pass
11ac (HVT20)	CH48	14.90	30.90	250	Pass
11ac (VHT40)	CH38	14.84	30.48	250	Pass
11ac (VHT40)	CH46	14.79	30.13	250	Pass
11ac (VHT80)	CH42	14.78	30.06	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.85	30.55	1000	Pass
11a	CH157	14.74	29.79	1000	Pass
11a	CH165	14.67	29.31	1000	Pass
11n (HT20)	CH149	14.68	29.38	1000	Pass
11n (HT20)	CH157	14.72	29.65	1000	Pass
11n (HT20)	CH165	14.64	29.11	1000	Pass
11n (HT40)	CH151	14.92	31.05	1000	Pass
11n (HT40)	CH159	14.96	31.33	1000	Pass
11ac (VHT20)	CH149	14.65	29.17	1000	Pass
11ac (VHT20)	CH157	14.77	29.99	1000	Pass
11ac (VHT20)	CH165	14.67	29.31	1000	Pass
11a c(VHT40)	CH151	14.58	28.71	1000	Pass
11ac (VHT40)	CH159	14.94	31.19	1000	Pass
11ac (VHT80)	CH155	14.64	29.11	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2170370-604 Data Part 1.pdf”.

Test Data

Antenna 0

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.57	16.58
11a	CH44	16.56	16.57
11a	CH48	16.56	16.57
11n (HT20)	CH36	17.70	17.70
11n (HT20)	CH44	17.69	17.69
11n (HT20)	CH48	17.68	17.69
11n (HT40)	CH38	36.29	36.29
11n (HT40)	CH46	36.22	36.23
11ac (VHT20)	CH36	17.69	17.70
11ac (VHT20)	CH44	17.68	17.69
11ac (VHT20)	CH48	17.68	17.68
11ac (VHT40)	CH38	36.30	36.28
11ac (VHT40)	CH46	36.20	36.23
11ac (VHT80)	CH42	75.95	75.97

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16.58	16.59
11a	CH157	16.62	16.63
11a	CH165	16.60	16.60
11n (HT20)	CH149	17.69	17.69
11n (HT20)	CH157	17.71	17.71
11n (HT20)	CH165	17.70	17.70
11n (HT40)	CH151	36.30	36.33
11n (HT40)	CH159	36.27	36.28
11ac (VHT20)	CH149	17.73	17.73
11ac (VHT20)	CH157	17.76	17.77
11ac (VHT20)	CH165	17.75	17.75
11ac (VHT40)	CH151	36.68	36.71
11ac (VHT40)	CH159	36.93	36.94
11ac (VHT80)	CH155	75.96	75.98

Antenna 1

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.57	16.57
11a	CH44	16.56	16.57
11a	CH48	16.56	16.57
11n (HT20)	CH36	17.69	17.69
11n (HT20)	CH44	17.68	17.69
11n (HT20)	CH48	17.68	17.69
11n (HT40)	CH38	36.27	36.27
11n (HT40)	CH46	36.22	36.23
11ac (VHT20)	CH36	17.70	17.71
11ac (VHT20)	CH44	17.70	17.71
11ac (VHT20)	CH48	17.69	17.70
11ac (VHT40)	CH38	36.27	36.27
11ac (VHT40)	CH46	36.21	36.23
11ac (VHT80)	CH42	75.93	75.95

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16.58	16.58
11a	CH157	16.62	16.63
11a	CH165	16.60	16.60
11n (HT20)	CH149	17.69	17.69
11n (HT20)	CH157	17.70	17.71
11n (HT20)	CH165	17.69	17.70
11n (HT40)	CH151	36.53	36.54
11n (HT40)	CH159	36.68	36.71
11ac (VHT20)	CH149	17.69	17.69
11ac (VHT20)	CH157	17.70	17.71
11ac (VHT20)	CH165	17.70	17.70
11ac (VHT40)	CH151	36.62	36.63
11ac (VHT40)	CH159	36.73	36.72
11ac (VHT80)	CH155	75.96	75.98

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2170370-604 Data Part 2.pdf”.

Antenna 0

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.65	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.65	500.00	Pass
11n (HT20)	CH149	17.75	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.75	500.00	Pass
11n (HT40)	CH151	36.55	500.00	Pass
11n (HT40)	CH159	36.55	500.00	Pass
11ac (VHT20)	CH149	17.75	500.00	Pass
11ac (VHT20)	CH157	17.75	500.00	Pass
11ac (VHT20)	CH165	17.75	500.00	Pass
11ac (VHT40)	CH151	36.55	500.00	Pass
11ac (VHT40)	CH159	36.55	500.00	Pass
11ac (VHT80)	CH155	76.40	500.00	Pass

Antenna 1

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.65	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.65	500.00	Pass
11n (HT20)	CH149	17.75	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.75	500.00	Pass
11n (HT40)	CH151	36.55	500.00	Pass
11n (HT40)	CH159	36.50	500.00	Pass
11ac (VHT20)	CH149	17.75	500.00	Pass
11ac (VHT20)	CH157	17.80	500.00	Pass
11ac (VHT20)	CH165	17.75	500.00	Pass
11ac (VHT40)	CH151	36.55	500.00	Pass
11ac (VHT40)	CH159	36.50	500.00	Pass
11ac (VHT80)	CH155	76.40	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2170370-604 Data Part 3.pdf”.

Note ²: 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

Antenna 0

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.57	11.00	Pass
11a	CH44	1.16	11.00	Pass
11a	CH48	1.56	11.00	Pass
11n (HT20)	CH36	1.30	11.00	Pass
11n (HT20)	CH44	1.29	11.00	Pass
11n (HT20)	CH48	1.66	11.00	Pass
11n (HT40)	CH38	-2.10	11.00	Pass
11n (HT40)	CH46	-1.66	11.00	Pass
11ac (VHT20)	CH36	0.90	11.00	Pass
11ac (VHT20)	CH44	0.83	11.00	Pass
11ac (VHT20)	CH48	1.18	11.00	Pass
11ac (VHT40)	CH38	-2.15	11.00	Pass
11ac (VHT40)	CH46	-1.71	11.00	Pass
11ac (VHT80)	CH42	-3.41	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.99	30.00	Pass
11a	CH157	-1.58	30.00	Pass
11a	CH165	-1.50	30.00	Pass
11n (HT20)	CH149	-2.27	30.00	Pass
11n (HT20)	CH157	-2.02	30.00	Pass
11n (HT20)	CH165	-1.82	30.00	Pass
11n (HT40)	CH151	-5.34	30.00	Pass
11n (HT40)	CH159	-4.55	30.00	Pass
11ac (VHT20)	CH149	-2.36	30.00	Pass
11ac (VHT20)	CH157	-2.05	30.00	Pass
11ac (VHT20)	CH165	-1.75	30.00	Pass
11ac (VHT40)	CH151	-3.07	30.00	Pass
11ac (VHT40)	CH159	-1.88	30.00	Pass
11ac (VHT80)	CH155	-6.48	30.00	Pass

Antenna 1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.14	11.00	Pass
11a	CH44	1.08	11.00	Pass
11a	CH48	1.44	11.00	Pass
11n (HT20)	CH36	0.86	11.00	Pass
11n (HT20)	CH44	0.78	11.00	Pass
11n (HT20)	CH48	1.20	11.00	Pass
11n (HT40)	CH38	-2.51	11.00	Pass
11n (HT40)	CH46	-1.65	11.00	Pass
11ac (VHT20)	CH36	0.97	11.00	Pass
11ac (VHT20)	CH44	0.90	11.00	Pass
11ac (VHT20)	CH48	1.33	11.00	Pass
11ac (VHT40)	CH38	-2.44	11.00	Pass
11ac (VHT40)	CH46	-1.64	11.00	Pass
11ac (VHT80)	CH42	-3.80	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.16	30.00	Pass
11a	CH157	-1.96	30.00	Pass
11a	CH165	-1.69	30.00	Pass
11n (HT20)	CH149	-2.42	30.00	Pass
11n (HT20)	CH157	-2.37	30.00	Pass
11n (HT20)	CH165	-1.98	30.00	Pass
11n (HT40)	CH151	-2.62	30.00	Pass
11n (HT40)	CH159	-2.09	30.00	Pass
11ac (VHT20)	CH149	-2.41	30.00	Pass
11ac (VHT20)	CH157	-2.32	30.00	Pass
11ac (VHT20)	CH165	-2.04	30.00	Pass
11ac (VHT40)	CH151	-3.05	30.00	Pass
11ac (VHT40)	CH159	-2.25	30.00	Pass
11ac (VHT80)	CH155	-6.91	30.00	Pass

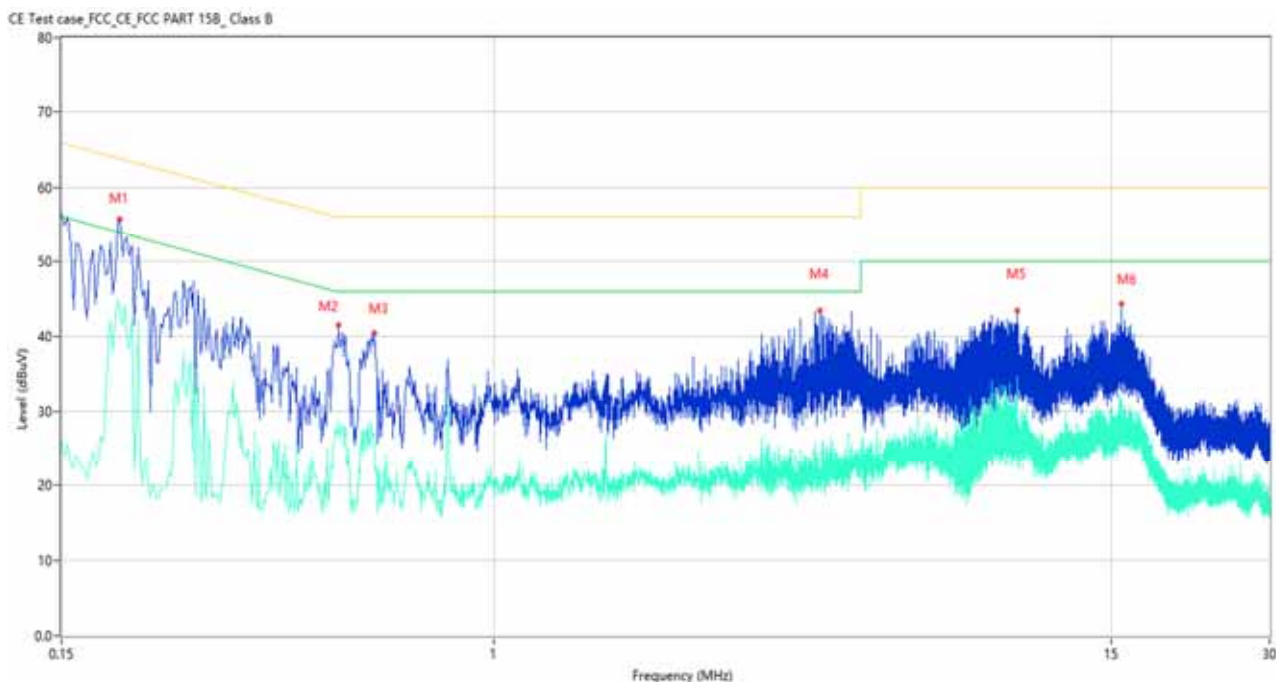
A.5 Conducted Emissions

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

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

Test Data and Plots

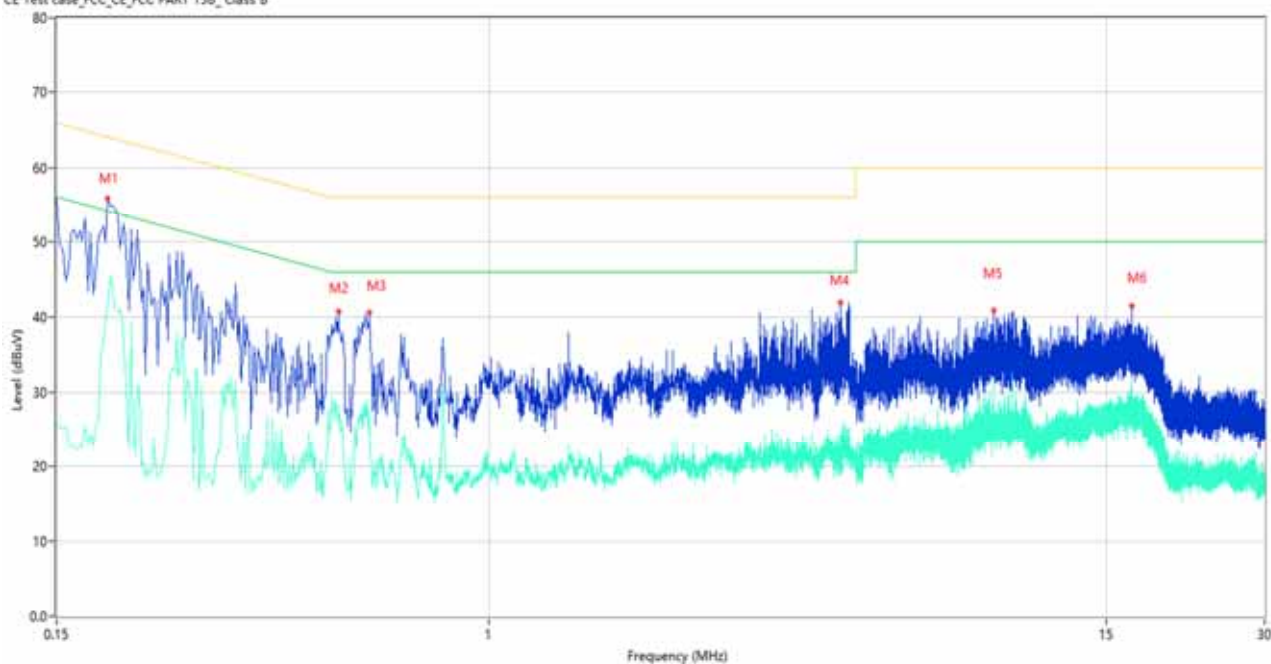
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.194	55.72	10.38	63.86	-8.14	Peak	L	Pass
1**	0.194	43.31	10.38	53.86	-10.55	AV	L	Pass
2	0.506	41.36	10.30	56.00	-14.64	Peak	L	Pass
2**	0.506	28.71	10.30	46.00	-17.29	AV	L	Pass
3	0.590	40.45	10.28	56.00	-15.55	Peak	L	Pass
3**	0.590	26.81	10.28	46.00	-19.19	AV	L	Pass
4	4.174	43.36	10.31	56.00	-12.64	Peak	L	Pass
4**	4.174	24.51	10.31	46.00	-21.49	AV	L	Pass
5	9.900	43.37	10.37	60.00	-16.63	Peak	L	Pass
5**	9.900	34.64	10.37	50.00	-15.36	AV	L	Pass
6	15.672	44.24	10.42	60.00	-15.76	Peak	L	Pass
6**	15.672	31.83	10.42	50.00	-18.17	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	0.188	55.90	10.38	64.12	-8.22	Peak	N	Pass
1**	0.188	41.46	10.38	54.12	-12.66	AV	N	Pass
2	0.516	40.73	10.30	56.00	-15.27	Peak	N	Pass
2**	0.516	27.26	10.30	46.00	-18.74	AV	N	Pass
3	0.592	40.54	10.28	56.00	-15.46	Peak	N	Pass
3**	0.592	27.64	10.28	46.00	-18.36	AV	N	Pass
4	4.674	41.82	10.31	56.00	-14.18	Peak	N	Pass
4**	4.674	24.32	10.31	46.00	-21.68	AV	N	Pass
5	9.164	40.89	10.36	60.00	-19.11	Peak	N	Pass
5**	9.164	31.17	10.36	50.00	-18.83	AV	N	Pass
6	16.760	41.50	10.46	60.00	-18.50	Peak	N	Pass
6**	16.760	31.95	10.46	50.00	-18.05	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.

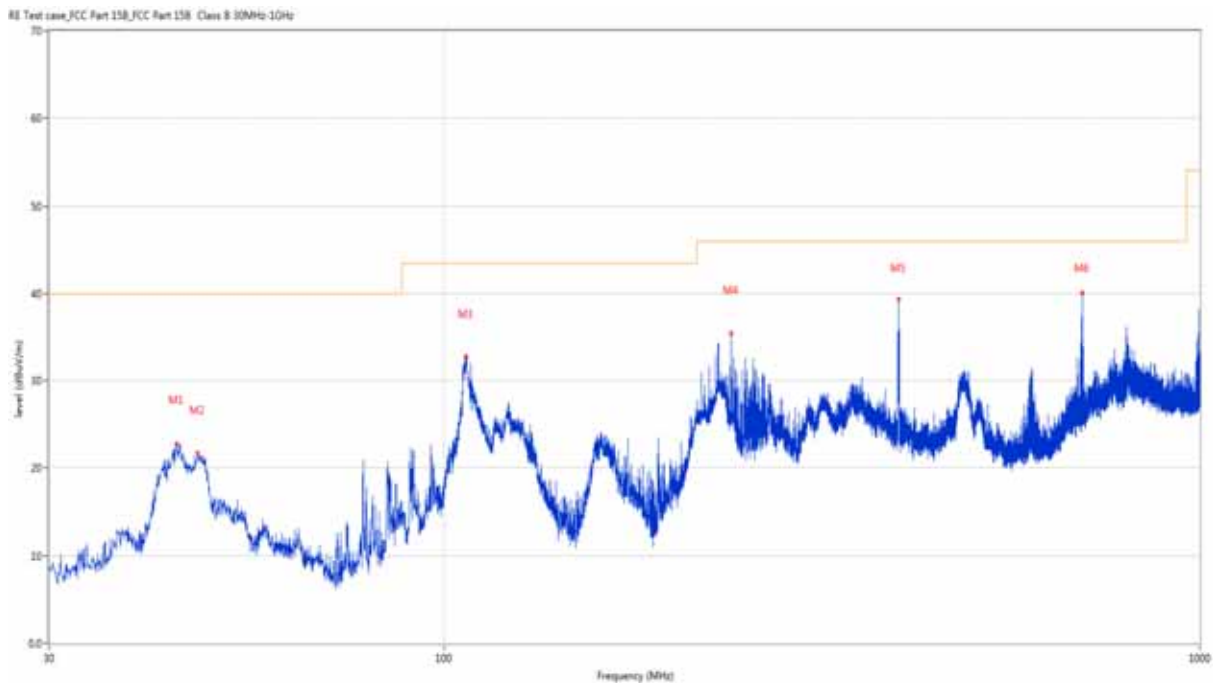
Note²: For the test data above 1 GHz , According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

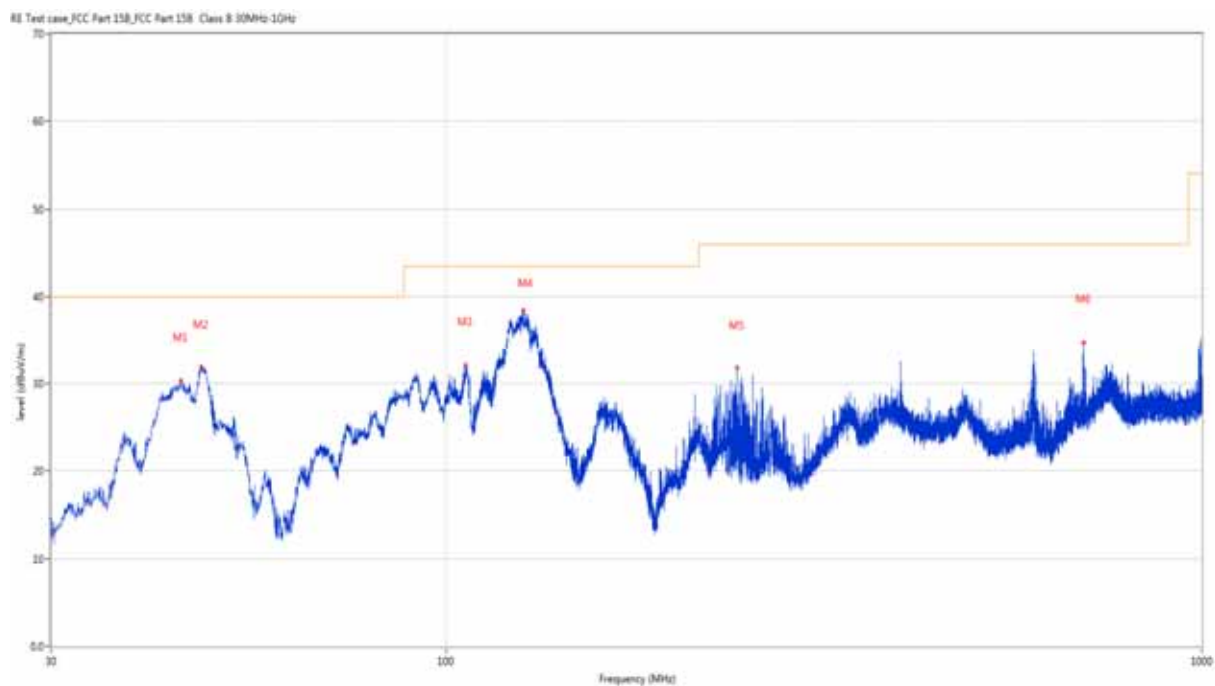
Note⁵: For Multiple transmitter output, the quantity $10 \log (NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log (NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.211	22.77	-23.29	40.0	-17.23	Peak	144.60	200	Horizontal	Pass
2	47.169	21.65	-22.84	40.0	-18.35	Peak	129.00	200	Horizontal	Pass
3	106.969	32.73	-24.18	43.5	-10.77	Peak	165.50	200	Horizontal	Pass
4	239.908	35.42	-23.06	46.0	-10.58	Peak	98.10	100	Horizontal	Pass
5	399.861	39.38	-19.06	46.0	-6.62	Peak	0.00	100	Horizontal	Pass
6	698.766	40.13	-13.65	46.0	-5.87	Peak	181.10	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	44.599	30.36	-23.27	40.0	-9.64	Peak	218.90	100	Vertical	Pass
2	47.460	31.87	-22.77	40.0	-8.13	Peak	182.30	100	Vertical	Pass
3	105.999	32.15	-24.17	43.5	-11.35	Peak	177.00	100	Vertical	Pass
4	126.515	38.38	-26.80	43.5	-5.12	Peak	203.20	100	Vertical	Pass
5	242.672	31.74	-22.66	46.0	-14.26	Peak	11.00	200	Vertical	Pass
6	697.214	34.78	-13.17	46.0	-11.22	Peak	350.00	100	Vertical	Pass

