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检测
TESTING
CNAS L6791

TEST REPORT

Applicant:	Ugreen Group Limited
Address:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Equipment Type:	AC1300 High-Gain Dual-Band Wireless Adapter
Model Name:	CM493 (refer section 2.4)
Brand Name:	UGREEN
FCC ID:	2AQI5-CM493
Test Standard:	47 CFR Part 15 Subpart E (refer section 3.1)
Test Date:	Jul. 15, 2022 - Jul. 26, 2022
Date of Issue:	Aug. 18, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
Rev. 01	Aug. 18, 2022	Initial Issue

TABLE OF CONTENTS

1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Ugreen Group Limited
Address	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

2.2 Manufacturer Information

Manufacturer	Ugreen Group Limited
Address	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

2.3 Factory Information

Factory	Shenzhen Bilian Electronic Co., Ltd.
Address	501, Building 3, No.32, Dafu Road, Zhangge Community, Fucheng Street, Longhua District, Shenzhen City, Guangdong Province, P.R. China

2.4 General Description for Equipment under Test (EUT)

EUT Name	AC1300 High-Gain Dual-Band Wireless Adapter
Model Name Under Test	CM493
Series Model Name	50341
Description of Model name differentiation	The Circuit, PCB Layout, Electrical Parts, and appearance between the serial models are identical to the basic model, except the model names.
Hardware Version	VER A1.0
Software Version	1030.31.102.2018
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

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

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range		U-NII-1: 5150 MHz to 5250 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type		☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology		OFDM
Modulation Type		256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type		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: 13.96 dBm U-NII-3: 13.96 dBm
Antenna System (eg., MIMO, Smart Antenna)		Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac
Categorization as Correlated or Completely Uncorrelated		Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac
Antenna Type	Main Antenna	Dipole Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 3.0 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.0 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 3.0 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.0 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	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 6.01 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.01 dBi Formulas: Directional gain = *GANT* + 10 log(*NANT*) dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 3.00 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.00 dBi Formulas: Directional gain = *GANT*

	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 6.01 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.01 dBi Formulas: Directional gain = *GANT* + 10 log(*NANT*) dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 3.00 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.00 dBi Formulas: Directional gain = *GANT*
About the Product		The equipment is AC1300 High-Gain Dual-Band Wireless Adapter, 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.

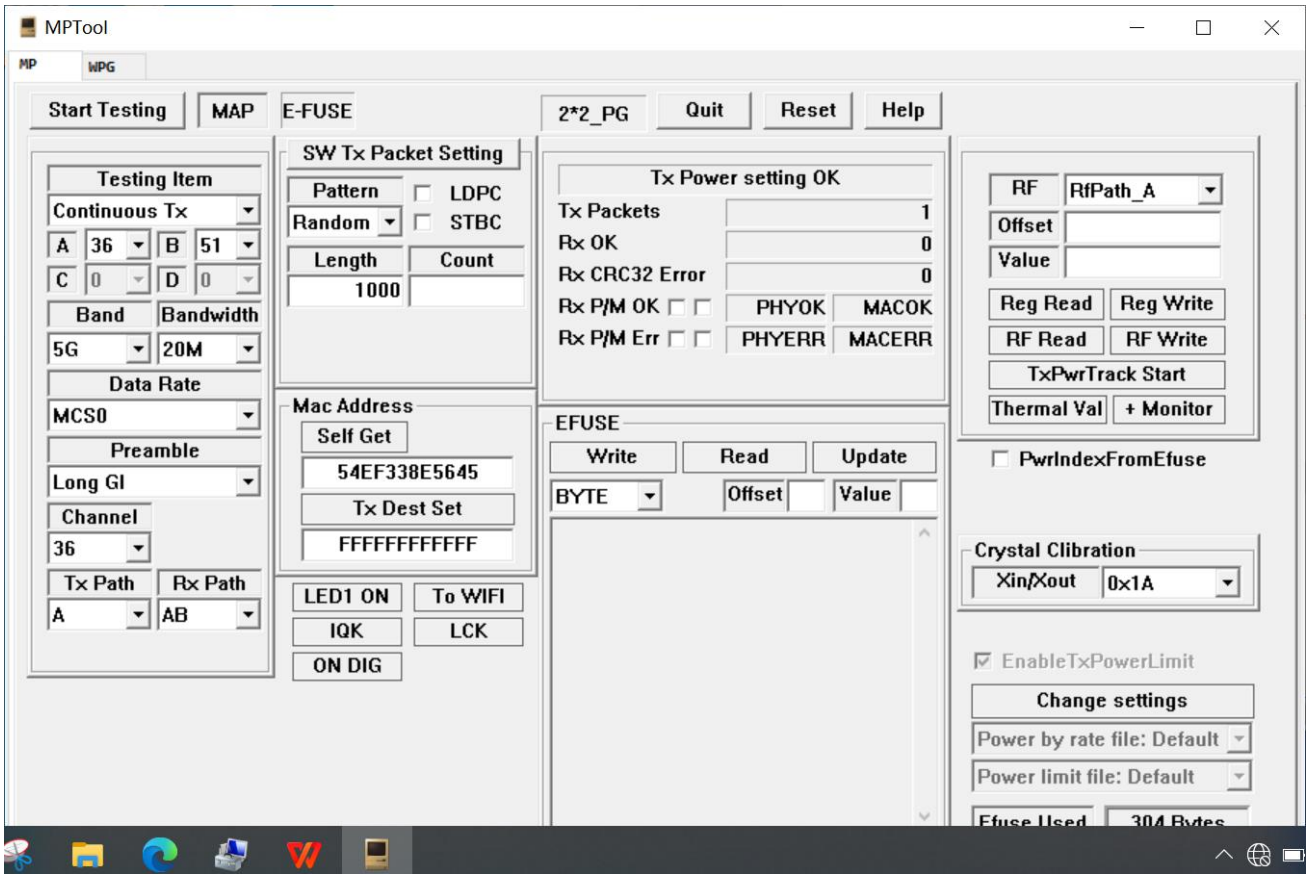
During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	MPTool		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	HP	N/A

U-NII-1 (5150 - 5250 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH36	5180	42	39	-	-
11a	CH44	5220	43	40	-	-
11a	CH48	5240	44	40	-	-
11n (HT20)	CH36	5180	42	39	38	35
11n (HT20)	CH44	5220	43	40	38	35
11n (HT20)	CH48	5240	44	40	40	37
11n (HT40)	CH38	5190	40	37	35	34
11n (HT40)	CH46	5230	41	38	36	34
11ac (VHT20)	CH36	5180	42	39	39	36
11ac (VHT20)	CH44	5220	43	40	40	37
11ac (VHT20)	CH48	5240	44	40	40	37
11ac (VHT40)	CH38	5190	40	38	35	34
11ac (VHT40)	CH46	5230	41	38	37	35
11ac (VHT80)	CH42	5210	37	36	34	33

U-NII-3 (5725 - 5850 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH149	5745	41	38	-	-
11a	CH157	5785	42	39	-	-
11a	CH165	5825	43	40	-	-
11n (HT20)	CH149	5745	41	38	36	34
11n (HT20)	CH157	5785	42	39	37	35
11n (HT20)	CH165	5825	43	40	39	35
11n (HT40)	CH151	5755	38	36	34	33
11n (HT40)	CH159	5795	40	37	35	34
11ac (VHT20)	CH149	5745	41	38	36	34
11ac (VHT20)	CH157	5785	42	39	37	34
11ac (VHT20)	CH165	5825	43	40	39	35
11ac (VHT40)	CH151	5755	39	36	34	33
11ac (VHT40)	CH159	5795	39	36	35	33
11ac (VHT80)	CH155	5775	37	35	34	33

Run Software:



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**	58	5290
44	**5220**	54	5270	106	5530
48	**5240**	62	5310	138	5690
52	**5260**	102	5510	**155**	**5775**
56	5280	110	5550		
60	**5300**	142	5710		
64	**5320**	**151**	**5755**		
100	**5500**	**159**	**5795**		
104	5520				
108	5540				
112	5560				
116	**5580**				
136	5680				
140	**5700**				
144	**5720**				
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

For 802.11ac(VHT80)

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

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass[Note1]
2	RF Output Power	15.407(a)	5.1.4	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	5.2.4	Pass
4	6 dB bandwidth	15.407(e)	5.2.4	Pass
5	Power Spectral Density	15.407(a)	5.3.4	Pass
6	Conducted Emission	15.207	5.4.4	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	5.5.4	Pass
8	Receiver Spurious Emissions	--	--	N/A[Note2]

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

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

Note [3]: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	51% to 62%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+23.4℃ to +25.3℃
	LT (Low Temperature)	0℃
	HT (High Temperature)	+40℃
Working Voltage of the EUT	NV (Normal Voltage)	5.0 V
	LV (Low Voltage)	4.5 V
	HV (High Voltage)	5.5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2022.05.19	2023.05.18
Power Sensor	ROHDE&SCHWARZ	NRP18S	102521	2022.03.09	2023.03.08
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2021.09.08	2022.09.07
Test Antenna-Horn (1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.09.04	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.10.10	2022.10.09
Test Antenna-Bi-Log (30 MHz-1 GHz)	SCHWARZBECK	VULB 9168	00883	2022.04.01	2025.03.31
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2021.10.10	2022.10.09
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	N/A	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

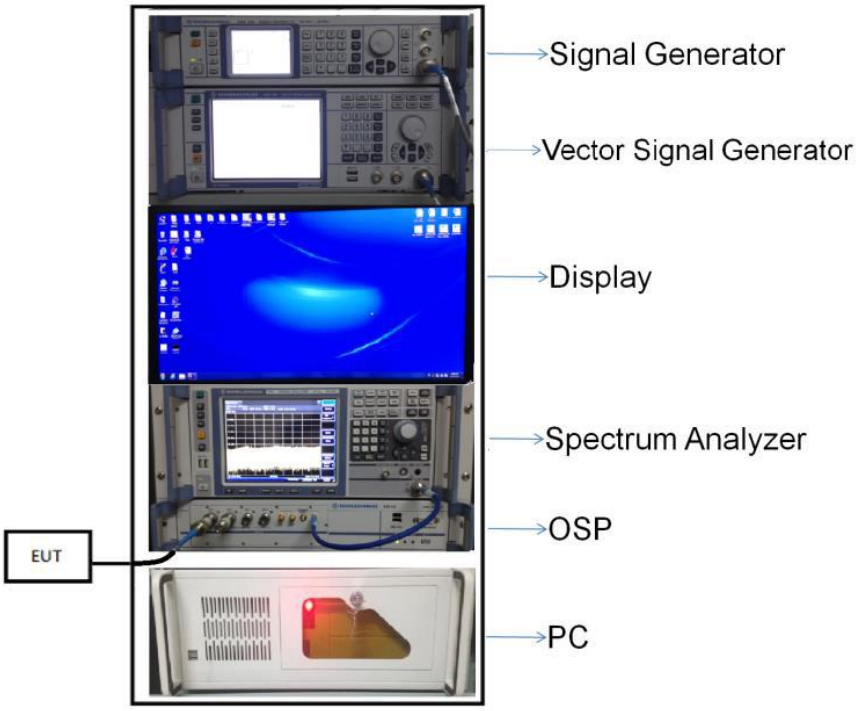
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82°C
Humidity	4.1%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

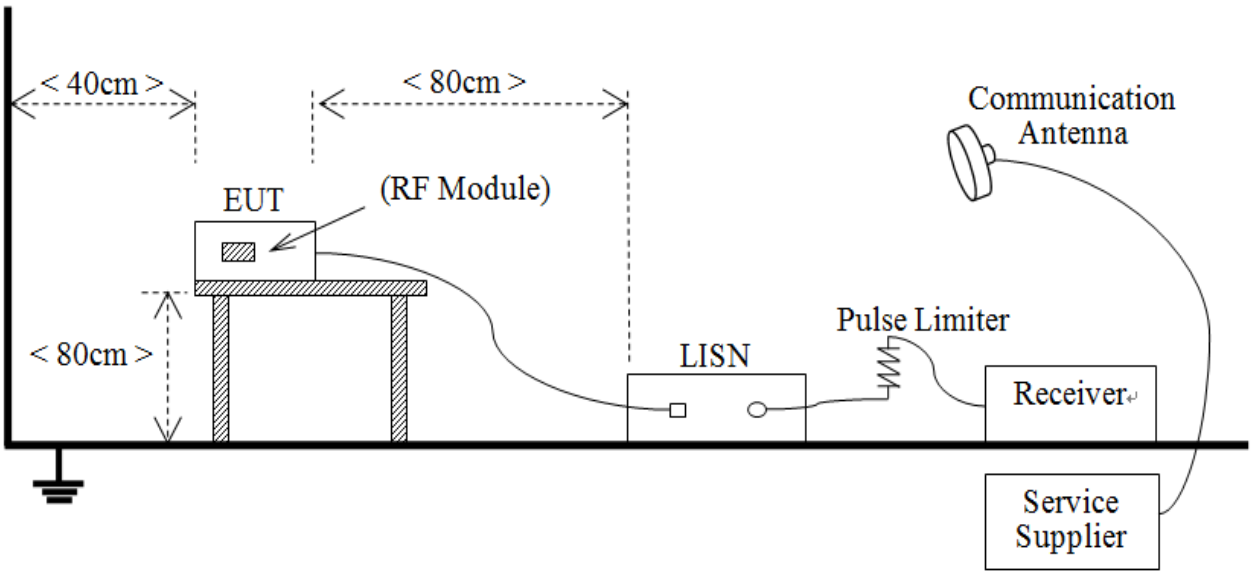
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



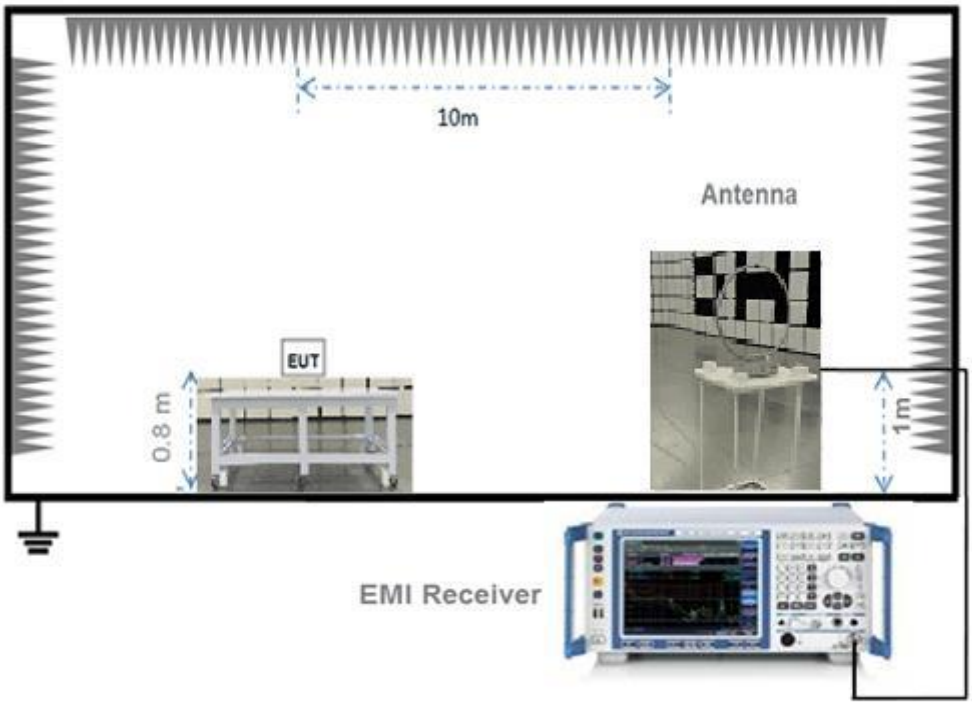
(Diagram 1)

4.5.2 For AC Power Supply Port Test



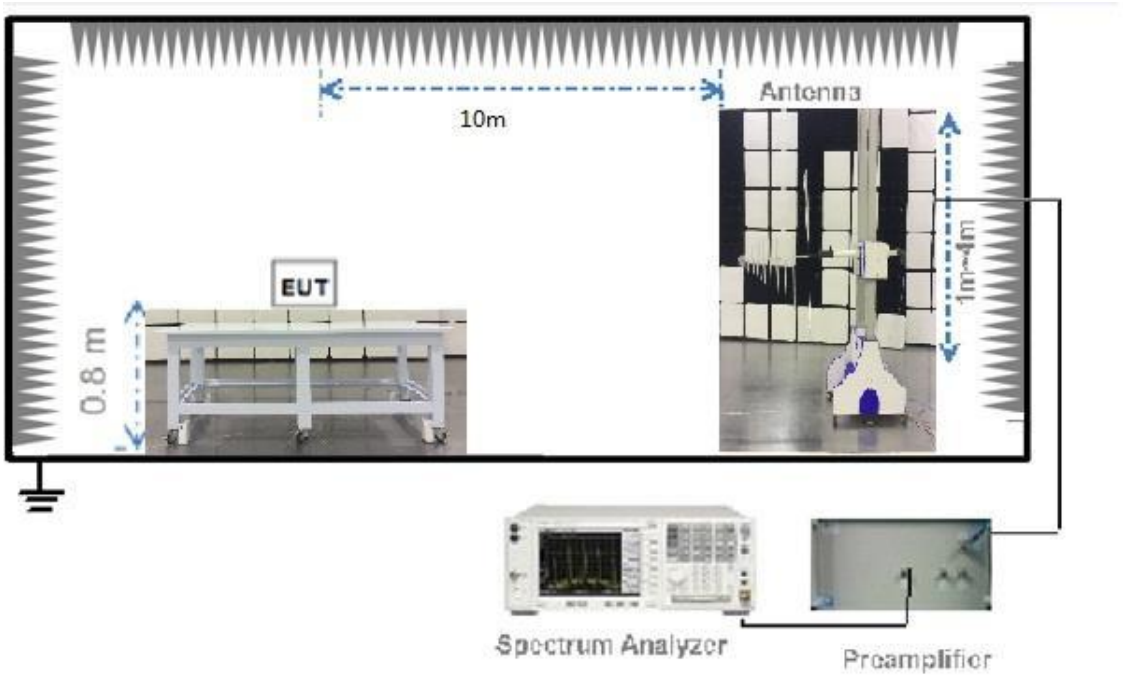
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



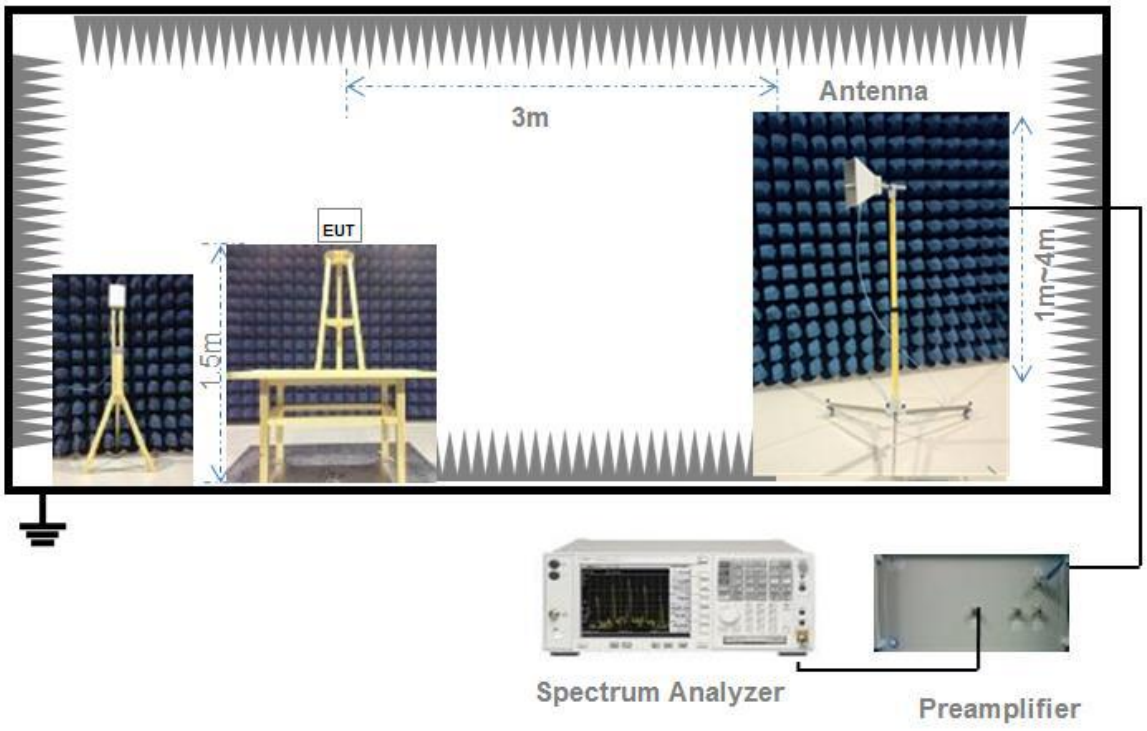
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

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

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	20.12	20.12	100.00%
11n (HT20)/11ac (VHT20)	20.12	20.12	100.00%
11n (HT40)/11ac (VHT40)	20.12	20.12	100.00%
11ac (VHT80)	20.12	20.12	100.00%

Test Data

Main Antenna

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.69	23.39	250	Pass
11a	CH44	13.74	23.66	250	Pass
11a	CH48	13.78	23.88	250	Pass
11n (HT20)	CH36	13.56	22.70	250	Pass
11n (HT20)	CH44	13.65	23.17	250	Pass
11n (HT20)	CH48	13.96	24.89	250	Pass
11n (HT40)	CH38	12.87	19.36	250	Pass
11n (HT40)	CH46	12.79	19.01	250	Pass
11ac (VHT20)	CH36	13.60	22.91	250	Pass
11ac (VHT20)	CH44	13.65	23.17	250	Pass
11ac (VHT20)	CH48	13.75	23.71	250	Pass
11ac (VHT40)	CH38	12.78	18.97	250	Pass
11ac (VHT40)	CH46	12.79	19.01	250	Pass
11ac (VHT80)	CH42	11.78	15.07	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.96	24.89	1000	Pass
11a	CH157	13.84	24.21	1000	Pass
11a	CH165	13.62	23.01	1000	Pass
11n (HT20)	CH149	13.96	24.89	1000	Pass
11n (HT20)	CH157	13.82	24.10	1000	Pass
11n (HT20)	CH165	13.67	23.28	1000	Pass
11n (HT40)	CH151	12.67	18.49	1000	Pass
11n (HT40)	CH159	12.87	19.36	1000	Pass
11ac (VHT20)	CH149	13.86	24.32	1000	Pass
11ac (VHT20)	CH157	13.75	23.71	1000	Pass
11ac (VHT20)	CH165	13.65	23.17	1000	Pass
11ac (VHT40)	CH151	12.86	19.32	1000	Pass
11ac (VHT40)	CH159	12.46	17.62	1000	Pass
11ac (VHT80)	CH155	11.42	13.87	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.74	23.66	250	Pass
11a	CH44	13.96	24.89	250	Pass
11a	CH48	13.79	23.93	250	Pass
11n (HT20)	CH36	13.53	22.54	250	Pass
11n (HT20)	CH44	13.78	23.88	250	Pass
11n (HT20)	CH48	13.57	22.75	250	Pass
11n (HT40)	CH38	12.56	18.03	250	Pass
11n (HT40)	CH46	12.84	19.23	250	Pass
11ac (VHT20)	CH36	13.89	24.49	250	Pass
11ac (VHT20)	CH44	13.91	24.60	250	Pass
11ac (VHT20)	CH48	13.75	23.71	250	Pass
11ac (VHT40)	CH38	12.92	19.59	250	Pass
11ac (VHT40)	CH46	12.89	19.45	250	Pass
11ac (VHT80)	CH42	11.73	14.89	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.77	23.82	1000	Pass
11a	CH157	13.76	23.77	1000	Pass
11a	CH165	13.70	23.44	1000	Pass
11n (HT20)	CH149	13.67	23.28	1000	Pass
11n (HT20)	CH157	13.95	24.83	1000	Pass
11n (HT20)	CH165	13.87	24.38	1000	Pass
11n (HT40)	CH151	12.75	18.84	1000	Pass
11n (HT40)	CH159	12.86	19.32	1000	Pass
11ac (VHT20)	CH149	13.76	23.77	1000	Pass
11ac (VHT20)	CH157	13.69	23.39	1000	Pass
11ac (VHT20)	CH165	13.89	24.49	1000	Pass
11ac (VHT40)	CH151	12.87	19.36	1000	Pass
11ac (VHT40)	CH159	12.63	18.32	1000	Pass
11ac (VHT80)	CH155	11.72	14.86	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	10.89	12.27	250	Pass
11n (HT20)	CH44	10.67	11.67	250	Pass
11n (HT20)	CH48	10.60	11.48	250	Pass
11n (HT40)	CH38	9.78	9.51	250	Pass
11n (HT40)	CH46	9.82	9.59	250	Pass
11ac (VHT20)	CH36	10.87	12.22	250	Pass
11ac (VHT20)	CH44	10.96	12.47	250	Pass
11ac (VHT20)	CH48	10.93	12.39	250	Pass
11ac (VHT40)	CH38	9.65	9.23	250	Pass
11ac (VHT40)	CH46	9.36	8.63	250	Pass
11ac (VHT80)	CH42	8.72	7.45	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	10.72	11.80	1000	Pass
11n (HT20)	CH157	10.85	12.16	1000	Pass
11n (HT20)	CH165	10.86	12.19	1000	Pass
11n (HT40)	CH151	9.76	9.46	1000	Pass
11n (HT40)	CH159	9.91	9.79	1000	Pass
11ac (VHT20)	CH149	10.84	12.13	1000	Pass
11ac (VHT20)	CH157	10.97	12.50	1000	Pass
11ac (VHT20)	CH165	10.80	12.02	1000	Pass
11ac (VHT40)	CH151	9.73	9.40	1000	Pass
11ac (VHT40)	CH159	9.61	9.14	1000	Pass
11ac (VHT80)	CH155	8.89	7.74	1000	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	10.58	11.43	250	Pass
11n (HT20)	CH44	10.57	11.40	250	Pass
11n (HT20)	CH48	10.83	12.11	250	Pass
11n (HT40)	CH38	9.82	9.59	250	Pass
11n (HT40)	CH46	9.78	9.51	250	Pass
11ac (VHT20)	CH36	10.87	12.22	250	Pass
11ac (VHT20)	CH44	10.75	11.89	250	Pass
11ac (VHT20)	CH48	10.69	11.72	250	Pass
11ac (VHT40)	CH38	9.78	9.51	250	Pass
11ac (VHT40)	CH46	9.58	9.08	250	Pass
11ac (VHT80)	CH42	8.40	6.92	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	10.57	11.40	1000	Pass
11n (HT20)	CH157	10.89	12.27	1000	Pass
11n (HT20)	CH165	10.87	12.22	1000	Pass
11n (HT40)	CH151	9.46	8.83	1000	Pass
11n (HT40)	CH159	9.82	9.59	1000	Pass
11ac (VHT20)	CH149	10.87	12.22	1000	Pass
11ac (VHT20)	CH157	10.65	11.61	1000	Pass
11ac (VHT20)	CH165	10.44	11.07	1000	Pass
11ac (VHT40)	CH151	9.85	9.66	1000	Pass
11ac (VHT40)	CH159	9.23	8.38	1000	Pass
11ac (VHT80)	CH155	8.78	7.55	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	13.75	23.70	250	Pass
11n (HT20)	CH44	13.63	23.07	250	Pass
11n (HT20)	CH48	13.73	23.59	250	Pass
11n (HT40)	CH38	12.81	19.10	250	Pass
11n (HT40)	CH46	12.81	19.10	250	Pass
11ac (VHT20)	CH36	13.88	24.44	250	Pass
11ac (VHT20)	CH44	13.87	24.36	250	Pass
11ac (VHT20)	CH48	13.82	24.11	250	Pass
11ac (VHT40)	CH38	12.73	18.73	250	Pass
11ac (VHT40)	CH46	12.48	17.71	250	Pass
11ac (VHT80)	CH42	11.57	14.37	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	13.66	23.21	1000	Pass
11n (HT20)	CH157	13.88	24.44	1000	Pass
11n (HT20)	CH165	13.88	24.41	1000	Pass
11n (HT40)	CH151	12.62	18.29	1000	Pass
11n (HT40)	CH159	12.88	19.39	1000	Pass
11ac (VHT20)	CH149	13.87	24.35	1000	Pass
11ac (VHT20)	CH157	13.82	24.12	1000	Pass
11ac (VHT20)	CH165	13.63	23.09	1000	Pass
11ac (VHT40)	CH151	12.80	19.06	1000	Pass
11ac (VHT40)	CH159	12.43	17.52	1000	Pass
11ac (VHT80)	CH155	11.85	15.30	1000	Pass

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2270384-602 Data Part 1.pdf”.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.39	16.69
11a	CH44	21.27	16.68
11a	CH48	21.37	16.69
11n (HT20)	CH36	22.18	17.85
11n (HT20)	CH44	22.15	17.84
11n (HT20)	CH48	22.11	17.85
11n (HT40)	CH38	43.22	36.54
11n (HT40)	CH46	43.13	36.52
11ac (VHT20)	CH36	22.04	17.87
11ac (VHT20)	CH44	22.02	17.86
11ac (VHT20)	CH48	22.02	17.86
11ac (VHT40)	CH38	43.05	36.55
11ac (VHT40)	CH46	43.09	36.52
11ac (VHT80)	CH42	82.93	75.63

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.22	16.68
11a	CH157	21.21	16.67
11a	CH165	22.09	17.83
11n (HT20)	CH149	22.12	17.83
11n (HT20)	CH157	22.07	17.82
11n (HT20)	CH165	22.05	17.82
11n (HT40)	CH151	43.07	36.51
11n (HT40)	CH159	42.96	36.51
11ac (VHT20)	CH149	22.08	17.85
11ac (VHT20)	CH157	22.08	17.84
11ac (VHT20)	CH165	22.09	17.85
11ac (VHT40)	CH151	43.10	36.51
11ac (VHT40)	CH159	42.91	36.51
11ac (VHT80)	CH155	82.84	75.55

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.14	16.66
11a	CH44	21.12	16.66
11a	CH48	21.08	16.65
11n (HT20)	CH36	21.91	17.81
11n (HT20)	CH44	21.86	17.80
11n (HT20)	CH48	21.85	17.80
11n (HT40)	CH38	43.00	36.45
11n (HT40)	CH46	43.01	36.46
11ac (VHT20)	CH36	21.91	17.82
11ac (VHT20)	CH44	21.81	17.83
11ac (VHT20)	CH48	21.84	17.79
11ac (VHT40)	CH38	42.90	36.46
11ac (VHT40)	CH46	43.02	36.45
11ac (VHT80)	CH42	82.94	75.59

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.06	17.80
11a	CH157	21.88	17.79
11a	CH165	21.08	16.65
11n (HT20)	CH149	22.01	17.81
11n (HT20)	CH157	21.88	17.79
11n (HT20)	CH165	21.92	17.80
11n (HT40)	CH151	43.03	36.45
11n (HT40)	CH159	43.02	36.42
11ac (VHT20)	CH149	21.88	17.82
11ac (VHT20)	CH157	21.87	17.81
11ac (VHT20)	CH165	21.91	17.82
11ac (VHT40)	CH151	42.92	36.46
11ac (VHT40)	CH159	42.92	36.44
11ac (VHT80)	CH155	82.70	75.53

6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2270384-602 Data Part 2.pdf”.

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.65	500.00	Pass
11a	CH157	16.65	500.00	Pass
11a	CH165	17.80	500.00	Pass
11n (HT20)	CH149	17.85	500.00	Pass
11n (HT20)	CH157	17.85	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	36.60	500.00	Pass
11n (HT40)	CH159	36.60	500.00	Pass
11ac (VHT20)	CH149	17.90	500.00	Pass
11ac (VHT20)	CH157	17.90	500.00	Pass
11ac (VHT20)	CH165	17.90	500.00	Pass
11ac (VHT40)	CH151	36.60	500.00	Pass
11ac (VHT40)	CH159	36.55	500.00	Pass
11ac (VHT80)	CH155	76.20	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	17.80	500.00	Pass
11a	CH157	17.80	500.00	Pass
11a	CH165	16.65	500.00	Pass
11n (HT20)	CH149	17.80	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	36.55	500.00	Pass
11n (HT40)	CH159	36.60	500.00	Pass
11ac (VHT20)	CH149	17.85	500.00	Pass
11ac (VHT20)	CH157	17.85	500.00	Pass
11ac (VHT20)	CH165	17.90	500.00	Pass
11ac (VHT40)	CH151	36.60	500.00	Pass
11ac (VHT40)	CH159	36.60	500.00	Pass
11ac (VHT80)	CH155	76.15	500.00	Pass

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

5.3.4 Test Result

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2270384-602 Data Part 3.pdf”.
Note [2]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.94	11.00	Pass
11a	CH44	2.90	11.00	Pass
11a	CH48	3.28	11.00	Pass
11n (HT20)	CH36	2.63	11.00	Pass
11n (HT20)	CH44	2.68	11.00	Pass
11n (HT20)	CH48	2.97	11.00	Pass
11n (HT40)	CH38	-0.91	11.00	Pass
11n (HT40)	CH46	-0.90	11.00	Pass
11ac (VHT20)	CH36	2.66	11.00	Pass
11ac (VHT20)	CH44	2.68	11.00	Pass
11ac (VHT20)	CH48	3.03	11.00	Pass
11ac (VHT40)	CH38	-0.86	11.00	Pass
11ac (VHT40)	CH46	-0.97	11.00	Pass
11ac (VHT80)	CH42	-5.36	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.99	30.00	Pass
11a	CH157	-0.53	30.00	Pass
11a	CH165	-1.56	30.00	Pass
11n (HT20)	CH149	-2.11	30.00	Pass
11n (HT20)	CH157	-1.60	30.00	Pass
11n (HT20)	CH165	-1.72	30.00	Pass
11n (HT40)	CH151	-6.13	30.00	Pass
11n (HT40)	CH159	-5.14	30.00	Pass
11ac (VHT20)	CH149	-2.03	30.00	Pass
11ac (VHT20)	CH157	-1.36	30.00	Pass
11ac (VHT20)	CH165	-1.67	30.00	Pass
11ac (VHT40)	CH151	-5.47	30.00	Pass
11ac (VHT40)	CH159	-5.49	30.00	Pass
11ac (VHT80)	CH155	-9.15	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.91	11.00	Pass
11a	CH44	2.76	11.00	Pass
11a	CH48	2.57	11.00	Pass
11n (HT20)	CH36	2.75	11.00	Pass
11n (HT20)	CH44	2.02	11.00	Pass
11n (HT20)	CH48	1.80	11.00	Pass
11n (HT40)	CH38	-1.61	11.00	Pass
11n (HT40)	CH46	-2.74	11.00	Pass
11ac (VHT20)	CH36	1.07	11.00	Pass
11ac (VHT20)	CH44	1.11	11.00	Pass
11ac (VHT20)	CH48	2.28	11.00	Pass
11ac (VHT40)	CH38	-0.61	11.00	Pass
11ac (VHT40)	CH46	-1.48	11.00	Pass
11ac (VHT80)	CH42	-4.57	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.45	30.00	Pass
11a	CH157	-1.10	30.00	Pass
11a	CH165	-0.63	30.00	Pass
11n (HT20)	CH149	-1.47	30.00	Pass
11n (HT20)	CH157	-2.12	30.00	Pass
11n (HT20)	CH165	-1.12	30.00	Pass
11n (HT40)	CH151	-5.80	30.00	Pass
11n (HT40)	CH159	-5.35	30.00	Pass
11ac (VHT20)	CH149	-1.97	30.00	Pass
11ac (VHT20)	CH157	-1.42	30.00	Pass
11ac (VHT20)	CH165	-1.17	30.00	Pass
11ac (VHT40)	CH151	-6.04	30.00	Pass
11ac (VHT40)	CH159	-7.35	30.00	Pass
11ac (VHT80)	CH155	-8.51	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	-1.01	11.00	Pass
11n (HT20)	CH44	-0.93	11.00	Pass
11n (HT20)	CH48	-0.71	11.00	Pass
11n (HT40)	CH38	-5.38	11.00	Pass
11n (HT40)	CH46	-5.34	11.00	Pass
11ac (VHT20)	CH36	-0.85	11.00	Pass
11ac (VHT20)	CH44	-1.18	11.00	Pass
11ac (VHT20)	CH48	-0.87	11.00	Pass
11ac (VHT40)	CH38	-4.72	11.00	Pass
11ac (VHT40)	CH46	-4.17	11.00	Pass
11ac (VHT80)	CH42	-7.97	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-5.04	30.00	Pass
11n (HT20)	CH157	-4.66	30.00	Pass
11n (HT20)	CH165	-3.76	30.00	Pass
11n (HT40)	CH151	-8.57	30.00	Pass
11n (HT40)	CH159	-8.05	30.00	Pass
11ac (VHT20)	CH149	-4.95	30.00	Pass
11ac (VHT20)	CH157	-4.20	30.00	Pass
11ac (VHT20)	CH165	-4.33	30.00	Pass
11ac (VHT40)	CH151	-8.30	30.00	Pass
11ac (VHT40)	CH159	-8.01	30.00	Pass
11ac (VHT80)	CH155	-11.04	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	-2.16	11.00	Pass
11n (HT20)	CH44	-2.29	11.00	Pass
11n (HT20)	CH48	-1.69	11.00	Pass
11n (HT40)	CH38	-4.72	11.00	Pass
11n (HT40)	CH46	-5.44	11.00	Pass
11ac (VHT20)	CH36	-0.82	11.00	Pass
11ac (VHT20)	CH44	-1.51	11.00	Pass
11ac (VHT20)	CH48	-1.34	11.00	Pass
11ac (VHT40)	CH38	-4.81	11.00	Pass
11ac (VHT40)	CH46	-4.96	11.00	Pass
11ac (VHT80)	CH42	-8.53	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-4.40	30.00	Pass
11n (HT20)	CH157	-4.07	30.00	Pass
11n (HT20)	CH165	-4.89	30.00	Pass
11n (HT40)	CH151	-8.41	30.00	Pass
11n (HT40)	CH159	-7.40	30.00	Pass
11ac (VHT20)	CH149	-4.42	30.00	Pass
11ac (VHT20)	CH157	-5.42	30.00	Pass
11ac (VHT20)	CH165	-5.23	30.00	Pass
11ac (VHT40)	CH151	-8.33	30.00	Pass
11ac (VHT40)	CH159	-8.27	30.00	Pass
11ac (VHT80)	CH155	-11.08	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	1.46	11.00	Pass
11n (HT20)	CH44	1.46	11.00	Pass
11n (HT20)	CH48	1.84	11.00	Pass
11n (HT40)	CH38	-2.03	11.00	Pass
11n (HT40)	CH46	-2.38	11.00	Pass
11ac (VHT20)	CH36	2.18	11.00	Pass
11ac (VHT20)	CH44	1.67	11.00	Pass
11ac (VHT20)	CH48	1.91	11.00	Pass
11ac (VHT40)	CH38	-1.76	11.00	Pass
11ac (VHT40)	CH46	-1.54	11.00	Pass
11ac (VHT80)	CH42	-5.23	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-1.70	30.00	Pass
11n (HT20)	CH157	-1.34	30.00	Pass
11n (HT20)	CH165	-1.28	30.00	Pass
11n (HT40)	CH151	-5.48	30.00	Pass
11n (HT40)	CH159	-4.70	30.00	Pass
11ac (VHT20)	CH149	-1.67	30.00	Pass
11ac (VHT20)	CH157	-1.76	30.00	Pass
11ac (VHT20)	CH165	-1.75	30.00	Pass
11ac (VHT40)	CH151	-5.30	30.00	Pass
11ac (VHT40)	CH159	-5.13	30.00	Pass
11ac (VHT80)	CH155	-8.05	30.00	Pass

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

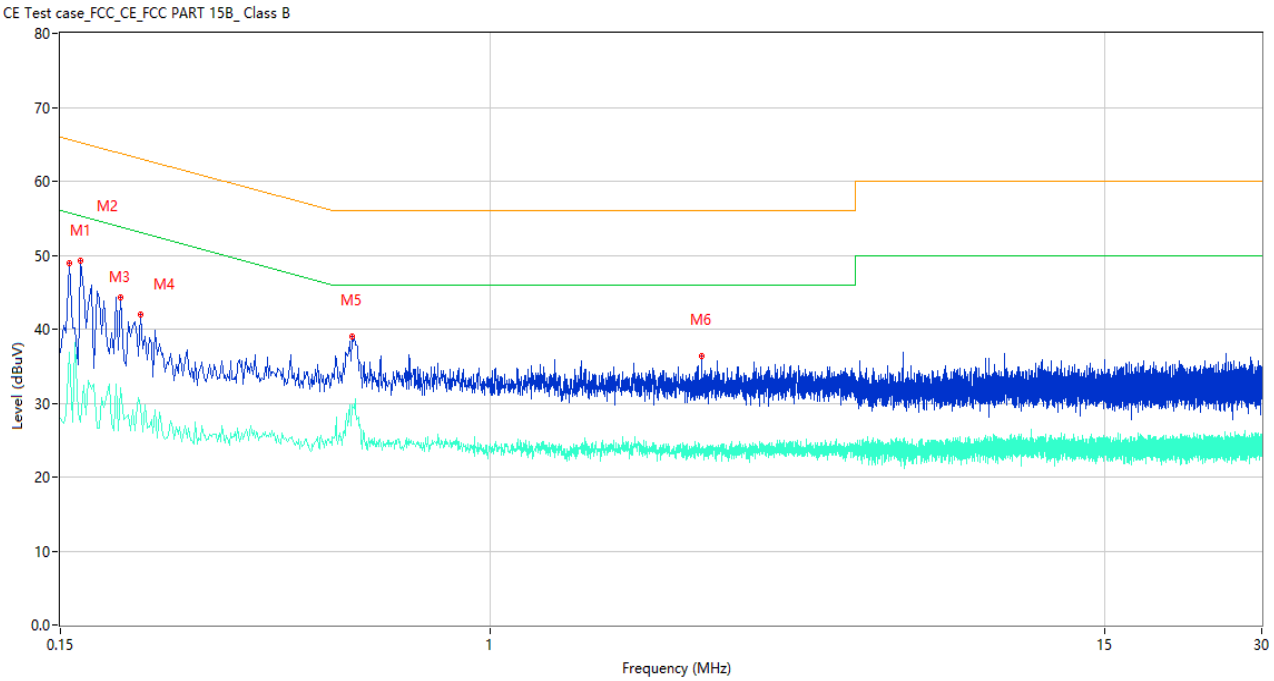
The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT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

5.4.4 Test Result

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

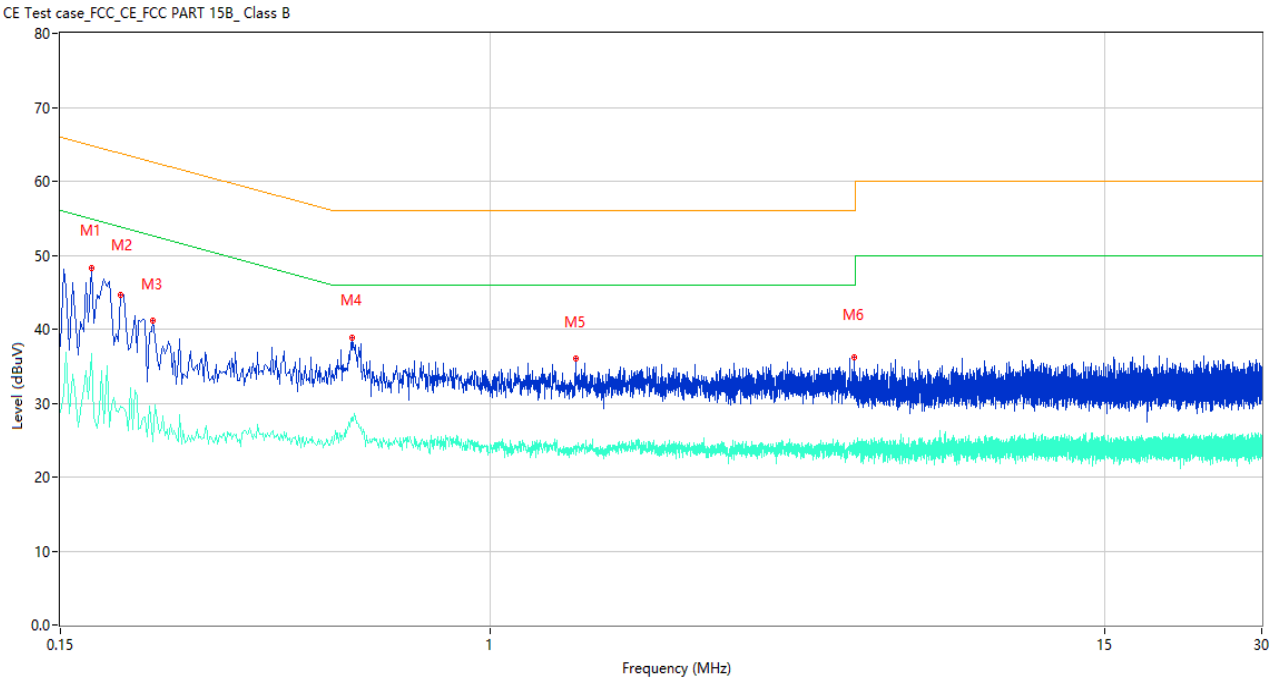
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	48.88	10.09	65.67	-16.79	Peak	L	Pass
1**	0.156	36.81	10.09	55.67	-18.86	AV	L	Pass
2	0.164	49.29	10.08	65.26	-15.97	Peak	L	Pass
2**	0.164	27.52	10.08	55.26	-27.74	AV	L	Pass
3	0.196	44.36	10.06	63.78	-19.42	Peak	L	Pass
3**	0.196	32.12	10.06	53.78	-21.66	AV	L	Pass
4	0.214	41.98	10.04	63.05	-21.07	Peak	L	Pass
4**	0.214	29.62	10.04	53.05	-23.43	AV	L	Pass
5	0.544	39.01	10.21	56.00	-16.99	Peak	L	Pass
5**	0.544	29.34	10.21	46.00	-16.66	AV	L	Pass
6	2.540	36.43	10.19	56.00	-19.57	Peak	L	Pass
6**	2.540	23.38	10.19	46.00	-22.62	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	48.32	10.07	64.86	-16.54	Peak	N	Pass
1**	0.172	36.63	10.07	54.86	-18.23	AV	N	Pass
2	0.196	44.69	10.06	63.78	-19.09	Peak	N	Pass
2**	0.196	29.51	10.06	53.78	-24.27	AV	N	Pass
3	0.226	41.14	10.03	62.60	-21.46	Peak	N	Pass
3**	0.226	24.82	10.03	52.60	-27.78	AV	N	Pass
4	0.544	38.91	10.21	56.00	-17.09	Peak	N	Pass
4**	0.544	27.63	10.21	46.00	-18.37	AV	N	Pass
5	1.454	36.07	10.18	56.00	-19.93	Peak	N	Pass
5**	1.454	24.34	10.18	46.00	-21.66	AV	N	Pass
6	4.980	36.26	10.40	56.00	-19.74	Peak	N	Pass
6**	4.980	24.18	10.40	46.00	-21.82	AV	N	Pass

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

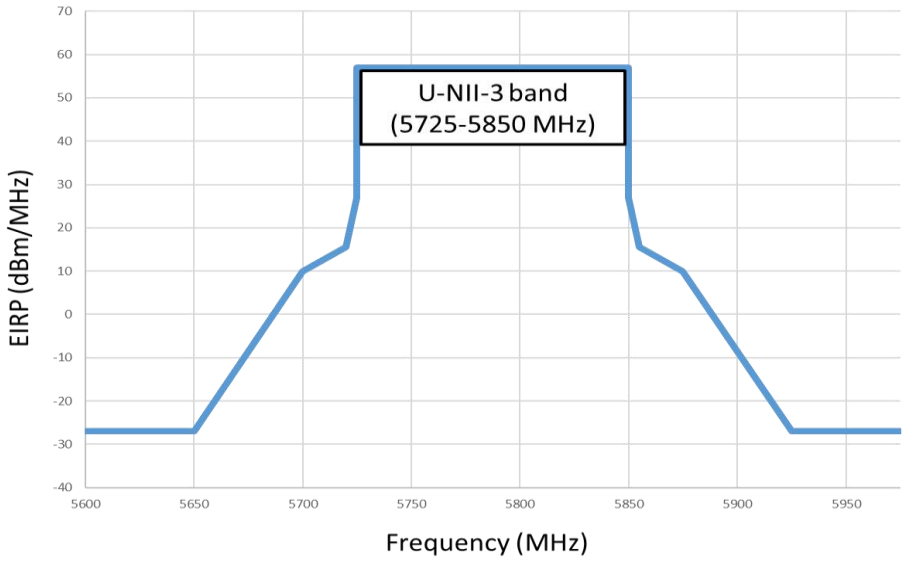
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C

Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

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:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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 ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB

averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Radiated Spurious Emissions

Test Data

Note [1]: The symbol of “--” in the table which means not application.

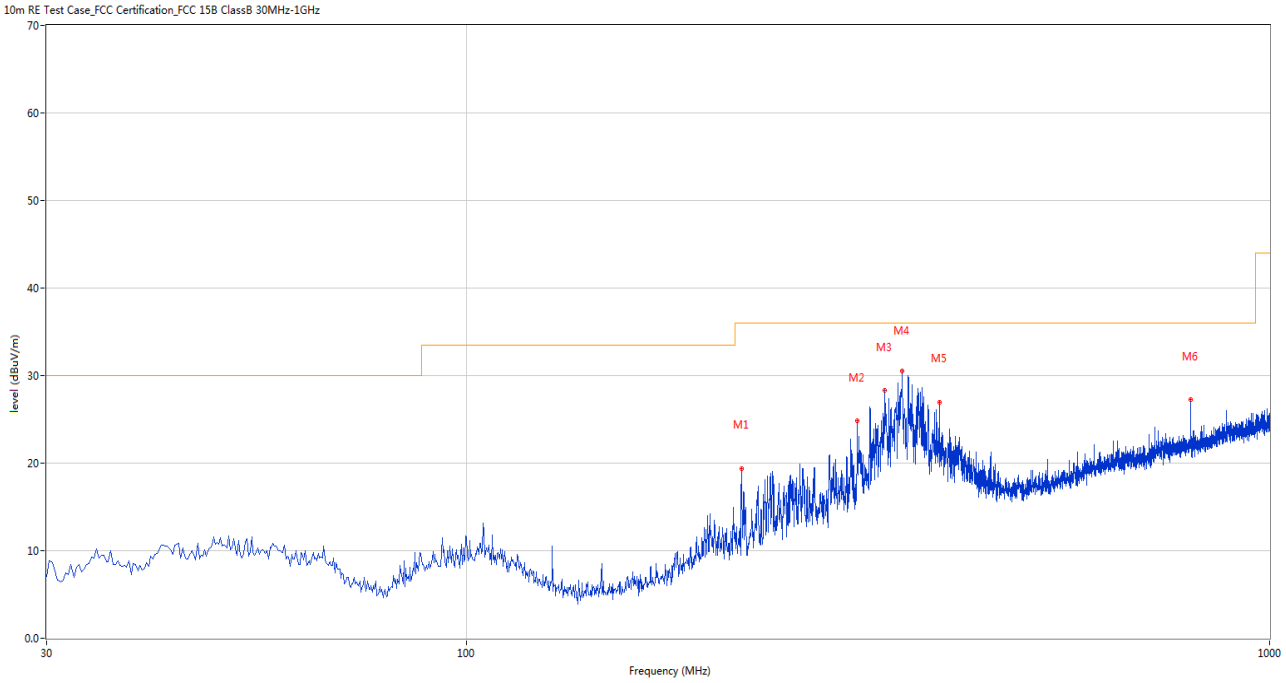
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

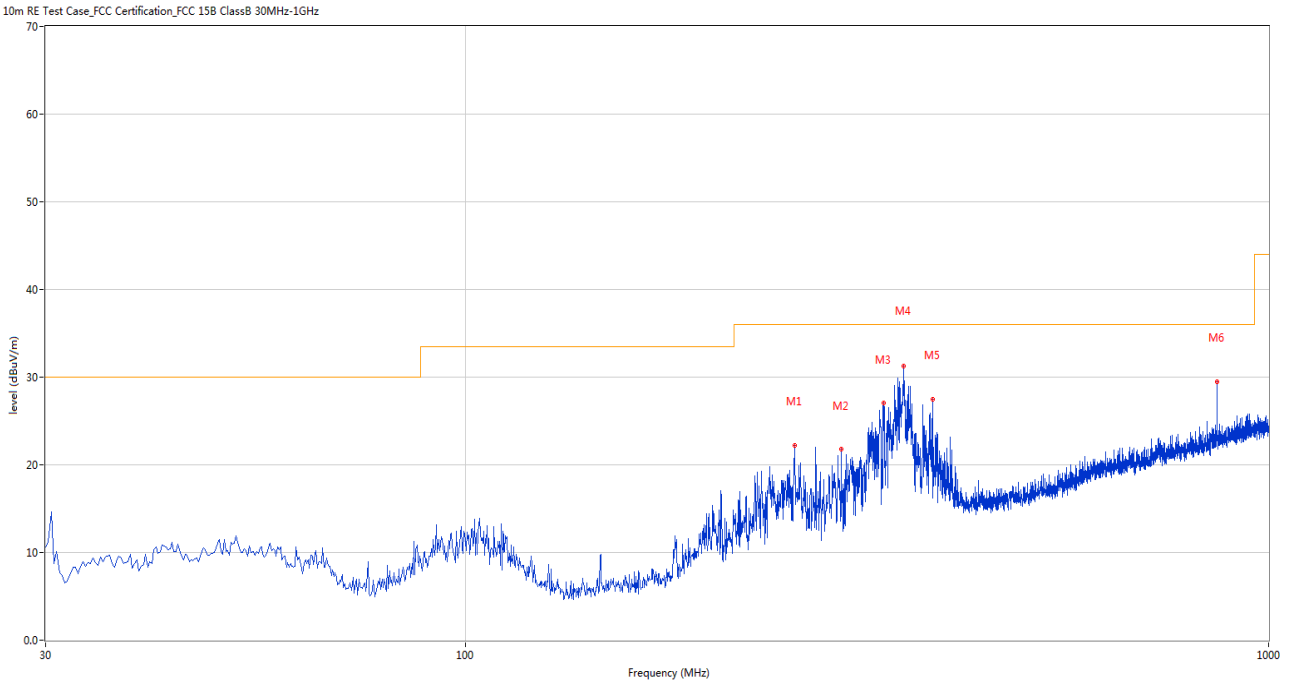
Note [5]: For Multiple transmitter output, the quantity *10 log (NANT)* dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding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

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	220.072	19.38	-27.58	36.0	-16.62	Peak	166.00	200	Horizontal	Pass
2	306.623	24.79	-24.68	36.0	-11.21	Peak	226.00	200	Horizontal	Pass
3	331.352	28.28	-23.96	36.0	-7.72	Peak	357.00	200	Horizontal	Pass
4	348.565	30.56	-23.48	36.0	-5.44	Peak	60.00	200	Horizontal	Pass
5	388.083	26.95	-22.83	36.0	-9.05	Peak	256.00	200	Horizontal	Pass
6	798.048	27.26	-14.32	36.0	-8.74	Peak	144.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	257.166	22.21	-25.94	36.0	-13.79	Peak	194.00	100	Vertical	Pass
2	293.774	21.78	-25.29	36.0	-14.22	Peak	134.00	100	Vertical	Pass
3	331.352	27.01	-23.96	36.0	-8.99	Peak	255.00	100	Vertical	Pass
4	350.990	31.21	-23.51	36.0	-4.79	Peak	310.00	100	Vertical	Pass
5	381.295	27.49	-23.02	36.0	-8.51	Peak	315.00	100	Vertical	Pass
6	863.022	29.52	-13.08	36.0	-6.48	Peak	105.00	200	Vertical	Pass

