

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Tablet PC

ISSUED TO
Nanchang Huaqin Electronic Technology Co LTD

10 Keyuan Road, Songshan Lake, Dongguan City, Guangdong
Province, China



Tested by: Yu Ying Yuan

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Date Feb. 18, 2022

Approved by: Liao Jianming

Liao Jianming

(Technical Director)

Date Feb. 18, 2022

Report No.: BL-SZ21C1238-604

EUT Name: Tablet PC

Model Name: Lenovo 10w (refer section 2.3)

Brand Name: Lenovo

Test Standard: 47 CFR Part 15 Subpart E

RSS-Gen Issue 5

RSS-247 Issue 2

(refer section 3.1)

FCC ID: 2A4A4-LN10EWG2

ISED Number: 28159-LN10EWG2

Test Conclusion: Pass

Test Date: Jan. 08, 2022 ~ Jan. 15, 2022

Date of Issue: Feb. 18, 2022

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Feb. 18, 2022</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

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

1.4 Announce

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Nanchang Huaqin Electronic Technology Co LTD
Address	10 Keyuan Road, Songshan Lake, Dongguan City, Guangdong Province, China

2.2 Manufacturer Information

Manufacturer	Lenovo PC HK Limited
Address	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	Lenovo 10w
Series Model Name	Lenovo 10w***** (* can be 0-9, a-z, A-Z, any symbol, blank or nothing)
Description of Model name differentiation	only differences are model names for trading purpose
Serial Number	YX03HA21
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

Antenna Information:

Antenna Port	Model Name	Antenna Manufacturer	Antenna Type	Antenna Gain (dBi)			
				2.4 GHz	5.15-5.35 GHz	5.47-5.725 GHz	5.725-5.85 GHz
Main Antenna	2.00005186	ZhongTianXun	PIFA	2.11	2.51	2.49	2.52
Auxiliary Antenna	2.00005187		PIFA	2.77	1.92	1.42	1.77
Main Antenna	N12-7948-R0A	South Star	PIFA	0.89	1.99	1.99	1.19
Auxiliary Antenna	N12-7949-R0A		PIFA	0.94	1.04	1.19	2.09
Note: The report only shown the antenna which matches the antenna with the highest antenna gain.							

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☐ Mobile ☒ Portable ☐ Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Indoor for IC standard Portable for FCC standard	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 15.79 dBm U-NII-2A: 15.79 dBm U-NII-2C: 15.85 dBm U-NII-3: 15.85 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD)	
Categorization as Correlated or Completely Uncorrelated	Correlated	
Antenna Type	Main Antenna	PIFA Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 2.51 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.51 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.49 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.52 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: 1.92 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.92 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.42 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.09 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Total	For power	U-NII-1: 5150 MHz to 5250 MHz: 5.51 dBi

directional gain	spectral density(PSD) measurements	U-NII-2A: 5250 MHz to 5350 MHz: 5.51 dBi U-NII-2C: 5470 MHz to 5725 MHz: 5.49 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.52 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log(NANT/NSS)$ dB. NSS =2, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	U-NII-1: 5150 MHz to 5250 MHz: 2.51 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.51 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.49 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.52 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.
About the Product		The equipment is Tablet PC, intended for used with information technology equipment.

2.5 Additional Instructions

EUT Software Settings:

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

Test Software Version	QRCT4		
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
11a	CH36	5180	15.0	12.0
11a	CH44	5220	15.5	12.5
11a	CH48	5240	15.0	12.5
11n (HT20)	CH36	5180	15.5	12.0
11n (HT20)	CH44	5220	16.0	13.0
11n (HT20)	CH48	5240	15.5	13.0
11n (HT40)	CH38	5190	14.5	11.5
11n (HT40)	CH46	5230	14.5	12.5
11ac (VHT20)	CH36	5180	15.5	12.0
11ac (VHT20)	CH44	5220	15.5	13.0
11ac (VHT20)	CH48	5240	15.5	13.0
11ac (VHT40)	CH38	5190	14.5	11.5
11ac (VHT40)	CH46	5230	14.5	12.5
11ac (VHT80)	CH42	5210	14.0	11.5