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

Antenna 0

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	1196.300	43.88	-16.20	74.0	-30.12	Peak	126.00	150	Horizontal	Pass
1**	1196.300	29.91	-16.20	54.0	-24.09	AV	126.00	150	Horizontal	Pass
2	1599.900	43.21	-15.35	74.0	-30.79	Peak	154.00	150	Horizontal	Pass
2**	1599.900	32.33	-15.35	54.0	-21.67	AV	154.00	150	Horizontal	Pass
3	4140.000	50.68	-2.79	74.0	-23.32	Peak	337.00	150	Horizontal	Pass
3**	4140.000	40.55	-2.79	54.0	-13.45	AV	337.00	150	Horizontal	Pass
4	5186.250	104.94	0.29	--	-31.06	Peak	136.00	150	Horizontal	N/A
4**	5186.250	97.54	0.29	--	97.54	AV	136.00	150	Horizontal	N/A
5	8250.325	52.49	0.04	74.0	-21.51	Peak	135.00	150	Horizontal	Pass
5**	8250.325	42.88	0.04	54.0	-11.12	AV	135.00	150	Horizontal	Pass
6	17797.876	57.19	4.18	74.0	-16.81	Peak	90.00	150	Horizontal	Pass
6**	17797.876	47.91	4.18	54.0	-6.09	AV	90.00	150	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	1200.500	41.00	-16.09	74.0	-33.00	Peak	149.00	150	Vertical	Pass
1**	1200.500	28.59	-16.09	54.0	-25.41	AV	149.00	150	Vertical	Pass
2	1552.500	40.33	-15.29	74.0	-33.67	Peak	103.00	150	Vertical	Pass
2**	1552.500	30.05	-15.29	54.0	-23.95	AV	103.00	150	Vertical	Pass
3	2249.500	45.26	-10.08	74.0	-28.74	Peak	329.00	150	Vertical	Pass
3**	2249.500	34.45	-10.08	54.0	-19.55	AV	329.00	150	Vertical	Pass
4	4038.250	50.09	-1.58	74.0	-23.91	Peak	30.00	150	Vertical	Pass
4**	4038.250	40.86	-1.58	54.0	-13.14	AV	30.00	150	Vertical	Pass
5	5183.000	98.05	0.40	--	-181.95	Peak	280.00	150	Vertical	N/A
5**	5183.000	90.24	0.40	--	90.24	AV	280.00	150	Vertical	N/A
6	17797.349	57.21	4.15	74.0	-16.79	Peak	304.00	150	Vertical	Pass
6**	17797.349	47.90	4.15	54.0	-6.10	AV	304.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.100	45.99	-16.16	74.0	-28.01	Peak	118.00	150	Horizontal	Pass
1**	1197.100	31.27	-16.16	54.0	-22.73	AV	118.00	150	Horizontal	Pass
2	2815.600	46.96	-6.52	74.0	-27.04	Peak	189.00	150	Horizontal	Pass
2**	2815.600	36.37	-6.52	54.0	-17.63	AV	189.00	150	Horizontal	Pass
3	4164.750	50.18	-2.93	74.0	-23.82	Peak	138.00	150	Horizontal	Pass
3**	4164.750	40.26	-2.93	54.0	-13.74	AV	138.00	150	Horizontal	Pass
4	5225.250	103.93	0.62	--	-26.07	Peak	130.00	150	Horizontal	N/A
4**	5225.250	96.36	0.62	--	96.36	AV	130.00	150	Horizontal	N/A
5	8301.625	51.95	0.11	74.0	-22.05	Peak	227.00	150	Horizontal	Pass
5**	8301.625	42.60	0.11	54.0	-11.40	AV	227.00	150	Horizontal	Pass
6	17798.136	57.38	4.19	74.0	-16.62	Peak	56.00	150	Horizontal	Pass
6**	17798.136	47.21	4.19	54.0	-6.79	AV	56.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.100	41.27	-16.16	74.0	-32.73	Peak	152.00	150	Vertical	Pass
1**	1197.100	27.97	-16.16	54.0	-26.03	AV	152.00	150	Vertical	Pass
2	2211.200	45.40	-9.72	74.0	-28.60	Peak	304.00	150	Vertical	Pass
2**	2211.200	34.42	-9.72	54.0	-19.58	AV	304.00	150	Vertical	Pass
3	3987.500	49.78	-2.72	74.0	-24.22	Peak	221.00	150	Vertical	Pass
3**	3987.500	40.15	-2.72	54.0	-13.85	AV	221.00	150	Vertical	Pass
4	5214.500	96.27	0.62	--	-184.73	Peak	281.00	150	Vertical	N/A
4**	5214.500	88.56	0.62	--	88.56	AV	281.00	150	Vertical	N/A
5	8437.000	52.34	-0.56	74.0	-21.66	Peak	360.00	150	Vertical	Pass
5**	8437.000	43.00	-0.56	54.0	-11.00	AV	360.00	150	Vertical	Pass
6	17799.713	56.84	4.26	74.0	-17.16	Peak	291.00	150	Vertical	Pass
6**	17799.713	47.34	4.26	54.0	-6.66	AV	291.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.400	43.93	-16.32	74.0	-30.07	Peak	120.00	150	Horizontal	Pass
1**	1164.400	27.51	-16.32	54.0	-26.49	AV	120.00	150	Horizontal	Pass
2	1562.900	41.04	-15.45	74.0	-32.96	Peak	162.00	150	Horizontal	Pass
2**	1562.900	30.62	-15.45	54.0	-23.38	AV	162.00	150	Horizontal	Pass
3	3874.250	49.69	-3.02	74.0	-24.31	Peak	213.00	150	Horizontal	Pass
3**	3874.250	39.90	-3.02	54.0	-14.10	AV	213.00	150	Horizontal	Pass
4	5245.500	103.57	0.29	--	-35.43	Peak	139.00	150	Horizontal	N/A
4**	5245.500	96.25	0.29	--	96.25	AV	139.00	150	Horizontal	N/A
5	8104.975	53.49	-0.14	74.0	-20.51	Peak	241.00	150	Horizontal	Pass
5**	8104.975	43.70	-0.14	54.0	-10.30	AV	241.00	150	Horizontal	Pass
6	17799.975	56.66	4.27	74.0	-17.34	Peak	352.00	150	Horizontal	Pass
6**	17799.975	47.50	4.27	54.0	-6.50	AV	352.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.400	41.36	-16.15	74.0	-32.64	Peak	135.00	150	Vertical	Pass
1**	1197.400	30.10	-16.15	54.0	-23.90	AV	135.00	150	Vertical	Pass
2	1550.600	40.23	-15.32	74.0	-33.77	Peak	239.00	150	Vertical	Pass
2**	1550.600	30.61	-15.32	54.0	-23.39	AV	239.00	150	Vertical	Pass
3	4059.250	49.72	-2.64	74.0	-24.28	Peak	107.00	150	Vertical	Pass
3**	4059.250	41.24	-2.64	54.0	-12.76	AV	107.00	150	Vertical	Pass
4	5235.000	96.12	0.42	--	-192.88	Peak	289.00	150	Vertical	N/A
4**	5235.000	89.31	0.42	--	89.31	AV	289.00	150	Vertical	N/A
5	8128.725	52.51	0.32	74.0	-21.49	Peak	-1.00	150	Vertical	Pass
5**	8128.725	43.46	0.32	54.0	-10.54	AV	-1.00	150	Vertical	Pass
6	17794.988	56.92	4.04	74.0	-17.08	Peak	316.00	150	Vertical	Pass
6**	17794.988	47.93	4.04	54.0	-6.07	AV	316.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.600	46.59	-16.33	74.0	-27.41	Peak	106.00	150	Horizontal	Pass
1**	1162.600	27.96	-16.33	54.0	-26.04	AV	106.00	150	Horizontal	Pass
2	2792.500	46.77	-6.91	74.0	-27.23	Peak	244.00	150	Horizontal	Pass
2**	2792.500	35.97	-6.91	54.0	-18.03	AV	244.00	150	Horizontal	Pass
3	4041.750	49.87	-1.73	74.0	-24.13	Peak	157.00	150	Horizontal	Pass
3**	4041.750	40.63	-1.73	54.0	-13.37	AV	157.00	150	Horizontal	Pass
4	5185.250	104.52	0.30	--	-28.48	Peak	133.00	150	Horizontal	N/A
4**	5185.250	96.95	0.30	--	96.95	AV	133.00	150	Horizontal	N/A
5	8143.925	52.94	-0.19	74.0	-21.06	Peak	45.00	150	Horizontal	Pass
5**	8143.925	43.13	-0.19	54.0	-10.87	AV	45.00	150	Horizontal	Pass
6	17802.074	57.01	4.20	74.0	-16.99	Peak	257.00	150	Horizontal	Pass
6**	17802.074	47.18	4.20	54.0	-6.82	AV	257.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.300	39.99	-16.20	74.0	-34.01	Peak	0.00	150	Vertical	Pass
1**	1196.300	28.14	-16.20	54.0	-25.86	AV	0.00	150	Vertical	Pass
2	2232.900	44.61	-10.62	74.0	-29.39	Peak	344.00	150	Vertical	Pass
2**	2232.900	33.85	-10.62	54.0	-20.15	AV	344.00	150	Vertical	Pass
3	4205.750	50.50	-0.78	74.0	-23.50	Peak	348.00	150	Vertical	Pass
3**	4205.750	41.58	-0.78	54.0	-12.42	AV	348.00	150	Vertical	Pass
4	5184.250	96.45	0.34	--	-184.55	Peak	281.00	150	Vertical	N/A
4**	5184.250	89.35	0.34	--	89.35	AV	281.00	150	Vertical	N/A
5	8076.950	53.16	-0.25	74.0	-20.84	Peak	91.00	150	Vertical	Pass
5**	8076.950	43.58	-0.25	54.0	-10.42	AV	91.00	150	Vertical	Pass
6	17803.125	56.72	4.17	74.0	-17.28	Peak	197.00	150	Vertical	Pass
6**	17803.125	47.69	4.17	54.0	-6.31	AV	197.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	42.36	-16.34	74.0	-31.64	Peak	25.00	150	Horizontal	Pass
1**	1166.400	28.14	-16.34	54.0	-25.86	AV	25.00	150	Horizontal	Pass
2	1558.100	40.40	-15.19	74.0	-33.60	Peak	126.00	150	Horizontal	Pass
2**	1558.100	30.19	-15.19	54.0	-23.81	AV	126.00	150	Horizontal	Pass
3	3994.250	49.76	-2.87	74.0	-24.24	Peak	48.00	150	Horizontal	Pass
3**	3994.250	39.85	-2.87	54.0	-14.15	AV	48.00	150	Horizontal	Pass
4	5215.500	103.90	0.59	--	-34.10	Peak	138.00	150	Horizontal	N/A
4**	5215.500	96.21	0.59	--	96.21	AV	138.00	150	Horizontal	N/A
5	8062.938	53.07	-0.04	74.0	-20.93	Peak	111.00	150	Horizontal	Pass
5**	8062.938	44.30	-0.04	54.0	-9.70	AV	111.00	150	Horizontal	Pass
6	17810.475	56.81	3.91	74.0	-17.19	Peak	293.00	150	Horizontal	Pass
6**	17810.475	47.72	3.91	54.0	-6.28	AV	293.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.900	41.30	-16.12	74.0	-32.70	Peak	297.00	150	Vertical	Pass
1**	1197.900	28.11	-16.12	54.0	-25.89	AV	297.00	150	Vertical	Pass
2	1552.100	41.69	-15.28	74.0	-32.31	Peak	112.00	150	Vertical	Pass
2**	1552.100	31.14	-15.28	54.0	-22.86	AV	112.00	150	Vertical	Pass
3	2331.700	49.66	-9.96	74.0	-24.34	Peak	213.00	150	Vertical	Pass
3**	2331.700	34.01	-9.96	54.0	-19.99	AV	213.00	150	Vertical	Pass
4	5216.250	96.12	0.56	--	-193.88	Peak	290.00	150	Vertical	N/A
4**	5216.250	88.80	0.56	--	88.80	AV	290.00	150	Vertical	N/A
5	8134.900	52.69	0.15	74.0	-21.31	Peak	341.00	150	Vertical	Pass
5**	8134.900	43.61	0.15	54.0	-10.39	AV	341.00	150	Vertical	Pass
6	17797.876	56.54	4.18	74.0	-17.46	Peak	233.00	150	Vertical	Pass
6**	17797.876	47.16	4.18	54.0	-6.84	AV	233.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.600	44.06	-16.32	74.0	-29.94	Peak	107.00	150	Horizontal	Pass
1**	1163.600	27.58	-16.32	54.0	-26.42	AV	107.00	150	Horizontal	Pass
2	1558.400	40.76	-15.23	74.0	-33.24	Peak	165.00	150	Horizontal	Pass
2**	1558.400	29.66	-15.23	54.0	-24.34	AV	165.00	150	Horizontal	Pass
3	3862.250	49.59	-3.63	74.0	-24.41	Peak	98.00	150	Horizontal	Pass
3**	3862.250	40.23	-3.63	54.0	-13.77	AV	98.00	150	Horizontal	Pass
4	5234.500	103.88	0.39	--	-26.12	Peak	130.00	150	Horizontal	N/A
4**	5234.500	96.48	0.39	--	96.48	AV	130.00	150	Horizontal	N/A
5	8249.850	52.94	0.03	74.0	-21.06	Peak	54.00	150	Horizontal	Pass
5**	8249.850	43.38	0.03	54.0	-10.62	AV	54.00	150	Horizontal	Pass
6	17793.413	57.27	3.97	74.0	-16.73	Peak	0.00	150	Horizontal	Pass
6**	17793.413	47.09	3.97	54.0	-6.91	AV	0.00	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	1197.300	41.24	-16.15	74.0	-32.76	Peak	68.00	150	Vertical	Pass
1**	1197.300	27.88	-16.15	54.0	-26.12	AV	68.00	150	Vertical	Pass
2	1565.500	40.71	-15.44	74.0	-33.29	Peak	291.00	150	Vertical	Pass
2**	1565.500	29.69	-15.44	54.0	-24.31	AV	291.00	150	Vertical	Pass
3	2801.000	46.88	-6.90	74.0	-27.12	Peak	0.00	150	Vertical	Pass
3**	2801.000	36.22	-6.90	54.0	-17.78	AV	0.00	150	Vertical	Pass
4	5234.750	96.11	0.41	--	-184.89	Peak	281.00	150	Vertical	N/A
4**	5234.750	88.37	0.41	--	88.37	AV	281.00	150	Vertical	N/A
5	8261.487	52.16	-0.02	74.0	-21.84	Peak	353.00	150	Vertical	Pass
5**	8261.487	42.78	-0.02	54.0	-11.22	AV	353.00	150	Vertical	Pass
6	17794.464	57.47	4.02	74.0	-16.53	Peak	55.00	150	Vertical	Pass
6**	17794.464	47.66	4.02	54.0	-6.34	AV	55.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.200	41.60	-16.09	74.0	-32.40	Peak	265.00	150	Horizontal	Pass
1**	1199.200	29.12	-16.09	54.0	-24.88	AV	265.00	150	Horizontal	Pass
2	1559.600	40.12	-15.35	74.0	-33.88	Peak	164.00	150	Horizontal	Pass
2**	1559.600	31.36	-15.35	54.0	-22.64	AV	164.00	150	Horizontal	Pass
3	4292.500	50.10	-2.05	74.0	-23.90	Peak	305.00	150	Horizontal	Pass
3**	4292.500	41.07	-2.05	54.0	-12.93	AV	305.00	150	Horizontal	Pass
4	5192.250	100.84	0.20	--	-29.16	Peak	130.00	150	Horizontal	N/A
4**	5192.250	93.07	0.20	--	93.07	AV	130.00	150	Horizontal	N/A
5	8102.362	52.24	-0.11	74.0	-21.76	Peak	55.00	150	Horizontal	Pass
5**	8102.362	42.98	-0.11	54.0	-11.02	AV	55.00	150	Horizontal	Pass
6	11974.799	56.96	3.88	74.0	-17.04	Peak	183.00	150	Horizontal	Pass
6**	11974.799	47.68	3.88	54.0	-6.32	AV	183.00	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	1195.900	40.92	-16.21	74.0	-33.08	Peak	111.00	150	Vertical	Pass
1**	1195.900	29.07	-16.21	54.0	-24.93	AV	111.00	150	Vertical	Pass
2	1529.800	40.99	-15.39	74.0	-33.01	Peak	125.00	150	Vertical	Pass
2**	1529.800	30.06	-15.39	54.0	-23.94	AV	125.00	150	Vertical	Pass
3	4051.750	49.80	-2.47	74.0	-24.20	Peak	162.00	150	Vertical	Pass
3**	4051.750	40.33	-2.47	54.0	-13.67	AV	162.00	150	Vertical	Pass
4	5187.750	93.84	0.27	--	-186.16	Peak	280.00	150	Vertical	N/A
4**	5187.750	86.13	0.27	--	86.13	AV	280.00	150	Vertical	N/A
5	8110.913	52.67	-0.13	74.0	-21.33	Peak	31.00	150	Vertical	Pass
5**	8110.913	43.15	-0.13	54.0	-10.85	AV	31.00	150	Vertical	Pass
6	17797.087	58.39	4.14	74.0	-15.61	Peak	20.00	150	Vertical	Pass
6**	17797.087	47.76	4.14	54.0	-6.24	AV	20.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.800	42.99	-16.09	74.0	-31.01	Peak	116.00	150	Horizontal	Pass
1**	1198.800	27.95	-16.09	54.0	-26.05	AV	116.00	150	Horizontal	Pass
2	1541.600	40.27	-15.21	74.0	-33.73	Peak	139.00	150	Horizontal	Pass
2**	1541.600	29.57	-15.21	54.0	-24.43	AV	139.00	150	Horizontal	Pass
3	4080.500	49.64	-2.45	74.0	-24.36	Peak	104.00	150	Horizontal	Pass
3**	4080.500	40.21	-2.45	54.0	-13.79	AV	104.00	150	Horizontal	Pass
4	5232.500	100.52	0.50	--	-36.48	Peak	137.00	150	Horizontal	N/A
4**	5232.500	92.86	0.50	--	92.86	AV	137.00	150	Horizontal	N/A
5	8078.850	53.19	-0.37	74.0	-20.81	Peak	67.00	150	Horizontal	Pass
5**	8078.850	43.65	-0.37	54.0	-10.35	AV	67.00	150	Horizontal	Pass
6	12019.687	57.73	3.29	74.0	-16.27	Peak	32.00	150	Horizontal	Pass
6**	12019.687	47.20	3.29	54.0	-6.80	AV	32.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.500	40.92	-16.19	74.0	-33.08	Peak	139.00	150	Vertical	Pass
1**	1196.500	27.90	-16.19	54.0	-26.10	AV	139.00	150	Vertical	Pass
2	2795.100	47.73	-6.75	74.0	-26.27	Peak	213.00	150	Vertical	Pass
2**	2795.100	36.55	-6.75	54.0	-17.45	AV	213.00	150	Vertical	Pass
3	3910.000	50.05	-2.57	74.0	-23.95	Peak	181.00	150	Vertical	Pass
3**	3910.000	39.53	-2.57	54.0	-14.47	AV	181.00	150	Vertical	Pass
4	5215.000	93.31	0.61	--	-195.69	Peak	289.00	150	Vertical	N/A
4**	5215.000	85.81	0.61	--	85.81	AV	289.00	150	Vertical	N/A
5	8256.975	52.41	0.13	74.0	-21.59	Peak	204.00	150	Vertical	Pass
5**	8256.975	42.84	0.13	54.0	-11.16	AV	204.00	150	Vertical	Pass
6	11289.850	56.46	3.51	74.0	-17.54	Peak	319.00	150	Vertical	Pass
6**	11289.850	47.08	3.51	54.0	-6.92	AV	319.00	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	1163.800	44.01	-16.32	74.0	-29.99	Peak	28.00	150	Horizontal	Pass
1**	1163.800	29.37	-16.32	54.0	-24.63	AV	28.00	150	Horizontal	Pass
2	2232.200	45.57	-10.64	74.0	-28.43	Peak	294.00	150	Horizontal	Pass
2**	2232.200	33.18	-10.64	54.0	-20.82	AV	294.00	150	Horizontal	Pass
3	4080.750	49.50	-2.44	74.0	-24.50	Peak	347.00	150	Horizontal	Pass
3**	4080.750	40.74	-2.44	54.0	-13.26	AV	347.00	150	Horizontal	Pass
4	5186.000	104.28	0.29	--	-26.72	Peak	131.00	150	Horizontal	N/A
4**	5186.000	96.78	0.29	--	96.78	AV	131.00	150	Horizontal	N/A
5	8120.650	52.48	0.16	74.0	-21.52	Peak	41.00	150	Horizontal	Pass
5**	8120.650	42.88	0.16	54.0	-11.12	AV	41.00	150	Horizontal	Pass
6	11909.963	57.10	3.61	74.0	-16.90	Peak	99.00	150	Horizontal	Pass
6**	11909.963	47.35	3.61	54.0	-6.65	AV	99.00	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	1165.100	42.62	-16.32	74.0	-31.38	Peak	33.00	150	Vertical	Pass
1**	1165.100	29.59	-16.32	54.0	-24.41	AV	33.00	150	Vertical	Pass
2	2857.300	47.22	-6.91	74.0	-26.78	Peak	306.00	150	Vertical	Pass
2**	2857.300	36.29	-6.91	54.0	-17.71	AV	306.00	150	Vertical	Pass
3	4202.750	50.53	-1.15	74.0	-23.47	Peak	314.00	150	Vertical	Pass
3**	4202.750	42.22	-1.15	54.0	-11.78	AV	314.00	150	Vertical	Pass
4	5174.750	96.42	0.70	--	-175.58	Peak	272.00	150	Vertical	N/A
4**	5174.750	88.64	0.70	--	88.64	AV	272.00	150	Vertical	N/A
5	8322.525	51.53	0.04	74.0	-22.47	Peak	88.00	150	Vertical	Pass
5**	8322.525	42.63	0.04	54.0	-11.37	AV	88.00	150	Vertical	Pass
6	11453.963	56.33	2.76	74.0	-17.67	Peak	214.00	150	Vertical	Pass
6**	11453.963	47.19	2.76	54.0	-6.81	AV	214.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.300	43.57	-16.09	74.0	-30.43	Peak	115.00	150	Horizontal	Pass
1**	1199.300	30.06	-16.09	54.0	-23.94	AV	115.00	150	Horizontal	Pass
2	1569.700	41.03	-15.53	74.0	-32.97	Peak	302.00	150	Horizontal	Pass
2**	1569.700	29.76	-15.53	54.0	-24.24	AV	302.00	150	Horizontal	Pass
3	4042.000	50.97	-1.74	74.0	-23.03	Peak	40.00	150	Horizontal	Pass
3**	4042.000	41.11	-1.74	54.0	-12.89	AV	40.00	150	Horizontal	Pass
4	5214.250	103.84	0.63	--	-36.16	Peak	140.00	150	Horizontal	N/A
4**	5214.250	96.71	0.63	--	96.71	AV	140.00	150	Horizontal	N/A
5	8126.112	52.94	0.27	74.0	-21.06	Peak	214.00	150	Horizontal	Pass
5**	8126.112	44.78	0.27	54.0	-9.22	AV	214.00	150	Horizontal	Pass
6	11962.450	57.22	3.89	74.0	-16.78	Peak	168.00	150	Horizontal	Pass
6**	11962.450	47.89	3.89	54.0	-6.11	AV	168.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.200	41.40	-16.09	74.0	-32.60	Peak	51.00	150	Vertical	Pass
1**	1199.200	28.87	-16.09	54.0	-25.13	AV	51.00	150	Vertical	Pass
2	2265.300	44.86	-9.35	74.0	-29.14	Peak	37.00	150	Vertical	Pass
2**	2265.300	34.53	-9.35	54.0	-19.47	AV	37.00	150	Vertical	Pass
3	4202.750	50.55	-1.15	74.0	-23.45	Peak	121.00	150	Vertical	Pass
3**	4202.750	41.70	-1.15	54.0	-12.30	AV	121.00	150	Vertical	Pass
4	5214.250	96.30	0.63	--	-191.70	Peak	288.00	150	Vertical	N/A
4**	5214.250	89.18	0.63	--	89.18	AV	288.00	150	Vertical	N/A
5	8126.587	52.67	0.28	74.0	-21.33	Peak	42.00	150	Vertical	Pass
5**	8126.587	43.84	0.28	54.0	-10.16	AV	42.00	150	Vertical	Pass
6	11297.212	56.28	3.60	74.0	-17.72	Peak	260.00	150	Vertical	Pass
6**	11297.212	47.73	3.60	54.0	-6.27	AV	260.00	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	1198.700	42.61	-16.09	74.0	-31.39	Peak	227.00	150	Horizontal	Pass
1**	1198.700	28.39	-16.09	54.0	-25.61	AV	227.00	150	Horizontal	Pass
2	1552.300	40.90	-15.29	74.0	-33.10	Peak	163.00	150	Horizontal	Pass
2**	1552.300	30.07	-15.29	54.0	-23.93	AV	163.00	150	Horizontal	Pass
3	3903.750	49.50	-2.94	74.0	-24.50	Peak	257.00	150	Horizontal	Pass
3**	3903.750	39.70	-2.94	54.0	-14.30	AV	257.00	150	Horizontal	Pass
4	5234.750	103.80	0.41	--	-37.20	Peak	141.00	150	Horizontal	N/A
4**	5234.750	96.16	0.41	--	96.16	AV	141.00	150	Horizontal	N/A
5	8390.213	52.99	-0.32	74.0	-21.01	Peak	273.00	150	Horizontal	Pass
5**	8390.213	42.84	-0.32	54.0	-11.16	AV	273.00	150	Horizontal	Pass
6	11880.037	56.53	3.39	74.0	-17.47	Peak	42.00	150	Horizontal	Pass
6**	11880.037	46.93	3.39	54.0	-7.07	AV	42.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.800	41.68	-16.09	74.0	-32.32	Peak	125.00	150	Vertical	Pass
1**	1199.800	29.61	-16.09	54.0	-24.39	AV	125.00	150	Vertical	Pass
2	2330.400	47.26	-10.06	74.0	-26.74	Peak	217.00	150	Vertical	Pass
2**	2330.400	34.34	-10.06	54.0	-19.66	AV	217.00	150	Vertical	Pass
3	2798.600	49.98	-6.81	74.0	-24.02	Peak	10.00	150	Vertical	Pass
3**	2798.600	36.36	-6.81	54.0	-17.64	AV	10.00	150	Vertical	Pass
4	4247.250	50.51	-1.99	74.0	-23.49	Peak	0.00	150	Vertical	Pass
4**	4247.250	40.80	-1.99	54.0	-13.20	AV	0.00	150	Vertical	Pass
5	5236.250	96.43	0.48	--	-192.57	Peak	289.00	150	Vertical	N/A
5**	5236.250	88.86	0.48	--	88.86	AV	289.00	150	Vertical	N/A
6	11904.975	56.40	3.57	74.0	-17.60	Peak	88.00	150	Vertical	Pass
6**	11904.975	47.04	3.57	54.0	-6.96	AV	88.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.500	42.46	-16.09	74.0	-31.54	Peak	24.00	150	Horizontal	Pass
1**	1199.500	33.41	-16.09	54.0	-20.59	AV	24.00	150	Horizontal	Pass
2	1552.900	41.15	-15.30	74.0	-32.85	Peak	166.00	150	Horizontal	Pass
2**	1552.900	31.35	-15.30	54.0	-22.65	AV	166.00	150	Horizontal	Pass
3	3882.000	49.37	-2.41	74.0	-24.63	Peak	240.00	150	Horizontal	Pass
3**	3882.000	40.01	-2.41	54.0	-13.99	AV	240.00	150	Horizontal	Pass
4	5178.500	101.13	0.62	--	-40.87	Peak	142.00	150	Horizontal	N/A
4**	5178.500	93.14	0.62	--	93.14	AV	142.00	150	Horizontal	N/A
5	8326.325	52.31	-0.16	74.0	-21.69	Peak	237.00	150	Horizontal	Pass
5**	8326.325	42.79	-0.16	54.0	-11.21	AV	237.00	150	Horizontal	Pass
6	17808.114	57.76	3.99	74.0	-16.24	Peak	257.00	150	Horizontal	Pass
6**	17808.114	47.46	3.99	54.0	-6.54	AV	257.00	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	1163.700	41.79	-16.32	74.0	-32.21	Peak	354.00	150	Vertical	Pass
1**	1163.700	28.19	-16.32	54.0	-25.81	AV	354.00	150	Vertical	Pass
2	2809.600	46.58	-6.80	74.0	-27.42	Peak	321.00	150	Vertical	Pass
2**	2809.600	36.63	-6.80	54.0	-17.37	AV	321.00	150	Vertical	Pass
3	3909.000	49.66	-2.66	74.0	-24.34	Peak	239.00	150	Vertical	Pass
3**	3909.000	39.34	-2.66	54.0	-14.66	AV	239.00	150	Vertical	Pass
4	5186.750	93.67	0.29	--	-195.33	Peak	289.00	150	Vertical	N/A
4**	5186.750	86.39	0.29	--	86.39	AV	289.00	150	Vertical	N/A
5	8118.275	52.99	0.09	74.0	-21.01	Peak	360.00	150	Vertical	Pass
5**	8118.275	44.13	0.09	54.0	-9.87	AV	360.00	150	Vertical	Pass
6	11280.113	57.20	3.39	74.0	-16.80	Peak	42.00	150	Vertical	Pass
6**	11280.113	46.78	3.39	54.0	-7.22	AV	42.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.200	44.85	-16.32	74.0	-29.15	Peak	360.00	150	Horizontal	Pass
1**	1165.200	28.46	-16.32	54.0	-25.54	AV	360.00	150	Horizontal	Pass
2	2732.600	47.65	-7.76	74.0	-26.35	Peak	88.00	150	Horizontal	Pass
2**	2732.600	36.30	-7.76	54.0	-17.70	AV	88.00	150	Horizontal	Pass
3	4209.000	50.59	-0.57	74.0	-23.41	Peak	264.00	150	Horizontal	Pass
3**	4209.000	42.21	-0.57	54.0	-11.79	AV	264.00	150	Horizontal	Pass
4	5216.750	100.96	0.53	--	-39.04	Peak	140.00	150	Horizontal	N/A
4**	5216.750	92.95	0.53	--	92.95	AV	140.00	150	Horizontal	N/A
5	8081.225	52.84	-0.16	74.0	-21.16	Peak	260.00	150	Horizontal	Pass
5**	8081.225	44.83	-0.16	54.0	-9.17	AV	260.00	150	Horizontal	Pass
6	11963.162	56.67	3.89	74.0	-17.33	Peak	340.00	150	Horizontal	Pass
6**	11963.162	47.55	3.89	54.0	-6.45	AV	340.00	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	1163.200	41.07	-16.33	74.0	-32.93	Peak	284.00	150	Vertical	Pass
1**	1163.200	27.74	-16.33	54.0	-26.26	AV	284.00	150	Vertical	Pass
2	1562.800	40.70	-15.45	74.0	-33.30	Peak	111.00	150	Vertical	Pass
2**	1562.800	30.77	-15.45	54.0	-23.23	AV	111.00	150	Vertical	Pass
3	2796.200	47.48	-6.82	74.0	-26.52	Peak	0.00	150	Vertical	Pass
3**	2796.200	36.86	-6.82	54.0	-17.14	AV	0.00	150	Vertical	Pass
4	5217.000	93.43	0.53	--	-195.57	Peak	289.00	150	Vertical	N/A
4**	5217.000	85.43	0.53	--	85.43	AV	289.00	150	Vertical	N/A
5	8100.700	52.90	-0.19	74.0	-21.10	Peak	21.00	150	Vertical	Pass
5**	8100.700	43.61	-0.19	54.0	-10.39	AV	21.00	150	Vertical	Pass
6	11916.375	57.78	3.65	74.0	-16.22	Peak	273.00	150	Vertical	Pass
6**	11916.375	47.94	3.65	54.0	-6.06	AV	273.00	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	1162.700	46.48	-16.33	74.0	-27.52	Peak	105.00	150	Horizontal	Pass
1**	1162.700	27.80	-16.33	54.0	-26.20	AV	105.00	150	Horizontal	Pass
2	2266.400	44.51	-9.38	74.0	-29.49	Peak	209.00	150	Horizontal	Pass
2**	2266.400	34.32	-9.38	54.0	-19.68	AV	209.00	150	Horizontal	Pass
3	3982.500	50.01	-2.85	74.0	-23.99	Peak	207.00	150	Horizontal	Pass
3**	3982.500	40.09	-2.85	54.0	-13.91	AV	207.00	150	Horizontal	Pass
4	5184.250	99.09	0.34	--	-40.91	Peak	140.00	150	Horizontal	N/A
4**	5184.250	91.64	0.34	--	91.64	AV	140.00	150	Horizontal	N/A
5	8061.513	52.65	0.03	74.0	-21.35	Peak	170.00	150	Horizontal	Pass
5**	8061.513	43.66	0.03	54.0	-10.34	AV	170.00	150	Horizontal	Pass
6	11908.537	56.85	3.60	74.0	-17.15	Peak	54.00	150	Horizontal	Pass
6**	11908.537	47.22	3.60	54.0	-6.78	AV	54.00	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	1164.600	41.79	-16.31	74.0	-32.21	Peak	260.00	150	Vertical	Pass
1**	1164.600	28.37	-16.31	54.0	-25.63	AV	260.00	150	Vertical	Pass
2	2271.000	45.01	-9.41	74.0	-28.99	Peak	344.00	150	Vertical	Pass
2**	2271.000	34.58	-9.41	54.0	-19.42	AV	344.00	150	Vertical	Pass
3	4206.000	50.36	-0.76	74.0	-23.64	Peak	63.00	150	Vertical	Pass
3**	4206.000	41.80	-0.76	54.0	-12.20	AV	63.00	150	Vertical	Pass
4	5191.250	92.02	0.21	--	-195.98	Peak	288.00	150	Vertical	N/A
4**	5191.250	85.08	0.21	--	85.08	AV	288.00	150	Vertical	N/A
5	8116.850	53.25	0.04	74.0	-20.75	Peak	261.00	150	Vertical	Pass
5**	8116.850	43.25	0.04	54.0	-10.75	AV	261.00	150	Vertical	Pass
6	11300.300	57.22	3.63	74.0	-16.78	Peak	42.00	150	Vertical	Pass