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

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.600	39.62	-17.56	74.0	-34.38	Peak	209.00	100	Horizontal	Pass
1**	1598.600	29.73	-17.56	54.0	-24.27	AV	209.00	100	Horizontal	Pass
2	4360.200	49.48	-3.76	74.0	-24.52	Peak	115.00	400	Horizontal	Pass
2**	4360.200	40.99	-3.76	54.0	-13.01	AV	115.00	400	Horizontal	Pass
3	5185.400	101.67	-2.85	--	--	Peak	341.00	200	Horizontal	N/A
3**	5185.400	94.51	-2.85	--	--	AV	341.00	200	Horizontal	N/A
4	7349.600	49.35	-3.87	74.0	-24.65	Peak	227.00	300	Horizontal	Pass
4**	7349.600	40.44	-3.87	54.0	-13.56	AV	227.00	300	Horizontal	Pass
5	11441.588	53.35	-0.06	74.0	-20.65	Peak	130.00	150	Horizontal	Pass
5**	11441.588	42.40	-0.06	54.0	-11.60	AV	130.00	150	Horizontal	Pass
6	16086.375	56.13	1.50	74.0	-17.87	Peak	97.00	300	Horizontal	Pass
6**	16086.375	46.73	1.50	54.0	-7.27	AV	97.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.900	38.43	-17.54	74.0	-35.57	Peak	112.00	150	Vertical	Pass
1**	1547.900	29.10	-17.54	54.0	-24.90	AV	112.00	150	Vertical	Pass
2	4258.600	50.21	-4.77	74.0	-23.79	Peak	360.00	400	Vertical	Pass
2**	4258.600	40.11	-4.77	54.0	-13.89	AV	360.00	400	Vertical	Pass
3	5184.200	104.71	-2.81	--	--	Peak	51.00	100	Vertical	N/A
3**	5184.200	97.18	-2.81	--	--	AV	51.00	100	Vertical	N/A
4	7383.813	49.91	-3.85	74.0	-24.09	Peak	76.00	100	Vertical	Pass
4**	7383.813	40.70	-3.85	54.0	-13.30	AV	76.00	100	Vertical	Pass
5	12265.562	52.65	1.31	74.0	-21.35	Peak	76.00	200	Vertical	Pass
5**	12265.562	43.74	1.31	54.0	-10.26	AV	76.00	200	Vertical	Pass
6	15842.775	55.09	1.40	74.0	-18.91	Peak	329.00	300	Vertical	Pass
6**	15842.775	46.10	1.40	54.0	-7.90	AV	329.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.000	38.95	-17.57	74.0	-35.05	Peak	289.00	400	Horizontal	Pass
1**	1530.000	30.77	-17.57	54.0	-23.23	AV	289.00	400	Horizontal	Pass
2	4280.400	48.96	-4.60	74.0	-25.04	Peak	141.00	400	Horizontal	Pass
2**	4280.400	40.21	-4.60	54.0	-13.79	AV	141.00	400	Horizontal	Pass
3	5214.000	102.93	-2.84	--	--	Peak	328.00	200	Horizontal	N/A
3**	5214.000	96.19	-2.84	--	--	AV	328.00	200	Horizontal	N/A
4	7339.825	49.76	-3.50	74.0	-24.24	Peak	263.00	300	Horizontal	Pass
4**	7339.825	40.29	-3.50	54.0	-13.71	AV	263.00	300	Horizontal	Pass
5	12320.763	52.68	1.42	74.0	-21.32	Peak	110.00	100	Horizontal	Pass
5**	12320.763	43.17	1.42	54.0	-10.83	AV	110.00	100	Horizontal	Pass
6	16084.799	55.37	1.53	74.0	-18.63	Peak	207.00	400	Horizontal	Pass
6**	16084.799	46.85	1.53	54.0	-7.15	AV	207.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.000	38.73	-17.55	74.0	-35.27	Peak	255.00	300	Vertical	Pass
1**	1542.000	28.76	-17.55	54.0	-25.24	AV	255.00	300	Vertical	Pass
2	4367.400	50.03	-4.17	74.0	-23.97	Peak	207.00	400	Vertical	Pass
2**	4367.400	41.08	-4.17	54.0	-12.92	AV	207.00	400	Vertical	Pass
3	5213.800	104.86	-2.84	--	--	Peak	340.00	150	Vertical	N/A
3**	5213.800	97.33	-2.84	--	--	AV	340.00	150	Vertical	N/A
4	7627.612	49.70	-3.29	74.0	-24.30	Peak	179.00	200	Vertical	Pass
4**	7627.612	39.11	-3.29	54.0	-14.89	AV	179.00	200	Vertical	Pass
5	12228.475	53.29	1.31	74.0	-20.71	Peak	93.00	150	Vertical	Pass
5**	12228.475	43.80	1.31	54.0	-10.20	AV	93.00	150	Vertical	Pass
6	16085.063	55.80	1.53	74.0	-18.20	Peak	293.00	200	Vertical	Pass
6**	16085.063	46.98	1.53	54.0	-7.02	AV	293.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.600	39.04	-17.71	74.0	-34.96	Peak	215.00	300	Horizontal	Pass
1**	1608.600	29.42	-17.71	54.0	-24.58	AV	215.00	300	Horizontal	Pass
2	4058.400	49.47	-4.88	74.0	-24.53	Peak	309.00	200	Horizontal	Pass
2**	4058.400	39.69	-4.88	54.0	-14.31	AV	309.00	200	Horizontal	Pass
3	5245.000	102.17	-2.65	--	--	Peak	318.00	200	Horizontal	N/A
3**	5245.000	94.79	-2.65	--	--	AV	318.00	200	Horizontal	N/A
4	7333.500	49.20	-3.51	74.0	-24.80	Peak	265.00	300	Horizontal	Pass
4**	7333.500	40.13	-3.51	54.0	-13.87	AV	265.00	300	Horizontal	Pass
5	12283.675	52.52	1.78	74.0	-21.48	Peak	149.00	150	Horizontal	Pass
5**	12283.675	43.08	1.78	54.0	-10.92	AV	149.00	150	Horizontal	Pass
6	15828.076	55.83	1.55	74.0	-18.17	Peak	183.00	400	Horizontal	Pass
6**	15828.076	46.20	1.55	54.0	-7.80	AV	183.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	38.15	-17.72	74.0	-35.85	Peak	201.00	100	Vertical	Pass
1**	1624.900	29.25	-17.72	54.0	-24.75	AV	201.00	100	Vertical	Pass
2	3993.800	49.56	-5.44	74.0	-24.44	Peak	237.00	200	Vertical	Pass
2**	3993.800	40.46	-5.44	54.0	-13.54	AV	237.00	200	Vertical	Pass
3	5247.200	104.86	-2.70	--	--	Peak	325.00	200	Vertical	N/A
3**	5247.200	97.67	-2.70	--	--	AV	325.00	200	Vertical	N/A
4	7614.388	49.03	-3.20	74.0	-24.97	Peak	150.00	400	Vertical	Pass
4**	7614.388	39.35	-3.20	54.0	-14.65	AV	150.00	400	Vertical	Pass
5	12060.862	53.55	0.92	74.0	-20.45	Peak	1.00	150	Vertical	Pass
5**	12060.862	42.87	0.92	54.0	-11.13	AV	1.00	150	Vertical	Pass
6	15842.250	55.34	1.41	74.0	-18.66	Peak	133.00	200	Vertical	Pass
6**	15842.250	45.43	1.41	54.0	-8.57	AV	133.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.800	38.78	-17.51	74.0	-35.22	Peak	58.00	400	Horizontal	Pass
1**	1545.800	29.51	-17.51	54.0	-24.49	AV	58.00	400	Horizontal	Pass
2	4249.800	49.42	-4.79	74.0	-24.58	Peak	226.00	400	Horizontal	Pass
2**	4249.800	39.47	-4.79	54.0	-14.53	AV	226.00	400	Horizontal	Pass
3	5187.400	101.91	-2.70	--	--	Peak	326.00	100	Horizontal	N/A
3**	5187.400	94.52	-2.70	--	--	AV	326.00	100	Horizontal	N/A
4	7361.388	49.31	-4.01	74.0	-24.69	Peak	181.00	100	Horizontal	Pass
4**	7361.388	40.22	-4.01	54.0	-13.78	AV	181.00	100	Horizontal	Pass
5	12594.463	52.77	1.77	74.0	-21.23	Peak	30.00	200	Horizontal	Pass
5**	12594.463	43.45	1.77	54.0	-10.55	AV	30.00	200	Horizontal	Pass
6	16079.813	54.99	1.64	74.0	-19.01	Peak	273.00	100	Horizontal	Pass
6**	16079.813	46.57	1.64	54.0	-7.43	AV	273.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	38.51	-17.58	74.0	-35.49	Peak	6.00	100	Vertical	Pass
1**	1495.400	28.68	-17.58	54.0	-25.32	AV	6.00	100	Vertical	Pass
2	3984.200	49.84	-5.61	74.0	-24.16	Peak	237.00	400	Vertical	Pass
2**	3984.200	42.24	-5.61	54.0	-11.76	AV	237.00	400	Vertical	Pass
3	5186.600	104.28	-2.76	--	--	Peak	85.00	200	Vertical	N/A
3**	5186.600	96.64	-2.76	--	--	AV	85.00	200	Vertical	N/A
4	7345.288	50.10	-3.70	74.0	-23.90	Peak	19.00	200	Vertical	Pass
4**	7345.288	40.40	-3.70	54.0	-13.60	AV	19.00	200	Vertical	Pass
5	12301.500	52.49	1.45	74.0	-21.51	Peak	360.00	200	Vertical	Pass
5**	12301.500	43.37	1.45	54.0	-10.63	AV	360.00	200	Vertical	Pass
6	16083.225	55.45	1.57	74.0	-18.55	Peak	0.00	400	Vertical	Pass
6**	16083.225	46.49	1.57	54.0	-7.51	AV	0.00	400	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	1496.600	38.85	-17.57	74.0	-35.15	Peak	221.00	100	Horizontal	Pass
1**	1496.600	29.45	-17.57	54.0	-24.55	AV	221.00	100	Horizontal	Pass
2	4293.400	49.58	-5.05	74.0	-24.42	Peak	303.00	300	Horizontal	Pass
2**	4293.400	39.28	-5.05	54.0	-14.72	AV	303.00	300	Horizontal	Pass
3	5216.600	102.26	-2.88	--	--	Peak	325.00	200	Horizontal	N/A
3**	5216.600	94.42	-2.88	--	--	AV	325.00	200	Horizontal	N/A
4	7350.175	49.37	-3.87	74.0	-24.63	Peak	60.00	200	Horizontal	Pass
4**	7350.175	40.59	-3.87	54.0	-13.41	AV	60.00	200	Horizontal	Pass
5	12221.287	53.08	1.25	74.0	-20.92	Peak	178.00	100	Horizontal	Pass
5**	12221.287	43.27	1.25	54.0	-10.73	AV	178.00	100	Horizontal	Pass
6	16096.088	55.14	1.30	74.0	-18.86	Peak	209.00	400	Horizontal	Pass
6**	16096.088	45.81	1.30	54.0	-8.19	AV	209.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.800	38.15	-17.52	74.0	-35.85	Peak	118.00	200	Vertical	Pass
1**	1501.800	28.98	-17.52	54.0	-25.02	AV	118.00	200	Vertical	Pass
2	3989.600	50.45	-5.63	74.0	-23.55	Peak	238.00	100	Vertical	Pass
2**	3989.600	40.00	-5.63	54.0	-14.00	AV	238.00	100	Vertical	Pass
3	5213.200	104.90	-2.85	--	--	Peak	326.00	150	Vertical	N/A
3**	5213.200	97.40	-2.85	--	--	AV	326.00	150	Vertical	N/A
4	7379.212	49.41	-3.65	74.0	-24.59	Peak	110.00	200	Vertical	Pass
4**	7379.212	40.15	-3.65	54.0	-13.85	AV	110.00	200	Vertical	Pass
5	12228.475	53.41	1.31	74.0	-20.59	Peak	212.00	150	Vertical	Pass
5**	12228.475	43.78	1.31	54.0	-10.22	AV	212.00	150	Vertical	Pass
6	16075.350	56.36	1.55	74.0	-17.64	Peak	250.00	400	Vertical	Pass
6**	16075.350	45.88	1.55	54.0	-8.12	AV	250.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.500	39.01	-17.46	74.0	-34.99	Peak	111.00	100	Horizontal	Pass
1**	1570.500	29.57	-17.46	54.0	-24.43	AV	111.00	100	Horizontal	Pass
2	4354.600	49.81	-3.76	74.0	-24.19	Peak	360.00	400	Horizontal	Pass
2**	4354.600	39.89	-3.76	54.0	-14.11	AV	360.00	400	Horizontal	Pass
3	5245.400	102.37	-2.66	--	--	Peak	325.00	200	Horizontal	N/A
3**	5245.400	94.56	-2.66	--	--	AV	325.00	200	Horizontal	N/A
4	7376.912	49.16	-3.73	74.0	-24.84	Peak	110.00	200	Horizontal	Pass
4**	7376.912	39.89	-3.73	54.0	-14.11	AV	110.00	200	Horizontal	Pass
5	12316.450	52.78	1.41	74.0	-21.22	Peak	196.00	200	Horizontal	Pass
5**	12316.450	43.17	1.41	54.0	-10.83	AV	196.00	200	Horizontal	Pass
6	16108.687	55.48	0.82	74.0	-18.52	Peak	132.00	300	Horizontal	Pass
6**	16108.687	46.77	0.82	54.0	-7.23	AV	132.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	38.18	-17.41	74.0	-35.82	Peak	207.00	200	Vertical	Pass
1**	1437.800	28.90	-17.41	54.0	-25.10	AV	207.00	200	Vertical	Pass
2	3997.000	49.48	-5.24	74.0	-24.52	Peak	232.00	400	Vertical	Pass
2**	3997.000	39.74	-5.24	54.0	-14.26	AV	232.00	400	Vertical	Pass
3	5246.400	104.81	-2.71	--	--	Peak	332.00	150	Vertical	N/A
3**	5246.400	97.16	-2.71	--	--	AV	332.00	150	Vertical	N/A
4	7334.075	49.09	-3.46	74.0	-24.91	Peak	129.00	100	Vertical	Pass
4**	7334.075	40.45	-3.46	54.0	-13.55	AV	129.00	100	Vertical	Pass
5	12225.599	53.10	1.31	74.0	-20.90	Peak	230.00	100	Vertical	Pass
5**	12225.599	44.09	1.31	54.0	-9.91	AV	230.00	100	Vertical	Pass
6	15839.362	55.11	1.45	74.0	-18.89	Peak	95.00	100	Vertical	Pass
6**	15839.362	46.16	1.45	54.0	-7.84	AV	95.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.900	38.53	-17.58	74.0	-35.47	Peak	214.00	300	Horizontal	Pass
1**	1598.900	30.93	-17.58	54.0	-23.07	AV	214.00	300	Horizontal	Pass
2	4297.600	50.20	-5.02	74.0	-23.80	Peak	133.00	100	Horizontal	Pass
2**	4297.600	39.35	-5.02	54.0	-14.65	AV	133.00	100	Horizontal	Pass
3	5205.400	98.32	-2.46	--	--	Peak	309.00	100	Horizontal	N/A
3**	5205.400	91.13	-2.46	--	--	AV	309.00	100	Horizontal	N/A
4	7339.250	49.48	-3.51	74.0	-24.52	Peak	335.00	400	Horizontal	Pass
4**	7339.250	40.42	-3.51	54.0	-13.58	AV	335.00	400	Horizontal	Pass
5	12239.112	53.21	1.08	74.0	-20.79	Peak	233.00	150	Horizontal	Pass
5**	12239.112	42.83	1.08	54.0	-11.17	AV	233.00	150	Horizontal	Pass
6	15849.600	55.37	1.33	74.0	-18.63	Peak	360.00	400	Horizontal	Pass
6**	15849.600	46.57	1.33	54.0	-7.43	AV	360.00	400	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	1456.100	38.68	-17.46	74.0	-35.32	Peak	21.00	300	Vertical	Pass
1**	1456.100	28.74	-17.46	54.0	-25.26	AV	21.00	300	Vertical	Pass
2	3995.200	49.87	-5.35	74.0	-24.13	Peak	232.00	400	Vertical	Pass
2**	3995.200	39.22	-5.35	54.0	-14.78	AV	232.00	400	Vertical	Pass
3	5205.000	100.99	-2.48	--	--	Peak	77.00	200	Vertical	N/A
3**	5205.000	93.66	-2.48	--	--	AV	77.00	200	Vertical	N/A
4	7373.463	50.50	-3.77	74.0	-23.50	Peak	147.00	400	Vertical	Pass
4**	7373.463	40.37	-3.77	54.0	-13.63	AV	147.00	400	Vertical	Pass
5	12609.125	53.12	1.90	74.0	-20.88	Peak	248.00	100	Vertical	Pass
5**	12609.125	43.13	1.90	54.0	-10.87	AV	248.00	100	Vertical	Pass
6	16134.674	55.41	1.07	74.0	-18.59	Peak	71.00	200	Vertical	Pass
6**	16134.674	45.99	1.07	54.0	-8.01	AV	71.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.400	38.83	-17.52	74.0	-35.17	Peak	140.00	400	Horizontal	Pass
1**	1527.400	29.34	-17.52	54.0	-24.66	AV	140.00	400	Horizontal	Pass
2	4051.200	49.52	-4.80	74.0	-24.48	Peak	188.00	400	Horizontal	Pass
2**	4051.200	39.16	-4.80	54.0	-14.84	AV	188.00	400	Horizontal	Pass
3	5217.600	98.30	-2.93	--	--	Peak	319.00	200	Horizontal	N/A
3**	5217.600	91.17	-2.93	--	--	AV	319.00	200	Horizontal	N/A
4	7463.450	49.51	-3.62	74.0	-24.49	Peak	267.00	400	Horizontal	Pass
4**	7463.450	40.31	-3.62	54.0	-13.69	AV	267.00	400	Horizontal	Pass
5	12320.187	53.55	1.43	74.0	-20.45	Peak	13.00	100	Horizontal	Pass
5**	12320.187	43.59	1.43	54.0	-10.41	AV	13.00	100	Horizontal	Pass
6	16103.175	55.80	1.06	74.0	-18.20	Peak	68.00	400	Horizontal	Pass
6**	16103.175	45.97	1.06	54.0	-8.03	AV	68.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.200	39.04	-17.47	74.0	-34.96	Peak	288.00	300	Vertical	Pass
1**	1594.200	29.85	-17.47	54.0	-24.15	AV	288.00	300	Vertical	Pass
2	3983.200	50.58	-5.62	74.0	-23.42	Peak	232.00	200	Vertical	Pass
2**	3983.200	39.01	-5.62	54.0	-14.99	AV	232.00	200	Vertical	Pass
3	5213.600	100.86	-2.85	--	--	Peak	320.00	100	Vertical	N/A
3**	5213.600	93.31	-2.85	--	--	AV	320.00	100	Vertical	N/A
4	7351.612	49.87	-3.85	74.0	-24.13	Peak	81.00	100	Vertical	Pass
4**	7351.612	40.45	-3.85	54.0	-13.55	AV	81.00	100	Vertical	Pass
5	12615.162	52.86	1.87	74.0	-21.14	Peak	301.00	200	Vertical	Pass
5**	12615.162	43.62	1.87	54.0	-10.38	AV	301.00	200	Vertical	Pass
6	15629.362	55.49	1.70	74.0	-18.51	Peak	124.00	300	Vertical	Pass
6**	15629.362	45.74	1.70	54.0	-8.26	AV	124.00	300	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	1476.100	39.50	-17.57	74.0	-34.50	Peak	46.00	300	Horizontal	Pass
1**	1476.100	29.03	-17.57	54.0	-24.97	AV	46.00	300	Horizontal	Pass
2	4355.000	49.71	-3.74	74.0	-24.29	Peak	331.00	200	Horizontal	Pass
2**	4355.000	41.04	-3.74	54.0	-12.96	AV	331.00	200	Horizontal	Pass
3	5184.600	101.60	-2.84	--	--	Peak	320.00	200	Horizontal	N/A
3**	5184.600	94.11	-2.84	--	--	AV	320.00	200	Horizontal	N/A
4	7749.800	49.23	-3.54	74.0	-24.77	Peak	219.00	300	Horizontal	Pass
4**	7749.800	39.76	-3.54	54.0	-14.24	AV	219.00	300	Horizontal	Pass
5	12301.500	52.89	1.45	74.0	-21.11	Peak	354.00	100	Horizontal	Pass
5**	12301.500	43.79	1.45	54.0	-10.21	AV	354.00	100	Horizontal	Pass
6	15850.125	56.02	1.33	74.0	-17.98	Peak	84.00	300	Horizontal	Pass
6**	15850.125	47.03	1.33	54.0	-6.97	AV	84.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.100	38.76	-17.60	74.0	-35.24	Peak	345.00	200	Vertical	Pass
1**	1517.100	29.13	-17.60	54.0	-24.87	AV	345.00	200	Vertical	Pass
2	4262.200	50.04	-4.67	74.0	-23.96	Peak	353.00	400	Vertical	Pass
2**	4262.200	40.35	-4.67	54.0	-13.65	AV	353.00	400	Vertical	Pass
3	5186.200	104.12	-2.79	--	--	Peak	24.00	150	Vertical	N/A
3**	5186.200	97.11	-2.79	--	--	AV	24.00	150	Vertical	N/A
4	7377.775	49.05	-3.71	74.0	-24.95	Peak	215.00	400	Vertical	Pass
4**	7377.775	40.76	-3.71	54.0	-13.24	AV	215.00	400	Vertical	Pass
5	11939.537	53.20	1.69	74.0	-20.80	Peak	284.00	200	Vertical	Pass
5**	11939.537	43.14	1.69	54.0	-10.86	AV	284.00	200	Vertical	Pass
6	15859.313	55.76	0.96	74.0	-18.24	Peak	0.00	200	Vertical	Pass
6**	15859.313	45.98	0.96	54.0	-8.02	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	39.39	-17.64	74.0	-34.61	Peak	201.00	100	Horizontal	Pass
1**	1599.900	29.35	-17.64	54.0	-24.65	AV	201.00	100	Horizontal	Pass
2	4386.800	49.39	-4.70	74.0	-24.61	Peak	90.00	100	Horizontal	Pass
2**	4386.800	39.90	-4.70	54.0	-14.10	AV	90.00	100	Horizontal	Pass
3	5213.800	102.58	-2.84	--	--	Peak	320.00	200	Horizontal	N/A
3**	5213.800	95.05	-2.84	--	--	AV	320.00	200	Horizontal	N/A
4	7353.625	49.75	-3.90	74.0	-24.25	Peak	360.00	100	Horizontal	Pass
4**	7353.625	40.38	-3.90	54.0	-13.62	AV	360.00	100	Horizontal	Pass
5	12317.312	53.14	1.41	74.0	-20.86	Peak	305.00	150	Horizontal	Pass
5**	12317.312	43.31	1.41	54.0	-10.69	AV	305.00	150	Horizontal	Pass
6	16094.250	56.21	1.34	74.0	-17.79	Peak	188.00	400	Horizontal	Pass
6**	16094.250	46.09	1.34	54.0	-7.91	AV	188.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.100	38.23	-17.57	74.0	-35.77	Peak	340.00	300	Vertical	Pass
1**	1515.100	28.72	-17.57	54.0	-25.28	AV	340.00	300	Vertical	Pass
2	3992.800	50.03	-5.50	74.0	-23.97	Peak	233.00	100	Vertical	Pass
2**	3992.800	40.56	-5.50	54.0	-13.44	AV	233.00	100	Vertical	Pass
3	5213.800	104.93	-2.84	--	--	Peak	320.00	200	Vertical	N/A
3**	5213.800	97.49	-2.84	--	--	AV	320.00	200	Vertical	N/A
4	7263.350	49.67	-3.04	74.0	-24.33	Peak	12.00	100	Vertical	Pass
4**	7263.350	39.09	-3.04	54.0	-14.91	AV	12.00	100	Vertical	Pass
5	11952.763	53.12	1.27	74.0	-20.88	Peak	247.00	100	Vertical	Pass
5**	11952.763	43.29	1.27	54.0	-10.71	AV	247.00	100	Vertical	Pass
6	16088.212	55.27	1.47	74.0	-18.73	Peak	325.00	200	Vertical	Pass
6**	16088.212	46.73	1.47	54.0	-7.27	AV	325.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.600	38.86	-17.54	74.0	-35.14	Peak	150.00	400	Horizontal	Pass
1**	1553.600	28.91	-17.54	54.0	-25.09	AV	150.00	400	Horizontal	Pass
2	4356.000	50.09	-3.69	74.0	-23.91	Peak	231.00	100	Horizontal	Pass
2**	4356.000	41.13	-3.69	54.0	-12.87	AV	231.00	100	Horizontal	Pass
3	5246.200	102.43	-2.70	--	--	Peak	309.00	200	Horizontal	N/A
3**	5246.200	94.61	-2.70	--	--	AV	309.00	200	Horizontal	N/A
4	7337.238	49.71	-3.51	74.0	-24.29	Peak	360.00	200	Horizontal	Pass
4**	7337.238	40.33	-3.51	54.0	-13.67	AV	360.00	200	Horizontal	Pass
5	12220.713	52.82	1.24	74.0	-21.18	Peak	214.00	100	Horizontal	Pass
5**	12220.713	44.38	1.24	54.0	-9.62	AV	214.00	100	Horizontal	Pass
6	16028.100	56.15	0.70	74.0	-17.85	Peak	287.00	400	Horizontal	Pass
6**	16028.100	47.78	0.70	54.0	-6.22	AV	287.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.600	38.90	-17.52	74.0	-35.10	Peak	41.00	300	Vertical	Pass
1**	1474.600	29.23	-17.52	54.0	-24.77	AV	41.00	300	Vertical	Pass
2	3981.600	50.73	-5.60	74.0	-23.27	Peak	231.00	100	Vertical	Pass
2**	3981.600	41.23	-5.60	54.0	-12.77	AV	231.00	100	Vertical	Pass
3	5246.800	104.74	-2.72	--	--	Peak	319.00	150	Vertical	N/A
3**	5246.800	97.68	-2.72	--	--	AV	319.00	150	Vertical	N/A
4	7367.425	49.25	-4.02	74.0	-24.75	Peak	352.00	200	Vertical	Pass
4**	7367.425	40.16	-4.02	54.0	-13.84	AV	352.00	200	Vertical	Pass
5	12427.138	53.33	1.49	74.0	-20.67	Peak	0.00	150	Vertical	Pass
5**	12427.138	43.46	1.49	54.0	-10.54	AV	0.00	150	Vertical	Pass
6	16106.849	55.70	0.90	74.0	-18.30	Peak	286.00	200	Vertical	Pass
6**	16106.849	46.03	0.90	54.0	-7.97	AV	286.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.300	38.81	-17.47	74.0	-35.19	Peak	143.00	400	Horizontal	Pass
1**	1593.300	29.19	-17.47	54.0	-24.81	AV	143.00	400	Horizontal	Pass
2	4357.800	49.99	-3.75	74.0	-24.01	Peak	79.00	300	Horizontal	Pass
2**	4357.800	40.64	-3.75	54.0	-13.36	AV	79.00	300	Horizontal	Pass
3	5205.800	99.26	-2.44	--	--	Peak	308.00	100	Horizontal	N/A
3**	5205.800	91.54	-2.44	--	--	AV	308.00	100	Horizontal	N/A
4	7385.825	49.79	-3.91	74.0	-24.21	Peak	13.00	200	Horizontal	Pass
4**	7385.825	40.33	-3.91	54.0	-13.67	AV	13.00	200	Horizontal	Pass
5	12604.526	53.48	1.91	74.0	-20.52	Peak	13.00	200	Horizontal	Pass
5**	12604.526	43.87	1.91	54.0	-10.13	AV	13.00	200	Horizontal	Pass
6	16078.500	56.08	1.61	74.0	-17.92	Peak	189.00	300	Horizontal	Pass
6**	16078.500	45.98	1.61	54.0	-8.02	AV	189.00	300	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	1598.100	38.87	-17.55	74.0	-35.13	Peak	127.00	300	Vertical	Pass
1**	1598.100	30.14	-17.55	54.0	-23.86	AV	127.00	300	Vertical	Pass
2	3983.200	50.16	-5.62	74.0	-23.84	Peak	230.00	100	Vertical	Pass
2**	3983.200	40.12	-5.62	54.0	-13.88	AV	230.00	100	Vertical	Pass
3	5206.600	102.35	-2.43	--	--	Peak	320.00	200	Vertical	N/A
3**	5206.600	94.78	-2.43	--	--	AV	320.00	200	Vertical	N/A
4	7344.712	50.01	-3.63	74.0	-23.99	Peak	165.00	200	Vertical	Pass
4**	7344.712	40.53	-3.63	54.0	-13.47	AV	165.00	200	Vertical	Pass
5	12094.788	52.73	0.51	74.0	-21.27	Peak	182.00	100	Vertical	Pass
5**	12094.788	43.26	0.51	54.0	-10.74	AV	182.00	100	Vertical	Pass
6	15858.787	56.26	0.99	74.0	-17.74	Peak	32.00	300	Vertical	Pass
6**	15858.787	46.70	0.99	54.0	-7.30	AV	32.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.600	38.95	-17.71	74.0	-35.05	Peak	181.00	200	Horizontal	Pass
1**	1623.600	28.40	-17.71	54.0	-25.60	AV	181.00	200	Horizontal	Pass
2	4357.600	50.28	-3.74	74.0	-23.72	Peak	47.00	200	Horizontal	Pass
2**	4357.600	42.08	-3.74	54.0	-11.92	AV	47.00	200	Horizontal	Pass
3	5217.200	98.66	-2.90	--	--	Peak	319.00	150	Horizontal	N/A
3**	5217.200	90.85	-2.90	--	--	AV	319.00	150	Horizontal	N/A
4	7381.513	49.54	-3.74	74.0	-24.46	Peak	114.00	200	Horizontal	Pass
4**	7381.513	41.08	-3.74	54.0	-12.92	AV	114.00	200	Horizontal	Pass
5	12329.099	52.99	1.42	74.0	-21.01	Peak	63.00	150	Horizontal	Pass
5**	12329.099	43.74	1.42	54.0	-10.26	AV	63.00	150	Horizontal	Pass
6	15851.963	55.52	1.28	74.0	-18.48	Peak	32.00	300	Horizontal	Pass
6**	15851.963	47.06	1.28	54.0	-6.94	AV	32.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.700	39.12	-17.65	74.0	-34.88	Peak	43.00	300	Vertical	Pass
1**	1612.700	28.99	-17.65	54.0	-25.01	AV	43.00	300	Vertical	Pass
2	4272.000	49.41	-4.49	74.0	-24.59	Peak	148.00	200	Vertical	Pass
2**	4272.000	39.56	-4.49	54.0	-14.44	AV	148.00	200	Vertical	Pass
3	5215.200	100.95	-2.84	--	--	Peak	321.00	200	Vertical	N/A
3**	5215.200	93.28	-2.84	--	--	AV	321.00	200	Vertical	N/A
4	7374.900	49.31	-3.74	74.0	-24.69	Peak	349.00	100	Vertical	Pass
4**	7374.900	41.82	-3.74	54.0	-12.18	AV	349.00	100	Vertical	Pass
5	12593.599	52.95	1.75	74.0	-21.05	Peak	113.00	100	Vertical	Pass
5**	12593.599	43.39	1.75	54.0	-10.61	AV	113.00	100	Vertical	Pass
6	16094.513	56.39	1.33	74.0	-17.61	Peak	188.00	400	Vertical	Pass
6**	16094.513	48.19	1.33	54.0	-5.81	AV	188.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.300	38.55	-17.52	74.0	-35.45	Peak	295.00	300	Horizontal	Pass
1**	1554.300	30.10	-17.52	54.0	-23.90	AV	295.00	300	Horizontal	Pass
2	4220.200	49.79	-4.98	74.0	-24.21	Peak	189.00	200	Horizontal	Pass
2**	4220.200	39.59	-4.98	54.0	-14.41	AV	189.00	200	Horizontal	Pass
3	5182.400	94.00	-2.72	--	--	Peak	320.00	150	Horizontal	N/A
3**	5182.400	86.15	-2.72	--	--	AV	320.00	150	Horizontal	N/A
4	7384.100	49.94	-3.86	74.0	-24.06	Peak	95.00	100	Horizontal	Pass
4**	7384.100	40.80	-3.86	54.0	-13.20	AV	95.00	100	Horizontal	Pass
5	12228.475	54.42	1.31	74.0	-19.58	Peak	360.00	200	Horizontal	Pass
5**	12228.475	43.72	1.31	54.0	-10.28	AV	360.00	200	Horizontal	Pass
6	15853.013	55.91	1.25	74.0	-18.09	Peak	112.00	100	Horizontal	Pass
6**	15853.013	46.41	1.25	54.0	-7.59	AV	112.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.200	38.76	-17.48	74.0	-35.24	Peak	0.00	300	Vertical	Pass
1**	1459.200	29.15	-17.48	54.0	-24.85	AV	0.00	300	Vertical	Pass
2	3996.800	49.94	-5.26	74.0	-24.06	Peak	232.00	200	Vertical	Pass
2**	3996.800	40.42	-5.26	54.0	-13.58	AV	232.00	200	Vertical	Pass
3	5192.200	96.49	-2.68	--	--	Peak	35.00	150	Vertical	N/A
3**	5192.200	89.29	-2.68	--	--	AV	35.00	150	Vertical	N/A
4	7384.388	49.97	-3.86	74.0	-24.03	Peak	154.00	400	Vertical	Pass
4**	7384.388	40.48	-3.86	54.0	-13.52	AV	154.00	400	Vertical	Pass
5	12436.912	52.84	1.73	74.0	-21.16	Peak	170.00	200	Vertical	Pass
5**	12436.912	42.99	1.73	54.0	-11.01	AV	170.00	200	Vertical	Pass
6	15846.187	55.58	1.36	74.0	-18.42	Peak	39.00	200	Vertical	Pass
6**	15846.187	47.16	1.36	54.0	-6.84	AV	39.00	200	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	1593.000	39.11	-17.48	74.0	-34.89	Peak	200.00	200	Horizontal	Pass
1**	1593.000	29.60	-17.48	54.0	-24.40	AV	200.00	200	Horizontal	Pass
2	4357.200	49.50	-3.71	74.0	-24.50	Peak	158.00	200	Horizontal	Pass
2**	4357.200	40.71	-3.71	54.0	-13.29	AV	158.00	200	Horizontal	Pass
3	5738.400	99.49	-2.31	--	--	Peak	309.00	100	Horizontal	N/A
3**	5738.400	92.65	-2.31	--	--	AV	309.00	100	Horizontal	N/A
4	7358.800	50.03	-4.09	74.0	-23.97	Peak	213.00	200	Horizontal	Pass
4**	7358.800	40.56	-4.09	54.0	-13.44	AV	213.00	200	Horizontal	Pass
5	12466.237	54.02	1.72	74.0	-19.98	Peak	197.00	150	Horizontal	Pass
5**	12466.237	43.78	1.72	54.0	-10.22	AV	197.00	150	Horizontal	Pass
6	15846.974	55.41	1.35	74.0	-18.59	Peak	8.00	100	Horizontal	Pass
6**	15846.974	47.08	1.35	54.0	-6.92	AV	8.00	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	1445.400	38.34	-17.44	74.0	-35.66	Peak	62.00	400	Vertical	Pass
1**	1445.400	28.78	-17.44	54.0	-25.22	AV	62.00	400	Vertical	Pass
2	3996.600	49.90	-5.27	74.0	-24.10	Peak	221.00	300	Vertical	Pass
2**	3996.600	40.82	-5.27	54.0	-13.18	AV	221.00	300	Vertical	Pass
3	5738.600	104.68	-2.32	--	--	Peak	309.00	200	Vertical	N/A
3**	5738.600	96.59	-2.32	--	--	AV	309.00	200	Vertical	N/A
4	7660.100	50.37	-2.83	74.0	-23.63	Peak	329.00	150	Vertical	Pass
4**	7660.100	47.05	-2.83	54.0	-6.95	AV	329.00	150	Vertical	Pass
5	12359.000	52.67	1.17	74.0	-21.33	Peak	0.00	200	Vertical	Pass
5**	12359.000	43.17	1.17	54.0	-10.83	AV	0.00	200	Vertical	Pass
6	15846.713	55.33	1.36	74.0	-18.67	Peak	32.00	200	Vertical	Pass
6**	15846.713	46.81	1.36	54.0	-7.19	AV	32.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.300	38.82	-17.48	74.0	-35.18	Peak	39.00	300	Horizontal	Pass
1**	1490.300	29.05	-17.48	54.0	-24.95	AV	39.00	300	Horizontal	Pass
2	4307.200	49.15	-4.72	74.0	-24.85	Peak	22.00	300	Horizontal	Pass
2**	4307.200	41.04	-4.72	54.0	-12.96	AV	22.00	300	Horizontal	Pass
3	5790.000	100.10	-2.54	--	--	Peak	298.00	200	Horizontal	N/A
3**	5790.000	92.56	-2.54	--	--	AV	298.00	200	Horizontal	N/A
4	7373.750	49.50	-3.75	74.0	-24.50	Peak	187.00	300	Horizontal	Pass
4**	7373.750	40.58	-3.75	54.0	-13.42	AV	187.00	300	Horizontal	Pass
5	12355.550	52.78	1.17	74.0	-21.22	Peak	0.00	150	Horizontal	Pass
5**	12355.550	42.82	1.17	54.0	-11.18	AV	0.00	150	Horizontal	Pass
6	15852.225	55.66	1.27	74.0	-18.34	Peak	71.00	400	Horizontal	Pass
6**	15852.225	46.57	1.27	54.0	-7.43	AV	71.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.800	39.05	-17.51	74.0	-34.95	Peak	143.00	100	Vertical	Pass
1**	1539.800	28.98	-17.51	54.0	-25.02	AV	143.00	100	Vertical	Pass
2	3990.200	49.66	-5.61	74.0	-24.34	Peak	233.00	300	Vertical	Pass
2**	3990.200	40.00	-5.61	54.0	-14.00	AV	233.00	300	Vertical	Pass
3	5788.800	104.16	-2.47	--	--	Peak	298.00	200	Vertical	N/A
3**	5788.800	96.54	-2.47	--	--	AV	298.00	200	Vertical	N/A
4	7713.575	50.49	-2.90	74.0	-23.51	Peak	256.00	150	Vertical	Pass
4**	7713.575	48.27	-2.90	54.0	-5.73	AV	256.00	150	Vertical	Pass
5	11979.787	52.80	0.86	74.0	-21.20	Peak	97.00	100	Vertical	Pass
5**	11979.787	43.67	0.86	54.0	-10.33	AV	97.00	100	Vertical	Pass
6	15854.850	55.43	1.20	74.0	-18.57	Peak	340.00	200	Vertical	Pass
6**	15854.850	46.14	1.20	54.0	-7.86	AV	340.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.900	39.61	-17.41	74.0	-34.39	Peak	94.00	300	Horizontal	Pass
1**	1437.900	29.59	-17.41	54.0	-24.41	AV	94.00	300	Horizontal	Pass
2	4363.400	49.47	-3.85	74.0	-24.53	Peak	106.00	300	Horizontal	Pass
2**	4363.400	40.56	-3.85	54.0	-13.44	AV	106.00	300	Horizontal	Pass
3	5819.800	99.94	-2.57	--	--	Peak	308.00	150	Horizontal	N/A
3**	5819.800	92.37	-2.57	--	--	AV	308.00	150	Horizontal	N/A
4	7333.500	49.31	-3.51	74.0	-24.69	Peak	166.00	200	Horizontal	Pass
4**	7333.500	40.38	-3.51	54.0	-13.62	AV	166.00	200	Horizontal	Pass
5	12682.438	53.09	0.86	74.0	-20.91	Peak	133.00	100	Horizontal	Pass
5**	12682.438	43.45	0.86	54.0	-10.55	AV	133.00	100	Horizontal	Pass
6	15837.787	55.39	1.45	74.0	-18.61	Peak	170.00	300	Horizontal	Pass
6**	15837.787	46.30	1.45	54.0	-7.70	AV	170.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	38.63	-17.64	74.0	-35.37	Peak	244.00	200	Vertical	Pass
1**	1599.900	29.50	-17.64	54.0	-24.50	AV	244.00	200	Vertical	Pass
2	4071.800	49.57	-5.42	74.0	-24.43	Peak	221.00	200	Vertical	Pass
2**	4071.800	39.93	-5.42	54.0	-14.07	AV	221.00	200	Vertical	Pass
3	5829.800	105.51	-2.18	--	--	Peak	304.00	100	Vertical	N/A
3**	5829.800	98.43	-2.18	--	--	AV	304.00	100	Vertical	N/A
4	7350.175	49.19	-3.87	74.0	-24.81	Peak	215.00	200	Vertical	Pass
4**	7350.175	40.50	-3.87	54.0	-13.50	AV	215.00	200	Vertical	Pass
5	12229.049	52.80	1.30	74.0	-21.20	Peak	360.00	200	Vertical	Pass
5**	12229.049	43.67	1.30	54.0	-10.33	AV	360.00	200	Vertical	Pass
6	16080.338	55.38	1.63	74.0	-18.62	Peak	229.00	200	Vertical	Pass
6**	16080.338	47.02	1.63	54.0	-6.98	AV	229.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.300	38.89	-17.60	74.0	-35.11	Peak	219.00	100	Horizontal	Pass
1**	1599.300	29.85	-17.60	54.0	-24.15	AV	219.00	100	Horizontal	Pass
2	4363.000	49.52	-3.82	74.0	-24.48	Peak	158.00	300	Horizontal	Pass
2**	4363.000	40.50	-3.82	54.0	-13.50	AV	158.00	300	Horizontal	Pass
3	5749.800	99.54	-2.16	--	--	Peak	309.00	200	Horizontal	N/A
3**	5749.800	91.55	-2.16	--	--	AV	309.00	200	Horizontal	N/A
4	7357.650	50.06	-4.12	74.0	-23.94	Peak	282.00	300	Horizontal	Pass
4**	7357.650	41.60	-4.12	54.0	-12.40	AV	282.00	300	Horizontal	Pass
5	12239.400	53.58	1.08	74.0	-20.42	Peak	0.00	100	Horizontal	Pass
5**	12239.400	43.71	1.08	54.0	-10.29	AV	0.00	100	Horizontal	Pass
6	16092.937	55.68	1.37	74.0	-18.32	Peak	360.00	400	Horizontal	Pass
6**	16092.937	46.72	1.37	54.0	-7.28	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.700	39.09	-17.47	74.0	-34.91	Peak	44.00	300	Vertical	Pass
1**	1438.700	29.62	-17.47	54.0	-24.38	AV	44.00	300	Vertical	Pass
2	3999.600	50.04	-5.39	74.0	-23.96	Peak	232.00	200	Vertical	Pass
2**	3999.600	39.88	-5.39	54.0	-14.12	AV	232.00	200	Vertical	Pass
3	5752.000	104.00	-2.19	--	--	Peak	297.00	200	Vertical	N/A
3**	5752.000	96.47	-2.19	--	--	AV	297.00	200	Vertical	N/A
4	7660.388	50.59	-2.79	74.0	-23.41	Peak	268.00	150	Vertical	Pass
4**	7660.388	47.17	-2.79	54.0	-6.83	AV	268.00	150	Vertical	Pass
5	12517.412	52.92	1.51	74.0	-21.08	Peak	218.00	100	Vertical	Pass
5**	12517.412	42.72	1.51	54.0	-11.28	AV	218.00	100	Vertical	Pass
6	15836.738	55.42	1.45	74.0	-18.58	Peak	323.00	100	Vertical	Pass
6**	15836.738	46.40	1.45	54.0	-7.60	AV	323.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.100	40.12	-17.46	74.0	-33.88	Peak	134.00	300	Horizontal	Pass
1**	1594.100	33.01	-17.46	54.0	-20.99	AV	134.00	300	Horizontal	Pass
2	4364.200	49.49	-3.89	74.0	-24.51	Peak	174.00	400	Horizontal	Pass
2**	4364.200	40.96	-3.89	54.0	-13.04	AV	174.00	400	Horizontal	Pass
3	5790.200	99.96	-2.55	--	--	Peak	309.00	100	Horizontal	N/A
3**	5790.200	92.11	-2.55	--	--	AV	309.00	100	Horizontal	N/A
4	7340.975	49.91	-3.60	74.0	-24.09	Peak	360.00	400	Horizontal	Pass
4**	7340.975	40.19	-3.60	54.0	-13.81	AV	360.00	400	Horizontal	Pass
5	12246.300	53.02	1.00	74.0	-20.98	Peak	14.00	150	Horizontal	Pass
5**	12246.300	43.56	1.00	54.0	-10.44	AV	14.00	150	Horizontal	Pass
6	16111.838	55.36	0.74	74.0	-18.64	Peak	325.00	200	Horizontal	Pass
6**	16111.838	45.95	0.74	54.0	-8.05	AV	325.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.100	38.31	-17.47	74.0	-35.69	Peak	179.00	100	Vertical	Pass
1**	1590.100	29.29	-17.47	54.0	-24.71	AV	179.00	100	Vertical	Pass
2	3985.200	50.53	-5.65	74.0	-23.47	Peak	225.00	400	Vertical	Pass
2**	3985.200	39.71	-5.65	54.0	-14.29	AV	225.00	400	Vertical	Pass
3	5790.600	104.24	-2.57	--	--	Peak	304.00	150	Vertical	N/A
3**	5790.600	97.21	-2.57	--	--	AV	304.00	150	Vertical	N/A
4	7713.575	50.02	-2.90	74.0	-23.98	Peak	53.00	150	Vertical	Pass
4**	7713.575	46.85	-2.90	54.0	-7.15	AV	53.00	150	Vertical	Pass
5	11572.975	53.11	-0.40	74.0	-20.89	Peak	231.00	150	Vertical	Pass
5**	11572.975	42.94	-0.40	54.0	-11.06	AV	231.00	150	Vertical	Pass
6	15619.387	55.47	1.61	74.0	-18.53	Peak	14.00	200	Vertical	Pass
6**	15619.387	46.44	1.61	54.0	-7.56	AV	14.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.300	39.45	-17.60	74.0	-34.55	Peak	211.00	400	Horizontal	Pass
1**	1599.300	32.15	-17.60	54.0	-21.85	AV	211.00	400	Horizontal	Pass
2	4233.600	49.42	-4.54	74.0	-24.58	Peak	90.00	100	Horizontal	Pass
2**	4233.600	40.23	-4.54	54.0	-13.77	AV	90.00	100	Horizontal	Pass
3	5831.000	100.10	-2.11	--	--	Peak	298.00	100	Horizontal	N/A
3**	5831.000	92.81	-2.11	--	--	AV	298.00	100	Horizontal	N/A
4	7382.375	49.30	-3.83	74.0	-24.70	Peak	52.00	200	Horizontal	Pass
4**	7382.375	40.31	-3.83	54.0	-13.69	AV	52.00	200	Horizontal	Pass
5	12580.950	53.03	1.63	74.0	-20.97	Peak	95.00	100	Horizontal	Pass
5**	12580.950	43.10	1.63	54.0	-10.90	AV	95.00	100	Horizontal	Pass
6	15740.662	55.54	0.87	74.0	-18.46	Peak	36.00	100	Horizontal	Pass
6**	15740.662	45.69	0.87	54.0	-8.31	AV	36.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.300	38.66	-17.62	74.0	-35.34	Peak	103.00	200	Vertical	Pass
1**	1618.300	29.00	-17.62	54.0	-25.00	AV	103.00	200	Vertical	Pass
2	3981.600	50.20	-5.60	74.0	-23.80	Peak	304.00	100	Vertical	Pass
2**	3981.600	40.22	-5.60	54.0	-13.78	AV	304.00	100	Vertical	Pass
3	5829.800	105.23	-2.18	--	--	Peak	304.00	200	Vertical	N/A
3**	5829.800	97.57	-2.18	--	--	AV	304.00	200	Vertical	N/A
4	7338.675	49.69	-3.53	74.0	-24.31	Peak	234.00	200	Vertical	Pass
4**	7338.675	40.49	-3.53	54.0	-13.51	AV	234.00	200	Vertical	Pass
5	12063.450	53.61	0.90	74.0	-20.39	Peak	270.00	100	Vertical	Pass
5**	12063.450	42.45	0.90	54.0	-11.55	AV	270.00	100	Vertical	Pass
6	15846.974	56.05	1.35	74.0	-17.95	Peak	277.00	100	Vertical	Pass
6**	15846.974	47.66	1.35	54.0	-6.34	AV	277.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.100	38.57	-17.47	74.0	-35.43	Peak	122.00	300	Horizontal	Pass
1**	1446.100	29.88	-17.47	54.0	-24.12	AV	122.00	300	Horizontal	Pass
2	4134.600	49.40	-4.98	74.0	-24.60	Peak	356.00	400	Horizontal	Pass
2**	4134.600	39.59	-4.98	54.0	-14.41	AV	356.00	400	Horizontal	Pass
3	5768.800	100.56	-1.84	--	--	Peak	0.00	200	Horizontal	N/A
3**	5768.800	93.81	-1.84	--	--	AV	0.00	200	Horizontal	N/A
4	7339.825	49.56	-3.50	74.0	-24.44	Peak	47.00	200	Horizontal	Pass
4**	7339.825	40.76	-3.50	54.0	-13.24	AV	47.00	200	Horizontal	Pass
5	12552.776	52.78	1.53	74.0	-21.22	Peak	222.00	100	Horizontal	Pass
5**	12552.776	43.31	1.53	54.0	-10.69	AV	222.00	100	Horizontal	Pass
6	16088.738	55.36	1.46	74.0	-18.64	Peak	52.00	100	Horizontal	Pass
6**	16088.738	46.68	1.46	54.0	-7.32	AV	52.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1395.800	38.45	-17.50	74.0	-35.55	Peak	8.00	400	Vertical	Pass
1**	1395.800	29.01	-17.50	54.0	-24.99	AV	8.00	400	Vertical	Pass
2	3994.800	50.68	-5.37	74.0	-23.32	Peak	245.00	150	Vertical	Pass
2**	3994.800	40.15	-5.37	54.0	-13.85	AV	245.00	150	Vertical	Pass
3	4822.000	51.65	-3.44	74.0	-22.35	Peak	194.00	200	Vertical	Pass
3**	4822.000	42.37	-3.44	54.0	-11.63	AV	194.00	200	Vertical	Pass
4	5752.800	90.11	-2.17	--	--	Peak	255.00	100	Vertical	N/A
4**	5752.800	83.47	-2.17	--	--	AV	255.00	100	Vertical	N/A
5	11947.588	52.88	1.47	74.0	-21.12	Peak	42.00	150	Vertical	Pass
5**	11947.588	43.50	1.47	54.0	-10.50	AV	42.00	150	Vertical	Pass
6	17205.938	56.44	1.61	68.2	-11.76	Peak	347.00	300	Vertical	Pass
6**	17205.938	47.47	1.61	--	--	AV	347.00	300	Vertical	N/A

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	1578.400	38.58	-17.52	74.0	-35.42	Peak	20.00	100	Horizontal	Pass
1**	1578.400	29.00	-17.52	54.0	-25.00	AV	20.00	100	Horizontal	Pass
2	4369.800	49.48	-4.36	74.0	-24.52	Peak	26.00	100	Horizontal	Pass
2**	4369.800	39.80	-4.36	54.0	-14.20	AV	26.00	100	Horizontal	Pass
3	5779.000	100.88	-2.06	--	--	Peak	0.00	100	Horizontal	N/A
3**	5779.000	93.44	-2.06	--	--	AV	0.00	100	Horizontal	N/A
4	7726.800	49.10	-3.46	74.0	-24.90	Peak	253.00	400	Horizontal	Pass
4**	7726.800	45.14	-3.46	54.0	-8.86	AV	253.00	400	Horizontal	Pass
5	12265.562	52.35	1.31	74.0	-21.65	Peak	269.00	200	Horizontal	Pass
5**	12265.562	42.74	1.31	54.0	-11.26	AV	269.00	200	Horizontal	Pass
6	15629.100	55.02	1.71	74.0	-18.98	Peak	254.00	300	Horizontal	Pass
6**	15629.100	46.11	1.71	54.0	-7.89	AV	254.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.600	38.52	-17.34	74.0	-35.48	Peak	90.00	200	Vertical	Pass
1**	1436.600	30.30	-17.34	54.0	-23.70	AV	90.00	200	Vertical	Pass
2	3987.600	50.10	-5.71	74.0	-23.90	Peak	247.00	400	Vertical	Pass
2**	3987.600	39.60	-5.71	54.0	-14.40	AV	247.00	400	Vertical	Pass
3	5791.200	90.68	-2.57	--	--	Peak	195.00	200	Vertical	N/A
3**	5791.200	82.62	-2.57	--	--	AV	195.00	200	Vertical	N/A
4	7726.513	51.99	-3.48	74.0	-22.01	Peak	269.00	200	Vertical	Pass
4**	7726.513	46.81	-3.48	54.0	-7.19	AV	269.00	200	Vertical	Pass
5	12598.487	52.68	1.86	74.0	-21.32	Peak	348.00	150	Vertical	Pass
5**	12598.487	43.13	1.86	54.0	-10.87	AV	348.00	150	Vertical	Pass
6	16033.350	55.91	0.74	74.0	-18.09	Peak	305.00	150	Vertical	Pass
6**	16033.350	45.27	0.74	54.0	-8.73	AV	305.00	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	1595.300	39.56	-17.60	74.0	-34.44	Peak	139.00	400	Horizontal	Pass
1**	1595.300	28.91	-17.60	54.0	-25.09	AV	139.00	400	Horizontal	Pass
2	4261.000	50.21	-4.68	74.0	-23.79	Peak	37.00	300	Horizontal	Pass
2**	4261.000	39.56	-4.68	54.0	-14.44	AV	37.00	300	Horizontal	Pass
3	5737.800	104.67	-2.29	--	--	Peak	7.00	100	Horizontal	N/A
3**	5737.800	97.74	-2.29	--	--	AV	7.00	100	Horizontal	N/A
4	7660.100	48.94	-2.83	74.0	-25.06	Peak	3.00	400	Horizontal	Pass
4**	7660.100	43.24	-2.83	54.0	-10.76	AV	3.00	400	Horizontal	Pass
5	12210.076	53.02	1.03	74.0	-20.98	Peak	150.00	100	Horizontal	Pass
5**	12210.076	43.74	1.03	54.0	-10.26	AV	150.00	100	Horizontal	Pass
6	15846.187	55.51	1.36	74.0	-18.49	Peak	15.00	400	Horizontal	Pass
6**	15846.187	45.61	1.36	54.0	-8.39	AV	15.00	400	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	1518.300	39.59	-17.64	74.0	-34.41	Peak	144.00	200	Vertical	Pass
1**	1518.300	29.09	-17.64	54.0	-24.91	AV	144.00	200	Vertical	Pass
2	3990.400	50.25	-5.60	74.0	-23.75	Peak	241.00	400	Vertical	Pass
2**	3990.400	39.63	-5.60	54.0	-14.37	AV	241.00	400	Vertical	Pass
3	5751.400	95.46	-2.18	--	--	Peak	252.00	200	Vertical	N/A
3**	5751.400	87.12	-2.18	--	--	AV	252.00	200	Vertical	N/A
4	7660.100	50.72	-2.83	74.0	-23.28	Peak	266.00	300	Vertical	Pass
4**	7660.100	47.34	-2.83	54.0	-6.66	AV	266.00	300	Vertical	Pass
5	12364.174	52.76	1.20	74.0	-21.24	Peak	347.00	150	Vertical	Pass
5**	12364.174	42.69	1.20	54.0	-11.31	AV	347.00	150	Vertical	Pass
6	15851.963	55.73	1.28	74.0	-18.27	Peak	163.00	400	Vertical	Pass
6**	15851.963	46.10	1.28	54.0	-7.90	AV	163.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.000	39.18	-17.58	74.0	-34.82	Peak	315.00	200	Horizontal	Pass
1**	1599.000	29.33	-17.58	54.0	-24.67	AV	315.00	200	Horizontal	Pass
2	4379.600	49.67	-4.48	74.0	-24.33	Peak	17.00	400	Horizontal	Pass
2**	4379.600	40.30	-4.48	54.0	-13.70	AV	17.00	400	Horizontal	Pass
3	5791.400	104.88	-2.57	--	--	Peak	0.00	150	Horizontal	N/A
3**	5791.400	97.19	-2.57	--	--	AV	0.00	150	Horizontal	N/A
4	7392.725	49.38	-4.17	74.0	-24.62	Peak	333.00	300	Horizontal	Pass
4**	7392.725	40.66	-4.17	54.0	-13.34	AV	333.00	300	Horizontal	Pass
5	12287.126	52.50	1.73	74.0	-21.50	Peak	333.00	200	Horizontal	Pass
5**	12287.126	42.60	1.73	54.0	-11.40	AV	333.00	200	Horizontal	Pass
6	16088.212	56.32	1.47	74.0	-17.68	Peak	327.00	150	Horizontal	Pass
6**	16088.212	45.78	1.47	54.0	-8.22	AV	327.00	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	1521.100	38.61	-17.67	74.0	-35.39	Peak	340.00	200	Vertical	Pass
1**	1521.100	28.77	-17.67	54.0	-25.23	AV	340.00	200	Vertical	Pass
2	3992.200	50.64	-5.53	74.0	-23.36	Peak	248.00	200	Vertical	Pass
2**	3992.200	39.67	-5.53	54.0	-14.33	AV	248.00	200	Vertical	Pass
3	5792.400	94.76	-2.56	--	--	Peak	196.00	150	Vertical	N/A
3**	5792.400	87.31	-2.56	--	--	AV	196.00	150	Vertical	N/A
4	7713.288	50.06	-2.89	74.0	-23.94	Peak	250.00	200	Vertical	Pass
4**	7713.288	45.71	-2.89	54.0	-8.29	AV	250.00	200	Vertical	Pass
5	12354.975	52.79	1.17	74.0	-21.21	Peak	104.00	100	Vertical	Pass
5**	12354.975	42.71	1.17	54.0	-11.29	AV	104.00	100	Vertical	Pass
6	16100.287	55.45	1.19	74.0	-18.55	Peak	360.00	100	Vertical	Pass
6**	16100.287	46.56	1.19	54.0	-7.44	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.800	39.33	-17.51	74.0	-34.67	Peak	224.00	100	Horizontal	Pass
1**	1469.800	28.60	-17.51	54.0	-25.40	AV	224.00	100	Horizontal	Pass
2	4357.400	49.30	-3.72	74.0	-24.70	Peak	49.00	200	Horizontal	Pass
2**	4357.400	40.36	-3.72	54.0	-13.64	AV	49.00	200	Horizontal	Pass
3	5831.800	105.15	-2.10	--	--	Peak	0.00	150	Horizontal	N/A
3**	5831.800	97.94	-2.10	--	--	AV	0.00	150	Horizontal	N/A
4	7367.425	48.79	-4.02	74.0	-25.21	Peak	187.00	300	Horizontal	Pass
4**	7367.425	40.27	-4.02	54.0	-13.73	AV	187.00	300	Horizontal	Pass
5	11944.138	53.01	1.56	74.0	-20.99	Peak	59.00	150	Horizontal	Pass
5**	11944.138	43.74	1.56	54.0	-10.26	AV	59.00	150	Horizontal	Pass
6	15618.338	54.82	1.58	74.0	-19.18	Peak	33.00	300	Horizontal	Pass
6**	15618.338	45.84	1.58	54.0	-8.16	AV	33.00	300	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	1547.900	38.89	-17.54	74.0	-35.11	Peak	312.00	200	Vertical	Pass
1**	1547.900	28.82	-17.54	54.0	-25.18	AV	312.00	200	Vertical	Pass
2	3983.200	49.75	-5.62	74.0	-24.25	Peak	247.00	100	Vertical	Pass
2**	3983.200	39.70	-5.62	54.0	-14.30	AV	247.00	100	Vertical	Pass
3	5829.800	96.35	-2.18	--	--	Peak	247.00	200	Vertical	N/A
3**	5829.800	88.34	-2.18	--	--	AV	247.00	200	Vertical	N/A
4	7727.950	48.68	-3.38	74.0	-25.32	Peak	29.00	400	Vertical	Pass
4**	7727.950	38.81	-3.38	54.0	-15.19	AV	29.00	400	Vertical	Pass
5	12584.401	52.54	1.61	74.0	-21.46	Peak	94.00	100	Vertical	Pass
5**	12584.401	43.25	1.61	54.0	-10.75	AV	94.00	100	Vertical	Pass
6	16078.238	55.25	1.61	74.0	-18.75	Peak	196.00	400	Vertical	Pass
6**	16078.238	46.67	1.61	54.0	-7.33	AV	196.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.300	38.85	-17.54	74.0	-35.15	Peak	89.00	400	Horizontal	Pass
1**	1501.300	29.48	-17.54	54.0	-24.52	AV	89.00	400	Horizontal	Pass
2	4359.800	49.17	-3.77	74.0	-24.83	Peak	273.00	400	Horizontal	Pass
2**	4359.800	39.94	-3.77	54.0	-14.06	AV	273.00	400	Horizontal	Pass
3	5770.800	101.29	-1.94	--	--	Peak	6.00	150	Horizontal	N/A
3**	5770.800	93.56	-1.94	--	--	AV	6.00	150	Horizontal	N/A
4	7673.612	49.74	-2.47	74.0	-24.26	Peak	237.00	200	Horizontal	Pass
4**	7673.612	45.63	-2.47	54.0	-8.37	AV	237.00	200	Horizontal	Pass
5	11721.326	52.30	0.80	74.0	-21.70	Peak	331.00	150	Horizontal	Pass
5**	11721.326	42.93	0.80	54.0	-11.07	AV	331.00	150	Horizontal	Pass
6	15867.975	54.99	0.70	74.0	-19.01	Peak	69.00	150	Horizontal	Pass
6**	15867.975	44.78	0.70	54.0	-9.22	AV	69.00	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	1614.900	39.51	-17.66	74.0	-34.49	Peak	176.00	100	Vertical	Pass
1**	1614.900	28.61	-17.66	54.0	-25.39	AV	176.00	100	Vertical	Pass
2	3983.000	50.89	-5.62	74.0	-23.11	Peak	237.00	100	Vertical	Pass
2**	3983.000	41.57	-5.62	54.0	-12.43	AV	237.00	100	Vertical	Pass
3	5771.400	91.71	-1.98	--	--	Peak	237.00	150	Vertical	N/A
3**	5771.400	84.09	-1.98	--	--	AV	237.00	150	Vertical	N/A
4	7673.325	52.18	-2.48	74.0	-21.82	Peak	268.00	300	Vertical	Pass
4**	7673.325	47.24	-2.48	54.0	-6.76	AV	268.00	300	Vertical	Pass
5	12228.763	53.08	1.30	74.0	-20.92	Peak	348.00	200	Vertical	Pass
5**	12228.763	43.91	1.30	54.0	-10.09	AV	348.00	200	Vertical	Pass
6	15853.799	55.45	1.23	74.0	-18.55	Peak	34.00	200	Vertical	Pass
6**	15853.799	45.30	1.23	54.0	-8.70	AV	34.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.900	38.45	-17.66	74.0	-35.55	Peak	178.00	300	Horizontal	Pass
1**	1600.900	29.31	-17.66	54.0	-24.69	AV	178.00	300	Horizontal	Pass
2	4134.200	49.36	-4.98	74.0	-24.64	Peak	159.00	400	Horizontal	Pass
2**	4134.200	40.18	-4.98	54.0	-13.82	AV	159.00	400	Horizontal	Pass
3	5792.600	100.12	-2.56	--	--	Peak	360.00	150	Horizontal	N/A
3**	5792.600	93.07	-2.56	--	--	AV	360.00	150	Horizontal	N/A
4	7726.513	49.40	-3.48	74.0	-24.60	Peak	360.00	100	Horizontal	Pass
4**	7726.513	43.20	-3.48	54.0	-10.80	AV	360.00	100	Horizontal	Pass
5	12612.862	52.94	1.88	74.0	-21.06	Peak	124.00	100	Horizontal	Pass
5**	12612.862	44.80	1.88	54.0	-9.20	AV	124.00	100	Horizontal	Pass
6	15623.326	55.35	1.69	74.0	-18.65	Peak	144.00	100	Horizontal	Pass
6**	15623.326	45.65	1.69	54.0	-8.35	AV	144.00	100	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	1442.300	38.83	-17.44	74.0	-35.17	Peak	230.00	100	Vertical	Pass
1**	1442.300	29.06	-17.44	54.0	-24.94	AV	230.00	100	Vertical	Pass
2	3996.400	50.47	-5.28	74.0	-23.53	Peak	248.00	100	Vertical	Pass
2**	3996.400	39.97	-5.28	54.0	-14.03	AV	248.00	100	Vertical	Pass
3	5781.600	89.98	-2.15	--	--	Peak	237.00	100	Vertical	N/A
3**	5781.600	82.31	-2.15	--	--	AV	237.00	100	Vertical	N/A
4	7726.513	51.61	-3.48	74.0	-22.39	Peak	269.00	200	Vertical	Pass
4**	7726.513	46.39	-3.48	54.0	-7.61	AV	269.00	200	Vertical	Pass
5	12227.900	52.79	1.31	74.0	-21.21	Peak	157.00	150	Vertical	Pass
5**	12227.900	43.46	1.31	54.0	-10.54	AV	157.00	150	Vertical	Pass
6	16093.200	55.11	1.36	74.0	-18.89	Peak	312.00	200	Vertical	Pass
6**	16093.200	46.65	1.36	54.0	-7.35	AV	312.00	200	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	1596.900	38.87	-17.64	74.0	-35.13	Peak	155.00	300	Horizontal	Pass
1**	1596.900	29.41	-17.64	54.0	-24.59	AV	155.00	300	Horizontal	Pass
2	4372.200	49.90	-4.39	74.0	-24.10	Peak	0.00	200	Horizontal	Pass
2**	4372.200	40.69	-4.39	54.0	-13.31	AV	0.00	200	Horizontal	Pass
3	5766.800	97.14	-1.82	--	--	Peak	0.00	200	Horizontal	N/A
3**	5766.800	90.02	-1.82	--	--	AV	0.00	200	Horizontal	N/A
4	7700.063	49.74	-3.17	74.0	-24.26	Peak	0.00	200	Horizontal	Pass
4**	7700.063	43.73	-3.17	54.0	-10.27	AV	0.00	200	Horizontal	Pass
5	11945.575	52.80	1.52	74.0	-21.20	Peak	60.00	150	Horizontal	Pass
5**	11945.575	43.55	1.52	54.0	-10.45	AV	60.00	150	Horizontal	Pass
6	16135.463	54.97	1.06	74.0	-19.03	Peak	253.00	100	Horizontal	Pass
6**	16135.463	45.16	1.06	54.0	-8.84	AV	253.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.200	38.40	-17.59	74.0	-35.60	Peak	45.00	100	Vertical	Pass
1**	1560.200	28.70	-17.59	54.0	-25.30	AV	45.00	100	Vertical	Pass
2	3991.600	50.34	-5.55	74.0	-23.66	Peak	231.00	200	Vertical	Pass
2**	3991.600	40.95	-5.55	54.0	-13.05	AV	231.00	200	Vertical	Pass
3	5756.400	87.93	-2.03	--	--	Peak	242.00	200	Vertical	N/A
3**	5756.400	79.90	-2.03	--	--	AV	242.00	200	Vertical	N/A
4	7700.063	50.11	-3.17	74.0	-23.89	Peak	187.00	400	Vertical	Pass
4**	7700.063	46.76	-3.17	54.0	-7.24	AV	187.00	400	Vertical	Pass
5	11607.474	52.66	-0.03	74.0	-21.34	Peak	107.00	150	Vertical	Pass
5**	11607.474	42.04	-0.03	54.0	-11.96	AV	107.00	150	Vertical	Pass
6	15855.112	55.76	1.19	74.0	-18.24	Peak	87.00	100	Vertical	Pass
6**	15855.112	45.93	1.19	54.0	-8.07	AV	87.00	100	Vertical	Pass

Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.700	40.01	-17.65	74.0	-33.99	Peak	242.00	400	Horizontal	Pass
1**	1595.700	31.26	-17.65	54.0	-22.74	AV	242.00	400	Horizontal	Pass
2	4354.800	49.63	-3.75	74.0	-24.37	Peak	339.00	400	Horizontal	Pass
2**	4354.800	41.81	-3.75	54.0	-12.19	AV	339.00	400	Horizontal	Pass
3	5174.200	100.02	-2.91	--	--	Peak	19.00	100	Horizontal	N/A
3**	5174.200	92.63	-2.91	--	--	AV	19.00	100	Horizontal	N/A
4	7361.100	48.85	-4.01	74.0	-25.15	Peak	330.00	200	Horizontal	Pass
4**	7361.100	40.14	-4.01	54.0	-13.86	AV	330.00	200	Horizontal	Pass
5	12332.262	52.50	1.38	74.0	-21.50	Peak	360.00	150	Horizontal	Pass
5**	12332.262	43.97	1.38	54.0	-10.03	AV	360.00	150	Horizontal	Pass
6	16096.612	55.55	1.28	74.0	-18.45	Peak	54.00	100	Horizontal	Pass
6**	16096.612	46.09	1.28	54.0	-7.91	AV	54.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.200	39.00	-17.59	74.0	-35.00	Peak	8.00	400	Vertical	Pass
1**	1532.200	28.59	-17.59	54.0	-25.41	AV	8.00	400	Vertical	Pass
2	3988.200	49.73	-5.68	74.0	-24.27	Peak	240.00	300	Vertical	Pass
2**	3988.200	39.39	-5.68	54.0	-14.61	AV	240.00	300	Vertical	Pass
3	5184.800	102.04	-2.85	--	--	Peak	308.00	150	Vertical	N/A
3**	5184.800	94.27	-2.85	--	--	AV	308.00	150	Vertical	N/A
4	7669.300	49.74	-2.21	74.0	-24.26	Peak	244.00	100	Vertical	Pass
4**	7669.300	39.52	-2.21	54.0	-14.48	AV	244.00	100	Vertical	Pass
5	12347.213	52.94	1.26	74.0	-21.06	Peak	261.00	150	Vertical	Pass
5**	12347.213	44.16	1.26	54.0	-9.84	AV	261.00	150	Vertical	Pass
6	15841.200	55.69	1.43	74.0	-18.31	Peak	161.00	300	Vertical	Pass
6**	15841.200	46.13	1.43	54.0	-7.87	AV	161.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.100	39.60	-17.65	74.0	-34.40	Peak	274.00	400	Horizontal	Pass
1**	1600.100	29.75	-17.65	54.0	-24.25	AV	274.00	400	Horizontal	Pass
2	4208.200	49.10	-5.21	74.0	-24.90	Peak	256.00	200	Horizontal	Pass
2**	4208.200	39.69	-5.21	54.0	-14.31	AV	256.00	200	Horizontal	Pass
3	5226.800	101.09	-2.98	--	--	Peak	19.00	200	Horizontal	N/A
3**	5226.800	93.94	-2.98	--	--	AV	19.00	200	Horizontal	N/A
4	7360.813	49.61	-4.02	74.0	-24.39	Peak	7.00	300	Horizontal	Pass
4**	7360.813	39.90	-4.02	54.0	-14.10	AV	7.00	300	Horizontal	Pass
5	12532.650	52.78	1.28	74.0	-21.22	Peak	262.00	150	Horizontal	Pass
5**	12532.650	42.93	1.28	54.0	-11.07	AV	262.00	150	Horizontal	Pass
6	16092.412	55.35	1.38	74.0	-18.65	Peak	272.00	300	Horizontal	Pass
6**	16092.412	46.86	1.38	54.0	-7.14	AV	272.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	38.59	-17.52	74.0	-35.41	Peak	19.00	400	Vertical	Pass
1**	1493.000	28.55	-17.52	54.0	-25.45	AV	19.00	400	Vertical	Pass
2	3993.400	49.58	-5.46	74.0	-24.42	Peak	309.00	100	Vertical	Pass
2**	3993.400	39.85	-5.46	54.0	-14.15	AV	309.00	100	Vertical	Pass
3	5213.200	103.28	-2.85	--	--	Peak	360.00	150	Vertical	N/A
3**	5213.200	96.06	-2.85	--	--	AV	360.00	150	Vertical	N/A
4	7385.538	49.72	-3.90	74.0	-24.28	Peak	279.00	150	Vertical	Pass
4**	7385.538	39.60	-3.90	54.0	-14.40	AV	279.00	150	Vertical	Pass
5	11967.425	52.68	0.83	74.0	-21.32	Peak	313.00	100	Vertical	Pass
5**	11967.425	43.74	0.83	54.0	-10.26	AV	313.00	100	Vertical	Pass
6	15830.700	55.98	1.49	74.0	-18.02	Peak	227.00	200	Vertical	Pass
6**	15830.700	46.34	1.49	54.0	-7.66	AV	227.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.800	38.82	-17.43	74.0	-35.18	Peak	154.00	100	Horizontal	Pass
1**	1444.800	29.05	-17.43	54.0	-24.95	AV	154.00	100	Horizontal	Pass
2	3985.800	51.40	-5.69	74.0	-22.60	Peak	241.00	400	Horizontal	Pass
2**	3985.800	40.66	-5.69	54.0	-13.34	AV	241.00	400	Horizontal	Pass
3	5234.600	103.28	-2.83	--	--	Peak	307.00	200	Horizontal	N/A
3**	5234.600	96.13	-2.83	--	--	AV	307.00	200	Horizontal	N/A
4	7353.337	49.29	-3.88	74.0	-24.71	Peak	111.00	200	Horizontal	Pass
4**	7353.337	40.97	-3.88	54.0	-13.03	AV	111.00	200	Horizontal	Pass
5	12267.000	53.39	1.35	74.0	-20.61	Peak	360.00	100	Horizontal	Pass
5**	12267.000	44.26	1.35	54.0	-9.74	AV	360.00	100	Horizontal	Pass
6	15849.338	55.35	1.34	74.0	-18.65	Peak	230.00	400	Horizontal	Pass
6**	15849.338	46.55	1.34	54.0	-7.45	AV	230.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.800	38.82	-17.43	74.0	-35.18	Peak	154.00	400	Vertical	Pass
1**	1444.800	29.05	-17.43	54.0	-24.95	AV	154.00	400	Vertical	Pass
2	3985.800	51.40	-5.69	74.0	-22.60	Peak	241.00	400	Vertical	Pass
2**	3985.800	40.66	-5.69	54.0	-13.34	AV	241.00	400	Vertical	Pass
3	5234.600	103.28	-2.83	--	--	Peak	307.00	100	Vertical	N/A
3**	5234.600	96.13	-2.83	--	--	AV	307.00	100	Vertical	N/A
4	7353.337	49.29	-3.88	74.0	-24.71	Peak	111.00	400	Vertical	Pass
4**	7353.337	40.97	-3.88	54.0	-13.03	AV	111.00	400	Vertical	Pass
5	12267.000	53.39	1.35	74.0	-20.61	Peak	360.00	200	Vertical	Pass
5**	12267.000	44.26	1.35	54.0	-9.74	AV	360.00	200	Vertical	Pass
6	15849.338	55.35	1.34	74.0	-18.65	Peak	230.00	200	Vertical	Pass
6**	15849.338	46.55	1.34	54.0	-7.45	AV	230.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	41.24	-17.63	74.0	-32.76	Peak	274.00	300	Horizontal	Pass
1**	1597.000	32.45	-17.63	54.0	-21.55	AV	274.00	300	Horizontal	Pass
2	4360.000	49.62	-3.76	74.0	-24.38	Peak	338.00	400	Horizontal	Pass
2**	4360.000	40.20	-3.76	54.0	-13.80	AV	338.00	400	Horizontal	Pass
3	5173.200	100.42	-2.88	--	82.42	Peak	18.00	100	Horizontal	N/A
3**	5173.200	92.35	-2.88	--	92.35	AV	18.00	100	Horizontal	N/A
4	7380.650	49.19	-3.65	74.0	-24.81	Peak	299.00	200	Horizontal	Pass
4**	7380.650	40.78	-3.65	54.0	-13.22	AV	299.00	200	Horizontal	Pass
5	11923.724	52.76	1.51	74.0	-21.24	Peak	21.00	200	Horizontal	Pass
5**	11923.724	43.99	1.51	54.0	-10.01	AV	21.00	200	Horizontal	Pass
6	16114.987	55.66	0.68	74.0	-18.34	Peak	165.00	400	Horizontal	Pass
6**	16114.987	45.53	0.68	54.0	-8.47	AV	165.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.600	38.67	-17.40	74.0	-35.33	Peak	39.00	200	Vertical	Pass
1**	1461.600	30.08	-17.40	54.0	-23.92	AV	39.00	200	Vertical	Pass
2	4388.800	49.39	-4.72	74.0	-24.61	Peak	220.00	300	Vertical	Pass
2**	4388.800	39.59	-4.72	54.0	-14.41	AV	220.00	300	Vertical	Pass
3	5186.800	103.55	-2.74	--	--	Peak	305.00	100	Vertical	N/A
3**	5186.800	96.01	-2.74	--	--	AV	305.00	100	Vertical	N/A
4	7463.450	48.99	-3.62	74.0	-25.01	Peak	346.00	100	Vertical	Pass
4**	7463.450	39.48	-3.62	54.0	-14.52	AV	346.00	100	Vertical	Pass
5	12268.438	52.91	1.40	74.0	-21.09	Peak	295.00	150	Vertical	Pass
5**	12268.438	43.62	1.40	54.0	-10.38	AV	295.00	150	Vertical	Pass
6	16095.825	55.51	1.30	74.0	-18.49	Peak	360.00	100	Vertical	Pass
6**	16095.825	46.78	1.30	54.0	-7.22	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.400	39.94	-17.54	74.0	-34.06	Peak	135.00	300	Horizontal	Pass
1**	1598.400	29.68	-17.54	54.0	-24.32	AV	135.00	300	Horizontal	Pass
2	4132.200	49.48	-5.10	74.0	-24.52	Peak	220.00	400	Horizontal	Pass
2**	4132.200	39.72	-5.10	54.0	-14.28	AV	220.00	400	Horizontal	Pass
3	5212.600	101.07	-2.84	--	--	Peak	18.00	200	Horizontal	N/A
3**	5212.600	93.43	-2.84	--	--	AV	18.00	200	Horizontal	N/A
4	7324.013	49.62	-3.58	74.0	-24.38	Peak	330.00	400	Horizontal	Pass
4**	7324.013	39.09	-3.58	54.0	-14.91	AV	330.00	400	Horizontal	Pass
5	11851.850	53.21	1.10	74.0	-20.79	Peak	360.00	150	Horizontal	Pass
5**	11851.850	42.49	1.10	54.0	-11.51	AV	360.00	150	Horizontal	Pass
6	16091.362	55.43	1.41	74.0	-18.57	Peak	171.00	400	Horizontal	Pass
6**	16091.362	46.61	1.41	54.0	-7.39	AV	171.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.900	38.59	-17.51	74.0	-35.41	Peak	329.00	200	Vertical	Pass
1**	1554.900	29.43	-17.51	54.0	-24.57	AV	329.00	200	Vertical	Pass
2	4356.200	49.80	-3.67	74.0	-24.20	Peak	300.00	100	Vertical	Pass
2**	4356.200	40.38	-3.67	54.0	-13.62	AV	300.00	100	Vertical	Pass
3	5225.600	103.66	-3.06	--	--	Peak	300.00	200	Vertical	N/A
3**	5225.600	96.27	-3.06	--	--	AV	300.00	200	Vertical	N/A
4	7334.938	49.37	-3.40	74.0	-24.63	Peak	265.00	300	Vertical	Pass
4**	7334.938	40.39	-3.40	54.0	-13.61	AV	265.00	300	Vertical	Pass
5	12328.526	53.32	1.42	74.0	-20.68	Peak	265.00	100	Vertical	Pass
5**	12328.526	44.37	1.42	54.0	-9.63	AV	265.00	100	Vertical	Pass
6	15630.675	55.58	1.68	74.0	-18.42	Peak	204.00	300	Vertical	Pass
6**	15630.675	45.84	1.68	54.0	-8.16	AV	204.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.400	39.58	-17.53	74.0	-34.42	Peak	107.00	300	Horizontal	Pass
1**	1468.400	29.32	-17.53	54.0	-24.68	AV	107.00	300	Horizontal	Pass
2	4230.200	49.71	-4.59	74.0	-24.29	Peak	52.00	300	Horizontal	Pass
2**	4230.200	40.11	-4.59	54.0	-13.89	AV	52.00	300	Horizontal	Pass
3	5236.800	101.03	-2.84	--	--	Peak	20.00	150	Horizontal	N/A
3**	5236.800	92.07	-2.84	--	--	AV	20.00	150	Horizontal	N/A
4	7369.150	49.02	-4.09	74.0	-24.98	Peak	149.00	400	Horizontal	Pass
4**	7369.150	40.38	-4.09	54.0	-13.62	AV	149.00	400	Horizontal	Pass
5	12340.312	53.02	1.29	74.0	-20.98	Peak	215.00	100	Horizontal	Pass
5**	12340.312	42.85	1.29	54.0	-11.15	AV	215.00	100	Horizontal	Pass
6	16028.625	55.47	0.70	74.0	-18.53	Peak	279.00	300	Horizontal	Pass
6**	16028.625	47.61	0.70	54.0	-6.39	AV	279.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.000	39.20	-17.47	74.0	-34.80	Peak	162.00	200	Vertical	Pass
1**	1570.000	29.39	-17.47	54.0	-24.61	AV	162.00	200	Vertical	Pass
2	4366.600	49.59	-4.10	74.0	-24.41	Peak	188.00	200	Vertical	Pass
2**	4366.600	40.74	-4.10	54.0	-13.26	AV	188.00	200	Vertical	Pass
3	5233.600	103.22	-2.81	--	--	Peak	360.00	150	Vertical	N/A
3**	5233.600	96.07	-2.81	--	--	AV	360.00	150	Vertical	N/A
4	7355.062	49.92	-4.00	74.0	-24.08	Peak	248.00	200	Vertical	Pass
4**	7355.062	40.39	-4.00	54.0	-13.61	AV	248.00	200	Vertical	Pass
5	12209.787	52.94	1.01	74.0	-21.06	Peak	167.00	150	Vertical	Pass
5**	12209.787	43.08	1.01	54.0	-10.92	AV	167.00	150	Vertical	Pass
6	15853.799	55.11	1.23	74.0	-18.89	Peak	340.00	400	Vertical	Pass
6**	15853.799	46.72	1.23	54.0	-7.28	AV	340.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.900	39.12	-17.60	74.0	-34.88	Peak	146.00	100	Horizontal	Pass
1**	1516.900	30.54	-17.60	54.0	-23.46	AV	146.00	100	Horizontal	Pass
2	4362.200	49.36	-3.80	74.0	-24.64	Peak	231.00	400	Horizontal	Pass
2**	4362.200	41.01	-3.80	54.0	-12.99	AV	231.00	400	Horizontal	Pass
3	5205.600	96.86	-2.45	--	--	Peak	17.00	150	Horizontal	N/A
3**	5205.600	89.27	-2.45	--	--	AV	17.00	150	Horizontal	N/A
4	7348.738	49.42	-3.86	74.0	-24.58	Peak	118.00	400	Horizontal	Pass
4**	7348.738	40.20	-3.86	54.0	-13.80	AV	118.00	400	Horizontal	Pass
5	11934.937	52.79	1.69	74.0	-21.21	Peak	4.00	100	Horizontal	Pass
5**	11934.937	43.56	1.69	54.0	-10.44	AV	4.00	100	Horizontal	Pass
6	15848.025	55.51	1.35	74.0	-18.49	Peak	150.00	100	Horizontal	Pass
6**	15848.025	46.56	1.35	54.0	-7.44	AV	150.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.100	39.08	-17.55	74.0	-34.92	Peak	76.00	200	Vertical	Pass
1**	1533.100	28.97	-17.55	54.0	-25.03	AV	76.00	200	Vertical	Pass
2	3982.400	50.32	-5.63	74.0	-23.68	Peak	249.00	100	Vertical	Pass
2**	3982.400	41.26	-5.63	54.0	-12.74	AV	249.00	100	Vertical	Pass
3	5205.200	99.66	-2.47	--	--	Peak	0.00	150	Vertical	N/A
3**	5205.200	92.49	-2.47	--	--	AV	0.00	150	Vertical	N/A
4	7318.837	49.19	-3.67	74.0	-24.81	Peak	183.00	300	Vertical	Pass
4**	7318.837	39.04	-3.67	54.0	-14.96	AV	183.00	300	Vertical	Pass
5	12545.875	53.31	1.39	74.0	-20.69	Peak	0.00	150	Vertical	Pass
5**	12545.875	44.14	1.39	54.0	-9.86	AV	0.00	150	Vertical	Pass
6	15837.525	56.26	1.45	74.0	-17.74	Peak	73.00	300	Vertical	Pass
6**	15837.525	46.13	1.45	54.0	-7.87	AV	73.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.500	38.67	-17.50	74.0	-35.33	Peak	125.00	400	Horizontal	Pass
1**	1555.500	29.42	-17.50	54.0	-24.58	AV	125.00	400	Horizontal	Pass
2	4261.000	49.02	-4.68	74.0	-24.98	Peak	82.00	100	Horizontal	Pass
2**	4261.000	40.10	-4.68	54.0	-13.90	AV	82.00	100	Horizontal	Pass
3	5215.000	97.25	-2.84	--	--	Peak	19.00	150	Horizontal	N/A
3**	5215.000	90.41	-2.84	--	--	AV	19.00	150	Horizontal	N/A
4	7364.550	49.41	-4.02	74.0	-24.59	Peak	263.00	300	Horizontal	Pass
4**	7364.550	40.17	-4.02	54.0	-13.83	AV	263.00	300	Horizontal	Pass
5	12220.425	53.14	1.23	74.0	-20.86	Peak	51.00	150	Horizontal	Pass
5**	12220.425	43.64	1.23	54.0	-10.36	AV	51.00	150	Horizontal	Pass
6	16100.025	55.33	1.20	74.0	-18.67	Peak	360.00	100	Horizontal	Pass
6**	16100.025	46.53	1.20	54.0	-7.47	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.200	38.51	-17.52	74.0	-35.49	Peak	291.00	100	Vertical	Pass
1**	1546.200	29.16	-17.52	54.0	-24.84	AV	291.00	100	Vertical	Pass
2	4256.400	49.19	-4.95	74.0	-24.81	Peak	192.00	100	Vertical	Pass
2**	4256.400	39.78	-4.95	54.0	-14.22	AV	192.00	100	Vertical	Pass
3	5214.400	99.42	-2.84	--	--	Peak	360.00	200	Vertical	N/A
3**	5214.400	91.88	-2.84	--	--	AV	360.00	200	Vertical	N/A
4	7347.875	49.59	-3.84	74.0	-24.41	Peak	164.00	400	Vertical	Pass
4**	7347.875	40.01	-3.84	54.0	-13.99	AV	164.00	400	Vertical	Pass
5	11947.588	52.73	1.47	74.0	-21.27	Peak	0.00	100	Vertical	Pass
5**	11947.588	43.73	1.47	54.0	-10.27	AV	0.00	100	Vertical	Pass
6	16191.112	55.55	1.58	74.0	-18.45	Peak	360.00	400	Vertical	Pass
6**	16191.112	45.57	1.58	54.0	-8.43	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.700	38.95	-17.46	74.0	-35.05	Peak	201.00	400	Horizontal	Pass
1**	1593.700	31.05	-17.46	54.0	-22.95	AV	201.00	400	Horizontal	Pass
2	4255.800	49.29	-4.97	74.0	-24.71	Peak	165.00	400	Horizontal	Pass
2**	4255.800	39.74	-4.97	54.0	-14.26	AV	165.00	400	Horizontal	Pass
3	5174.400	100.54	-2.92	--	--	Peak	18.00	200	Horizontal	N/A
3**	5174.400	93.65	-2.92	--	--	AV	18.00	200	Horizontal	N/A
4	7354.487	49.08	-3.96	74.0	-24.92	Peak	0.00	200	Horizontal	Pass
4**	7354.487	40.27	-3.96	54.0	-13.73	AV	0.00	200	Horizontal	Pass
5	12212.375	53.47	1.10	74.0	-20.53	Peak	360.00	150	Horizontal	Pass
5**	12212.375	43.87	1.10	54.0	-10.13	AV	360.00	150	Horizontal	Pass
6	16091.625	55.32	1.40	74.0	-18.68	Peak	112.00	200	Horizontal	Pass
6**	16091.625	46.42	1.40	54.0	-7.58	AV	112.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.100	38.49	-17.46	74.0	-35.51	Peak	41.00	100	Vertical	Pass
1**	1460.100	28.56	-17.46	54.0	-25.44	AV	41.00	100	Vertical	Pass
2	4388.600	49.52	-4.72	74.0	-24.48	Peak	229.00	100	Vertical	Pass
2**	4388.600	39.58	-4.72	54.0	-14.42	AV	229.00	100	Vertical	Pass
3	5184.800	103.16	-2.85	--	--	Peak	297.00	200	Vertical	N/A
3**	5184.800	95.56	-2.85	--	--	AV	297.00	200	Vertical	N/A
4	7359.950	48.77	-4.05	74.0	-25.23	Peak	232.00	200	Vertical	Pass
4**	7359.950	40.70	-4.05	54.0	-13.30	AV	232.00	200	Vertical	Pass
5	12577.500	52.84	1.68	74.0	-21.16	Peak	331.00	100	Vertical	Pass
5**	12577.500	43.29	1.68	54.0	-10.71	AV	331.00	100	Vertical	Pass
6	16079.287	55.31	1.63	74.0	-18.69	Peak	208.00	300	Vertical	Pass
6**	16079.287	46.86	1.63	54.0	-7.14	AV	208.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.900	39.79	-17.49	74.0	-34.21	Peak	194.00	100	Horizontal	Pass
1**	1592.900	33.68	-17.49	54.0	-20.32	AV	194.00	100	Horizontal	Pass
2	4376.200	49.54	-4.43	74.0	-24.46	Peak	358.00	400	Horizontal	Pass
2**	4376.200	41.01	-4.43	54.0	-12.99	AV	358.00	400	Horizontal	Pass
3	5214.400	101.47	-2.84	--	--	Peak	20.00	150	Horizontal	N/A
3**	5214.400	93.94	-2.84	--	--	AV	20.00	150	Horizontal	N/A
4	7363.975	49.48	-4.01	74.0	-24.52	Peak	360.00	400	Horizontal	Pass
4**	7363.975	39.93	-4.01	54.0	-14.07	AV	360.00	400	Horizontal	Pass
5	12442.662	53.18	1.80	74.0	-20.82	Peak	280.00	200	Horizontal	Pass
5**	12442.662	43.77	1.80	54.0	-10.23	AV	280.00	200	Horizontal	Pass
6	15624.375	55.94	1.71	74.0	-18.06	Peak	169.00	300	Horizontal	Pass
6**	15624.375	45.94	1.71	54.0	-8.06	AV	169.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.400	38.69	-17.53	74.0	-35.31	Peak	209.00	100	Vertical	Pass
1**	1501.400	29.62	-17.53	54.0	-24.38	AV	209.00	100	Vertical	Pass
2	4228.600	50.00	-4.55	74.0	-24.00	Peak	122.00	200	Vertical	Pass
2**	4228.600	39.81	-4.55	54.0	-14.19	AV	122.00	200	Vertical	Pass
3	5226.800	103.82	-2.98	--	--	Peak	304.00	150	Vertical	N/A
3**	5226.800	96.26	-2.98	--	--	AV	304.00	150	Vertical	N/A
4	7518.938	49.79	-3.86	74.0	-24.21	Peak	232.00	400	Vertical	Pass
4**	7518.938	38.27	-3.86	54.0	-15.73	AV	232.00	400	Vertical	Pass
5	12597.625	53.34	1.84	74.0	-20.66	Peak	330.00	150	Vertical	Pass
5**	12597.625	43.15	1.84	54.0	-10.85	AV	330.00	150	Vertical	Pass
6	15857.212	56.84	1.08	74.0	-17.16	Peak	265.00	400	Vertical	Pass
6**	15857.212	45.89	1.08	54.0	-8.11	AV	265.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.600	39.61	-17.58	74.0	-34.39	Peak	39.00	100	Horizontal	Pass
1**	1506.600	28.88	-17.58	54.0	-25.12	AV	39.00	100	Horizontal	Pass
2	4364.400	49.42	-3.90	74.0	-24.58	Peak	52.00	400	Horizontal	Pass
2**	4364.400	40.06	-3.90	54.0	-13.94	AV	52.00	400	Horizontal	Pass
3	5245.800	101.17	-2.68	--	--	Peak	19.00	150	Horizontal	N/A
3**	5245.800	93.12	-2.68	--	--	AV	19.00	150	Horizontal	N/A
4	7379.500	48.94	-3.63	74.0	-25.06	Peak	66.00	400	Horizontal	Pass
4**	7379.500	40.46	-3.63	54.0	-13.54	AV	66.00	400	Horizontal	Pass
5	12604.812	53.02	1.92	74.0	-20.98	Peak	265.00	200	Horizontal	Pass
5**	12604.812	43.61	1.92	54.0	-10.39	AV	265.00	200	Horizontal	Pass
6	15582.113	55.34	1.36	74.0	-18.66	Peak	93.00	200	Horizontal	Pass
6**	15582.113	45.59	1.36	54.0	-8.41	AV	93.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.100	38.25	-17.55	74.0	-35.75	Peak	152.00	400	Vertical	Pass
1**	1598.100	29.65	-17.55	54.0	-24.35	AV	152.00	400	Vertical	Pass
2	4378.400	49.67	-4.45	74.0	-24.33	Peak	325.00	100	Vertical	Pass
2**	4378.400	39.51	-4.45	54.0	-14.49	AV	325.00	100	Vertical	Pass
3	5233.000	103.33	-2.84	--	--	Peak	360.00	150	Vertical	N/A
3**	5233.000	96.10	-2.84	--	--	AV	360.00	150	Vertical	N/A
4	7340.400	49.96	-3.55	74.0	-24.04	Peak	283.00	400	Vertical	Pass
4**	7340.400	40.24	-3.55	54.0	-13.76	AV	283.00	400	Vertical	Pass
5	12341.750	52.78	1.28	74.0	-21.22	Peak	184.00	200	Vertical	Pass
5**	12341.750	43.88	1.28	54.0	-10.12	AV	184.00	200	Vertical	Pass
6	15624.637	55.30	1.71	74.0	-18.70	Peak	283.00	300	Vertical	Pass
6**	15624.637	46.04	1.71	54.0	-7.96	AV	283.00	300	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	1493.900	38.88	-17.57	74.0	-35.12	Peak	210.00	100	Horizontal	Pass
1**	1493.900	28.79	-17.57	54.0	-25.21	AV	210.00	100	Horizontal	Pass
2	4357.000	49.77	-3.70	74.0	-24.23	Peak	360.00	200	Horizontal	Pass
2**	4357.000	40.12	-3.70	54.0	-13.88	AV	360.00	200	Horizontal	Pass
3	5204.200	97.38	-2.53	--	--	Peak	30.00	150	Horizontal	N/A
3**	5204.200	91.22	-2.53	--	--	AV	30.00	150	Horizontal	N/A
4	7372.313	48.95	-3.83	74.0	-25.05	Peak	72.00	300	Horizontal	Pass
4**	7372.313	40.38	-3.83	54.0	-13.62	AV	72.00	300	Horizontal	Pass
5	12567.151	52.47	1.71	74.0	-21.53	Peak	6.00	200	Horizontal	Pass
5**	12567.151	42.89	1.71	54.0	-11.11	AV	6.00	200	Horizontal	Pass
6	16084.275	55.27	1.54	74.0	-18.73	Peak	360.00	300	Horizontal	Pass
6**	16084.275	46.24	1.54	54.0	-7.76	AV	360.00	300	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	1442.500	38.44	-17.43	74.0	-35.56	Peak	193.00	200	Vertical	Pass
1**	1442.500	29.17	-17.43	54.0	-24.83	AV	193.00	200	Vertical	Pass
2	4362.200	49.52	-3.80	74.0	-24.48	Peak	298.00	200	Vertical	Pass
2**	4362.200	41.00	-3.80	54.0	-13.00	AV	298.00	200	Vertical	Pass
3	5205.400	100.12	-2.46	--	--	Peak	307.00	100	Vertical	N/A
3**	5205.400	93.12	-2.46	--	--	AV	307.00	100	Vertical	N/A
4	7330.625	48.93	-3.61	74.0	-25.07	Peak	347.00	100	Vertical	Pass
4**	7330.625	40.51	-3.61	54.0	-13.49	AV	347.00	100	Vertical	Pass
5	12602.800	53.17	1.91	74.0	-20.83	Peak	64.00	200	Vertical	Pass
5**	12602.800	43.22	1.91	54.0	-10.78	AV	64.00	200	Vertical	Pass
6	15502.576	55.29	1.22	74.0	-18.71	Peak	16.00	100	Vertical	Pass
6**	15502.576	45.56	1.22	54.0	-8.44	AV	16.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.000	39.16	-17.62	74.0	-34.84	Peak	137.00	200	Horizontal	Pass
1**	1513.000	28.95	-17.62	54.0	-25.05	AV	137.00	200	Horizontal	Pass
2	4361.600	49.90	-3.78	74.0	-24.10	Peak	0.00	400	Horizontal	Pass
2**	4361.600	41.15	-3.78	54.0	-12.85	AV	0.00	400	Horizontal	Pass
3	5243.200	97.32	-2.68	--	78.32	Peak	19.00	100	Horizontal	N/A
3**	5243.200	89.71	-2.68	--	89.71	AV	19.00	100	Horizontal	N/A
4	7359.375	49.85	-4.07	74.0	-24.15	Peak	297.00	400	Horizontal	Pass
4**	7359.375	40.70	-4.07	54.0	-13.30	AV	297.00	400	Horizontal	Pass
5	12224.162	53.53	1.29	74.0	-20.47	Peak	131.00	100	Horizontal	Pass
5**	12224.162	44.56	1.29	54.0	-9.44	AV	131.00	100	Horizontal	Pass
6	15842.513	55.37	1.41	74.0	-18.63	Peak	209.00	100	Horizontal	Pass
6**	15842.513	46.41	1.41	54.0	-7.59	AV	209.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.500	38.56	-17.54	74.0	-35.44	Peak	352.00	400	Vertical	Pass
1**	1482.500	28.57	-17.54	54.0	-25.43	AV	352.00	400	Vertical	Pass
2	4361.600	49.09	-3.78	74.0	-24.91	Peak	127.00	200	Vertical	Pass
2**	4361.600	40.75	-3.78	54.0	-13.25	AV	127.00	200	Vertical	Pass
3	5245.000	99.47	-2.65	--	--	Peak	7.00	200	Vertical	N/A
3**	5245.000	92.74	-2.65	--	--	AV	7.00	200	Vertical	N/A
4	7335.800	49.40	-3.37	74.0	-24.60	Peak	248.00	300	Vertical	Pass
4**	7335.800	40.69	-3.37	54.0	-13.31	AV	248.00	300	Vertical	Pass
5	12581.238	53.24	1.63	74.0	-20.76	Peak	18.00	100	Vertical	Pass
5**	12581.238	42.94	1.63	54.0	-11.06	AV	18.00	100	Vertical	Pass
6	15841.200	55.83	1.43	74.0	-18.17	Peak	35.00	300	Vertical	Pass
6**	15841.200	46.26	1.43	54.0	-7.74	AV	35.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.700	39.20	-17.46	74.0	-34.80	Peak	149.00	300	Horizontal	Pass
1**	1593.700	30.23	-17.46	54.0	-23.77	AV	149.00	300	Horizontal	Pass
2	4351.000	49.83	-3.99	74.0	-24.17	Peak	39.00	100	Horizontal	Pass
2**	4351.000	39.56	-3.99	54.0	-14.44	AV	39.00	100	Horizontal	Pass
3	5182.600	93.71	-2.72	--	--	Peak	18.00	200	Horizontal	N/A
3**	5182.600	85.98	-2.72	--	--	AV	18.00	200	Horizontal	N/A
4	7364.550	48.94	-4.02	74.0	-25.06	Peak	330.00	400	Horizontal	Pass
4**	7364.550	39.72	-4.02	54.0	-14.28	AV	330.00	400	Horizontal	Pass
5	12434.612	52.81	1.69	74.0	-21.19	Peak	82.00	150	Horizontal	Pass
5**	12434.612	44.28	1.69	54.0	-9.72	AV	82.00	150	Horizontal	Pass
6	15845.925	55.65	1.36	74.0	-18.35	Peak	281.00	200	Horizontal	Pass
6**	15845.925	46.28	1.36	54.0	-7.72	AV	281.00	200	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	1459.200	38.57	-17.48	74.0	-35.43	Peak	16.00	300	Vertical	Pass
1**	1459.200	29.76	-17.48	54.0	-24.24	AV	16.00	300	Vertical	Pass
2	4382.800	49.10	-4.58	74.0	-24.90	Peak	198.00	300	Vertical	Pass
2**	4382.800	40.58	-4.58	54.0	-13.42	AV	198.00	300	Vertical	Pass
3	5192.200	96.64	-2.68	--	--	Peak	360.00	200	Vertical	N/A
3**	5192.200	89.51	-2.68	--	--	AV	360.00	200	Vertical	N/A
4	7340.112	49.47	-3.52	74.0	-24.53	Peak	276.00	300	Vertical	Pass
4**	7340.112	40.41	-3.52	54.0	-13.59	AV	276.00	300	Vertical	Pass
5	12308.400	53.09	1.38	74.0	-20.91	Peak	80.00	200	Vertical	Pass
5**	12308.400	42.83	1.38	54.0	-11.17	AV	80.00	200	Vertical	Pass
6	15838.050	55.19	1.45	74.0	-18.81	Peak	110.00	100	Vertical	Pass
6**	15838.050	45.77	1.45	54.0	-8.23	AV	110.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.700	39.81	-17.38	74.0	-34.19	Peak	272.00	400	Horizontal	Pass
1**	1449.700	29.39	-17.38	54.0	-24.61	AV	272.00	400	Horizontal	Pass
2	4227.800	49.74	-4.63	74.0	-24.26	Peak	18.00	100	Horizontal	Pass
2**	4227.800	39.77	-4.63	54.0	-14.23	AV	18.00	100	Horizontal	Pass
3	5749.800	98.41	-2.16	--	--	Peak	18.00	150	Horizontal	N/A
3**	5749.800	91.34	-2.16	--	--	AV	18.00	150	Horizontal	N/A
4	7349.887	49.63	-3.87	74.0	-24.37	Peak	347.00	200	Horizontal	Pass
4**	7349.887	41.14	-3.87	54.0	-12.86	AV	347.00	200	Horizontal	Pass
5	12517.701	53.11	1.50	74.0	-20.89	Peak	65.00	100	Horizontal	Pass
5**	12517.701	42.93	1.50	54.0	-11.07	AV	65.00	100	Horizontal	Pass
6	15842.775	55.49	1.40	74.0	-18.51	Peak	28.00	100	Horizontal	Pass
6**	15842.775	46.22	1.40	54.0	-7.78	AV	28.00	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	1568.100	39.19	-17.51	74.0	-34.81	Peak	15.00	400	Vertical	Pass
1**	1568.100	29.01	-17.51	54.0	-24.99	AV	15.00	400	Vertical	Pass
2	4349.400	49.66	-4.07	74.0	-24.34	Peak	0.00	400	Vertical	Pass
2**	4349.400	40.58	-4.07	54.0	-13.42	AV	0.00	400	Vertical	Pass
3	5749.200	104.36	-2.16	--	--	Peak	14.00	150	Vertical	N/A
3**	5749.200	96.80	-2.16	--	--	AV	14.00	150	Vertical	N/A
4	7660.100	51.08	-2.83	74.0	-22.92	Peak	168.00	150	Vertical	Pass
4**	7660.100	46.51	-2.83	54.0	-7.49	AV	168.00	150	Vertical	Pass
5	11940.688	53.47	1.67	74.0	-20.53	Peak	359.00	200	Vertical	Pass
5**	11940.688	43.90	1.67	54.0	-10.10	AV	359.00	200	Vertical	Pass
6	15861.675	55.93	0.89	74.0	-18.07	Peak	360.00	400	Vertical	Pass
6**	15861.675	46.07	0.89	54.0	-7.93	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.100	38.74	-17.52	74.0	-35.26	Peak	4.00	200	Horizontal	Pass
1**	1578.100	28.77	-17.52	54.0	-25.23	AV	4.00	200	Horizontal	Pass
2	4231.200	49.70	-4.61	74.0	-24.30	Peak	80.00	200	Horizontal	Pass
2**	4231.200	40.23	-4.61	54.0	-13.77	AV	80.00	200	Horizontal	Pass
3	5789.200	98.65	-2.50	--	--	Peak	63.00	200	Horizontal	N/A
3**	5789.200	90.91	-2.50	--	--	AV	63.00	200	Horizontal	N/A
4	7350.462	50.02	-3.88	74.0	-23.98	Peak	117.00	200	Horizontal	Pass
4**	7350.462	40.30	-3.88	54.0	-13.70	AV	117.00	200	Horizontal	Pass
5	12094.213	52.65	0.51	74.0	-21.35	Peak	94.00	150	Horizontal	Pass
5**	12094.213	43.45	0.51	54.0	-10.55	AV	94.00	150	Horizontal	Pass
6	16054.612	55.51	0.78	74.0	-18.49	Peak	360.00	400	Horizontal	Pass
6**	16054.612	44.86	0.78	54.0	-9.14	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.100	39.38	-17.73	74.0	-34.62	Peak	229.00	400	Vertical	Pass
1**	1609.100	29.13	-17.73	54.0	-24.87	AV	229.00	400	Vertical	Pass
2	3987.400	50.07	-5.72	74.0	-23.93	Peak	252.00	100	Vertical	Pass
2**	3987.400	39.02	-5.72	54.0	-14.98	AV	252.00	100	Vertical	Pass
3	5791.200	104.66	-2.57	--	--	Peak	16.00	200	Vertical	N/A
3**	5791.200	97.66	-2.57	--	--	AV	16.00	200	Vertical	N/A
4	7713.575	50.33	-2.90	74.0	-23.67	Peak	264.00	150	Vertical	Pass
4**	7713.575	47.28	-2.90	54.0	-6.72	AV	264.00	150	Vertical	Pass
5	12372.513	53.86	1.31	74.0	-20.14	Peak	264.00	150	Vertical	Pass
5**	12372.513	43.34	1.31	54.0	-10.66	AV	264.00	150	Vertical	Pass
6	16099.237	55.33	1.22	74.0	-18.67	Peak	111.00	200	Vertical	Pass
6**	16099.237	46.34	1.22	54.0	-7.66	AV	111.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.800	39.20	-17.54	74.0	-34.80	Peak	227.00	300	Horizontal	Pass
1**	1594.800	30.80	-17.54	54.0	-23.20	AV	227.00	300	Horizontal	Pass
2	4226.800	49.34	-4.72	74.0	-24.66	Peak	189.00	300	Horizontal	Pass
2**	4226.800	40.60	-4.72	54.0	-13.40	AV	189.00	300	Horizontal	Pass
3	5830.400	99.39	-2.14	--	--	Peak	61.00	200	Horizontal	N/A
3**	5830.400	91.64	-2.14	--	--	AV	61.00	200	Horizontal	N/A
4	7363.687	49.40	-4.01	74.0	-24.60	Peak	322.00	200	Horizontal	Pass
4**	7363.687	39.98	-4.01	54.0	-14.02	AV	322.00	200	Horizontal	Pass
5	12540.412	52.99	1.29	74.0	-21.01	Peak	111.00	100	Horizontal	Pass
5**	12540.412	43.79	1.29	54.0	-10.21	AV	111.00	100	Horizontal	Pass
6	16076.137	55.85	1.56	74.0	-18.15	Peak	360.00	200	Horizontal	Pass
6**	16076.137	46.01	1.56	54.0	-7.99	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.900	38.78	-17.55	74.0	-35.22	Peak	43.00	400	Vertical	Pass
1**	1500.900	28.58	-17.55	54.0	-25.42	AV	43.00	400	Vertical	Pass
2	4348.200	49.46	-4.16	74.0	-24.54	Peak	0.00	200	Vertical	Pass
2**	4348.200	39.92	-4.16	54.0	-14.08	AV	0.00	200	Vertical	Pass
3	5831.200	104.83	-2.10	--	--	Peak	11.00	200	Vertical	N/A
3**	5831.200	98.12	-2.10	--	--	AV	11.00	200	Vertical	N/A
4	7355.638	50.17	-4.05	74.0	-23.83	Peak	19.00	300	Vertical	Pass
4**	7355.638	40.69	-4.05	54.0	-13.31	AV	19.00	300	Vertical	Pass
5	11929.763	53.80	1.56	74.0	-20.20	Peak	312.00	150	Vertical	Pass
5**	11929.763	43.59	1.56	54.0	-10.41	AV	312.00	150	Vertical	Pass
6	16085.850	55.55	1.51	74.0	-18.45	Peak	33.00	300	Vertical	Pass
6**	16085.850	46.84	1.51	54.0	-7.16	AV	33.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.500	39.30	-17.51	74.0	-34.70	Peak	199.00	400	Horizontal	Pass
1**	1594.500	29.54	-17.51	54.0	-24.46	AV	199.00	400	Horizontal	Pass
2	4352.200	49.93	-3.95	74.0	-24.07	Peak	96.00	400	Horizontal	Pass
2**	4352.200	40.16	-3.95	54.0	-13.84	AV	96.00	400	Horizontal	Pass
3	5751.600	98.39	-2.18	--	--	Peak	19.00	200	Horizontal	N/A
3**	5751.600	90.98	-2.18	--	--	AV	19.00	200	Horizontal	N/A
4	7330.913	49.48	-3.61	74.0	-24.52	Peak	360.00	100	Horizontal	Pass
4**	7330.913	40.75	-3.61	54.0	-13.25	AV	360.00	100	Horizontal	Pass
5	12691.925	53.96	0.84	74.0	-20.04	Peak	0.00	150	Horizontal	Pass
5**	12691.925	43.58	0.84	54.0	-10.42	AV	0.00	150	Horizontal	Pass
6	15843.562	55.81	1.39	74.0	-18.19	Peak	75.00	400	Horizontal	Pass
6**	15843.562	46.98	1.39	54.0	-7.02	AV	75.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.400	38.57	-17.46	74.0	-35.43	Peak	123.00	100	Vertical	Pass
1**	1570.400	29.23	-17.46	54.0	-24.77	AV	123.00	100	Vertical	Pass
2	3983.800	49.83	-5.61	74.0	-24.17	Peak	234.00	300	Vertical	Pass
2**	3983.800	42.13	-5.61	54.0	-11.87	AV	234.00	300	Vertical	Pass
3	5751.000	104.17	-2.17	--	--	Peak	7.00	150	Vertical	N/A
3**	5751.000	96.74	-2.17	--	--	AV	7.00	150	Vertical	N/A
4	7660.388	50.68	-2.79	74.0	-23.32	Peak	265.00	150	Vertical	Pass
4**	7660.388	47.36	-2.79	54.0	-6.64	AV	265.00	150	Vertical	Pass
5	12602.800	53.28	1.91	74.0	-20.72	Peak	45.00	100	Vertical	Pass
5**	12602.800	43.48	1.91	54.0	-10.52	AV	45.00	100	Vertical	Pass
6	15850.912	55.61	1.31	74.0	-18.39	Peak	360.00	300	Vertical	Pass
6**	15850.912	47.31	1.31	54.0	-6.69	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.900	38.93	-17.37	74.0	-35.07	Peak	165.00	400	Horizontal	Pass
1**	1551.900	29.28	-17.37	54.0	-24.72	AV	165.00	400	Horizontal	Pass
2	4361.600	49.84	-3.78	74.0	-24.16	Peak	360.00	100	Horizontal	Pass
2**	4361.600	40.72	-3.78	54.0	-13.28	AV	360.00	100	Horizontal	Pass
3	5789.600	98.52	-2.52	--	--	Peak	53.00	200	Horizontal	N/A
3**	5789.600	90.95	-2.52	--	--	AV	53.00	200	Horizontal	N/A
4	7383.525	49.85	-3.85	74.0	-24.15	Peak	275.00	200	Horizontal	Pass
4**	7383.525	40.49	-3.85	54.0	-13.51	AV	275.00	200	Horizontal	Pass
5	12228.475	54.14	1.31	74.0	-19.86	Peak	241.00	150	Horizontal	Pass
5**	12228.475	43.77	1.31	54.0	-10.23	AV	241.00	150	Horizontal	Pass
6	16116.037	55.42	0.67	74.0	-18.58	Peak	92.00	300	Horizontal	Pass
6**	16116.037	45.75	0.67	54.0	-8.25	AV	92.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.000	38.74	-17.42	74.0	-35.26	Peak	93.00	200	Vertical	Pass
1**	1461.000	30.07	-17.42	54.0	-23.93	AV	93.00	200	Vertical	Pass
2	4359.000	50.49	-3.78	74.0	-23.51	Peak	129.00	300	Vertical	Pass
2**	4359.000	40.55	-3.78	54.0	-13.45	AV	129.00	300	Vertical	Pass
3	5789.400	104.91	-2.51	--	--	Peak	12.00	150	Vertical	N/A
3**	5789.400	97.07	-2.51	--	--	AV	12.00	150	Vertical	N/A
4	7713.288	50.54	-2.89	74.0	-23.46	Peak	173.00	150	Vertical	Pass
4**	7713.288	47.50	-2.89	54.0	-6.50	AV	173.00	150	Vertical	Pass
5	12615.162	52.96	1.87	74.0	-21.04	Peak	109.00	200	Vertical	Pass
5**	12615.162	43.37	1.87	54.0	-10.63	AV	109.00	200	Vertical	Pass
6	16132.050	55.75	1.04	74.0	-18.25	Peak	102.00	100	Vertical	Pass
6**	16132.050	46.12	1.04	54.0	-7.88	AV	102.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.600	40.33	-17.64	74.0	-33.67	Peak	204.00	300	Horizontal	Pass
1**	1595.600	30.76	-17.64	54.0	-23.24	AV	204.00	300	Horizontal	Pass
2	4266.000	49.62	-4.60	74.0	-24.38	Peak	0.00	200	Horizontal	Pass
2**	4266.000	40.38	-4.60	54.0	-13.62	AV	0.00	200	Horizontal	Pass
3	5832.000	99.06	-2.10	--	--	Peak	53.00	150	Horizontal	N/A
3**	5832.000	90.99	-2.10	--	--	AV	53.00	150	Horizontal	N/A
4	7340.687	49.88	-3.57	74.0	-24.12	Peak	96.00	100	Horizontal	Pass
4**	7340.687	41.16	-3.57	54.0	-12.84	AV	96.00	100	Horizontal	Pass
5	12583.537	53.00	1.62	74.0	-21.00	Peak	12.00	150	Horizontal	Pass
5**	12583.537	44.04	1.62	54.0	-9.96	AV	12.00	150	Horizontal	Pass
6	15848.549	55.71	1.34	74.0	-18.29	Peak	152.00	300	Horizontal	Pass
6**	15848.549	46.33	1.34	54.0	-7.67	AV	152.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.900	38.44	-17.57	74.0	-35.56	Peak	215.00	300	Vertical	Pass
1**	1564.900	29.29	-17.57	54.0	-24.71	AV	215.00	300	Vertical	Pass
2	3990.200	51.24	-5.61	74.0	-22.76	Peak	234.00	400	Vertical	Pass
2**	3990.200	40.45	-5.61	54.0	-13.55	AV	234.00	400	Vertical	Pass
3	5832.000	105.37	-2.10	--	--	Peak	9.00	100	Vertical	N/A
3**	5832.000	97.68	-2.10	--	--	AV	9.00	100	Vertical	N/A
4	7334.650	49.88	-3.42	74.0	-24.12	Peak	79.00	150	Vertical	Pass
4**	7334.650	40.81	-3.42	54.0	-13.19	AV	79.00	150	Vertical	Pass
5	11842.938	53.07	1.15	74.0	-20.93	Peak	0.00	200	Vertical	Pass
5**	11842.938	43.49	1.15	54.0	-10.51	AV	0.00	200	Vertical	Pass
6	16089.787	55.74	1.44	74.0	-18.26	Peak	267.00	100	Vertical	Pass
6**	16089.787	46.61	1.44	54.0	-7.39	AV	267.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.700	40.03	-17.63	74.0	-33.97	Peak	143.00	200	Horizontal	Pass
1**	1599.700	29.45	-17.63	54.0	-24.55	AV	143.00	200	Horizontal	Pass
2	4225.800	49.36	-4.76	74.0	-24.64	Peak	189.00	300	Horizontal	Pass
2**	4225.800	40.79	-4.76	54.0	-13.21	AV	189.00	300	Horizontal	Pass
3	5758.400	93.99	-1.97	--	--	Peak	47.00	200	Horizontal	N/A
3**	5758.400	86.49	-1.97	--	--	AV	47.00	200	Horizontal	N/A
4	7673.612	50.18	-2.47	74.0	-23.82	Peak	348.00	400	Horizontal	Pass
4**	7673.612	46.11	-2.47	54.0	-7.89	AV	348.00	400	Horizontal	Pass
5	12677.262	52.71	0.90	74.0	-21.29	Peak	13.00	200	Horizontal	Pass
5**	12677.262	44.44	0.90	54.0	-9.56	AV	13.00	200	Horizontal	Pass
6	16077.187	55.41	1.58	74.0	-18.59	Peak	360.00	100	Horizontal	Pass
6**	16077.187	46.51	1.58	54.0	-7.49	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.200	39.11	-17.55	74.0	-34.89	Peak	76.00	300	Vertical	Pass
1**	1466.200	30.12	-17.55	54.0	-23.88	AV	76.00	300	Vertical	Pass
2	3984.800	50.45	-5.63	74.0	-23.55	Peak	230.00	100	Vertical	Pass
2**	3984.800	38.89	-5.63	54.0	-15.11	AV	230.00	100	Vertical	Pass
3	5749.800	100.23	-2.16	--	--	Peak	15.00	150	Vertical	N/A
3**	5749.800	92.43	-2.16	--	--	AV	15.00	150	Vertical	N/A
4	7673.612	51.37	-2.47	74.0	-22.63	Peak	264.00	150	Vertical	Pass
4**	7673.612	48.63	-2.47	54.0	-5.37	AV	264.00	150	Vertical	Pass
5	12292.300	53.51	1.62	74.0	-20.49	Peak	79.00	200	Vertical	Pass
5**	12292.300	43.55	1.62	54.0	-10.45	AV	79.00	200	Vertical	Pass
6	15840.412	55.51	1.44	74.0	-18.49	Peak	154.00	400	Vertical	Pass
6**	15840.412	46.11	1.44	54.0	-7.89	AV	154.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.900	39.68	-17.56	74.0	-34.32	Peak	142.00	300	Horizontal	Pass
1**	1597.900	32.26	-17.56	54.0	-21.74	AV	142.00	300	Horizontal	Pass
2	4382.600	49.48	-4.58	74.0	-24.52	Peak	117.00	200	Horizontal	Pass
2**	4382.600	40.66	-4.58	54.0	-13.34	AV	117.00	200	Horizontal	Pass
3	5807.800	94.35	-2.45	--	--	Peak	64.00	100	Horizontal	N/A
3**	5807.800	86.97	-2.45	--	--	AV	64.00	100	Horizontal	N/A
4	7351.037	50.21	-3.86	74.0	-23.79	Peak	114.00	100	Horizontal	Pass
4**	7351.037	41.13	-3.86	54.0	-12.87	AV	114.00	100	Horizontal	Pass
5	12331.400	53.11	1.40	74.0	-20.89	Peak	197.00	150	Horizontal	Pass
5**	12331.400	43.52	1.40	54.0	-10.48	AV	197.00	150	Horizontal	Pass
6	16099.237	55.93	1.22	74.0	-18.07	Peak	268.00	100	Horizontal	Pass
6**	16099.237	45.81	1.22	54.0	-8.19	AV	268.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.300	38.56	-17.58	74.0	-35.44	Peak	272.00	400	Vertical	Pass
1**	1516.300	29.15	-17.58	54.0	-24.85	AV	272.00	400	Vertical	Pass
2	3988.800	50.76	-5.65	74.0	-23.24	Peak	235.00	400	Vertical	Pass
2**	3988.800	39.50	-5.65	54.0	-14.50	AV	235.00	400	Vertical	Pass
3	5793.000	100.76	-2.55	--	--	Peak	15.00	100	Vertical	N/A
3**	5793.000	92.75	-2.55	--	--	AV	15.00	100	Vertical	N/A
4	7726.800	50.48	-3.46	74.0	-23.52	Peak	280.00	150	Vertical	Pass
4**	7726.800	48.25	-3.46	54.0	-5.75	AV	280.00	150	Vertical	Pass
5	12251.475	53.34	0.96	74.0	-20.66	Peak	46.00	100	Vertical	Pass
5**	12251.475	43.78	0.96	54.0	-10.22	AV	46.00	100	Vertical	Pass
6	15839.887	55.82	1.45	74.0	-18.18	Peak	360.00	200	Vertical	Pass
6**	15839.887	47.06	1.45	54.0	-6.94	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.600	39.31	-17.38	74.0	-34.69	Peak	3.00	300	Horizontal	Pass
1**	1452.600	29.01	-17.38	54.0	-24.99	AV	3.00	300	Horizontal	Pass
2	4354.800	49.29	-3.75	74.0	-24.71	Peak	112.00	100	Horizontal	Pass
2**	4354.800	40.52	-3.75	54.0	-13.48	AV	112.00	100	Horizontal	Pass
3	5739.600	98.06	-2.35	--	--	Peak	59.00	200	Horizontal	N/A
3**	5739.600	90.41	-2.35	--	--	AV	59.00	200	Horizontal	N/A
4	7660.100	49.93	-2.83	74.0	-24.07	Peak	253.00	200	Horizontal	Pass
4**	7660.100	44.21	-2.83	54.0	-9.79	AV	253.00	200	Horizontal	Pass
5	11941.550	52.98	1.64	74.0	-21.02	Peak	185.00	150	Horizontal	Pass
5**	11941.550	43.60	1.64	54.0	-10.40	AV	185.00	150	Horizontal	Pass
6	16117.088	56.03	0.65	74.0	-17.97	Peak	324.00	200	Horizontal	Pass
6**	16117.088	45.55	0.65	54.0	-8.45	AV	324.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.500	38.77	-17.39	74.0	-35.23	Peak	325.00	400	Vertical	Pass
1**	1437.500	29.45	-17.39	54.0	-24.55	AV	325.00	400	Vertical	Pass
2	3991.000	49.47	-5.58	74.0	-24.53	Peak	231.00	400	Vertical	Pass
2**	3991.000	39.40	-5.58	54.0	-14.60	AV	231.00	400	Vertical	Pass
3	5750.200	104.62	-2.16	--	--	Peak	14.00	100	Vertical	N/A
3**	5750.200	97.02	-2.16	--	--	AV	14.00	100	Vertical	N/A
4	7660.100	50.61	-2.83	74.0	-23.39	Peak	281.00	400	Vertical	Pass
4**	7660.100	46.25	-2.83	54.0	-7.75	AV	281.00	400	Vertical	Pass
5	12593.599	53.05	1.75	74.0	-20.95	Peak	114.00	100	Vertical	Pass
5**	12593.599	43.38	1.75	54.0	-10.62	AV	114.00	100	Vertical	Pass
6	16126.537	55.74	0.87	74.0	-18.26	Peak	35.00	100	Vertical	Pass
6**	16126.537	47.58	0.87	54.0	-6.42	AV	35.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.600	38.64	-17.44	74.0	-35.36	Peak	207.00	300	Horizontal	Pass
1**	1552.600	29.73	-17.44	54.0	-24.27	AV	207.00	300	Horizontal	Pass
2	4213.800	49.41	-5.25	74.0	-24.59	Peak	360.00	200	Horizontal	Pass
2**	4213.800	40.06	-5.25	54.0	-13.94	AV	360.00	200	Horizontal	Pass
3	5791.400	98.89	-2.57	--	--	Peak	60.00	100	Horizontal	N/A
3**	5791.400	91.26	-2.57	--	--	AV	60.00	100	Horizontal	N/A
4	7336.950	50.06	-3.48	74.0	-23.94	Peak	266.00	200	Horizontal	Pass
4**	7336.950	41.03	-3.48	54.0	-12.97	AV	266.00	200	Horizontal	Pass
5	12296.901	53.16	1.54	74.0	-20.84	Peak	360.00	100	Horizontal	Pass
5**	12296.901	44.14	1.54	54.0	-9.86	AV	360.00	100	Horizontal	Pass
6	16090.575	55.94	1.42	74.0	-18.06	Peak	187.00	150	Horizontal	Pass
6**	16090.575	47.44	1.42	54.0	-6.56	AV	187.00	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	1507.400	38.32	-17.59	74.0	-35.68	Peak	204.00	300	Vertical	Pass
1**	1507.400	29.10	-17.59	54.0	-24.90	AV	204.00	300	Vertical	Pass
2	3993.200	50.69	-5.48	74.0	-23.31	Peak	232.00	300	Vertical	Pass
2**	3993.200	40.41	-5.48	54.0	-13.59	AV	232.00	300	Vertical	Pass
3	5790.400	105.00	-2.56	--	--	Peak	16.00	100	Vertical	N/A
3**	5790.400	97.70	-2.56	--	--	AV	16.00	100	Vertical	N/A
4	7713.575	51.13	-2.90	74.0	-22.87	Peak	266.00	150	Vertical	Pass
4**	7713.575	48.22	-2.90	54.0	-5.78	AV	266.00	150	Vertical	Pass
5	12548.750	53.59	1.44	74.0	-20.41	Peak	63.00	200	Vertical	Pass
5**	12548.750	43.61	1.44	54.0	-10.39	AV	63.00	200	Vertical	Pass
6	15626.738	56.00	1.71	74.0	-18.00	Peak	285.00	300	Vertical	Pass
6**	15626.738	45.87	1.71	54.0	-8.13	AV	285.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.900	38.95	-17.56	74.0	-35.05	Peak	136.00	400	Horizontal	Pass
1**	1597.900	28.96	-17.56	54.0	-25.04	AV	136.00	400	Horizontal	Pass
2	4355.600	49.32	-3.71	74.0	-24.68	Peak	245.00	400	Horizontal	Pass
2**	4355.600	40.44	-3.71	54.0	-13.56	AV	245.00	400	Horizontal	Pass
3	5829.600	98.69	-2.19	--	--	Peak	53.00	200	Horizontal	N/A
3**	5829.600	90.98	-2.19	--	--	AV	53.00	200	Horizontal	N/A
4	7327.462	49.49	-3.64	74.0	-24.51	Peak	164.00	200	Horizontal	Pass
4**	7327.462	40.41	-3.64	54.0	-13.59	AV	164.00	200	Horizontal	Pass
5	11717.012	53.02	0.77	74.0	-20.98	Peak	97.00	150	Horizontal	Pass
5**	11717.012	43.19	0.77	54.0	-10.81	AV	97.00	150	Horizontal	Pass
6	16083.750	55.33	1.56	74.0	-18.67	Peak	266.00	200	Horizontal	Pass
6**	16083.750	46.70	1.56	54.0	-7.30	AV	266.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.900	38.24	-17.61	74.0	-35.76	Peak	26.00	100	Vertical	Pass
1**	1486.900	30.05	-17.61	54.0	-23.95	AV	26.00	100	Vertical	Pass
2	3983.400	50.87	-5.62	74.0	-23.13	Peak	223.00	300	Vertical	Pass
2**	3983.400	40.54	-5.62	54.0	-13.46	AV	223.00	300	Vertical	Pass
3	5830.800	105.32	-2.12	--	--	Peak	14.00	200	Vertical	N/A
3**	5830.800	97.76	-2.12	--	--	AV	14.00	200	Vertical	N/A
4	7380.362	49.75	-3.61	74.0	-24.25	Peak	165.00	200	Vertical	Pass
4**	7380.362	41.35	-3.61	54.0	-12.65	AV	165.00	200	Vertical	Pass
5	12210.650	53.28	1.04	74.0	-20.72	Peak	132.00	150	Vertical	Pass
5**	12210.650	43.87	1.04	54.0	-10.13	AV	132.00	150	Vertical	Pass
6	16093.463	56.43	1.36	74.0	-17.57	Peak	245.00	300	Vertical	Pass
6**	16093.463	46.32	1.36	54.0	-7.68	AV	245.00	300	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	1593.300	39.47	-17.47	74.0	-34.53	Peak	146.00	100	Horizontal	Pass
1**	1593.300	29.99	-17.47	54.0	-24.01	AV	146.00	100	Horizontal	Pass
2	4363.000	49.58	-3.82	74.0	-24.42	Peak	212.00	300	Horizontal	Pass
2**	4363.000	40.89	-3.82	54.0	-13.11	AV	212.00	300	Horizontal	Pass
3	5757.200	96.33	-2.01	--	--	Peak	52.00	100	Horizontal	N/A
3**	5757.200	88.46	-2.01	--	--	AV	52.00	100	Horizontal	N/A
4	7673.325	49.99	-2.48	74.0	-24.01	Peak	265.00	100	Horizontal	Pass
4**	7673.325	45.54	-2.48	54.0	-8.46	AV	265.00	100	Horizontal	Pass
5	12276.775	52.79	1.68	74.0	-21.21	Peak	181.00	200	Horizontal	Pass
5**	12276.775	43.58	1.68	54.0	-10.42	AV	181.00	200	Horizontal	Pass
6	15623.850	55.42	1.70	74.0	-18.58	Peak	76.00	400	Horizontal	Pass
6**	15623.850	45.53	1.70	54.0	-8.47	AV	76.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.300	38.56	-17.41	74.0	-35.44	Peak	342.00	100	Vertical	Pass
1**	1562.300	29.86	-17.41	54.0	-24.14	AV	342.00	100	Vertical	Pass
2	3989.400	50.00	-5.63	74.0	-24.00	Peak	224.00	300	Vertical	Pass
2**	3989.400	39.37	-5.63	54.0	-14.63	AV	224.00	300	Vertical	Pass
3	5741.400	102.00	-2.27	--	--	Peak	12.00	100	Vertical	N/A
3**	5741.400	94.83	-2.27	--	--	AV	12.00	100	Vertical	N/A
4	7673.612	50.66	-2.47	74.0	-23.34	Peak	263.00	150	Vertical	Pass
4**	7673.612	48.60	-2.47	54.0	-5.40	AV	263.00	150	Vertical	Pass
5	12327.663	53.52	1.42	74.0	-20.48	Peak	0.00	100	Vertical	Pass
5**	12327.663	43.59	1.42	54.0	-10.41	AV	0.00	100	Vertical	Pass
6	16102.388	55.61	1.09	74.0	-18.39	Peak	37.00	300	Vertical	Pass
6**	16102.388	46.19	1.09	54.0	-7.81	AV	37.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.100	40.39	-17.48	74.0	-33.61	Peak	151.00	200	Horizontal	Pass
1**	1593.100	29.25	-17.48	54.0	-24.75	AV	151.00	200	Horizontal	Pass
2	4255.600	49.46	-4.98	74.0	-24.54	Peak	160.00	100	Horizontal	Pass
2**	4255.600	40.76	-4.98	54.0	-13.24	AV	160.00	100	Horizontal	Pass
3	5807.600	93.82	-2.46	--	--	Peak	61.00	150	Horizontal	N/A
3**	5807.600	86.26	-2.46	--	--	AV	61.00	150	Horizontal	N/A
4	7726.800	50.32	-3.46	74.0	-23.68	Peak	281.00	100	Horizontal	Pass
4**	7726.800	45.10	-3.46	54.0	-8.90	AV	281.00	100	Horizontal	Pass
5	12330.250	52.89	1.41	74.0	-21.11	Peak	360.00	200	Horizontal	Pass
5**	12330.250	44.07	1.41	54.0	-9.93	AV	360.00	200	Horizontal	Pass
6	16090.050	55.40	1.43	74.0	-18.60	Peak	232.00	100	Horizontal	Pass
6**	16090.050	46.24	1.43	54.0	-7.76	AV	232.00	100	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	1458.300	38.82	-17.51	74.0	-35.18	Peak	31.00	300	Vertical	Pass
1**	1458.300	29.25	-17.51	54.0	-24.75	AV	31.00	300	Vertical	Pass
2	3986.400	50.82	-5.74	74.0	-23.18	Peak	233.00	200	Vertical	Pass
2**	3986.400	39.31	-5.74	54.0	-14.69	AV	233.00	200	Vertical	Pass
3	5790.800	100.32	-2.58	--	--	Peak	13.00	100	Vertical	N/A
3**	5790.800	92.20	-2.58	--	--	AV	13.00	100	Vertical	N/A
4	7727.088	50.02	-3.44	74.0	-23.98	Peak	164.00	150	Vertical	Pass
4**	7727.088	47.72	-3.44	54.0	-6.28	AV	164.00	150	Vertical	Pass
5	12574.338	53.58	1.72	74.0	-20.42	Peak	65.00	100	Vertical	Pass
5**	12574.338	44.55	1.72	54.0	-9.45	AV	65.00	100	Vertical	Pass
6	16134.674	55.72	1.07	74.0	-18.28	Peak	169.00	300	Vertical	Pass
6**	16134.674	45.75	1.07	54.0	-8.25	AV	169.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.900	38.58	-17.58	74.0	-35.42	Peak	227.00	300	Horizontal	Pass
1**	1598.900	31.55	-17.58	54.0	-22.45	AV	227.00	300	Horizontal	Pass
2	4363.200	49.82	-3.84	74.0	-24.18	Peak	0.00	100	Horizontal	Pass
2**	4363.200	40.69	-3.84	54.0	-13.31	AV	0.00	100	Horizontal	Pass
3	5748.600	91.35	-2.16	--	--	Peak	54.00	150	Horizontal	N/A
3**	5748.600	83.41	-2.16	--	--	AV	54.00	150	Horizontal	N/A
4	7700.063	50.27	-3.17	74.0	-23.73	Peak	255.00	200	Horizontal	Pass
4**	7700.063	44.70	-3.17	54.0	-9.30	AV	255.00	200	Horizontal	Pass
5	12205.187	53.15	0.81	74.0	-20.85	Peak	110.00	150	Horizontal	Pass
5**	12205.187	42.93	0.81	54.0	-11.07	AV	110.00	150	Horizontal	Pass
6	15840.151	56.31	1.44	74.0	-17.69	Peak	290.00	400	Horizontal	Pass
6**	15840.151	47.45	1.44	54.0	-6.55	AV	290.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	38.93	-17.55	74.0	-35.07	Peak	129.00	100	Vertical	Pass
1**	1498.100	29.32	-17.55	54.0	-24.68	AV	129.00	100	Vertical	Pass
2	3986.400	50.28	-5.74	74.0	-23.72	Peak	218.00	300	Vertical	Pass
2**	3986.400	39.92	-5.74	54.0	-14.08	AV	218.00	300	Vertical	Pass
3	5748.000	97.78	-2.20	--	--	Peak	13.00	100	Vertical	N/A
3**	5748.000	89.89	-2.20	--	--	AV	13.00	100	Vertical	N/A
4	7700.063	50.61	-3.17	74.0	-23.39	Peak	179.00	150	Vertical	Pass
4**	7700.063	47.93	-3.17	54.0	-6.07	AV	179.00	150	Vertical	Pass
5	12542.137	52.87	1.32	74.0	-21.13	Peak	360.00	150	Vertical	Pass
5**	12542.137	43.36	1.32	54.0	-10.64	AV	360.00	150	Vertical	Pass
6	16033.613	55.46	0.74	74.0	-18.54	Peak	0.00	200	Vertical	Pass
6**	16033.613	45.91	0.74	54.0	-8.09	AV	0.00	200	Vertical	Pass