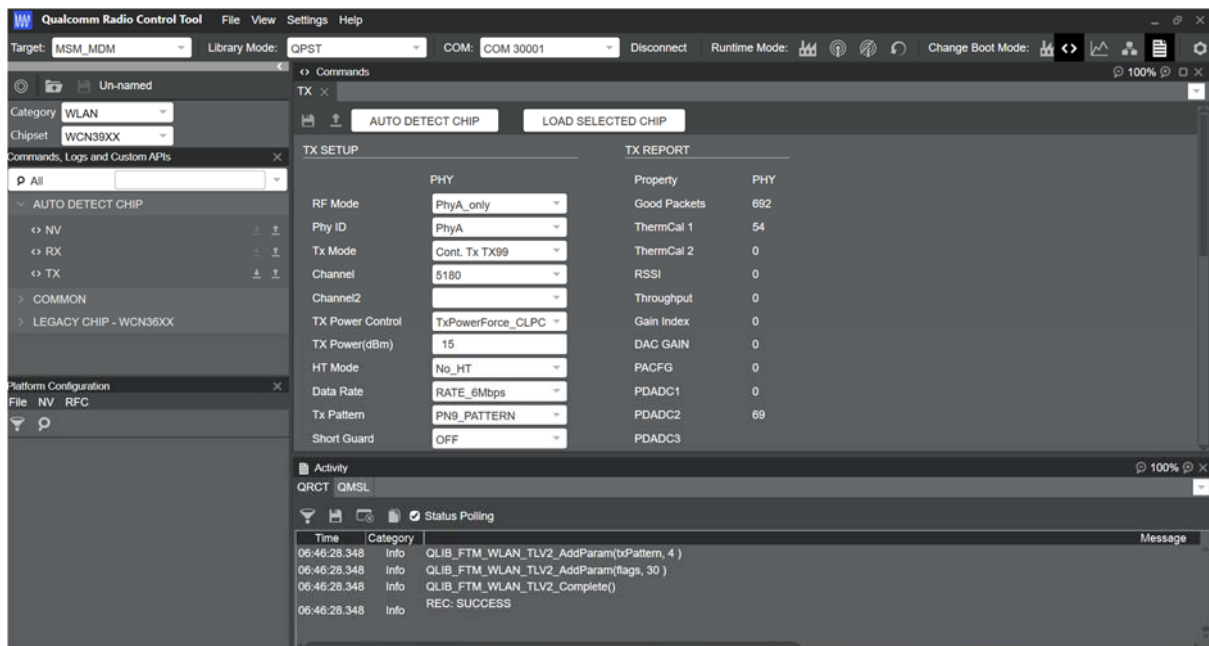
U-NII-2A (5250 - 5350 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH52	5260	15.0	13.0
11a	CH60	5300	15.5	14.0
11a	CH64	5320	15.5	14.0
11n (HT20)	CH52	5260	15.0	13.0
11n (HT20)	CH60	5300	15.5	14.0
11n (HT20)	CH64	5320	16.0	14.5
11n (HT40)	CH54	5270	14.5	12.5
11n (HT40)	CH62	5310	13.5	11.5
11ac (VHT20)	CH52	5260	15.0	13.0
11ac (VHT20)	CH60	5300	15.5	14.0
11ac (VHT20)	CH64	5320	16.0	14.5
11ac (VHT40)	CH54	5270	14.5	12.5
11ac (VHT40)	CH62	5310	13.5	11.5
11ac (VHT80)	CH58	5290	13.5	11.5

U-NII-2C (5470 - 5725 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH100	5500	15.0	14.5
11a	CH116	5580	15.0	14.0
11a	CH140	5700	15.5	13.5
11n (HT20)	CH100	5500	15.0	15.0
11n (HT20)	CH116	5580	15.5	14.0
11n (HT20)	CH140	5700	16.0	12.5
11n (HT40)	CH102	5510	15.0	14.0
11n (HT40)	CH118	5590	15.0	13.5
11n (HT40)	CH134	5670	15.0	12.5
11ac (VHT20)	CH100	5500	15.0	14.5
11ac (VHT20)	CH116	5580	15.5	14.0
11ac (VHT20)	CH140	5700	16.0	12.5
11ac (VHT40)	CH102	5510	14.5	14.0
11ac (VHT40)	CH118	5590	15.0	13.5
11ac (VHT40)	CH134	5670	15.0	12.5
11ac (VHT80)	CH106	5530	14.5	13.5
11ac (VHT80)	CH122	5610	15.0	13.0

U-NII-3 (5725 - 5850 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH149	5745	16.5	12.5
11a	CH157	5785	16.5	12.5
11a	CH165	5825	17.5	13.0
11n (HT20)	CH149	5745	16.5	12.5
11n (HT20)	CH157	5785	16.5	12.5
11n (HT20)	CH165	5825	17.5	13.0
11n (HT40)	CH151	5755	16.0	12.5
11n (HT40)	CH159	5795	17.0	12.5
11ac (VHT20)	CH149	5745	16.5	12.5
11ac (VHT20)	CH157	5785	16.5	12.5
11ac (VHT20)	CH165	5825	17.5	13.0
11ac (VHT40)	CH151	5755	16.0	12.0
11ac (VHT40)	CH159	5795	16.5	12.0
11ac (VHT80)	CH155	5775	16.0	12.0

U-NII-2C (5470 - 5725 MHz) & U-NII-3 (5725 - 5850 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH144	5720	16.0	12.5
11n (HT20)	CH144	5720	16.5	13.0
11n (HT40)	CH142	5710	16.0	12.0
11ac (VHT20)	CH144	5720	16.5	12.5
11ac (VHT40)	CH142	5710	15.5	11.5
11ac (VHT80)	CH138	5690	15.5	11.5

Run Software:



2.6 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	142	5710		
108	5540	151	5755		
112	5560	159	5795		
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band.

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

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

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	138	--	5690
122	High	5610	155	Mid	5775
138	--	5690			

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1 Channel	U-NII-2A Channel	U-NII-2C Channel	U-NII-3 Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	144/140/100	165/149/144
	11n(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

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	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
5	RSS-247 Issue 2	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
6	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A ^{Note2}

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	+5°C
	HT (High Temperature)	+35°C
Working Voltage of the EUT	NV (Normal Voltage)	7.68 V
	LV (Low Voltage)	6.90 V
	HV (High Voltage)	8.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.01.27	2022.01.26
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2021.05.08	2022.05.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2023.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2019.08.08	2022.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