6**	11300.300	47.50	3.63	54.0	-6.50	AV	42.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	41.60	-16.23	74.0	-32.40	Peak	220.00	150	Horizontal	Pass
1**	1195.500	28.71	-16.23	54.0	-25.29	AV	220.00	150	Horizontal	Pass
2	1557.800	40.81	-15.16	74.0	-33.19	Peak	152.00	150	Horizontal	Pass
2**	1557.800	30.50	-15.16	54.0	-23.50	AV	152.00	150	Horizontal	Pass
3	2806.700	46.46	-6.90	74.0	-27.54	Peak	160.00	150	Horizontal	Pass
3**	2806.700	36.36	-6.90	54.0	-17.64	AV	160.00	150	Horizontal	Pass
4	5750.750	103.61	1.63	--	-94.39	Peak	198.00	150	Horizontal	N/A
4**	5750.750	95.83	1.63	--	95.83	AV	198.00	150	Horizontal	N/A
5	8139.650	53.18	-0.19	74.0	-20.82	Peak	283.00	150	Horizontal	Pass
5**	8139.650	44.75	-0.19	54.0	-9.25	AV	283.00	150	Horizontal	Pass
6	11273.700	56.34	3.31	74.0	-17.66	Peak	317.00	150	Horizontal	Pass
6**	11273.700	47.24	3.31	54.0	-6.76	AV	317.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1219.100	41.11	-16.11	74.0	-32.89	Peak	253.00	150	Vertical	Pass
1**	1219.100	29.03	-16.11	54.0	-24.97	AV	253.00	150	Vertical	Pass
2	1553.000	40.82	-15.30	74.0	-33.18	Peak	110.00	150	Vertical	Pass
2**	1553.000	30.62	-15.30	54.0	-23.38	AV	110.00	150	Vertical	Pass
3	4172.500	51.62	-2.69	74.0	-22.38	Peak	165.00	150	Vertical	Pass
3**	4172.500	40.90	-2.69	54.0	-13.10	AV	165.00	150	Vertical	Pass
4	5738.500	97.85	1.33	--	-183.15	Peak	281.00	150	Vertical	N/A
4**	5738.500	90.68	1.33	--	90.68	AV	281.00	150	Vertical	N/A
5	8299.250	52.43	0.04	74.0	-21.57	Peak	122.00	150	Vertical	Pass
5**	8299.250	45.04	0.04	54.0	-8.96	AV	122.00	150	Vertical	Pass
6	11260.401	56.44	3.14	74.0	-17.56	Peak	31.00	150	Vertical	Pass
6**	11260.401	47.11	3.14	54.0	-6.89	AV	31.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	42.04	-16.32	74.0	-31.96	Peak	79.00	150	Horizontal	Pass
1**	1164.100	29.39	-16.32	54.0	-24.61	AV	79.00	150	Horizontal	Pass
2	1541.300	39.75	-15.21	74.0	-34.25	Peak	332.00	150	Horizontal	Pass
2**	1541.300	30.37	-15.21	54.0	-23.63	AV	332.00	150	Horizontal	Pass
3	2794.400	48.26	-6.72	74.0	-25.74	Peak	157.00	150	Horizontal	Pass
3**	2794.400	36.38	-6.72	54.0	-17.62	AV	157.00	150	Horizontal	Pass
4	5790.750	103.12	1.74	--	-94.88	Peak	198.00	150	Horizontal	N/A
4**	5790.750	95.93	1.74	--	95.93	AV	198.00	150	Horizontal	N/A
5	8161.500	51.65	-0.48	74.0	-22.35	Peak	0.00	150	Horizontal	Pass
5**	8161.500	42.83	-0.48	54.0	-11.17	AV	0.00	150	Horizontal	Pass
6	11867.213	57.20	3.30	74.0	-16.80	Peak	317.00	150	Horizontal	Pass
6**	11867.213	47.19	3.30	54.0	-6.81	AV	317.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.100	41.17	-16.20	74.0	-32.83	Peak	144.00	150	Vertical	Pass
1**	1196.100	28.57	-16.20	54.0	-25.43	AV	144.00	150	Vertical	Pass
2	2343.600	44.82	-8.73	74.0	-29.18	Peak	286.00	150	Vertical	Pass
2**	2343.600	35.00	-8.73	54.0	-19.00	AV	286.00	150	Vertical	Pass
3	4161.750	50.22	-2.89	74.0	-23.78	Peak	212.00	150	Vertical	Pass
3**	4161.750	40.54	-2.89	54.0	-13.46	AV	212.00	150	Vertical	Pass
4	5781.000	98.17	1.40	--	-180.83	Peak	279.00	150	Vertical	N/A
4**	5781.000	89.58	1.40	--	89.58	AV	279.00	150	Vertical	N/A
5	8130.150	52.72	0.32	74.0	-21.28	Peak	42.00	150	Vertical	Pass
5**	8130.150	44.72	0.32	54.0	-9.28	AV	42.00	150	Vertical	Pass
6	11310.513	57.44	3.33	74.0	-16.56	Peak	360.00	150	Vertical	Pass
6**	11310.513	47.80	3.33	54.0	-6.20	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.600	41.64	-16.32	74.0	-32.36	Peak	79.00	150	Horizontal	Pass
1**	1163.600	28.90	-16.32	54.0	-25.10	AV	79.00	150	Horizontal	Pass
2	1552.900	40.23	-15.30	74.0	-33.77	Peak	157.00	150	Horizontal	Pass
2**	1552.900	29.56	-15.30	54.0	-24.44	AV	157.00	150	Horizontal	Pass
3	2831.000	47.24	-6.39	74.0	-26.76	Peak	115.00	150	Horizontal	Pass
3**	2831.000	36.61	-6.39	54.0	-17.39	AV	115.00	150	Horizontal	Pass
4	5820.250	103.18	2.04	--	-93.82	Peak	197.00	150	Horizontal	N/A
4**	5820.250	95.98	2.04	--	95.98	AV	197.00	150	Horizontal	N/A
5	8131.100	52.96	0.25	74.0	-21.04	Peak	248.00	150	Horizontal	Pass
5**	8131.100	44.00	0.25	54.0	-10.00	AV	248.00	150	Horizontal	Pass
6	11988.813	57.00	3.88	74.0	-17.00	Peak	75.00	150	Horizontal	Pass
6**	11988.813	47.77	3.88	54.0	-6.23	AV	75.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.200	41.12	-16.33	74.0	-32.88	Peak	252.00	150	Vertical	Pass
1**	1163.200	27.76	-16.33	54.0	-26.24	AV	252.00	150	Vertical	Pass
2	2736.600	46.81	-7.66	74.0	-27.19	Peak	71.00	150	Vertical	Pass
2**	2736.600	36.11	-7.66	54.0	-17.89	AV	71.00	150	Vertical	Pass
3	3837.500	49.76	-2.34	74.0	-24.24	Peak	323.00	150	Vertical	Pass
3**	3837.500	39.77	-2.34	54.0	-14.23	AV	323.00	150	Vertical	Pass
4	5831.000	98.43	2.45	--	-183.57	Peak	282.00	150	Vertical	N/A
4**	5831.000	90.36	2.45	--	90.36	AV	282.00	150	Vertical	N/A
5	8394.250	52.99	-0.29	74.0	-21.01	Peak	111.00	150	Vertical	Pass
5**	8394.250	43.51	-0.29	54.0	-10.49	AV	111.00	150	Vertical	Pass
6	11979.076	57.64	3.88	74.0	-16.36	Peak	203.00	150	Vertical	Pass
6**	11979.076	47.97	3.88	54.0	-6.03	AV	203.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.000	43.11	-16.34	74.0	-30.89	Peak	0.00	150	Horizontal	Pass
1**	1167.000	28.24	-16.34	54.0	-25.76	AV	0.00	150	Horizontal	Pass
2	1542.100	41.15	-15.21	74.0	-32.85	Peak	142.00	150	Horizontal	Pass
2**	1542.100	29.96	-15.21	54.0	-24.04	AV	142.00	150	Horizontal	Pass
3	2845.000	46.60	-6.97	74.0	-27.40	Peak	248.00	150	Horizontal	Pass
3**	2845.000	36.03	-6.97	54.0	-17.97	AV	248.00	150	Horizontal	Pass
4	3993.500	50.55	-2.88	74.0	-23.45	Peak	290.00	150	Horizontal	Pass
4**	3993.500	40.94	-2.88	54.0	-13.06	AV	290.00	150	Horizontal	Pass
5	5752.500	103.88	1.54	--	-94.12	Peak	198.00	150	Horizontal	N/A
5**	5752.500	95.72	1.54	--	95.72	AV	198.00	150	Horizontal	N/A
6	11981.450	56.69	3.88	74.0	-17.31	Peak	167.00	150	Horizontal	Pass
6**	11981.450	47.86	3.88	54.0	-6.14	AV	167.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.900	42.52	-16.09	74.0	-31.48	Peak	134.00	150	Vertical	Pass
1**	1199.900	29.43	-16.09	54.0	-24.57	AV	134.00	150	Vertical	Pass
2	2252.900	44.67	-9.90	74.0	-29.33	Peak	244.00	150	Vertical	Pass
2**	2252.900	34.82	-9.90	54.0	-19.18	AV	244.00	150	Vertical	Pass
3	3732.250	48.36	-3.58	74.0	-25.64	Peak	203.00	150	Vertical	Pass
3**	3732.250	39.32	-3.58	54.0	-14.68	AV	203.00	150	Vertical	Pass
4	4666.000	53.01	-0.70	74.0	-20.99	Peak	356.00	150	Vertical	Pass
4**	4666.000	43.11	-0.70	54.0	-10.89	AV	356.00	150	Vertical	Pass
5	5749.000	98.63	1.58	--	-179.37	Peak	278.00	150	Vertical	N/A
5**	5749.000	90.86	1.58	--	90.86	AV	278.00	150	Vertical	N/A
6	11282.725	57.10	3.42	74.0	-16.90	Peak	329.00	150	Vertical	Pass
6**	11282.725	47.22	3.42	54.0	-6.78	AV	329.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.900	41.51	-16.35	74.0	-32.49	Peak	129.00	150	Horizontal	Pass
1**	1161.900	29.32	-16.35	54.0	-24.68	AV	129.00	150	Horizontal	Pass
2	2819.300	46.27	-6.50	74.0	-27.73	Peak	262.00	150	Horizontal	Pass
2**	2819.300	36.67	-6.50	54.0	-17.33	AV	262.00	150	Horizontal	Pass
3	3988.750	50.77	-2.62	74.0	-23.23	Peak	198.00	150	Horizontal	Pass
3**	3988.750	40.60	-2.62	54.0	-13.40	AV	198.00	150	Horizontal	Pass
4	5791.000	102.78	1.76	--	-95.22	Peak	198.00	150	Horizontal	N/A
4**	5791.000	95.41	1.76	--	95.41	AV	198.00	150	Horizontal	N/A
5	8351.263	51.39	-0.21	74.0	-22.61	Peak	43.00	150	Horizontal	Pass
5**	8351.263	42.88	-0.21	54.0	-11.12	AV	43.00	150	Horizontal	Pass
6	11271.562	56.89	3.28	74.0	-17.11	Peak	341.00	150	Horizontal	Pass
6**	11271.562	47.87	3.28	54.0	-6.13	AV	341.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.700	40.34	-16.36	74.0	-33.66	Peak	292.00	150	Vertical	Pass
1**	1161.700	28.18	-16.36	54.0	-25.82	AV	292.00	150	Vertical	Pass
2	1527.000	41.16	-15.41	74.0	-32.84	Peak	128.00	150	Vertical	Pass
2**	1527.000	30.33	-15.41	54.0	-23.67	AV	128.00	150	Vertical	Pass
3	2818.500	46.69	-6.55	74.0	-27.31	Peak	123.00	150	Vertical	Pass
3**	2818.500	36.43	-6.55	54.0	-17.57	AV	123.00	150	Vertical	Pass
4	4024.250	50.29	-2.50	74.0	-23.71	Peak	23.00	150	Vertical	Pass
4**	4024.250	40.15	-2.50	54.0	-13.85	AV	23.00	150	Vertical	Pass
5	5778.000	97.53	1.37	--	-184.47	Peak	282.00	150	Vertical	N/A
5**	5778.000	90.59	1.37	--	90.59	AV	282.00	150	Vertical	N/A
6	9355.888	55.93	3.29	74.0	-18.07	Peak	341.00	150	Vertical	Pass
6**	9355.888	47.50	3.29	54.0	-6.50	AV	341.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.800	40.98	-16.09	74.0	-33.02	Peak	65.00	150	Horizontal	Pass
1**	1198.800	29.05	-16.09	54.0	-24.95	AV	65.00	150	Horizontal	Pass
2	1498.700	40.98	-15.17	74.0	-33.02	Peak	251.00	150	Horizontal	Pass
2**	1498.700	30.13	-15.17	54.0	-23.87	AV	251.00	150	Horizontal	Pass
3	2761.300	46.54	-6.83	74.0	-27.46	Peak	88.00	150	Horizontal	Pass
3**	2761.300	35.79	-6.83	54.0	-18.21	AV	88.00	150	Horizontal	Pass
4	4031.750	50.02	-2.06	74.0	-23.98	Peak	356.00	150	Horizontal	Pass
4**	4031.750	41.38	-2.06	54.0	-12.62	AV	356.00	150	Horizontal	Pass
5	5820.500	105.56	2.03	--	-93.44	Peak	199.00	150	Horizontal	N/A
5**	5820.500	97.86	2.03	--	97.86	AV	199.00	150	Horizontal	N/A
6	11199.838	56.93	3.48	74.0	-17.07	Peak	180.00	150	Horizontal	Pass
6**	11199.838	47.51	3.48	54.0	-6.49	AV	180.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.500	42.99	-16.33	74.0	-31.01	Peak	271.00	150	Vertical	Pass
1**	1162.500	28.77	-16.33	54.0	-25.23	AV	271.00	150	Vertical	Pass
2	1522.200	40.23	-15.40	74.0	-33.77	Peak	92.00	150	Vertical	Pass
2**	1522.200	30.26	-15.40	54.0	-23.74	AV	92.00	150	Vertical	Pass
3	2790.600	48.43	-6.95	74.0	-25.57	Peak	188.00	150	Vertical	Pass
3**	2790.600	36.25	-6.95	54.0	-17.75	AV	188.00	150	Vertical	Pass
4	5819.500	100.72	2.06	--	-179.28	Peak	280.00	150	Vertical	N/A
4**	5819.500	92.70	2.06	--	92.70	AV	280.00	150	Vertical	N/A
5	8146.062	53.05	-0.23	74.0	-20.95	Peak	88.00	150	Vertical	Pass
5**	8146.062	43.60	-0.23	54.0	-10.40	AV	88.00	150	Vertical	Pass
6	17794.724	56.27	4.03	74.0	-17.73	Peak	268.00	150	Vertical	Pass
6**	17794.724	47.72	4.03	54.0	-6.28	AV	268.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	42.33	-16.32	74.0	-31.67	Peak	106.00	150	Horizontal	Pass
1**	1164.100	29.25	-16.32	54.0	-24.75	AV	106.00	150	Horizontal	Pass
2	2274.900	45.18	-9.83	74.0	-28.82	Peak	219.00	150	Horizontal	Pass
2**	2274.900	34.96	-9.83	54.0	-19.04	AV	219.00	150	Horizontal	Pass
3	3746.750	49.59	-2.22	74.0	-24.41	Peak	219.00	150	Horizontal	Pass
3**	3746.750	39.51	-2.22	54.0	-14.49	AV	219.00	150	Horizontal	Pass
4	5758.250	99.46	1.32	--	-102.54	Peak	202.00	150	Horizontal	N/A
4**	5758.250	92.49	1.32	--	92.49	AV	202.00	150	Horizontal	N/A
5	9098.438	54.07	1.60	74.0	-19.93	Peak	107.00	150	Horizontal	Pass
5**	9098.438	45.35	1.60	54.0	-8.65	AV	107.00	150	Horizontal	Pass
6	12278.088	54.06	1.83	74.0	-19.94	Peak	230.00	150	Horizontal	Pass
6**	12278.088	45.22	1.83	54.0	-8.78	AV	230.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.900	41.75	-16.21	74.0	-32.25	Peak	0.00	150	Vertical	Pass
1**	1195.900	28.10	-16.21	54.0	-25.90	AV	0.00	150	Vertical	Pass
2	2210.100	45.73	-9.73	74.0	-28.27	Peak	331.00	150	Vertical	Pass
2**	2210.100	34.58	-9.73	54.0	-19.42	AV	331.00	150	Vertical	Pass
3	4002.500	50.17	-2.83	74.0	-23.83	Peak	314.00	150	Vertical	Pass
3**	4002.500	40.43	-2.83	54.0	-13.57	AV	314.00	150	Vertical	Pass
4	5757.000	94.09	1.36	--	-186.91	Peak	281.00	150	Vertical	N/A
4**	5757.000	87.53	1.36	--	87.53	AV	281.00	150	Vertical	N/A
5	8306.375	52.58	0.35	74.0	-21.42	Peak	193.00	150	Vertical	Pass
5**	8306.375	42.86	0.35	54.0	-11.14	AV	193.00	150	Vertical	Pass
6	11598.363	53.05	0.69	74.0	-20.95	Peak	296.00	150	Vertical	Pass
6**	11598.363	44.19	0.69	54.0	-9.81	AV	296.00	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	1197.400	44.80	-16.15	74.0	-29.20	Peak	116.00	150	Horizontal	Pass
1**	1197.400	31.05	-16.15	54.0	-22.95	AV	116.00	150	Horizontal	Pass
2	2271.900	44.67	-9.47	74.0	-29.33	Peak	0.00	150	Horizontal	Pass
2**	2271.900	35.01	-9.47	54.0	-18.99	AV	0.00	150	Horizontal	Pass
3	4258.250	50.38	-2.22	74.0	-23.62	Peak	155.00	150	Horizontal	Pass
3**	4258.250	41.14	-2.22	54.0	-12.86	AV	155.00	150	Horizontal	Pass
4	5791.750	99.08	1.80	--	-105.92	Peak	205.00	150	Horizontal	N/A
4**	5791.750	92.00	1.80	--	92.00	AV	205.00	150	Horizontal	N/A
5	8141.075	52.09	-0.13	74.0	-21.91	Peak	360.00	150	Horizontal	Pass
5**	8141.075	43.49	-0.13	54.0	-10.51	AV	360.00	150	Horizontal	Pass
6	11642.299	52.68	0.54	74.0	-21.32	Peak	169.00	150	Horizontal	Pass
6**	11642.299	43.88	0.54	54.0	-10.12	AV	169.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	41.78	-16.32	74.0	-32.22	Peak	294.00	150	Vertical	Pass
1**	1164.100	28.22	-16.32	54.0	-25.78	AV	294.00	150	Vertical	Pass
2	2270.400	45.05	-9.38	74.0	-28.95	Peak	178.00	150	Vertical	Pass
2**	2270.400	34.92	-9.38	54.0	-19.08	AV	178.00	150	Vertical	Pass
3	4039.250	49.79	-1.64	74.0	-24.21	Peak	5.00	150	Vertical	Pass
3**	4039.250	40.65	-1.64	54.0	-13.35	AV	5.00	150	Vertical	Pass
4	5800.500	93.81	1.68	--	-187.19	Peak	281.00	150	Vertical	N/A
4**	5800.500	85.51	1.68	--	85.51	AV	281.00	150	Vertical	N/A
5	8133.475	52.79	0.14	74.0	-21.21	Peak	158.00	150	Vertical	Pass
5**	8133.475	44.27	0.14	54.0	-9.73	AV	158.00	150	Vertical	Pass
6	11655.125	53.86	0.71	74.0	-20.14	Peak	123.00	150	Vertical	Pass
6**	11655.125	44.67	0.71	54.0	-9.33	AV	123.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.400	45.50	-16.32	74.0	-28.50	Peak	90.00	150	Horizontal	Pass
1**	1164.400	27.98	-16.32	54.0	-26.02	AV	90.00	150	Horizontal	Pass
2	1398.200	43.08	-14.96	74.0	-30.92	Peak	312.00	150	Horizontal	Pass
2**	1398.200	29.66	-14.96	54.0	-24.34	AV	312.00	150	Horizontal	Pass
3	2271.000	44.70	-9.41	74.0	-29.30	Peak	359.00	150	Horizontal	Pass
3**	2271.000	34.57	-9.41	54.0	-19.43	AV	359.00	150	Horizontal	Pass
4	5750.000	102.75	1.64	--	-100.25	Peak	203.00	150	Horizontal	N/A
4**	5750.000	94.93	1.64	--	94.93	AV	203.00	150	Horizontal	N/A
5	8270.037	51.88	0.07	74.0	-22.12	Peak	306.00	150	Horizontal	Pass
5**	8270.037	43.85	0.07	54.0	-10.15	AV	306.00	150	Horizontal	Pass
6	15791.849	53.43	2.32	74.0	-20.57	Peak	30.00	150	Horizontal	Pass
6**	15791.849	45.44	2.32	54.0	-8.56	AV	30.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.000	43.60	-16.21	74.0	-30.40	Peak	360.00	150	Vertical	Pass
1**	1196.000	30.45	-16.21	54.0	-23.55	AV	360.00	150	Vertical	Pass
2	1340.000	40.73	-15.26	74.0	-33.27	Peak	80.00	150	Vertical	Pass
2**	1340.000	29.28	-15.26	54.0	-24.72	AV	80.00	150	Vertical	Pass
3	2333.300	45.57	-9.76	74.0	-28.43	Peak	210.00	150	Vertical	Pass
3**	2333.300	34.07	-9.76	54.0	-19.93	AV	210.00	150	Vertical	Pass
4	4294.000	50.82	-1.93	74.0	-23.18	Peak	222.00	150	Vertical	Pass
4**	4294.000	41.26	-1.93	54.0	-12.74	AV	222.00	150	Vertical	Pass
5	5740.250	97.48	1.36	--	-184.52	Peak	282.00	150	Vertical	N/A
5**	5740.250	90.66	1.36	--	90.66	AV	282.00	150	Vertical	N/A
6	11568.201	53.59	0.88	74.0	-20.41	Peak	284.00	150	Vertical	Pass
6**	11568.201	44.16	0.88	54.0	-9.84	AV	284.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.900	43.05	-16.32	74.0	-30.95	Peak	29.00	100	Horizontal	Pass
1**	1163.900	30.63	-16.32	54.0	-23.37	AV	29.00	100	Horizontal	Pass
2	1333.600	40.69	-15.28	74.0	-33.31	Peak	0.00	100	Horizontal	Pass
2**	1333.600	29.48	-15.28	54.0	-24.52	AV	0.00	100	Horizontal	Pass
3	2274.300	44.48	-9.76	74.0	-29.52	Peak	61.00	100	Horizontal	Pass
3**	2274.300	34.83	-9.76	54.0	-19.17	AV	61.00	100	Horizontal	Pass
4	3809.000	49.20	-3.55	74.0	-24.80	Peak	85.00	100	Horizontal	Pass
4**	3809.000	39.12	-3.55	54.0	-14.88	AV	85.00	100	Horizontal	Pass
5	5781.000	102.52	1.40	--	-100.48	Peak	203.00	100	Horizontal	N/A
5**	5781.000	94.90	1.40	--	94.90	AV	203.00	100	Horizontal	N/A
6	8323.713	52.19	-0.05	74.0	-21.81	Peak	217.00	100	Horizontal	Pass
6**	8323.713	42.27	-0.05	54.0	-11.73	AV	217.00	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	1195.800	42.83	-16.22	74.0	-31.17	Peak	44.00	150	Vertical	Pass
1**	1195.800	28.84	-16.22	54.0	-25.16	AV	44.00	150	Vertical	Pass
2	1546.200	40.57	-15.33	74.0	-33.43	Peak	119.00	150	Vertical	Pass
2**	1546.200	30.15	-15.33	54.0	-23.85	AV	119.00	150	Vertical	Pass
3	2795.000	46.39	-6.75	74.0	-27.61	Peak	30.00	150	Vertical	Pass
3**	2795.000	36.45	-6.75	54.0	-17.55	AV	30.00	150	Vertical	Pass
4	4149.750	50.10	-2.82	74.0	-23.90	Peak	222.00	150	Vertical	Pass
4**	4149.750	40.81	-2.82	54.0	-13.19	AV	222.00	150	Vertical	Pass
5	5779.250	99.14	1.39	--	-180.86	Peak	280.00	150	Vertical	N/A
5**	5779.250	91.02	1.39	--	91.02	AV	280.00	150	Vertical	N/A
6	11195.563	53.39	3.35	74.0	-20.61	Peak	122.00	150	Vertical	Pass
6**	11195.563	46.77	3.35	54.0	-7.23	AV	122.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.500	41.12	-16.09	74.0	-32.88	Peak	274.00	150	Horizontal	Pass
1**	1198.500	29.53	-16.09	54.0	-24.47	AV	274.00	150	Horizontal	Pass
2	1395.000	43.23	-15.15	74.0	-30.77	Peak	214.00	150	Horizontal	Pass
2**	1395.000	29.08	-15.15	54.0	-24.92	AV	214.00	150	Horizontal	Pass
3	2271.000	44.37	-9.41	74.0	-29.63	Peak	350.00	150	Horizontal	Pass
3**	2271.000	34.76	-9.41	54.0	-19.24	AV	350.00	150	Horizontal	Pass
4	4205.500	49.95	-0.80	74.0	-24.05	Peak	347.00	150	Horizontal	Pass
4**	4205.500	41.85	-0.80	54.0	-12.15	AV	347.00	150	Horizontal	Pass
5	5830.500	102.70	2.42	--	-102.30	Peak	205.00	150	Horizontal	N/A
5**	5830.500	96.19	2.42	--	96.19	AV	205.00	150	Horizontal	N/A
6	8316.112	51.43	0.05	74.0	-22.57	Peak	89.00	150	Horizontal	Pass
6**	8316.112	43.34	0.05	54.0	-10.66	AV	89.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.000	42.46	-16.16	74.0	-31.54	Peak	0.00	150	Vertical	Pass
1**	1197.000	28.15	-16.16	54.0	-25.85	AV	0.00	150	Vertical	Pass
2	1311.200	40.79	-15.57	74.0	-33.21	Peak	347.00	150	Vertical	Pass
2**	1311.200	29.74	-15.57	54.0	-24.26	AV	347.00	150	Vertical	Pass
3	2261.200	45.35	-9.67	74.0	-28.65	Peak	53.00	150	Vertical	Pass
3**	2261.200	33.99	-9.67	54.0	-20.01	AV	53.00	150	Vertical	Pass
4	3980.000	49.77	-2.85	74.0	-24.23	Peak	56.00	150	Vertical	Pass
4**	3980.000	40.41	-2.85	54.0	-13.59	AV	56.00	150	Vertical	Pass
5	5829.000	96.95	2.33	--	-183.05	Peak	280.00	150	Vertical	N/A
5**	5829.000	89.45	2.33	--	89.45	AV	280.00	150	Vertical	N/A
6	10945.950	54.49	2.37	74.0	-19.51	Peak	287.00	150	Vertical	Pass
6**	10945.950	45.62	2.37	54.0	-8.38	AV	287.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.200	42.14	-16.09	74.0	-31.86	Peak	280.00	150	Horizontal	Pass
1**	1200.200	29.87	-16.09	54.0	-24.13	AV	280.00	150	Horizontal	Pass
2	1596.000	41.78	-15.18	74.0	-32.22	Peak	48.00	150	Horizontal	Pass
2**	1596.000	29.45	-15.18	54.0	-24.55	AV	48.00	150	Horizontal	Pass
3	2269.600	44.49	-9.35	74.0	-29.51	Peak	303.00	150	Horizontal	Pass
3**	2269.600	34.64	-9.35	54.0	-19.36	AV	303.00	150	Horizontal	Pass
4	4210.000	50.74	-0.56	74.0	-23.26	Peak	105.00	150	Horizontal	Pass
4**	4210.000	41.95	-0.56	54.0	-12.05	AV	105.00	150	Horizontal	Pass
5	5752.000	101.54	1.57	--	-103.46	Peak	205.00	150	Horizontal	N/A
5**	5752.000	94.27	1.57	--	94.27	AV	205.00	150	Horizontal	N/A
6	8361.238	52.16	-0.31	74.0	-21.84	Peak	124.00	150	Horizontal	Pass
6**	8361.238	42.66	-0.31	54.0	-11.34	AV	124.00	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	1164.100	42.11	-16.32	74.0	-31.89	Peak	52.00	150	Vertical	Pass
1**	1164.100	28.38	-16.32	54.0	-25.62	AV	52.00	150	Vertical	Pass
2	1535.700	40.22	-15.12	74.0	-33.78	Peak	332.00	150	Vertical	Pass
2**	1535.700	30.11	-15.12	54.0	-23.89	AV	332.00	150	Vertical	Pass
3	2791.300	47.72	-6.94	74.0	-26.28	Peak	323.00	150	Vertical	Pass
3**	2791.300	35.90	-6.94	54.0	-18.10	AV	323.00	150	Vertical	Pass
4	4865.750	52.99	0.57	74.0	-21.01	Peak	347.00	150	Vertical	Pass
4**	4865.750	43.28	0.57	54.0	-10.72	AV	347.00	150	Vertical	Pass
5	5749.750	96.23	1.62	--	-183.77	Peak	280.00	150	Vertical	N/A
5**	5749.750	88.56	1.62	--	88.56	AV	280.00	150	Vertical	N/A
6	8305.901	51.82	0.29	74.0	-22.18	Peak	147.00	150	Vertical	Pass
6**	8305.901	42.59	0.29	54.0	-11.41	AV	147.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	44.97	-16.32	74.0	-29.03	Peak	25.00	150	Horizontal	Pass
1**	1164.100	35.11	-16.32	54.0	-18.89	AV	25.00	150	Horizontal	Pass
2	1546.700	41.01	-15.34	74.0	-32.99	Peak	105.00	150	Horizontal	Pass
2**	1546.700	29.26	-15.34	54.0	-24.74	AV	105.00	150	Horizontal	Pass
3	2267.300	44.81	-9.41	74.0	-29.19	Peak	294.00	150	Horizontal	Pass
3**	2267.300	34.78	-9.41	54.0	-19.22	AV	294.00	150	Horizontal	Pass
4	2818.100	46.59	-6.57	74.0	-27.41	Peak	115.00	150	Horizontal	Pass
4**	2818.100	36.54	-6.57	54.0	-17.46	AV	115.00	150	Horizontal	Pass
5	5808.500	102.41	1.85	--	-8.59	Peak	111.00	150	Horizontal	N/A
5**	5808.500	94.98	1.85	--	94.98	AV	111.00	150	Horizontal	N/A
6	9122.662	54.64	1.68	74.0	-19.36	Peak	193.00	150	Horizontal	Pass
6**	9122.662	46.44	1.68	54.0	-7.56	AV	193.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.900	42.44	-16.33	74.0	-31.56	Peak	44.00	150	Vertical	Pass
1**	1165.900	28.56	-16.33	54.0	-25.44	AV	44.00	150	Vertical	Pass
2	2274.900	45.98	-9.83	74.0	-28.02	Peak	333.00	150	Vertical	Pass
2**	2274.900	34.66	-9.83	54.0	-19.34	AV	333.00	150	Vertical	Pass
3	3840.250	49.26	-2.47	74.0	-24.74	Peak	360.00	150	Vertical	Pass
3**	3840.250	39.70	-2.47	54.0	-14.30	AV	360.00	150	Vertical	Pass
4	4850.750	53.13	0.61	74.0	-20.87	Peak	62.00	150	Vertical	Pass
4**	4850.750	44.19	0.61	54.0	-9.81	AV	62.00	150	Vertical	Pass
5	5810.000	97.11	1.97	--	-183.89	Peak	281.00	150	Vertical	N/A
5**	5810.000	89.20	1.97	--	89.20	AV	281.00	150	Vertical	N/A
6	8338.675	52.39	-0.32	74.0	-21.61	Peak	135.00	150	Vertical	Pass
6**	8338.675	42.95	-0.32	54.0	-11.05	AV	135.00	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	1198.800	44.01	-16.09	74.0	-29.99	Peak	127.00	150	Horizontal	Pass
1**	1198.800	29.94	-16.09	54.0	-24.06	AV	127.00	150	Horizontal	Pass
2	1496.400	40.08	-15.07	74.0	-33.92	Peak	254.00	150	Horizontal	Pass
2**	1496.400	31.02	-15.07	54.0	-22.98	AV	254.00	150	Horizontal	Pass
3	2257.000	44.82	-9.85	74.0	-29.18	Peak	346.00	150	Horizontal	Pass
3**	2257.000	34.08	-9.85	54.0	-19.92	AV	346.00	150	Horizontal	Pass
4	3746.250	49.42	-2.21	74.0	-24.58	Peak	339.00	150	Horizontal	Pass
4**	3746.250	39.49	-2.21	54.0	-14.51	AV	339.00	150	Horizontal	Pass
5	5802.500	97.40	1.65	--	-100.60	Peak	198.00	150	Horizontal	N/A
5**	5802.500	89.98	1.65	--	89.98	AV	198.00	150	Horizontal	N/A
6	8352.213	51.86	-0.27	74.0	-22.14	Peak	342.00	150	Horizontal	Pass
6**	8352.213	43.07	-0.27	54.0	-10.93	AV	342.00	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	1196.400	41.33	-16.19	74.0	-32.67	Peak	201.00	150	Vertical	Pass
1**	1196.400	28.95	-16.19	54.0	-25.05	AV	201.00	150	Vertical	Pass
2	1545.800	40.43	-15.32	74.0	-33.57	Peak	348.00	150	Vertical	Pass
2**	1545.800	30.13	-15.32	54.0	-23.87	AV	348.00	150	Vertical	Pass
3	2261.200	44.79	-9.67	74.0	-29.21	Peak	169.00	150	Vertical	Pass
3**	2261.200	34.43	-9.67	54.0	-19.57	AV	169.00	150	Vertical	Pass
4	3984.500	49.30	-2.66	74.0	-24.70	Peak	88.00	150	Vertical	Pass
4**	3984.500	42.54	-2.66	54.0	-11.46	AV	88.00	150	Vertical	Pass
5	5810.250	92.48	1.99	--	-187.52	Peak	280.00	150	Vertical	N/A
5**	5810.250	85.09	1.99	--	85.09	AV	280.00	150	Vertical	N/A
6	8302.813	51.98	0.16	74.0	-22.02	Peak	20.00	150	Vertical	Pass
6**	8302.813	43.58	0.16	54.0	-10.42	AV	20.00	150	Vertical	Pass