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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	1552.500	38.81	-17.43	74.0	-35.19	Peak	351.00	200	Horizontal	Pass
1**	1552.500	29.29	-17.43	54.0	-24.71	AV	351.00	200	Horizontal	Pass
2	4340.400	49.88	-4.33	74.0	-24.12	Peak	157.00	200	Horizontal	Pass
2**	4340.400	39.71	-4.33	54.0	-14.29	AV	157.00	200	Horizontal	Pass
3	5187.000	98.57	-2.73	--	--	Peak	4.00	200	Horizontal	N/A
3**	5187.000	90.99	-2.73	--	--	AV	4.00	200	Horizontal	N/A
4	7373.175	49.67	-3.78	74.0	-24.33	Peak	0.00	300	Horizontal	Pass
4**	7373.175	41.46	-3.78	54.0	-12.54	AV	0.00	300	Horizontal	Pass
5	12200.013	52.99	0.68	74.0	-21.01	Peak	129.00	150	Horizontal	Pass
5**	12200.013	43.47	0.68	54.0	-10.53	AV	129.00	150	Horizontal	Pass
6	16121.813	55.82	0.68	74.0	-18.18	Peak	189.00	200	Horizontal	Pass
6**	16121.813	45.70	0.68	54.0	-8.30	AV	189.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.400	39.01	-17.63	74.0	-34.99	Peak	114.00	300	Vertical	Pass
1**	1613.400	28.87	-17.63	54.0	-25.13	AV	114.00	300	Vertical	Pass
2	3986.800	50.67	-5.75	74.0	-23.33	Peak	220.00	100	Vertical	Pass
2**	3986.800	40.16	-5.75	54.0	-13.84	AV	220.00	100	Vertical	Pass
3	5187.400	102.02	-2.70	--	--	Peak	341.00	200	Vertical	N/A
3**	5187.400	94.67	-2.70	--	--	AV	341.00	200	Vertical	N/A
4	7370.588	49.26	-3.99	74.0	-24.74	Peak	133.00	300	Vertical	Pass
4**	7370.588	40.76	-3.99	54.0	-13.24	AV	133.00	300	Vertical	Pass
5	12215.825	52.96	1.19	74.0	-21.04	Peak	29.00	150	Vertical	Pass
5**	12215.825	44.09	1.19	54.0	-9.91	AV	29.00	150	Vertical	Pass
6	15849.600	56.16	1.33	74.0	-17.84	Peak	111.00	200	Vertical	Pass
6**	15849.600	46.58	1.33	54.0	-7.42	AV	111.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	39.69	-17.67	74.0	-34.31	Peak	212.00	400	Horizontal	Pass
1**	1596.500	29.61	-17.67	54.0	-24.39	AV	212.00	400	Horizontal	Pass
2	4357.200	49.42	-3.71	74.0	-24.58	Peak	73.00	300	Horizontal	Pass
2**	4357.200	40.34	-3.71	54.0	-13.66	AV	73.00	300	Horizontal	Pass
3	5213.600	98.53	-2.85	--	--	Peak	19.00	100	Horizontal	N/A
3**	5213.600	90.58	-2.85	--	--	AV	19.00	100	Horizontal	N/A
4	7360.237	49.95	-4.04	74.0	-24.05	Peak	163.00	200	Horizontal	Pass
4**	7360.237	40.23	-4.04	54.0	-13.77	AV	163.00	200	Horizontal	Pass
5	12569.162	53.48	1.72	74.0	-20.52	Peak	263.00	100	Horizontal	Pass
5**	12569.162	43.96	1.72	54.0	-10.04	AV	263.00	100	Horizontal	Pass
6	16131.000	55.46	1.03	74.0	-18.54	Peak	149.00	300	Horizontal	Pass
6**	16131.000	46.17	1.03	54.0	-7.83	AV	149.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.200	38.48	-17.55	74.0	-35.52	Peak	342.00	200	Vertical	Pass
1**	1466.200	28.82	-17.55	54.0	-25.18	AV	342.00	200	Vertical	Pass
2	3981.800	50.05	-5.60	74.0	-23.95	Peak	221.00	200	Vertical	Pass
2**	3981.800	39.05	-5.60	54.0	-14.95	AV	221.00	200	Vertical	Pass
3	5213.200	102.29	-2.85	--	--	Peak	342.00	200	Vertical	N/A
3**	5213.200	94.35	-2.85	--	--	AV	342.00	200	Vertical	N/A
4	7352.763	49.17	-3.85	74.0	-24.83	Peak	98.00	200	Vertical	Pass
4**	7352.763	40.93	-3.85	54.0	-13.07	AV	98.00	200	Vertical	Pass
5	12208.925	52.97	0.98	74.0	-21.03	Peak	335.00	200	Vertical	Pass
5**	12208.925	43.51	0.98	54.0	-10.49	AV	335.00	200	Vertical	Pass
6	15840.675	55.86	1.44	74.0	-18.14	Peak	227.00	300	Vertical	Pass
6**	15840.675	46.29	1.44	54.0	-7.71	AV	227.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.000	40.00	-17.55	74.0	-34.00	Peak	139.00	100	Horizontal	Pass
1**	1598.000	31.03	-17.55	54.0	-22.97	AV	139.00	100	Horizontal	Pass
2	4354.200	49.35	-3.78	74.0	-24.65	Peak	0.00	200	Horizontal	Pass
2**	4354.200	40.84	-3.78	54.0	-13.16	AV	0.00	200	Horizontal	Pass
3	5247.600	99.10	-2.69	--	--	Peak	14.00	200	Horizontal	N/A
3**	5247.600	91.52	-2.69	--	--	AV	14.00	200	Horizontal	N/A
4	7350.462	49.52	-3.88	74.0	-24.48	Peak	360.00	400	Horizontal	Pass
4**	7350.462	40.90	-3.88	54.0	-13.10	AV	360.00	400	Horizontal	Pass
5	12230.200	54.39	1.30	74.0	-19.61	Peak	345.00	150	Horizontal	Pass
5**	12230.200	44.24	1.30	54.0	-9.76	AV	345.00	150	Horizontal	Pass
6	15841.988	55.89	1.42	74.0	-18.11	Peak	16.00	100	Horizontal	Pass
6**	15841.988	47.41	1.42	54.0	-6.59	AV	16.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.700	39.01	-17.54	74.0	-34.99	Peak	162.00	300	Vertical	Pass
1**	1546.700	29.23	-17.54	54.0	-24.77	AV	162.00	300	Vertical	Pass
2	4215.600	50.07	-5.17	74.0	-23.93	Peak	268.00	400	Vertical	Pass
2**	4215.600	40.19	-5.17	54.0	-13.81	AV	268.00	400	Vertical	Pass
3	5247.600	102.24	-2.69	--	--	Peak	343.00	150	Vertical	N/A
3**	5247.600	95.26	-2.69	--	--	AV	343.00	150	Vertical	N/A
4	7738.588	49.71	-3.25	74.0	-24.29	Peak	148.00	300	Vertical	Pass
4**	7738.588	39.52	-3.25	54.0	-14.48	AV	148.00	300	Vertical	Pass
5	12258.950	53.12	1.06	74.0	-20.88	Peak	118.00	100	Vertical	Pass
5**	12258.950	43.20	1.06	54.0	-10.80	AV	118.00	100	Vertical	Pass
6	15865.349	55.89	0.80	74.0	-18.11	Peak	158.00	100	Vertical	Pass
6**	15865.349	46.60	0.80	54.0	-7.40	AV	158.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.700	39.13	-17.65	74.0	-34.87	Peak	137.00	400	Horizontal	Pass
1**	1595.700	28.94	-17.65	54.0	-25.06	AV	137.00	400	Horizontal	Pass
2	4366.800	49.48	-4.12	74.0	-24.52	Peak	127.00	300	Horizontal	Pass
2**	4366.800	40.55	-4.12	54.0	-13.45	AV	127.00	300	Horizontal	Pass
3	5204.800	96.39	-2.49	--	--	Peak	342.00	200	Horizontal	N/A
3**	5204.800	88.88	-2.49	--	--	AV	342.00	200	Horizontal	N/A
4	7382.950	49.63	-3.84	74.0	-24.37	Peak	286.00	200	Horizontal	Pass
4**	7382.950	40.39	-3.84	54.0	-13.61	AV	286.00	200	Horizontal	Pass
5	11944.713	53.21	1.55	74.0	-20.79	Peak	54.00	200	Horizontal	Pass
5**	11944.713	44.40	1.55	54.0	-9.60	AV	54.00	200	Horizontal	Pass
6	16093.463	55.65	1.36	74.0	-18.35	Peak	217.00	200	Horizontal	Pass
6**	16093.463	46.73	1.36	54.0	-7.27	AV	217.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.400	38.99	-17.47	74.0	-35.01	Peak	360.00	100	Vertical	Pass
1**	1439.400	29.50	-17.47	54.0	-24.50	AV	360.00	100	Vertical	Pass
2	3998.400	50.02	-5.32	74.0	-23.98	Peak	220.00	300	Vertical	Pass
2**	3998.400	41.12	-5.32	54.0	-12.88	AV	220.00	300	Vertical	Pass
3	5205.000	99.81	-2.48	--	--	Peak	308.00	100	Vertical	N/A
3**	5205.000	92.05	-2.48	--	--	AV	308.00	100	Vertical	N/A
4	7340.975	50.31	-3.60	74.0	-23.69	Peak	20.00	200	Vertical	Pass
4**	7340.975	41.03	-3.60	54.0	-12.97	AV	20.00	200	Vertical	Pass
5	12212.662	53.73	1.11	74.0	-20.27	Peak	341.00	200	Vertical	Pass
5**	12212.662	43.37	1.11	54.0	-10.63	AV	341.00	200	Vertical	Pass
6	16011.563	55.50	0.45	74.0	-18.50	Peak	130.00	300	Vertical	Pass
6**	16011.563	45.66	0.45	54.0	-8.34	AV	130.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.100	38.84	-17.72	74.0	-35.16	Peak	182.00	300	Horizontal	Pass
1**	1626.100	28.79	-17.72	54.0	-25.21	AV	182.00	300	Horizontal	Pass
2	4361.200	50.87	-3.77	74.0	-23.13	Peak	0.00	300	Horizontal	Pass
2**	4361.200	40.67	-3.77	54.0	-13.33	AV	0.00	300	Horizontal	Pass
3	5217.000	96.40	-2.89	--	--	Peak	335.00	150	Horizontal	N/A
3**	5217.000	88.80	-2.89	--	--	AV	335.00	150	Horizontal	N/A
4	7680.225	49.80	-2.65	74.0	-24.20	Peak	286.00	200	Horizontal	Pass
4**	7680.225	40.54	-2.65	54.0	-13.46	AV	286.00	200	Horizontal	Pass
5	12215.537	53.63	1.19	74.0	-20.37	Peak	102.00	100	Horizontal	Pass
5**	12215.537	43.28	1.19	54.0	-10.72	AV	102.00	100	Horizontal	Pass
6	15862.725	55.27	0.87	74.0	-18.73	Peak	89.00	200	Horizontal	Pass
6**	15862.725	46.42	0.87	54.0	-7.58	AV	89.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.400	39.05	-17.72	74.0	-34.95	Peak	97.00	200	Vertical	Pass
1**	1611.400	29.44	-17.72	54.0	-24.56	AV	97.00	200	Vertical	Pass
2	3985.600	49.82	-5.68	74.0	-24.18	Peak	243.00	300	Vertical	Pass
2**	3985.600	39.77	-5.68	54.0	-14.23	AV	243.00	300	Vertical	Pass
3	5215.200	99.12	-2.84	--	--	Peak	296.00	150	Vertical	N/A
3**	5215.200	92.04	-2.84	--	--	AV	296.00	150	Vertical	N/A
4	7365.412	49.28	-4.02	74.0	-24.72	Peak	194.00	100	Vertical	Pass
4**	7365.412	40.87	-4.02	54.0	-13.13	AV	194.00	100	Vertical	Pass
5	12603.662	53.08	1.91	74.0	-20.92	Peak	194.00	100	Vertical	Pass
5**	12603.662	43.65	1.91	54.0	-10.35	AV	194.00	100	Vertical	Pass
6	16107.112	56.24	0.89	74.0	-17.76	Peak	169.00	200	Vertical	Pass
6**	16107.112	45.68	0.89	54.0	-8.32	AV	169.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.600	38.82	-17.44	74.0	-35.18	Peak	179.00	400	Horizontal	Pass
1**	1562.600	29.60	-17.44	54.0	-24.40	AV	179.00	400	Horizontal	Pass
2	4354.600	49.50	-3.76	74.0	-24.50	Peak	279.00	300	Horizontal	Pass
2**	4354.600	40.82	-3.76	54.0	-13.18	AV	279.00	300	Horizontal	Pass
3	5187.200	100.77	-2.71	--	--	Peak	342.00	150	Horizontal	N/A
3**	5187.200	93.40	-2.71	--	--	AV	342.00	150	Horizontal	N/A
4	7353.337	49.83	-3.88	74.0	-24.17	Peak	12.00	100	Horizontal	Pass
4**	7353.337	40.36	-3.88	54.0	-13.64	AV	12.00	100	Horizontal	Pass
5	12591.588	52.76	1.70	74.0	-21.24	Peak	113.00	200	Horizontal	Pass
5**	12591.588	43.58	1.70	54.0	-10.42	AV	113.00	200	Horizontal	Pass
6	16088.475	56.47	1.46	74.0	-17.53	Peak	248.00	400	Horizontal	Pass
6**	16088.475	46.41	1.46	54.0	-7.59	AV	248.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.900	38.68	-17.47	74.0	-35.32	Peak	185.00	100	Vertical	Pass
1**	1552.900	28.56	-17.47	54.0	-25.44	AV	185.00	100	Vertical	Pass
2	3982.800	50.35	-5.62	74.0	-23.65	Peak	226.00	200	Vertical	Pass
2**	3982.800	39.81	-5.62	54.0	-14.19	AV	226.00	200	Vertical	Pass
3	5187.400	102.51	-2.70	--	--	Peak	303.00	150	Vertical	N/A
3**	5187.400	94.81	-2.70	--	--	AV	303.00	150	Vertical	N/A
4	7346.438	49.89	-3.82	74.0	-24.11	Peak	262.00	200	Vertical	Pass
4**	7346.438	40.58	-3.82	54.0	-13.42	AV	262.00	200	Vertical	Pass
5	12334.850	53.36	1.35	74.0	-20.64	Peak	360.00	200	Vertical	Pass
5**	12334.850	44.09	1.35	54.0	-9.91	AV	360.00	200	Vertical	Pass
6	15844.875	55.41	1.37	74.0	-18.59	Peak	307.00	400	Vertical	Pass
6**	15844.875	46.77	1.37	54.0	-7.23	AV	307.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.200	39.06	-17.48	74.0	-34.94	Peak	70.00	200	Horizontal	Pass
1**	1463.200	29.03	-17.48	54.0	-24.97	AV	70.00	200	Horizontal	Pass
2	4265.000	49.72	-4.66	74.0	-24.28	Peak	109.00	200	Horizontal	Pass
2**	4265.000	39.73	-4.66	54.0	-14.27	AV	109.00	200	Horizontal	Pass
3	5213.000	101.02	-2.85	--	--	Peak	343.00	100	Horizontal	N/A
3**	5213.000	93.98	-2.85	--	--	AV	343.00	100	Horizontal	N/A
4	7382.663	49.80	-3.83	74.0	-24.20	Peak	160.00	300	Horizontal	Pass
4**	7382.663	39.87	-3.83	54.0	-14.13	AV	160.00	300	Horizontal	Pass
5	12214.963	52.99	1.18	74.0	-21.01	Peak	294.00	200	Horizontal	Pass
5**	12214.963	43.70	1.18	54.0	-10.30	AV	294.00	200	Horizontal	Pass
6	16085.850	55.89	1.51	74.0	-18.11	Peak	271.00	400	Horizontal	Pass
6**	16085.850	46.51	1.51	54.0	-7.49	AV	271.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.700	38.63	-17.47	74.0	-35.37	Peak	242.00	100	Vertical	Pass
1**	1459.700	29.82	-17.47	54.0	-24.18	AV	242.00	100	Vertical	Pass
2	3990.600	50.14	-5.60	74.0	-23.86	Peak	222.00	200	Vertical	Pass
2**	3990.600	39.11	-5.60	54.0	-14.89	AV	222.00	200	Vertical	Pass
3	5214.400	103.77	-2.84	--	--	Peak	312.00	150	Vertical	N/A
3**	5214.400	96.33	-2.84	--	--	AV	312.00	150	Vertical	N/A
4	7374.612	50.00	-3.75	74.0	-24.00	Peak	211.00	100	Vertical	Pass
4**	7374.612	40.20	-3.75	54.0	-13.80	AV	211.00	100	Vertical	Pass
5	12228.187	53.29	1.31	74.0	-20.71	Peak	78.00	100	Vertical	Pass
5**	12228.187	43.65	1.31	54.0	-10.35	AV	78.00	100	Vertical	Pass
6	15814.688	55.50	2.07	74.0	-18.50	Peak	143.00	200	Vertical	Pass
6**	15814.688	46.15	2.07	54.0	-7.85	AV	143.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.800	38.97	-17.50	74.0	-35.03	Peak	197.00	200	Horizontal	Pass
1**	1458.800	29.85	-17.50	54.0	-24.15	AV	197.00	200	Horizontal	Pass
2	4285.000	49.57	-4.81	74.0	-24.43	Peak	271.00	200	Horizontal	Pass
2**	4285.000	40.06	-4.81	54.0	-13.94	AV	271.00	200	Horizontal	Pass
3	5246.400	98.73	-2.71	--	--	Peak	8.00	200	Horizontal	N/A
3**	5246.400	91.42	-2.71	--	--	AV	8.00	200	Horizontal	N/A
4	7744.625	49.63	-3.29	74.0	-24.37	Peak	136.00	300	Horizontal	Pass
4**	7744.625	39.45	-3.29	54.0	-14.55	AV	136.00	300	Horizontal	Pass
5	12423.687	52.64	1.42	74.0	-21.36	Peak	29.00	200	Horizontal	Pass
5**	12423.687	43.03	1.42	54.0	-10.97	AV	29.00	200	Horizontal	Pass
6	15859.049	55.90	0.98	74.0	-18.10	Peak	121.00	100	Horizontal	Pass
6**	15859.049	45.91	0.98	54.0	-8.09	AV	121.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.100	38.59	-17.57	74.0	-35.41	Peak	318.00	200	Vertical	Pass
1**	1543.100	30.03	-17.57	54.0	-23.97	AV	318.00	200	Vertical	Pass
2	3983.200	50.16	-5.62	74.0	-23.84	Peak	226.00	300	Vertical	Pass
2**	3983.200	39.37	-5.62	54.0	-14.63	AV	226.00	300	Vertical	Pass
3	5247.400	102.05	-2.69	--	--	Peak	353.00	200	Vertical	N/A
3**	5247.400	94.34	-2.69	--	--	AV	353.00	200	Vertical	N/A
4	7335.513	50.15	-3.35	74.0	-23.85	Peak	182.00	400	Vertical	Pass
4**	7335.513	41.25	-3.35	54.0	-12.75	AV	182.00	400	Vertical	Pass
5	11961.099	53.15	0.90	74.0	-20.85	Peak	205.00	100	Vertical	Pass
5**	11961.099	43.39	0.90	54.0	-10.61	AV	205.00	100	Vertical	Pass
6	16075.612	55.55	1.55	74.0	-18.45	Peak	0.00	100	Vertical	Pass
6**	16075.612	46.32	1.55	54.0	-7.68	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.700	38.82	-17.59	74.0	-35.18	Peak	231.00	100	Horizontal	Pass
1**	1505.700	29.33	-17.59	54.0	-24.67	AV	231.00	100	Horizontal	Pass
2	4250.800	49.58	-4.80	74.0	-24.42	Peak	0.00	100	Horizontal	Pass
2**	4250.800	39.97	-4.80	54.0	-14.03	AV	0.00	100	Horizontal	Pass
3	5206.600	94.93	-2.43	--	--	Peak	13.00	100	Horizontal	N/A
3**	5206.600	86.99	-2.43	--	--	AV	13.00	100	Horizontal	N/A
4	7374.900	49.40	-3.74	74.0	-24.60	Peak	271.00	400	Horizontal	Pass
4**	7374.900	40.89	-3.74	54.0	-13.11	AV	271.00	400	Horizontal	Pass
5	12604.526	53.78	1.91	74.0	-20.22	Peak	78.00	200	Horizontal	Pass
5**	12604.526	43.40	1.91	54.0	-10.60	AV	78.00	200	Horizontal	Pass
6	16100.813	55.78	1.16	74.0	-18.22	Peak	190.00	100	Horizontal	Pass
6**	16100.813	46.49	1.16	54.0	-7.51	AV	190.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.600	38.82	-17.49	74.0	-35.18	Peak	205.00	300	Vertical	Pass
1**	1470.600	29.31	-17.49	54.0	-24.69	AV	205.00	300	Vertical	Pass
2	3995.200	49.98	-5.35	74.0	-24.02	Peak	232.00	300	Vertical	Pass
2**	3995.200	40.28	-5.35	54.0	-13.72	AV	232.00	300	Vertical	Pass
3	5203.400	98.62	-2.55	--	--	Peak	352.00	200	Vertical	N/A
3**	5203.400	91.44	-2.55	--	--	AV	352.00	200	Vertical	N/A
4	7378.062	49.47	-3.71	74.0	-24.53	Peak	337.00	300	Vertical	Pass
4**	7378.062	41.29	-3.71	54.0	-12.71	AV	337.00	300	Vertical	Pass
5	12603.088	53.08	1.91	74.0	-20.92	Peak	256.00	150	Vertical	Pass
5**	12603.088	43.17	1.91	54.0	-10.83	AV	256.00	150	Vertical	Pass
6	15855.112	55.55	1.19	74.0	-18.45	Peak	128.00	100	Vertical	Pass
6**	15855.112	46.99	1.19	54.0	-7.01	AV	128.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.400	39.03	-17.60	74.0	-34.97	Peak	216.00	200	Horizontal	Pass
1**	1597.400	30.69	-17.60	54.0	-23.31	AV	216.00	200	Horizontal	Pass
2	4200.800	49.81	-5.07	74.0	-24.19	Peak	79.00	200	Horizontal	Pass
2**	4200.800	39.84	-5.07	54.0	-14.16	AV	79.00	200	Horizontal	Pass
3	5245.600	94.96	-2.67	--	--	Peak	15.00	150	Horizontal	N/A
3**	5245.600	86.91	-2.67	--	--	AV	15.00	150	Horizontal	N/A
4	7382.375	49.97	-3.83	74.0	-24.03	Peak	360.00	300	Horizontal	Pass
4**	7382.375	40.93	-3.83	54.0	-13.07	AV	360.00	300	Horizontal	Pass
5	12424.549	52.98	1.43	74.0	-21.02	Peak	225.00	150	Horizontal	Pass
5**	12424.549	43.55	1.43	54.0	-10.45	AV	225.00	150	Horizontal	Pass
6	15829.913	56.18	1.50	74.0	-17.82	Peak	0.00	300	Horizontal	Pass
6**	15829.913	45.86	1.50	54.0	-8.14	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.900	39.49	-17.61	74.0	-34.51	Peak	100.00	100	Vertical	Pass
1**	1485.900	29.89	-17.61	54.0	-24.11	AV	100.00	100	Vertical	Pass
2	3834.000	49.91	-4.92	74.0	-24.09	Peak	96.00	200	Vertical	Pass
2**	3834.000	38.80	-4.92	54.0	-15.20	AV	96.00	200	Vertical	Pass
3	5216.600	98.61	-2.88	--	--	Peak	73.00	200	Vertical	N/A
3**	5216.600	90.90	-2.88	--	--	AV	73.00	200	Vertical	N/A
4	7736.288	49.60	-3.37	74.0	-24.40	Peak	352.00	100	Vertical	Pass
4**	7736.288	40.02	-3.37	54.0	-13.98	AV	352.00	100	Vertical	Pass
5	12448.412	53.50	1.86	74.0	-20.50	Peak	285.00	150	Vertical	Pass
5**	12448.412	43.50	1.86	54.0	-10.50	AV	285.00	150	Vertical	Pass
6	16089.787	55.62	1.44	74.0	-18.38	Peak	151.00	300	Vertical	Pass
6**	16089.787	46.72	1.44	54.0	-7.28	AV	151.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	38.58	-17.58	74.0	-35.42	Peak	73.00	100	Horizontal	Pass
1**	1496.300	29.18	-17.58	54.0	-24.82	AV	73.00	100	Horizontal	Pass
2	4352.400	49.28	-3.93	74.0	-24.72	Peak	156.00	200	Horizontal	Pass
2**	4352.400	40.13	-3.93	54.0	-13.87	AV	156.00	200	Horizontal	Pass
3	5193.000	94.33	-2.74	--	--	Peak	336.00	150	Horizontal	N/A
3**	5193.000	86.65	-2.74	--	--	AV	336.00	150	Horizontal	N/A
4	7364.263	49.63	-4.01	74.0	-24.37	Peak	50.00	300	Horizontal	Pass
4**	7364.263	40.65	-4.01	54.0	-13.35	AV	50.00	300	Horizontal	Pass
5	12365.038	53.74	1.20	74.0	-20.26	Peak	327.00	200	Horizontal	Pass
5**	12365.038	43.53	1.20	54.0	-10.47	AV	327.00	200	Horizontal	Pass
6	16079.287	55.91	1.63	74.0	-18.09	Peak	0.00	300	Horizontal	Pass
6**	16079.287	46.48	1.63	54.0	-7.52	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.100	39.00	-17.54	74.0	-35.00	Peak	55.00	200	Vertical	Pass
1**	1479.100	29.26	-17.54	54.0	-24.74	AV	55.00	200	Vertical	Pass
2	3993.200	50.28	-5.48	74.0	-23.72	Peak	228.00	200	Vertical	Pass
2**	3993.200	40.82	-5.48	54.0	-13.18	AV	228.00	200	Vertical	Pass
3	5218.400	96.43	-2.99	--	--	Peak	309.00	200	Vertical	N/A
3**	5218.400	88.18	-2.99	--	--	AV	309.00	200	Vertical	N/A
4	7361.962	49.98	-4.01	74.0	-24.02	Peak	222.00	200	Vertical	Pass
4**	7361.962	40.45	-4.01	54.0	-13.55	AV	222.00	200	Vertical	Pass
5	12221.575	53.04	1.25	74.0	-20.96	Peak	348.00	200	Vertical	Pass
5**	12221.575	44.31	1.25	54.0	-9.69	AV	348.00	200	Vertical	Pass
6	15627.263	55.78	1.71	74.0	-18.22	Peak	336.00	200	Vertical	Pass
6**	15627.263	46.04	1.71	54.0	-7.96	AV	336.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.900	39.29	-17.58	74.0	-34.71	Peak	155.00	200	Horizontal	Pass
1**	1598.900	29.34	-17.58	54.0	-24.66	AV	155.00	200	Horizontal	Pass
2	4142.400	49.54	-4.90	74.0	-24.46	Peak	210.00	300	Horizontal	Pass
2**	4142.400	40.08	-4.90	54.0	-13.92	AV	210.00	300	Horizontal	Pass
3	5738.800	105.30	-2.32	--	--	Peak	360.00	100	Horizontal	N/A
3**	5738.800	98.10	-2.32	--	--	AV	360.00	100	Horizontal	N/A
4	7334.362	50.04	-3.44	74.0	-23.96	Peak	273.00	100	Horizontal	Pass
4**	7334.362	40.06	-3.44	54.0	-13.94	AV	273.00	100	Horizontal	Pass
5	12349.225	52.79	1.23	74.0	-21.21	Peak	194.00	100	Horizontal	Pass
5**	12349.225	42.85	1.23	54.0	-11.15	AV	194.00	100	Horizontal	Pass
6	15845.925	55.62	1.36	74.0	-18.38	Peak	236.00	200	Horizontal	Pass
6**	15845.925	46.56	1.36	54.0	-7.44	AV	236.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.100	38.60	-17.63	74.0	-35.40	Peak	193.00	100	Vertical	Pass
1**	1509.100	29.34	-17.63	54.0	-24.66	AV	193.00	100	Vertical	Pass
2	3984.800	51.24	-5.63	74.0	-22.76	Peak	238.00	300	Vertical	Pass
2**	3984.800	42.23	-5.63	54.0	-11.77	AV	238.00	300	Vertical	Pass
3	5742.000	91.08	-2.25	--	--	Peak	249.00	200	Vertical	N/A
3**	5742.000	83.25	-2.25	--	--	AV	249.00	200	Vertical	N/A
4	7660.100	51.12	-2.83	74.0	-22.88	Peak	172.00	300	Vertical	Pass
4**	7660.100	46.83	-2.83	54.0	-7.17	AV	172.00	300	Vertical	Pass
5	12230.487	53.03	1.29	74.0	-20.97	Peak	27.00	200	Vertical	Pass
5**	12230.487	44.00	1.29	54.0	-10.00	AV	27.00	200	Vertical	Pass
6	15851.175	55.35	1.30	74.0	-18.65	Peak	217.00	400	Vertical	Pass
6**	15851.175	46.45	1.30	54.0	-7.55	AV	217.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.100	39.37	-17.44	74.0	-34.63	Peak	140.00	300	Horizontal	Pass
1**	1528.100	29.66	-17.44	54.0	-24.34	AV	140.00	300	Horizontal	Pass
2	4390.600	48.94	-4.74	74.0	-25.06	Peak	169.00	300	Horizontal	Pass
2**	4390.600	39.55	-4.74	54.0	-14.45	AV	169.00	300	Horizontal	Pass
3	5791.400	104.15	-2.57	--	--	Peak	0.00	200	Horizontal	N/A
3**	5791.400	96.90	-2.57	--	--	AV	0.00	200	Horizontal	N/A
4	7713.288	49.51	-2.89	74.0	-24.49	Peak	12.00	300	Horizontal	Pass
4**	7713.288	42.23	-2.89	54.0	-11.77	AV	12.00	300	Horizontal	Pass
5	12290.862	52.77	1.65	74.0	-21.23	Peak	44.00	200	Horizontal	Pass
5**	12290.862	43.24	1.65	54.0	-10.76	AV	44.00	200	Horizontal	Pass
6	16131.262	55.62	1.03	74.0	-18.38	Peak	144.00	200	Horizontal	Pass
6**	16131.262	46.39	1.03	54.0	-7.61	AV	144.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	38.59	-17.57	74.0	-35.41	Peak	107.00	400	Vertical	Pass
1**	1494.100	28.75	-17.57	54.0	-25.25	AV	107.00	400	Vertical	Pass
2	3994.400	50.52	-5.40	74.0	-23.48	Peak	237.00	100	Vertical	Pass
2**	3994.400	40.06	-5.40	54.0	-13.94	AV	237.00	100	Vertical	Pass
3	5788.800	92.76	-2.47	--	--	Peak	75.00	150	Vertical	N/A
3**	5788.800	84.92	-2.47	--	--	AV	75.00	150	Vertical	N/A
4	7713.288	49.52	-2.89	74.0	-24.48	Peak	76.00	100	Vertical	Pass
4**	7713.288	44.53	-2.89	54.0	-9.47	AV	76.00	100	Vertical	Pass
5	12272.175	52.87	1.52	74.0	-21.13	Peak	171.00	100	Vertical	Pass
5**	12272.175	43.12	1.52	54.0	-10.88	AV	171.00	100	Vertical	Pass
6	16132.312	56.41	1.04	74.0	-17.59	Peak	142.00	300	Vertical	Pass
6**	16132.312	45.89	1.04	54.0	-8.11	AV	142.00	300	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	1459.800	39.19	-17.47	74.0	-34.81	Peak	141.00	100	Horizontal	Pass
1**	1459.800	29.30	-17.47	54.0	-24.70	AV	141.00	100	Horizontal	Pass
2	4168.400	49.35	-5.14	74.0	-24.65	Peak	75.00	200	Horizontal	Pass
2**	4168.400	38.95	-5.14	54.0	-15.05	AV	75.00	200	Horizontal	Pass
3	5817.400	100.97	-2.52	--	--	Peak	342.00	100	Horizontal	N/A
3**	5817.400	92.89	-2.52	--	--	AV	342.00	100	Horizontal	N/A
4	7343.563	49.26	-3.57	74.0	-24.74	Peak	0.00	100	Horizontal	Pass
4**	7343.563	40.84	-3.57	54.0	-13.16	AV	0.00	100	Horizontal	Pass
5	12643.625	53.62	1.07	74.0	-20.38	Peak	301.00	150	Horizontal	Pass
5**	12643.625	42.30	1.07	54.0	-11.70	AV	301.00	150	Horizontal	Pass
6	16167.487	55.49	1.09	74.0	-18.51	Peak	346.00	100	Horizontal	Pass
6**	16167.487	44.62	1.09	54.0	-9.38	AV	346.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.400	38.93	-17.67	74.0	-35.07	Peak	113.00	100	Vertical	Pass
1**	1621.400	28.99	-17.67	54.0	-25.01	AV	113.00	100	Vertical	Pass
2	3993.600	50.80	-5.45	74.0	-23.20	Peak	230.00	300	Vertical	Pass
2**	3993.600	40.69	-5.45	54.0	-13.31	AV	230.00	300	Vertical	Pass
3	5831.600	92.43	-2.10	--	--	Peak	177.00	150	Vertical	N/A
3**	5831.600	84.62	-2.10	--	--	AV	177.00	150	Vertical	N/A
4	7359.950	48.93	-4.05	74.0	-25.07	Peak	283.00	400	Vertical	Pass
4**	7359.950	40.18	-4.05	54.0	-13.82	AV	283.00	400	Vertical	Pass
5	12345.201	52.87	1.28	74.0	-21.13	Peak	91.00	150	Vertical	Pass
5**	12345.201	43.11	1.28	54.0	-10.89	AV	91.00	150	Vertical	Pass
6	16031.250	55.79	0.72	74.0	-18.21	Peak	71.00	300	Vertical	Pass
6**	16031.250	45.66	0.72	54.0	-8.34	AV	71.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.300	38.92	-17.47	74.0	-35.08	Peak	213.00	300	Horizontal	Pass
1**	1593.300	30.19	-17.47	54.0	-23.81	AV	213.00	300	Horizontal	Pass
2	4162.200	49.82	-4.93	74.0	-24.18	Peak	344.00	400	Horizontal	Pass
2**	4162.200	39.68	-4.93	54.0	-14.32	AV	344.00	400	Horizontal	Pass
3	5753.400	96.96	-2.13	--	--	Peak	344.00	100	Horizontal	N/A
3**	5753.400	89.81	-2.13	--	--	AV	344.00	100	Horizontal	N/A
4	7673.325	49.65	-2.48	74.0	-24.35	Peak	360.00	400	Horizontal	Pass
4**	7673.325	43.94	-2.48	54.0	-10.06	AV	360.00	400	Horizontal	Pass
5	12241.700	53.10	1.05	74.0	-20.90	Peak	360.00	100	Horizontal	Pass
5**	12241.700	44.48	1.05	54.0	-9.52	AV	360.00	100	Horizontal	Pass
6	15835.162	55.18	1.45	74.0	-18.82	Peak	234.00	200	Horizontal	Pass
6**	15835.162	45.53	1.45	54.0	-8.47	AV	234.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.100	38.51	-17.61	74.0	-35.49	Peak	58.00	100	Vertical	Pass
1**	1573.100	28.62	-17.61	54.0	-25.38	AV	58.00	100	Vertical	Pass
2	3985.800	50.96	-5.69	74.0	-23.04	Peak	241.00	400	Vertical	Pass
2**	3985.800	39.49	-5.69	54.0	-14.51	AV	241.00	400	Vertical	Pass
3	5757.800	87.72	-1.99	--	--	Peak	78.00	100	Vertical	N/A
3**	5757.800	80.37	-1.99	--	--	AV	78.00	100	Vertical	N/A
4	7673.612	52.39	-2.47	74.0	-21.61	Peak	280.00	400	Vertical	Pass
4**	7673.612	48.03	-2.47	54.0	-5.97	AV	280.00	400	Vertical	Pass
5	12693.075	52.91	0.83	74.0	-21.09	Peak	169.00	100	Vertical	Pass
5**	12693.075	42.87	0.83	54.0	-11.13	AV	169.00	100	Vertical	Pass
6	16132.312	55.37	1.04	74.0	-18.63	Peak	274.00	100	Vertical	Pass
6**	16132.312	47.33	1.04	54.0	-6.67	AV	274.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.100	38.74	-17.59	74.0	-35.26	Peak	220.00	100	Horizontal	Pass
1**	1599.100	28.92	-17.59	54.0	-25.08	AV	220.00	100	Horizontal	Pass
2	4383.800	49.43	-4.55	74.0	-24.57	Peak	211.00	300	Horizontal	Pass
2**	4383.800	40.00	-4.55	54.0	-14.00	AV	211.00	300	Horizontal	Pass
3	5793.000	100.33	-2.55	--	--	Peak	334.00	200	Horizontal	N/A
3**	5793.000	92.74	-2.55	--	--	AV	334.00	200	Horizontal	N/A
4	7334.650	50.01	-3.42	74.0	-23.99	Peak	107.00	100	Horizontal	Pass
4**	7334.650	40.80	-3.42	54.0	-13.20	AV	107.00	100	Horizontal	Pass
5	12291.438	52.84	1.64	74.0	-21.16	Peak	217.00	100	Horizontal	Pass
5**	12291.438	42.84	1.64	54.0	-11.16	AV	217.00	100	Horizontal	Pass
6	15851.437	55.65	1.29	74.0	-18.35	Peak	0.00	100	Horizontal	Pass
6**	15851.437	46.67	1.29	54.0	-7.33	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.400	39.22	-17.63	74.0	-34.78	Peak	168.00	100	Vertical	Pass
1**	1620.400	29.36	-17.63	54.0	-24.64	AV	168.00	100	Vertical	Pass
2	3996.000	50.00	-5.30	74.0	-24.00	Peak	242.00	200	Vertical	Pass
2**	3996.000	39.92	-5.30	54.0	-14.08	AV	242.00	200	Vertical	Pass
3	5781.600	87.99	-2.15	--	--	Peak	78.00	100	Vertical	N/A
3**	5781.600	80.95	-2.15	--	--	AV	78.00	100	Vertical	N/A
4	7726.800	50.33	-3.46	74.0	-23.67	Peak	280.00	300	Vertical	Pass
4**	7726.800	45.54	-3.46	54.0	-8.46	AV	280.00	300	Vertical	Pass
5	11565.500	53.73	-0.41	74.0	-20.27	Peak	280.00	200	Vertical	Pass
5**	11565.500	43.02	-0.41	54.0	-10.98	AV	280.00	200	Vertical	Pass
6	15635.662	55.69	1.53	74.0	-18.31	Peak	107.00	400	Vertical	Pass
6**	15635.662	46.28	1.53	54.0	-7.72	AV	107.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.800	38.80	-17.47	74.0	-35.20	Peak	161.00	400	Horizontal	Pass
1**	1439.800	29.12	-17.47	54.0	-24.88	AV	161.00	400	Horizontal	Pass
2	4386.800	49.97	-4.70	74.0	-24.03	Peak	46.00	300	Horizontal	Pass
2**	4386.800	40.60	-4.70	54.0	-13.40	AV	46.00	300	Horizontal	Pass
3	5750.600	103.80	-2.17	--	--	Peak	360.00	100	Horizontal	N/A
3**	5750.600	96.80	-2.17	--	--	AV	360.00	100	Horizontal	N/A
4	7339.537	49.25	-3.50	74.0	-24.75	Peak	302.00	200	Horizontal	Pass
4**	7339.537	40.33	-3.50	54.0	-13.67	AV	302.00	200	Horizontal	Pass
5	12584.974	53.13	1.61	74.0	-20.87	Peak	124.00	150	Horizontal	Pass
5**	12584.974	43.52	1.61	54.0	-10.48	AV	124.00	150	Horizontal	Pass
6	15810.487	55.41	2.15	74.0	-18.59	Peak	271.00	400	Horizontal	Pass
6**	15810.487	45.65	2.15	54.0	-8.35	AV	271.00	400	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	1471.000	38.51	-17.50	74.0	-35.49	Peak	254.00	400	Vertical	Pass
1**	1471.000	29.21	-17.50	54.0	-24.79	AV	254.00	400	Vertical	Pass
2	3998.400	50.79	-5.32	74.0	-23.21	Peak	234.00	400	Vertical	Pass
2**	3998.400	41.80	-5.32	54.0	-12.20	AV	234.00	400	Vertical	Pass
3	5750.400	93.61	-2.16	--	--	Peak	170.00	150	Vertical	N/A
3**	5750.400	85.97	-2.16	--	--	AV	170.00	150	Vertical	N/A
4	7660.388	49.58	-2.79	74.0	-24.42	Peak	278.00	150	Vertical	Pass
4**	7660.388	46.96	-2.79	54.0	-7.04	AV	278.00	150	Vertical	Pass
5	12582.963	52.82	1.62	74.0	-21.18	Peak	79.00	150	Vertical	Pass
5**	12582.963	43.58	1.62	54.0	-10.42	AV	79.00	150	Vertical	Pass
6	16089.000	55.58	1.45	74.0	-18.42	Peak	55.00	100	Vertical	Pass
6**	16089.000	46.98	1.45	54.0	-7.02	AV	55.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.300	38.84	-17.45	74.0	-35.16	Peak	214.00	200	Horizontal	Pass
1**	1528.300	28.70	-17.45	54.0	-25.30	AV	214.00	200	Horizontal	Pass
2	4360.200	49.52	-3.76	74.0	-24.48	Peak	360.00	200	Horizontal	Pass
2**	4360.200	40.81	-3.76	54.0	-13.19	AV	360.00	200	Horizontal	Pass
3	5791.800	104.47	-2.57	--	--	Peak	360.00	100	Horizontal	N/A
3**	5791.800	96.90	-2.57	--	--	AV	360.00	100	Horizontal	N/A
4	7336.375	49.50	-3.43	74.0	-24.50	Peak	273.00	100	Horizontal	Pass
4**	7336.375	40.07	-3.43	54.0	-13.93	AV	273.00	100	Horizontal	Pass
5	12220.713	52.75	1.24	74.0	-21.25	Peak	273.00	150	Horizontal	Pass
5**	12220.713	42.97	1.24	54.0	-11.03	AV	273.00	150	Horizontal	Pass
6	15844.350	55.78	1.38	74.0	-18.22	Peak	55.00	400	Horizontal	Pass
6**	15844.350	46.18	1.38	54.0	-7.82	AV	55.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.900	38.86	-17.38	74.0	-35.14	Peak	304.00	400	Vertical	Pass
1**	1550.900	29.90	-17.38	54.0	-24.10	AV	304.00	400	Vertical	Pass
2	3989.600	50.20	-5.63	74.0	-23.80	Peak	238.00	300	Vertical	Pass
2**	3989.600	39.36	-5.63	54.0	-14.64	AV	238.00	300	Vertical	Pass
3	5793.000	91.59	-2.55	--	--	Peak	204.00	200	Vertical	N/A
3**	5793.000	84.56	-2.55	--	--	AV	204.00	200	Vertical	N/A
4	7713.575	49.00	-2.90	74.0	-25.00	Peak	269.00	150	Vertical	Pass
4**	7713.575	46.10	-2.90	54.0	-7.90	AV	269.00	150	Vertical	Pass
5	12217.838	53.23	1.21	74.0	-20.77	Peak	252.00	100	Vertical	Pass
5**	12217.838	43.66	1.21	54.0	-10.34	AV	252.00	100	Vertical	Pass
6	16075.612	55.35	1.55	74.0	-18.65	Peak	249.00	400	Vertical	Pass
6**	16075.612	47.28	1.55	54.0	-6.72	AV	249.00	400	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	1578.600	38.78	-17.52	74.0	-35.22	Peak	226.00	100	Horizontal	Pass
1**	1578.600	28.76	-17.52	54.0	-25.24	AV	226.00	100	Horizontal	Pass
2	4365.400	49.49	-3.98	74.0	-24.51	Peak	301.00	300	Horizontal	Pass
2**	4365.400	40.75	-3.98	54.0	-13.25	AV	301.00	300	Horizontal	Pass
3	5818.200	100.59	-2.52	--	--	Peak	343.00	100	Horizontal	N/A
3**	5818.200	92.94	-2.52	--	--	AV	343.00	100	Horizontal	N/A
4	7349.025	49.17	-3.86	74.0	-24.83	Peak	257.00	200	Horizontal	Pass
4**	7349.025	40.21	-3.86	54.0	-13.79	AV	257.00	200	Horizontal	Pass
5	12297.475	52.64	1.53	74.0	-21.36	Peak	272.00	100	Horizontal	Pass
5**	12297.475	43.91	1.53	54.0	-10.09	AV	272.00	100	Horizontal	Pass
6	16095.037	56.18	1.32	74.0	-17.82	Peak	81.00	100	Horizontal	Pass
6**	16095.037	46.54	1.32	54.0	-7.46	AV	81.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.100	38.70	-17.74	74.0	-35.30	Peak	0.00	200	Vertical	Pass
1**	1610.100	29.07	-17.74	54.0	-24.93	AV	0.00	200	Vertical	Pass
2	3989.400	49.77	-5.63	74.0	-24.23	Peak	239.00	100	Vertical	Pass
2**	3989.400	40.08	-5.63	54.0	-13.92	AV	239.00	100	Vertical	Pass
3	5829.400	91.95	-2.20	--	--	Peak	177.00	200	Vertical	N/A
3**	5829.400	84.23	-2.20	--	--	AV	177.00	200	Vertical	N/A
4	7364.550	50.18	-4.02	74.0	-23.82	Peak	193.00	300	Vertical	Pass
4**	7364.550	39.36	-4.02	54.0	-14.64	AV	193.00	300	Vertical	Pass
5	12264.700	53.37	1.28	74.0	-20.63	Peak	45.00	200	Vertical	Pass
5**	12264.700	43.64	1.28	54.0	-10.36	AV	45.00	200	Vertical	Pass
6	15627.000	55.95	1.71	74.0	-18.05	Peak	2.00	200	Vertical	Pass
6**	15627.000	46.91	1.71	54.0	-7.09	AV	2.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.600	38.97	-17.54	74.0	-35.03	Peak	306.00	300	Horizontal	Pass
1**	1475.600	28.82	-17.54	54.0	-25.18	AV	306.00	300	Horizontal	Pass
2	4348.400	49.64	-4.14	74.0	-24.36	Peak	129.00	400	Horizontal	Pass
2**	4348.400	39.58	-4.14	54.0	-14.42	AV	129.00	400	Horizontal	Pass
3	5768.400	99.77	-1.83	--	--	Peak	360.00	200	Horizontal	N/A
3**	5768.400	92.04	-1.83	--	--	AV	360.00	200	Horizontal	N/A
4	7673.325	49.64	-2.48	74.0	-24.36	Peak	273.00	200	Horizontal	Pass
4**	7673.325	43.58	-2.48	54.0	-10.42	AV	273.00	200	Horizontal	Pass
5	12307.537	52.66	1.38	74.0	-21.34	Peak	339.00	150	Horizontal	Pass
5**	12307.537	43.17	1.38	54.0	-10.83	AV	339.00	150	Horizontal	Pass
6	16075.875	55.14	1.56	74.0	-18.86	Peak	45.00	300	Horizontal	Pass
6**	16075.875	46.29	1.56	54.0	-7.71	AV	45.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.700	38.77	-17.47	74.0	-35.23	Peak	158.00	300	Vertical	Pass
1**	1535.700	29.01	-17.47	54.0	-24.99	AV	158.00	300	Vertical	Pass
2	3997.000	50.05	-5.24	74.0	-23.95	Peak	238.00	300	Vertical	Pass
2**	3997.000	39.98	-5.24	54.0	-14.02	AV	238.00	300	Vertical	Pass
3	5758.400	88.61	-1.97	--	--	Peak	82.00	100	Vertical	N/A
3**	5758.400	80.73	-1.97	--	--	AV	82.00	100	Vertical	N/A
4	7673.900	51.06	-2.46	74.0	-22.94	Peak	279.00	150	Vertical	Pass
4**	7673.900	47.69	-2.46	54.0	-6.31	AV	279.00	150	Vertical	Pass
5	12224.737	52.54	1.30	74.0	-21.46	Peak	295.00	100	Vertical	Pass
5**	12224.737	44.24	1.30	54.0	-9.76	AV	295.00	100	Vertical	Pass
6	16090.313	56.18	1.43	74.0	-17.82	Peak	152.00	300	Vertical	Pass
6**	16090.313	46.30	1.43	54.0	-7.70	AV	152.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.800	39.03	-17.36	74.0	-34.97	Peak	187.00	400	Horizontal	Pass
1**	1551.800	30.29	-17.36	54.0	-23.71	AV	187.00	400	Horizontal	Pass
2	4333.000	49.15	-4.58	74.0	-24.85	Peak	308.00	100	Horizontal	Pass
2**	4333.000	38.95	-4.58	54.0	-15.05	AV	308.00	100	Horizontal	Pass
3	5779.400	99.86	-2.09	--	--	Peak	360.00	200	Horizontal	N/A
3**	5779.400	92.21	-2.09	--	--	AV	360.00	200	Horizontal	N/A
4	7726.800	49.43	-3.46	74.0	-24.57	Peak	0.00	300	Horizontal	Pass
4**	7726.800	44.03	-3.46	54.0	-9.97	AV	0.00	300	Horizontal	Pass
5	12306.388	53.29	1.38	74.0	-20.71	Peak	203.00	150	Horizontal	Pass
5**	12306.388	43.11	1.38	54.0	-10.89	AV	203.00	150	Horizontal	Pass
6	15619.125	55.19	1.61	74.0	-18.81	Peak	210.00	200	Horizontal	Pass
6**	15619.125	45.85	1.61	54.0	-8.15	AV	210.00	200	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	1437.900	38.79	-17.41	74.0	-35.21	Peak	275.00	200	Vertical	Pass
1**	1437.900	29.10	-17.41	54.0	-24.90	AV	275.00	200	Vertical	Pass
2	3995.800	50.44	-5.31	74.0	-23.56	Peak	232.00	400	Vertical	Pass
2**	3995.800	40.25	-5.31	54.0	-13.75	AV	232.00	400	Vertical	Pass
3	5780.000	88.07	-2.13	--	--	Peak	160.00	150	Vertical	N/A
3**	5780.000	80.08	-2.13	--	--	AV	160.00	150	Vertical	N/A
4	7726.513	50.43	-3.48	74.0	-23.57	Peak	279.00	300	Vertical	Pass
4**	7726.513	44.77	-3.48	54.0	-9.23	AV	279.00	300	Vertical	Pass
5	12541.275	53.06	1.30	74.0	-20.94	Peak	110.00	150	Vertical	Pass
5**	12541.275	42.96	1.30	54.0	-11.04	AV	110.00	150	Vertical	Pass
6	15838.576	55.42	1.45	74.0	-18.58	Peak	253.00	100	Vertical	Pass
6**	15838.576	46.55	1.45	54.0	-7.45	AV	253.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.100	39.31	-17.62	74.0	-34.69	Peak	146.00	100	Horizontal	Pass
1**	1597.100	29.87	-17.62	54.0	-24.13	AV	146.00	100	Horizontal	Pass
2	4390.800	49.33	-4.74	74.0	-24.67	Peak	207.00	100	Horizontal	Pass
2**	4390.800	40.14	-4.74	54.0	-13.86	AV	207.00	100	Horizontal	Pass
3	5793.200	99.33	-2.55	--	--	Peak	0.00	150	Horizontal	N/A
3**	5793.200	92.77	-2.55	--	--	AV	0.00	150	Horizontal	N/A
4	7340.400	49.64	-3.55	74.0	-24.36	Peak	216.00	100	Horizontal	Pass
4**	7340.400	41.34	-3.55	54.0	-12.66	AV	216.00	100	Horizontal	Pass
5	11952.763	52.52	1.27	74.0	-21.48	Peak	64.00	200	Horizontal	Pass
5**	11952.763	43.49	1.27	54.0	-10.51	AV	64.00	200	Horizontal	Pass
6	15829.387	55.51	1.51	74.0	-18.49	Peak	260.00	100	Horizontal	Pass
6**	15829.387	45.96	1.51	54.0	-8.04	AV	260.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.800	38.57	-17.35	74.0	-35.43	Peak	264.00	200	Vertical	Pass
1**	1450.800	29.71	-17.35	54.0	-24.29	AV	264.00	200	Vertical	Pass
2	4287.200	50.04	-4.91	74.0	-23.96	Peak	256.00	400	Vertical	Pass
2**	4287.200	40.31	-4.91	54.0	-13.69	AV	256.00	400	Vertical	Pass
3	5757.000	86.37	-2.02	--	--	Peak	81.00	150	Vertical	N/A
3**	5757.000	78.69	-2.02	--	--	AV	81.00	150	Vertical	N/A
4	7700.063	49.96	-3.17	74.0	-24.04	Peak	272.00	300	Vertical	Pass
4**	7700.063	45.74	-3.17	54.0	-8.26	AV	272.00	300	Vertical	Pass
5	12594.750	53.14	1.77	74.0	-20.86	Peak	168.00	100	Vertical	Pass
5**	12594.750	45.26	1.77	54.0	-8.74	AV	168.00	100	Vertical	Pass
6	16194.787	55.95	1.59	74.0	-18.05	Peak	244.00	100	Vertical	Pass
6**	16194.787	45.35	1.59	54.0	-8.65	AV	244.00	100	Vertical	Pass