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

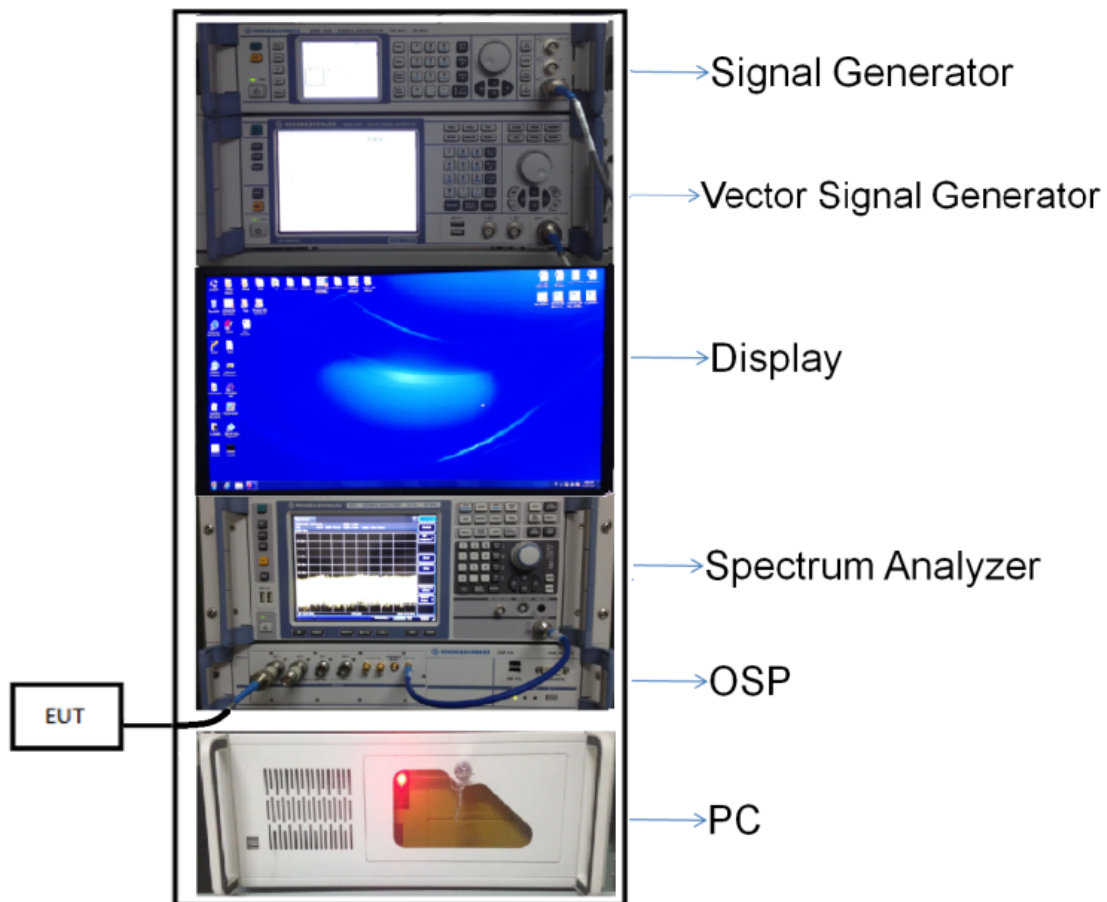
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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%