Antenna 1

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	1196.400	40.43	-16.19	74.0	-33.57	Peak	25.00	150	Horizontal	Pass
1**	1196.400	29.18	-16.19	54.0	-24.82	AV	25.00	150	Horizontal	Pass
2	1372.100	40.22	-15.54	74.0	-33.78	Peak	209.00	150	Horizontal	Pass
2**	1372.100	29.54	-15.54	54.0	-24.46	AV	209.00	150	Horizontal	Pass
3	3994.000	50.28	-2.87	74.0	-23.72	Peak	172.00	150	Horizontal	Pass
3**	3994.000	40.02	-2.87	54.0	-13.98	AV	172.00	150	Horizontal	Pass
4	5182.000	100.29	0.42	--	-5.71	Peak	106.00	150	Horizontal	N/A
4**	5182.000	93.23	0.42	--	93.23	AV	106.00	150	Horizontal	N/A
5	8136.088	52.58	0.15	74.0	-21.42	Peak	297.00	150	Horizontal	Pass
5**	8136.088	43.86	0.15	54.0	-10.14	AV	297.00	150	Horizontal	Pass
6	9123.375	53.67	1.68	74.0	-20.33	Peak	146.00	150	Horizontal	Pass
6**	9123.375	45.03	1.68	54.0	-8.97	AV	146.00	150	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	1198.000	39.29	-16.12	74.0	-34.71	Peak	118.00	150	Vertical	Pass
1**	1198.000	28.04	-16.12	54.0	-25.96	AV	118.00	150	Vertical	Pass
2	1559.300	41.28	-15.32	74.0	-32.72	Peak	94.00	150	Vertical	Pass
2**	1559.300	30.61	-15.32	54.0	-23.39	AV	94.00	150	Vertical	Pass
3	2799.800	48.54	-6.85	74.0	-25.46	Peak	198.00	150	Vertical	Pass
3**	2799.800	36.69	-6.85	54.0	-17.31	AV	198.00	150	Vertical	Pass
4	3880.750	49.89	-2.42	74.0	-24.11	Peak	229.00	150	Vertical	Pass
4**	3880.750	40.21	-2.42	54.0	-13.79	AV	229.00	150	Vertical	Pass
5	5183.250	95.51	0.39	--	-8.49	Peak	104.00	150	Vertical	N/A
5**	5183.250	87.51	0.39	--	87.51	AV	104.00	150	Vertical	N/A
6	8199.500	52.53	-0.26	74.0	-21.47	Peak	252.00	150	Vertical	Pass
6**	8199.500	42.67	-0.26	54.0	-11.33	AV	252.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.600	41.33	-16.14	74.0	-32.67	Peak	58.00	150	Horizontal	Pass
1**	1197.600	28.46	-16.14	54.0	-25.54	AV	58.00	150	Horizontal	Pass
2	1572.500	40.94	-15.41	74.0	-33.06	Peak	147.00	150	Horizontal	Pass
2**	1572.500	30.12	-15.41	54.0	-23.88	AV	147.00	150	Horizontal	Pass
3	2272.700	44.72	-9.57	74.0	-29.28	Peak	86.00	150	Horizontal	Pass
3**	2272.700	34.95	-9.57	54.0	-19.05	AV	86.00	150	Horizontal	Pass
4	3891.250	49.53	-2.69	74.0	-24.47	Peak	305.00	150	Horizontal	Pass
4**	3891.250	39.84	-2.69	54.0	-14.16	AV	305.00	150	Horizontal	Pass
5	5214.000	101.79	0.63	--	-60.21	Peak	162.00	150	Horizontal	N/A
5**	5214.000	93.29	0.63	--	93.29	AV	162.00	150	Horizontal	N/A
6	8238.688	51.73	-0.19	74.0	-22.27	Peak	42.00	150	Horizontal	Pass
6**	8238.688	43.36	-0.19	54.0	-10.64	AV	42.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.800	39.55	-16.22	74.0	-34.45	Peak	132.00	150	Vertical	Pass
1**	1195.800	28.33	-16.22	54.0	-25.67	AV	132.00	150	Vertical	Pass
2	1398.600	40.52	-14.97	74.0	-33.48	Peak	123.00	150	Vertical	Pass
2**	1398.600	29.34	-14.97	54.0	-24.66	AV	123.00	150	Vertical	Pass
3	2272.900	44.37	-9.60	74.0	-29.63	Peak	309.00	150	Vertical	Pass
3**	2272.900	34.79	-9.60	54.0	-19.21	AV	309.00	150	Vertical	Pass
4	2812.500	46.41	-6.71	74.0	-27.59	Peak	151.00	150	Vertical	Pass
4**	2812.500	36.62	-6.71	54.0	-17.38	AV	151.00	150	Vertical	Pass
5	5221.500	95.22	0.52	--	-11.78	Peak	107.00	150	Vertical	N/A
5**	5221.500	87.21	0.52	--	87.21	AV	107.00	150	Vertical	N/A
6	8243.200	51.47	-0.15	74.0	-22.53	Peak	227.00	150	Vertical	Pass
6**	8243.200	43.39	-0.15	54.0	-10.61	AV	227.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.500	41.18	-16.19	74.0	-32.82	Peak	52.00	150	Horizontal	Pass
1**	1196.500	28.50	-16.19	54.0	-25.50	AV	52.00	150	Horizontal	Pass
2	1381.000	40.31	-15.36	74.0	-33.69	Peak	122.00	150	Horizontal	Pass
2**	1381.000	28.98	-15.36	54.0	-25.02	AV	122.00	150	Horizontal	Pass
3	2260.200	43.87	-9.67	74.0	-30.13	Peak	103.00	150	Horizontal	Pass
3**	2260.200	34.22	-9.67	54.0	-19.78	AV	103.00	150	Horizontal	Pass
4	2796.000	48.09	-6.81	74.0	-25.91	Peak	127.00	150	Horizontal	Pass
4**	2796.000	36.47	-6.81	54.0	-17.53	AV	127.00	150	Horizontal	Pass
5	5244.500	100.80	0.31	--	-79.20	Peak	180.00	150	Horizontal	N/A
5**	5244.500	93.34	0.31	--	93.34	AV	180.00	150	Horizontal	N/A
6	8332.025	52.29	-0.20	74.0	-21.71	Peak	356.00	150	Horizontal	Pass
6**	8332.025	43.09	-0.20	54.0	-10.91	AV	356.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.200	41.12	-16.09	74.0	-32.88	Peak	174.00	150	Vertical	Pass
1**	1199.200	28.01	-16.09	54.0	-25.99	AV	174.00	150	Vertical	Pass
2	1521.900	40.51	-15.41	74.0	-33.49	Peak	136.00	150	Vertical	Pass
2**	1521.900	30.16	-15.41	54.0	-23.84	AV	136.00	150	Vertical	Pass
3	2265.700	45.61	-9.36	74.0	-28.39	Peak	249.00	150	Vertical	Pass
3**	2265.700	35.12	-9.36	54.0	-18.88	AV	249.00	150	Vertical	Pass
4	3991.250	49.99	-2.81	74.0	-24.01	Peak	45.00	150	Vertical	Pass
4**	3991.250	40.06	-2.81	54.0	-13.94	AV	45.00	150	Vertical	Pass
5	5246.250	95.71	0.27	--	-7.29	Peak	103.00	150	Vertical	N/A
5**	5246.250	88.94	0.27	--	88.94	AV	103.00	150	Vertical	N/A
6	8300.912	51.63	0.05	74.0	-22.37	Peak	287.00	150	Vertical	Pass
6**	8300.912	43.36	0.05	54.0	-10.64	AV	287.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.700	42.12	-16.22	74.0	-31.88	Peak	120.00	150	Horizontal	Pass
1**	1195.700	29.31	-16.22	54.0	-24.69	AV	120.00	150	Horizontal	Pass
2	1477.300	40.65	-15.49	74.0	-33.35	Peak	272.00	150	Horizontal	Pass
2**	1477.300	29.67	-15.49	54.0	-24.33	AV	272.00	150	Horizontal	Pass
3	2801.800	47.65	-6.91	74.0	-26.35	Peak	362.00	150	Horizontal	Pass
3**	2801.800	36.77	-6.91	54.0	-17.23	AV	362.00	150	Horizontal	Pass
4	4253.250	50.82	-2.12	74.0	-23.18	Peak	331.00	150	Horizontal	Pass
4**	4253.250	41.24	-2.12	54.0	-12.76	AV	331.00	150	Horizontal	Pass
5	5174.500	100.90	0.71	--	-171.10	Peak	272.00	150	Horizontal	N/A
5**	5174.500	93.50	0.71	--	93.50	AV	272.00	150	Horizontal	N/A
6	8256.737	52.16	0.10	74.0	-21.84	Peak	295.00	150	Horizontal	Pass
6**	8256.737	43.20	0.10	54.0	-10.80	AV	295.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.600	39.88	-16.14	74.0	-34.12	Peak	144.00	150	Vertical	Pass
1**	1197.600	28.23	-16.14	54.0	-25.77	AV	144.00	150	Vertical	Pass
2	1395.100	41.33	-15.14	74.0	-32.67	Peak	265.00	150	Vertical	Pass
2**	1395.100	29.72	-15.14	54.0	-24.28	AV	265.00	150	Vertical	Pass
3	2272.300	44.19	-9.52	74.0	-29.81	Peak	5.00	150	Vertical	Pass
3**	2272.300	34.12	-9.52	54.0	-19.88	AV	5.00	150	Vertical	Pass
4	2791.400	46.57	-6.94	74.0	-27.43	Peak	186.00	150	Vertical	Pass
4**	2791.400	36.39	-6.94	54.0	-17.61	AV	186.00	150	Vertical	Pass
5	5186.000	95.52	0.29	--	-18.48	Peak	114.00	150	Vertical	N/A
5**	5186.000	87.62	0.29	--	87.62	AV	114.00	150	Vertical	N/A
6	8276.213	52.34	-0.14	74.0	-21.66	Peak	249.00	150	Vertical	Pass
6**	8276.213	43.59	-0.14	54.0	-10.41	AV	249.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.800	41.15	-16.09	74.0	-32.85	Peak	58.00	150	Horizontal	Pass
1**	1199.800	29.20	-16.09	54.0	-24.80	AV	58.00	150	Horizontal	Pass
2	1550.700	42.36	-15.31	74.0	-31.64	Peak	157.00	150	Horizontal	Pass
2**	1550.700	30.88	-15.31	54.0	-23.12	AV	157.00	150	Horizontal	Pass
3	2255.900	43.84	-9.91	74.0	-30.16	Peak	35.00	150	Horizontal	Pass
3**	2255.900	34.39	-9.91	54.0	-19.61	AV	35.00	150	Horizontal	Pass
4	2788.000	46.07	-7.09	74.0	-27.93	Peak	335.00	150	Horizontal	Pass
4**	2788.000	35.89	-7.09	54.0	-18.11	AV	335.00	150	Horizontal	Pass
5	5215.000	100.95	0.61	--	-62.05	Peak	163.00	150	Horizontal	N/A
5**	5215.000	93.51	0.61	--	93.51	AV	163.00	150	Horizontal	N/A
6	8267.900	52.06	0.07	74.0	-21.94	Peak	272.00	150	Horizontal	Pass
6**	8267.900	43.23	0.07	54.0	-10.77	AV	272.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.300	40.95	-16.20	74.0	-33.05	Peak	243.00	150	Vertical	Pass
1**	1196.300	30.43	-16.20	54.0	-23.57	AV	243.00	150	Vertical	Pass
2	1596.100	40.41	-15.18	74.0	-33.59	Peak	168.00	150	Vertical	Pass
2**	1596.100	30.15	-15.18	54.0	-23.85	AV	168.00	150	Vertical	Pass
3	3909.250	49.56	-2.64	74.0	-24.44	Peak	305.00	150	Vertical	Pass
3**	3909.250	39.43	-2.64	54.0	-14.57	AV	305.00	150	Vertical	Pass
4	5216.750	95.52	0.53	--	-17.48	Peak	113.00	150	Vertical	N/A
4**	5216.750	87.96	0.53	--	87.96	AV	113.00	150	Vertical	N/A
5	8307.800	52.89	0.33	74.0	-21.11	Peak	98.00	150	Vertical	Pass
5**	8307.800	42.80	0.33	54.0	-11.20	AV	98.00	150	Vertical	Pass
6	12004.013	57.21	3.76	74.0	-16.79	Peak	98.00	150	Vertical	Pass
6**	12004.013	47.81	3.76	54.0	-6.19	AV	98.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.200	42.76	-16.34	74.0	-31.24	Peak	272.00	150	Horizontal	Pass
1**	1166.200	32.13	-16.34	54.0	-21.87	AV	272.00	150	Horizontal	Pass
2	1511.400	40.40	-15.56	74.0	-33.60	Peak	120.00	150	Horizontal	Pass
2**	1511.400	29.79	-15.56	54.0	-24.21	AV	120.00	150	Horizontal	Pass
3	4052.500	49.99	-2.53	74.0	-24.01	Peak	272.00	150	Horizontal	Pass
3**	4052.500	40.37	-2.53	54.0	-13.63	AV	272.00	150	Horizontal	Pass
4	5235.000	101.08	0.42	--	-61.92	Peak	163.00	150	Horizontal	N/A
4**	5235.000	94.08	0.42	--	94.08	AV	163.00	150	Horizontal	N/A
5	8121.125	53.48	0.17	74.0	-20.52	Peak	0.00	150	Horizontal	Pass
5**	8121.125	43.59	0.17	54.0	-10.41	AV	0.00	150	Horizontal	Pass
6	11980.500	57.22	3.88	74.0	-16.78	Peak	122.00	150	Horizontal	Pass
6**	11980.500	47.57	3.88	54.0	-6.43	AV	122.00	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	1165.400	42.59	-16.33	74.0	-31.41	Peak	20.00	150	Vertical	Pass
1**	1165.400	29.35	-16.33	54.0	-24.65	AV	20.00	150	Vertical	Pass
2	2330.300	48.28	-10.06	74.0	-25.72	Peak	308.00	150	Vertical	Pass
2**	2330.300	33.62	-10.06	54.0	-20.38	AV	308.00	150	Vertical	Pass
3	4123.500	49.92	-2.42	74.0	-24.08	Peak	338.00	150	Vertical	Pass
3**	4123.500	40.48	-2.42	54.0	-13.52	AV	338.00	150	Vertical	Pass
4	5245.500	95.15	0.29	--	-17.85	Peak	113.00	150	Vertical	N/A
4**	5245.500	87.51	0.29	--	87.51	AV	113.00	150	Vertical	N/A
5	8161.025	52.54	-0.44	74.0	-21.46	Peak	317.00	150	Vertical	Pass
5**	8161.025	42.90	-0.44	54.0	-11.10	AV	317.00	150	Vertical	Pass
6	11289.850	56.67	3.51	74.0	-17.33	Peak	75.00	150	Vertical	Pass
6**	11289.850	47.35	3.51	54.0	-6.65	AV	75.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.300	41.83	-16.32	74.0	-32.17	Peak	152.00	150	Horizontal	Pass
1**	1164.300	29.33	-16.32	54.0	-24.67	AV	152.00	150	Horizontal	Pass
2	1552.600	40.02	-15.29	74.0	-33.98	Peak	11.00	150	Horizontal	Pass
2**	1552.600	30.12	-15.29	54.0	-23.88	AV	11.00	150	Horizontal	Pass
3	3983.000	49.96	-2.80	74.0	-24.04	Peak	360.00	150	Horizontal	Pass
3**	3983.000	40.22	-2.80	54.0	-13.78	AV	360.00	150	Horizontal	Pass
4	5192.750	96.39	0.19	--	-66.61	Peak	163.00	150	Horizontal	N/A
4**	5192.750	87.59	0.19	--	87.59	AV	163.00	150	Horizontal	N/A
5	8114.713	52.61	-0.08	74.0	-21.39	Peak	294.00	150	Horizontal	Pass
5**	8114.713	43.17	-0.08	54.0	-10.83	AV	294.00	150	Horizontal	Pass
6	11960.549	57.04	3.89	74.0	-16.96	Peak	236.00	150	Horizontal	Pass
6**	11960.549	47.46	3.89	54.0	-6.54	AV	236.00	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	1195.600	43.72	-16.22	74.0	-30.28	Peak	359.00	150	Vertical	Pass
1**	1195.600	28.14	-16.22	54.0	-25.86	AV	359.00	150	Vertical	Pass
2	2325.900	46.33	-10.10	74.0	-27.67	Peak	159.00	150	Vertical	Pass
2**	2325.900	34.22	-10.10	54.0	-19.78	AV	159.00	150	Vertical	Pass
3	3879.000	49.71	-2.53	74.0	-24.29	Peak	198.00	150	Vertical	Pass
3**	3879.000	40.42	-2.53	54.0	-13.58	AV	198.00	150	Vertical	Pass
4	5203.250	91.22	0.35	--	-21.78	Peak	113.00	150	Vertical	N/A
4**	5203.250	83.05	0.35	--	83.05	AV	113.00	150	Vertical	N/A
5	8133.475	52.91	0.14	74.0	-21.09	Peak	237.00	150	Vertical	Pass
5**	8133.475	44.14	0.14	54.0	-9.86	AV	237.00	150	Vertical	Pass
6	11952.474	56.54	3.89	74.0	-17.46	Peak	64.00	150	Vertical	Pass
6**	11952.474	48.00	3.89	54.0	-6.00	AV	64.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.200	43.59	-16.32	74.0	-30.41	Peak	11.00	150	Horizontal	Pass
1**	1164.200	28.59	-16.32	54.0	-25.41	AV	11.00	150	Horizontal	Pass
2	1578.600	41.58	-15.38	74.0	-32.42	Peak	107.00	150	Horizontal	Pass
2**	1578.600	30.06	-15.38	54.0	-23.94	AV	107.00	150	Horizontal	Pass
3	4205.000	51.03	-0.86	74.0	-22.97	Peak	255.00	150	Horizontal	Pass
3**	4205.000	41.41	-0.86	54.0	-12.59	AV	255.00	150	Horizontal	Pass
4	5235.250	97.48	0.44	--	-70.52	Peak	168.00	150	Horizontal	N/A
4**	5235.250	89.50	0.44	--	89.50	AV	168.00	150	Horizontal	N/A
5	8118.038	52.82	0.08	74.0	-21.18	Peak	30.00	150	Horizontal	Pass
5**	8118.038	43.84	0.08	54.0	-10.16	AV	30.00	150	Horizontal	Pass
6	11204.825	56.68	3.44	74.0	-17.32	Peak	52.00	150	Horizontal	Pass
6**	11204.825	46.80	3.44	54.0	-7.20	AV	52.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.900	40.97	-16.32	74.0	-33.03	Peak	336.00	150	Vertical	Pass
1**	1164.900	28.56	-16.32	54.0	-25.44	AV	336.00	150	Vertical	Pass
2	1536.000	41.90	-15.13	74.0	-32.10	Peak	141.00	150	Vertical	Pass
2**	1536.000	31.42	-15.13	54.0	-22.58	AV	141.00	150	Vertical	Pass
3	2816.700	47.08	-6.55	74.0	-26.92	Peak	54.00	150	Vertical	Pass
3**	2816.700	36.58	-6.55	54.0	-17.42	AV	54.00	150	Vertical	Pass
4	4312.250	50.56	-1.52	74.0	-23.44	Peak	359.00	150	Vertical	Pass
4**	4312.250	40.93	-1.52	54.0	-13.07	AV	359.00	150	Vertical	Pass
5	5216.000	92.87	0.57	--	-15.13	Peak	108.00	150	Vertical	N/A
5**	5216.000	85.47	0.57	--	85.47	AV	108.00	150	Vertical	N/A
6	12013.513	57.75	3.48	74.0	-16.25	Peak	85.00	150	Vertical	Pass
6**	12013.513	47.76	3.48	54.0	-6.24	AV	85.00	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	1162.100	47.24	-16.35	74.0	-26.76	Peak	18.00	150	Horizontal	Pass
1**	1162.100	28.14	-16.35	54.0	-25.86	AV	18.00	150	Horizontal	Pass
2	1544.000	41.16	-15.25	74.0	-32.84	Peak	140.00	150	Horizontal	Pass
2**	1544.000	31.07	-15.25	54.0	-22.93	AV	140.00	150	Horizontal	Pass
3	4309.500	50.47	-1.46	74.0	-23.53	Peak	344.00	150	Horizontal	Pass
3**	4309.500	41.12	-1.46	54.0	-12.88	AV	344.00	150	Horizontal	Pass
4	5176.000	100.19	0.65	--	-170.81	Peak	271.00	150	Horizontal	N/A
4**	5176.000	92.86	0.65	--	92.86	AV	271.00	150	Horizontal	N/A
5	8097.850	53.02	-0.11	74.0	-20.98	Peak	361.00	150	Horizontal	Pass
5**	8097.850	44.59	-0.11	54.0	-9.41	AV	361.00	150	Horizontal	Pass
6	11919.225	57.56	3.67	74.0	-16.44	Peak	131.00	150	Horizontal	Pass
6**	11919.225	47.21	3.67	54.0	-6.79	AV	131.00	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	1164.300	44.43	-16.32	74.0	-29.57	Peak	254.00	150	Vertical	Pass
1**	1164.300	27.76	-16.32	54.0	-26.24	AV	254.00	150	Vertical	Pass
2	1545.000	41.33	-15.30	74.0	-32.67	Peak	101.00	150	Vertical	Pass
2**	1545.000	31.36	-15.30	54.0	-22.64	AV	101.00	150	Vertical	Pass
3	4215.000	50.97	-0.99	74.0	-23.03	Peak	343.00	150	Vertical	Pass
3**	4215.000	41.75	-0.99	54.0	-12.25	AV	343.00	150	Vertical	Pass
4	5184.000	95.96	0.35	--	-13.04	Peak	109.00	150	Vertical	N/A
4**	5184.000	89.17	0.35	--	89.17	AV	109.00	150	Vertical	N/A
5	8137.750	53.35	-0.05	74.0	-20.65	Peak	229.00	150	Vertical	Pass
5**	8137.750	43.49	-0.05	54.0	-10.51	AV	229.00	150	Vertical	Pass
6	11996.888	56.72	3.88	74.0	-17.28	Peak	218.00	150	Vertical	Pass
6**	11996.888	47.96	3.88	54.0	-6.04	AV	218.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.500	43.70	-16.32	74.0	-30.30	Peak	10.00	150	Horizontal	Pass
1**	1164.500	27.95	-16.32	54.0	-26.05	AV	10.00	150	Horizontal	Pass
2	1564.700	41.19	-15.46	74.0	-32.81	Peak	170.00	150	Horizontal	Pass
2**	1564.700	30.73	-15.46	54.0	-23.27	AV	170.00	150	Horizontal	Pass
3	3750.500	49.62	-2.46	74.0	-24.38	Peak	0.00	150	Horizontal	Pass
3**	3750.500	40.20	-2.46	54.0	-13.80	AV	0.00	150	Horizontal	Pass
4	5225.500	100.56	0.63	--	-64.44	Peak	165.00	150	Horizontal	Pass
4**	5225.500	92.75	0.63	--	92.75	AV	165.00	150	Horizontal	N/A
5	8118.513	53.08	0.09	74.0	-20.92	Peak	76.00	150	Horizontal	Pass
5**	8118.513	43.81	0.09	54.0	-10.19	AV	76.00	150	Horizontal	Pass
6	11937.275	56.79	3.80	74.0	-17.21	Peak	10.00	150	Horizontal	Pass
6**	11937.275	47.35	3.80	54.0	-6.65	AV	10.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.900	42.36	-16.33	74.0	-31.64	Peak	165.00	150	Vertical	Pass
1**	1162.900	28.43	-16.33	54.0	-25.57	AV	165.00	150	Vertical	Pass
2	1546.700	41.10	-15.34	74.0	-32.90	Peak	111.00	150	Vertical	Pass
2**	1546.700	31.72	-15.34	54.0	-22.28	AV	111.00	150	Vertical	Pass
3	4296.000	51.53	-1.78	74.0	-22.47	Peak	225.00	150	Vertical	Pass
3**	4296.000	41.18	-1.78	54.0	-12.82	AV	225.00	150	Vertical	Pass
4	5213.500	96.10	0.63	--	-13.90	Peak	110.00	150	Vertical	N/A
4**	5213.500	88.53	0.63	--	88.53	AV	110.00	150	Vertical	N/A
5	8110.200	52.99	-0.18	74.0	-21.01	Peak	206.00	150	Vertical	Pass
5**	8110.200	43.09	-0.18	54.0	-10.91	AV	206.00	150	Vertical	Pass
6	11201.738	57.22	3.47	74.0	-16.78	Peak	0.00	150	Vertical	Pass
6**	11201.738	46.95	3.47	54.0	-7.05	AV	0.00	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	1162.700	43.11	-16.33	74.0	-30.89	Peak	360.00	150	Horizontal	Pass
1**	1162.700	27.75	-16.33	54.0	-26.25	AV	360.00	150	Horizontal	Pass
2	1549.100	42.22	-15.41	74.0	-31.78	Peak	167.00	150	Horizontal	Pass
2**	1549.100	31.32	-15.41	54.0	-22.68	AV	167.00	150	Horizontal	Pass
3	4205.000	50.66	-0.86	74.0	-23.34	Peak	85.00	150	Horizontal	Pass
3**	4205.000	41.51	-0.86	54.0	-12.49	AV	85.00	150	Horizontal	Pass
4	5236.250	100.88	0.48	--	-64.12	Peak	165.00	150	Horizontal	N/A
4**	5236.250	93.48	0.48	--	93.48	AV	165.00	150	Horizontal	N/A
5	8085.500	52.87	0.03	74.0	-21.13	Peak	320.00	150	Horizontal	Pass
5**	8085.500	43.66	0.03	54.0	-10.34	AV	320.00	150	Horizontal	Pass
6	11990.475	56.73	3.88	74.0	-17.27	Peak	97.00	150	Horizontal	Pass
6**	11990.475	47.83	3.88	54.0	-6.17	AV	97.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	41.31	-16.34	74.0	-32.69	Peak	237.00	150	Vertical	Pass
1**	1166.400	29.21	-16.34	54.0	-24.79	AV	237.00	150	Vertical	Pass
2	1600.000	44.87	-15.36	74.0	-29.13	Peak	273.00	150	Vertical	Pass
2**	1600.000	31.70	-15.36	54.0	-22.30	AV	273.00	150	Vertical	Pass
3	4025.750	49.81	-2.44	74.0	-24.19	Peak	319.00	150	Vertical	Pass
3**	4025.750	40.36	-2.44	54.0	-13.64	AV	319.00	150	Vertical	Pass
4	5245.750	95.95	0.28	--	-6.05	Peak	102.00	150	Vertical	N/A
4**	5245.750	88.96	0.28	--	88.96	AV	102.00	150	Vertical	N/A
5	8126.350	52.11	0.27	74.0	-21.89	Peak	298.00	150	Vertical	Pass
5**	8126.350	43.55	0.27	54.0	-10.45	AV	298.00	150	Vertical	Pass
6	17817.037	57.08	3.69	74.0	-16.92	Peak	318.00	150	Vertical	Pass
6**	17817.037	47.47	3.69	54.0	-6.53	AV	318.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.900	41.07	-16.17	74.0	-32.93	Peak	59.00	150	Horizontal	Pass
1**	1196.900	27.90	-16.17	54.0	-26.10	AV	59.00	150	Horizontal	Pass
2	1548.600	41.66	-15.40	74.0	-32.34	Peak	166.00	150	Horizontal	Pass
2**	1548.600	31.30	-15.40	54.0	-22.70	AV	166.00	150	Horizontal	Pass
3	4011.000	49.59	-2.60	74.0	-24.41	Peak	173.00	150	Horizontal	Pass
3**	4011.000	39.53	-2.60	54.0	-14.47	AV	173.00	150	Horizontal	Pass
4	5203.750	97.48	0.37	--	-67.52	Peak	165.00	150	Horizontal	N/A
4**	5203.750	89.64	0.37	--	89.64	AV	165.00	150	Horizontal	N/A
5	8362.187	52.04	-0.34	74.0	-21.96	Peak	0.00	150	Horizontal	Pass
5**	8362.187	43.26	-0.34	54.0	-10.74	AV	0.00	150	Horizontal	Pass
6	11939.174	57.00	3.81	74.0	-17.00	Peak	43.00	150	Horizontal	Pass
6**	11939.174	47.34	3.81	54.0	-6.66	AV	43.00	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	1163.800	40.84	-16.32	74.0	-33.16	Peak	273.00	150	Vertical	Pass
1**	1163.800	27.74	-16.32	54.0	-26.26	AV	273.00	150	Vertical	Pass
2	1536.900	41.85	-15.19	74.0	-32.15	Peak	131.00	150	Vertical	Pass
2**	1536.900	32.04	-15.19	54.0	-21.96	AV	131.00	150	Vertical	Pass
3	4046.750	49.82	-2.06	74.0	-24.18	Peak	108.00	150	Vertical	Pass
3**	4046.750	40.62	-2.06	54.0	-13.38	AV	108.00	150	Vertical	Pass
4	5205.500	92.49	0.43	--	-15.51	Peak	108.00	150	Vertical	N/A
4**	5205.500	84.83	0.43	--	84.83	AV	108.00	150	Vertical	N/A
5	8115.900	52.18	-0.00	74.0	-21.82	Peak	19.00	150	Vertical	Pass
5**	8115.900	44.49	-0.00	54.0	-9.51	AV	19.00	150	Vertical	Pass
6	12000.687	56.86	3.86	74.0	-17.14	Peak	41.00	150	Vertical	Pass
6**	12000.687	47.87	3.86	54.0	-6.13	AV	41.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	43.64	-16.34	74.0	-30.36	Peak	9.00	150	Horizontal	Pass
1**	1166.400	28.20	-16.34	54.0	-25.80	AV	9.00	150	Horizontal	Pass
2	1535.700	41.55	-15.12	74.0	-32.45	Peak	167.00	150	Horizontal	Pass
2**	1535.700	31.05	-15.12	54.0	-22.95	AV	167.00	150	Horizontal	Pass
3	4201.000	50.43	-1.41	74.0	-23.57	Peak	254.00	150	Horizontal	Pass
3**	4201.000	41.35	-1.41	54.0	-12.65	AV	254.00	150	Horizontal	Pass
4	5225.000	98.16	0.60	--	-67.84	Peak	166.00	150	Horizontal	N/A
4**	5225.000	90.05	0.60	--	90.05	AV	166.00	150	Horizontal	N/A
5	8138.700	52.59	-0.22	74.0	-21.41	Peak	0.00	150	Horizontal	Pass
5**	8138.700	43.40	-0.22	54.0	-10.60	AV	0.00	150	Horizontal	Pass
6	11951.526	56.64	3.89	74.0	-17.36	Peak	42.00	150	Horizontal	Pass
6**	11951.526	47.62	3.89	54.0	-6.38	AV	42.00	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	1165.900	42.90	-16.33	74.0	-31.10	Peak	360.00	150	Vertical	Pass
1**	1165.900	28.72	-16.33	54.0	-25.28	AV	360.00	150	Vertical	Pass
2	1552.100	42.43	-15.28	74.0	-31.57	Peak	123.00	150	Vertical	Pass
2**	1552.100	31.03	-15.28	54.0	-22.97	AV	123.00	150	Vertical	Pass
3	4044.500	50.26	-1.87	74.0	-23.74	Peak	264.00	150	Vertical	Pass
3**	4044.500	41.12	-1.87	54.0	-12.88	AV	264.00	150	Vertical	Pass
4	5216.500	92.17	0.54	--	-16.83	Peak	109.00	150	Vertical	N/A
4**	5216.500	84.71	0.54	--	84.71	AV	109.00	150	Vertical	N/A
5	8271.938	52.52	0.00	74.0	-21.48	Peak	229.00	150	Vertical	Pass
5**	8271.938	43.00	0.00	54.0	-11.00	AV	229.00	150	Vertical	Pass
6	11965.300	56.70	3.89	74.0	-17.30	Peak	95.00	150	Vertical	Pass
6**	11965.300	48.58	3.89	54.0	-5.42	AV	95.00	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	1200.500	41.59	-16.09	74.0	-32.41	Peak	265.00	150	Horizontal	Pass
1**	1200.500	28.53	-16.09	54.0	-25.47	AV	265.00	150	Horizontal	Pass
2	1399.300	43.97	-15.01	74.0	-30.03	Peak	210.00	150	Horizontal	Pass
2**	1399.300	29.52	-15.01	54.0	-24.48	AV	210.00	150	Horizontal	Pass
3	3830.500	49.12	-2.77	74.0	-24.88	Peak	261.00	150	Horizontal	Pass
3**	3830.500	40.03	-2.77	54.0	-13.97	AV	261.00	150	Horizontal	Pass
4	5219.000	95.80	0.63	--	-69.20	Peak	165.00	150	Horizontal	N/A
4**	5219.000	87.44	0.63	--	87.44	AV	165.00	150	Horizontal	N/A
5	8095.237	52.97	-0.15	74.0	-21.03	Peak	207.00	150	Horizontal	Pass
5**	8095.237	43.92	-0.15	54.0	-10.08	AV	207.00	150	Horizontal	Pass
6	11043.562	56.81	3.09	74.0	-17.19	Peak	308.00	150	Horizontal	Pass
6**	11043.562	46.48	3.09	54.0	-7.52	AV	308.00	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	1163.300	42.72	-16.33	74.0	-31.28	Peak	256.00	150	Vertical	Pass
1**	1163.300	29.62	-16.33	54.0	-24.38	AV	256.00	150	Vertical	Pass
2	1570.400	41.17	-15.50	74.0	-32.83	Peak	84.00	150	Vertical	Pass
2**	1570.400	31.52	-15.50	54.0	-22.48	AV	84.00	150	Vertical	Pass
3	3848.750	49.53	-3.22	74.0	-24.47	Peak	277.00	150	Vertical	Pass
3**	3848.750	39.72	-3.22	54.0	-14.28	AV	277.00	150	Vertical	Pass
4	5175.250	89.61	0.68	--	-19.39	Peak	109.00	150	Vertical	N/A
4**	5175.250	81.40	0.68	--	81.40	AV	109.00	150	Vertical	N/A
5	8090.487	53.12	-0.30	74.0	-20.88	Peak	137.00	150	Vertical	Pass
5**	8090.487	43.56	-0.30	54.0	-10.44	AV	137.00	150	Vertical	Pass
6	11913.050	56.81	3.63	74.0	-17.19	Peak	148.00	150	Vertical	Pass
6**	11913.050	47.45	3.63	54.0	-6.55	AV	148.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.800	45.76	-16.33	74.0	-28.24	Peak	360.00	100	Horizontal	Pass
1**	1162.800	28.80	-16.33	54.0	-25.20	AV	360.00	100	Horizontal	Pass
2	1536.800	41.61	-15.18	74.0	-32.39	Peak	163.00	100	Horizontal	Pass
2**	1536.800	30.38	-15.18	54.0	-23.62	AV	163.00	100	Horizontal	Pass
3	2855.000	48.41	-6.99	74.0	-25.59	Peak	301.00	100	Horizontal	Pass
3**	2855.000	36.31	-6.99	54.0	-17.69	AV	301.00	100	Horizontal	Pass
4	5739.000	102.36	1.32	--	-104.64	Peak	207.00	100	Horizontal	N/A
4**	5739.000	94.39	1.32	--	94.39	AV	207.00	100	Horizontal	N/A
5	8209.000	51.92	-0.24	74.0	-22.08	Peak	276.00	100	Horizontal	Pass
5**	8209.000	42.92	-0.24	54.0	-11.08	AV	276.00	100	Horizontal	Pass
6	11982.638	57.05	3.88	74.0	-16.95	Peak	11.00	100	Horizontal	Pass
6**	11982.638	47.84	3.88	54.0	-6.16	AV	11.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.300	40.84	-16.15	74.0	-33.16	Peak	251.00	150	Vertical	Pass
1**	1197.300	28.60	-16.15	54.0	-25.40	AV	251.00	150	Vertical	Pass
2	1538.200	41.69	-15.29	74.0	-32.31	Peak	101.00	150	Vertical	Pass
2**	1538.200	31.20	-15.29	54.0	-22.80	AV	101.00	150	Vertical	Pass
3	4133.750	50.33	-2.50	74.0	-23.67	Peak	77.00	150	Vertical	Pass
3**	4133.750	40.99	-2.50	54.0	-13.01	AV	77.00	150	Vertical	Pass
4	5752.000	96.21	1.57	--	-12.79	Peak	109.00	150	Vertical	N/A
4**	5752.000	89.03	1.57	--	89.03	AV	109.00	150	Vertical	N/A
5	8350.787	52.12	-0.21	74.0	-21.88	Peak	67.00	150	Vertical	Pass
5**	8350.787	43.49	-0.21	54.0	-10.51	AV	67.00	150	Vertical	Pass
6	11904.737	56.95	3.57	74.0	-17.05	Peak	12.00	150	Vertical	Pass
6**	11904.737	47.38	3.57	54.0	-6.62	AV	12.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	42.89	-16.34	74.0	-31.11	Peak	7.00	150	Horizontal	Pass
1**	1166.300	28.31	-16.34	54.0	-25.69	AV	7.00	150	Horizontal	Pass
2	1551.100	40.73	-15.28	74.0	-33.27	Peak	158.00	150	Horizontal	Pass
2**	1551.100	30.85	-15.28	54.0	-23.15	AV	158.00	150	Horizontal	Pass
3	2793.500	48.86	-6.81	74.0	-25.14	Peak	131.00	150	Horizontal	Pass
3**	2793.500	36.36	-6.81	54.0	-17.64	AV	131.00	150	Horizontal	Pass
4	5789.500	102.06	1.67	--	-79.94	Peak	182.00	150	Horizontal	N/A
4**	5789.500	94.50	1.67	--	94.50	AV	182.00	150	Horizontal	N/A
5	8123.025	53.31	0.19	74.0	-20.69	Peak	342.00	150	Horizontal	Pass
5**	8123.025	44.17	0.19	54.0	-9.83	AV	342.00	150	Horizontal	Pass
6	11905.688	56.53	3.58	74.0	-17.47	Peak	176.00	150	Horizontal	Pass
6**	11905.688	47.67	3.58	54.0	-6.33	AV	176.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.100	40.85	-16.09	74.0	-33.15	Peak	150.00	150	Vertical	Pass
1**	1200.100	28.63	-16.09	54.0	-25.37	AV	150.00	150	Vertical	Pass
2	2326.100	45.48	-10.11	74.0	-28.52	Peak	214.00	150	Vertical	Pass
2**	2326.100	34.24	-10.11	54.0	-19.76	AV	214.00	150	Vertical	Pass
3	4067.500	49.78	-2.75	74.0	-24.22	Peak	343.00	150	Vertical	Pass
3**	4067.500	40.43	-2.75	54.0	-13.57	AV	343.00	150	Vertical	Pass
4	5790.000	95.96	1.70	--	2.96	Peak	93.00	150	Vertical	N/A
4**	5790.000	88.65	1.70	--	88.65	AV	93.00	150	Vertical	N/A
5	8128.250	53.35	0.32	74.0	-20.65	Peak	153.00	150	Vertical	Pass
5**	8128.250	43.33	0.32	54.0	-10.67	AV	153.00	150	Vertical	Pass
6	11985.013	57.03	3.88	74.0	-16.97	Peak	331.00	150	Vertical	Pass
6**	11985.013	47.53	3.88	54.0	-6.47	AV	331.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.400	43.77	-16.32	74.0	-30.23	Peak	93.00	150	Horizontal	Pass
1**	1164.400	28.94	-16.32	54.0	-25.06	AV	93.00	150	Horizontal	Pass
2	1557.300	41.55	-15.16	74.0	-32.45	Peak	161.00	150	Horizontal	Pass
2**	1557.300	31.35	-15.16	54.0	-22.65	AV	161.00	150	Horizontal	Pass
3	3764.500	49.46	-3.52	74.0	-24.54	Peak	70.00	150	Horizontal	Pass
3**	3764.500	39.29	-3.52	54.0	-14.71	AV	70.00	150	Horizontal	Pass
4	5818.250	102.41	2.10	--	-80.59	Peak	183.00	150	Horizontal	N/A
4**	5818.250	94.44	2.10	--	94.44	AV	183.00	150	Horizontal	N/A
5	8126.112	53.12	0.27	74.0	-20.88	Peak	330.00	150	Horizontal	Pass
5**	8126.112	43.82	0.27	54.0	-10.18	AV	330.00	150	Horizontal	Pass
6	11909.488	56.88	3.60	74.0	-17.12	Peak	31.00	150	Horizontal	Pass
6**	11909.488	47.39	3.60	54.0	-6.61	AV	31.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.300	39.83	-16.20	74.0	-34.17	Peak	68.00	150	Vertical	Pass
1**	1196.300	28.80	-16.20	54.0	-25.20	AV	68.00	AC	Vertical	Pass
2	1556.200	41.89	-15.18	74.0	-32.11	Peak	121.00	150	Vertical	Pass
2**	1556.200	31.51	-15.18	54.0	-22.49	AV	121.00	150	Vertical	Pass
3	2796.500	46.49	-6.84	74.0	-27.51	Peak	149.00	150	Vertical	Pass
3**	2796.500	37.01	-6.84	54.0	-16.99	AV	149.00	150	Vertical	Pass
4	5820.000	95.55	2.05	--	-13.45	Peak	109.00	150	Vertical	N/A
4**	5820.000	88.18	2.05	--	88.18	AV	109.00	150	Vertical	N/A
5	8389.975	52.51	-0.31	74.0	-21.49	Peak	88.00	150	Vertical	Pass
5**	8389.975	42.53	-0.31	54.0	-11.47	AV	88.00	150	Vertical	Pass
6	11929.437	56.66	3.74	74.0	-17.34	Peak	177.00	150	Vertical	Pass
6**	11929.437	47.69	3.74	54.0	-6.31	AV	177.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	42.34	-16.32	74.0	-31.66	Peak	80.00	150	Horizontal	Pass
1**	1164.100	32.02	-16.32	54.0	-21.98	AV	80.00	150	Horizontal	Pass
2	1538.500	41.51	-15.32	74.0	-32.49	Peak	162.00	150	Horizontal	Pass
2**	1538.500	29.90	-15.32	54.0	-24.10	AV	162.00	150	Horizontal	Pass
3	4198.750	51.02	-1.80	74.0	-22.98	Peak	278.00	150	Horizontal	Pass
3**	4198.750	41.45	-1.80	54.0	-12.55	AV	278.00	150	Horizontal	Pass
4	5750.500	102.71	1.64	--	-79.29	Peak	182.00	150	Horizontal	N/A
4**	5750.500	94.13	1.64	--	94.13	AV	182.00	150	Horizontal	N/A
5	8129.200	52.67	0.32	74.0	-21.33	Peak	97.00	150	Horizontal	Pass
5**	8129.200	43.34	0.32	54.0	-10.66	AV	97.00	150	Horizontal	Pass
6	17796.563	56.70	4.12	74.0	-17.30	Peak	339.00	150	Horizontal	Pass
6**	17796.563	47.77	4.12	54.0	-6.23	AV	339.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.000	41.22	-16.09	74.0	-32.78	Peak	245.00	150	Vertical	Pass
1**	1199.000	28.24	-16.09	54.0	-25.76	AV	245.00	150	Vertical	Pass
2	1599.700	42.58	-15.35	74.0	-31.42	Peak	344.00	150	Vertical	Pass
2**	1599.700	31.99	-15.35	54.0	-22.01	AV	344.00	150	Vertical	Pass
3	4209.750	51.28	-0.54	74.0	-22.72	Peak	69.00	150	Vertical	Pass
3**	4209.750	41.36	-0.54	54.0	-12.64	AV	69.00	150	Vertical	Pass
4	5748.750	95.60	1.57	--	1.60	Peak	94.00	150	Vertical	N/A
4**	5748.750	87.89	1.57	--	87.89	AV	94.00	150	Vertical	N/A
5	8254.125	52.60	0.06	74.0	-21.40	Peak	131.00	150	Vertical	Pass
5**	8254.125	43.23	0.06	54.0	-10.77	AV	131.00	150	Vertical	Pass
6	11961.026	56.73	3.89	74.0	-17.27	Peak	87.00	150	Vertical	Pass
6**	11961.026	47.79	3.89	54.0	-6.21	AV	87.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.900	42.06	-16.32	74.0	-31.94	Peak	278.00	150	Horizontal	Pass
1**	1163.900	30.35	-16.32	54.0	-23.65	AV	278.00	150	Horizontal	Pass
2	2809.100	46.85	-6.82	74.0	-27.15	Peak	186.00	150	Horizontal	Pass
2**	2809.100	36.51	-6.82	54.0	-17.49	AV	186.00	150	Horizontal	Pass
3	4196.000	49.74	-1.95	74.0	-24.26	Peak	289.00	150	Horizontal	Pass
3**	4196.000	41.75	-1.95	54.0	-12.25	AV	289.00	150	Horizontal	Pass
4	5790.500	102.27	1.73	--	-79.73	Peak	182.00	150	Horizontal	N/A
4**	5790.500	93.80	1.73	--	93.80	AV	182.00	150	Horizontal	N/A
5	8134.188	53.11	0.14	74.0	-20.89	Peak	75.00	150	Horizontal	Pass
5**	8134.188	43.96	0.14	54.0	-10.04	AV	75.00	150	Horizontal	Pass
6	11452.775	56.80	2.78	74.0	-17.20	Peak	31.00	150	Horizontal	Pass
6**	11452.775	46.22	2.78	54.0	-7.78	AV	31.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	39.37	-16.33	74.0	-34.63	Peak	281.00	150	Vertical	Pass
1**	1163.000	28.22	-16.33	54.0	-25.78	AV	281.00	150	Vertical	Pass
2	1540.100	41.43	-15.25	74.0	-32.57	Peak	115.00	150	Vertical	Pass
2**	1540.100	31.27	-15.25	54.0	-22.73	AV	115.00	150	Vertical	Pass
3	4007.500	49.69	-2.52	74.0	-24.31	Peak	244.00	150	Vertical	Pass
3**	4007.500	39.62	-2.52	54.0	-14.38	AV	244.00	150	Vertical	Pass
4	5790.250	96.28	1.71	--	4.28	Peak	92.00	150	Vertical	N/A
4**	5790.250	88.44	1.71	--	88.44	AV	92.00	150	Vertical	N/A
5	8116.850	52.87	0.04	74.0	-21.13	Peak	164.00	150	Vertical	Pass
5**	8116.850	43.42	0.04	54.0	-10.58	AV	164.00	150	Vertical	Pass
6	11321.912	56.12	3.00	74.0	-17.88	Peak	8.00	150	Vertical	Pass
6**	11321.912	46.81	3.00	54.0	-7.19	AV	8.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.700	46.68	-16.33	74.0	-27.32	Peak	24.00	150	Horizontal	Pass
1**	1165.700	28.28	-16.33	54.0	-25.72	AV	24.00	150	Horizontal	Pass
2	1552.600	41.41	-15.29	74.0	-32.59	Peak	164.00	150	Horizontal	Pass
2**	1552.600	31.47	-15.29	54.0	-22.53	AV	164.00	150	Horizontal	Pass
3	2834.600	46.82	-6.66	74.0	-27.18	Peak	131.00	150	Horizontal	Pass
3**	2834.600	36.60	-6.66	54.0	-17.40	AV	131.00	150	Horizontal	Pass
4	5829.000	102.50	2.33	--	-79.50	Peak	182.00	150	Horizontal	N/A
4**	5829.000	94.92	2.33	--	94.92	AV	182.00	150	Horizontal	N/A
5	8347.937	52.67	-0.17	74.0	-21.33	Peak	18.00	150	Horizontal	Pass
5**	8347.937	42.81	-0.17	54.0	-11.19	AV	18.00	150	Horizontal	Pass
6	11890.250	56.84	3.47	74.0	-17.16	Peak	361.00	150	Horizontal	Pass
6**	11890.250	47.61	3.47	54.0	-6.39	AV	361.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.700	40.21	-16.32	74.0	-33.79	Peak	275.00	150	Vertical	Pass
1**	1163.700	28.70	-16.32	54.0	-25.30	AV	275.00	150	Vertical	Pass
2	1545.300	41.16	-15.30	74.0	-32.84	Peak	293.00	150	Vertical	Pass
2**	1545.300	31.48	-15.30	54.0	-22.52	AV	293.00	150	Vertical	Pass
3	3835.250	48.65	-2.50	74.0	-25.35	Peak	102.00	150	Vertical	Pass
3**	3835.250	40.75	-2.50	54.0	-13.25	AV	102.00	150	Vertical	Pass
4	5831.500	96.20	2.50	--	-12.80	Peak	109.00	150	Vertical	N/A
4**	5831.500	87.51	2.50	--	87.51	AV	109.00	150	Vertical	N/A
5	8129.200	53.04	0.32	74.0	-20.96	Peak	285.00	150	Vertical	Pass
5**	8129.200	44.00	0.32	54.0	-10.00	AV	285.00	150	Vertical	Pass
6	11976.937	57.12	3.88	74.0	-16.88	Peak	108.00	150	Vertical	Pass
6**	11976.937	47.60	3.88	54.0	-6.40	AV	108.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.400	43.35	-16.32	74.0	-30.65	Peak	353.00	150	Horizontal	Pass
1**	1164.400	28.21	-16.32	54.0	-25.79	AV	353.00	150	Horizontal	Pass
2	1550.200	41.78	-15.35	74.0	-32.22	Peak	161.00	150	Horizontal	Pass
2**	1550.200	30.47	-15.35	54.0	-23.53	AV	161.00	150	Horizontal	Pass
3	4196.250	50.57	-1.95	74.0	-23.43	Peak	109.00	150	Horizontal	Pass
3**	4196.250	41.48	-1.95	54.0	-12.52	AV	109.00	150	Horizontal	Pass
4	5751.000	101.26	1.62	--	-105.74	Peak	207.00	150	Horizontal	N/A
4**	5751.000	94.46	1.62	--	94.46	AV	207.00	150	Horizontal	N/A
5	8122.313	52.53	0.19	74.0	-21.47	Peak	142.00	150	Horizontal	Pass
5**	8122.313	43.66	0.19	54.0	-10.34	AV	142.00	150	Horizontal	Pass
6	11988.813	56.61	3.88	74.0	-17.39	Peak	42.00	150	Horizontal	Pass
6**	11988.813	47.20	3.88	54.0	-6.80	AV	42.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.900	42.04	-16.33	74.0	-31.96	Peak	285.00	150	Vertical	Pass
1**	1162.900	28.06	-16.33	54.0	-25.94	AV	285.00	150	Vertical	Pass
2	2721.100	47.13	-7.46	74.0	-26.87	Peak	147.00	150	Vertical	Pass
2**	2721.100	36.09	-7.46	54.0	-17.91	AV	147.00	150	Vertical	Pass
3	4203.250	50.20	-1.08	74.0	-23.80	Peak	247.00	150	Vertical	Pass
3**	4203.250	42.39	-1.08	54.0	-11.61	AV	247.00	150	Vertical	Pass
4	5751.000	96.39	1.62	--	-4.61	Peak	101.00	150	Vertical	N/A
4**	5751.000	88.68	1.62	--	88.68	AV	101.00	150	Vertical	N/A
5	8312.312	52.40	0.22	74.0	-21.60	Peak	97.00	150	Vertical	Pass
5**	8312.312	43.55	0.22	54.0	-10.45	AV	97.00	150	Vertical	Pass
6	11943.925	56.76	3.85	74.0	-17.24	Peak	119.00	150	Vertical	Pass
6**	11943.925	47.81	3.85	54.0	-6.19	AV	119.00	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	1164.500	41.71	-16.32	74.0	-32.29	Peak	217.00	150	Horizontal	Pass
1**	1164.500	28.54	-16.32	54.0	-25.46	AV	217.00	150	Horizontal	Pass
2	1560.600	41.50	-15.40	74.0	-32.50	Peak	163.00	150	Horizontal	Pass
2**	1560.600	31.02	-15.40	54.0	-22.98	AV	163.00	150	Horizontal	Pass
3	2829.300	46.86	-6.44	74.0	-27.14	Peak	281.00	150	Horizontal	Pass
3**	2829.300	36.57	-6.44	54.0	-17.43	AV	281.00	150	Horizontal	Pass
4	4051.500	50.33	-2.45	74.0	-23.67	Peak	110.00	150	Horizontal	Pass
4**	4051.500	40.71	-2.45	54.0	-13.29	AV	110.00	150	Horizontal	Pass
5	5797.750	101.65	1.72	--	-80.35	Peak	182.00	150	Horizontal	N/A
5**	5797.750	94.70	1.72	--	94.70	AV	182.00	150	Horizontal	N/A
6	8142.263	53.12	-0.17	74.0	-20.88	Peak	285.00	150	Horizontal	Pass
6**	8142.263	43.34	-0.17	54.0	-10.66	AV	285.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.900	40.75	-16.09	74.0	-33.25	Peak	122.00	150	Vertical	Pass
1**	1198.900	28.43	-16.09	54.0	-25.57	AV	122.00	150	Vertical	Pass
2	1544.700	42.44	-15.28	74.0	-31.56	Peak	126.00	150	Vertical	Pass
2**	1544.700	31.63	-15.28	54.0	-22.37	AV	126.00	150	Vertical	Pass
3	3669.750	49.28	-4.17	74.0	-24.72	Peak	45.00	150	Vertical	Pass
3**	3669.750	39.55	-4.17	54.0	-14.45	AV	45.00	150	Vertical	Pass
4	5792.500	95.71	1.84	--	-14.29	Peak	110.00	150	Vertical	N/A
4**	5792.500	88.17	1.84	--	88.17	AV	110.00	150	Vertical	N/A
5	8128.963	53.16	0.32	74.0	-20.84	Peak	118.00	150	Vertical	Pass
5**	8128.963	44.30	0.32	54.0	-9.70	AV	118.00	150	Vertical	Pass
6	17827.275	56.57	3.33	74.0	-17.43	Peak	100.00	150	Vertical	Pass
6**	17827.275	47.52	3.33	54.0	-6.48	AV	100.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.400	42.63	-16.32	74.0	-31.37	Peak	274.00	150	Horizontal	Pass
1**	1167.400	28.41	-16.32	54.0	-25.59	AV	274.00	150	Horizontal	Pass
2	2805.600	46.60	-6.94	74.0	-27.40	Peak	345.00	150	Horizontal	Pass
2**	2805.600	36.66	-6.94	54.0	-17.34	AV	345.00	150	Horizontal	Pass
3	3739.250	49.44	-2.58	74.0	-24.56	Peak	278.00	150	Horizontal	Pass
3**	3739.250	39.50	-2.58	54.0	-14.50	AV	278.00	150	Horizontal	Pass
4	5752.750	102.19	1.53	--	-79.81	Peak	182.00	150	Horizontal	N/A
4**	5752.750	94.26	1.53	--	94.26	AV	182.00	150	Horizontal	N/A
5	8126.112	53.21	0.27	74.0	-20.79	Peak	221.00	150	Horizontal	Pass
5**	8126.112	44.17	0.27	54.0	-9.83	AV	221.00	150	Horizontal	Pass
6	11971.951	56.92	3.88	74.0	-17.08	Peak	265.00	150	Horizontal	Pass
6**	11971.951	47.11	3.88	54.0	-6.89	AV	265.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.600	41.50	-14.98	74.0	-32.50	Peak	120.00	150	Vertical	Pass
1**	1397.600	29.49	-14.98	54.0	-24.51	AV	120.00	150	Vertical	Pass
2	1594.900	42.36	-15.18	74.0	-31.64	Peak	106.00	150	Vertical	Pass
2**	1594.900	30.66	-15.18	54.0	-23.34	AV	106.00	150	Vertical	Pass
3	4197.500	50.61	-1.90	74.0	-23.39	Peak	111.00	150	Vertical	Pass
3**	4197.500	40.83	-1.90	54.0	-13.17	AV	111.00	150	Vertical	Pass
4	5750.500	96.64	1.64	--	2.64	Peak	94.00	150	Vertical	N/A
4**	5750.500	88.68	1.64	--	88.68	AV	94.00	150	Vertical	N/A
5	8136.088	52.94	0.15	74.0	-21.06	Peak	19.00	150	Vertical	Pass
5**	8136.088	43.71	0.15	54.0	-10.29	AV	19.00	150	Vertical	Pass
6	11906.400	56.86	3.58	74.0	-17.14	Peak	297.00	150	Vertical	Pass
6**	11906.400	47.33	3.58	54.0	-6.67	AV	297.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.700	43.80	-16.32	74.0	-30.20	Peak	168.00	150	Horizontal	Pass
1**	1164.700	27.69	-16.32	54.0	-26.31	AV	168.00	150	Horizontal	Pass
2	1395.200	40.42	-15.12	74.0	-33.58	Peak	331.00	150	Horizontal	Pass
2**	1395.200	29.33	-15.12	54.0	-24.67	AV	331.00	150	Horizontal	Pass
3	2279.700	44.88	-10.22	74.0	-29.12	Peak	60.00	150	Horizontal	Pass
3**	2279.700	34.15	-10.22	54.0	-19.85	AV	60.00	150	Horizontal	Pass
4	3993.750	50.38	-2.88	74.0	-23.62	Peak	91.00	150	Horizontal	Pass
4**	3993.750	40.76	-2.88	54.0	-13.24	AV	91.00	150	Horizontal	Pass
5	5792.250	102.38	1.82	--	-75.62	Peak	178.00	150	Horizontal	N/A
5**	5792.250	94.90	1.82	--	94.90	AV	178.00	150	Horizontal	N/A
6	8232.987	51.21	-0.20	74.0	-22.79	Peak	360.00	150	Horizontal	Pass
6**	8232.987	42.87	-0.20	54.0	-11.13	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.700	39.63	-16.09	74.0	-34.37	Peak	260.00	150	Vertical	Pass
1**	1198.700	29.29	-16.09	54.0	-24.71	AV	260.00	150	Vertical	Pass
2	1532.300	40.99	-15.20	74.0	-33.01	Peak	119.00	150	Vertical	Pass
2**	1532.300	31.63	-15.20	54.0	-22.37	AV	119.00	150	Vertical	Pass
3	2794.600	46.78	-6.73	74.0	-27.22	Peak	328.00	150	Vertical	Pass
3**	2794.600	36.51	-6.73	54.0	-17.49	AV	328.00	150	Vertical	Pass
4	4677.000	53.40	-0.12	74.0	-20.60	Peak	65.00	150	Vertical	Pass
4**	4677.000	43.43	-0.12	54.0	-10.57	AV	65.00	150	Vertical	Pass
5	5779.500	96.23	1.39	--	-8.77	Peak	105.00	150	Vertical	N/A
5**	5779.500	88.53	1.39	--	88.53	AV	105.00	150	Vertical	N/A
6	8321.100	52.34	0.12	74.0	-21.66	Peak	0.00	150	Vertical	Pass
6**	8321.100	42.98	0.12	54.0	-11.02	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	43.16	-16.32	74.0	-30.84	Peak	247.00	150	Horizontal	Pass
1**	1164.100	28.42	-16.32	54.0	-25.58	AV	247.00	150	Horizontal	Pass
2	1497.800	40.56	-15.18	74.0	-33.44	Peak	247.00	150	Horizontal	Pass
2**	1497.800	29.30	-15.18	54.0	-24.70	AV	247.00	150	Horizontal	Pass
3	2259.500	44.64	-9.65	74.0	-29.36	Peak	214.00	150	Horizontal	Pass
3**	2259.500	34.18	-9.65	54.0	-19.82	AV	214.00	150	Horizontal	Pass
4	4045.250	50.49	-1.93	74.0	-23.51	Peak	74.00	150	Horizontal	Pass
4**	4045.250	40.71	-1.93	54.0	-13.29	AV	74.00	150	Horizontal	Pass
5	5831.500	102.98	2.50	--	-75.02	Peak	178.00	150	Horizontal	N/A
5**	5831.500	95.25	2.50	--	95.25	AV	178.00	150	Horizontal	N/A
6	8310.888	51.95	0.11	74.0	-22.05	Peak	342.00	150	Horizontal	Pass
6**	8310.888	42.87	0.11	54.0	-11.13	AV	342.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.300	41.60	-16.09	74.0	-32.40	Peak	171.00	150	Vertical	Pass
1**	1199.300	28.29	-16.09	54.0	-25.71	AV	171.00	150	Vertical	Pass
2	2271.500	44.33	-9.43	74.0	-29.67	Peak	152.00	150	Vertical	Pass
2**	2271.500	34.95	-9.43	54.0	-19.05	AV	152.00	150	Vertical	Pass
3	2830.400	47.32	-6.34	74.0	-26.68	Peak	302.00	150	Vertical	Pass
3**	2830.400	36.68	-6.34	54.0	-17.32	AV	302.00	150	Vertical	Pass
4	4050.500	50.57	-2.37	74.0	-23.43	Peak	163.00	150	Vertical	Pass
4**	4050.500	41.13	-2.37	54.0	-12.87	AV	163.00	150	Vertical	Pass
5	5817.500	95.92	2.12	--	-4.08	Peak	100.00	150	Vertical	N/A
5**	5817.500	88.31	2.12	--	88.31	AV	100.00	150	Vertical	N/A
6	8264.813	52.27	0.09	74.0	-21.73	Peak	107.00	150	Vertical	Pass
6**	8264.813	43.04	0.09	54.0	-10.96	AV	107.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	43.25	-16.33	74.0	-30.75	Peak	0.00	150	Horizontal	Pass
1**	1163.000	28.42	-16.33	54.0	-25.58	AV	0.00	150	Horizontal	Pass
2	1396.900	41.14	-15.00	74.0	-32.86	Peak	329.00	150	Horizontal	Pass
2**	1396.900	29.31	-15.00	54.0	-24.69	AV	329.00	150	Horizontal	Pass
3	2260.500	44.61	-9.67	74.0	-29.39	Peak	353.00	150	Horizontal	Pass
3**	2260.500	34.24	-9.67	54.0	-19.76	AV	353.00	150	Horizontal	Pass
4	4204.750	50.87	-0.89	74.0	-23.13	Peak	171.00	150	Horizontal	Pass
4**	4204.750	42.86	-0.89	54.0	-11.14	AV	171.00	150	Horizontal	Pass
5	5752.000	101.66	1.57	--	-76.34	Peak	178.00	150	Horizontal	N/A
5**	5752.000	93.35	1.57	--	93.35	AV	178.00	150	Horizontal	N/A
6	8313.500	51.79	0.24	74.0	-22.21	Peak	341.00	150	Horizontal	Pass
6**	8313.500	43.01	0.24	54.0	-10.99	AV	341.00	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	1163.900	41.17	-16.32	74.0	-32.83	Peak	150.00	150	Vertical	Pass
1**	1163.900	27.95	-16.32	54.0	-26.05	AV	150.00	150	Vertical	Pass
2	1392.700	40.18	-15.27	74.0	-33.82	Peak	210.00	150	Vertical	Pass
2**	1392.700	29.70	-15.27	54.0	-24.30	AV	210.00	150	Vertical	Pass
3	2286.800	45.70	-10.26	74.0	-28.30	Peak	362.00	150	Vertical	Pass
3**	2286.800	34.67	-10.26	54.0	-19.33	AV	362.00	150	Vertical	Pass
4	2835.600	47.16	-6.72	74.0	-26.84	Peak	159.00	150	Vertical	Pass
4**	2835.600	36.70	-6.72	54.0	-17.30	AV	159.00	150	Vertical	Pass
5	5763.000	93.92	1.13	--	-15.08	Peak	109.00	150	Vertical	N/A
5**	5763.000	86.10	1.13	--	86.10	AV	109.00	150	Vertical	N/A
6	8362.900	52.12	-0.35	74.0	-21.88	Peak	176.00	150	Vertical	Pass
6**	8362.900	43.11	-0.35	54.0	-10.89	AV	176.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.400	45.09	-16.33	74.0	-28.91	Peak	82.00	150	Horizontal	Pass
1**	1163.400	27.95	-16.33	54.0	-26.05	AV	82.00	150	Horizontal	Pass
2	1362.800	39.54	-15.52	74.0	-34.46	Peak	328.00	150	Horizontal	Pass
2**	1362.800	29.55	-15.52	54.0	-24.45	AV	328.00	150	Horizontal	Pass
3	2345.900	45.12	-8.79	74.0	-28.88	Peak	113.00	150	Horizontal	Pass
3**	2345.900	34.58	-8.79	54.0	-19.42	AV	113.00	150	Horizontal	Pass
4	4035.250	49.78	-1.79	74.0	-24.22	Peak	268.00	150	Horizontal	Pass
4**	4035.250	41.19	-1.79	54.0	-12.81	AV	268.00	150	Horizontal	Pass
5	5792.500	102.08	1.84	--	-85.92	Peak	188.00	150	Horizontal	N/A
5**	5792.500	94.42	1.84	--	94.42	AV	188.00	150	Horizontal	N/A
6	8331.075	52.41	-0.27	74.0	-21.59	Peak	142.00	150	Horizontal	Pass
6**	8331.075	43.04	-0.27	54.0	-10.96	AV	142.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.000	41.25	-16.32	74.0	-32.75	Peak	269.00	150	Vertical	Pass
1**	1164.000	28.18	-16.32	54.0	-25.82	AV	269.00	150	Vertical	Pass
2	1535.700	40.29	-15.12	74.0	-33.71	Peak	119.00	150	Vertical	Pass
2**	1535.700	30.56	-15.12	54.0	-23.44	AV	119.00	150	Vertical	Pass
3	2266.600	44.72	-9.39	74.0	-29.28	Peak	360.00	150	Vertical	Pass
3**	2266.600	34.61	-9.39	54.0	-19.39	AV	360.00	150	Vertical	Pass
4	4050.250	49.66	-2.35	74.0	-24.34	Peak	84.00	150	Vertical	Pass
4**	4050.250	41.23	-2.35	54.0	-12.77	AV	84.00	150	Vertical	Pass
5	5800.750	95.15	1.67	--	-12.85	Peak	108.00	150	Vertical	N/A
5**	5800.750	87.53	1.67	--	87.53	AV	108.00	150	Vertical	N/A
6	8259.588	52.53	-0.07	74.0	-21.47	Peak	152.00	150	Vertical	Pass
6**	8259.588	44.39	-0.07	54.0	-9.61	AV	152.00	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	1163.400	40.65	-16.33	74.0	-33.35	Peak	233.00	150	Horizontal	Pass
1**	1163.400	28.43	-16.33	54.0	-25.57	AV	233.00	150	Horizontal	Pass
2	1398.200	40.60	-14.96	74.0	-33.40	Peak	332.00	150	Horizontal	Pass
2**	1398.200	29.16	-14.96	54.0	-24.84	AV	332.00	150	Horizontal	Pass
3	2267.700	44.87	-9.41	74.0	-29.13	Peak	56.00	150	Horizontal	Pass
3**	2267.700	34.73	-9.41	54.0	-19.27	AV	56.00	150	Horizontal	Pass
4	3921.750	49.64	-2.28	74.0	-24.36	Peak	268.00	150	Horizontal	Pass
4**	3921.750	39.86	-2.28	54.0	-14.14	AV	268.00	150	Horizontal	Pass
5	5748.750	96.86	1.57	--	-83.14	Peak	180.00	150	Horizontal	N/A
5**	5748.750	89.20	1.57	--	89.20	AV	180.00	150	Horizontal	N/A
6	8267.425	52.22	0.02	74.0	-21.78	Peak	0.00	150	Horizontal	Pass
6**	8267.425	44.34	0.02	54.0	-9.66	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	42.77	-16.33	74.0	-31.23	Peak	254.00	150	Vertical	Pass
1**	1163.000	30.48	-16.33	54.0	-23.52	AV	254.00	150	Vertical	Pass
2	1557.200	40.75	-15.16	74.0	-33.25	Peak	92.00	150	Vertical	Pass
2**	1557.200	29.90	-15.16	54.0	-24.10	AV	92.00	150	Vertical	Pass
3	2264.800	44.59	-9.39	74.0	-29.41	Peak	228.00	150	Vertical	Pass
3**	2264.800	34.14	-9.39	54.0	-19.86	AV	228.00	150	Vertical	Pass
4	3870.500	49.66	-3.50	74.0	-24.34	Peak	157.00	150	Vertical	Pass
4**	3870.500	40.63	-3.50	54.0	-13.37	AV	157.00	150	Vertical	Pass
5	5811.250	91.08	2.09	--	-17.92	Peak	109.00	150	Vertical	N/A
5**	5811.250	83.47	2.09	--	83.47	AV	109.00	150	Vertical	N/A
6	8308.037	51.59	0.32	74.0	-22.41	Peak	122.00	150	Vertical	Pass
6**	8308.037	43.65	0.32	54.0	-10.35	AV	122.00	150	Vertical	Pass