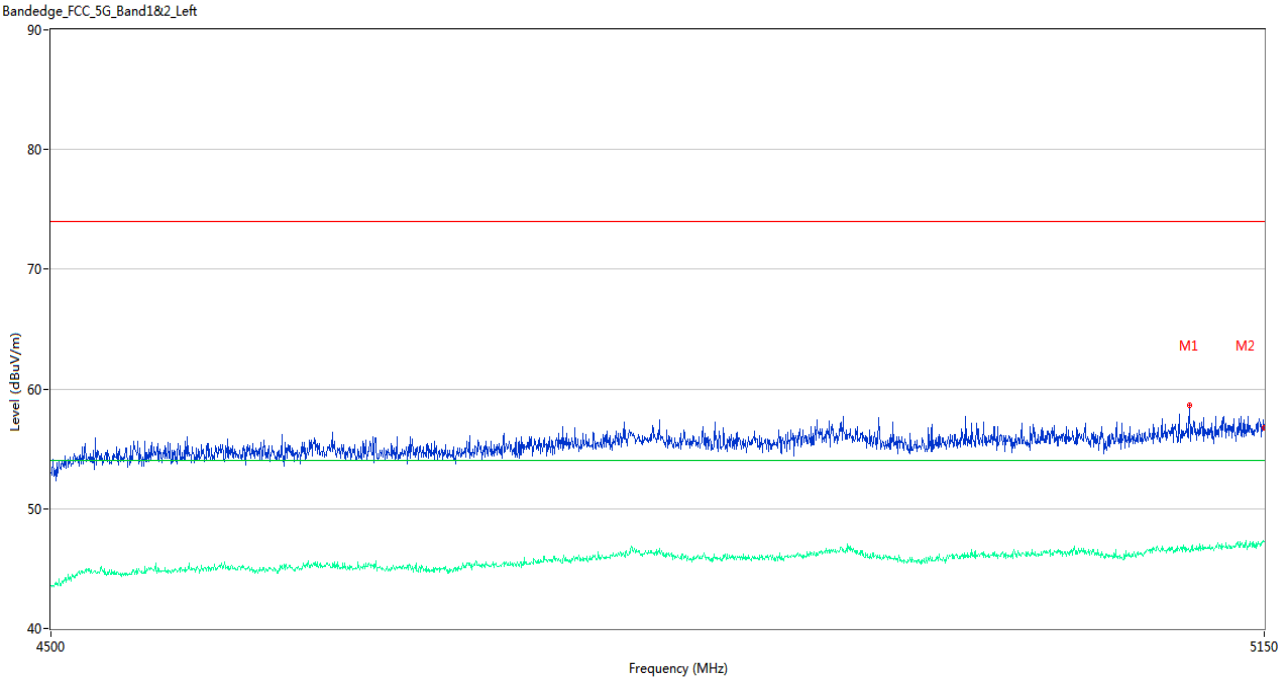
Band Edge (Restricted-band)

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

Test Data and Plots

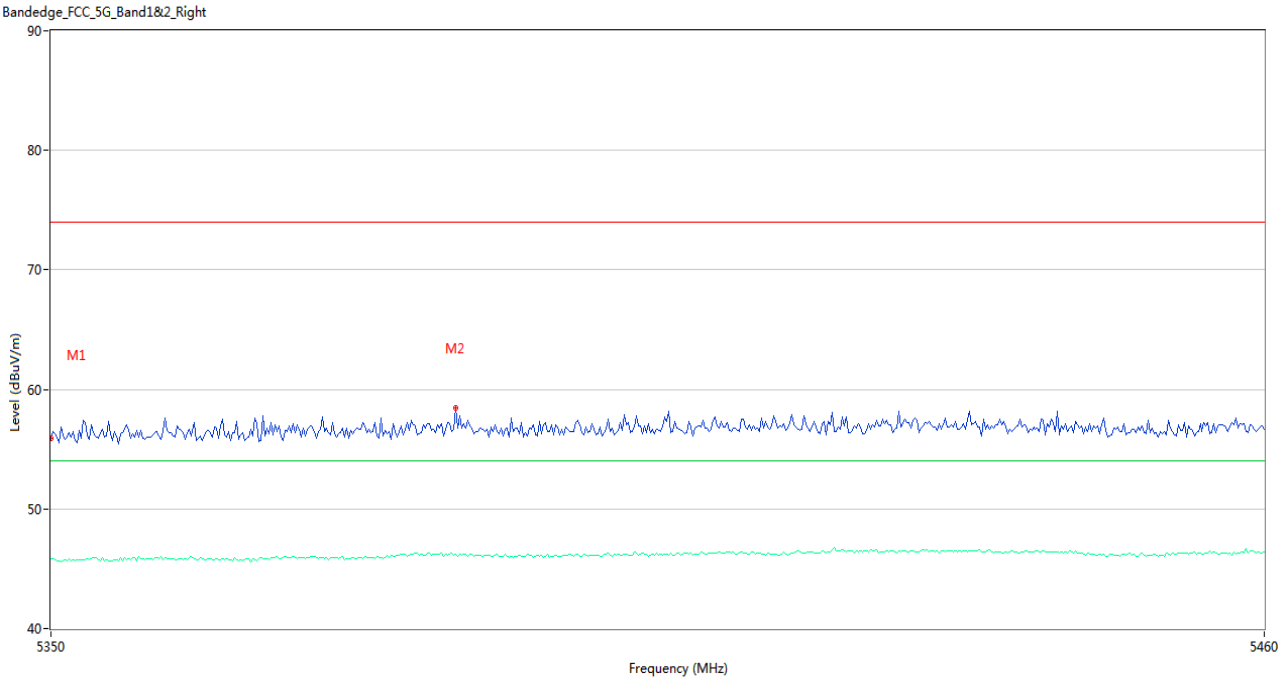
Main Antenna

U-NII-1 11a CH36



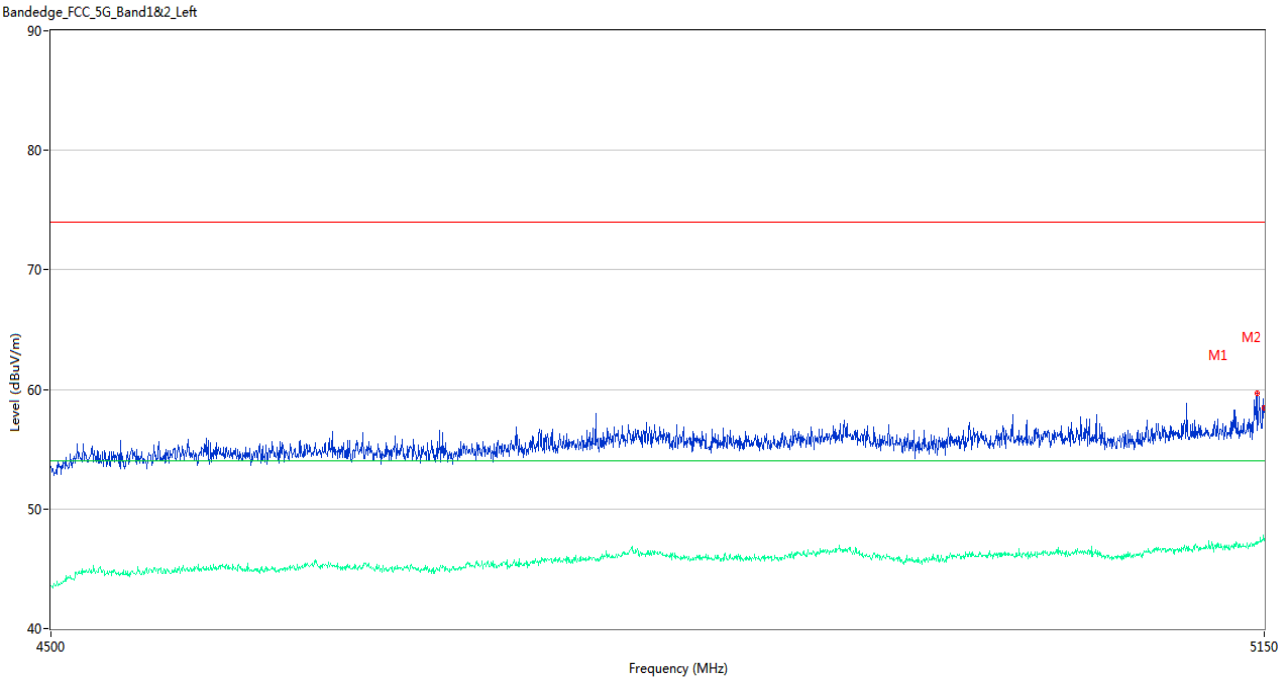
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5107.425	58.60	3.52	74.0	-15.40	Peak	104.00	100	Vertical	Pass
1**	5107.425	46.38	3.52	54.0	-7.62	AV	104.00	100	Vertical	Pass
2	5150.000	56.78	3.22	74.0	-17.22	Peak	29.00	150	Vertical	Pass
2**	5150.000	47.25	3.22	54.0	-6.75	AV	29.00	150	Vertical	Pass

U-NII-1 11a CH48



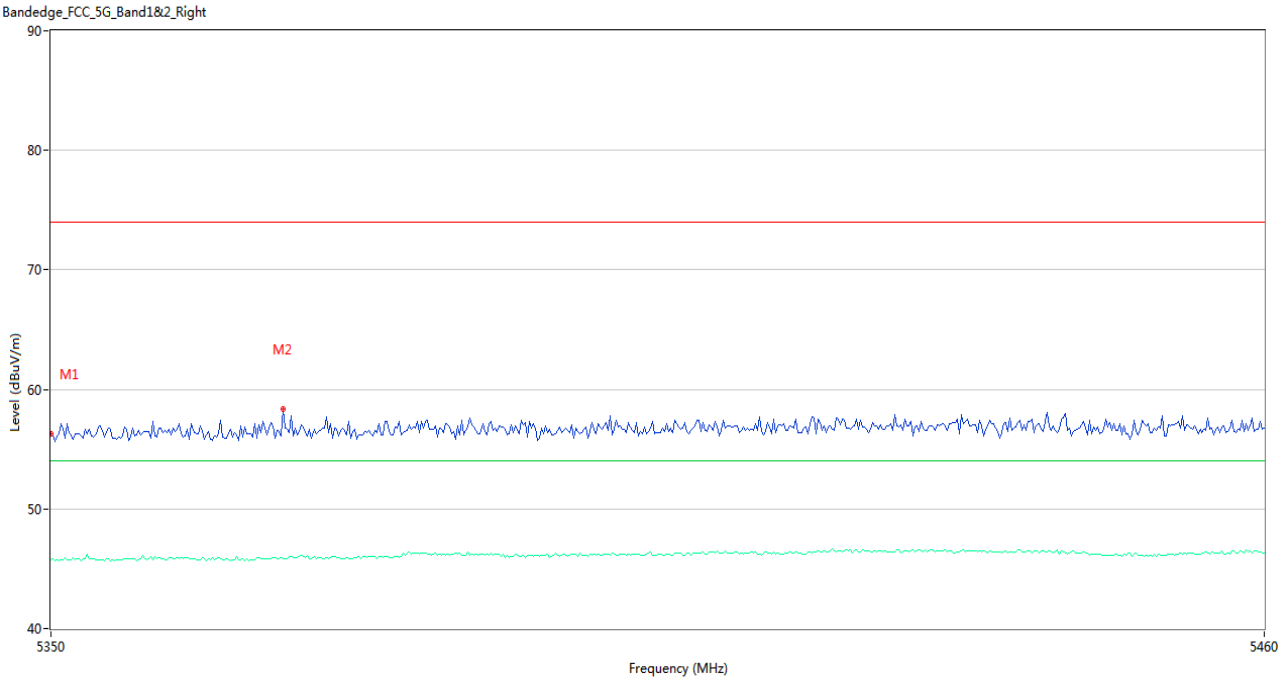
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.94	2.98	74.0	-18.06	Peak	341.00	200	Vertical	Pass
1**	5350.000	45.81	2.98	54.0	-8.19	AV	341.00	200	Vertical	Pass
2	5386.483	58.47	3.44	74.0	-15.53	Peak	83.00	200	Vertical	Pass
2**	5386.483	46.19	3.44	54.0	-7.81	AV	83.00	200	Vertical	Pass

U-NII-1 11n20 CH36



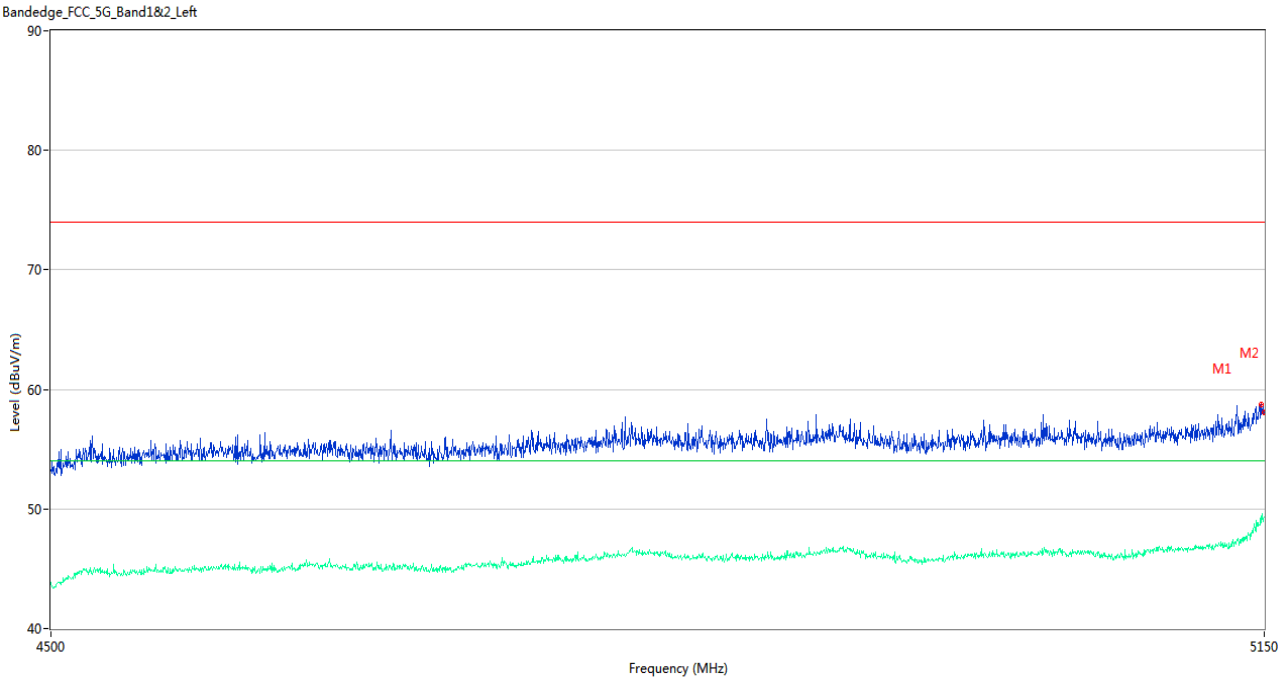
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	59.65	3.40	74.0	-14.35	Peak	32.00	100	Vertical	Pass
1**	5145.775	47.25	3.40	54.0	-6.75	AV	32.00	100	Vertical	Pass
2	5150.000	58.47	3.22	74.0	-15.53	Peak	71.00	150	Vertical	Pass
2**	5150.000	47.34	3.22	54.0	-6.66	AV	71.00	150	Vertical	Pass

U-NII-1 11n20 CH48



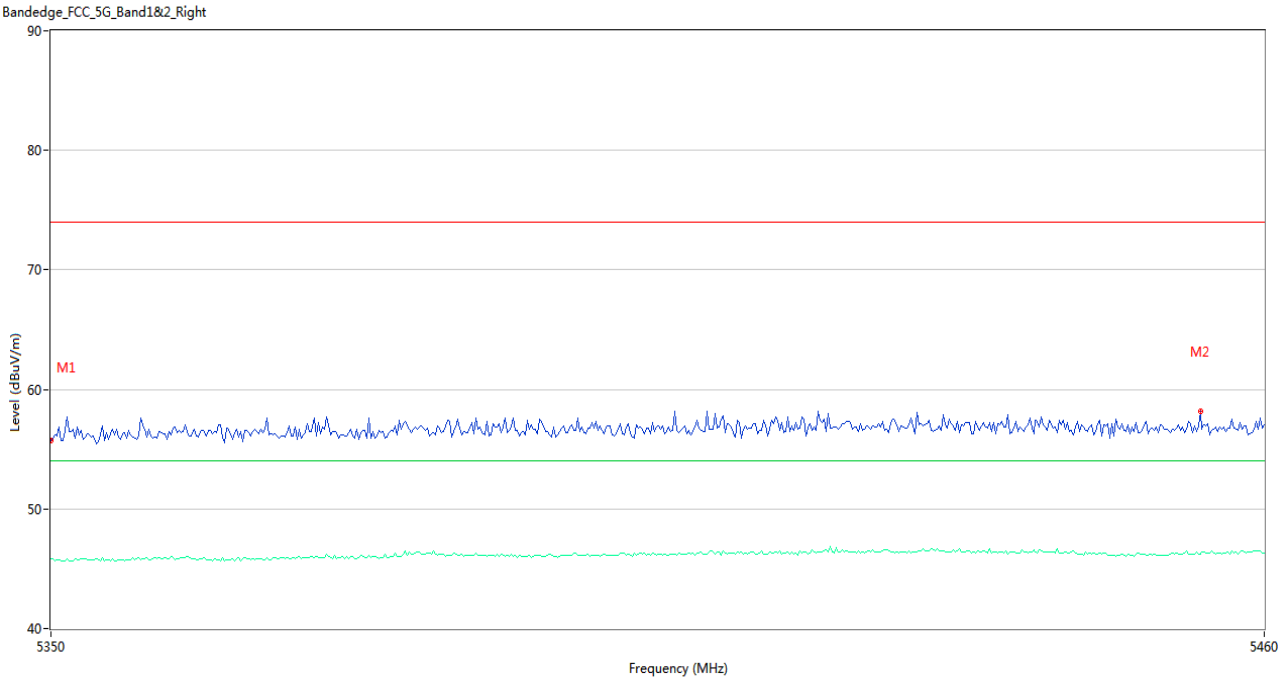
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.30	2.98	74.0	-17.70	Peak	177.00	100	Vertical	Pass
1**	5350.000	45.70	2.98	54.0	-8.30	AV	177.00	100	Vertical	Pass
2	5370.900	58.34	3.44	74.0	-15.66	Peak	52.00	200	Vertical	Pass
2**	5370.900	45.80	3.44	54.0	-8.20	AV	52.00	200	Vertical	Pass

U-NII-1 11n40 CH38



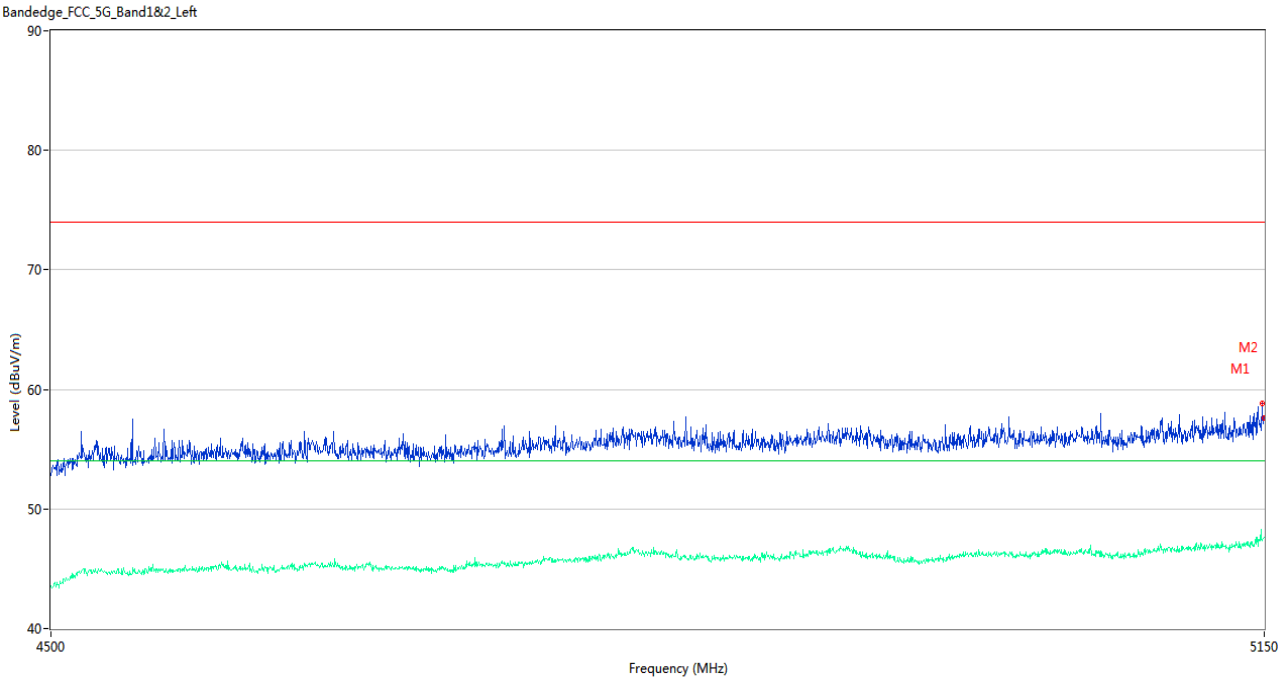
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	58.77	3.36	74.0	-15.23	Peak	68.00	100	Vertical	Pass
1**	5148.050	49.45	3.36	54.0	-4.55	AV	68.00	100	Vertical	Pass
2	5150.000	58.09	3.22	74.0	-15.91	Peak	35.00	150	Vertical	Pass
2**	5150.000	49.31	3.22	54.0	-4.69	AV	35.00	150	Vertical	Pass

U-NII-1 11n40 CH46



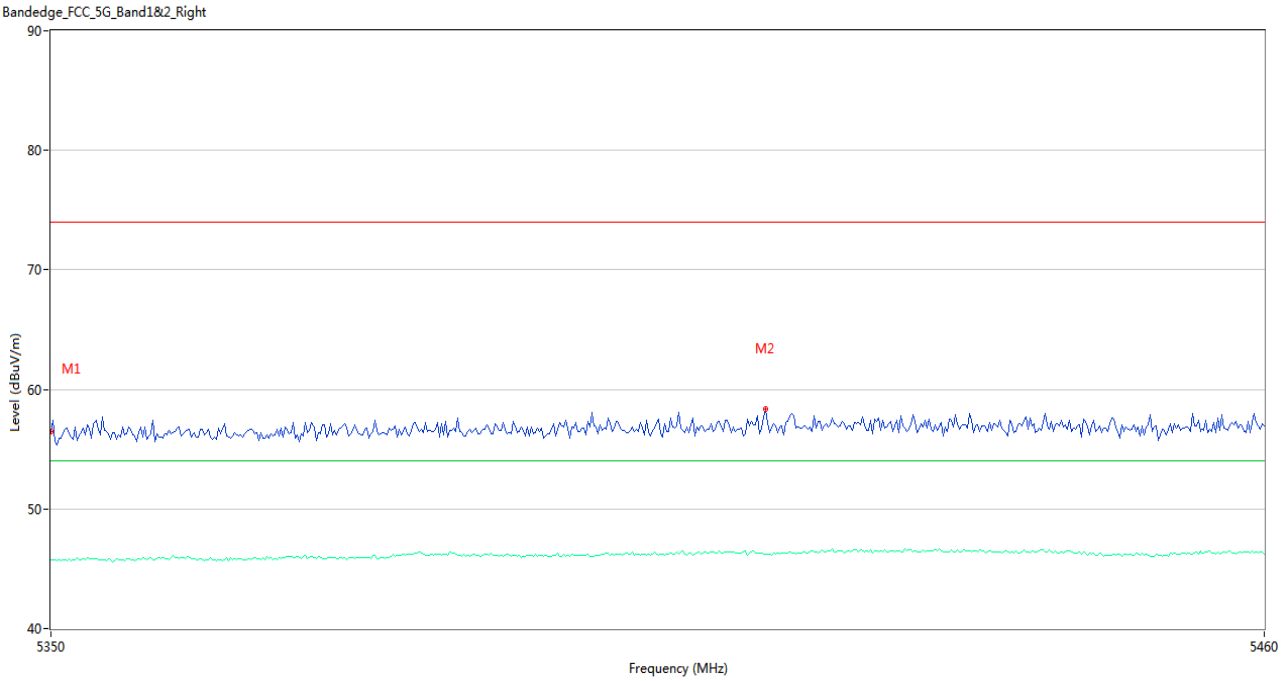
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.73	2.98	74.0	-18.27	Peak	66.00	100	Vertical	Pass
1**	5350.000	45.80	2.98	54.0	-8.20	AV	66.00	100	Vertical	Pass
2	5454.133	58.21	3.84	74.0	-15.79	Peak	234.00	200	Vertical	Pass
2**	5454.133	46.23	3.84	54.0	-7.77	AV	234.00	200	Vertical	Pass

U-NII-1 11ac20 CH36



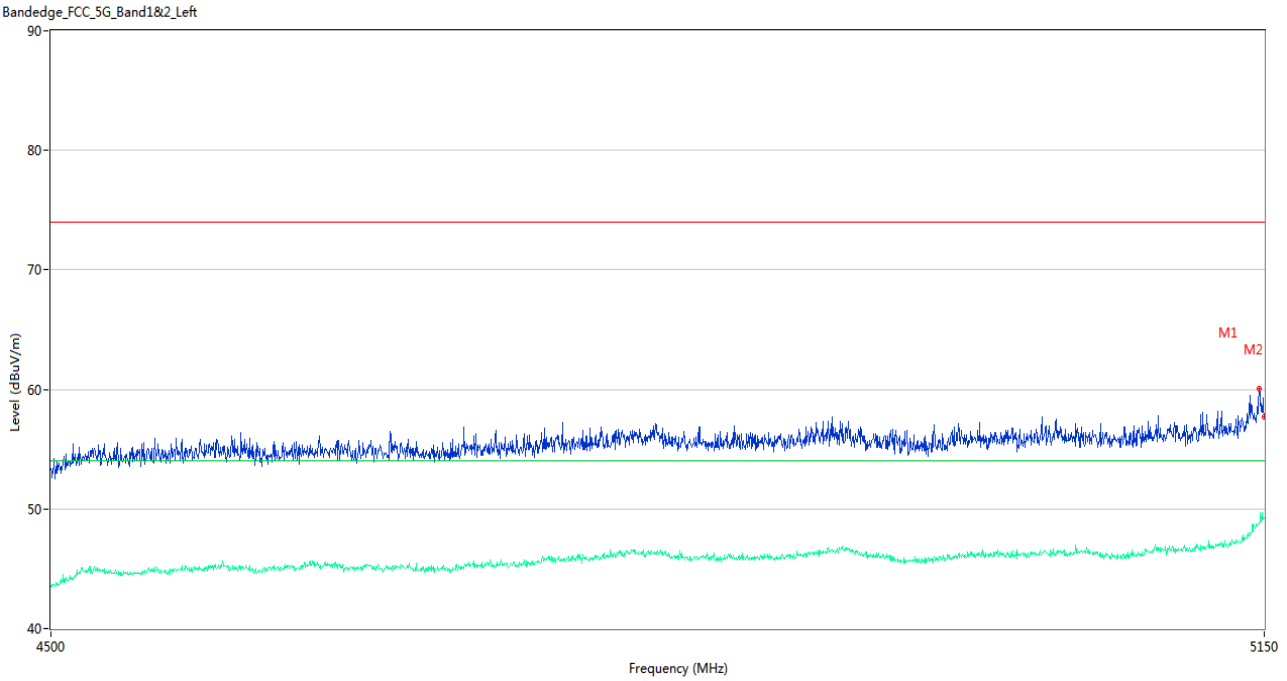
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	58.82	3.35	74.0	-15.18	Peak	345.00	150	Vertical	Pass
1**	5148.700	47.42	3.35	54.0	-6.58	AV	345.00	150	Vertical	Pass
2	5150.000	57.58	3.22	74.0	-16.42	Peak	29.00	150	Vertical	Pass
2**	5150.000	47.58	3.22	54.0	-6.42	AV	29.00	150	Vertical	Pass

U-NII-1 11ac20 CH48



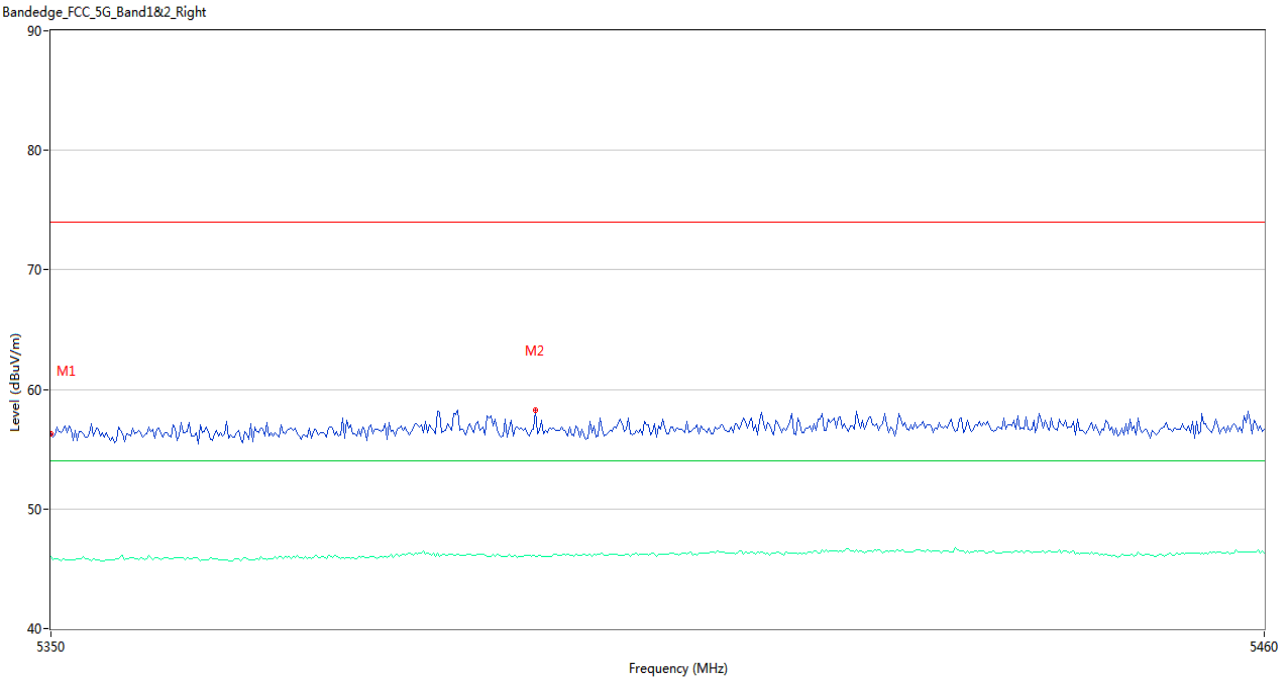
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.51	2.98	74.0	-17.49	Peak	334.00	100	Vertical	Pass
1**	5350.000	45.72	2.98	54.0	-8.28	AV	334.00	100	Vertical	Pass
2	5414.533	58.41	3.20	74.0	-15.59	Peak	274.00	150	Vertical	Pass
2**	5414.533	46.17	3.20	54.0	-7.83	AV	274.00	150	Vertical	Pass

U-NII-1 11ac40 CH38



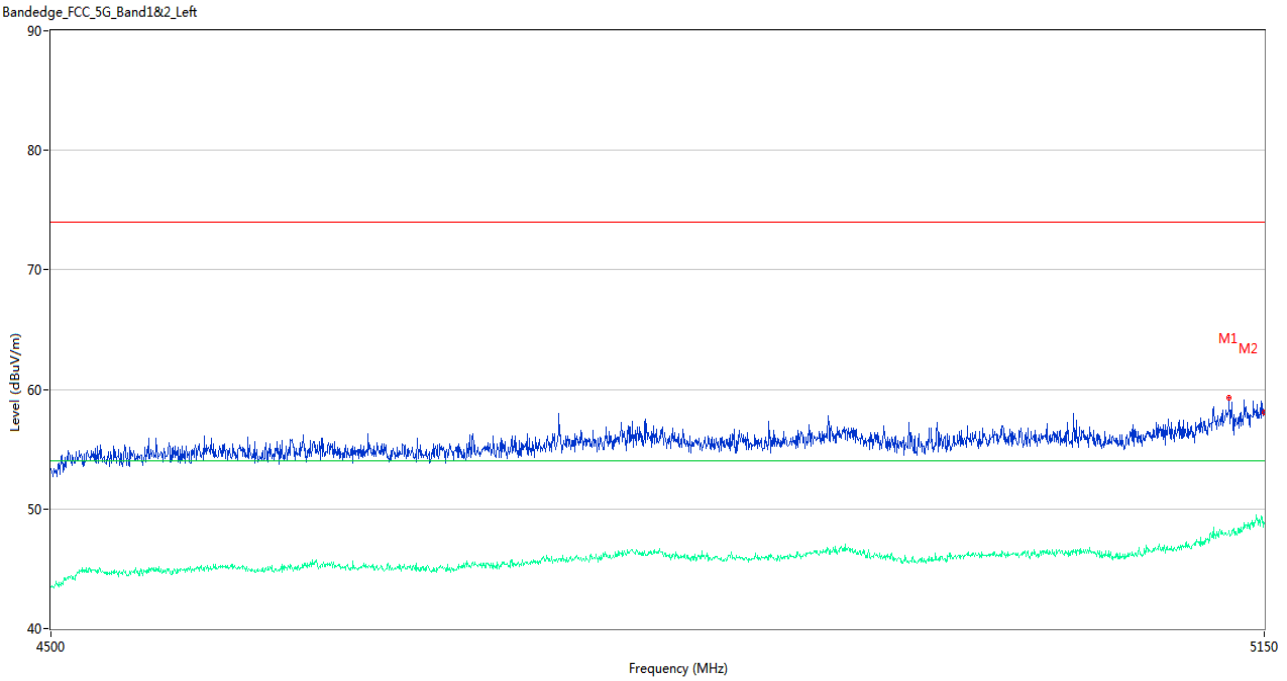
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	60.03	3.38	74.0	-13.97	Peak	29.00	150	Vertical	Pass
1**	5147.075	48.80	3.38	54.0	-5.20	AV	29.00	150	Vertical	Pass
2	5150.000	57.68	3.22	74.0	-16.32	Peak	195.00	150	Vertical	Pass
2**	5150.000	49.20	3.22	54.0	-4.80	AV	195.00	150	Vertical	Pass

U-NII-1 11ac40 CH46



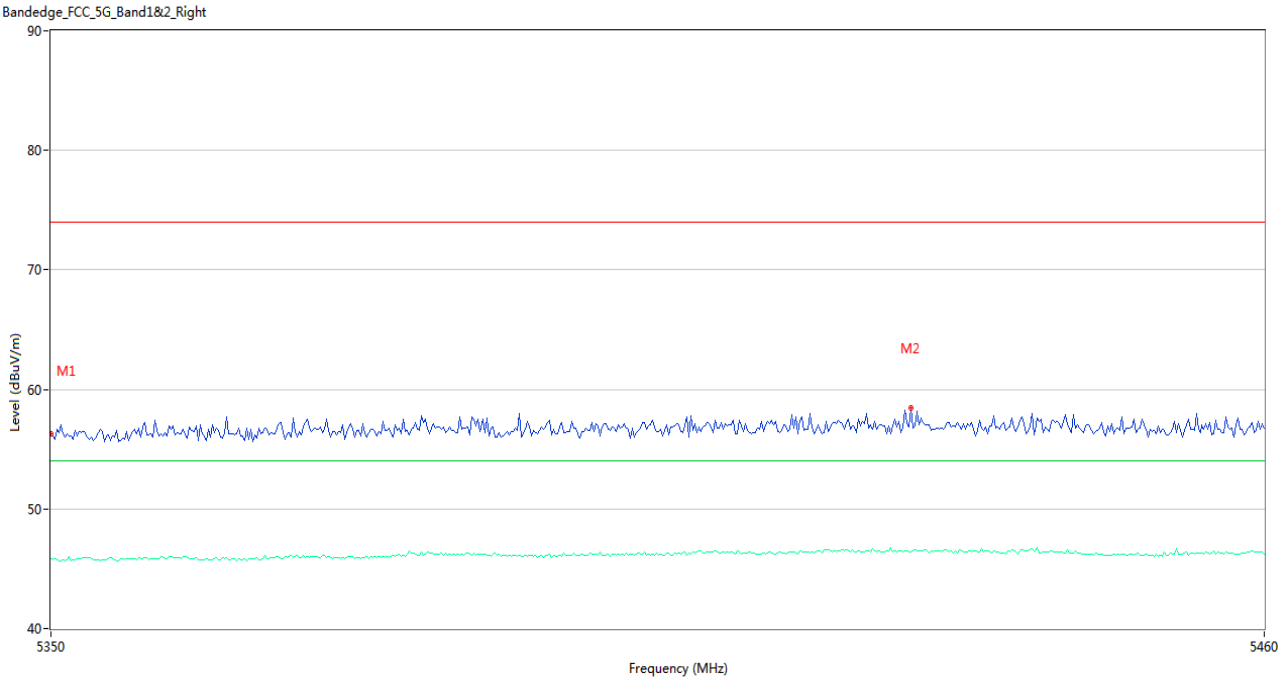
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.28	2.98	74.0	-17.72	Peak	96.00	100	Vertical	Pass
1**	5350.000	46.02	2.98	54.0	-7.98	AV	96.00	100	Vertical	Pass
2	5393.633	58.28	3.31	74.0	-15.72	Peak	64.00	150	Vertical	Pass
2**	5393.633	46.05	3.31	54.0	-7.95	AV	64.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



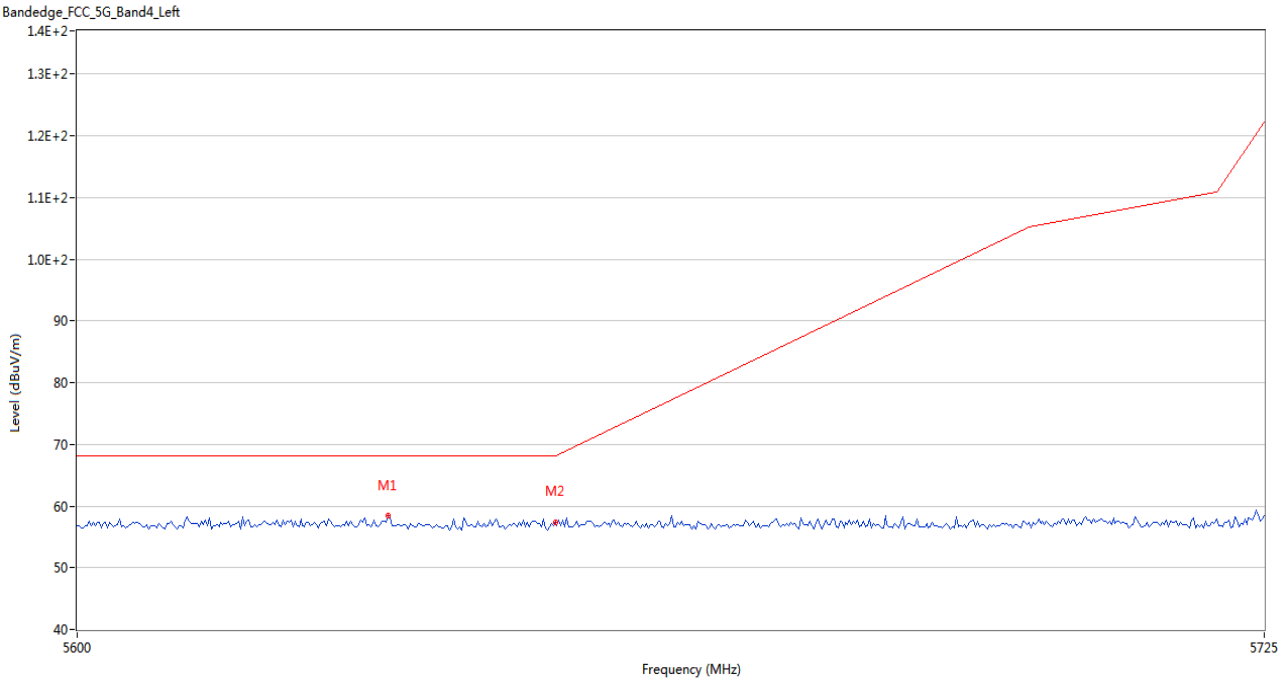
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5129.850	59.26	3.63	74.0	-14.74	Peak	71.00	200	Vertical	Pass
1**	5129.850	48.15	3.63	54.0	-5.85	AV	71.00	200	Vertical	Pass
2	5150.000	58.07	3.22	74.0	-15.93	Peak	29.00	150	Vertical	Pass
2**	5150.000	48.85	3.22	54.0	-5.15	AV	29.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



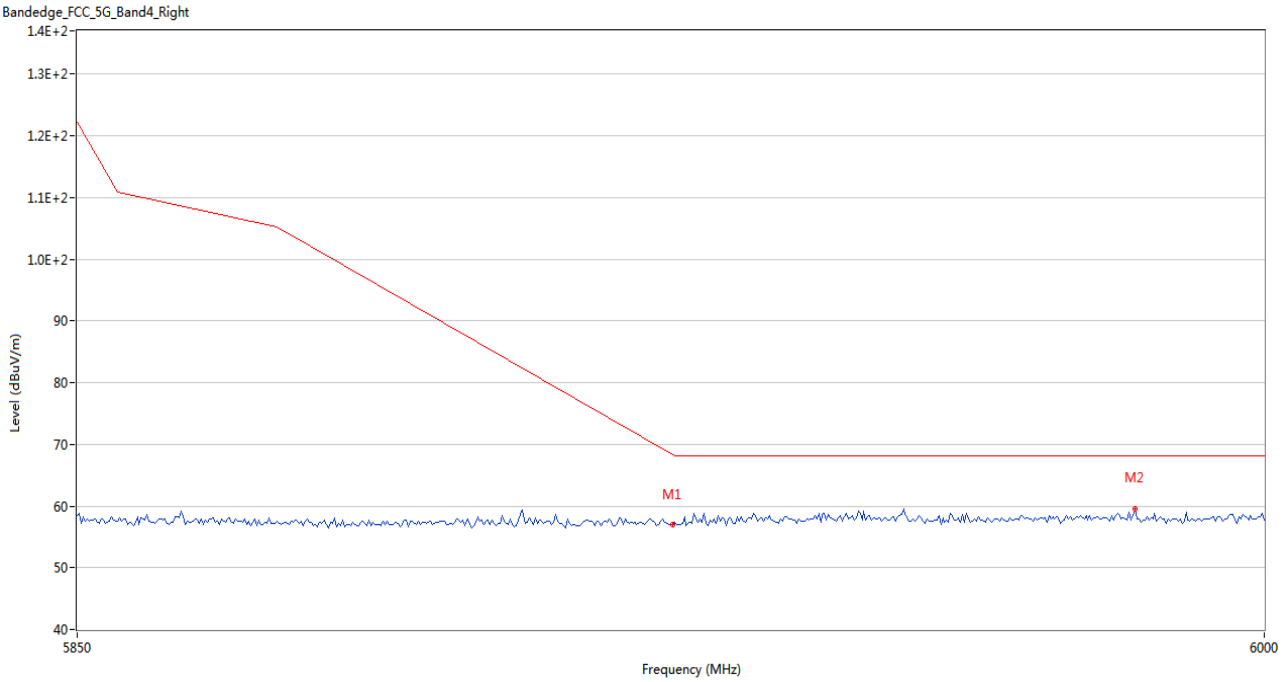
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.31	2.98	74.0	-17.69	Peak	342.00	100	Vertical	Pass
1**	5350.000	45.85	2.98	54.0	-8.15	AV	342.00	100	Vertical	Pass
2	5427.734	58.46	3.32	74.0	-15.54	Peak	270.00	100	Vertical	Pass
2**	5427.734	46.42	3.32	54.0	-7.58	AV	270.00	100	Vertical	Pass

U-NII-3 11a CH149



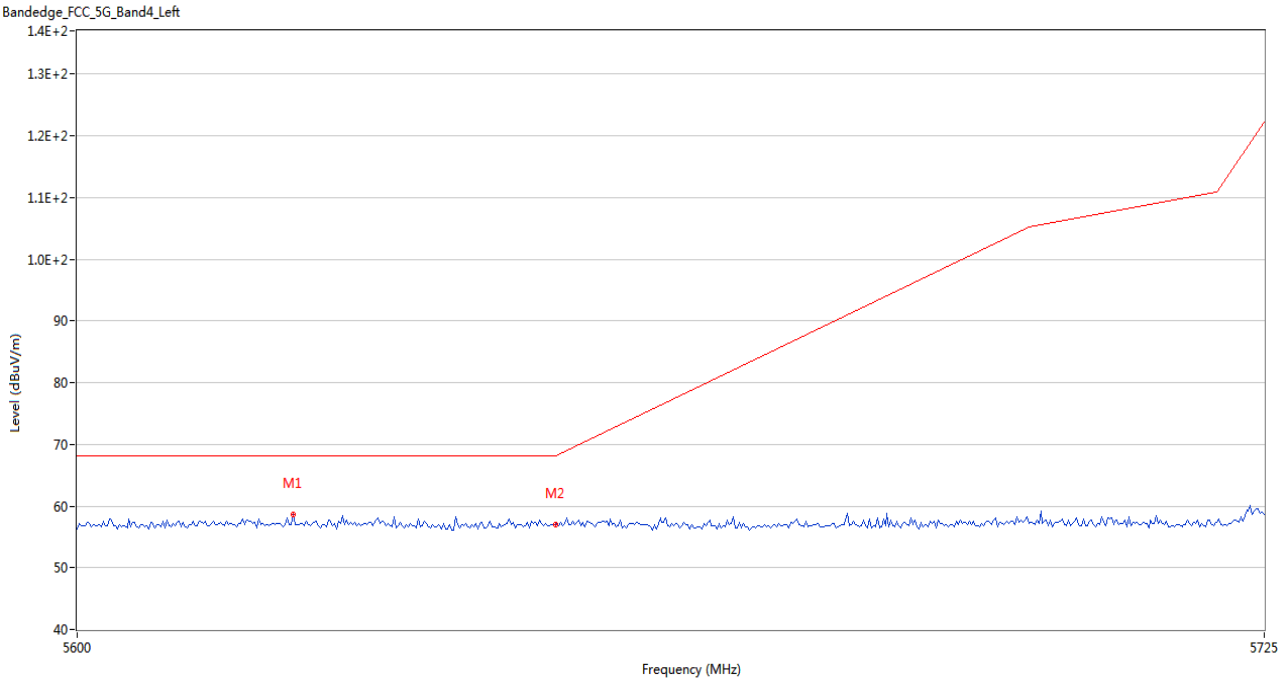
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.500	58.43	3.47	68.2	-9.77	Peak	358.00	200	Vertical	Pass
2	5650.000	57.40	3.60	68.2	-10.80	Peak	315.00	150	Vertical	Pass

U-NII-3 11a CH165



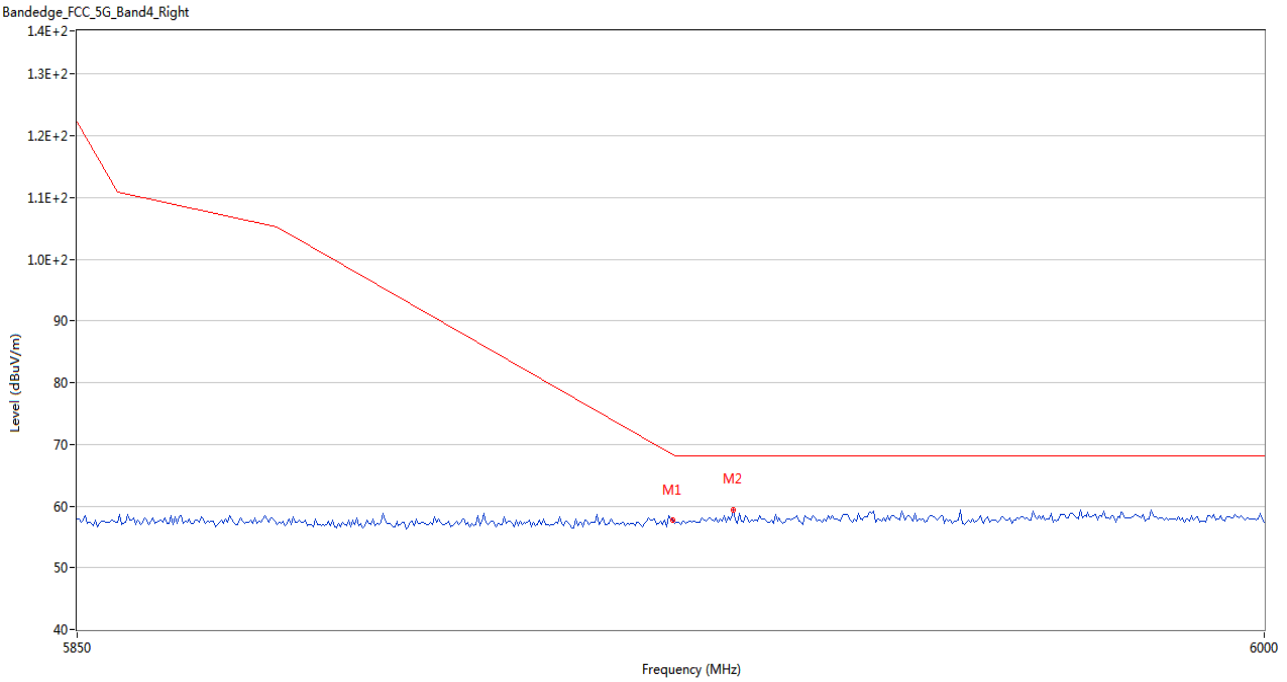
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.93	3.41	68.4	-11.47	Peak	179.00	100	Vertical	Pass
2	5983.500	59.61	4.37	68.2	-8.59	Peak	32.00	100	Vertical	Pass

U-NII-3 11n20 CH149



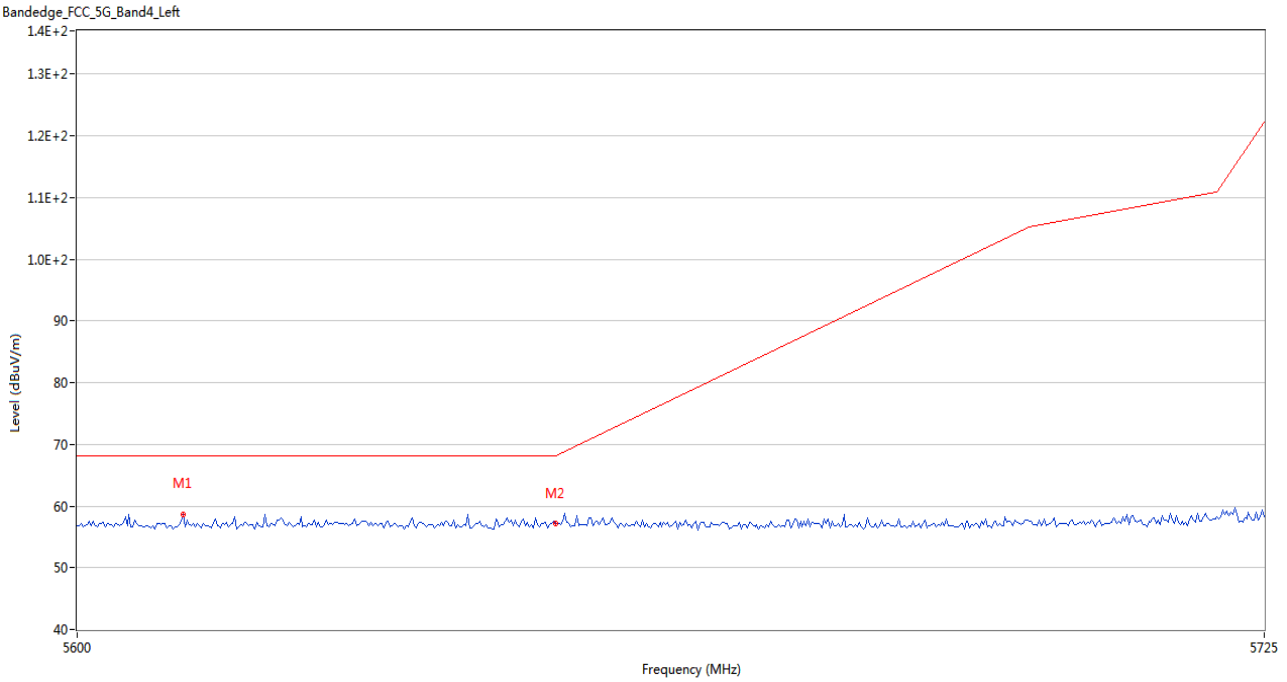
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5622.500	58.68	3.38	68.2	-9.52	Peak	117.00	150	Vertical	Pass
2	5650.000	57.04	3.60	68.2	-11.16	Peak	60.00	200	Vertical	Pass

U-NII-3 11n20 CH165



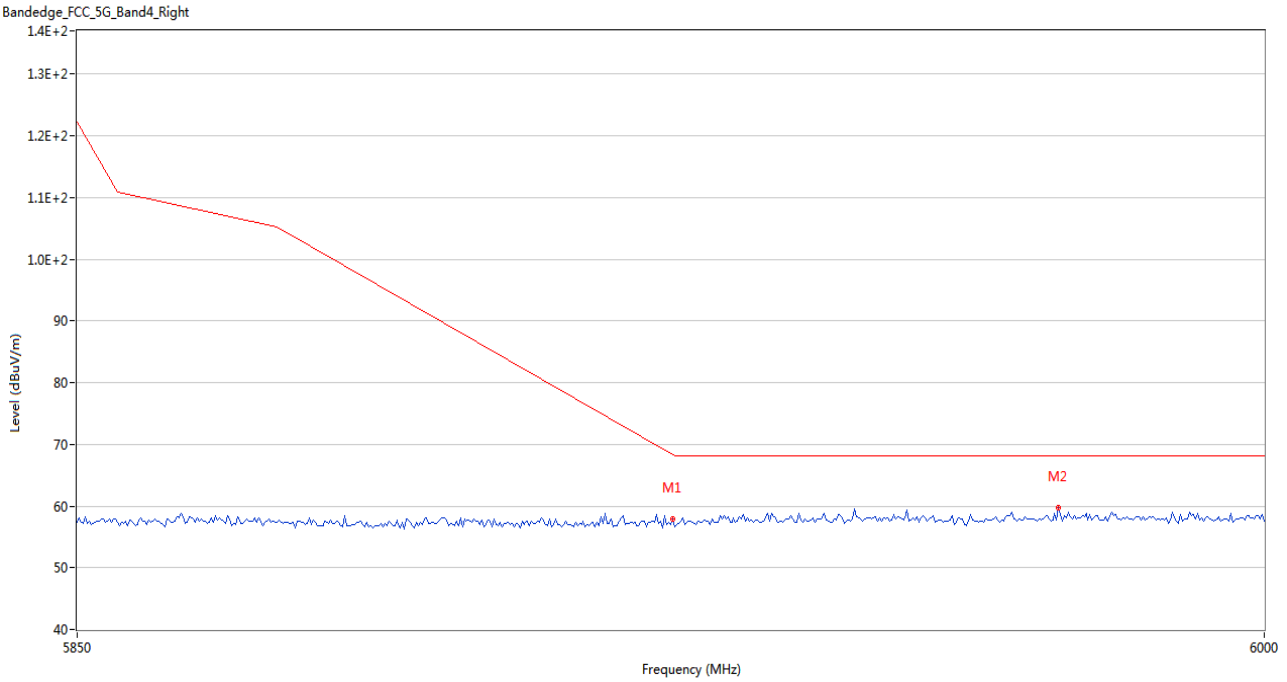
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.64	3.41	68.4	-10.76	Peak	53.00	150	Vertical	Pass
2	5932.500	59.42	3.88	68.2	-8.78	Peak	344.00	200	Vertical	Pass