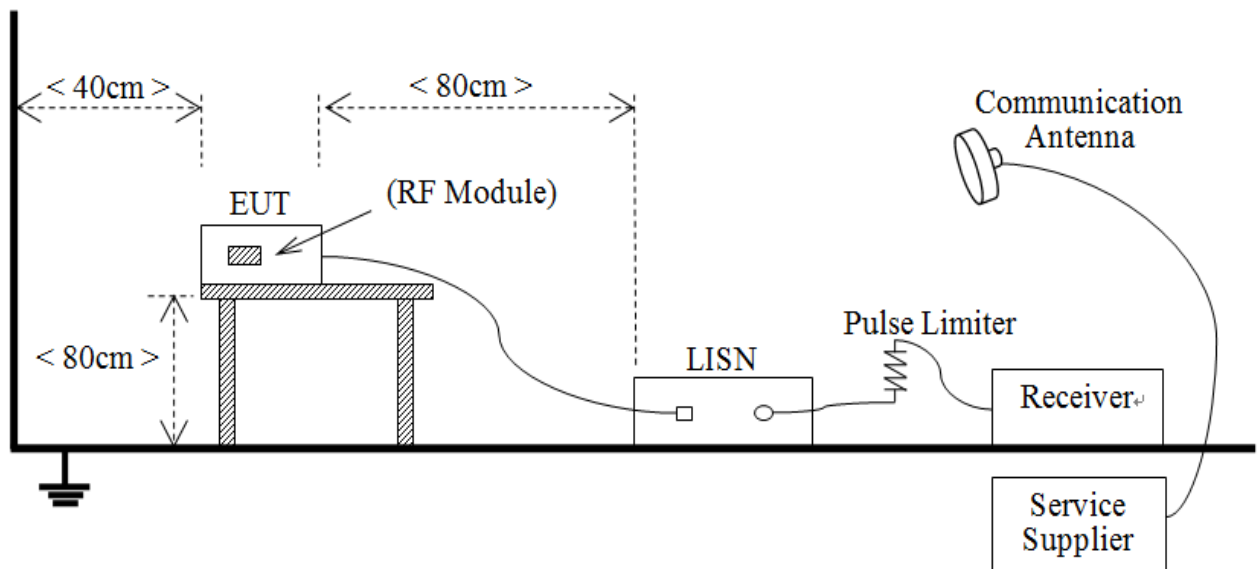
4.5 Description of Test Setup

4.5.1 For Antenna Port Test



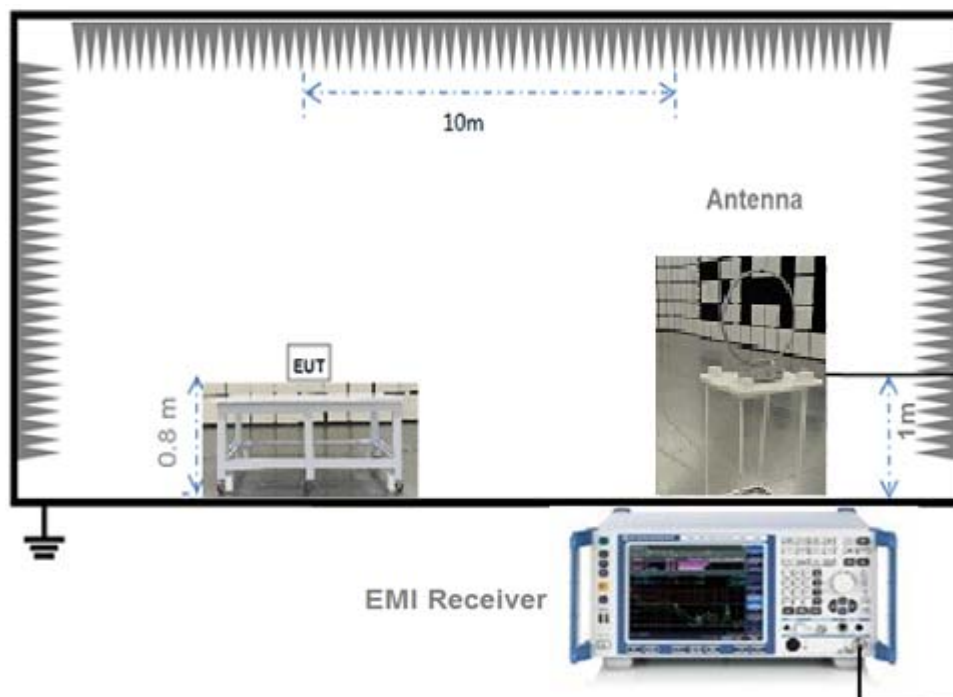
(Diagram 1)

4.5.2 For AC Power Supply Port Test



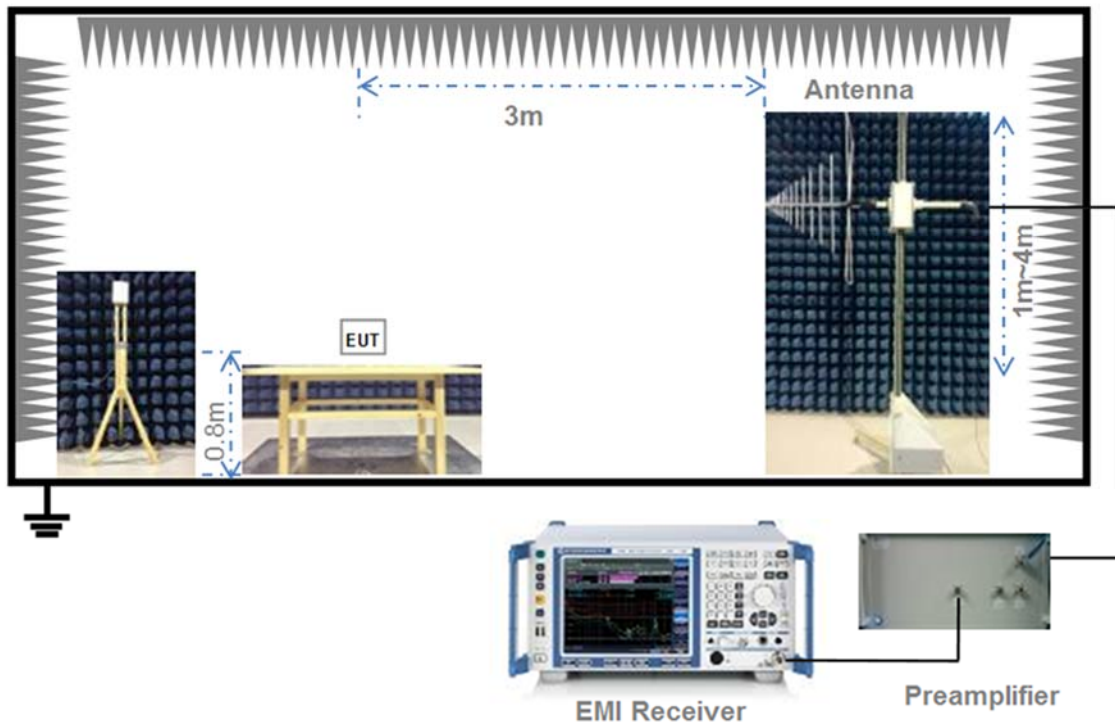
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



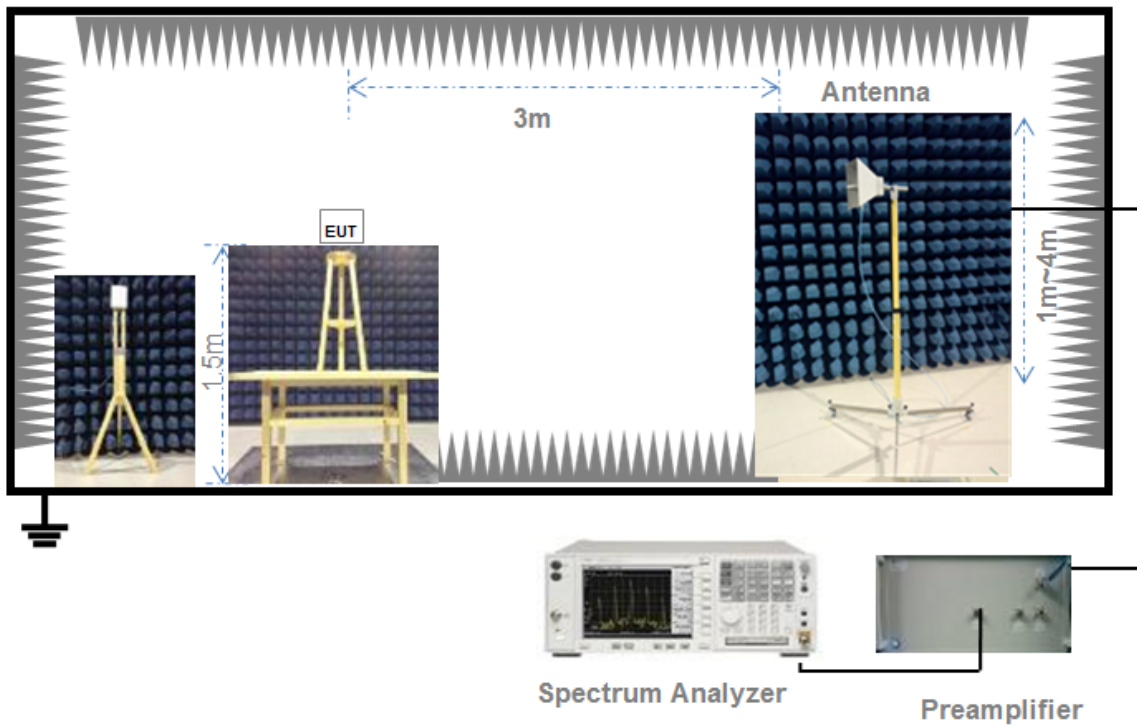
(Diagram 3)