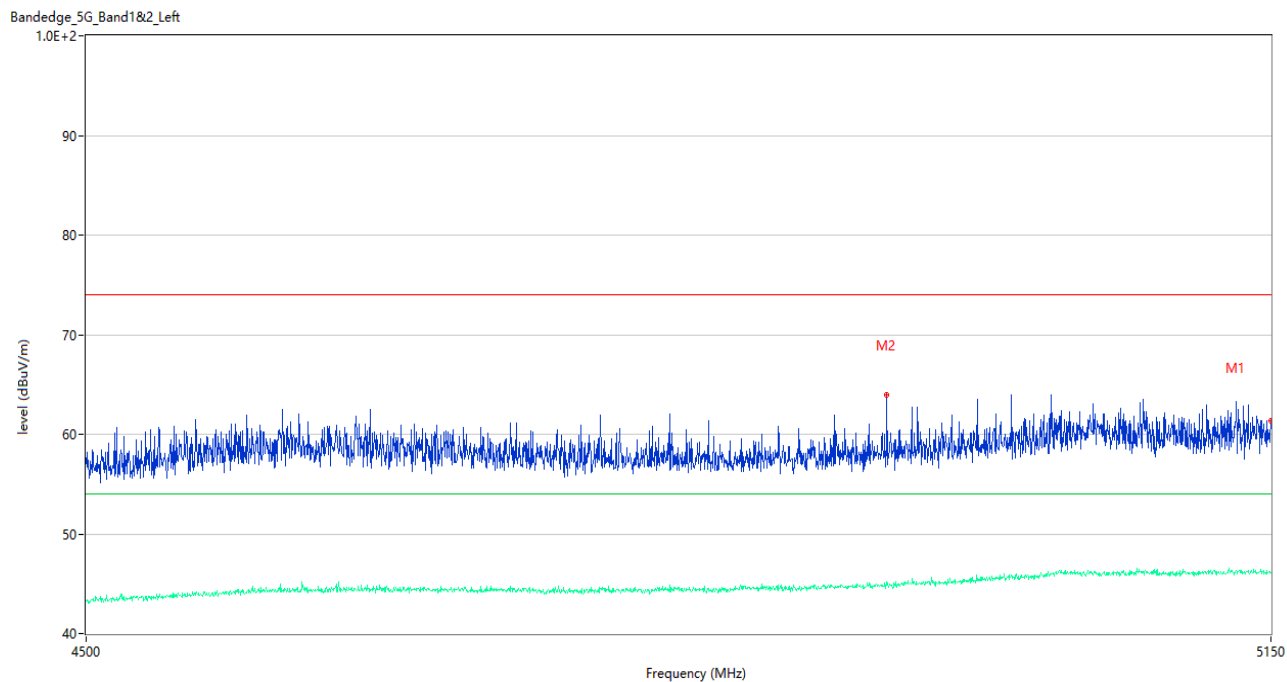
A.6.2 Band Edge (Restricted-band)

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

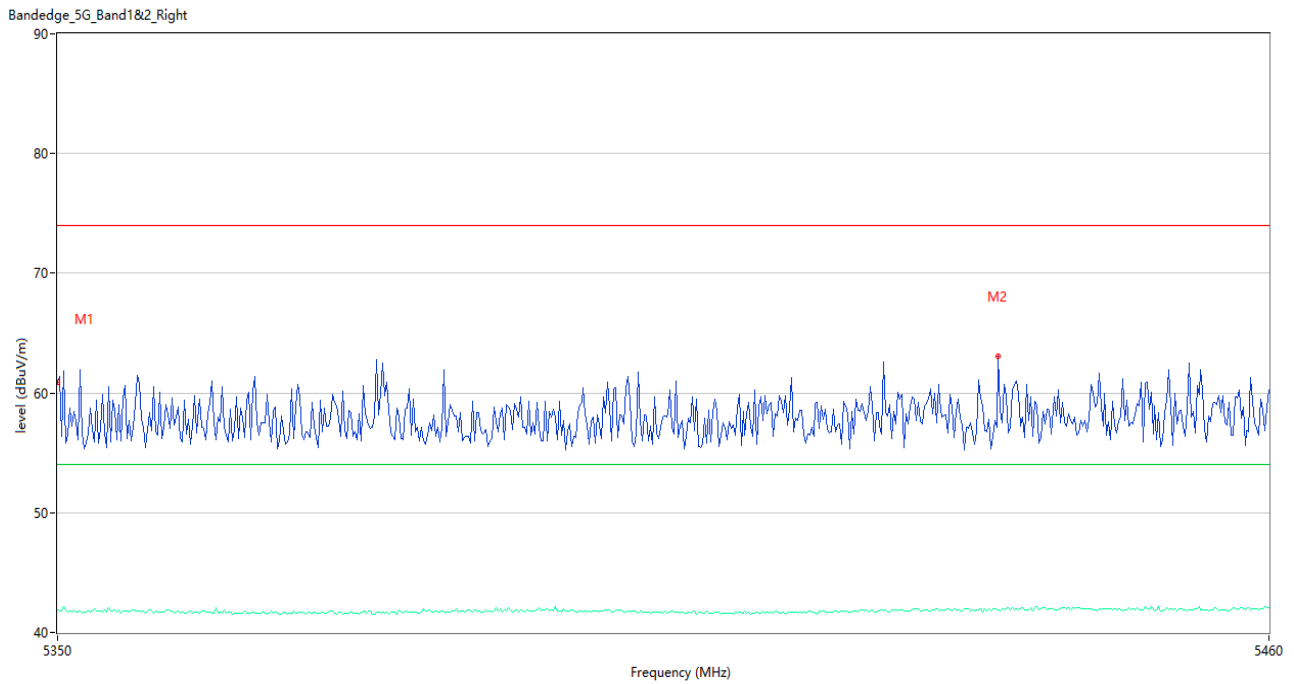
Antenna 0

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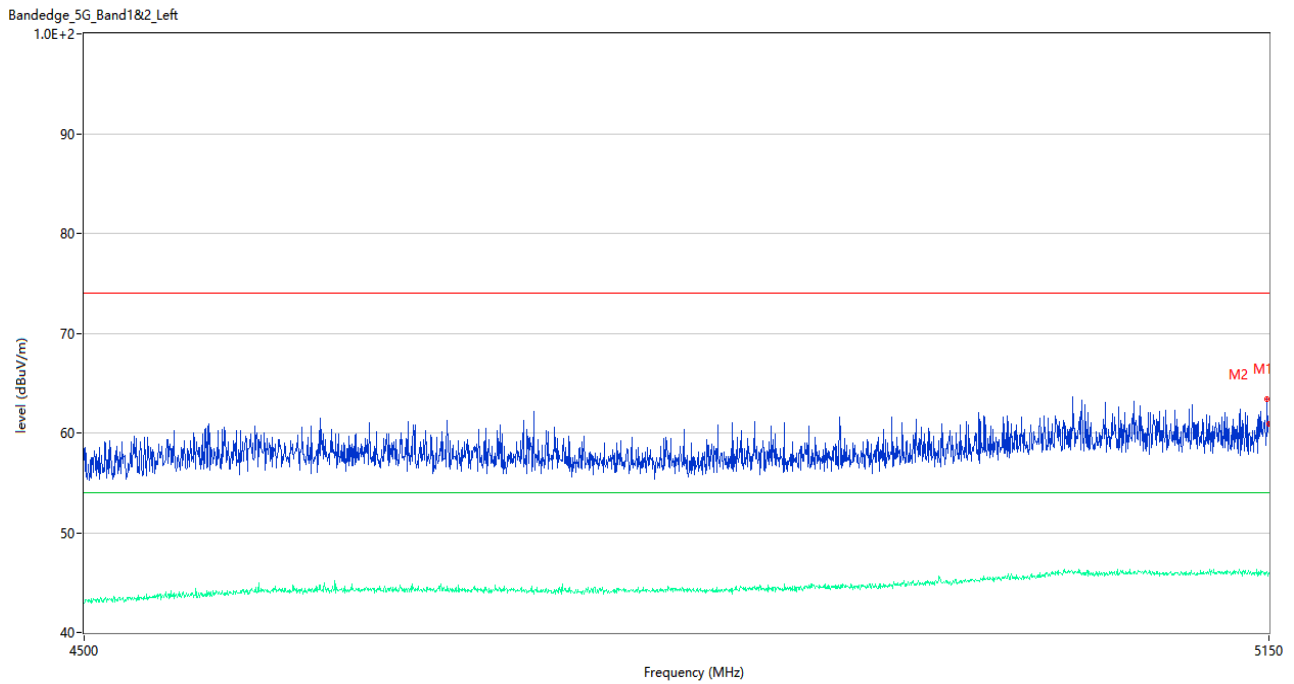
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.38	39.71	74.0	-12.62	Peak	3.00	150	Horizontal	Pass
1**	5150.000	46.05	39.71	54.0	-7.95	AV	3.00	150	Horizontal	Pass
2	4929.650	63.94	39.64	74.0	-10.06	Peak	9.00	150	Horizontal	Pass
2**	4929.650	45.20	39.64	54.0	-8.80	AV	9.00	150	Horizontal	Pass

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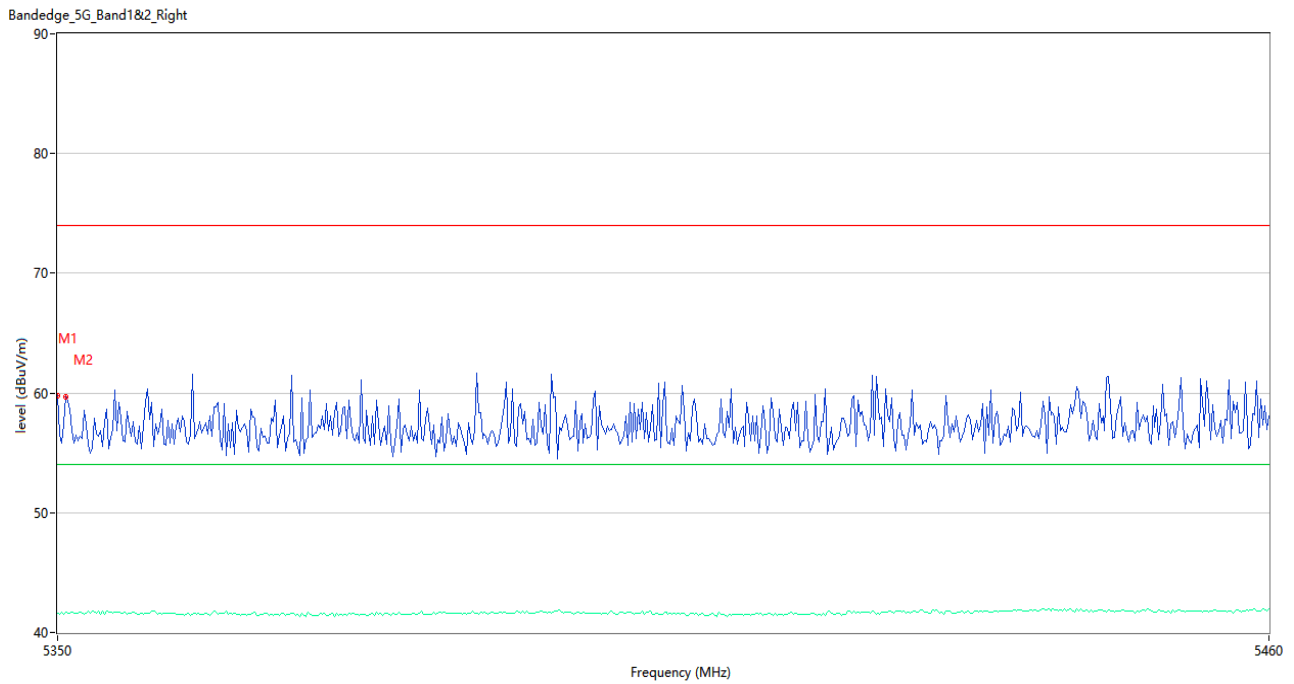
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.93	39.62	74.0	-13.07	Peak	15.00	150	Horizontal	Pass
1**	5350.000	41.85	39.62	54.0	-12.15	AV	15.00	150	Horizontal	Pass
2	5435.250	63.04	39.82	74.0	-10.96	Peak	1.00	150	Horizontal	Pass
2**	5435.250	41.91	39.82	54.0	-12.09	AV	1.00	150	Horizontal	Pass

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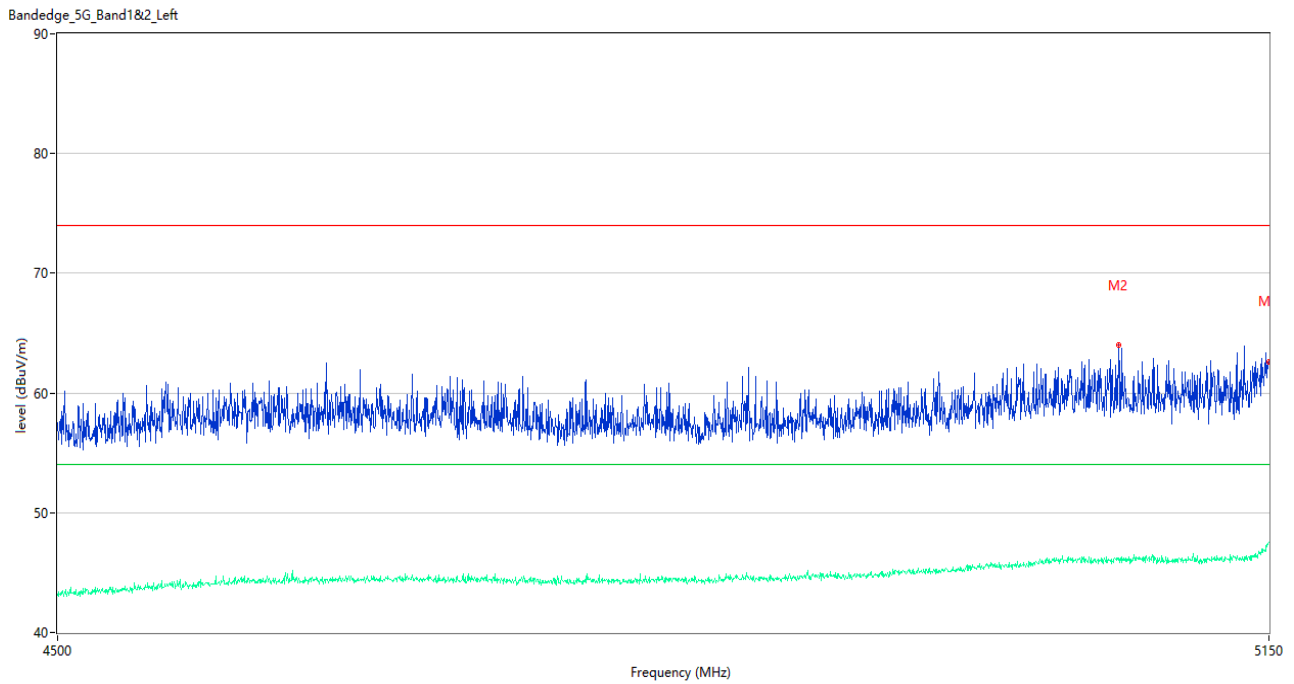
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.92	39.71	74.0	-13.08	Peak	2.00	150	Horizontal	Pass
1**	5150.000	45.95	39.71	54.0	-8.05	AV	2.00	150	Horizontal	Pass
2	5149.025	63.37	39.70	74.0	-10.63	Peak	15.00	150	Horizontal	Pass
2**	5149.025	46.16	39.70	54.0	-7.84	AV	15.00	150	Horizontal	Pass

U-NII-1 11n20 CH48



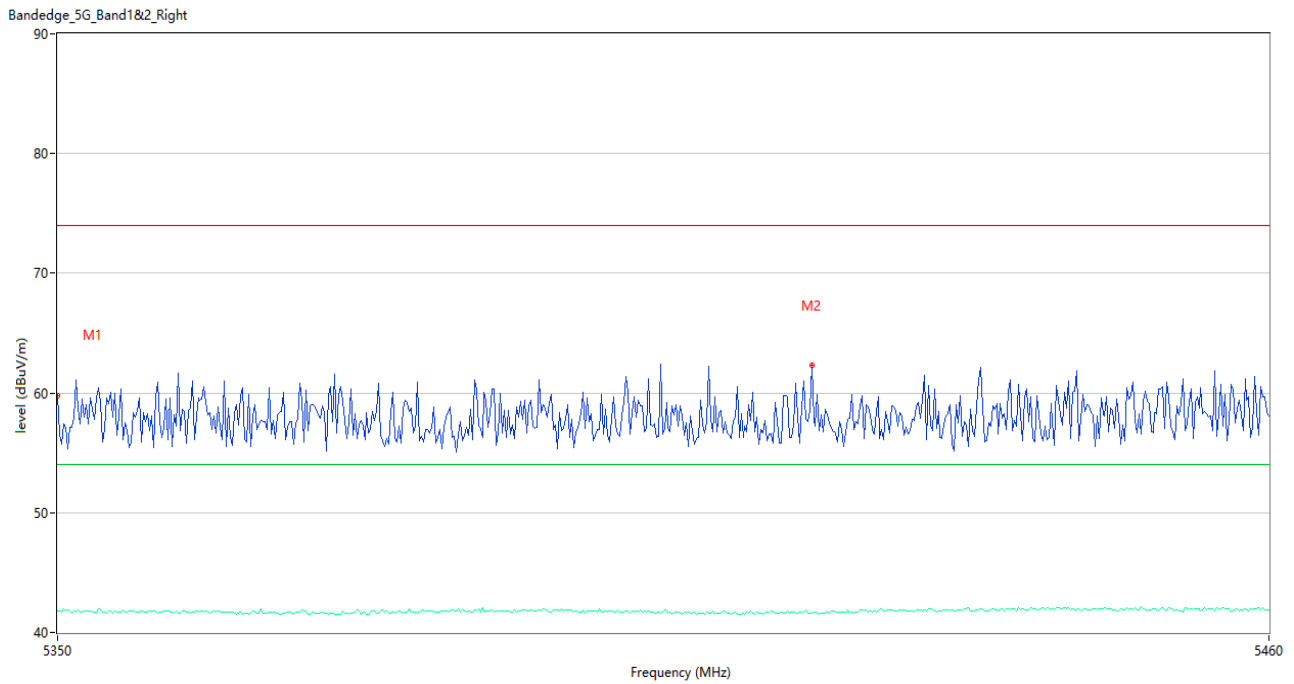
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.74	39.62	74.0	-14.26	Peak	12.00	150	Horizontal	Pass
1**	5350.000	41.58	39.62	54.0	-12.42	AV	12.00	150	Horizontal	Pass
2	5350.733	59.67	39.62	74.0	-14.33	Peak	13.00	150	Horizontal	Pass
2**	5350.733	41.67	39.62	54.0	-12.33	AV	13.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



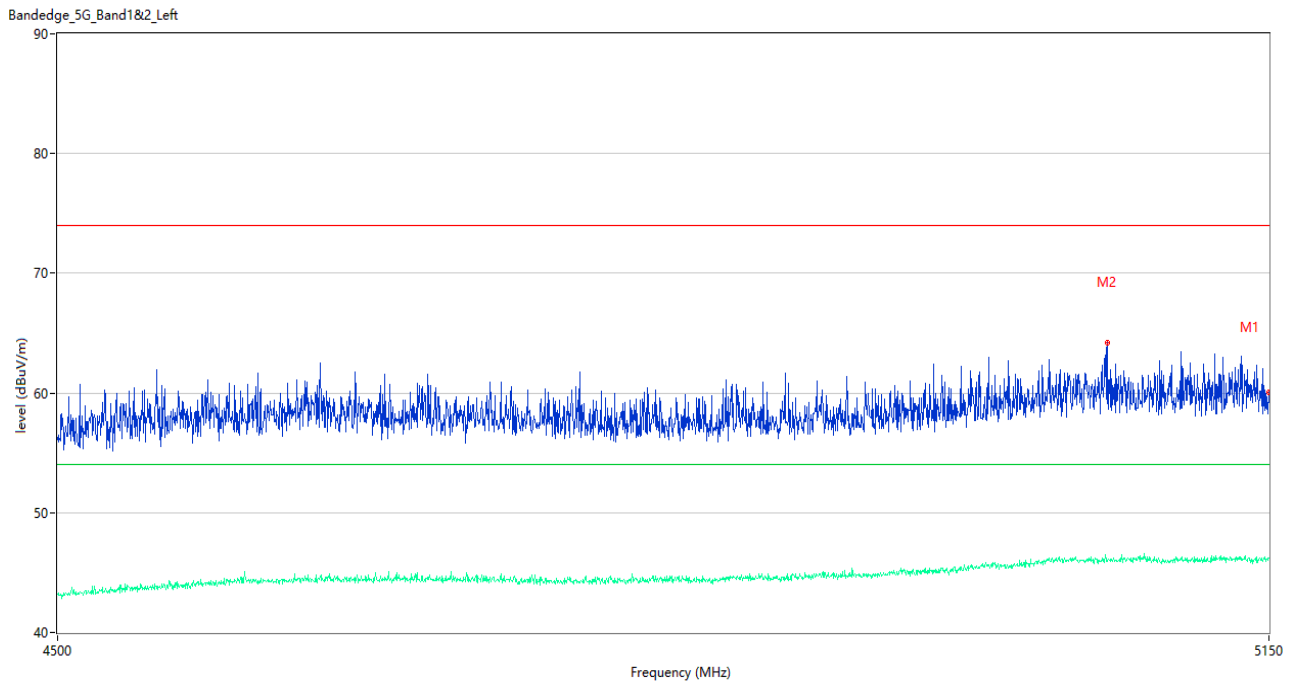
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.59	39.71	74.0	-11.41	Peak	5.00	150	Horizontal	Pass
1**	5150.000	47.52	39.71	54.0	-6.48	AV	5.00	150	Horizontal	Pass
2	5064.525	63.97	39.81	74.0	-10.03	Peak	10.00	150	Horizontal	Pass
2**	5064.525	46.21	39.81	54.0	-7.79	AV	10.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



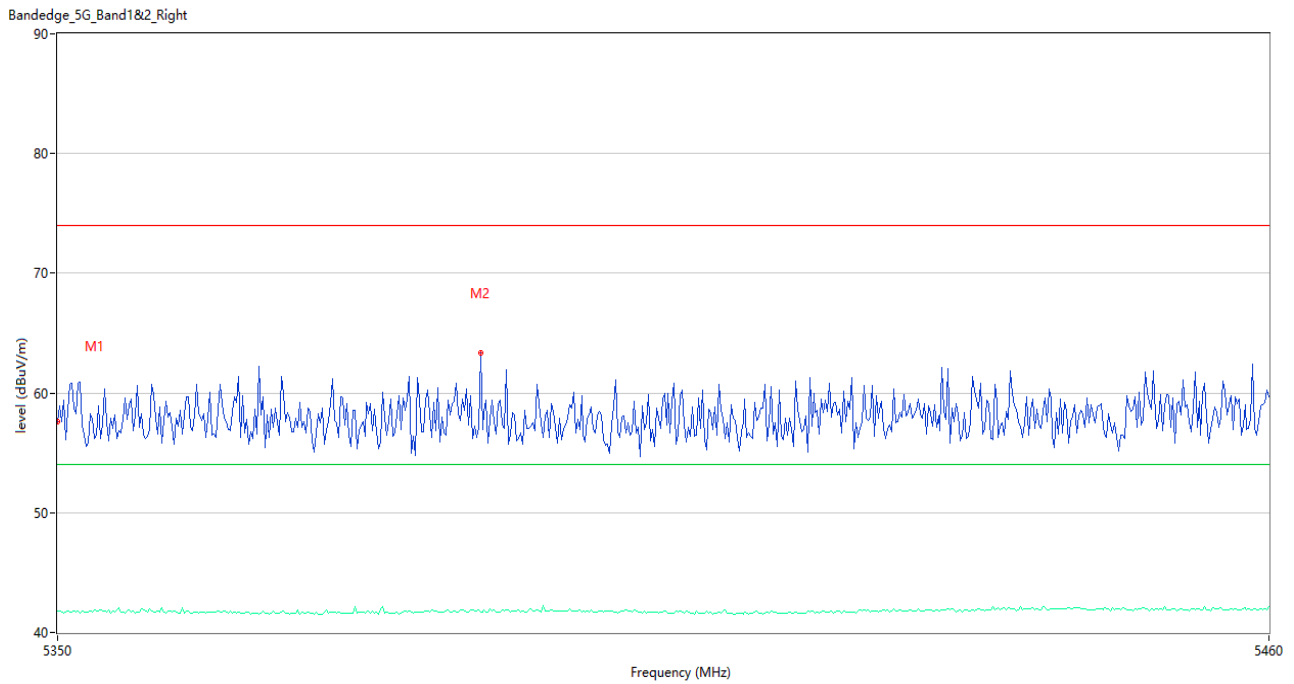
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.73	39.62	74.0	-14.27	Peak	15.00	150	Horizontal	Pass
1**	5350.000	41.76	39.62	54.0	-12.24	AV	15.00	150	Horizontal	Pass
2	5418.200	62.32	39.66	74.0	-11.68	Peak	7.00	150	Horizontal	Pass
2**	5418.200	41.64	39.66	54.0	-12.36	AV	7.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



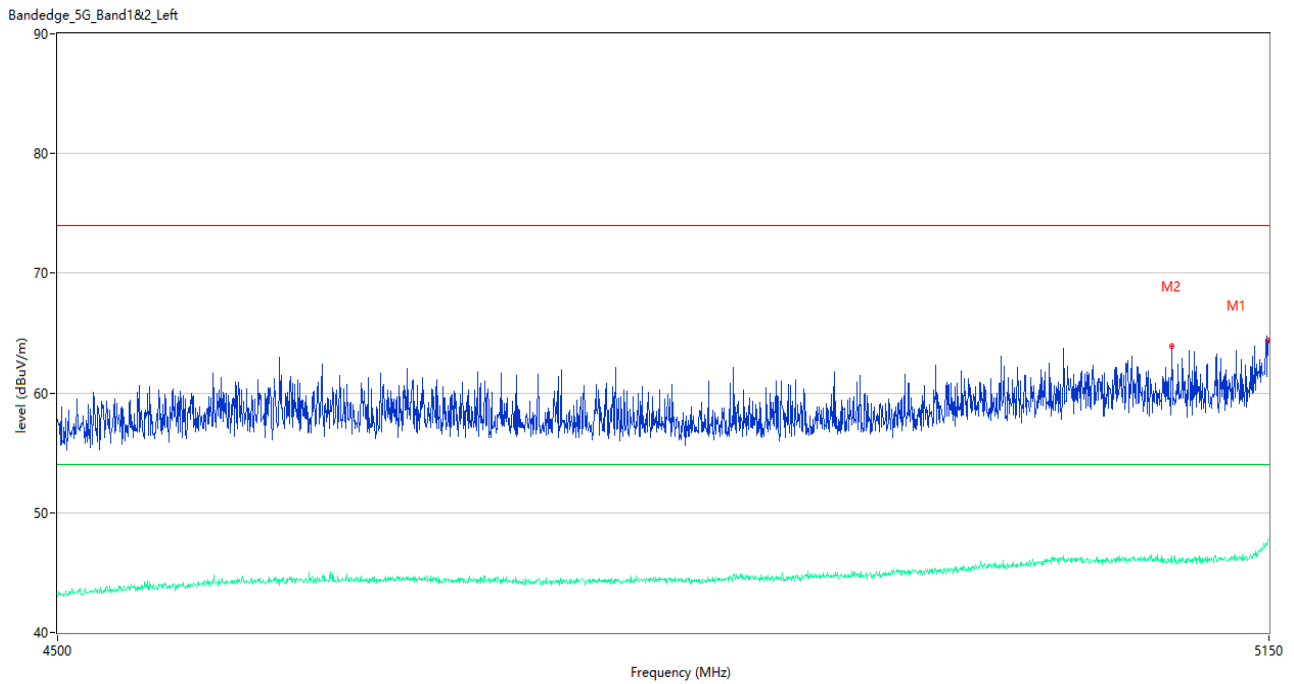
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.04	39.71	74.0	-13.96	Peak	12.00	150	Horizontal	Pass
1**	5150.000	46.18	39.71	54.0	-7.82	AV	12.00	150	Horizontal	Pass
2	5058.025	64.24	39.75	74.0	-9.76	Peak	15.00	150	Horizontal	Pass
2**	5058.025	45.93	39.75	54.0	-8.07	AV	15.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



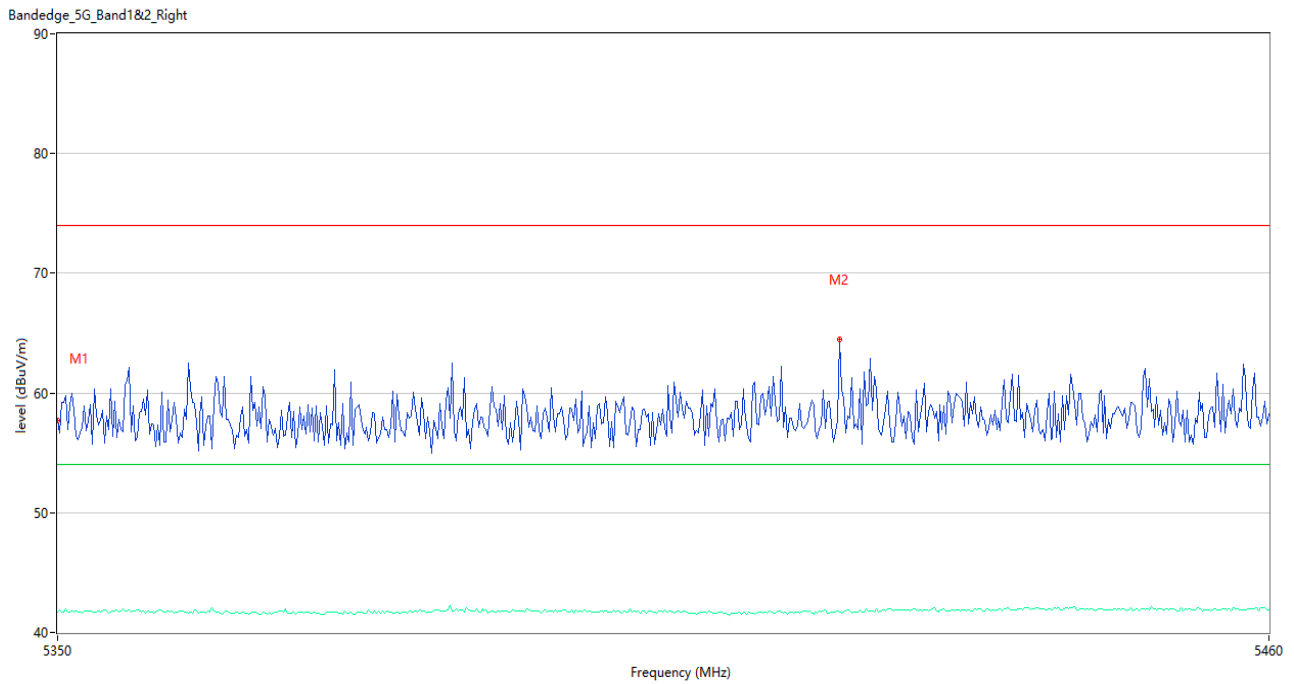
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.57	39.62	74.0	-16.43	Peak	12.00	150	Horizontal	Pass
1**	5350.000	41.79	39.62	54.0	-12.21	AV	12.00	150	Horizontal	Pass
2	5388.133	63.37	39.75	74.0	-10.63	Peak	1.00	150	Horizontal	Pass
2**	5388.133	41.69	39.75	54.0	-12.31	AV	1.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



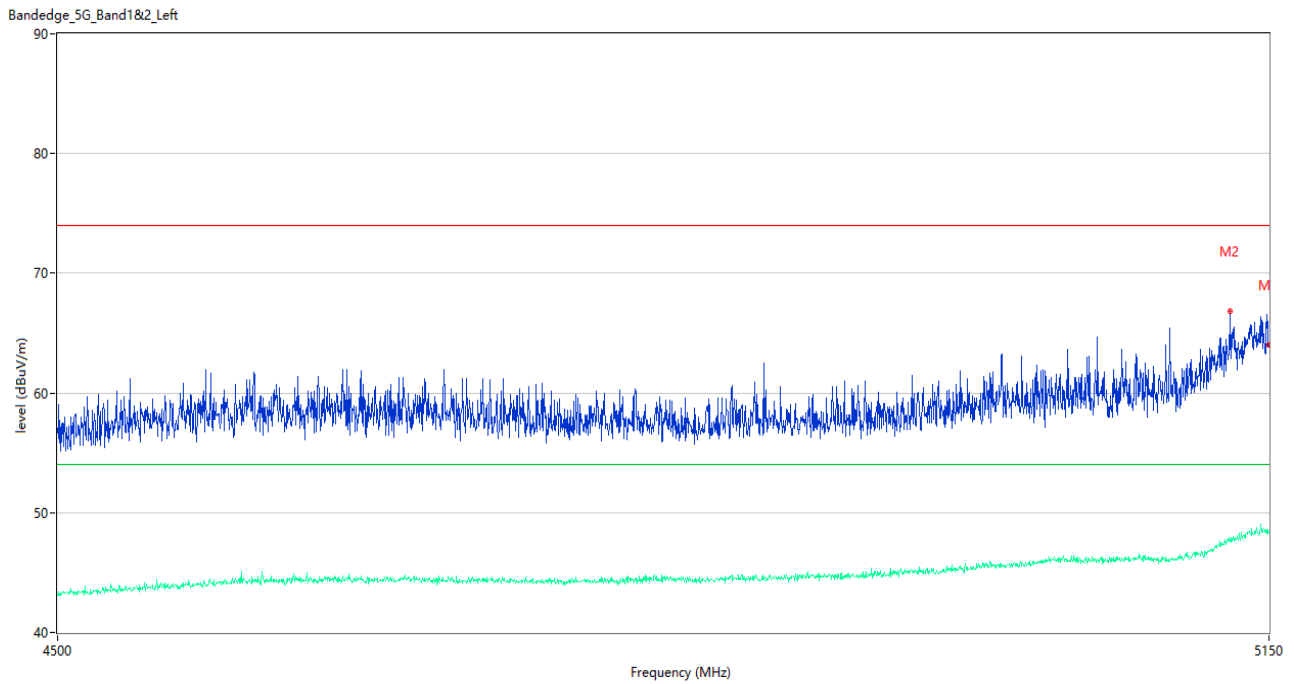
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	64.37	39.71	74.0	-9.63	Peak	10.00	150	Horizontal	Pass
1**	5150.000	47.85	39.71	54.0	-6.15	AV	10.00	150	Horizontal	Pass
2	5094.750	63.92	39.84	74.0	-10.08	Peak	4.00	150	Horizontal	Pass
2**	5094.750	45.91	39.84	54.0	-8.09	AV	4.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