U-NII-3 11n40 CH151



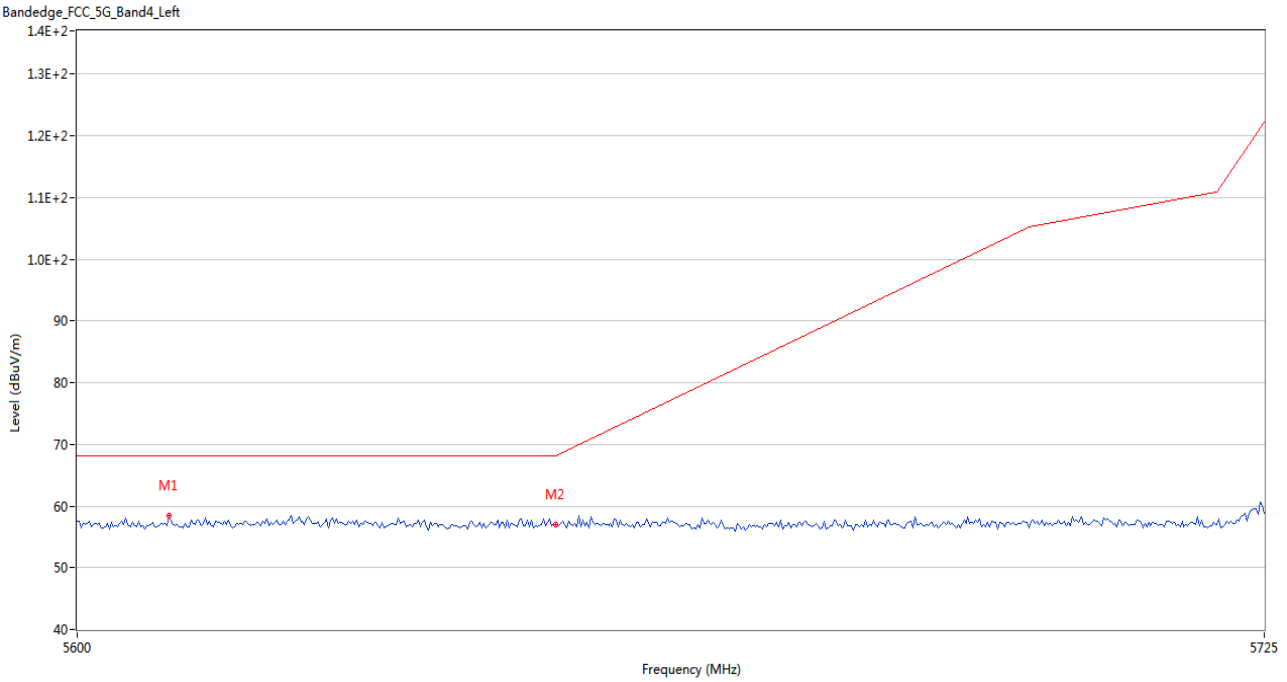
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5611.041	58.69	3.41	68.2	-9.51	Peak	334.00	100	Vertical	Pass
2	5650.000	57.13	3.60	68.2	-11.07	Peak	163.00	150	Vertical	Pass

U-NII-3 11n40 CH159



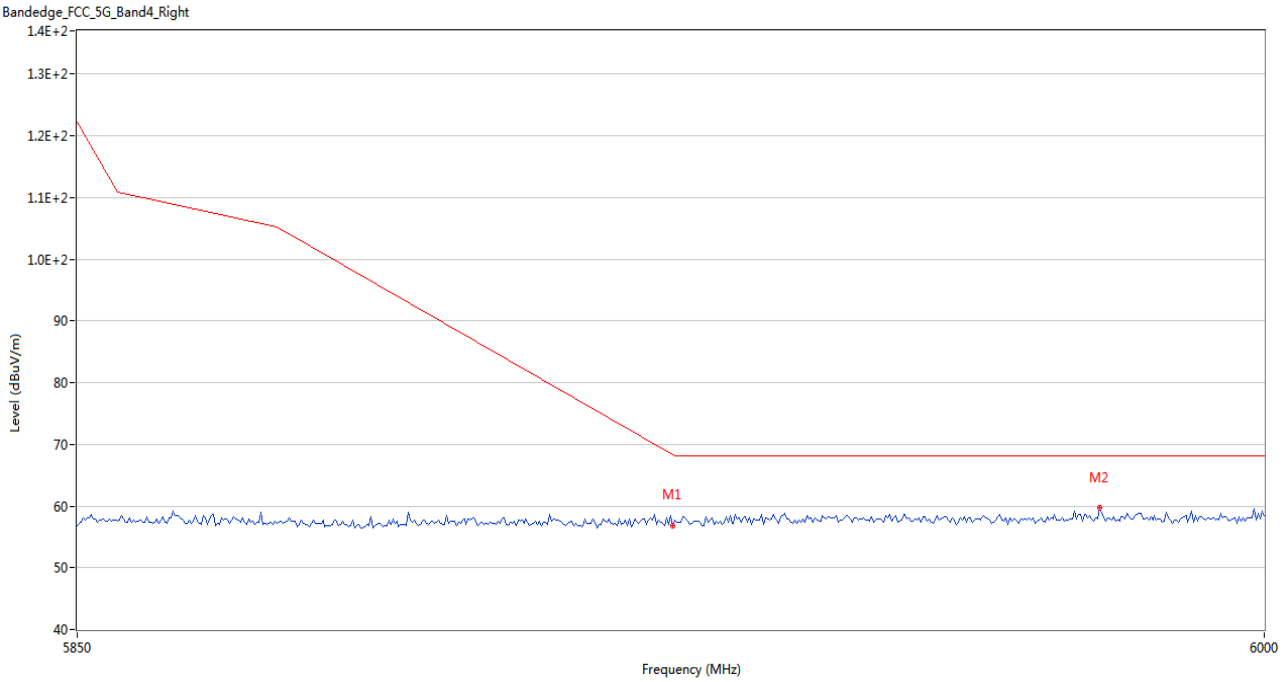
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.97	3.41	68.4	-10.43	Peak	142.00	150	Vertical	Pass
2	5973.750	59.76	4.81	68.2	-8.44	Peak	189.00	150	Vertical	Pass

U-NII-3 11ac20 CH149



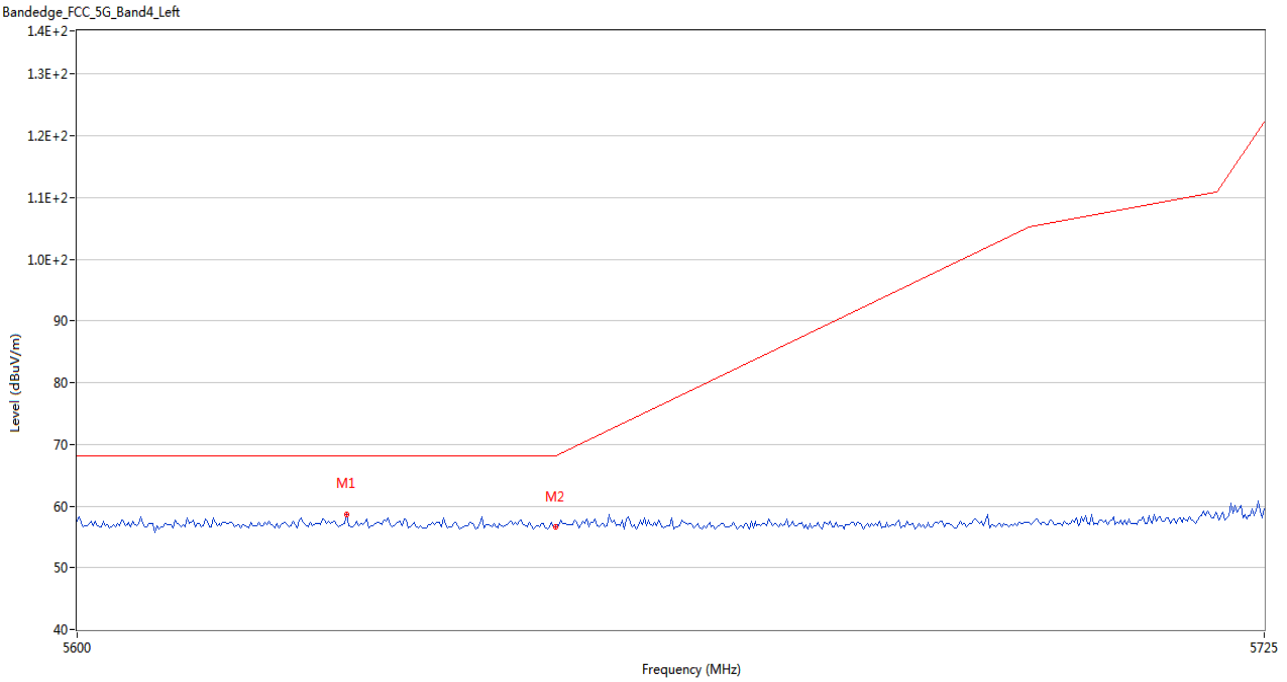
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5609.584	58.43	3.35	68.2	-9.77	Peak	147.00	200	Vertical	Pass
2	5650.000	56.95	3.60	68.2	-11.25	Peak	352.00	200	Vertical	Pass

U-NII-3 11ac20 CH165



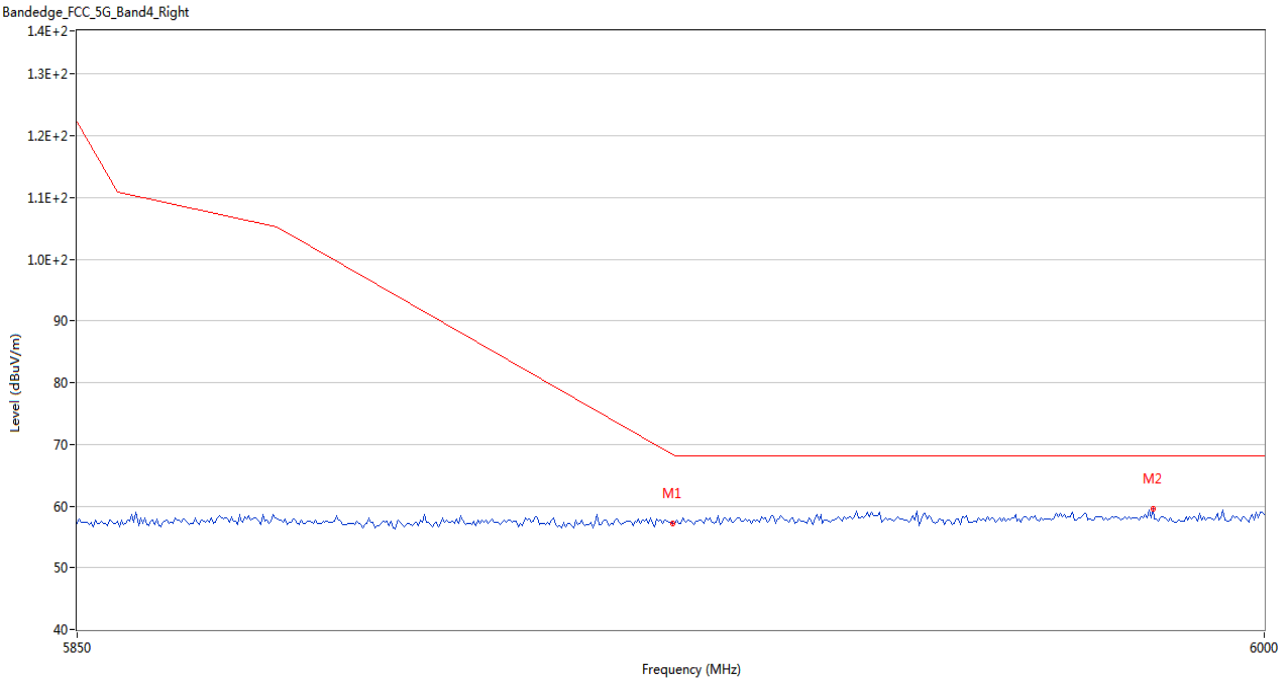
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.89	3.41	68.4	-11.51	Peak	50.00	100	Vertical	Pass
2	5979.000	59.74	4.53	68.2	-8.46	Peak	267.00	150	Vertical	Pass

U-NII-3 11ac40 CH151



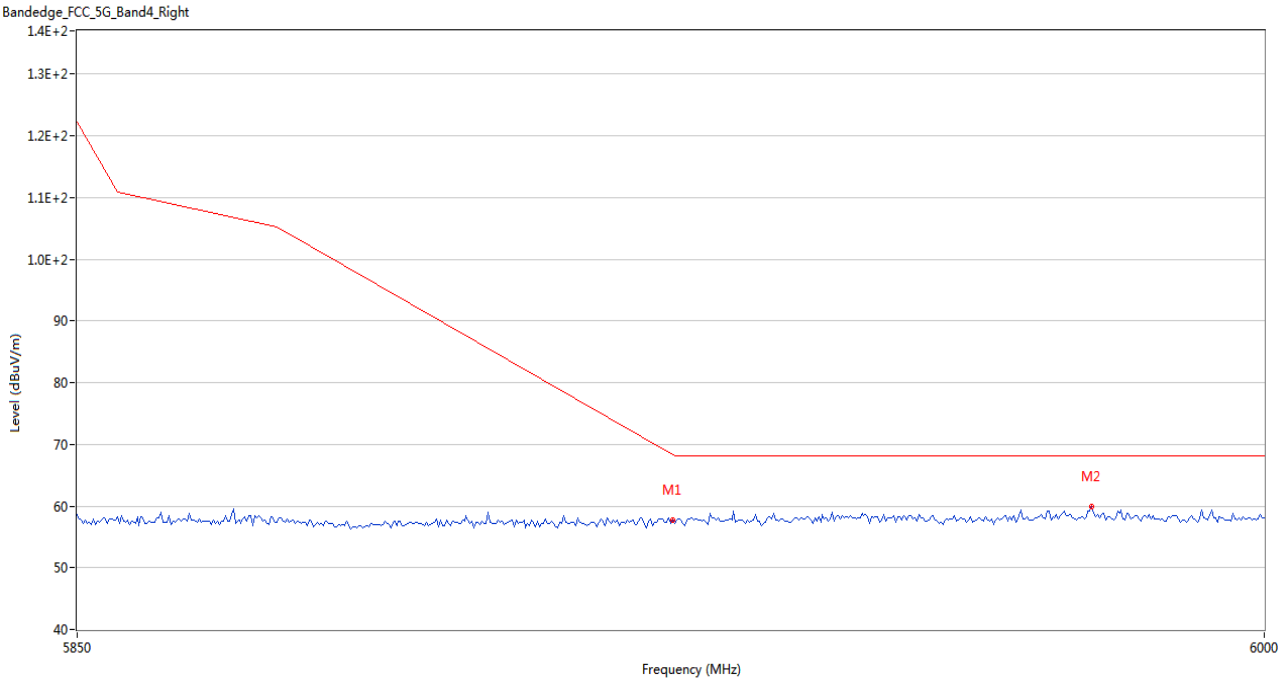
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5628.125	58.72	3.42	68.2	-9.48	Peak	18.00	150	Vertical	Pass
2	5650.000	56.53	3.60	68.2	-11.67	Peak	95.00	100	Vertical	Pass

U-NII-3 11ac40 CH159



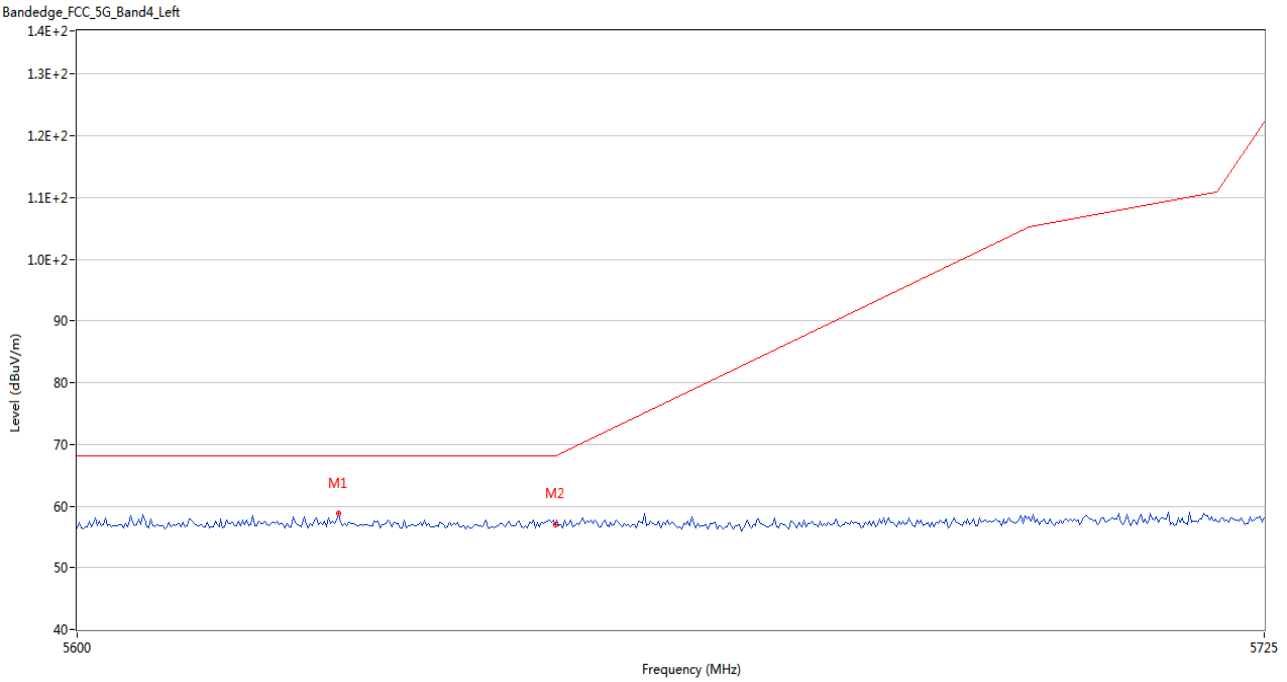
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.17	3.41	68.4	-11.23	Peak	349.00	100	Vertical	Pass
2	5985.750	59.47	4.36	68.2	-8.73	Peak	155.00	100	Vertical	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.72	3.41	68.4	-10.68	Peak	136.00	200	Vertical	Pass
2	5978.000	59.89	4.66	68.2	-8.31	Peak	180.00	200	Vertical	Pass

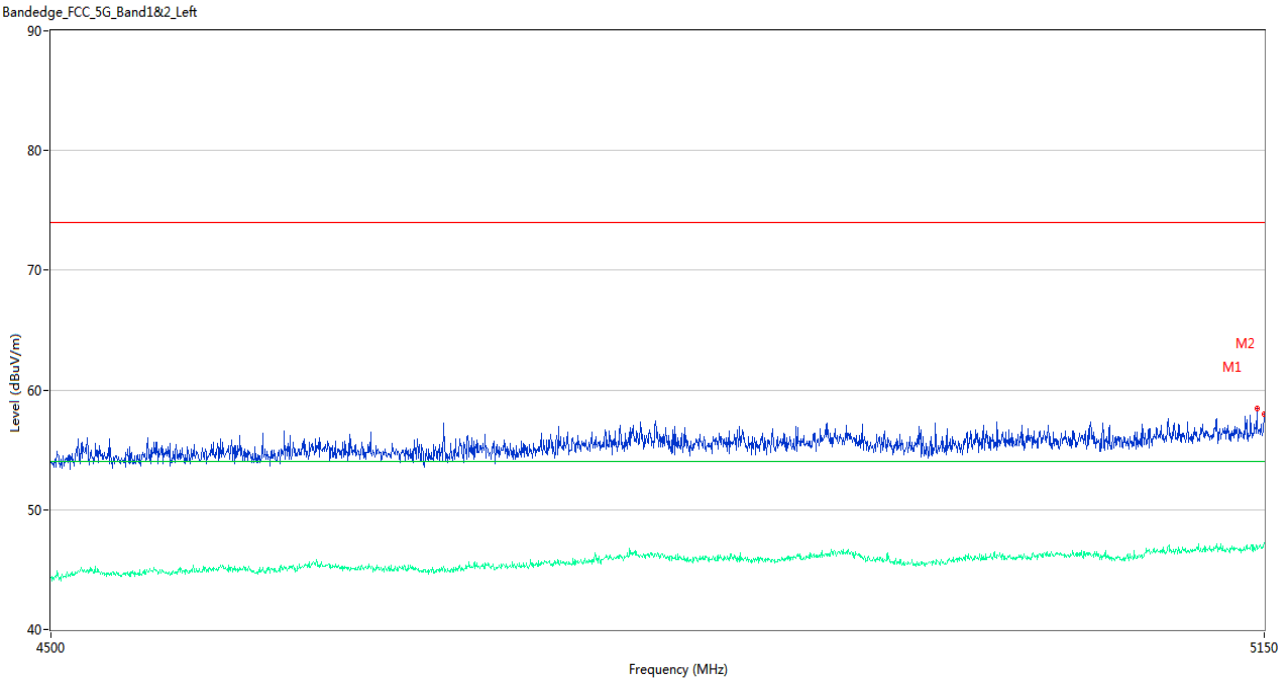
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.292	58.82	3.41	68.2	-9.38	Peak	133.00	150	Vertical	Pass
2	5650.000	57.03	3.60	68.2	-11.17	Peak	151.00	200	Vertical	Pass

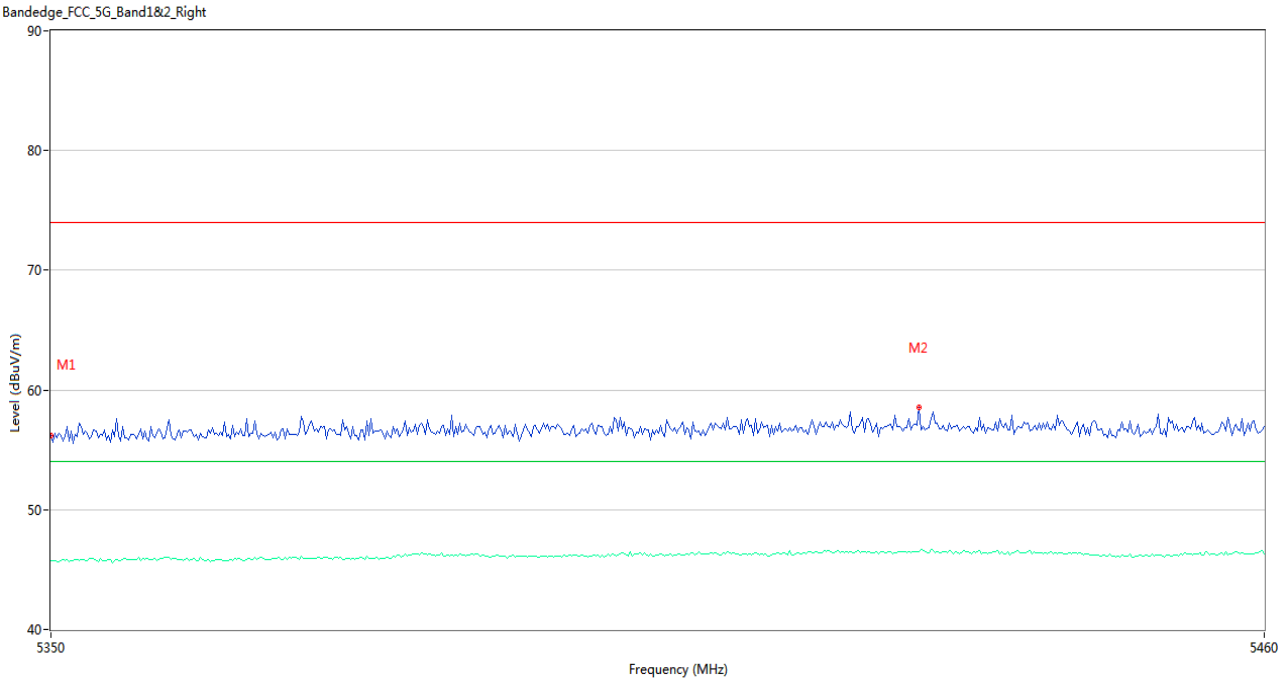
Aux. Antenna

U-NII-1 11a CH36



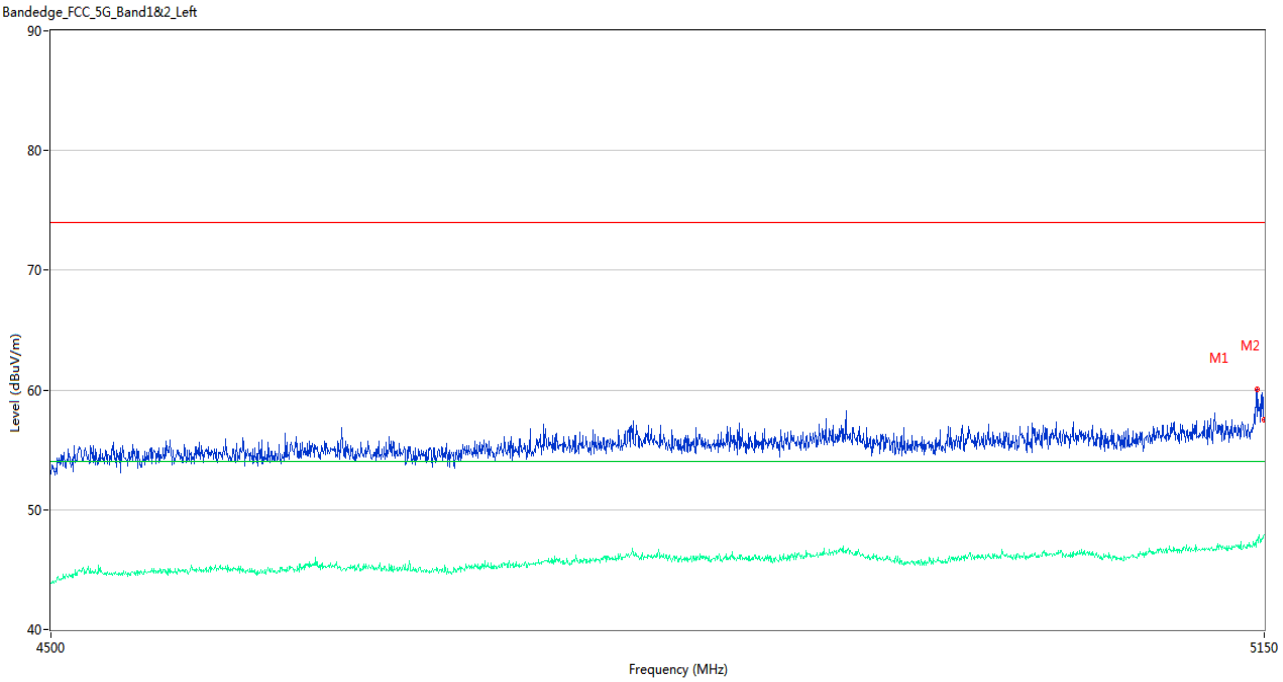
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	58.45	3.40	74.0	-15.55	Peak	93.00	150	Vertical	Pass
1**	5145.775	46.69	3.40	54.0	-7.31	AV	93.00	150	Vertical	Pass
2	5150.000	58.00	3.22	74.0	-16.00	Peak	298.00	150	Vertical	Pass
2**	5150.000	47.22	3.22	54.0	-6.78	AV	298.00	150	Vertical	Pass

U-NII-1 11a CH48



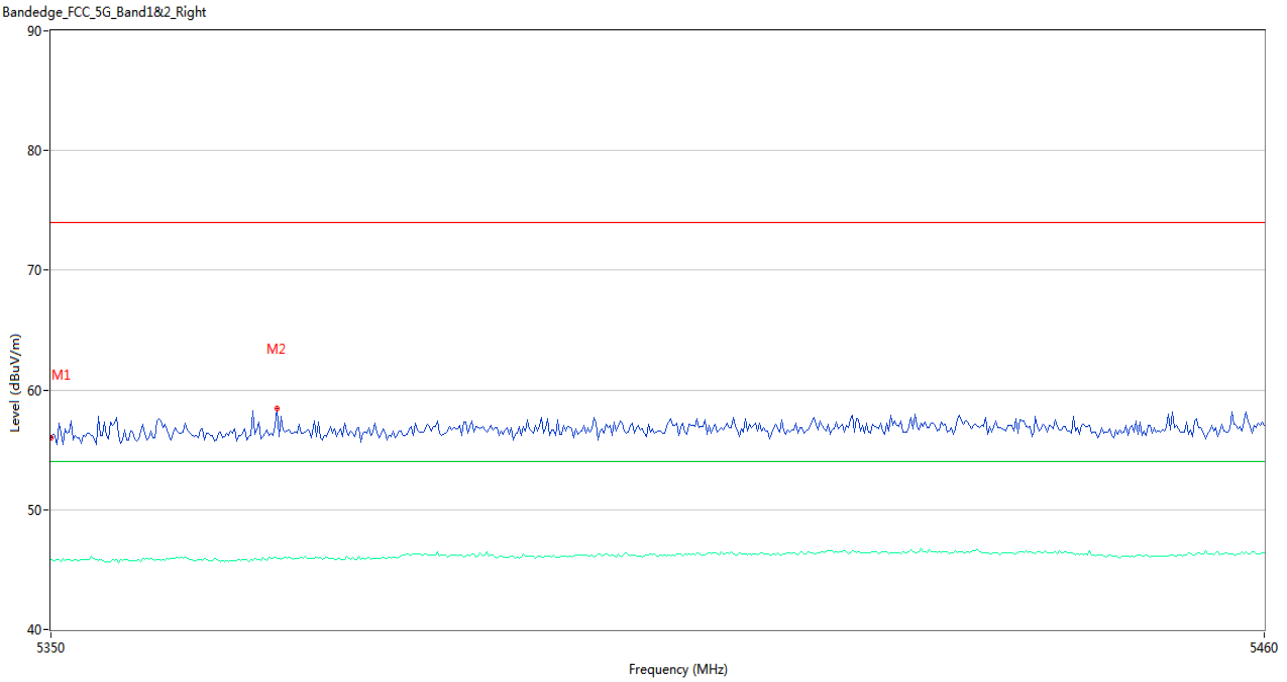
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.21	2.98	74.0	-17.79	Peak	360.00	100	Vertical	Pass
1**	5350.000	45.77	2.98	54.0	-8.23	AV	360.00	100	Vertical	Pass
2	5428.467	58.53	3.34	74.0	-15.47	Peak	173.00	200	Vertical	Pass
2**	5428.467	46.54	3.34	54.0	-7.46	AV	173.00	200	Vertical	Pass

U-NII-1 11n20 CH36



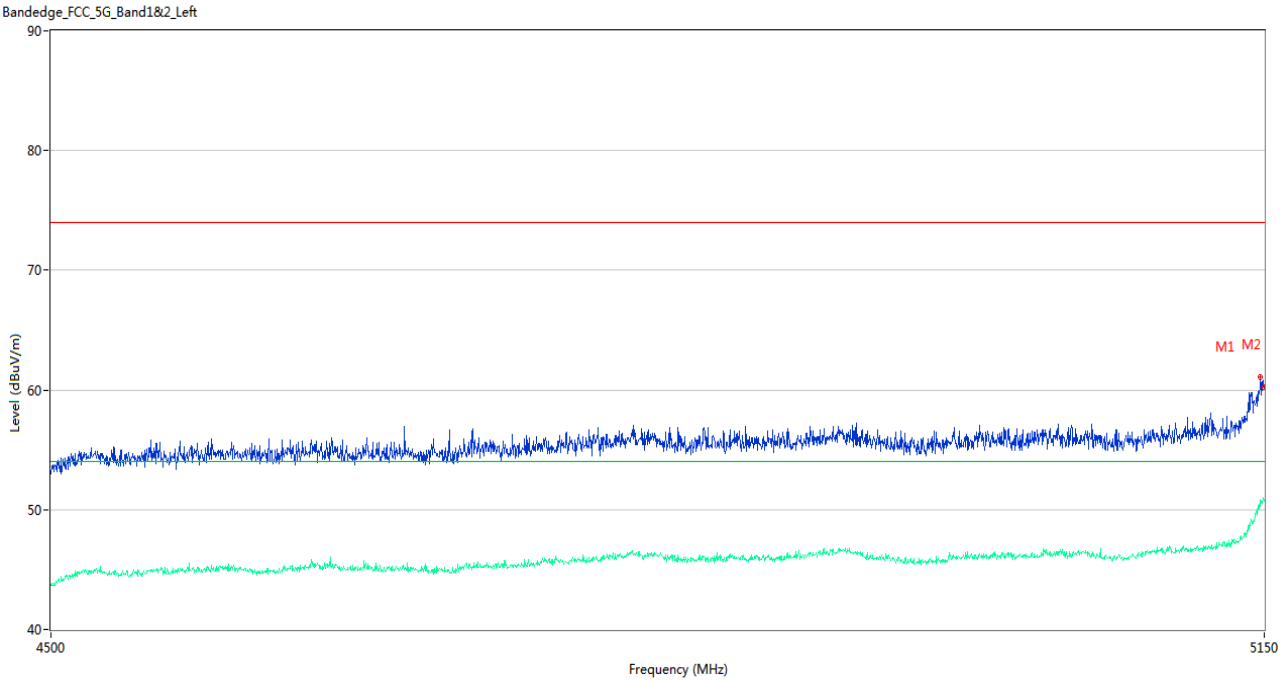
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	60.05	3.40	74.0	-13.95	Peak	360.00	100	Vertical	Pass
1**	5145.775	47.42	3.40	54.0	-6.58	AV	360.00	100	Vertical	Pass
2	5150.000	57.55	3.22	74.0	-16.45	Peak	244.00	150	Vertical	Pass
2**	5150.000	47.87	3.22	54.0	-6.13	AV	244.00	150	Vertical	Pass

U-NII-1 11n20 CH48



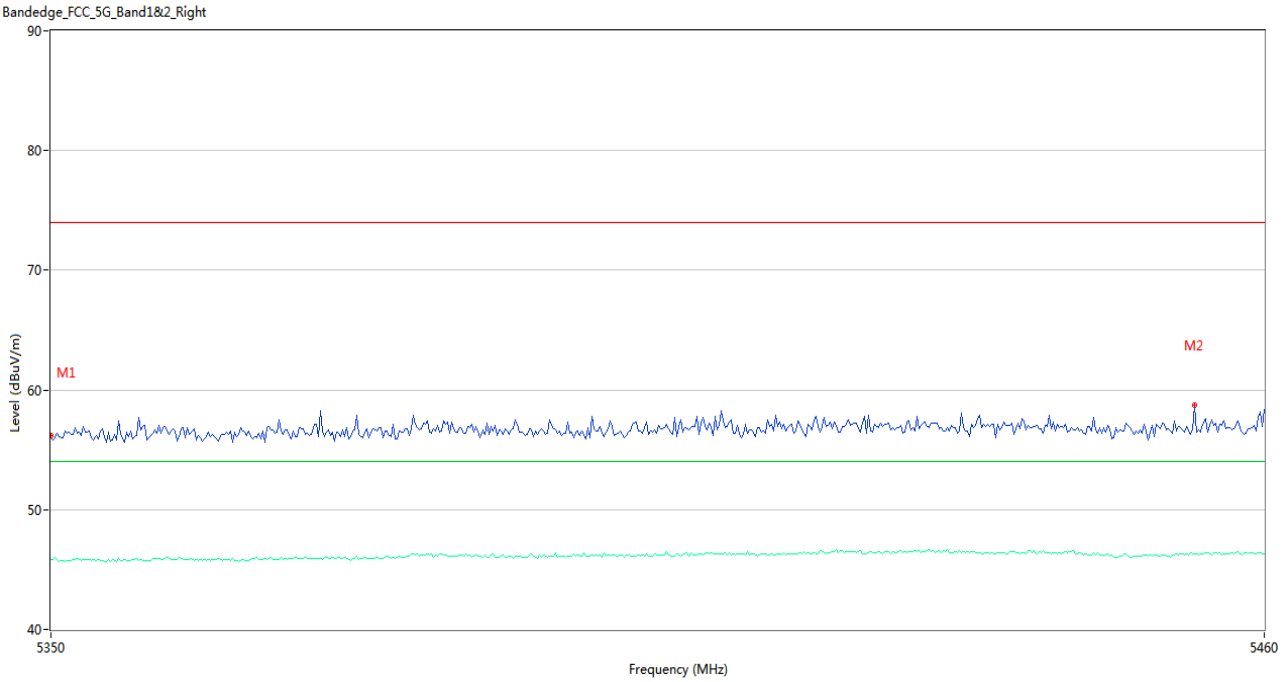
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.98	2.98	74.0	-18.02	Peak	315.00	100	Vertical	Pass
1**	5350.000	45.82	2.98	54.0	-8.18	AV	315.00	100	Vertical	Pass
2	5370.350	58.45	3.43	74.0	-15.55	Peak	25.00	150	Vertical	Pass
2**	5370.350	45.91	3.43	54.0	-8.09	AV	25.00	150	Vertical	Pass

U-NII-1 11n40 CH38



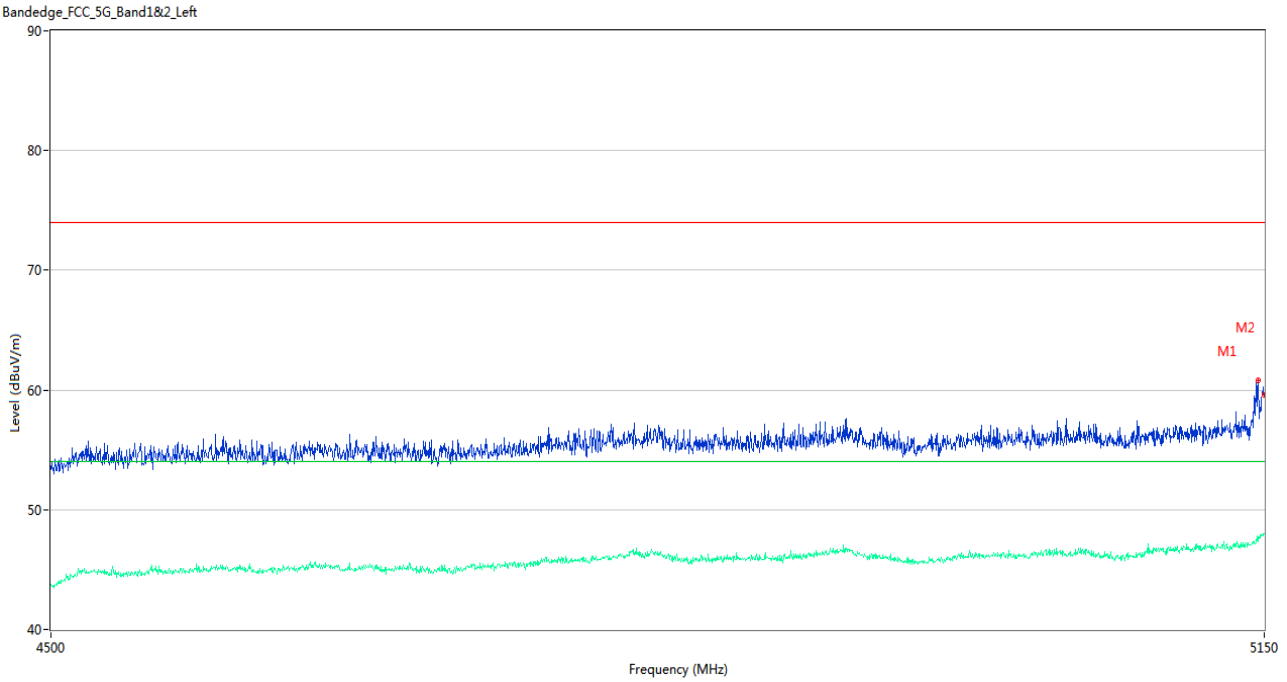
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	61.07	3.37	74.0	-12.93	Peak	295.00	150	Vertical	Pass
1**	5147.725	50.31	3.37	54.0	-3.69	AV	295.00	150	Vertical	Pass
2	5150.000	60.28	3.22	74.0	-13.72	Peak	0.00	150	Vertical	Pass
2**	5150.000	50.74	3.22	54.0	-3.26	AV	0.00	150	Vertical	Pass

U-NII-1 11n40 CH46



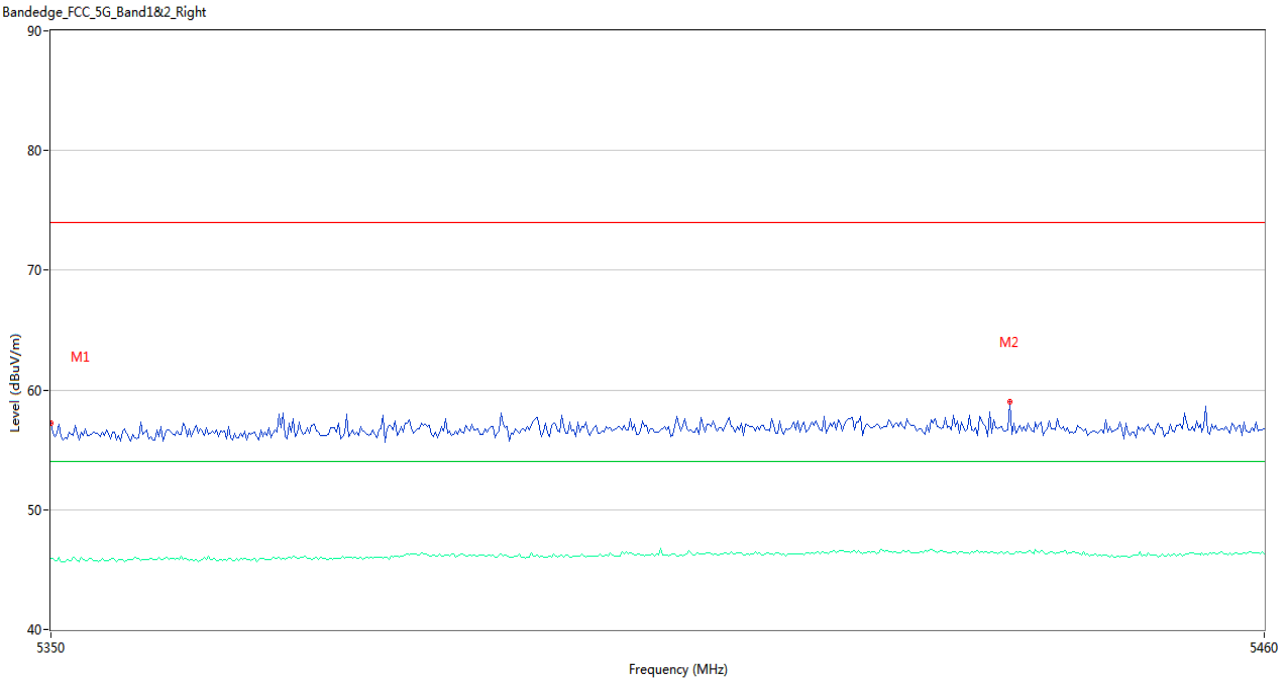
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.18	2.98	74.0	-17.82	Peak	130.00	100	Vertical	Pass
1**	5350.000	45.84	2.98	54.0	-8.16	AV	130.00	100	Vertical	Pass
2	5453.583	58.76	3.83	74.0	-15.24	Peak	53.00	150	Vertical	Pass
2**	5453.583	46.28	3.83	54.0	-7.72	AV	53.00	150	Vertical	Pass

U-NII-1 11ac20 CH36



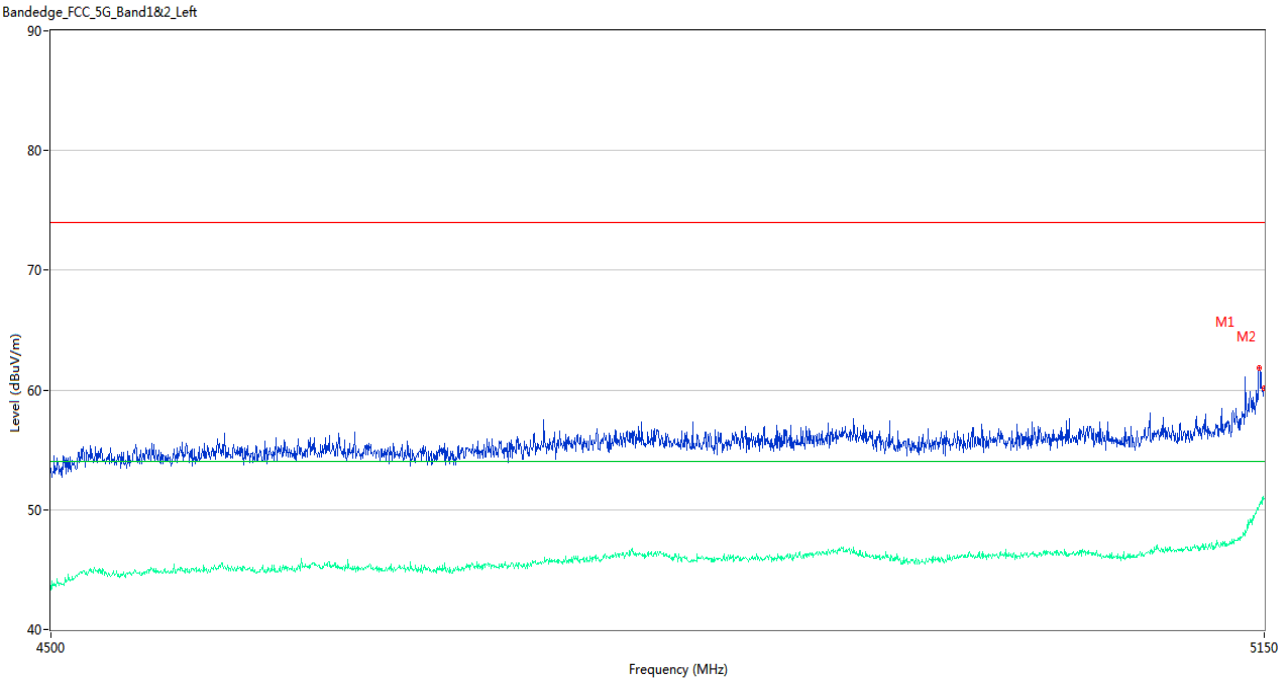
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	60.81	3.39	74.0	-13.19	Peak	299.00	100	Vertical	Pass
1**	5146.750	47.74	3.39	54.0	-6.26	AV	299.00	100	Vertical	Pass
2	5150.000	59.62	3.22	74.0	-14.38	Peak	350.00	150	Vertical	Pass
2**	5150.000	47.99	3.22	54.0	-6.01	AV	350.00	150	Vertical	Pass

U-NII-1 11ac20 CH48



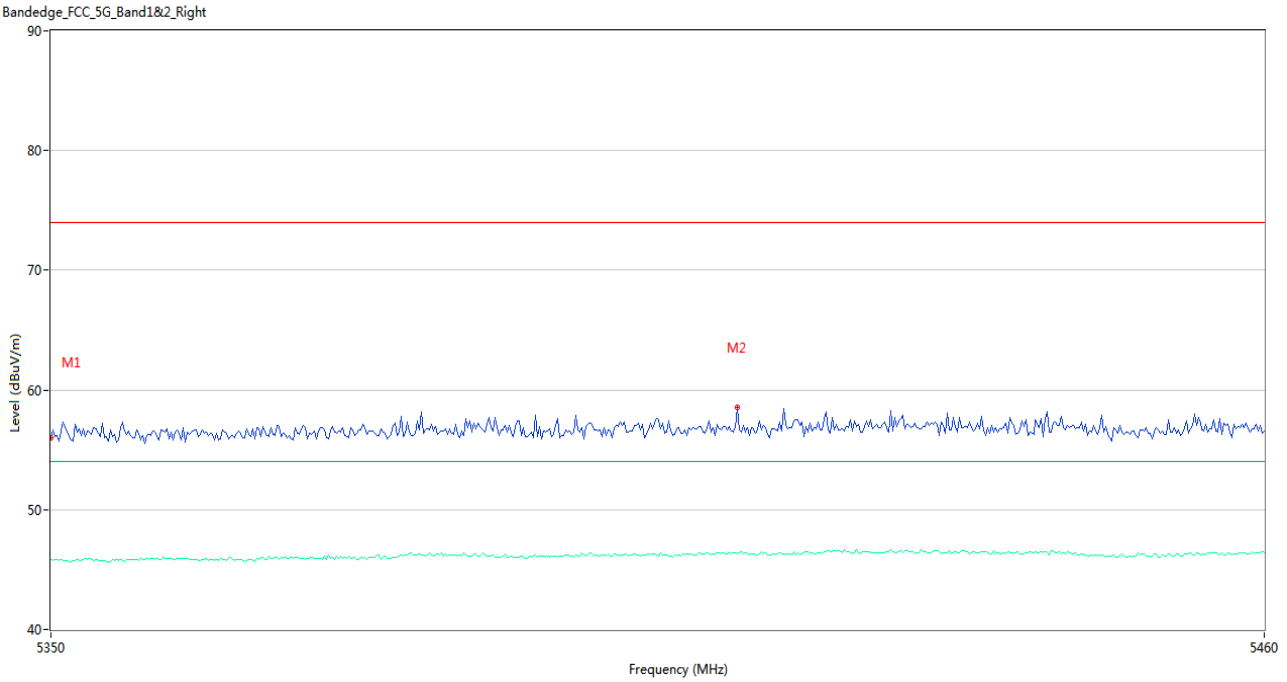
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.22	2.98	74.0	-16.78	Peak	265.00	150	Vertical	Pass
1**	5350.000	45.89	2.98	54.0	-8.11	AV	265.00	150	Vertical	Pass
2	5436.717	59.02	3.44	74.0	-14.98	Peak	20.00	100	Vertical	Pass
2**	5436.717	46.34	3.44	54.0	-7.66	AV	20.00	100	Vertical	Pass

U-NII-1 11ac40 CH38



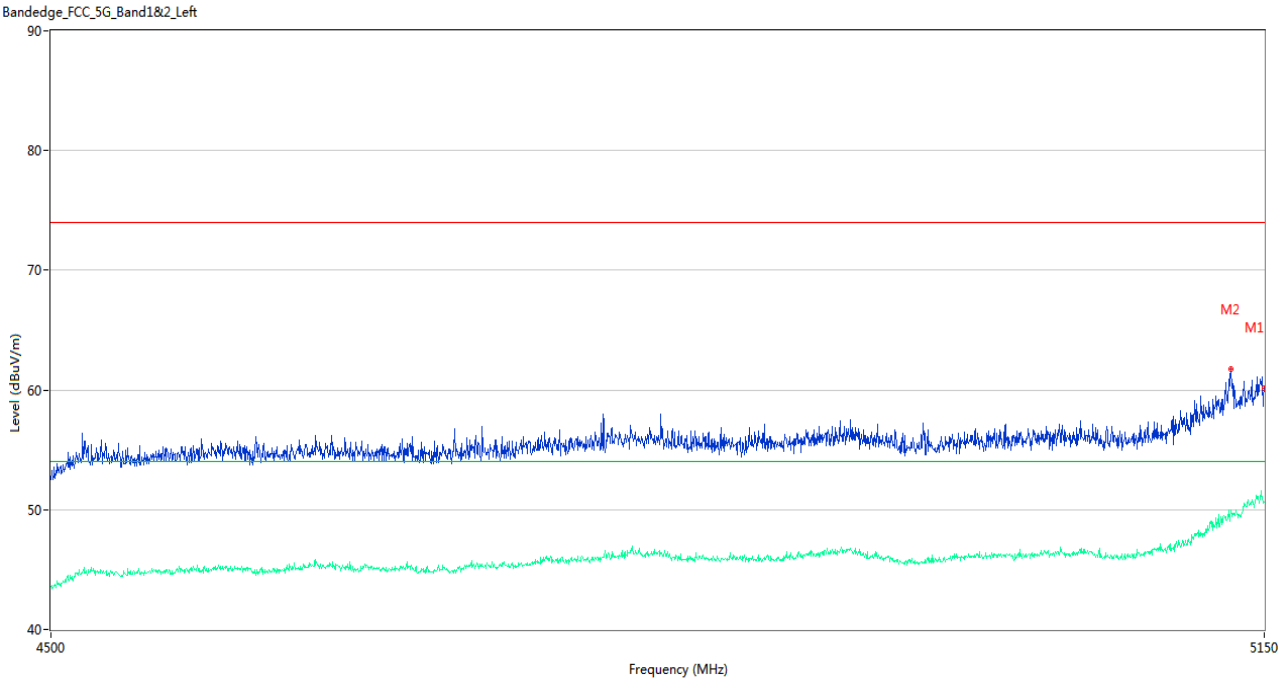
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	61.81	3.38	74.0	-12.19	Peak	293.00	200	Vertical	Pass
1**	5147.075	50.47	3.38	54.0	-3.53	AV	293.00	200	Vertical	Pass
2	5150.000	60.18	3.22	74.0	-13.82	Peak	344.00	150	Vertical	Pass
2**	5150.000	50.96	3.22	54.0	-3.04	AV	344.00	150	Vertical	Pass

U-NII-1 11ac40 CH46



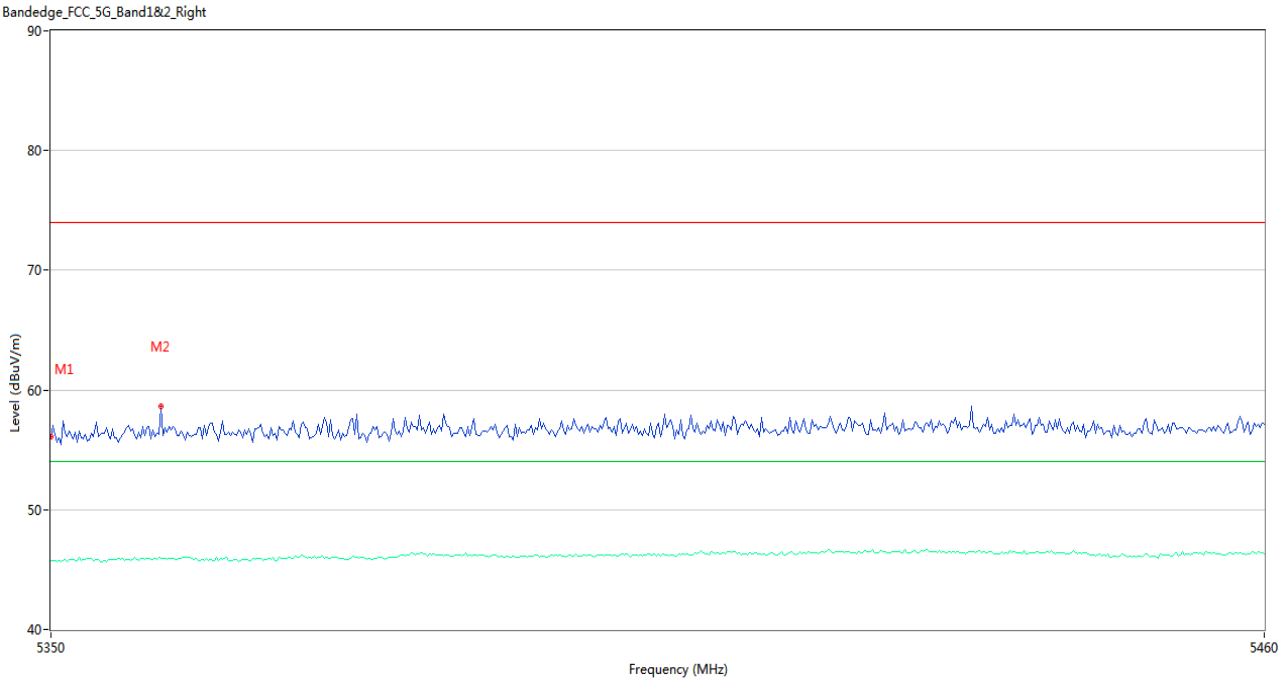
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.04	2.98	74.0	-17.96	Peak	272.00	100	Vertical	Pass
1**	5350.000	45.81	2.98	54.0	-8.19	AV	272.00	100	Vertical	Pass
2	5411.967	58.56	3.29	74.0	-15.44	Peak	360.00	200	Vertical	Pass
2**	5411.967	46.28	3.29	54.0	-7.72	AV	360.00	200	Vertical	Pass

U-NII-1 11ac80 CH42



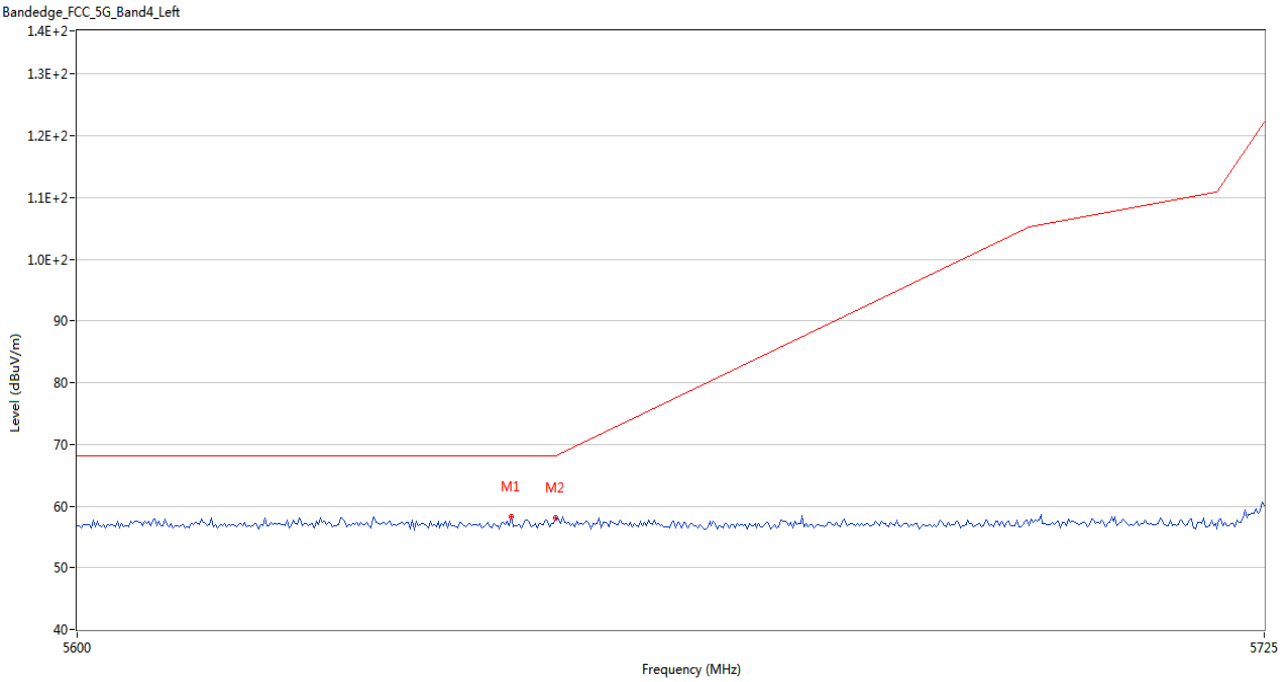
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.17	3.22	74.0	-13.83	Peak	300.00	150	Vertical	Pass
1**	5150.000	50.65	3.22	54.0	-3.35	AV	300.00	150	Vertical	Pass
2	5131.150	61.75	3.69	74.0	-12.25	Peak	360.00	150	Vertical	Pass
2**	5131.150	49.97	3.69	54.0	-4.03	AV	360.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