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.	

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where "B" is the 99% emissions bandwidth in MHz.	

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

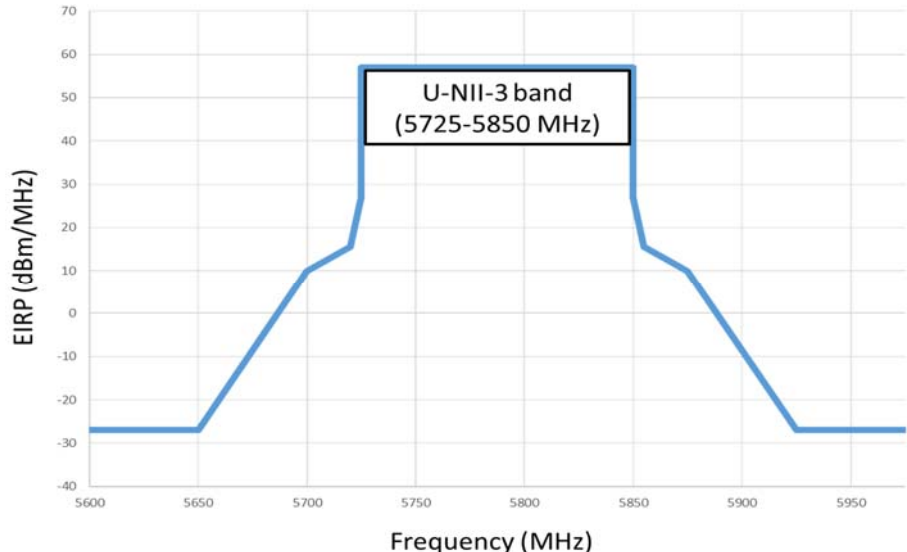
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.  The graph plots EIRP (dBm/MHz) on the y-axis (ranging from -40 to 70) against Frequency (MHz) on the x-axis (ranging from 5600 to 5950). A blue line represents the limit, showing a flat top at 27 dBm/MHz for the U-NII-3 band (5725-5850 MHz). The slopes are linear, increasing from -27 dBm/MHz at 75 MHz away from the band edge to 10 dBm/MHz at 25 MHz away, and then to 15.6 dBm/MHz at 5 MHz away, reaching 27 dBm/MHz at the band edge.

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

5.5.2 Test Setup

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

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note¹: 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.

Note²: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note³: All the configurations were tested, but only the worst data was shown in this report.