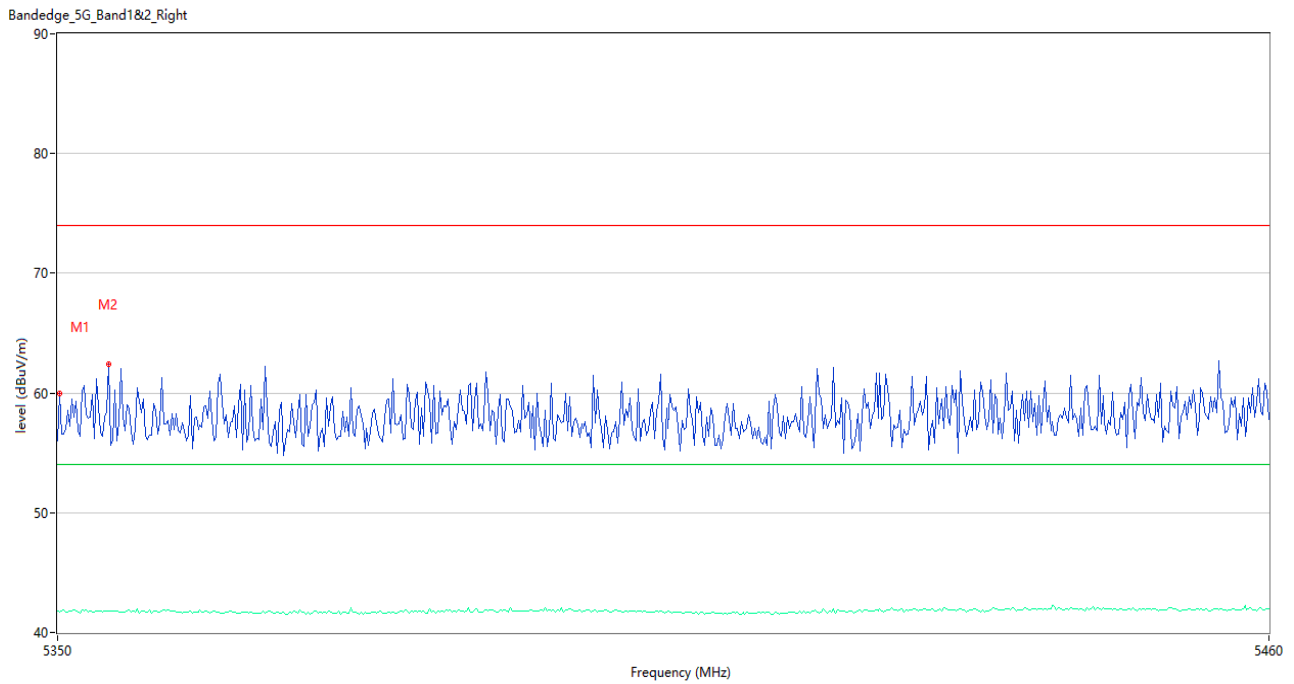
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.68	39.62	74.0	-16.32	Peak	8.00	150	Horizontal	Pass
1**	5350.000	41.71	39.62	54.0	-12.29	AV	8.00	150	Horizontal	Pass
2	5420.767	64.44	39.70	74.0	-9.56	Peak	10.00	150	Horizontal	Pass
2**	5420.767	41.70	39.70	54.0	-12.30	AV	10.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



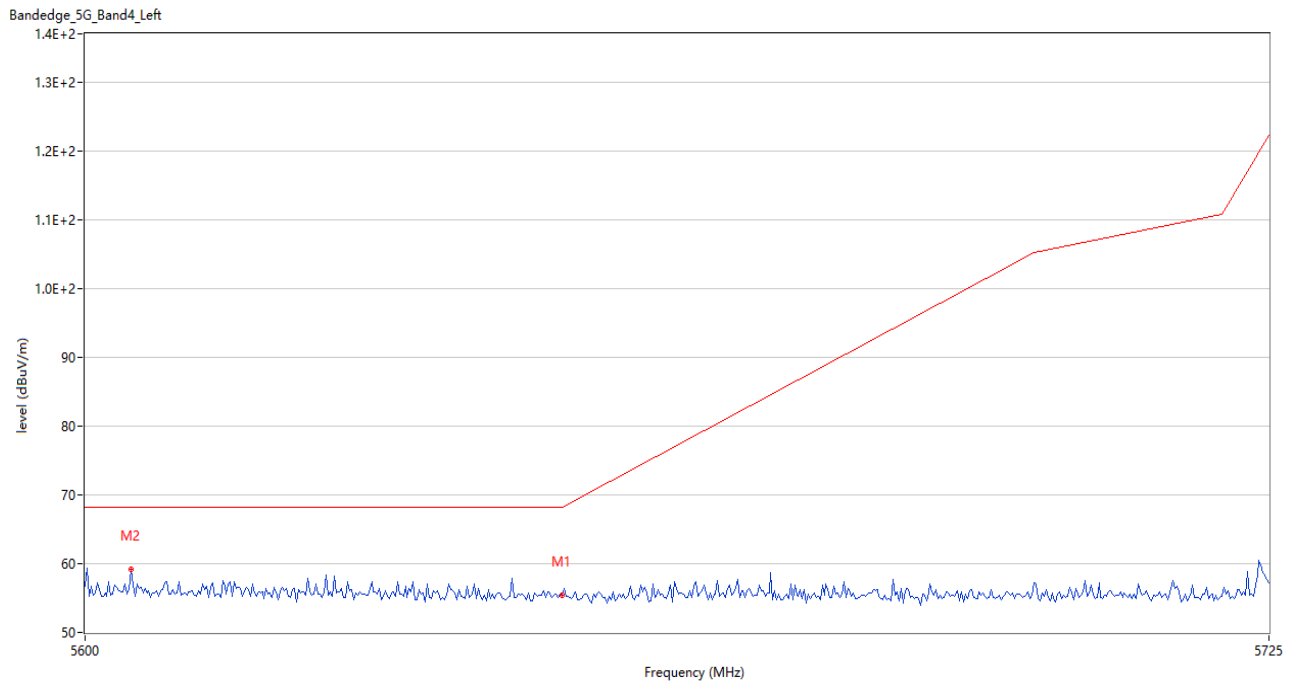
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	64.03	39.71	74.0	-9.97	Peak	15.00	150	Horizontal	Pass
1**	5150.000	48.39	39.71	54.0	-5.61	AV	15.00	150	Horizontal	Pass
2	5127.900	66.86	39.85	74.0	-7.14	Peak	8.00	150	Horizontal	Pass
2**	5127.900	47.70	39.85	54.0	-6.30	AV	8.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



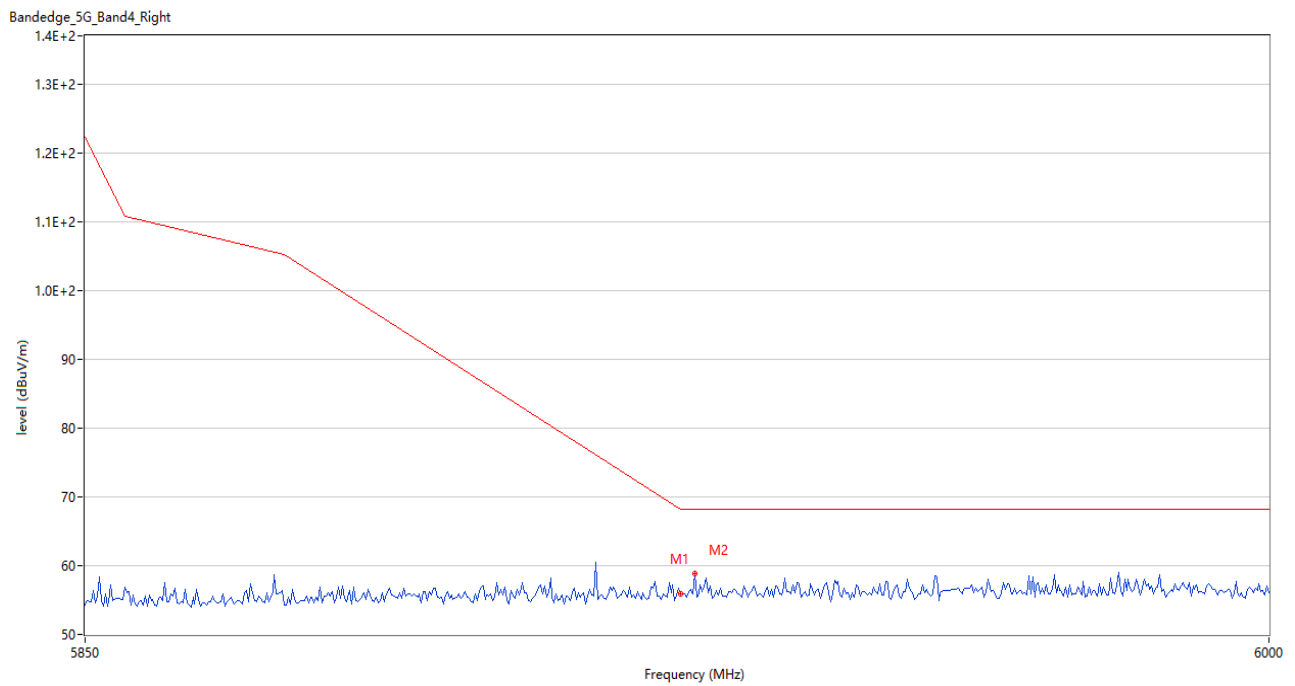
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.183	59.95	39.62	74.0	-14.05	Peak	15.00	150	Horizontal	Pass
1**	5350.183	41.72	39.62	54.0	-12.28	AV	15.00	150	Horizontal	Pass
2	5354.584	62.44	39.63	74.0	-11.56	Peak	13.00	150	Horizontal	Pass
2**	5354.584	41.76	39.63	54.0	-12.24	AV	13.00	150	Horizontal	Pass

U-NII-3 11a CH149



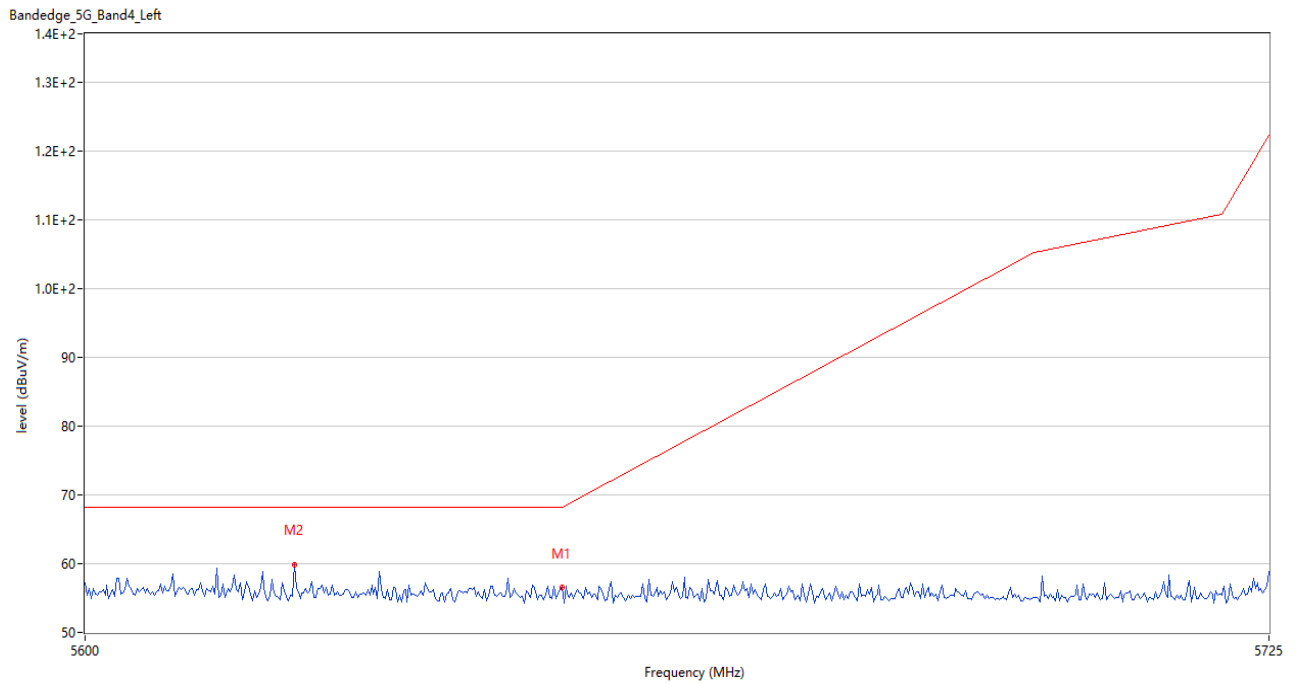
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	55.41	39.96	68.2	-12.79	Peak	9.00	150	Horizontal	Pass
2	5604.791	59.23	40.04	68.2	-8.97	Peak	2.00	150	Horizontal	Pass

U-NII-3 11a CH165



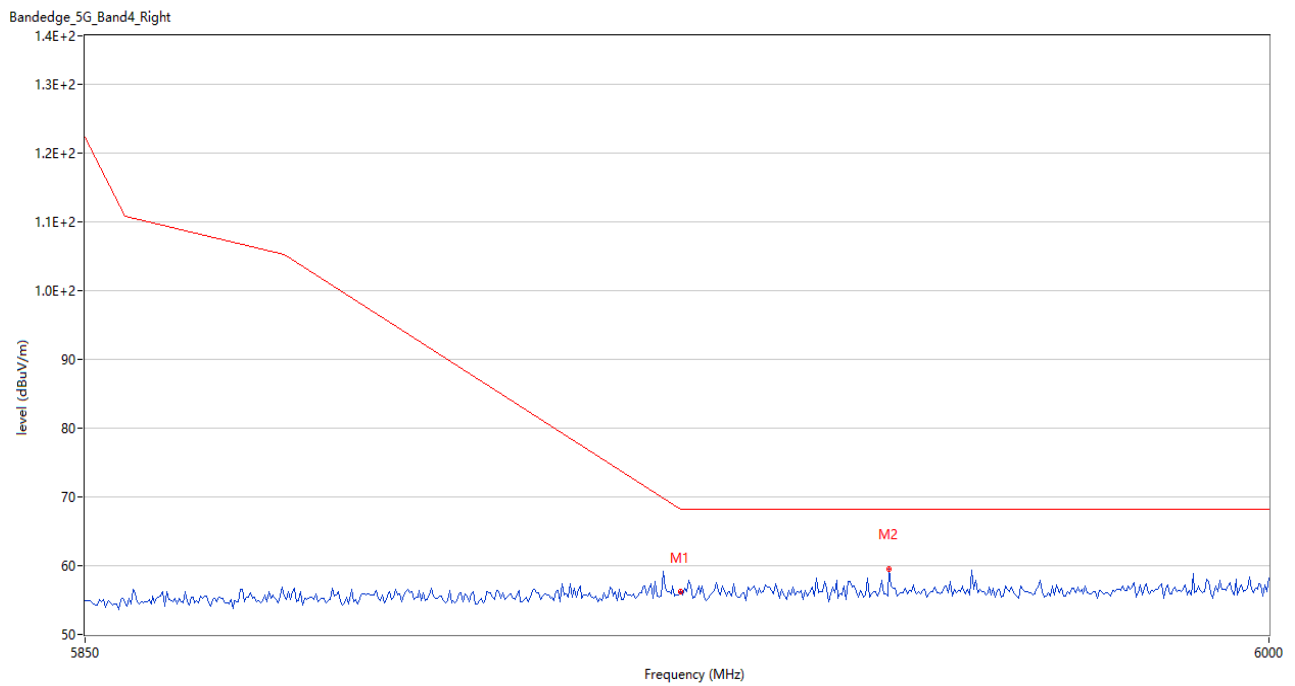
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.94	40.28	68.2	-12.26	Peak	8.00	150	Horizontal	Pass
2	5926.750	58.91	40.28	68.2	-9.29	Peak	3.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



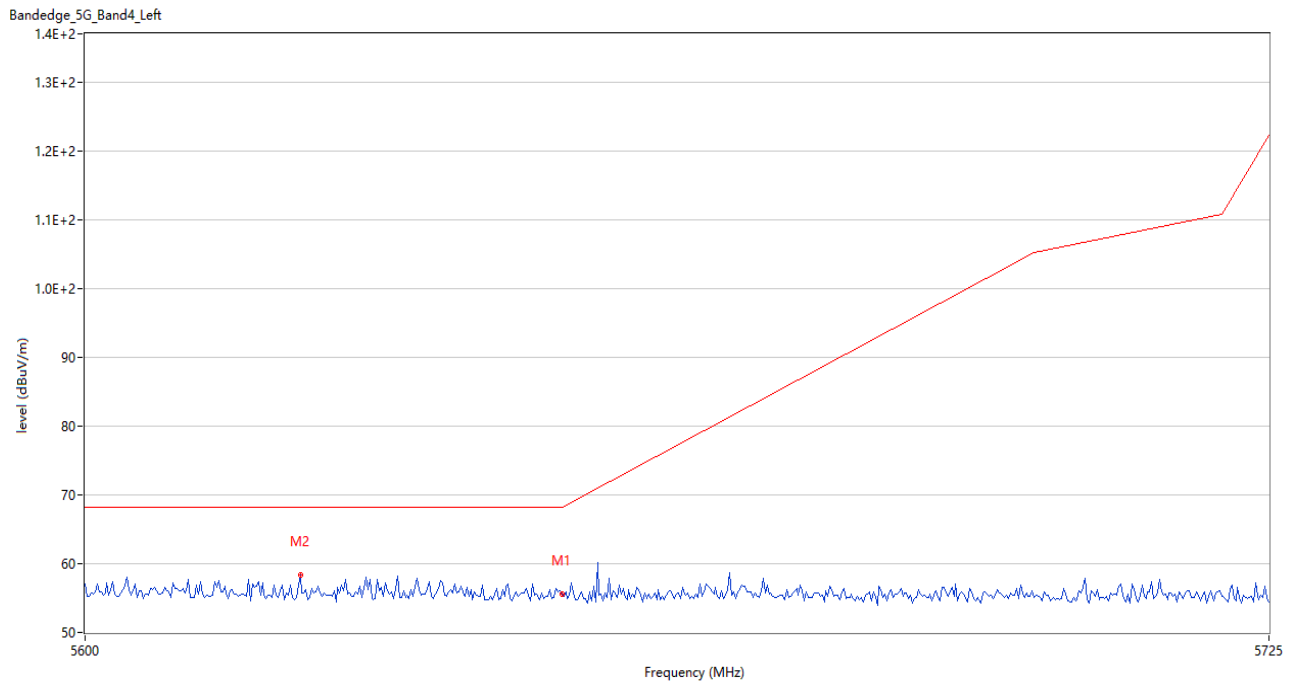
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.61	39.96	68.2	-11.59	Peak	6.00	150	Horizontal	Pass
2	5621.875	59.89	40.00	68.2	-8.31	Peak	0.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



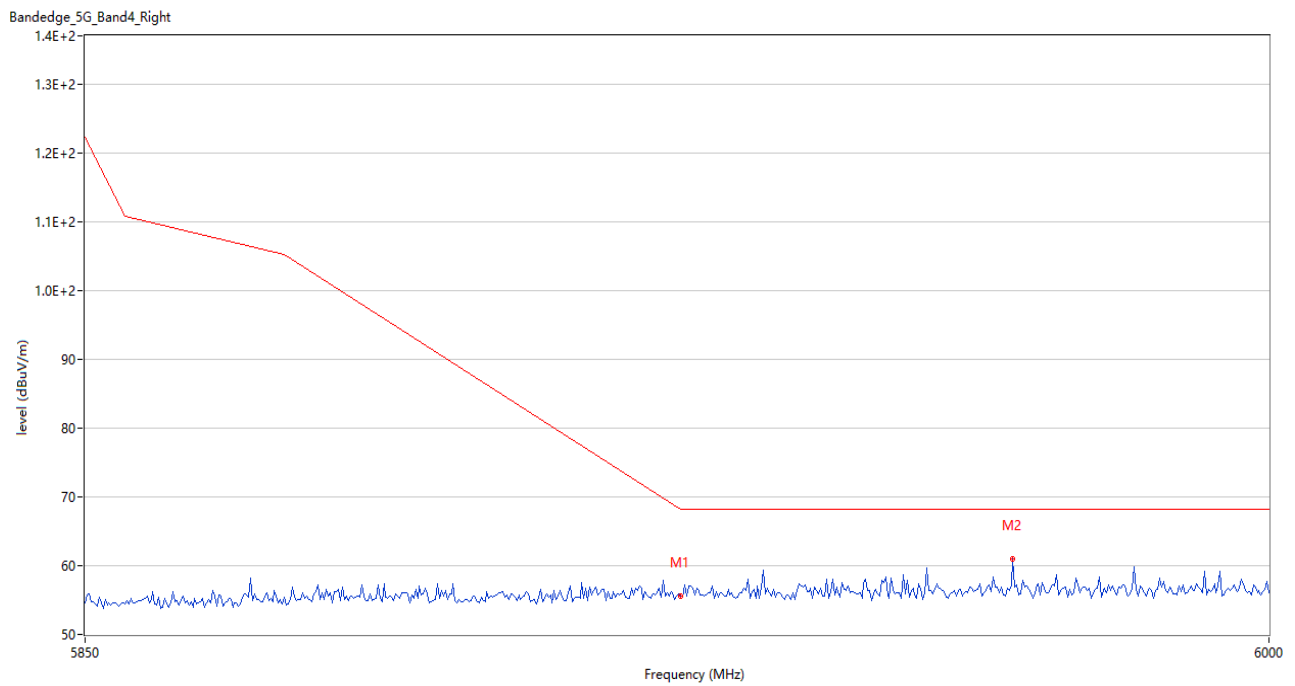
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.21	40.28	68.2	-11.99	Peak	14.00	150	Horizontal	Pass
2	5951.500	59.52	40.13	68.2	-8.68	Peak	14.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



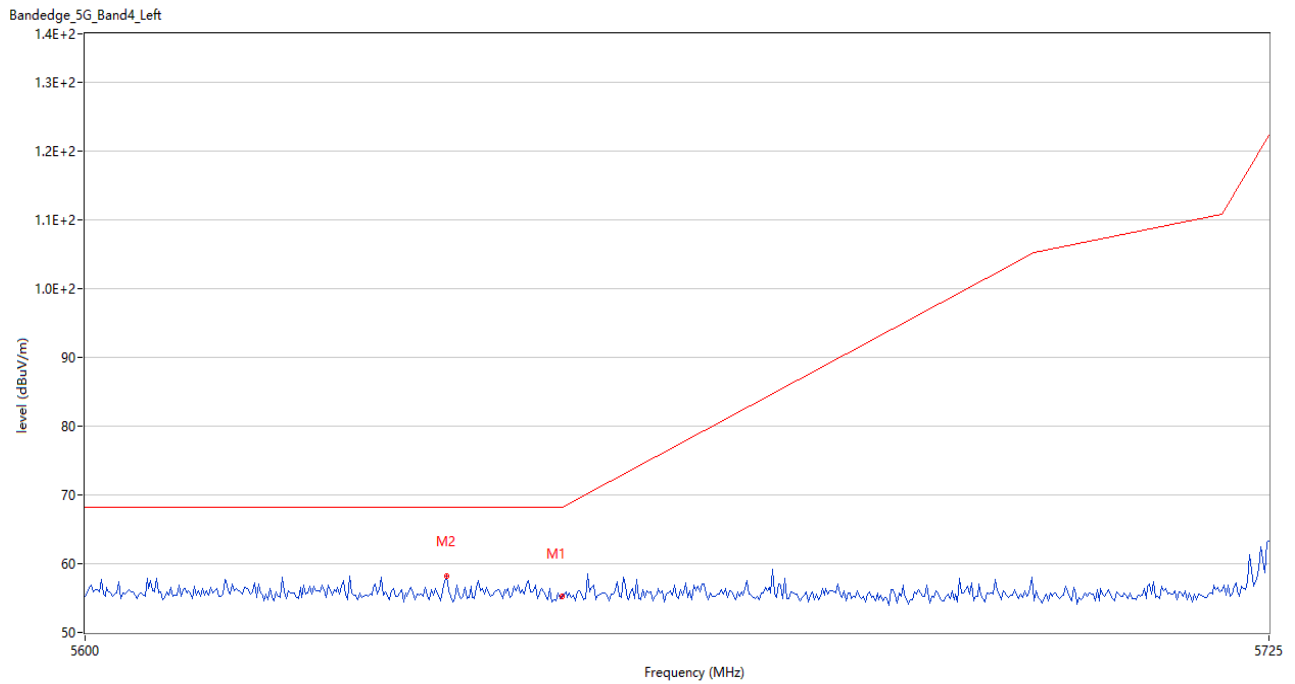
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	55.64	39.96	68.2	-12.56	Peak	8.00	150	Horizontal	Pass
2	5622.500	58.32	40.00	68.2	-9.88	Peak	14.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



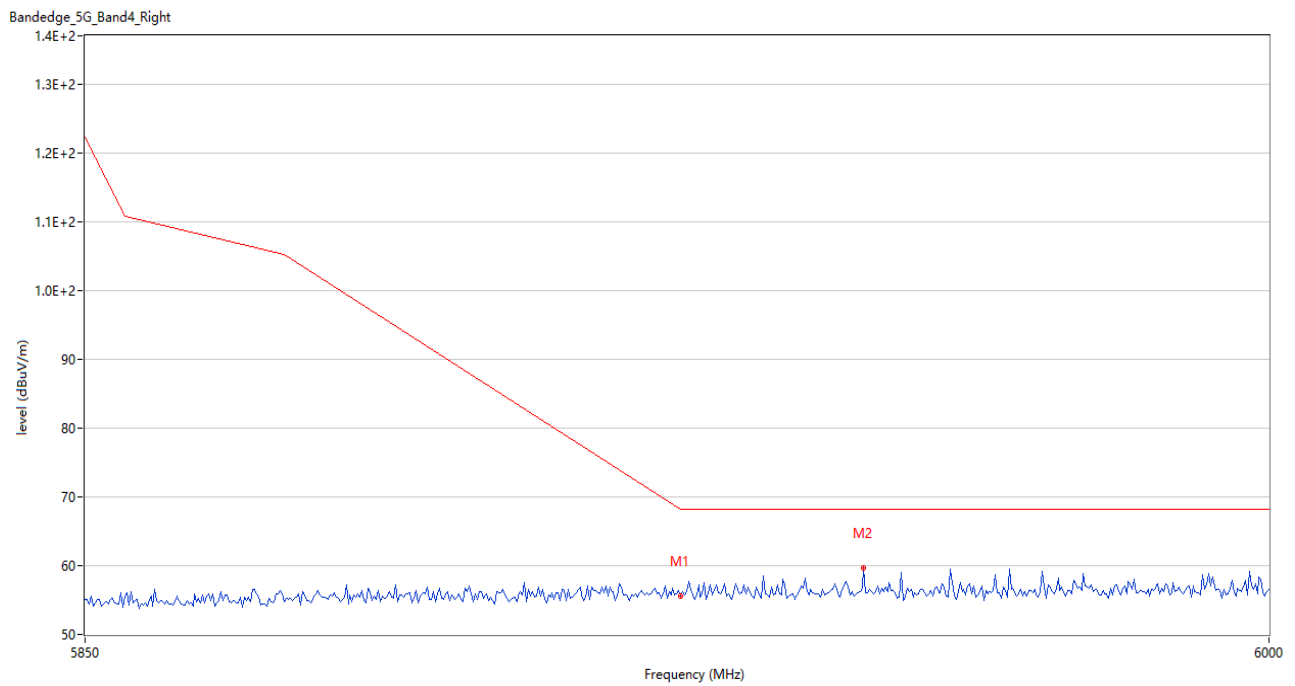
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.63	40.28	68.2	-12.57	Peak	3.00	150	Horizontal	Pass
2	5967.250	60.92	40.23	68.2	-7.28	Peak	2.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



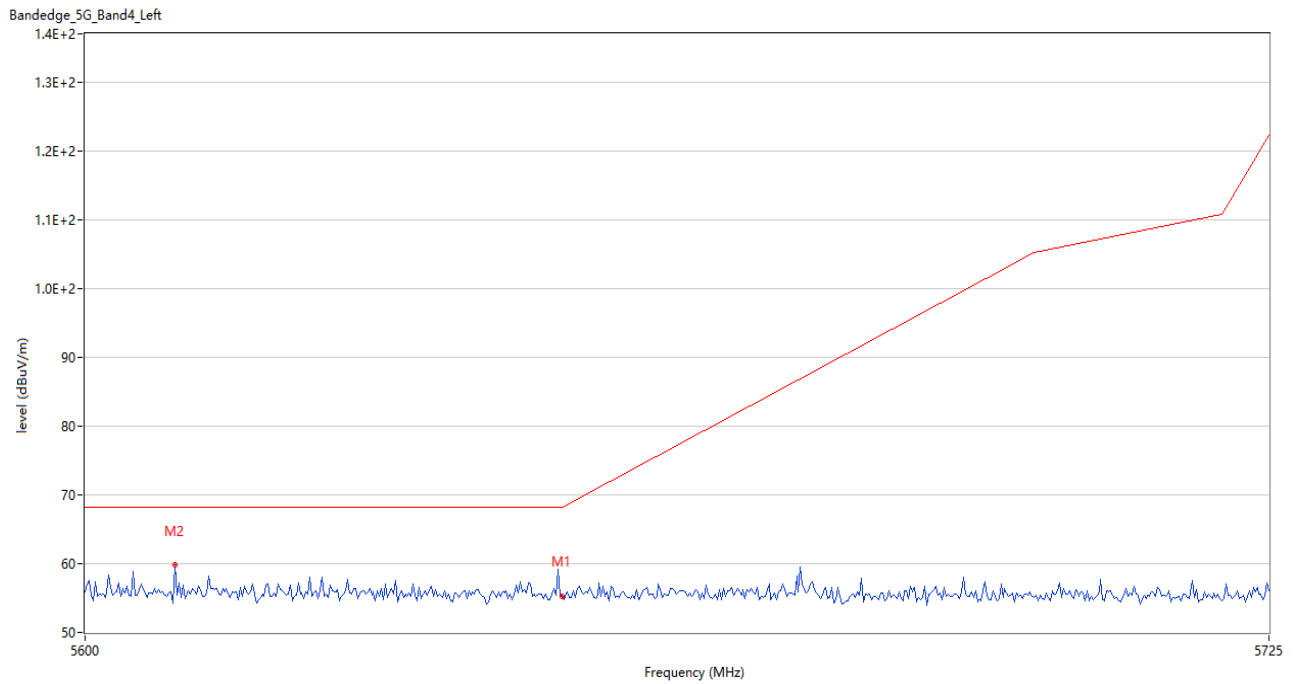
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	55.32	39.96	68.2	-12.88	Peak	13.00	150	Horizontal	Pass
2	5637.917	58.14	39.91	68.2	-10.06	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



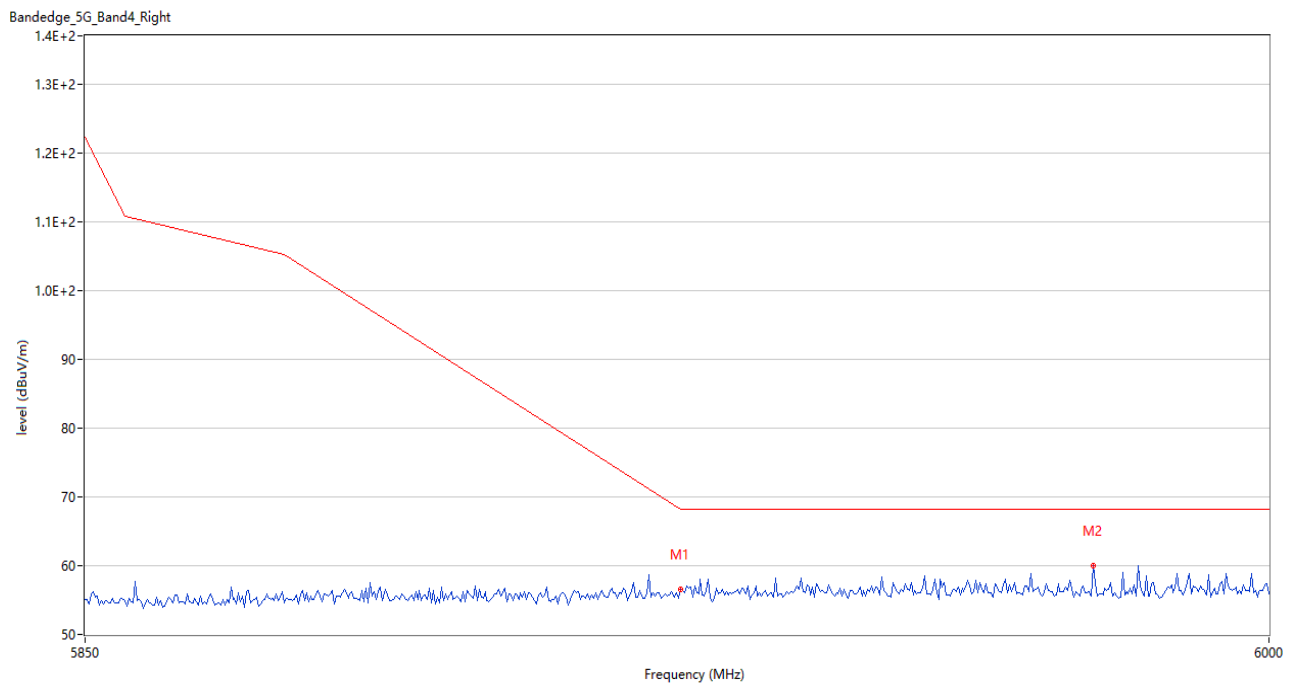
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.53	40.28	68.2	-12.67	Peak	14.00	150	Horizontal	Pass
2	5948.250	59.74	40.13	68.2	-8.46	Peak	1.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



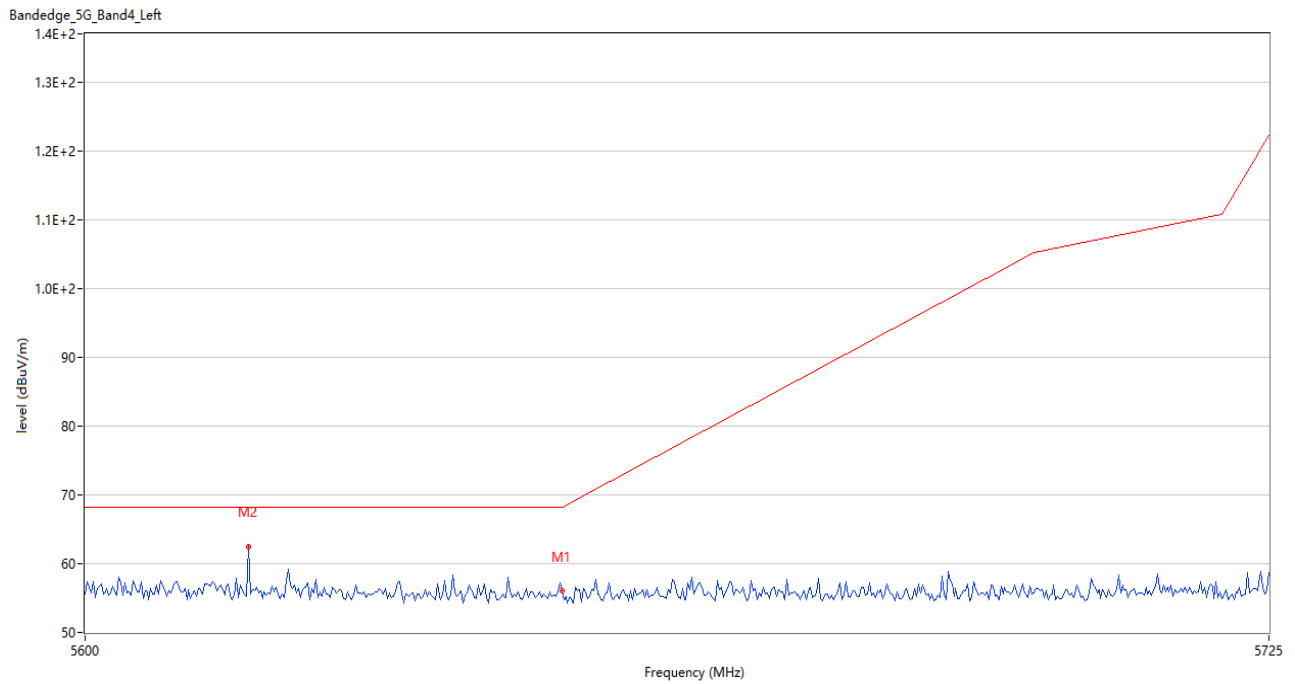
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	55.32	39.96	68.2	-12.88	Peak	2.00	150	Horizontal	Pass
2	5609.375	59.83	40.07	68.2	-8.37	Peak	8.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