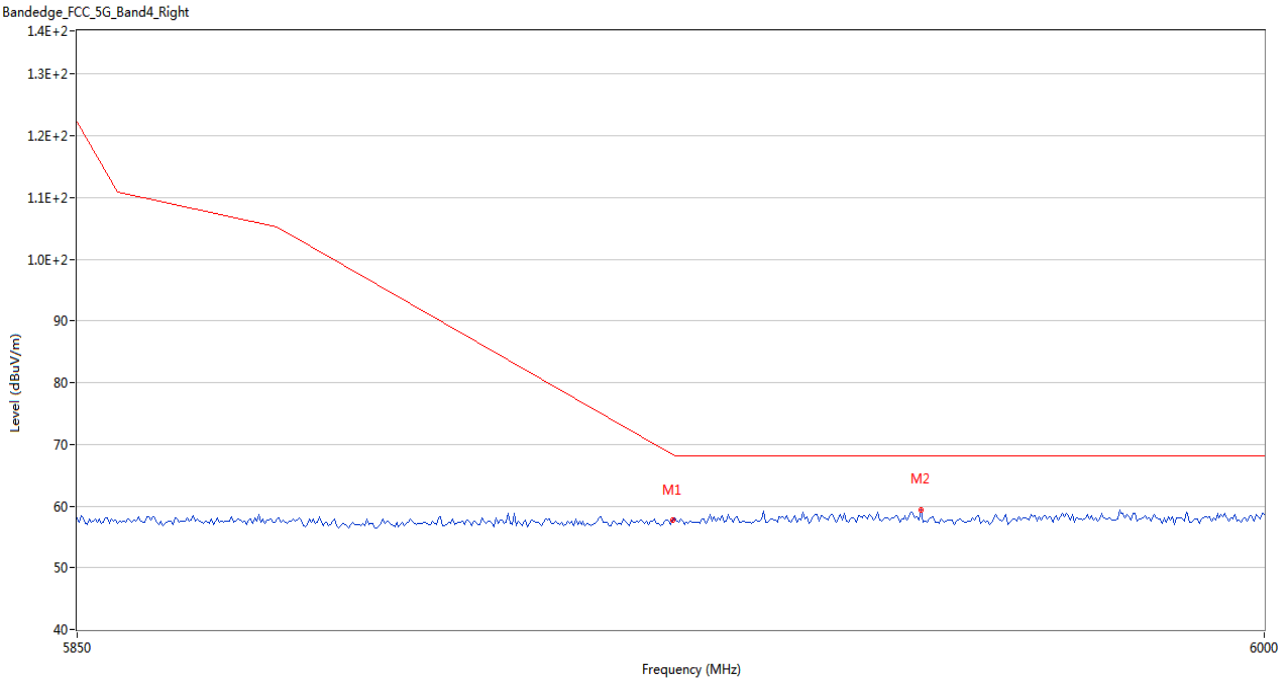
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.10	2.98	74.0	-17.90	Peak	32.00	100	Vertical	Pass
1**	5350.000	45.78	2.98	54.0	-8.22	AV	32.00	100	Vertical	Pass
2	5359.900	58.63	3.41	74.0	-15.37	Peak	57.00	100	Vertical	Pass
2**	5359.900	45.92	3.41	54.0	-8.08	AV	57.00	100	Vertical	Pass

U-NII-3 11a CH149



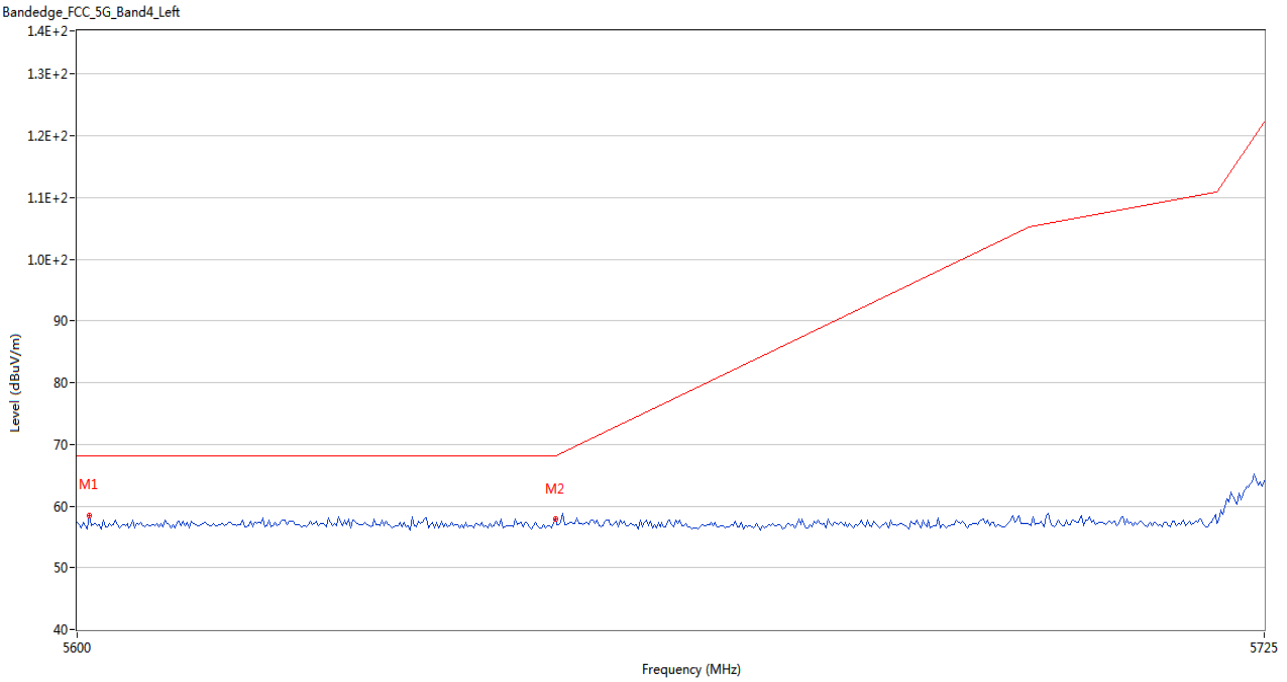
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.416	58.25	3.48	68.2	-9.95	Peak	163.00	150	Vertical	Pass
2	5650.000	58.01	3.60	68.2	-10.19	Peak	307.00	200	Vertical	Pass

U-NII-3 11a CH165



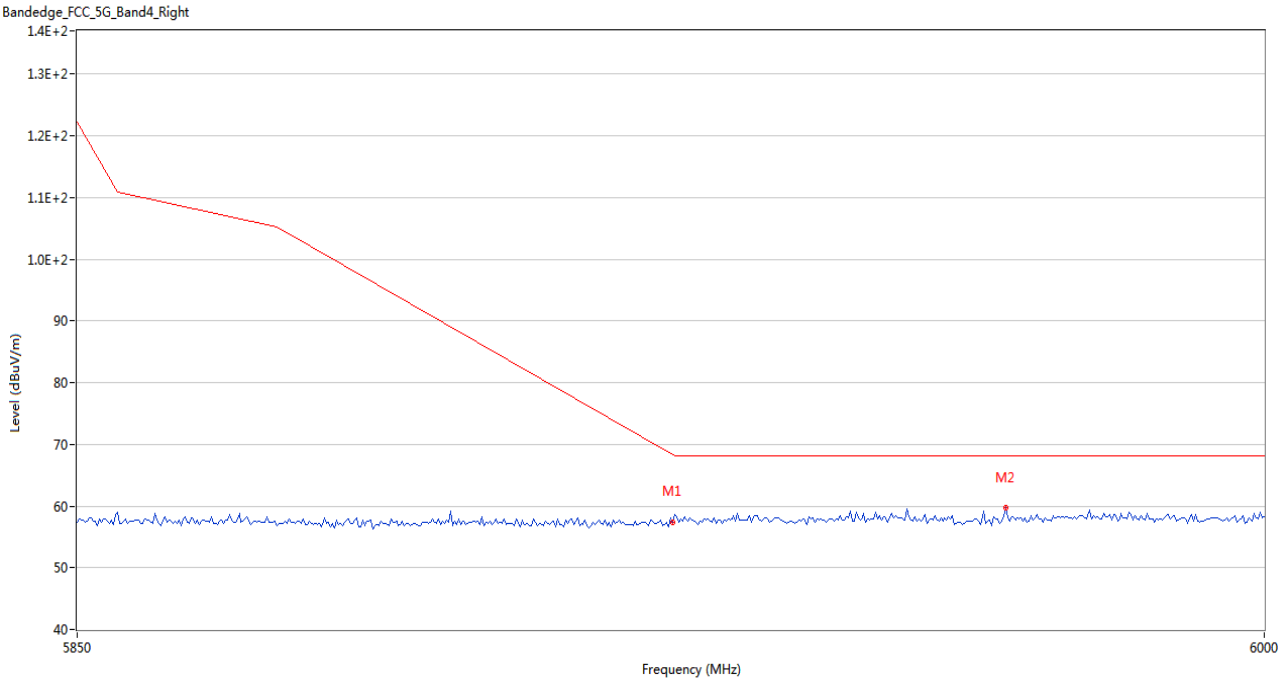
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.73	3.41	68.4	-10.67	Peak	104.00	150	Vertical	Pass
2	5956.250	59.41	4.73	68.2	-8.79	Peak	104.00	200	Vertical	Pass

U-NII-3 11n20 CH149



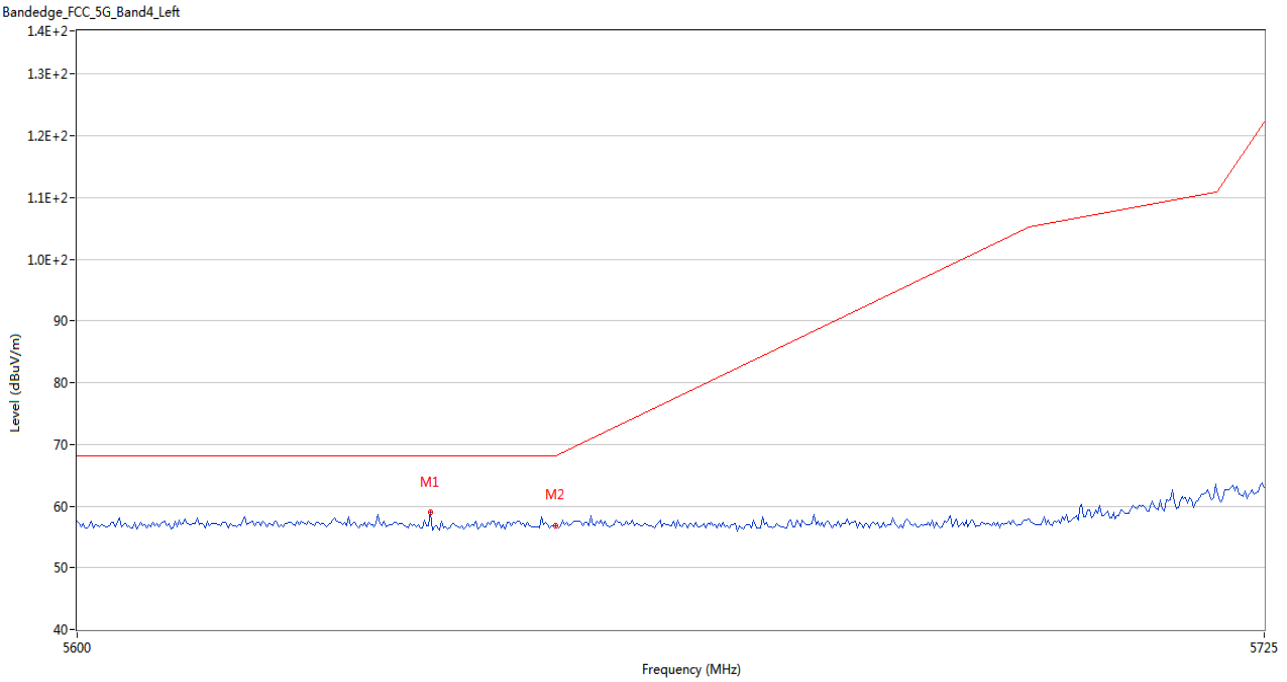
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5601.250	58.52	3.43	68.2	-9.68	Peak	222.00	100	Vertical	Pass
2	5650.000	57.81	3.60	68.2	-10.39	Peak	290.00	150	Vertical	Pass

U-NII-3 11n20 CH165



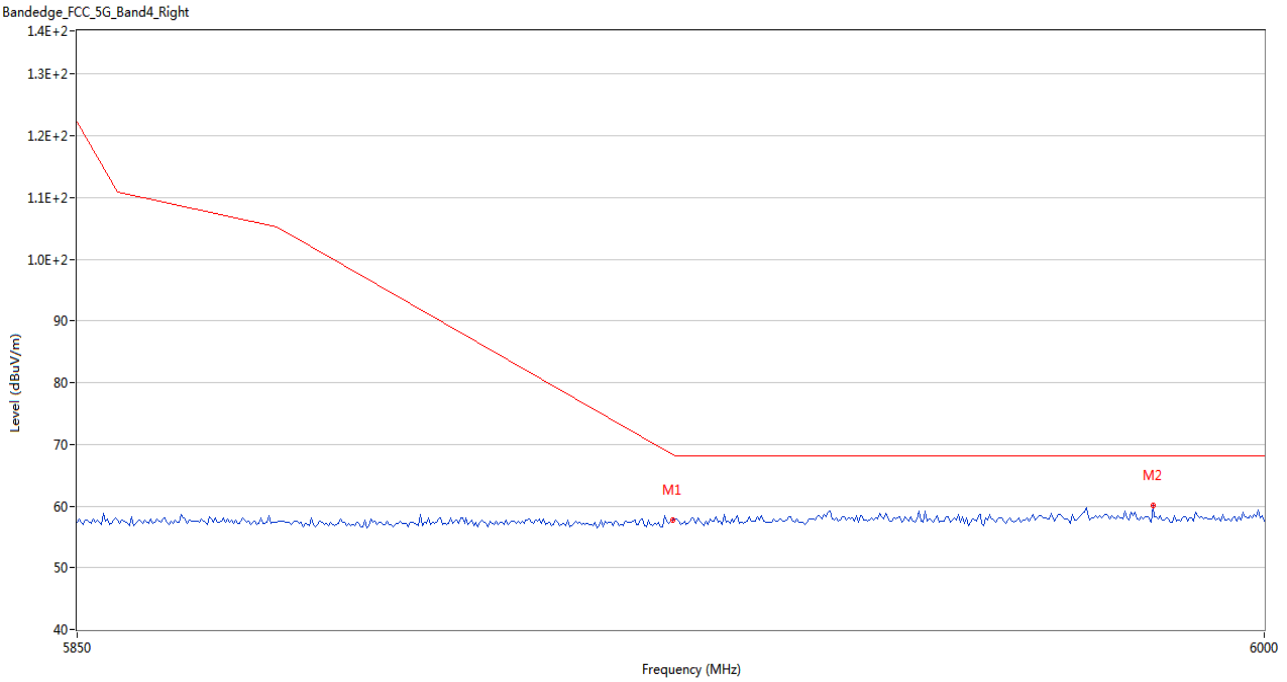
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.42	3.41	68.4	-10.98	Peak	110.00	150	Vertical	Pass
2	5967.000	59.64	4.91	68.2	-8.56	Peak	95.00	100	Vertical	Pass

U-NII-3 11n40 CH151



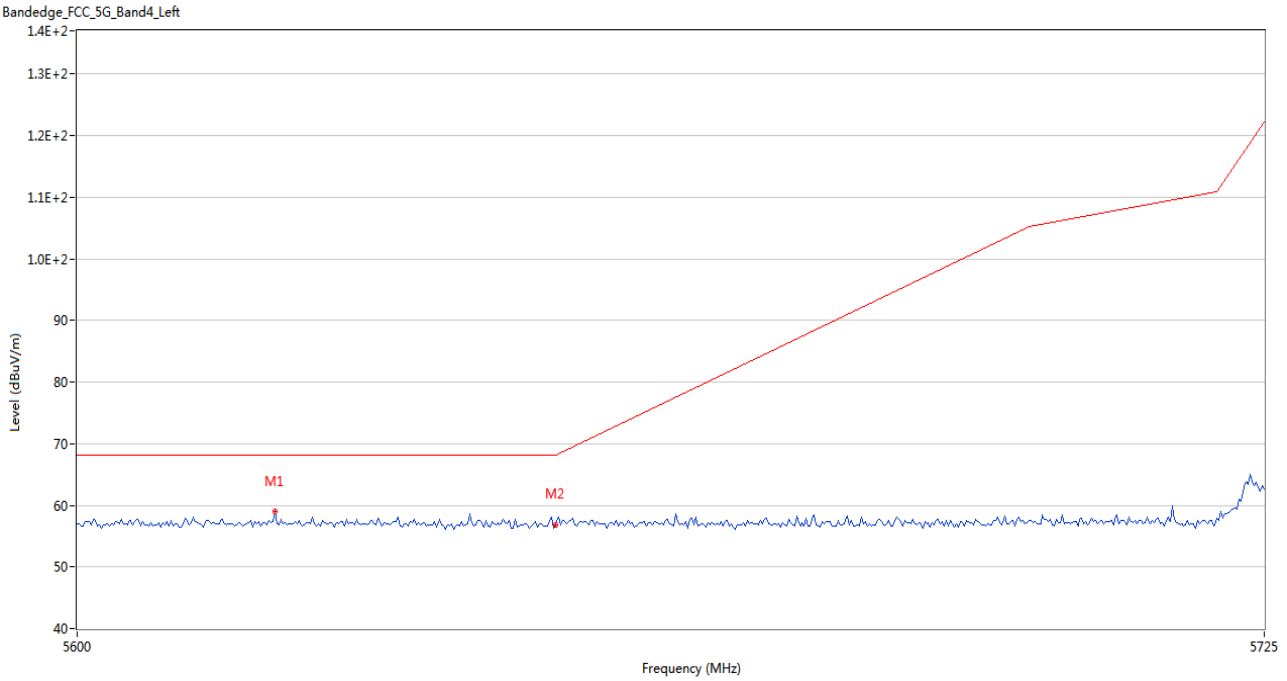
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.875	58.96	3.37	68.2	-9.24	Peak	0.00	100	Vertical	Pass
2	5650.000	56.85	3.60	68.2	-11.35	Peak	74.00	200	Vertical	Pass

U-NII-3 11n40 CH159



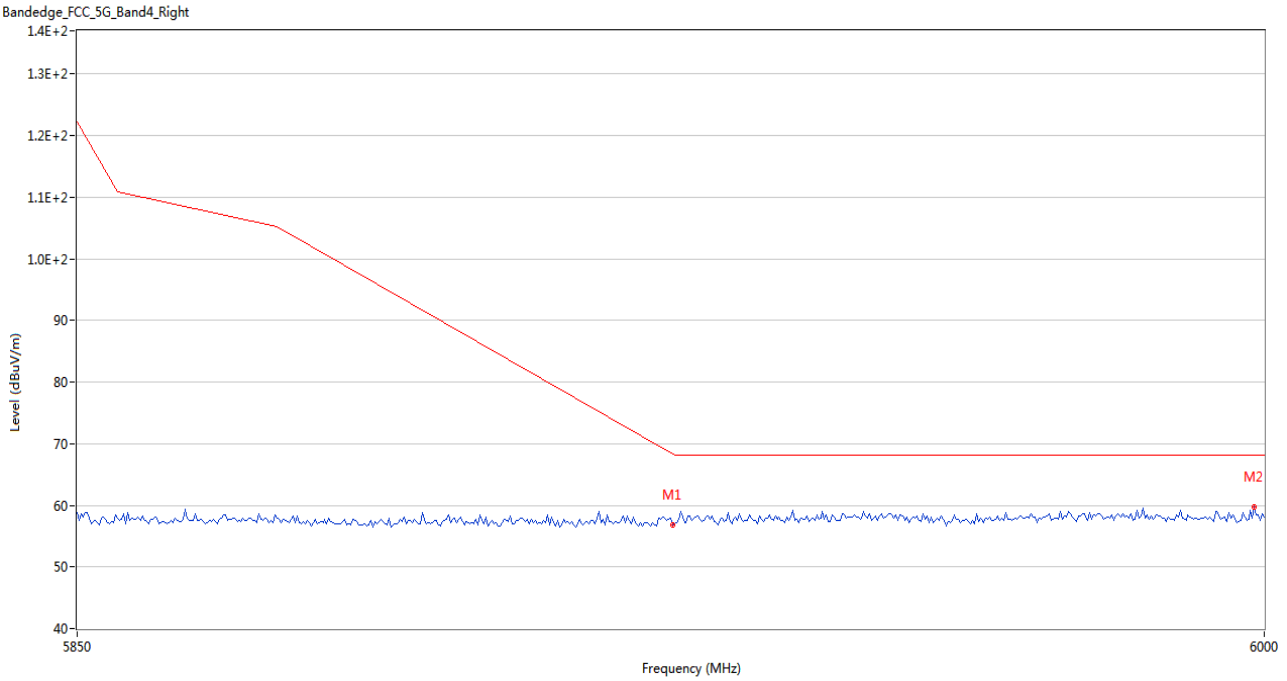
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.63	3.41	68.4	-10.77	Peak	1.00	150	Vertical	Pass
2	5985.750	60.08	4.36	68.2	-8.12	Peak	107.00	200	Vertical	Pass

U-NII-3 11ac20 CH149



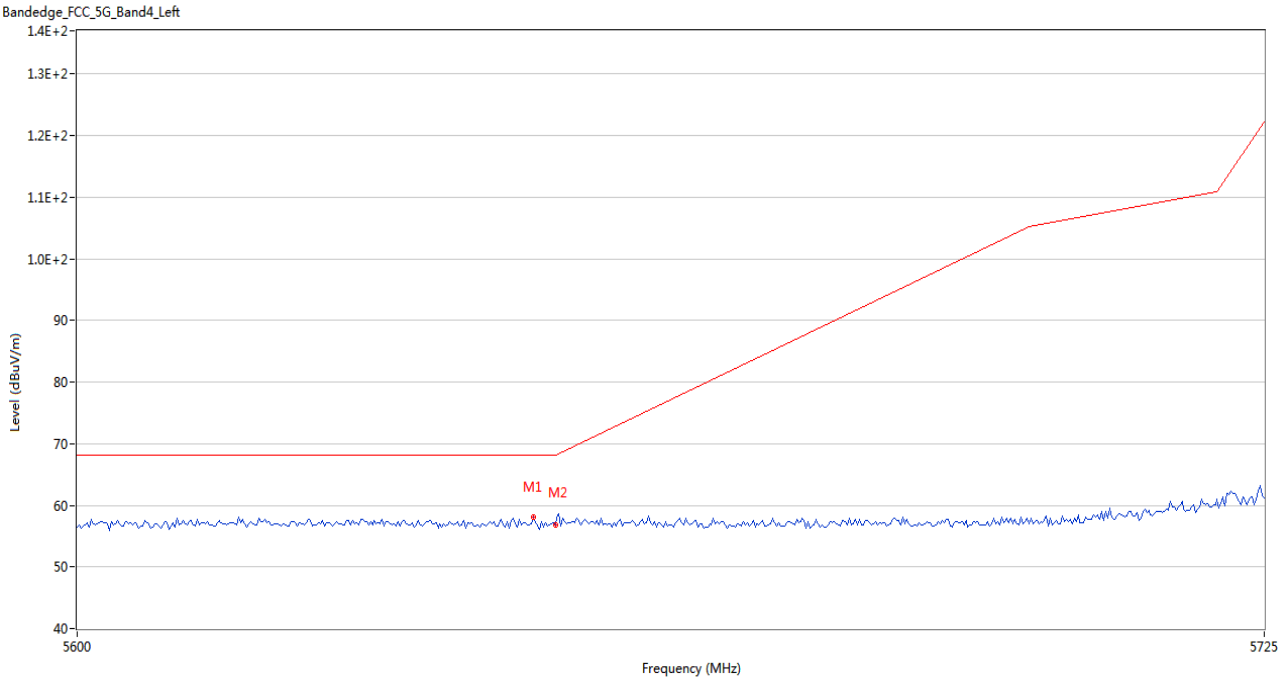
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5620.625	58.92	3.39	68.2	-9.28	Peak	341.00	100	Vertical	Pass
2	5650.000	56.86	3.60	68.2	-11.34	Peak	280.00	150	Vertical	Pass

U-NII-3 11ac20 CH165



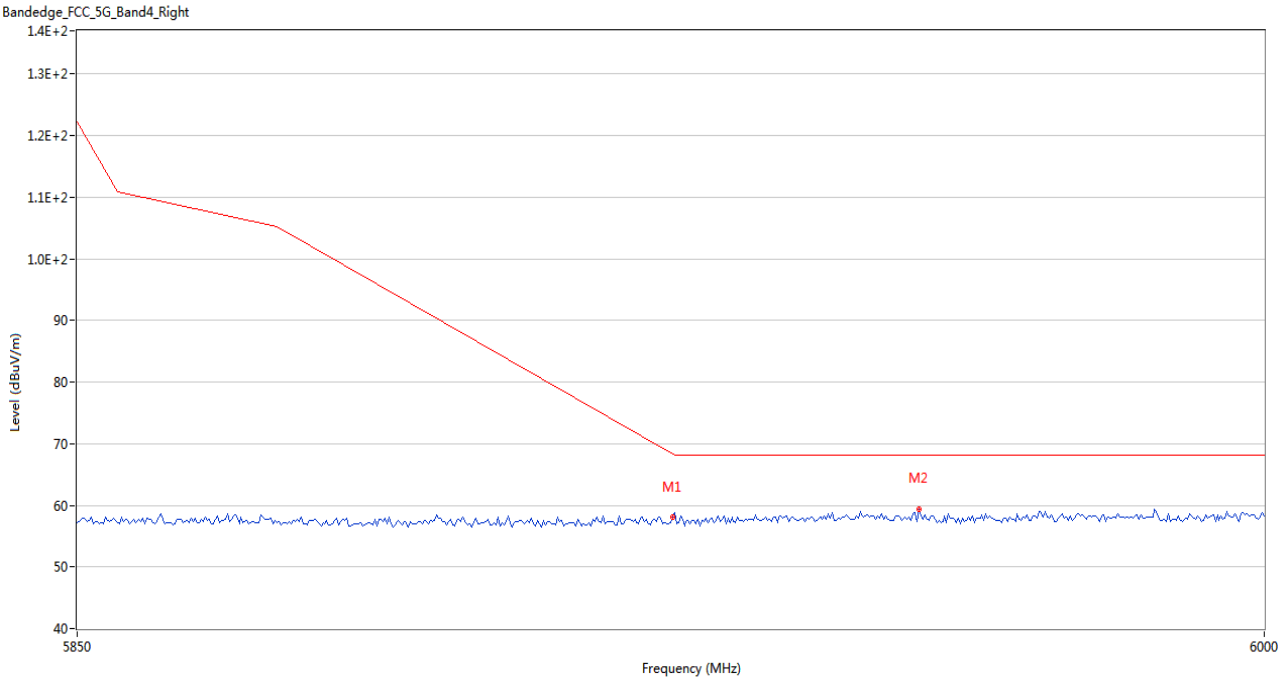
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.73	3.41	68.4	-11.67	Peak	278.00	150	Vertical	Pass
2	5998.750	59.64	4.58	68.2	-8.56	Peak	304.00	150	Vertical	Pass

U-NII-3 11ac40 CH151



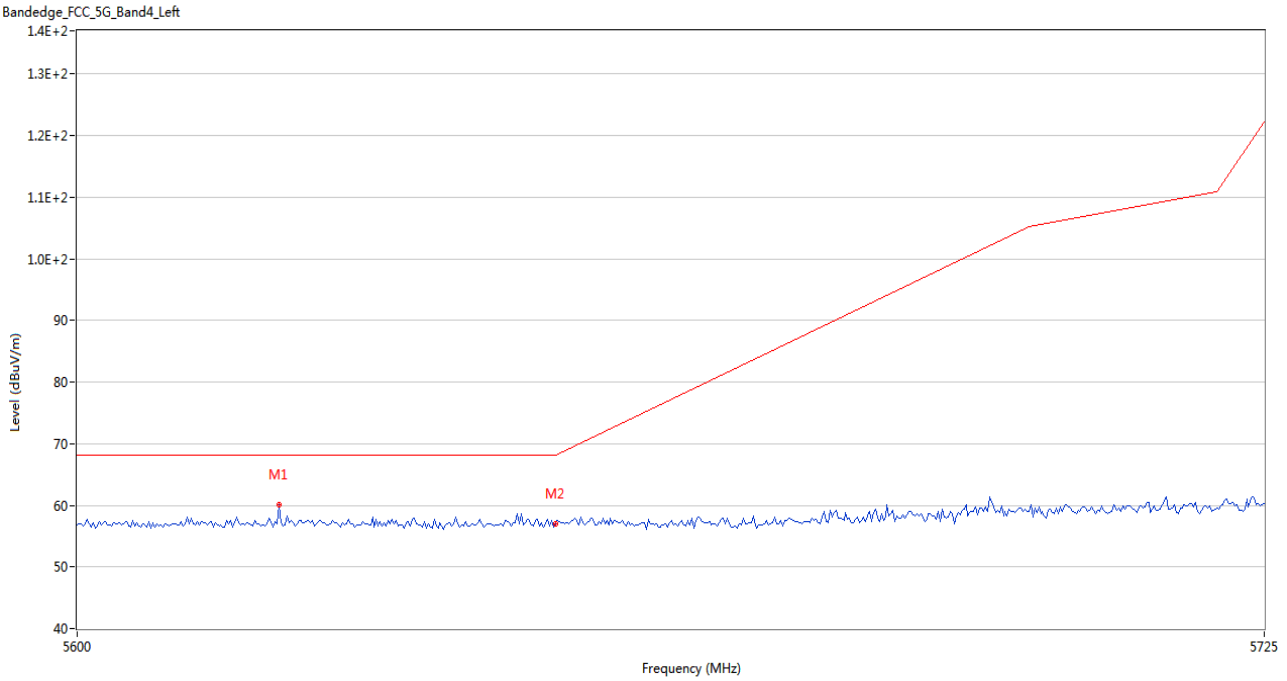
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.709	58.10	3.42	68.2	-10.10	Peak	156.00	150	Vertical	Pass
2	5650.000	56.83	3.60	68.2	-11.37	Peak	146.00	200	Vertical	Pass

U-NII-3 11ac40 CH159



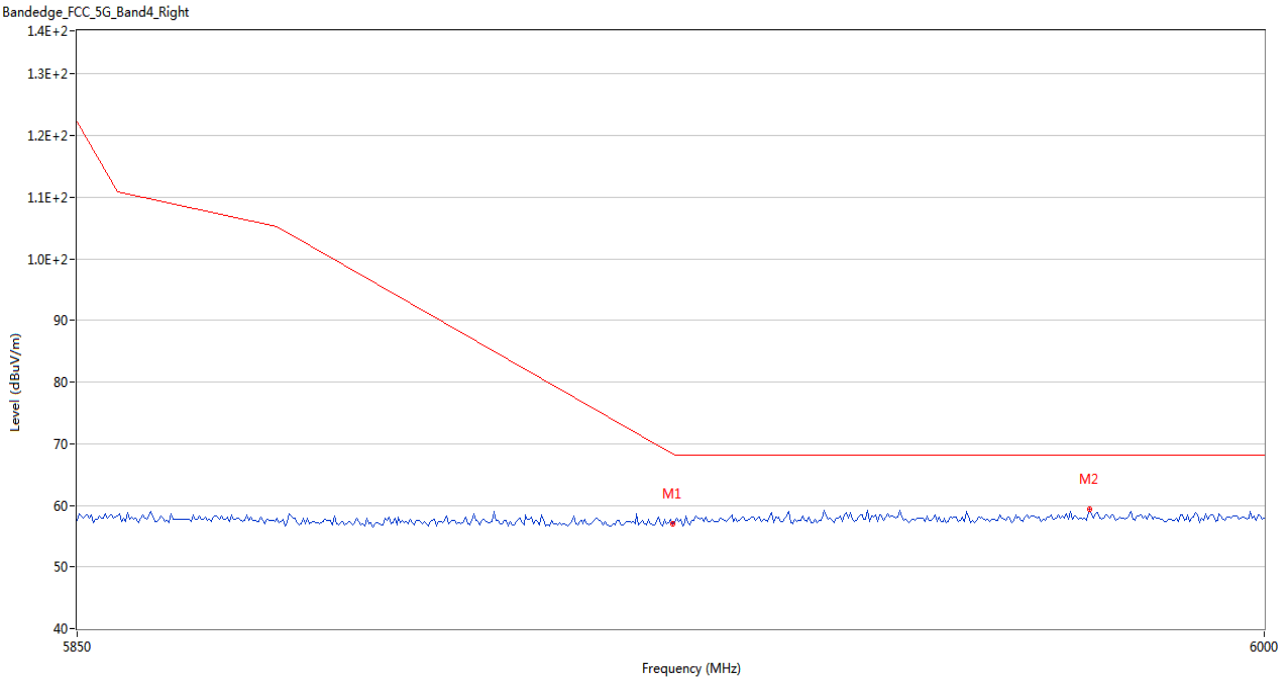
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	58.06	3.41	68.4	-10.34	Peak	161.00	100	Vertical	Pass
2	5956.000	59.41	4.73	68.2	-8.79	Peak	143.00	150	Vertical	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5621.042	60.07	3.39	68.2	-8.13	Peak	360.00	100	Vertical	Pass
2	5650.000	56.93	3.60	68.2	-11.27	Peak	318.00	100	Vertical	Pass

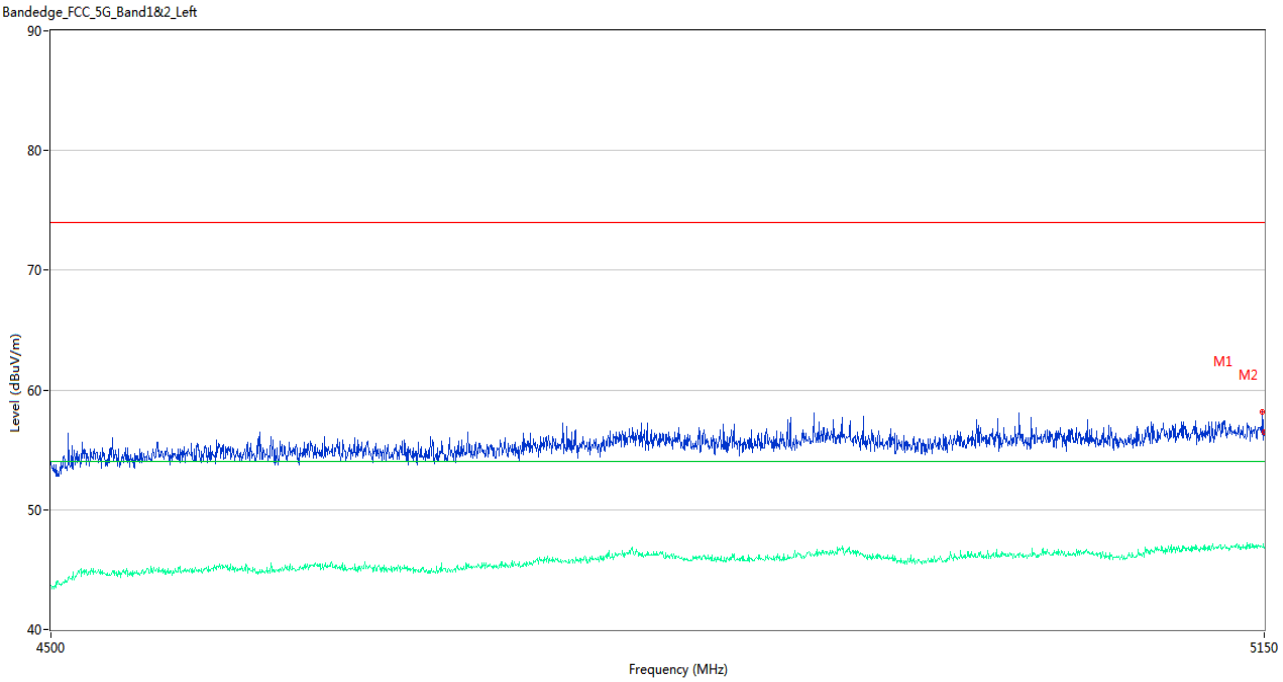
U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.95	3.41	68.4	-11.45	Peak	12.00	200	Vertical	Pass
2	5977.750	59.31	4.69	68.2	-8.89	Peak	298.00	150	Vertical	Pass

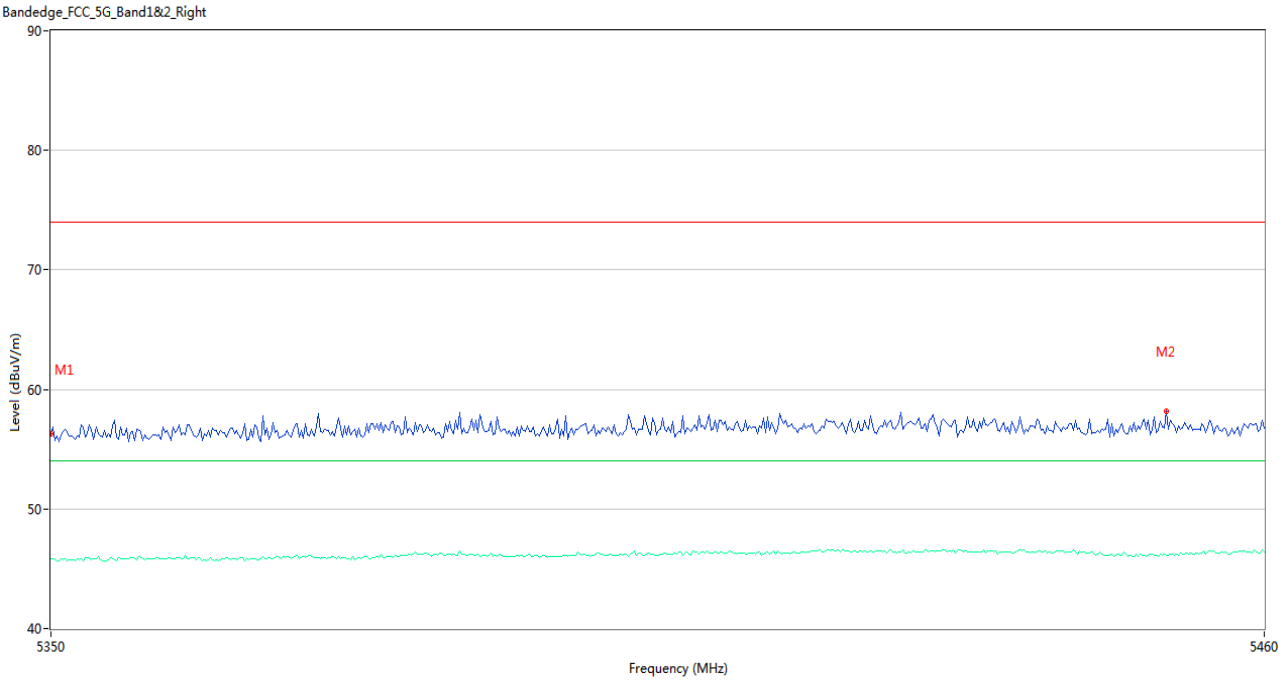
MIMO

U-NII-1 11n20 CH36



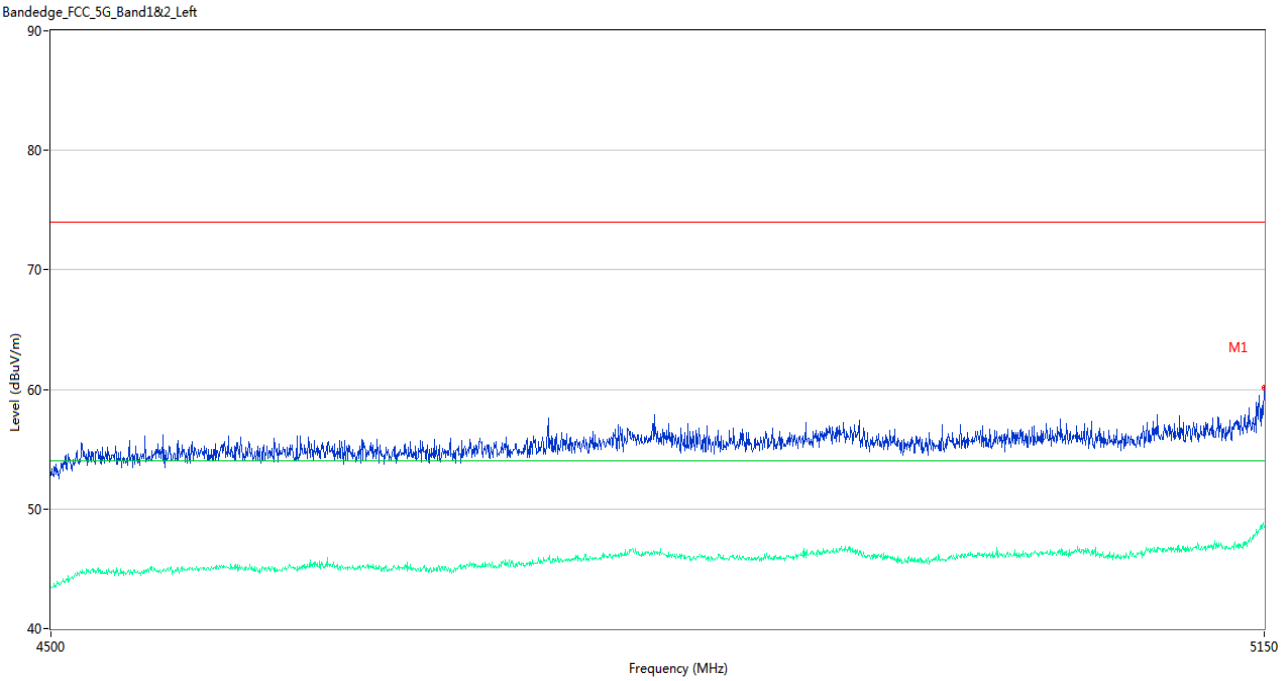
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	58.16	3.34	74.0	-15.84	Peak	273.00	150	Vertical	Pass
1**	5149.025	46.90	3.34	54.0	-7.10	AV	273.00	150	Vertical	Pass
2	5150.000	56.46	3.22	74.0	-17.54	Peak	360.00	150	Vertical	Pass
2**	5150.000	46.80	3.22	54.0	-7.20	AV	360.00	150	Vertical	Pass

U-NII-1 11n20 CH48



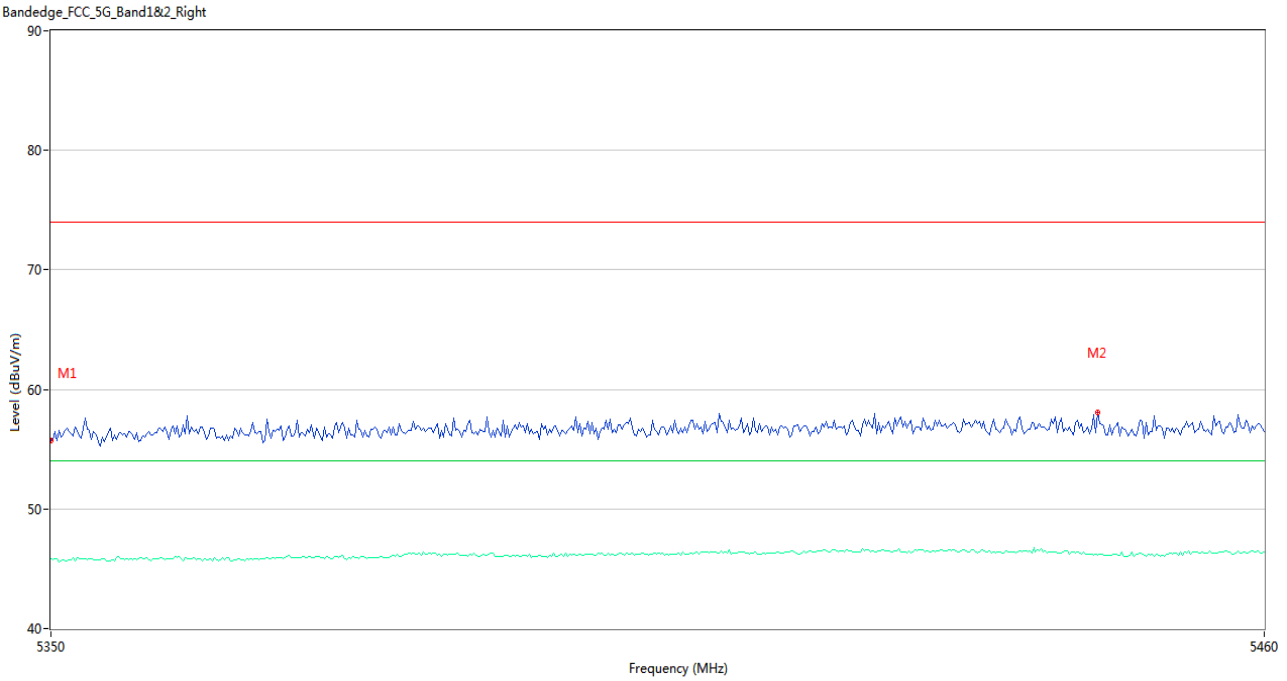
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.30	2.98	74.0	-17.70	Peak	352.00	150	Vertical	Pass
1**	5350.000	45.87	2.98	54.0	-8.13	AV	352.00	150	Vertical	Pass
2	5451.017	58.14	3.69	74.0	-15.86	Peak	356.00	200	Vertical	Pass
2**	5451.017	46.16	3.69	54.0	-7.84	AV	356.00	200	Vertical	Pass

U-NII-1 11n40 CH38



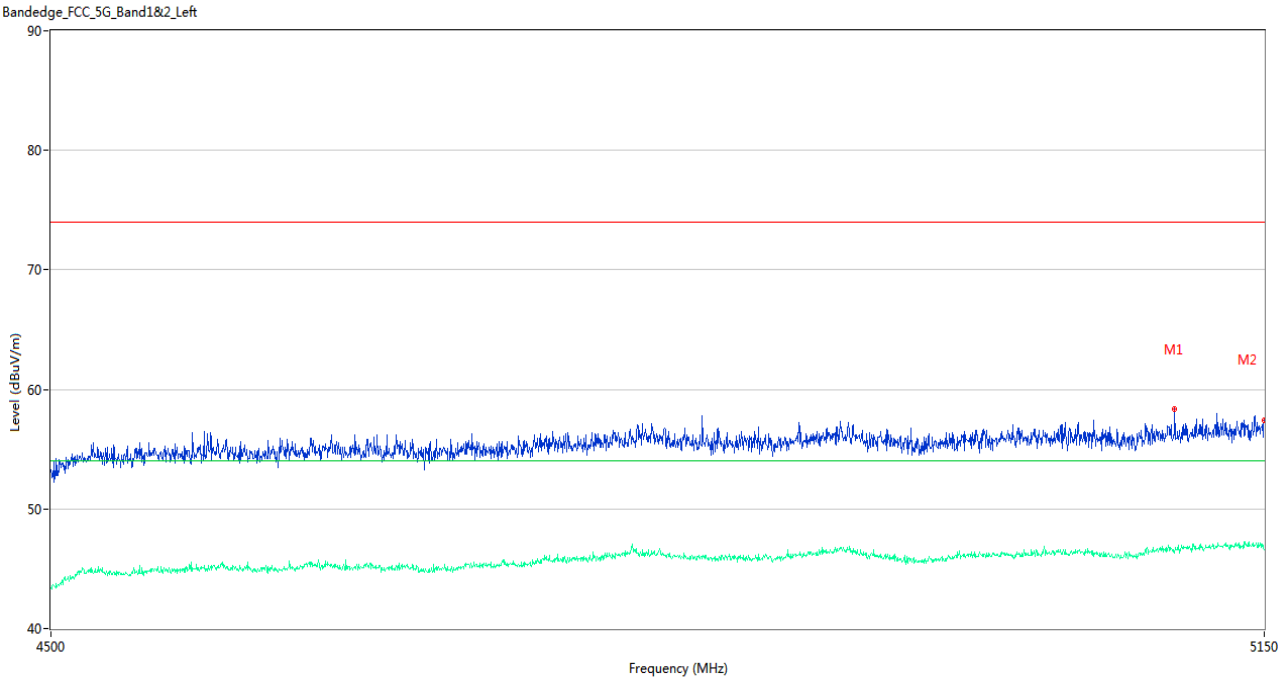
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.15	3.22	74.0	-13.85	Peak	352.00	150	Vertical	Pass
1**	5150.000	48.49	3.22	54.0	-5.51	AV	352.00	150	Vertical	Pass

U-NII-1 11n40 CH46



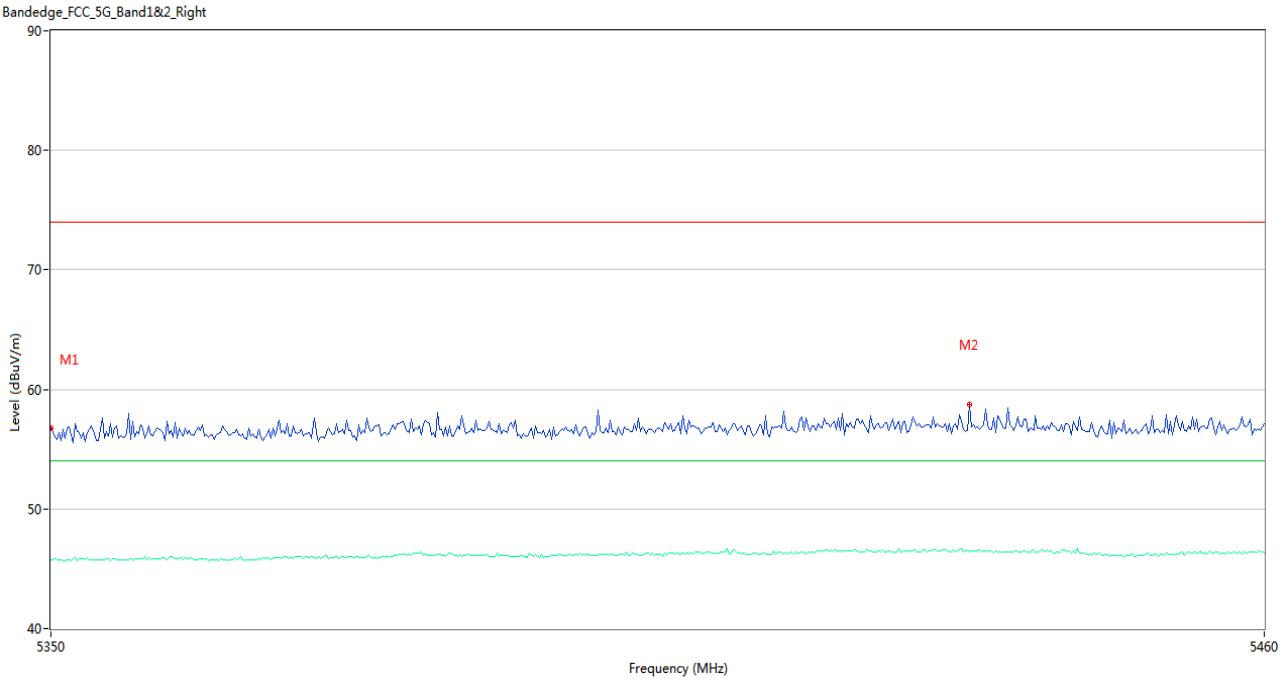
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.75	2.98	74.0	-18.25	Peak	206.00	100	Vertical	Pass
1**	5350.000	45.80	2.98	54.0	-8.20	AV	206.00	100	Vertical	Pass
2	5444.783	58.06	3.58	74.0	-15.94	Peak	175.00	200	Vertical	Pass
2**	5444.783	46.13	3.58	54.0	-7.87	AV	175.00	200	Vertical	Pass

U-NII-1 11ac20 CH36



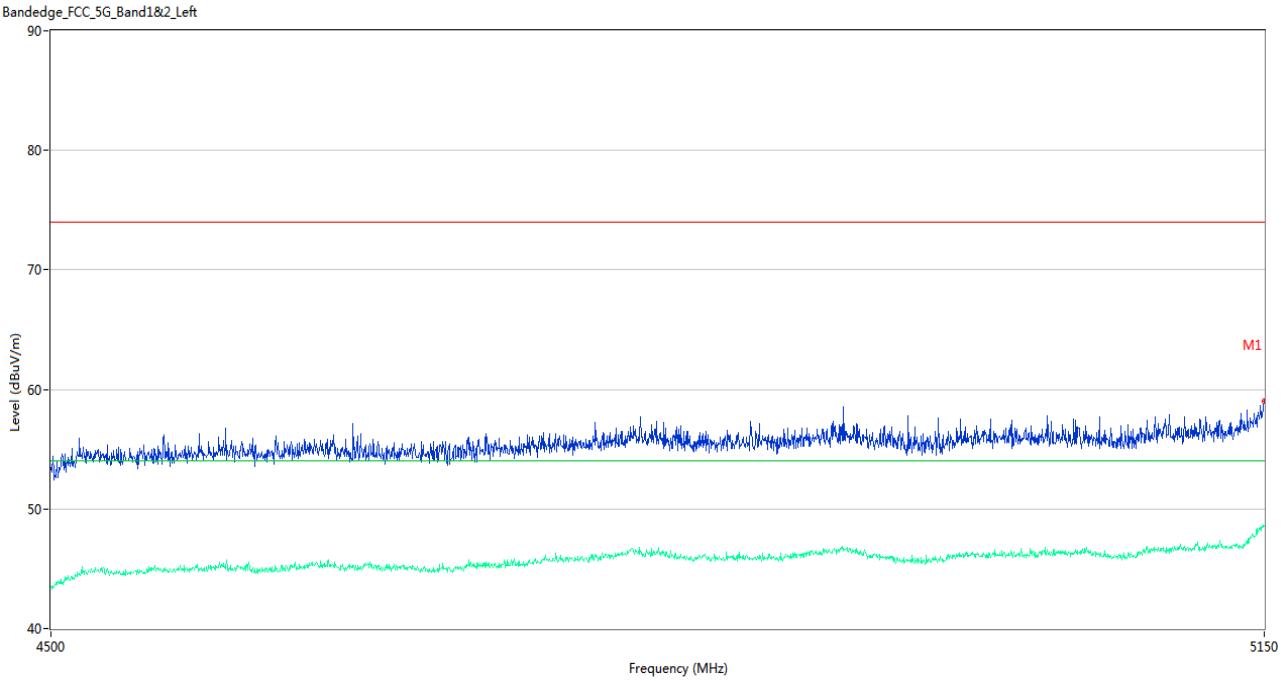
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5098.975	58.36	3.44	74.0	-15.64	Peak	142.00	150	Vertical	Pass
1**	5098.975	46.44	3.44	54.0	-7.56	AV	142.00	150	Vertical	Pass
2	5150.000	57.39	3.22	74.0	-16.61	Peak	13.00	150	Vertical	Pass
2**	5150.000	46.63	3.22	54.0	-7.37	AV	13.00	150	Vertical	Pass

U-NII-1 11ac20 CH48



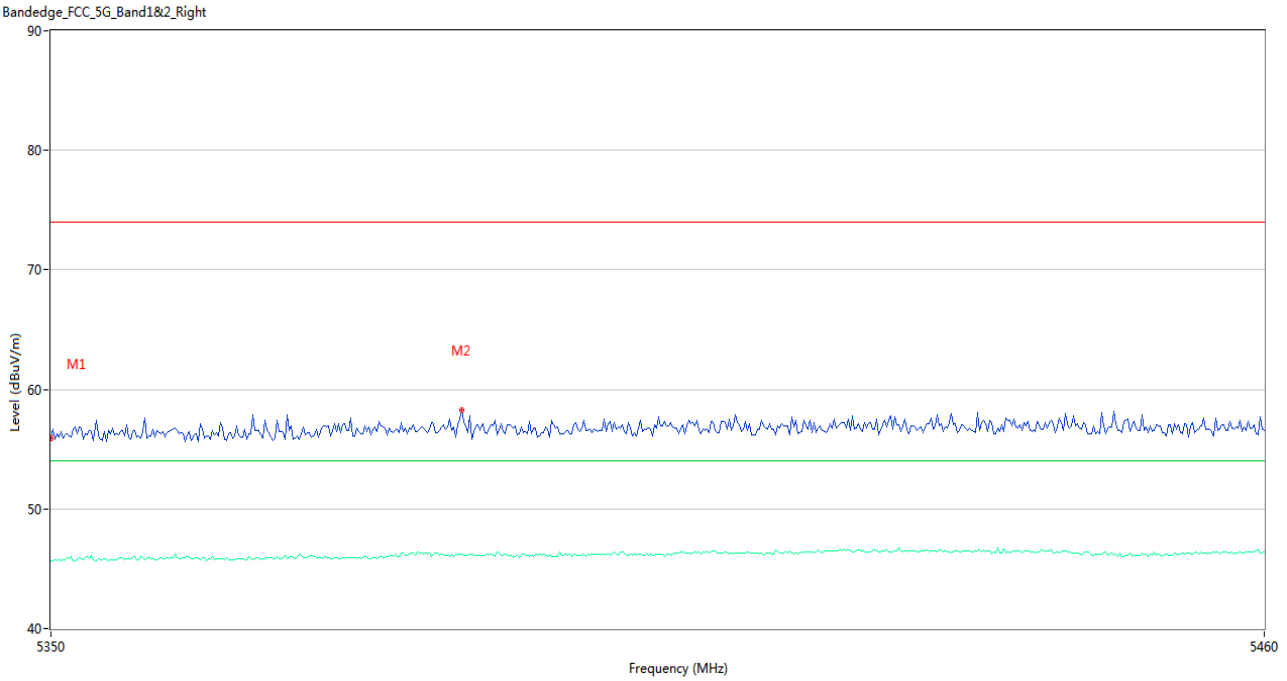
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.75	2.98	74.0	-17.25	Peak	61.00	200	Vertical	Pass
1**	5350.000	45.78	2.98	54.0	-8.22	AV	61.00	200	Vertical	Pass
2	5433.050	58.78	3.38	74.0	-15.22	Peak	230.00	150	Vertical	Pass
2**	5433.050	46.42	3.38	54.0	-7.58	AV	230.00	150	Vertical	Pass

U-NII-1 11ac40 CH38



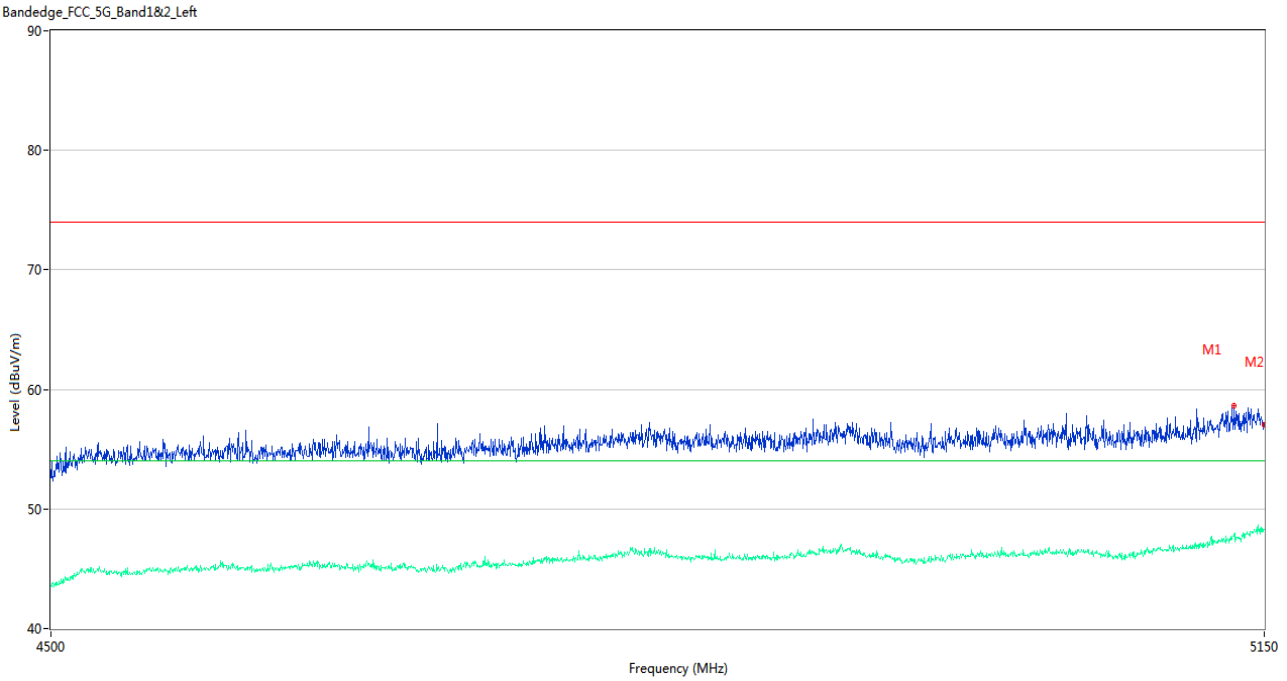
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.05	3.22	74.0	-14.95	Peak	308.00	150	Vertical	Pass
1**	5150.000	48.58	3.22	54.0	-5.42	AV	308.00	150	Vertical	Pass