Test Data

Conducted Power

Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.54	17.95	250	Pass
11a	CH44	12.54	17.95	250	Pass
11a	CH48	12.49	17.74	250	Pass
11n (HT20)	CH36	12.81	19.10	250	Pass
11n (HT20)	CH44	12.87	19.36	250	Pass
11n (HT20)	CH48	12.73	18.75	250	Pass
11n (HT40)	CH38	12.73	18.75	250	Pass
11n (HT40)	CH46	12.61	18.24	250	Pass
11ac (VHT20)	CH36	12.83	19.19	250	Pass
11ac (VHT20)	CH44	12.43	17.50	250	Pass
11ac (HVT20)	CH48	12.81	19.10	250	Pass
11ac (VHT40)	CH38	12.83	19.19	250	Pass
11ac (VHT40)	CH46	12.50	17.78	250	Pass
11ac (VHT80)	CH42	12.05	16.03	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	12.67	18.49	250	Pass
11a	CH60	12.62	18.28	250	Pass
11a	CH64	12.37	17.26	250	Pass
11n (HT20)	CH52	12.51	17.82	250	Pass
11n (HT20)	CH60	12.47	17.66	250	Pass
11n (HT20)	CH64	12.71	18.66	250	Pass
11n (HT40)	CH54	12.54	17.95	250	Pass
11n (HT40)	CH62	10.85	12.16	250	Pass
11ac (VHT20)	CH52	12.48	17.70	250	Pass
11ac (VHT20)	CH60	12.41	17.42	250	Pass
11ac (HVT20)	CH64	12.67	18.49	250	Pass
11ac (VHT40)	CH54	12.65	18.41	250	Pass
11ac (VHT40)	CH62	10.85	12.16	250	Pass
11ac (VHT80)	CH58	10.83	12.11	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	12.63	18.32	250	Pass
11a	CH116	12.43	17.50	250	Pass
11a	CH140	12.44	17.54	250	Pass
11n (HT20)	CH100	12.49	17.74	250	Pass
11n (HT20)	CH116	12.65	18.41	250	Pass
11n (HT20)	CH140	12.63	18.32	250	Pass
11n (HT40)	CH102	12.79	19.01	250	Pass
11n (HT40)	CH118	12.57	18.07	250	Pass
11n (HT40)	CH134	12.39	17.34	250	Pass
11ac (VHT20)	CH100	12.36	17.22	250	Pass
11ac (VHT20)	CH116	12.73	18.75	250	Pass
11ac (VHT20)	CH140	12.70	18.62	250	Pass
11ac (VHT40)	CH102	12.41	17.42	250	Pass
11ac (VHT40)	CH118	12.66	18.45	250	Pass
11ac (VHT40)	CH134	12.56	18.03	250	Pass
11ac (VHT80)	CH106	12.53	17.91	250	Pass
11ac (VHT80)	CH122	12.80	19.05	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.85	19.28	1000	Pass
11a	CH157	12.71	18.66	1000	Pass
11a	CH165	12.54	17.95	1000	Pass
11n (HT20)	CH149	12.72	18.71	1000	Pass
11n (HT20)	CH157	12.52	17.86	1000	Pass
11n (HT20)	CH165	12.44	17.54	1000	Pass
11n (HT40)	CH151	12.36	17.22	1000	Pass
11n (HT40)	CH159	12.64	18.37	1000	Pass
11ac (VHT20)	CH149	12.66	18.45	1000	Pass
11ac (VHT20)	CH157	12.50	17.78	1000	Pass
11ac (VHT20)	CH165	12.34	17.14	1000	Pass
11ac (VHT40)	CH151	12.48	17.70	1000	Pass
11ac (VHT40)	CH159	12.62	18.28	1000	Pass
11ac (VHT80)	CH155	12.54	17.95	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	12.85	19.28	211	Pass
11n (HT20)	CH144	12.71	18.66	209	Pass
11n (HT40)	CH142	12.54	17.95	250	Pass
11ac (VHT20)	CH144	12.72	18.71	210	Pass
11ac (VHT40)	CH142	12.52	17.86	250	Pass
11ac (VHT80)	CH138	12.44	17.54	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	12.39	17.34	1000	Pass
11n (HT20)	CH144	12.83	19.19	1000	Pass
11n (HT40)	CH142	12.78	18.97	1000	Pass
11ac (VHT20)	CH144	12.79	19.01	1000	Pass
11ac (VHT40)	CH142	12.81	19.10	1000	Pass
11ac (VHT80)	CH138	12.91	19.54	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.80	19.05	250	Pass
11a	CH44	12.38	17.30	250	Pass
11a	CH48	12.37	17.26	250	Pass
11n (HT20)	CH36	12.62	18.28	250	Pass
11n (HT20)	CH44	12.56	18.03	250	Pass
11n (HT20)	CH48	12.59	18.16	250	Pass
11n (HT40)	CH38	12.62	18.28	250	Pass
11n (HT40)	CH46	12.78	18.97	250	Pass
11ac (VHT20)	CH36	12.72	18.71	250	Pass
11ac (VHT20)	CH44	12.69	18.58	250	Pass
11ac (HVT20)	CH48	12.72	18.71	250	Pass
11ac (VHT40)	CH38	12.55	17.99	250	Pass
11ac (VHT40)	CH46	12.73	18.75	250	Pass
11ac (VHT80)	CH42	12.01	15.89	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	12.62	18.28	250	Pass
11a	CH60	12.76	18.88	250	Pass
11a	CH64	12.41	17.42	250	Pass
11n (HT20)	CH52	12.66	18.45	250	Pass
11n (HT20)	CH60	12.52	17.86	250	Pass
11n (HT20)	CH64	12.69	18.58	250	Pass
11n (HT40)	CH54	12.43	17.50	250	Pass
11n (HT40)	CH62	10.47	11.14	250	Pass
11ac (VHT20)	CH52	12.72	18.71	250	Pass
11ac (VHT20)	CH60	12.62	18.28	250	Pass
11ac (HVT20)	CH64	12.73	18.75	250	Pass
11ac (VHT40)	CH54	12.91	19.54	250	Pass
11ac (VHT40)	CH62	10.82	12.08	250	Pass
11ac (VHT80)	CH58	11.02	12.65	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	12.61	18.24	250	Pass
11a	CH116	12.79	19.01	250	Pass
11a	CH140	12.72	18.71	250	Pass
11n (HT20)	CH100	12.76	18.88	250	Pass
11n (HT20)	CH116	12.54	17.95	250	Pass
11n (HT20)	CH140	12.72	18.71	250	Pass
11n (HT40)	CH102	12.52	17.86	250	Pass
11n (HT40)	CH118	12.66	18.45	250	Pass
11n (HT40)	CH134	12.74	18.79	250	Pass
11ac (VHT20)	CH100	12.53	17.91	250	Pass
11ac (VHT20)	CH116	12.63	18.32	250	Pass
11ac (VHT20)	CH140	12.75	18.84	250	Pass
11ac (VHT40)	CH102	12.59	18.16	250	Pass
11ac (VHT40)	CH118	12.75	18.84	250	Pass
11ac (VHT40)	CH134	12.83	19.19	250	Pass
11ac (VHT80)	CH106	12.52	17.86	250	Pass
11ac (VHT80)	CH122	12.52	17.86	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.75	18.84	1000	Pass
11a	CH157	12.92	19.59	1000	Pass
11a	CH165	12.70	18.62	1000	Pass
11n (HT20)	CH149	12.48	17.70	1000	Pass
11n (HT20)	CH157	12.75	18.84	1000	Pass
11n (HT20)	CH165	12.44	17.54	1000	Pass
11n (HT40)	CH151	12.83	19.19	1000	Pass
11n (HT40)	CH159	12.77	18.92	1000	Pass
11ac (VHT20)	CH149	12.62	18.28	1000	Pass
11ac (VHT20)	CH157	12.71	18.66	1000	Pass
11ac (VHT20)	CH165	12.50	17.78	1000	Pass
11ac (VHT40)	CH151	12.47	17.66	1000	Pass
11ac (VHT40)	CH159	12.42	17.46	1000	Pass
11ac (VHT80)	CH155	12.86	19.32	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	12.71	18.66	208	Pass
11n (HT20)	CH144	12.85	19.28	213	Pass
11n (HT40)	CH142	12.44	17.54	250	Pass
11ac (VHT20)	CH144	12.65	18.41	214	Pass
11ac (VHT40)	CH142	12.53	17.91	250	Pass
11ac (VHT80)	CH138	12.53	17.91	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	12.71	18.66	1000	Pass
11n (HT20)	CH144	12.85	19.28	1000	Pass
11n (HT40)	CH142	12.44	17.54	1000	Pass
11ac (VHT20)	CH144	12.65	18.41	1000	Pass
11ac (VHT40)	CH142	12.53	17.91	1000	Pass
11ac (VHT80)	CH138	12.53	17.91	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.68	37.00	250	Pass
11a	CH44	15.47	35.25	250	Pass
11a	CH48	15.44	35.00	250	Pass
11n (HT20)	CH36	15.73	37.38	250	Pass
11n (HT20)	CH44	15.73	37.39	250	Pass
11n (HT20)	CH48	15.67	36.91	250	Pass
11n (HT40)	CH38	15.69	37.03	250	Pass
11n (HT40)	CH46	15.71	37.21	250	Pass
11ac (VHT20)	CH36	15.79	37.89	250	Pass
11ac (VHT20)	CH44	15.57	36.08	250	Pass
11ac (HVT20)	CH48	15.78	37.81	250	Pass
11ac (VHT40)	CH38	15.70	37.18	250	Pass
11ac (VHT40)	CH46	15.63	36.53	250	Pass
11ac (VHT80)	CH42	15.04	31.92	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.66	36.77	250	Pass
11a	CH60	15.70	37.16	250	Pass
11a	CH64	15.40	34.68	250	Pass
11n (HT20)	CH52	15.60	36.27	250	Pass
11n (HT20)	CH60	15.51	35.53	250	Pass
11n (HT20)	CH64	15.71	37.24	250	Pass
11n (HT40)	CH54	15.50	35.45	250	Pass
11n (HT40)	CH62	13.67	23.30	250	Pass
11ac (VHT20)	CH52	15.61	36.41	250	Pass
11ac (VHT20)	CH60	15.53	35.70	250	Pass
11ac (HVT20)	CH64	15.71	37.24	250	Pass
11ac (VHT40)	CH54	15.79	37.95	250	Pass
11ac (VHT40)	CH62	13.85	24.24	250	Pass
11ac (VHT80)	CH58	13.94	24.75	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.63	36.56	250	Pass
11a	CH116	15.62	36.51	250	Pass
11a	CH140	15.59	36.25	250	Pass
11n (HT20)	CH100	15.64	36.62	250	Pass
11n (HT20)	CH116	15.61	36.36	250	Pass
11n (HT20)	CH140	15.69	37.03	250	Pass
11n (HT40)	CH102	15.67	36.88	250	Pass
11n (HT40)	CH118	15.63	36.52	250	Pass
11n (HT40)	CH134	15.58	36.13	250	Pass
11ac (VHT20)	CH100	15.46	35.12	250	Pass
11ac (VHT20)	CH116	15.69	37.07	250	Pass
11ac (VHT20)	CH140	15.74	37.46	250	Pass
11ac (VHT40)	CH102	15.51	35.57	250	Pass
11ac (VHT40)	CH118	15.72	37.29	250	Pass
11ac (VHT40)	CH134	15.71	37.22	250	Pass
11ac (VHT80)	CH106	15.54	35.77	250	Pass
11ac (VHT80)	CH122	15.67	36.92	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.81	38.11	1000	Pass
11a	CH157	15.83	38.25	1000	Pass
11a	CH165	15.63	36.57	1000	Pass
11n (HT20)	CH149	15.61	36.41	1000	Pass
11n (HT20)	CH157	15.65	36.70	1000	Pass
11n (HT20)	CH165	15.45	35.08	1000	Pass
11n (HT40)	CH151	15.61	36.41	1000	Pass
11n (HT40)	CH159	15.72	37.29	1000	Pass
11ac (VHT20)	CH149	15.65	36.73	1000	Pass
11ac (VHT20)	CH157	15.62	36.45	1000	Pass
11ac (VHT20)	CH165	15.43	34.92	1000	Pass
11ac (VHT40)	CH151	15.49	35.36	1000	Pass
11ac (VHT40)	CH159	15.53	35.74	1000	Pass
11ac (VHT80)	CH155	15.71	37.27	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	15.56	36.00	208	Pass
11n (HT20)	CH144	15.85	38.46	209	Pass
11n (HT40)	CH142	15.62	36.51	250	Pass
11ac (VHT20)	CH144	15.73	37.42	210	Pass
11ac (VHT40)	CH142	15.68	37.00	250	Pass
11ac (VHT80)	CH138	15.73	37.45	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	15.56	36.00	1000	Pass
11n (HT20)	CH144	15.85	38.46	1000	Pass
11n (HT40)	CH142	15.62	36.51	1000	Pass
11ac (VHT20)	CH144	15.73	37.42	1000	Pass
11ac (VHT40)	CH142	15.68	37.00	1000	Pass
11ac (VHT80)	CH138	15.73	37.45	1000	Pass