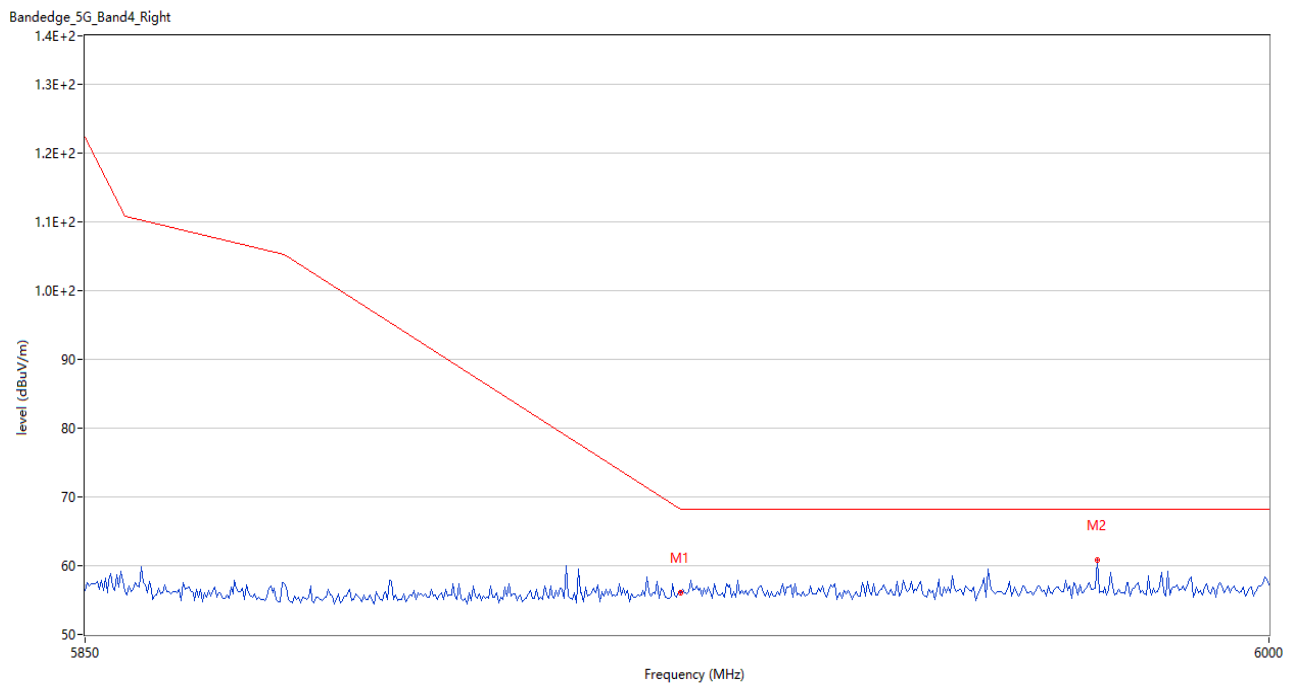
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.53	40.28	68.2	-11.67	Peak	15.00	150	Horizontal	Pass
2	5977.500	60.06	40.17	68.2	-8.14	Peak	11.00	150	Horizontal	Pass

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	5650.000	56.06	39.96	68.2	-12.14	Peak	15.00	150	Horizontal	Pass
2	5617.083	62.50	40.05	68.2	-5.70	Peak	0.00	150	Horizontal	Pass

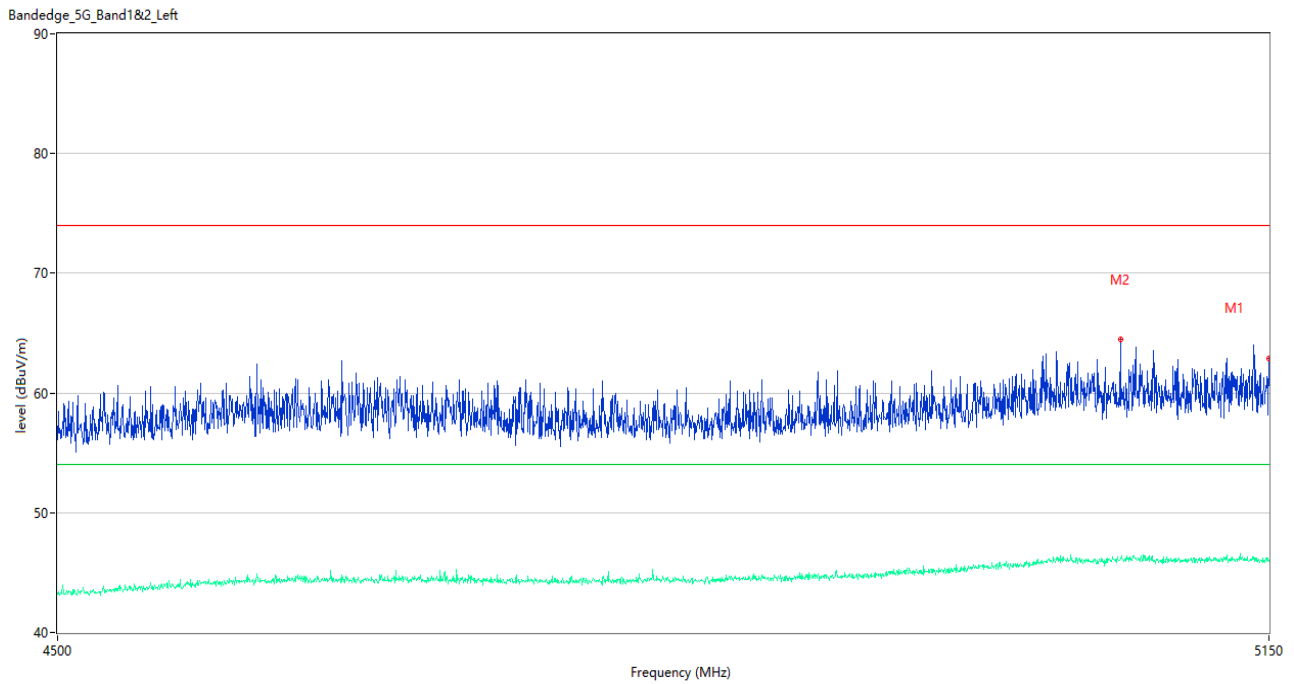
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.12	40.28	68.2	-12.08	Peak	12.00	150	Horizontal	Pass
2	5978.000	60.84	40.17	68.2	-7.36	Peak	12.00	150	Horizontal	Pass

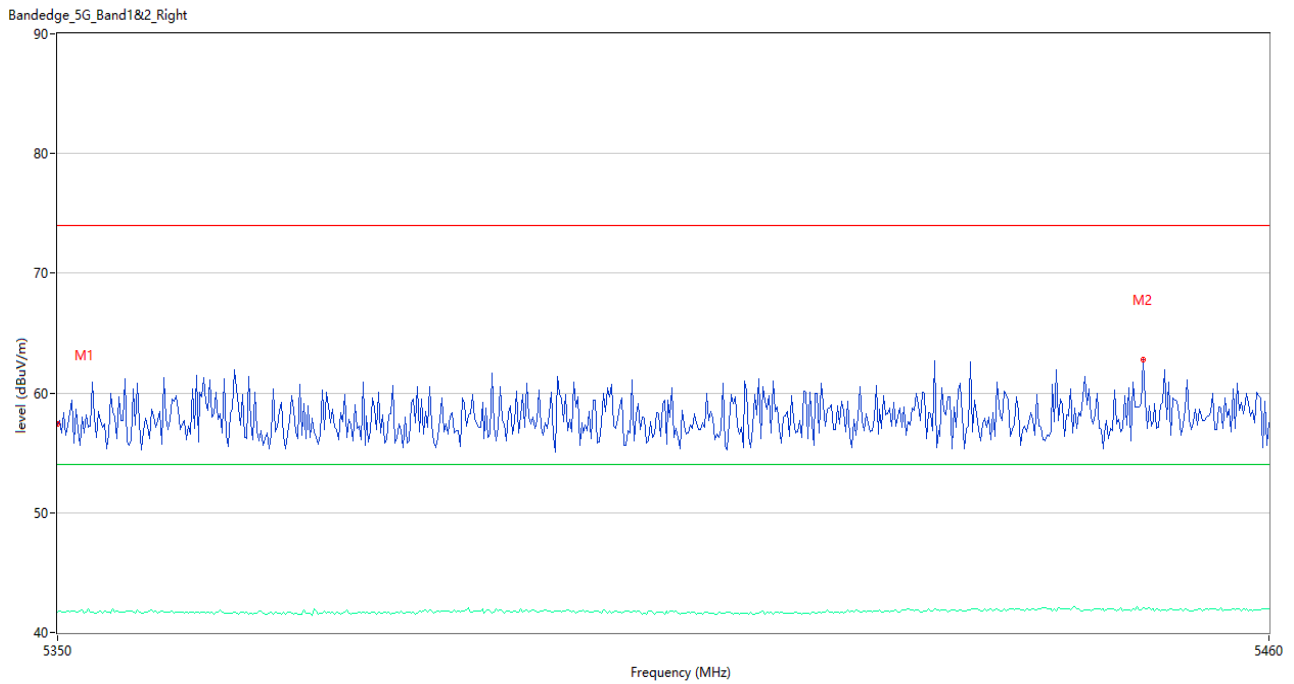
Antenna 1

U-NII-1 11a CH36



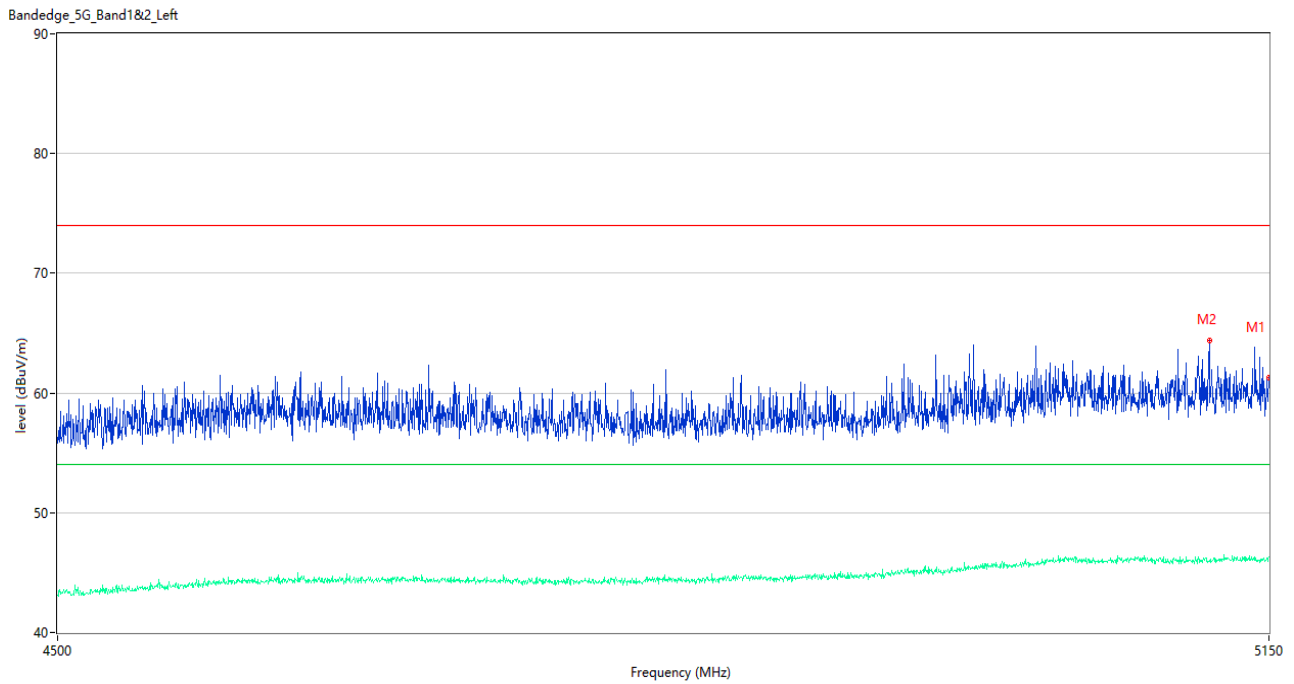
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.92	39.71	74.0	-11.08	Peak	13.00	150	Horizontal	Pass
1**	5150.000	45.96	39.71	54.0	-8.04	AV	13.00	150	Horizontal	Pass
2	5065.500	64.50	39.81	74.0	-9.50	Peak	6.00	150	Horizontal	Pass
2**	5065.500	46.10	39.81	54.0	-7.90	AV	6.00	150	Horizontal	Pass

U-NII-1 11a CH48



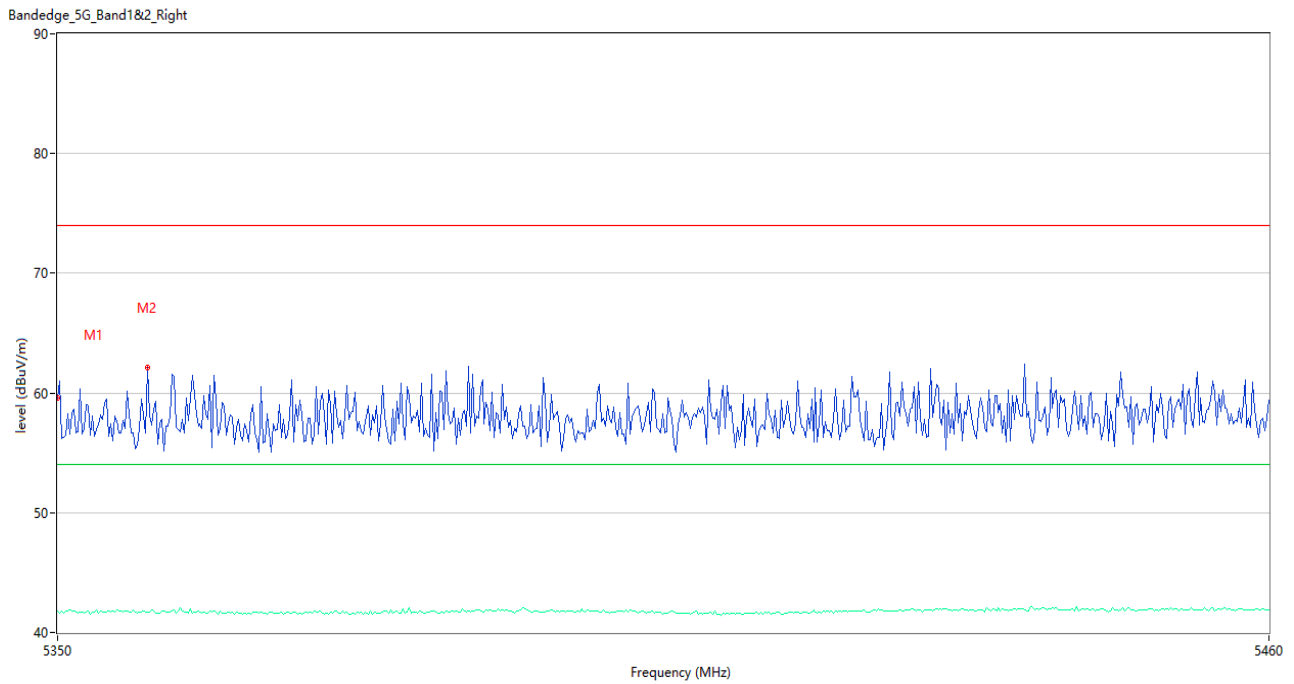
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.39	39.62	74.0	-16.61	Peak	12.00	150	Horizontal	Pass
1**	5350.000	41.67	39.62	54.0	-12.33	AV	12.00	150	Horizontal	Pass
2	5448.450	62.83	39.75	74.0	-11.17	Peak	8.00	150	Horizontal	Pass
2**	5448.450	42.03	39.75	54.0	-11.97	AV	8.00	150	Horizontal	Pass

U-NII-1 11n20 CH36



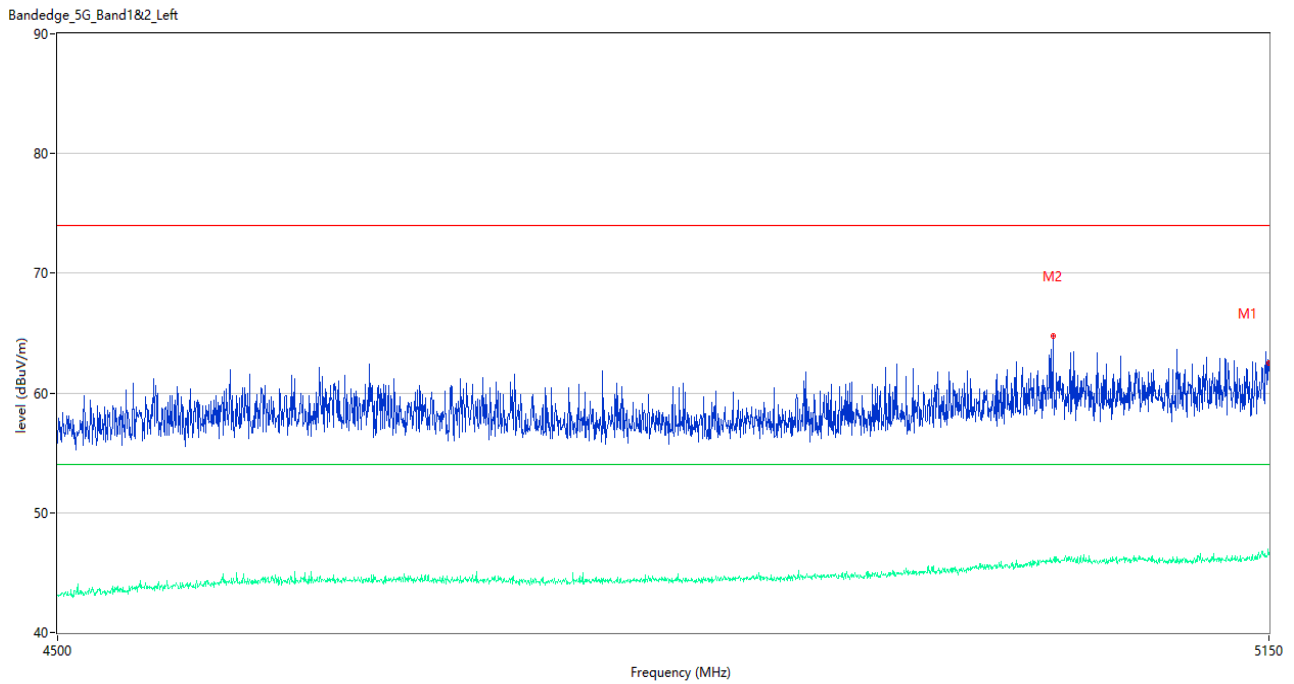
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.27	39.71	74.0	-12.73	Peak	4.00	100	Horizontal	Pass
1**	5150.000	46.27	39.71	54.0	-7.73	AV	4.00	100	Horizontal	Pass
2	5115.875	64.38	39.86	74.0	-9.62	Peak	10.00	100	Horizontal	Pass
2**	5115.875	45.96	39.86	54.0	-8.04	AV	10.00	100	Horizontal	Pass

U-NII-1 11n20 CH48



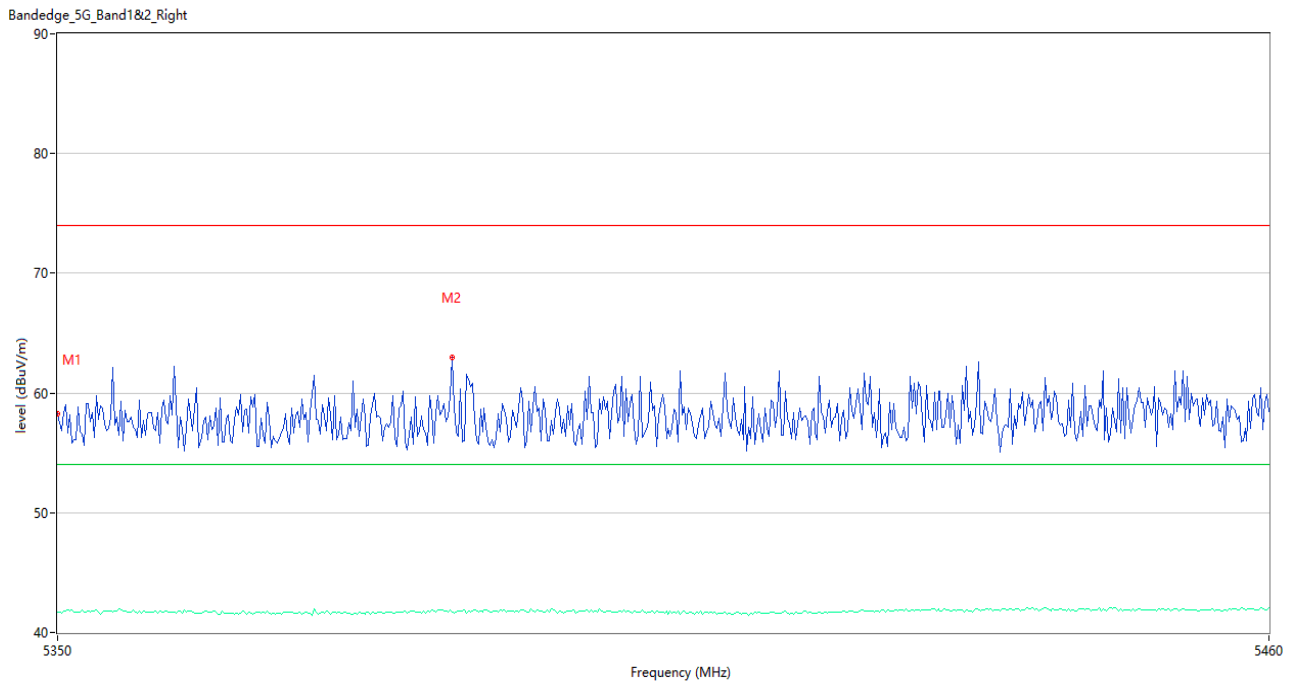
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.58	39.62	74.0	-14.42	Peak	12.00	150	Horizontal	Pass
1**	5350.000	41.80	39.62	54.0	-12.20	AV	12.00	150	Horizontal	Pass
2	5358.067	62.16	39.63	74.0	-11.84	Peak	8.00	150	Horizontal	Pass
2**	5358.067	41.71	39.63	54.0	-12.29	AV	8.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



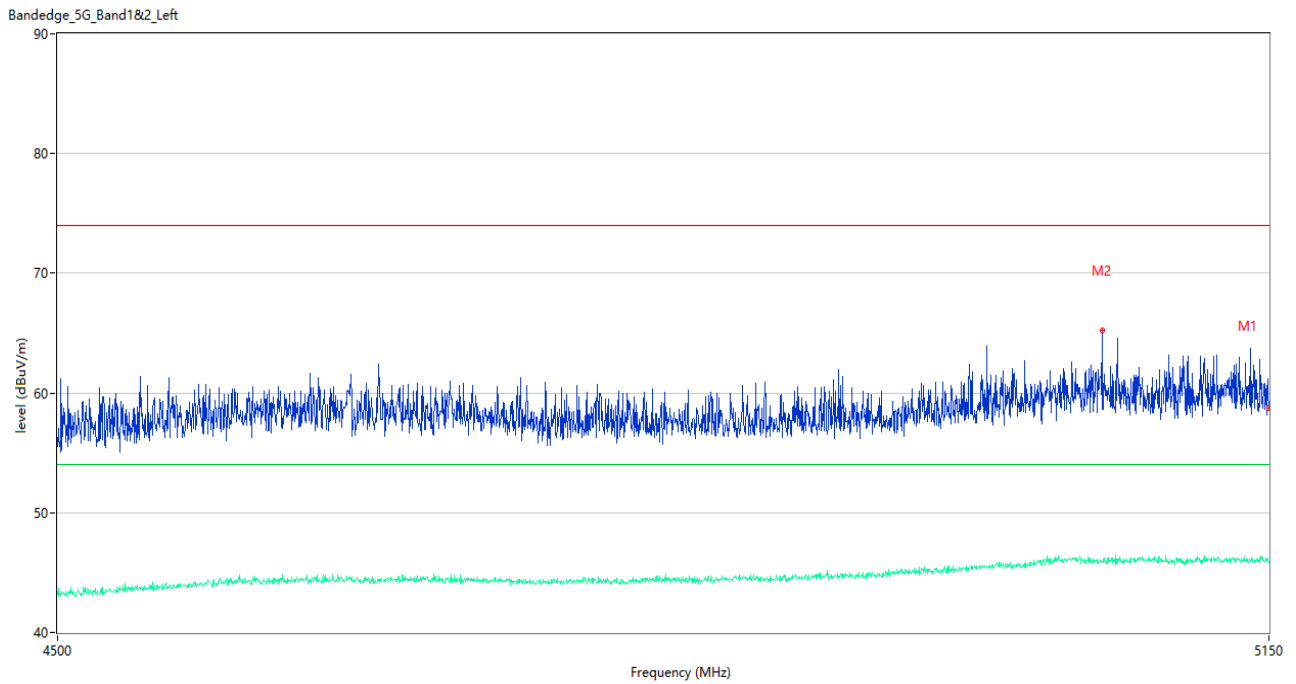
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.55	39.71	74.0	-11.45	Peak	7.00	150	Horizontal	Pass
1**	5150.000	46.53	39.71	54.0	-7.47	AV	7.00	150	Horizontal	Pass
2	5027.475	64.78	39.83	74.0	-9.22	Peak	1.00	150	Horizontal	Pass
2**	5027.475	46.16	39.83	54.0	-7.84	AV	1.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



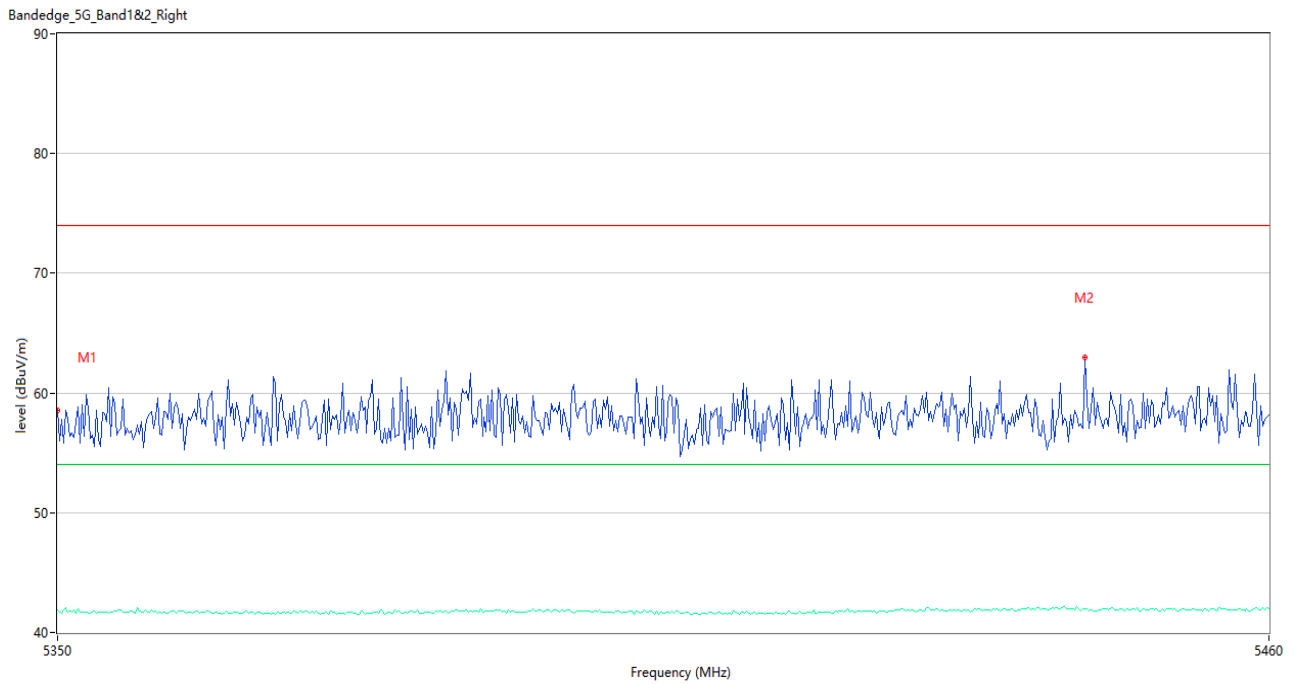
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.27	39.62	74.0	-15.73	Peak	5.00	150	Horizontal	Pass
1**	5350.000	41.73	39.62	54.0	-12.27	AV	5.00	150	Horizontal	Pass
2	5385.567	63.01	39.72	74.0	-10.99	Peak	9.00	150	Horizontal	Pass
2**	5385.567	41.73	39.72	54.0	-12.27	AV	9.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



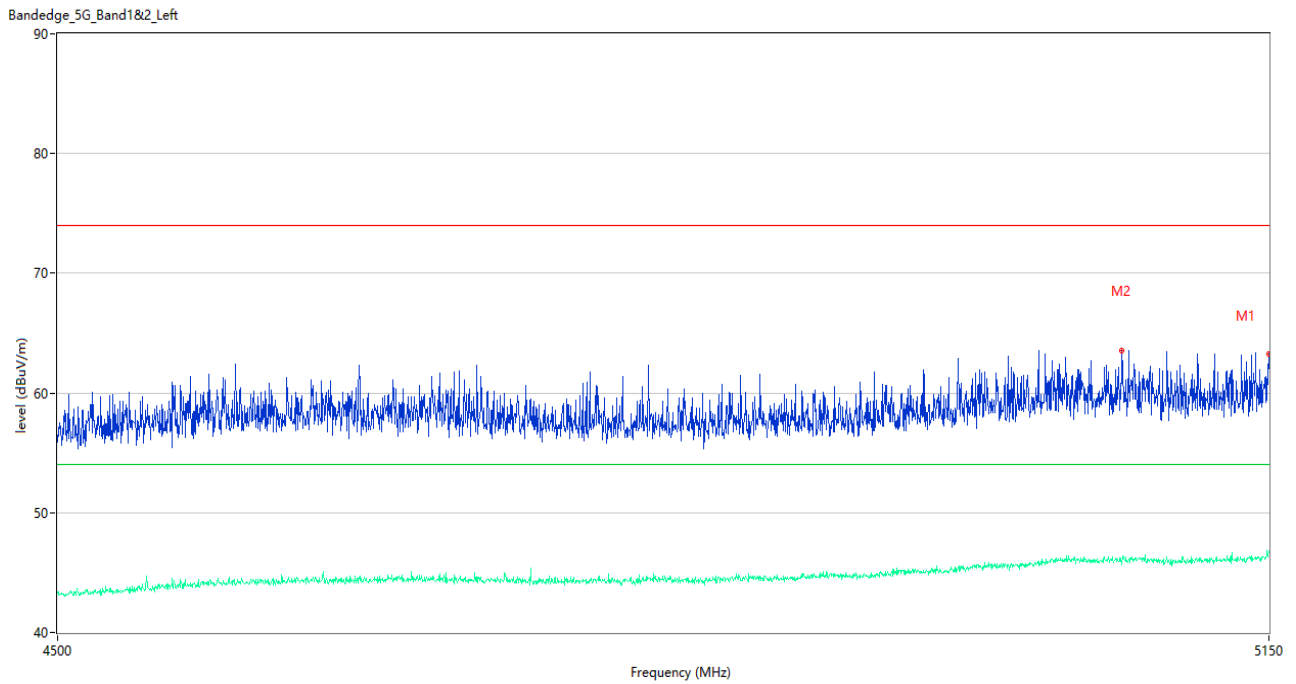
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.73	39.71	74.0	-15.27	Peak	2.00	150	Horizontal	Pass
1**	5150.000	45.81	39.71	54.0	-8.19	AV	2.00	150	Horizontal	Pass
2	5055.100	65.24	39.74	74.0	-8.76	Peak	12.00	150	Horizontal	Pass
2**	5055.100	45.91	39.74	54.0	-8.09	AV	12.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



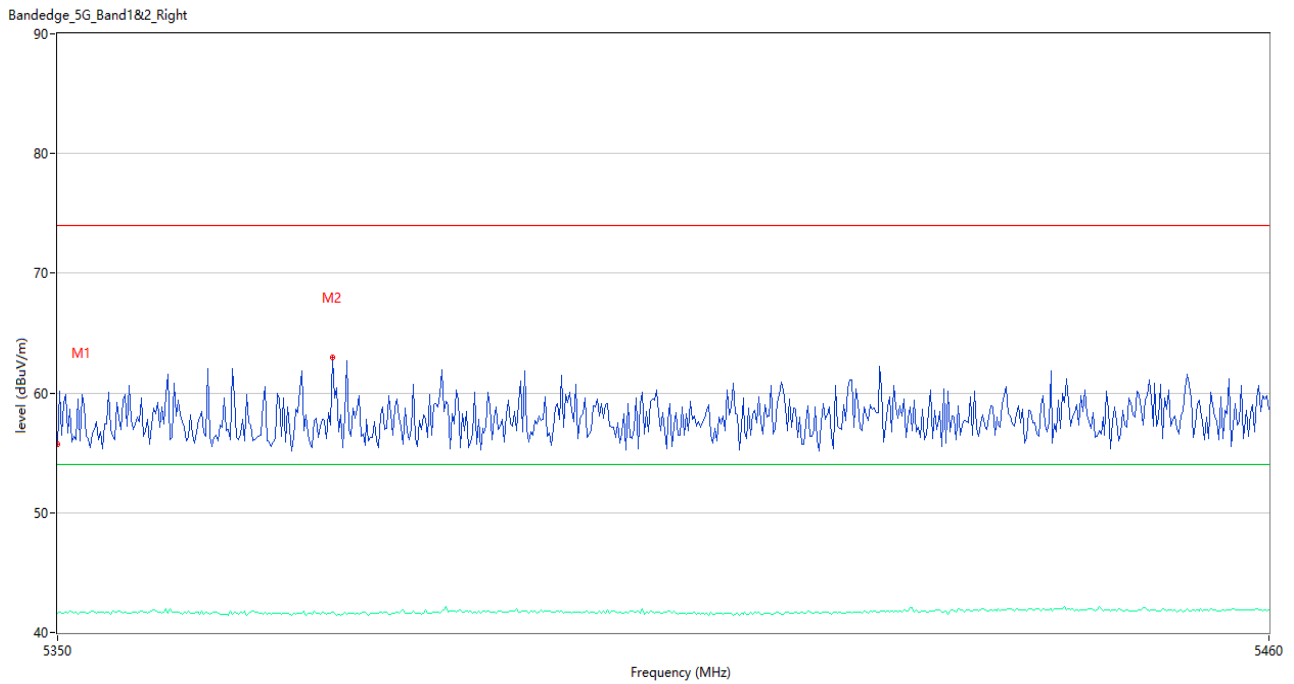
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.51	39.62	74.0	-15.49	Peak	1.00	150	Horizontal	Pass
1**	5350.000	41.91	39.62	54.0	-12.09	AV	1.00	150	Horizontal	Pass
2	5443.133	63.00	39.82	74.0	-11.00	Peak	4.00	150	Horizontal	Pass
2**	5443.133	42.02	39.82	54.0	-11.98	AV	4.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



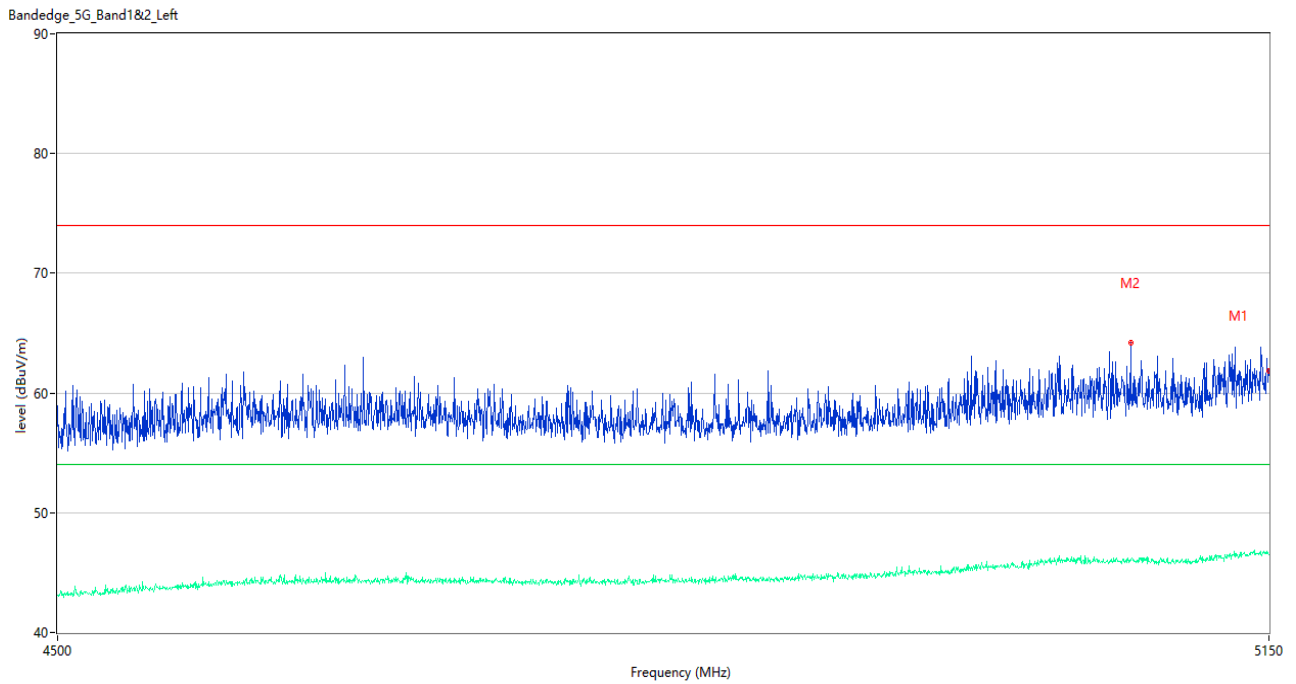
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	63.29	39.71	74.0	-10.71	Peak	6.00	150	Horizontal	Pass
1**	5150.000	46.76	39.71	54.0	-7.24	AV	6.00	150	Horizontal	Pass
2	5066.475	63.58	39.82	74.0	-10.42	Peak	15.00	150	Horizontal	Pass
2**	5066.475	45.68	39.82	54.0	-8.32	AV	15.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