U-NII-1 11ac40 CH46



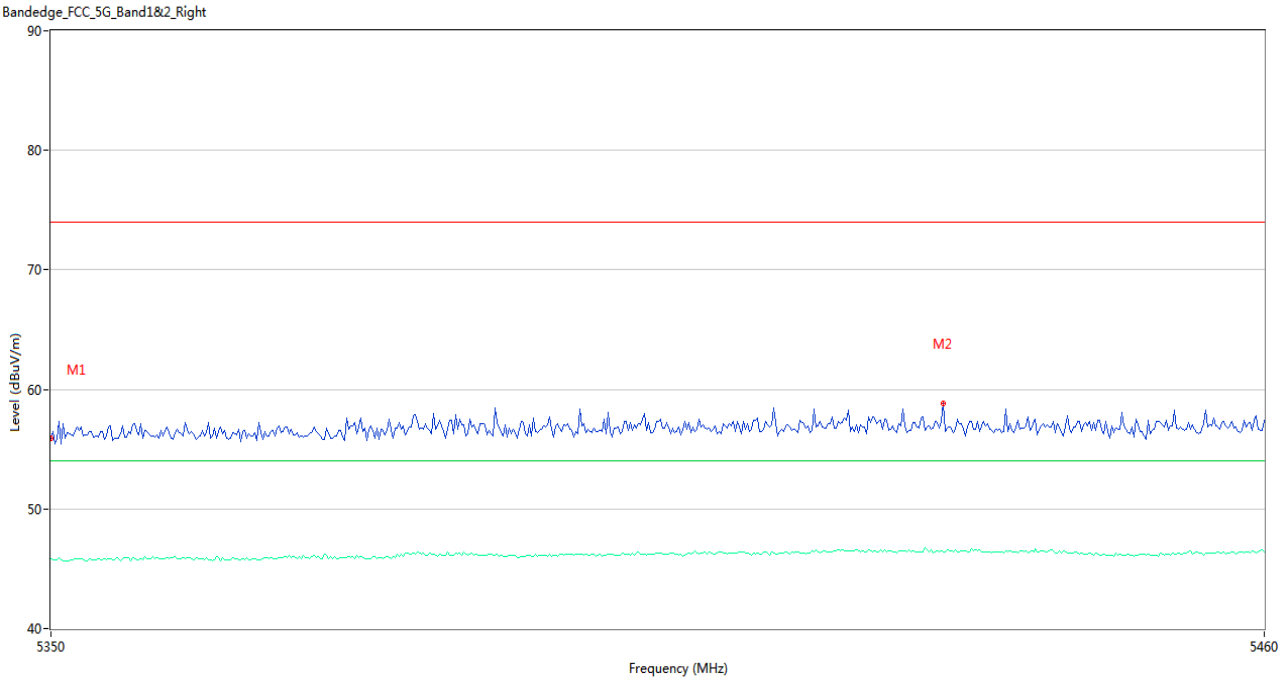
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.87	2.98	74.0	-18.13	Peak	133.00	200	Vertical	Pass
1**	5350.000	45.67	2.98	54.0	-8.33	AV	133.00	200	Vertical	Pass
2	5387.033	58.29	3.43	74.0	-15.71	Peak	198.00	200	Vertical	Pass
2**	5387.033	46.19	3.43	54.0	-7.81	AV	198.00	200	Vertical	Pass

U-NII-1 11ac80 CH42



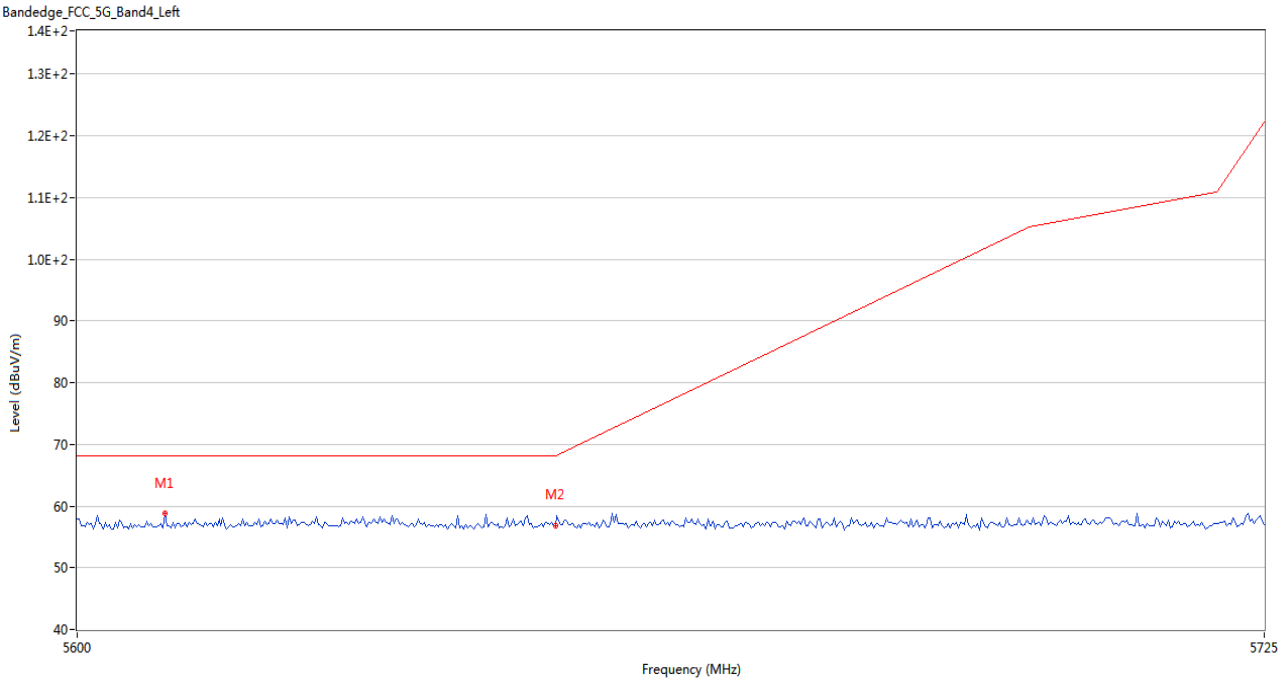
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.775	58.60	3.74	74.0	-15.40	Peak	71.00	150	Vertical	Pass
1**	5132.775	47.80	3.74	54.0	-6.20	AV	71.00	150	Vertical	Pass
2	5150.000	57.05	3.22	74.0	-16.95	Peak	0.00	150	Vertical	Pass
2**	5150.000	48.28	3.22	54.0	-5.72	AV	0.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



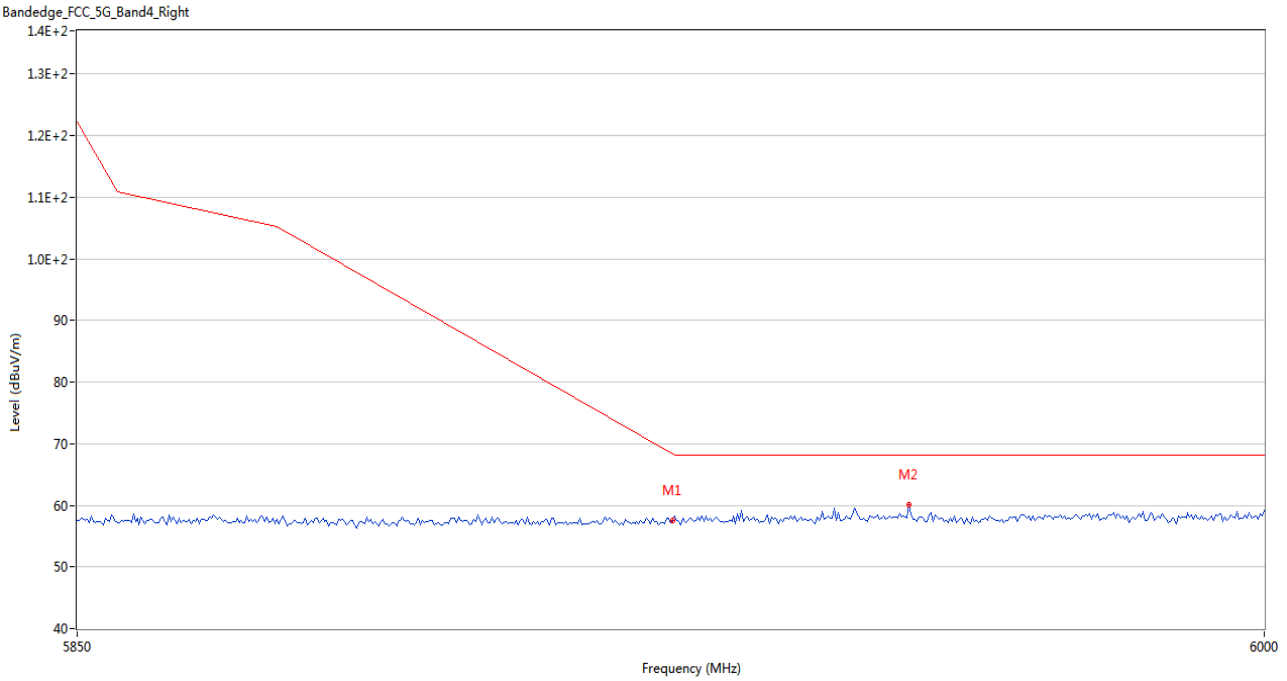
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.87	2.98	74.0	-18.13	Peak	118.00	150	Vertical	Pass
1**	5350.000	45.81	2.98	54.0	-8.19	AV	118.00	150	Vertical	Pass
2	5430.667	58.85	3.36	74.0	-15.15	Peak	144.00	150	Vertical	Pass
2**	5430.667	46.43	3.36	54.0	-7.57	AV	144.00	150	Vertical	Pass

U-NII-3 11n20 CH149



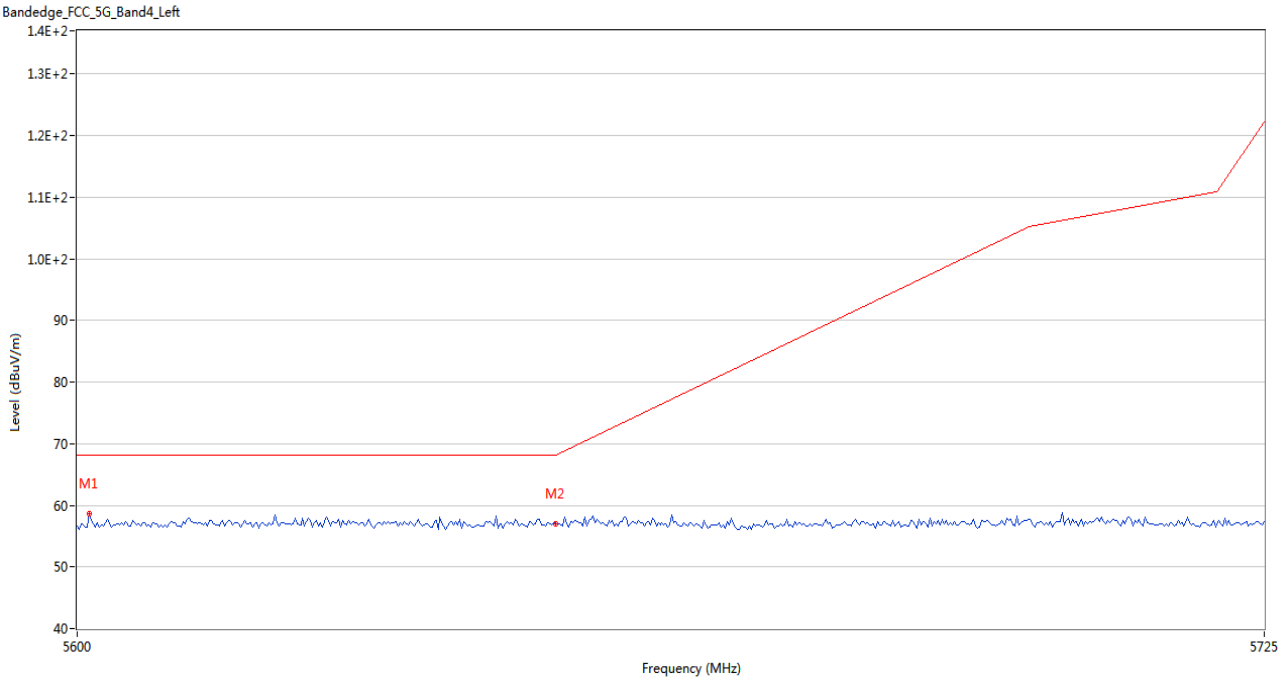
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5609.166	58.78	3.34	68.2	-9.42	Peak	243.00	150	Vertical	Pass
2	5650.000	56.83	3.60	68.2	-11.37	Peak	59.00	200	Vertical	Pass

U-NII-3 11n20 CH165



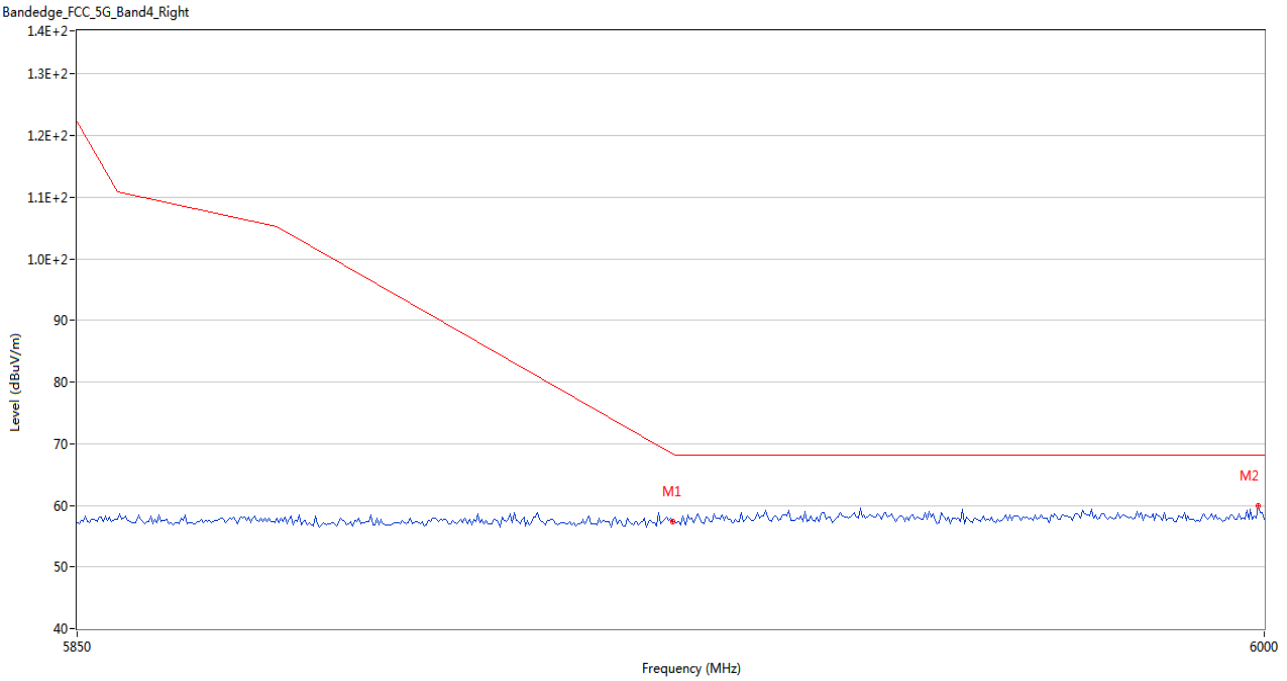
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.55	3.41	68.4	-10.85	Peak	197.00	150	Vertical	Pass
2	5954.750	60.10	4.71	68.2	-8.10	Peak	360.00	200	Vertical	Pass

U-NII-3 11n40 CH151



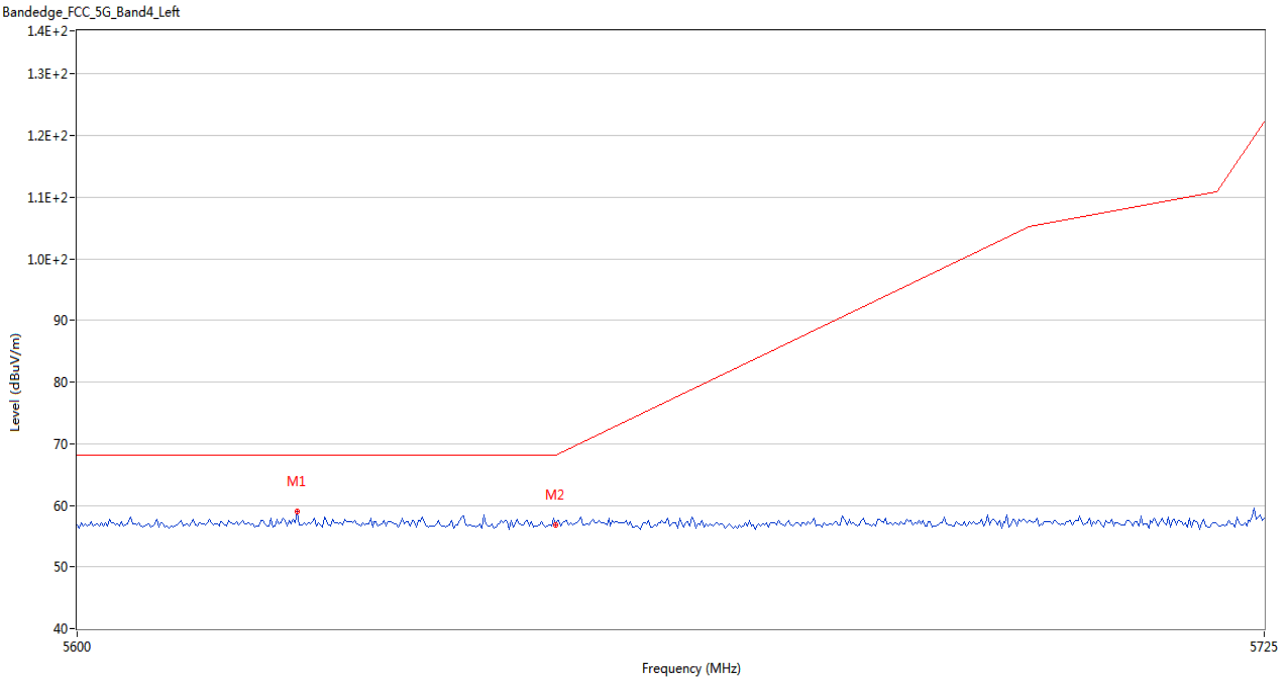
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5601.250	58.58	3.43	68.2	-9.62	Peak	229.00	150	Vertical	Pass
2	5650.000	56.94	3.60	68.2	-11.26	Peak	189.00	150	Vertical	Pass

U-NII-3 11n40 CH159



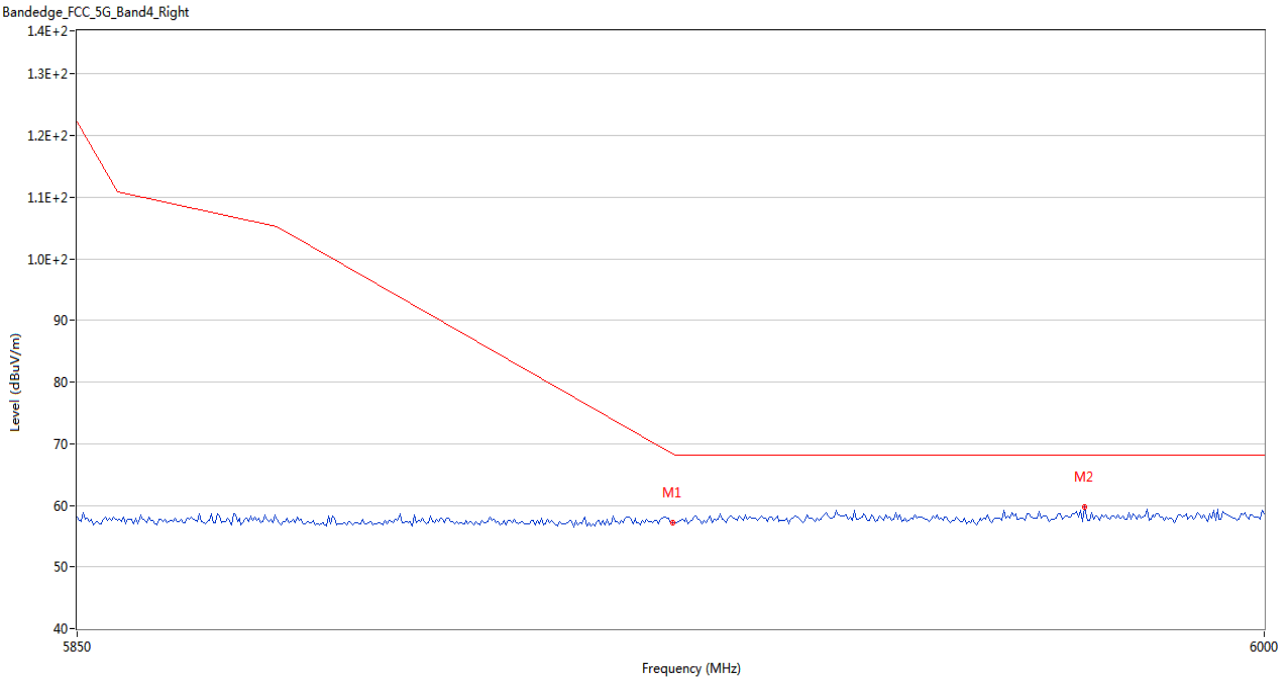
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.29	3.41	68.4	-11.11	Peak	143.00	150	Vertical	Pass
2	5999.250	59.87	4.59	68.2	-8.33	Peak	47.00	200	Vertical	Pass

U-NII-3 11ac20 CH149



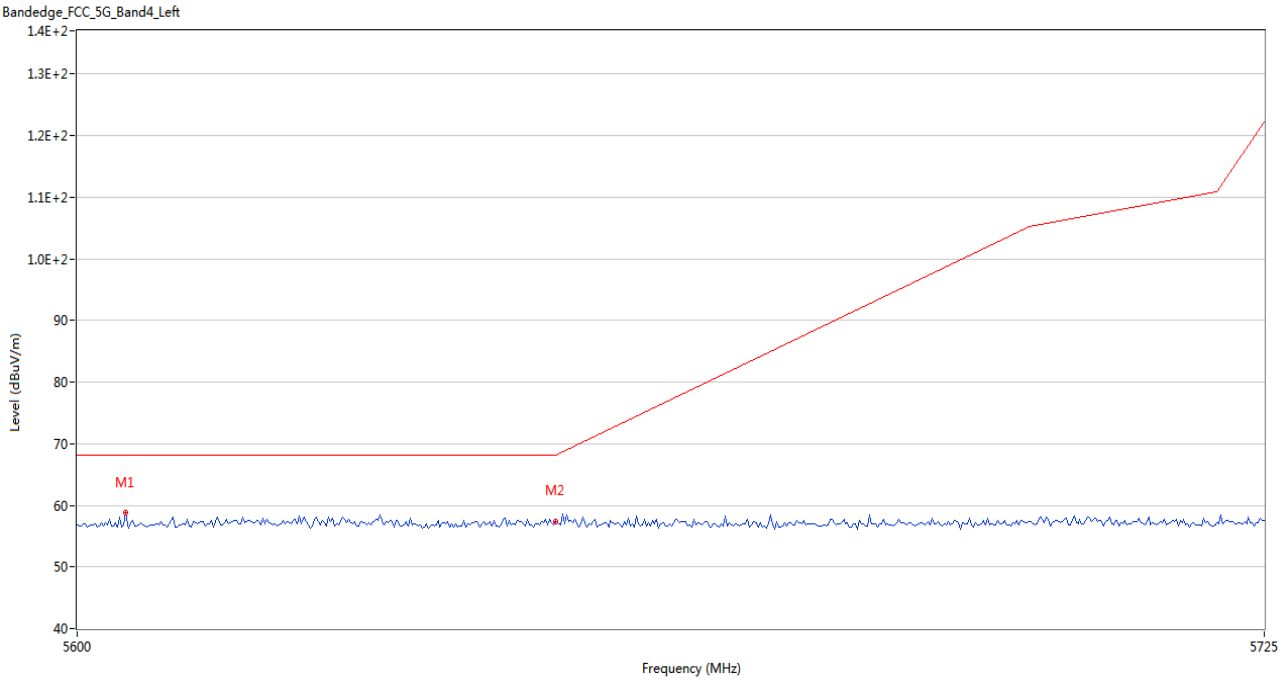
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5622.917	59.00	3.38	68.2	-9.20	Peak	331.00	100	Vertical	Pass
2	5650.000	56.77	3.60	68.2	-11.43	Peak	268.00	200	Vertical	Pass

U-NII-3 11ac20 CH165



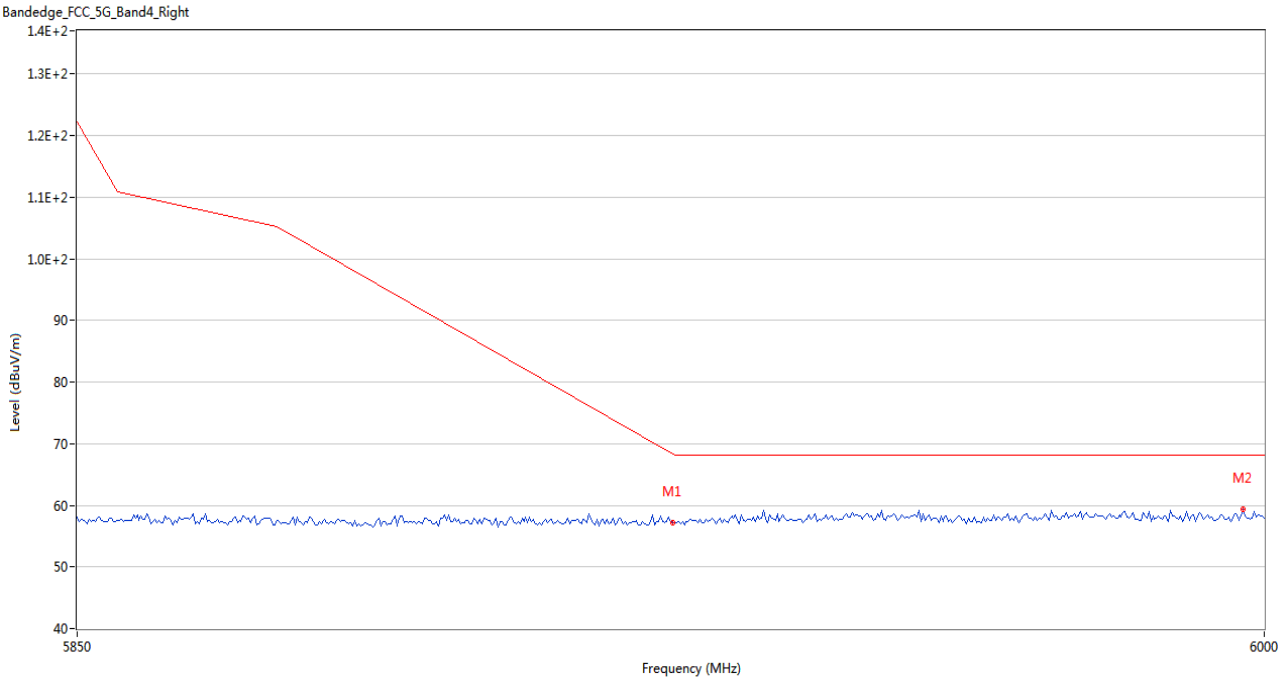
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.15	3.41	68.4	-11.25	Peak	272.00	200	Vertical	Pass
2	5977.000	59.64	4.71	68.2	-8.56	Peak	0.00	100	Vertical	Pass

U-NII-3 11ac40 CH151



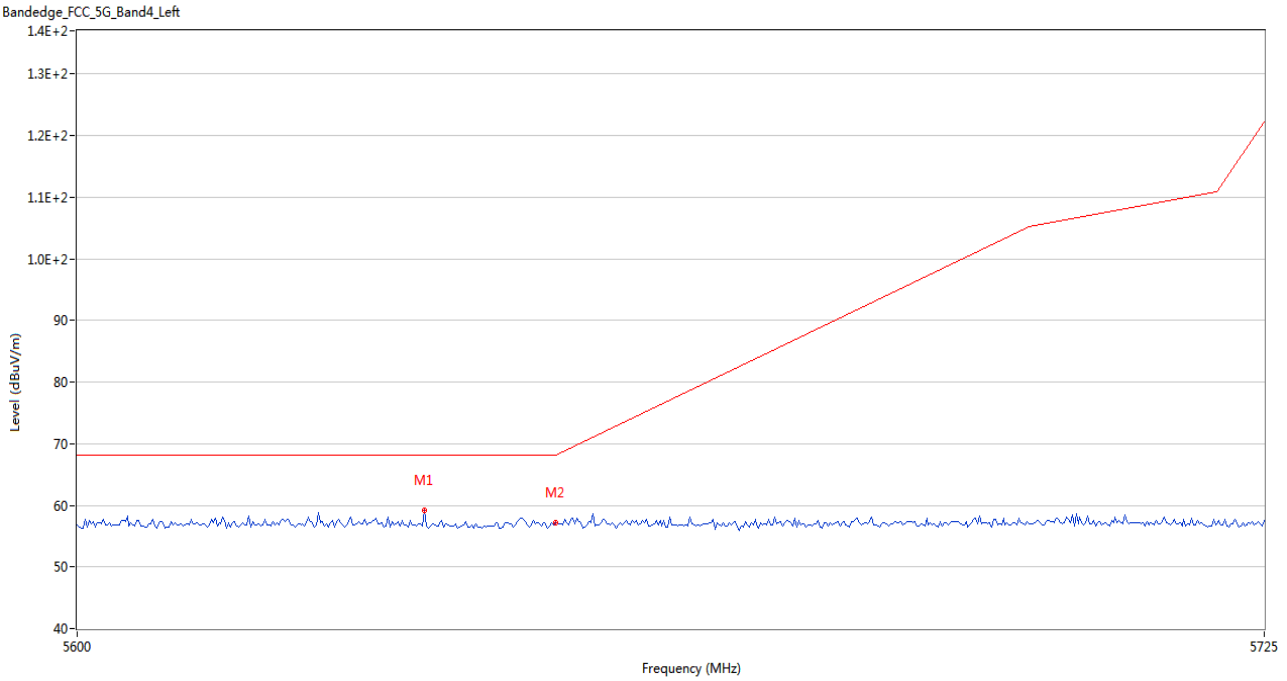
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5605.000	58.83	3.41	68.2	-9.37	Peak	196.00	200	Vertical	Pass
2	5650.000	57.40	3.60	68.2	-10.80	Peak	281.00	150	Vertical	Pass

U-NII-3 11ac40 CH159



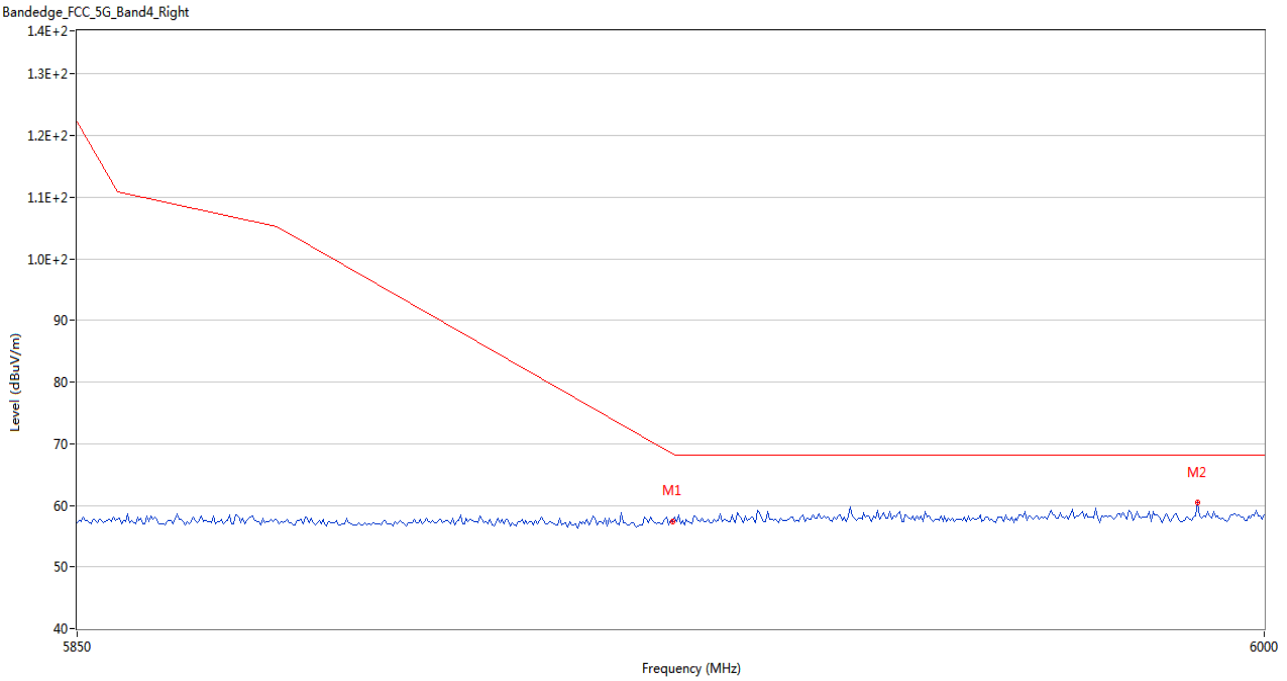
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.26	3.41	68.4	-11.14	Peak	228.00	200	Vertical	Pass
2	5997.250	59.39	4.51	68.2	-8.81	Peak	21.00	100	Vertical	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.250	59.15	3.40	68.2	-9.05	Peak	107.00	200	Vertical	Pass
2	5650.000	57.13	3.60	68.2	-11.07	Peak	268.00	200	Vertical	Pass

U-NII-3 11ac80 CH155

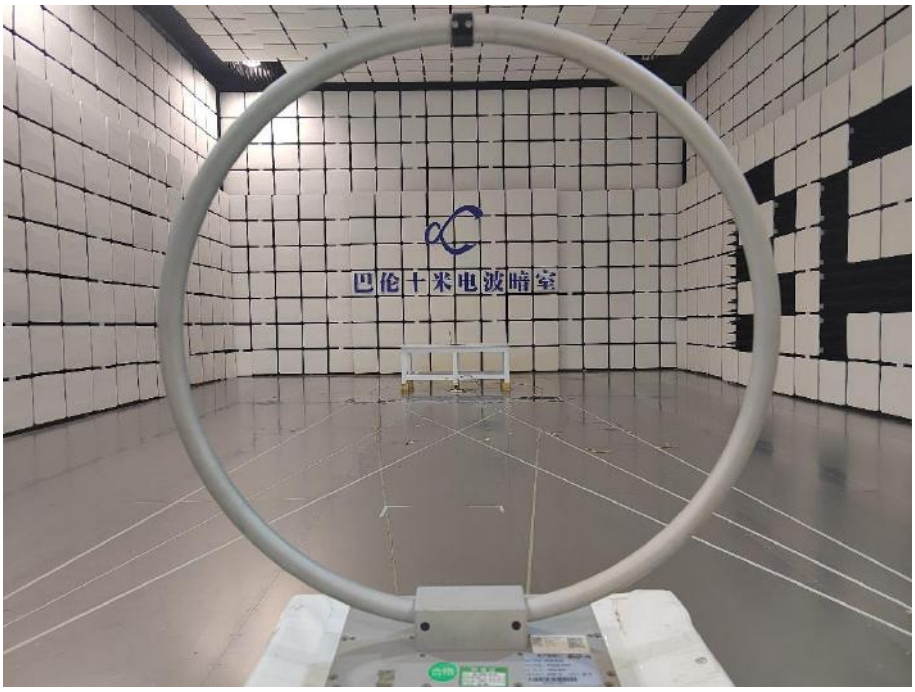


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.43	3.41	68.4	-10.97	Peak	236.00	200	Vertical	Pass
2	5991.500	60.38	4.34	68.2	-7.82	Peak	302.00	200	Vertical	Pass

ANNEX A TEST SETUP PHOTOS

A.1 Radiated Test Photo

Below 30MHz

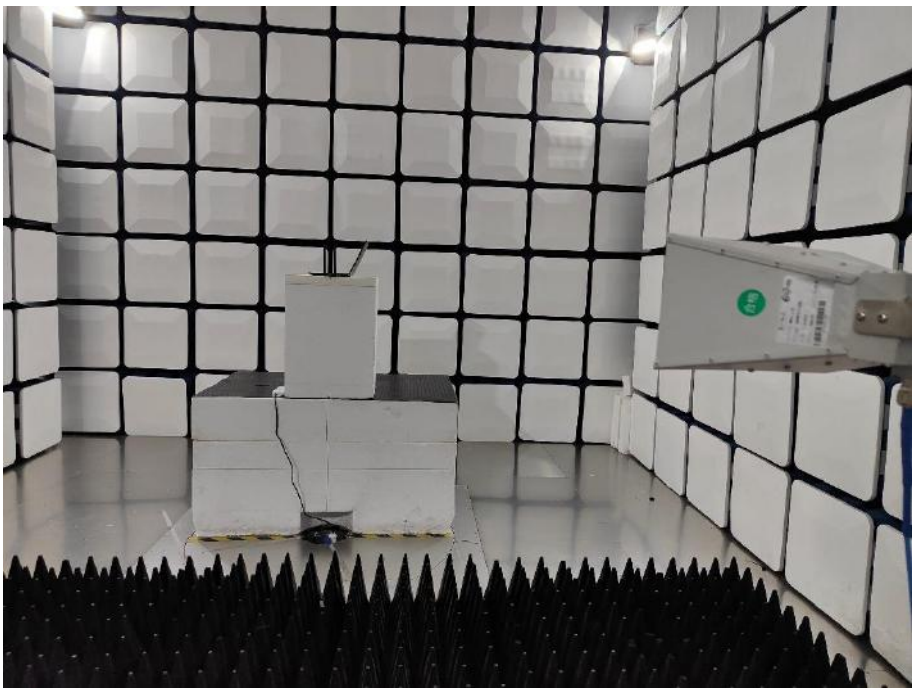


Close-up

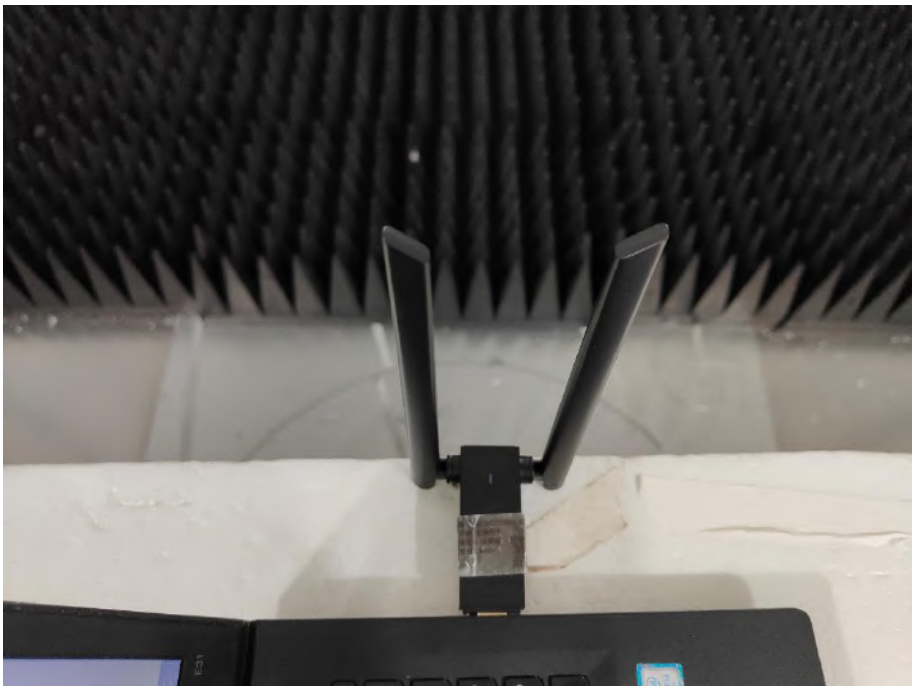
30MHz-1GHz

Close-up

Above 1GHz

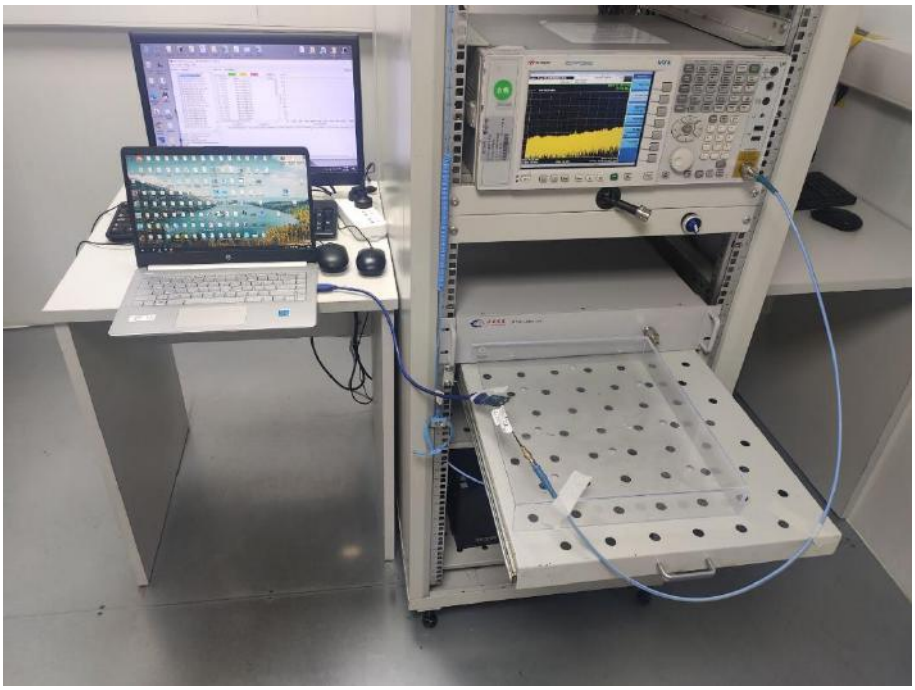


Close-up



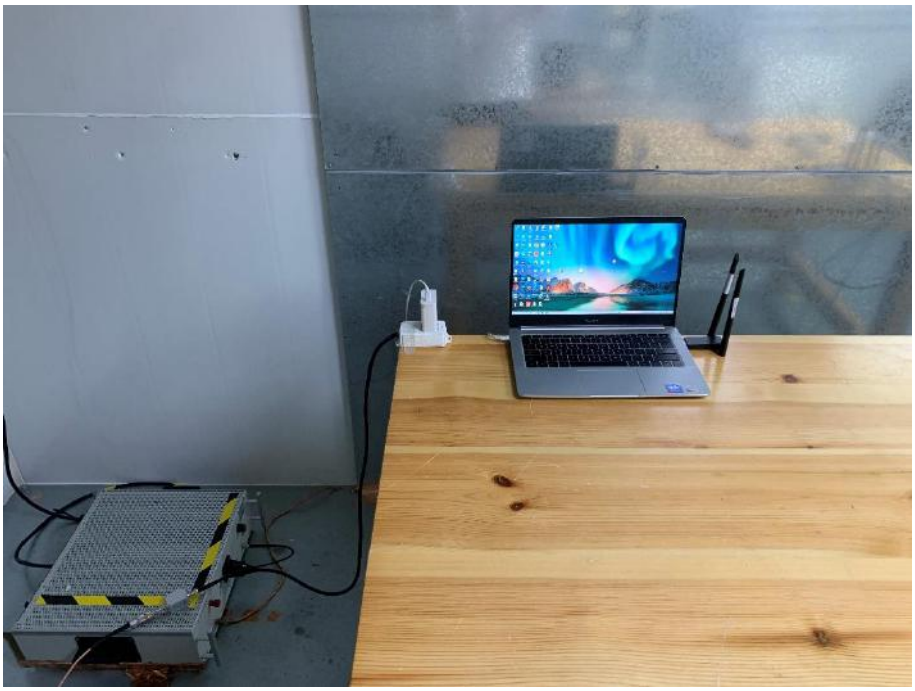
A.2 Conducted Test Photo

Conducted Test



A.3 Conducted Emissions

Test Photo 1



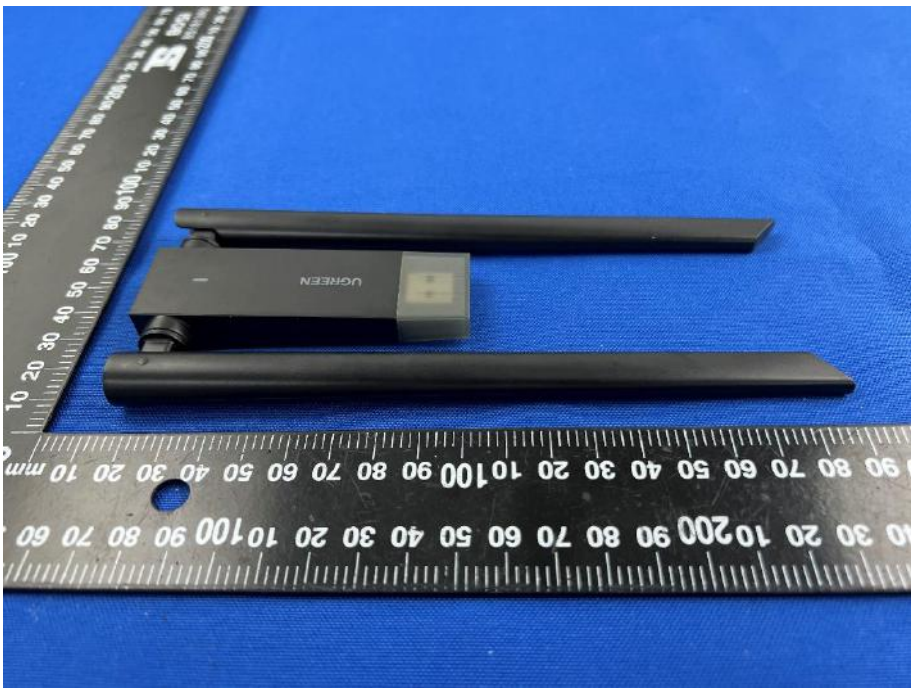
Test Photo 2

ANNEX B EUT EXTERNAL PHOTOS

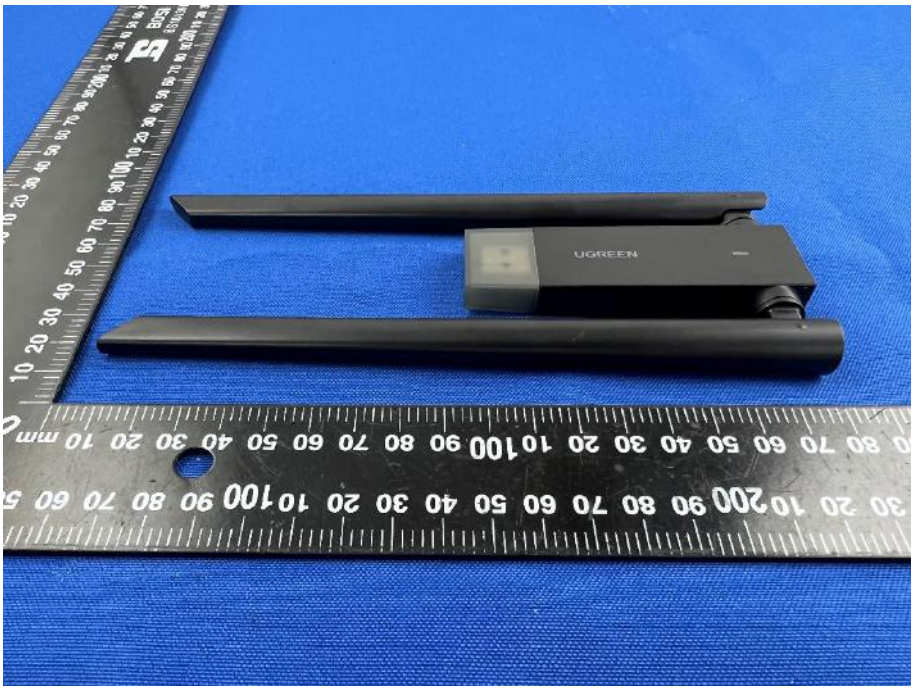
FRONT VIEW OF EUT

REAR VIEW OF EUT

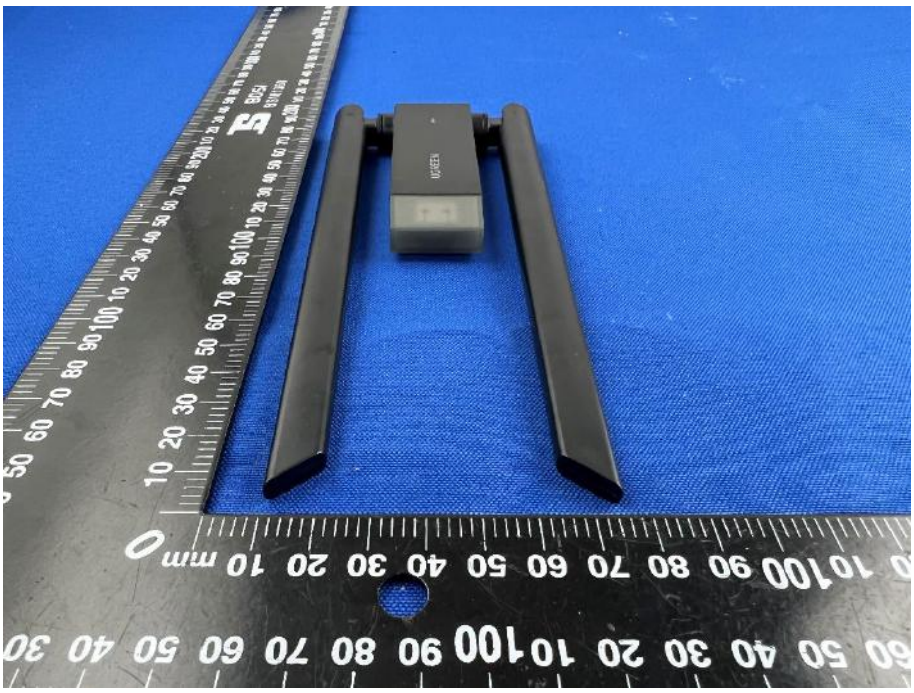
LEFT VIEW OF EUT



RIGHT VIEW OF EUT



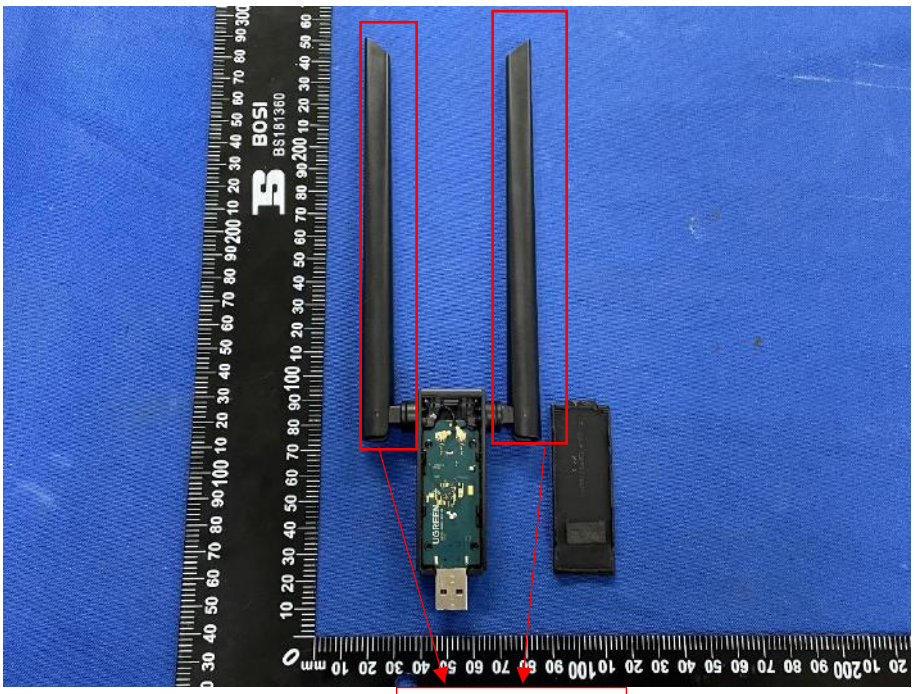
TOP VIEW OF EUT



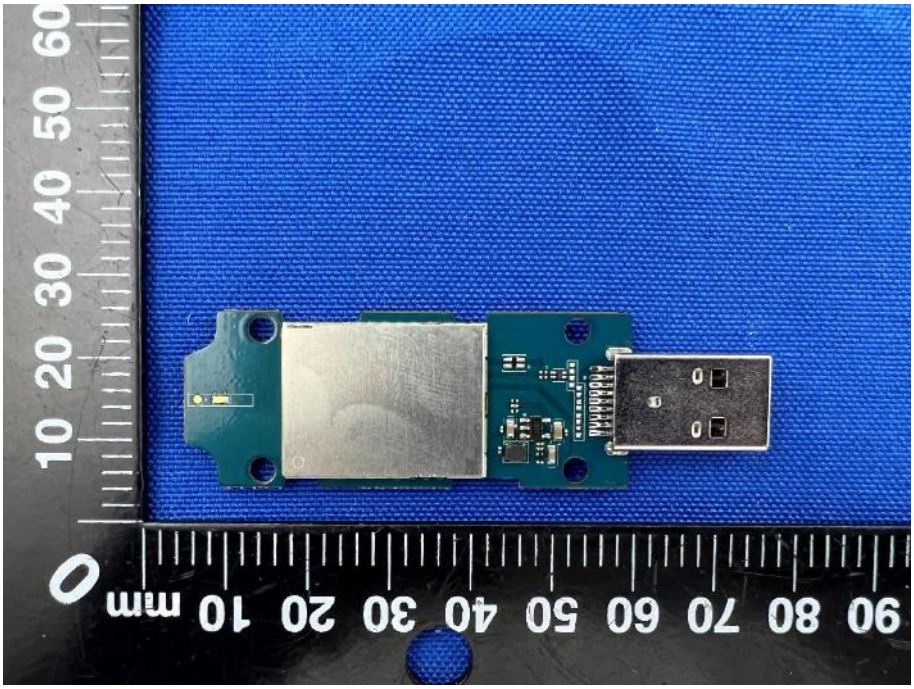
BOTTOM VIEW OF EUT

ANNEX C EUT INTERNAL PHOTOS

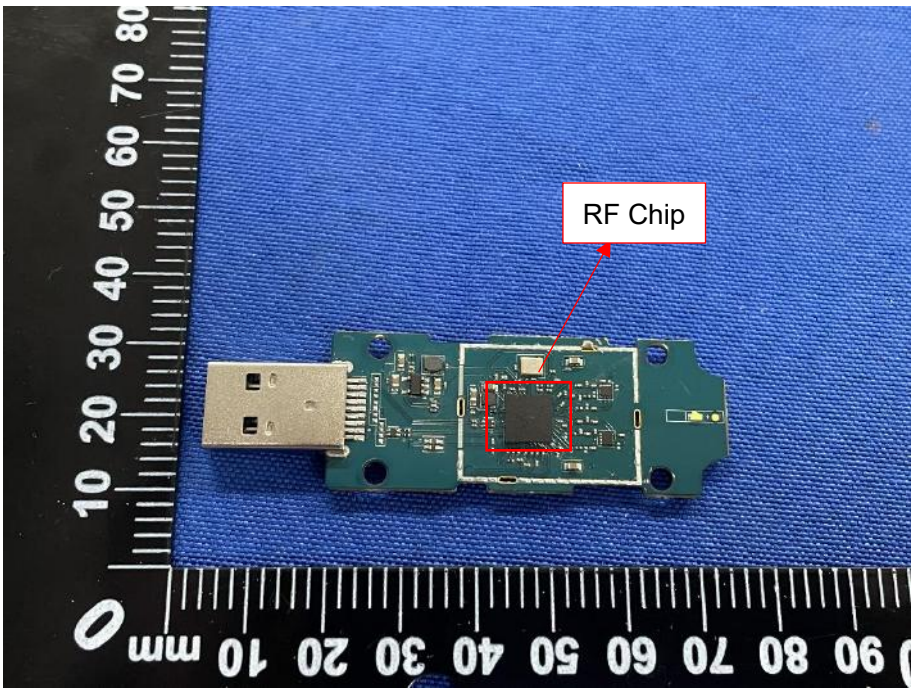
EUT UNCOVER VIEW



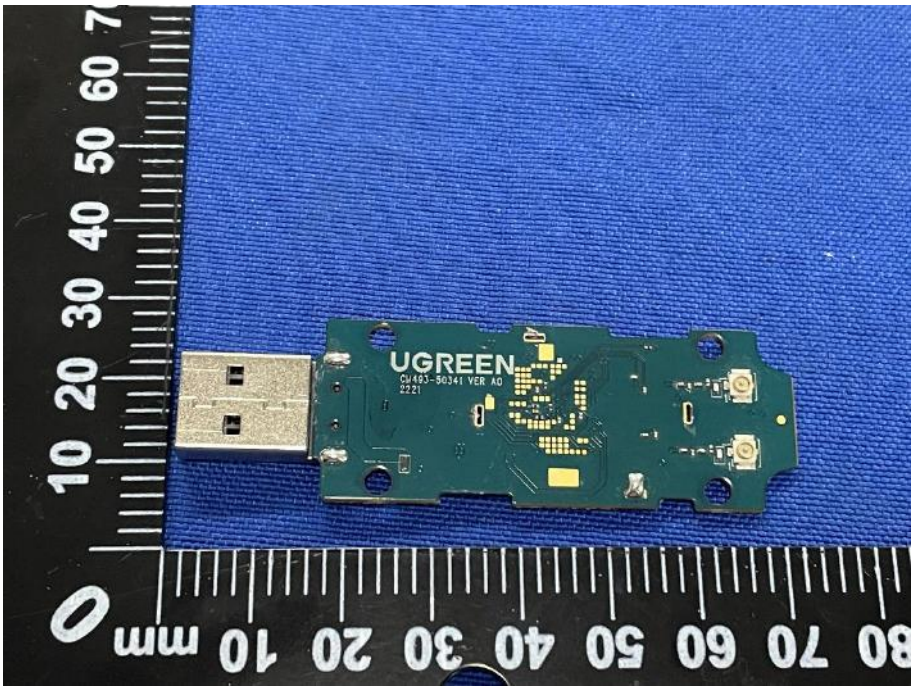
MAIN BOARD TOP VIEW (WITH SHIELDING)



MAIN BOARD TOP VIEW (WITHOUT SHIELDING)



MAIN BOARD REAR VIEW



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--END OF REPORT--