EIRP Power
Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH36	15.05	31.99	165	Pass
11a	CH44	15.05	31.99	166	Pass
11a	CH48	15.00	31.62	165	Pass
11n (HT20)	CH36	15.32	34.04	177	Pass
11n (HT20)	CH44	15.38	34.51	178	Pass
11n (HT20)	CH48	15.24	33.42	177	Pass
11n (HT40)	CH38	15.24	33.42	200	Pass
11n (HT40)	CH46	15.12	32.51	200	Pass
11ac (VHT20)	CH36	15.34	34.20	177	Pass
11ac (VHT20)	CH44	14.94	31.19	177	Pass
11ac (HVT20)	CH48	15.32	34.04	177	Pass
11ac (VHT40)	CH38	15.34	34.20	200	Pass
11ac (VHT40)	CH46	15.01	31.70	200	Pass
11ac (VHT80)	CH42	14.56	28.58	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH52	15.18	32.96	829	Pass
11a	CH60	15.13	32.58	830	Pass
11a	CH64	14.88	30.76	829	Pass
11n (HT20)	CH52	15.02	31.77	885	Pass
11n (HT20)	CH60	14.98	31.48	885	Pass
11n (HT20)	CH64	15.22	33.27	885	Pass
11n (HT40)	CH54	15.05	31.99	1000	Pass
11n (HT40)	CH62	13.36	21.68	1000	Pass
11ac (VHT20)	CH52	14.99	31.55	885	Pass
11ac (VHT20)	CH60	14.92	31.05	886	Pass
11ac (HVT20)	CH64	15.18	32.96	886	Pass
11ac (VHT40)	CH54	15.16	32.81	1000	Pass
11ac (VHT40)	CH62	13.36	21.68	1000	Pass
11ac (VHT80)	CH58	13.34	21.58	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH100	15.12	32.51	832	Pass
11a	CH116	14.92	31.05	834	Pass
11a	CH140	14.93	31.12	833	Pass
11n (HT20)	CH100	14.98	31.48	888	Pass
11n (HT20)	CH116	15.14	32.66	892	Pass
11n (HT20)	CH140	15.12	32.51	891	Pass
11n (HT40)	CH102	15.28	33.73	1000	Pass
11n (HT40)	CH118	15.06	32.06	1000	Pass
11n (HT40)	CH134	14.88	30.76	1000	Pass
11ac (VHT20)	CH100	14.85	30.55	889	Pass
11ac (VHT20)	CH116	15.22	33.27	891	Pass
11ac (VHT20)	CH140	15.19	33.04	891	Pass
11ac (VHT40)	CH102	14.90	30.90	1000	Pass
11ac (VHT40)	CH118	15.15	32.73	1000	Pass
11ac (VHT40)	CH134	15.05	31.99	1000	Pass
11ac (VHT80)	CH106	15.02	31.77	1000	Pass
11ac (VHT80)	CH122	15.29	33.81	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH149	15.37	34.43	Pass
11a	CH157	15.23	33.34	Pass
11a	CH165	15.06	32.06	Pass
11n (HT20)	CH149	15.24	33.42	Pass
11n (HT20)	CH157	15.04	31.92	Pass
11n (HT20)	CH165	14.96	31.33	Pass
11n (HT40)	CH151	14.88	30.76	Pass
11n (HT40)	CH159	15.16	32.81	Pass
11ac (VHT20)	CH149	15.18	32.96	Pass
11ac (VHT20)	CH157	15.02	31.77	Pass
11ac (VHT20)	CH165	14.86	30.62	Pass
11ac (VHT40)	CH151	15.00	31.62	Pass
11ac (VHT40)	CH159	15.14	32.66	Pass
11ac (VHT80)	CH155	15.06	32.06	Pass