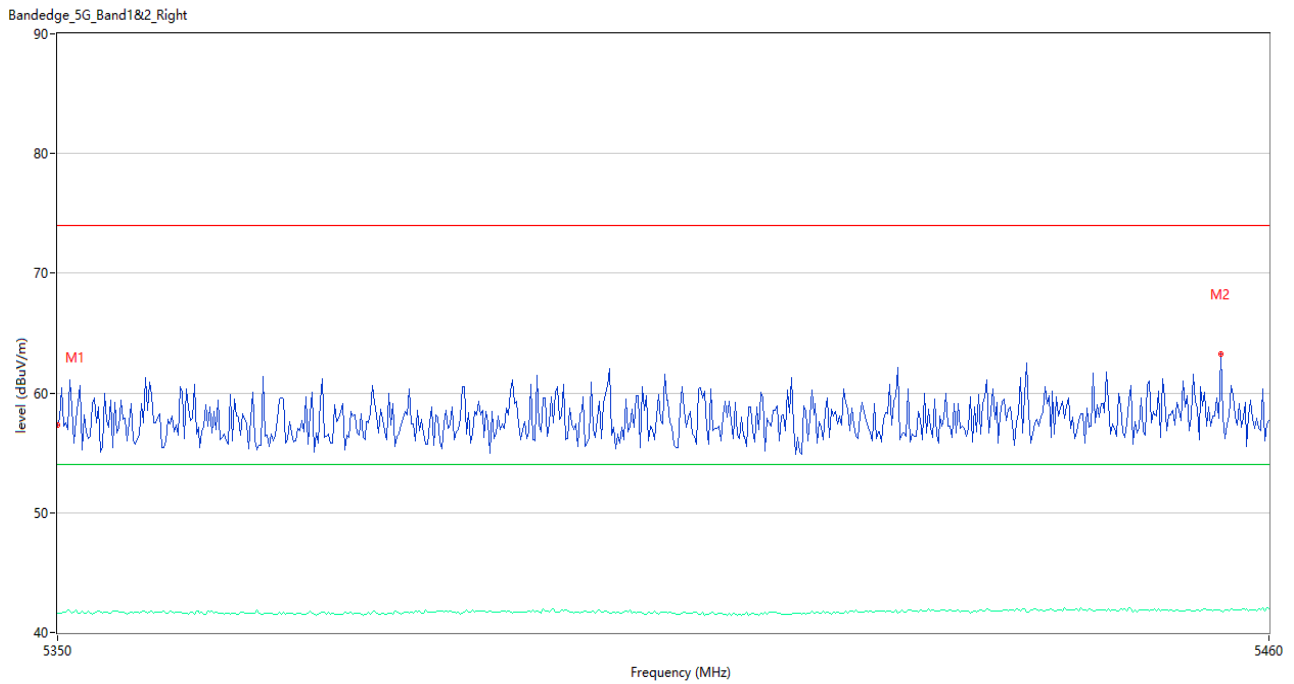
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.74	39.62	74.0	-18.26	Peak	5.00	150	Horizontal	Pass
1**	5350.000	41.62	39.62	54.0	-12.38	AV	5.00	150	Horizontal	Pass
2	5374.750	62.99	39.56	74.0	-11.01	Peak	9.00	150	Horizontal	Pass
2**	5374.750	41.71	39.56	54.0	-12.29	AV	9.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



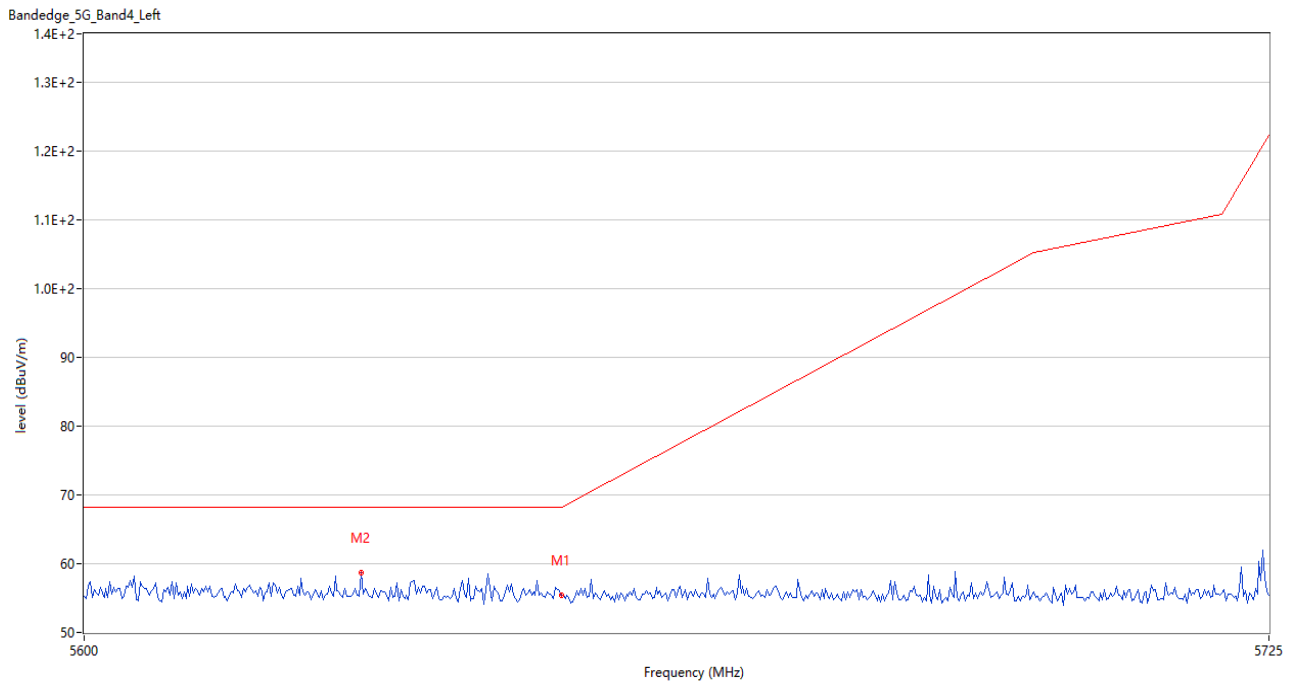
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.84	39.71	74.0	-12.16	Peak	1.00	150	Horizontal	Pass
1**	5150.000	46.54	39.71	54.0	-7.46	AV	1.00	150	Horizontal	Pass
2	5071.350	64.17	39.87	74.0	-9.83	Peak	2.00	150	Horizontal	Pass
2**	5071.350	46.05	39.87	54.0	-7.95	AV	2.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



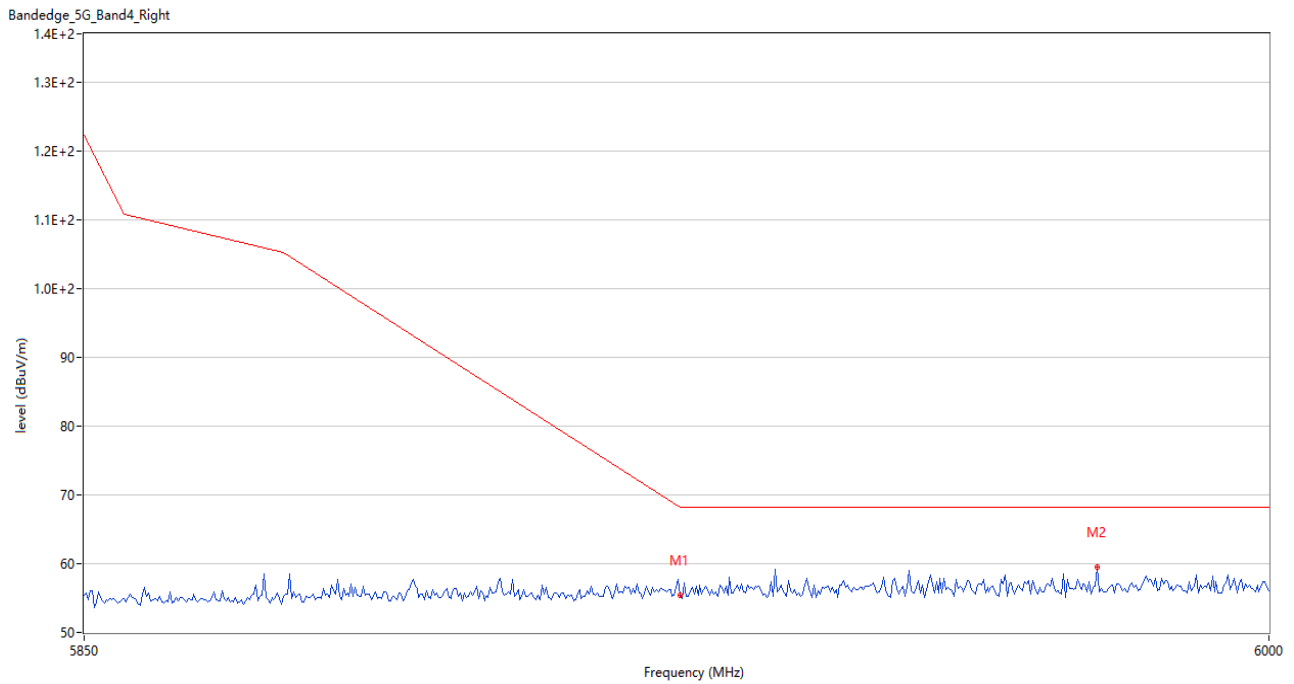
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.32	39.62	74.0	-16.68	Peak	13.00	150	Horizontal	Pass
1**	5350.000	41.59	39.62	54.0	-12.41	AV	13.00	150	Horizontal	Pass
2	5455.600	63.25	39.72	74.0	-10.75	Peak	11.00	150	Horizontal	Pass
2**	5455.600	41.82	39.72	54.0	-12.18	AV	11.00	150	Horizontal	Pass

U-NII-3 11a CH149



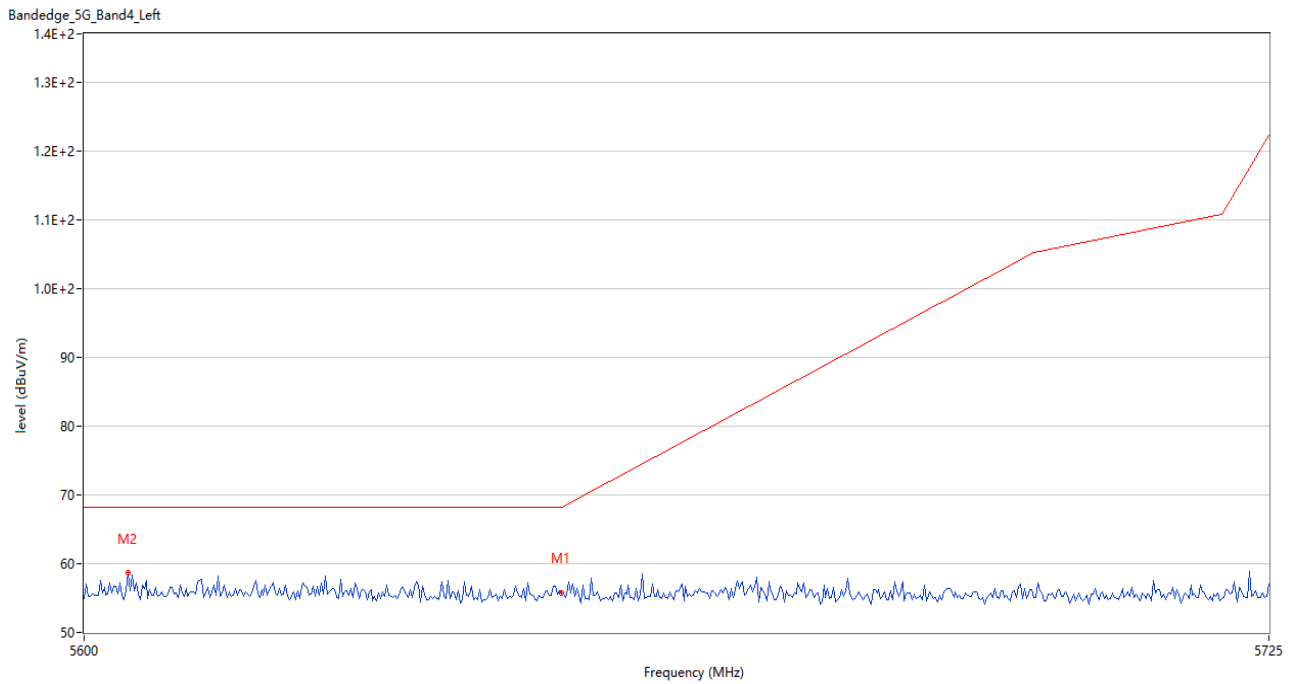
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	55.38	39.96	68.2	-12.82	Peak	7.00	150	Horizontal	Pass
2	5628.959	58.73	39.96	68.2	-9.47	Peak	9.00	150	Horizontal	Pass

U-NII-3 11a CH165



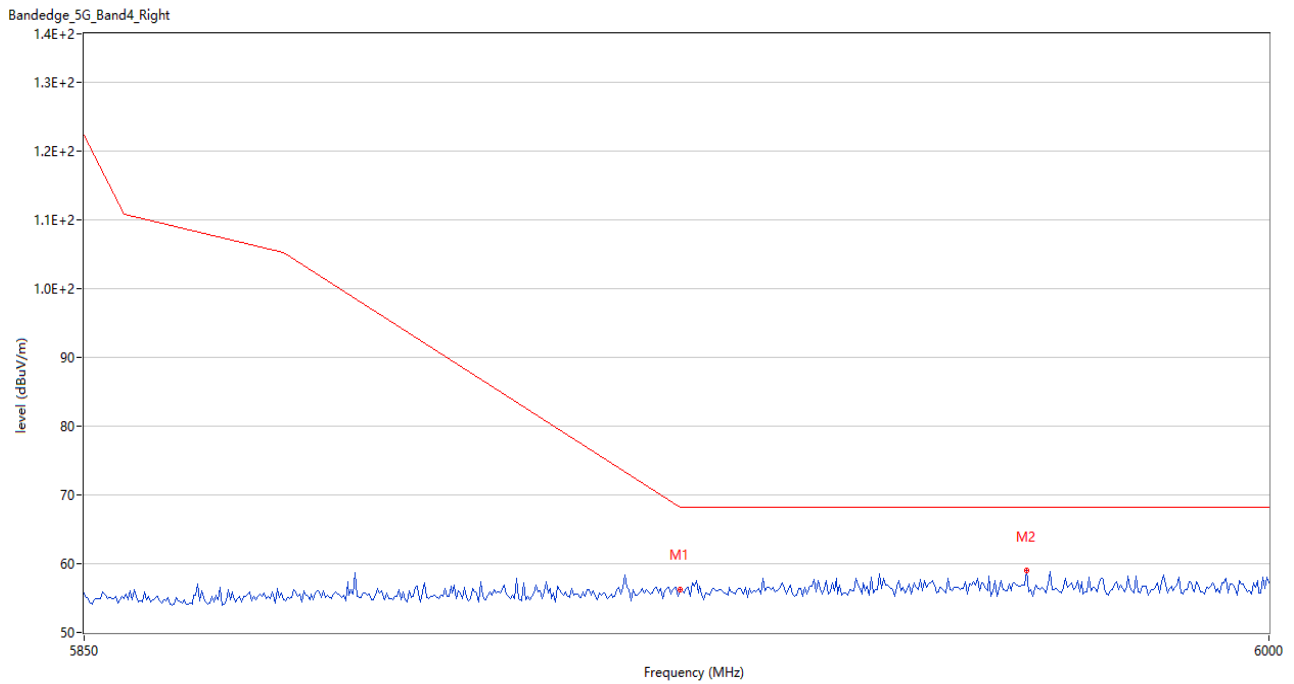
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.40	40.28	68.2	-12.80	Peak	10.00	150	Horizontal	Pass
2	5978.000	59.43	40.17	68.2	-8.77	Peak	9.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



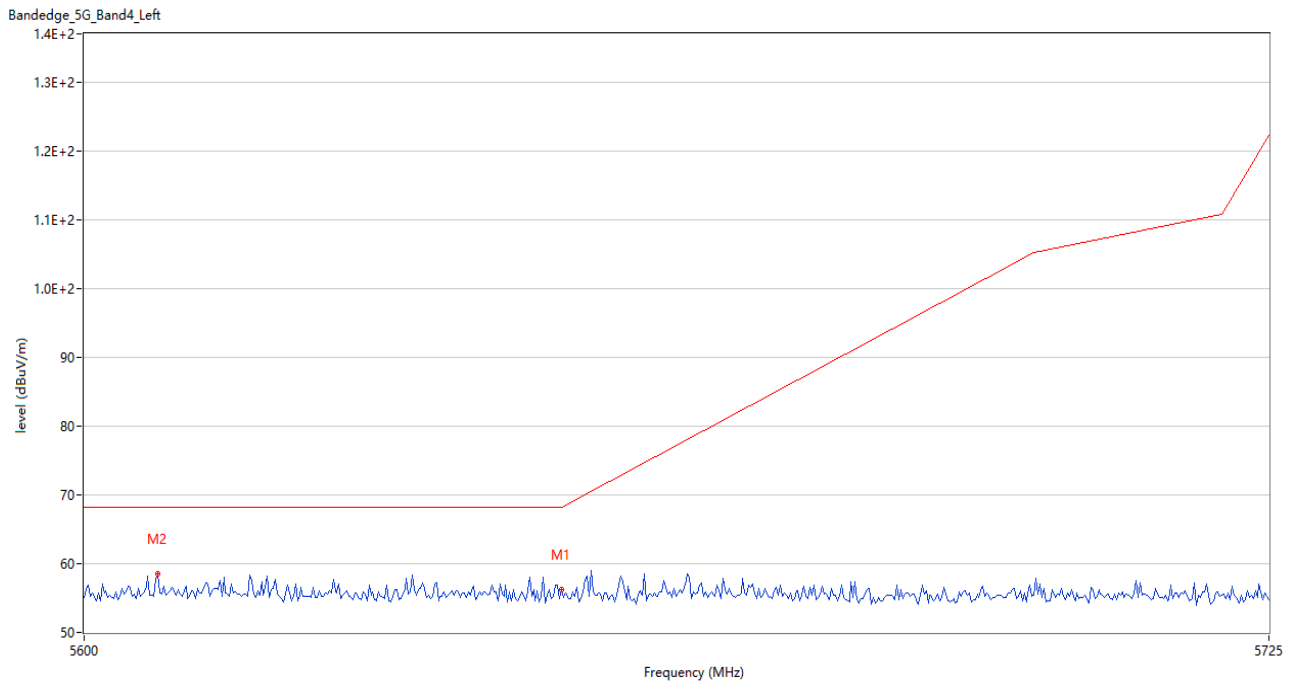
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	55.71	39.96	68.2	-12.49	Peak	5.00	150	Horizontal	Pass
2	5604.583	58.62	40.04	68.2	-9.58	Peak	12.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



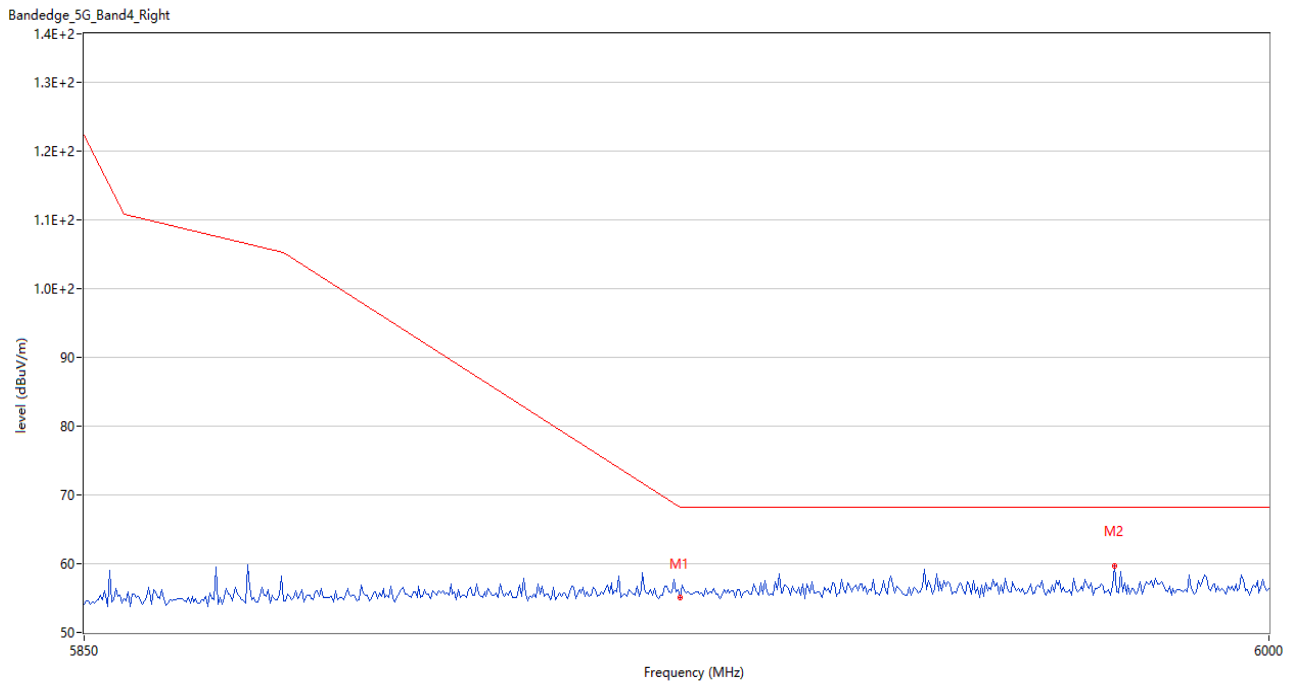
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.20	40.28	68.2	-12.00	Peak	1.00	150	Horizontal	Pass
2	5969.000	58.96	40.21	68.2	-9.24	Peak	1.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



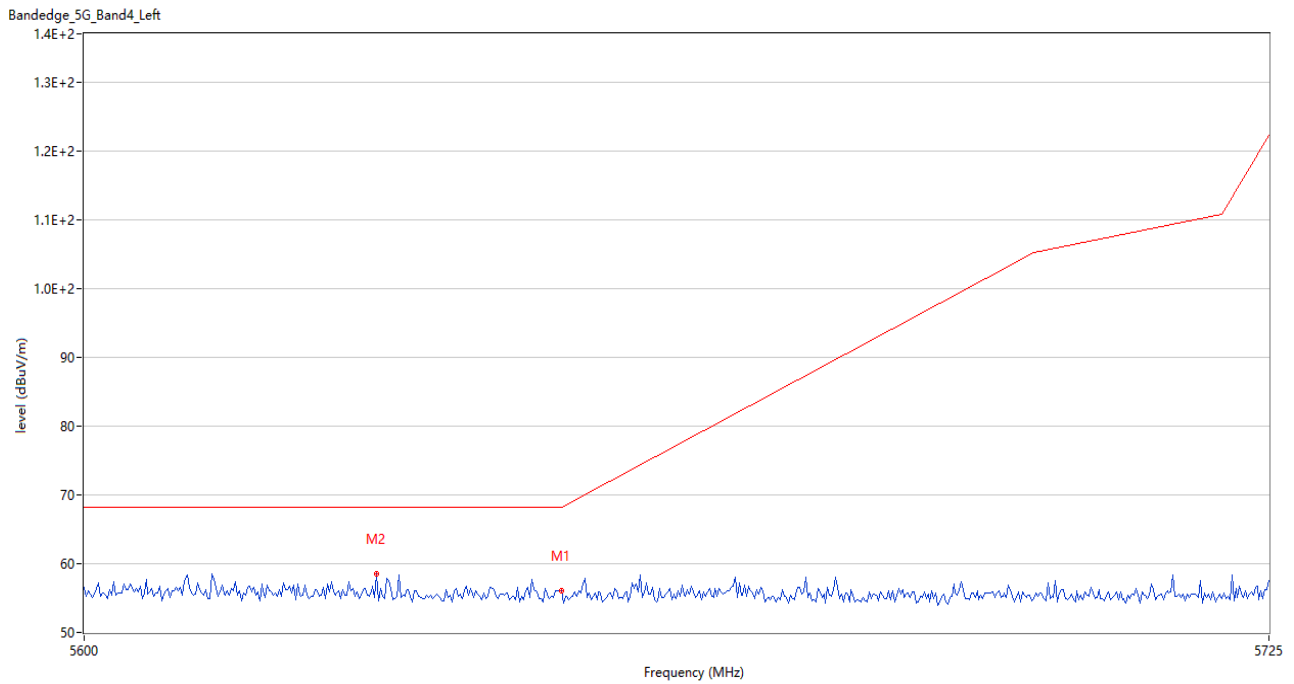
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.31	39.96	68.2	-11.89	Peak	6.00	150	Horizontal	Pass
2	5607.709	58.53	40.05	68.2	-9.67	Peak	11.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



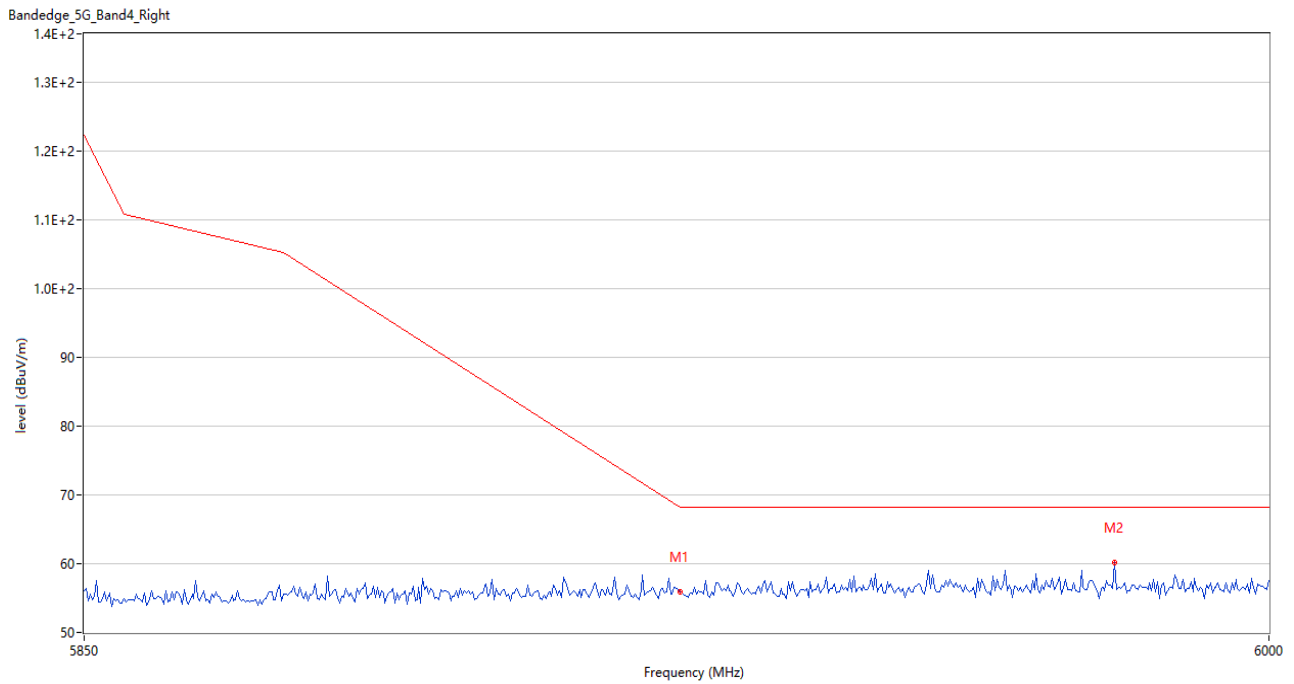
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.07	40.28	68.2	-13.13	Peak	2.00	150	Horizontal	Pass
2	5980.250	59.68	40.15	68.2	-8.52	Peak	15.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



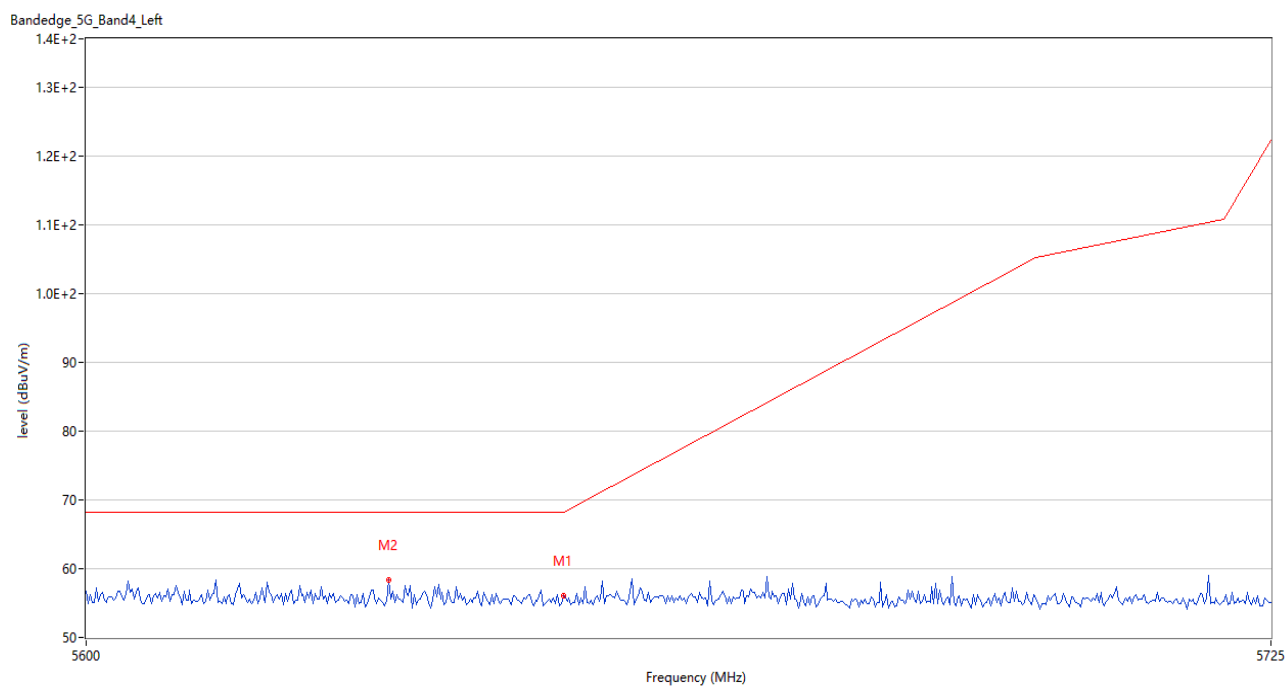
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.13	39.96	68.2	-12.07	Peak	1.00	150	Horizontal	Pass
2	5630.625	58.56	39.95	68.2	-9.64	Peak	15.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



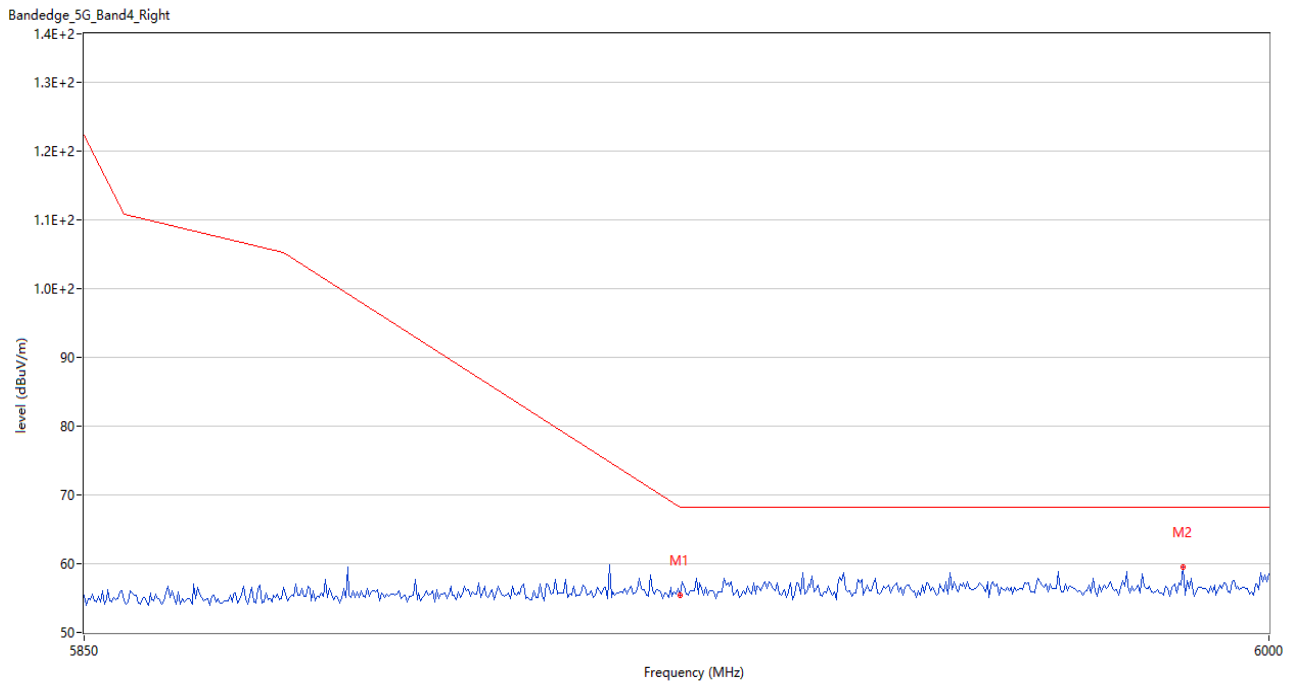
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.84	40.28	68.2	-12.36	Peak	13.00	150	Horizontal	Pass
2	5980.250	60.17	40.15	68.2	-8.03	Peak	2.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



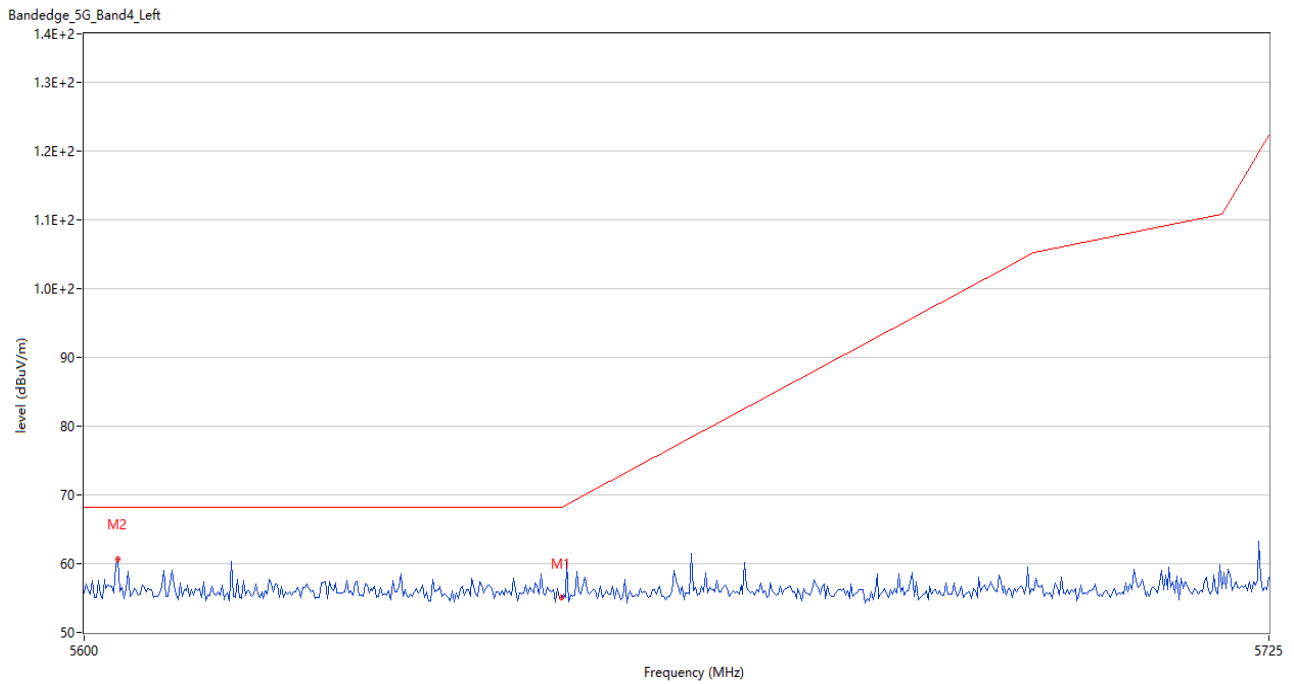
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.05	39.96	68.2	-12.15	Peak	15.00	150	Horizontal	Pass
2	5631.667	58.38	39.94	68.2	-9.82	Peak	13.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



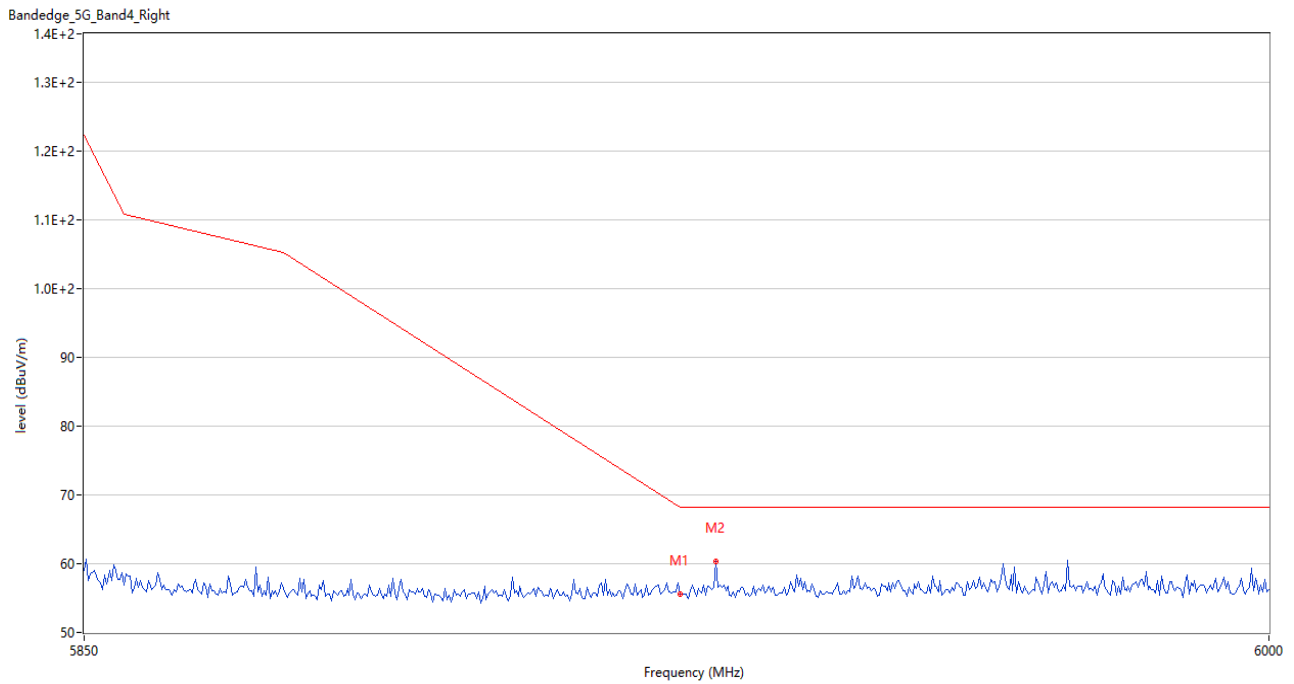
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.37	40.28	68.2	-12.83	Peak	4.00	150	Horizontal	Pass
2	5989.000	59.51	40.14	68.2	-8.69	Peak	7.00	150	Horizontal	Pass

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	5650.000	55.13	39.96	68.2	-13.07	Peak	13.00	150	Horizontal	Pass
2	5603.542	60.65	40.04	68.2	-7.55	Peak	0.00	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	5925.000	55.54	40.28	68.2	-12.66	Peak	9.00	150	Horizontal	Pass
2	5929.500	60.26	40.25	68.2	-7.94	Peak	3.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2170370-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "B BL-SZ2170370-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2170370-AI.PDF".

--END OF REPORT--