U-NII-2C straddle channel					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH144	14.88	30.76	667	Pass
11n (HT20)	CH144	15.32	34.04	697	Pass
11n (HT40)	CH142	15.27	33.65	1000	Pass
11ac (VHT20)	CH144	15.28	33.73	697	Pass
11ac (VHT40)	CH142	15.30	33.88	1000	Pass
11ac (VHT80)	CH138	15.40	34.67	1000	Pass

U-NII-3 straddle channel				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH144	14.91	30.97	Pass
11n (HT20)	CH144	15.35	34.28	Pass
11n (HT40)	CH142	15.30	33.88	Pass
11ac (VHT20)	CH144	15.31	33.96	Pass
11ac (VHT40)	CH142	15.33	34.12	Pass
11ac (VHT80)	CH138	15.43	34.91	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH36	14.72	29.65	167	Pass
11a	CH44	14.30	26.92	167	Pass
11a	CH48	14.29	26.85	166	Pass
11n (HT20)	CH36	14.54	28.44	178	Pass
11n (HT20)	CH44	14.48	28.05	178	Pass
11n (HT20)	CH48	14.51	28.25	178	Pass
11n (HT40)	CH38	14.54	28.44	200	Pass
11n (HT40)	CH46	14.70	29.51	200	Pass
11ac (VHT20)	CH36	14.64	29.11	178	Pass
11ac (VHT20)	CH44	14.61	28.91	178	Pass
11ac (HVT20)	CH48	14.64	29.11	178	Pass
11ac (VHT40)	CH38	14.47	27.99	200	Pass
11ac (VHT40)	CH46	14.65	29.17	200	Pass
11ac (VHT80)	CH42	13.93	24.72	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH52	14.54	28.44	833	Pass
11a	CH60	14.68	29.38	834	Pass
11a	CH64	14.33	27.10	834	Pass
11n (HT20)	CH52	14.58	28.71	891	Pass
11n (HT20)	CH60	14.44	27.80	891	Pass
11n (HT20)	CH64	14.61	28.91	892	Pass
11n (HT40)	CH54	14.35	27.23	1000	Pass
11n (HT40)	CH62	12.39	17.34	1000	Pass
11ac (VHT20)	CH52	14.64	29.11	893	Pass
11ac (VHT20)	CH60	14.54	28.44	892	Pass
11ac (HVT20)	CH64	14.65	29.17	892	Pass
11ac (VHT40)	CH54	14.83	30.41	1000	Pass
11ac (VHT40)	CH62	12.74	18.79	1000	Pass
11ac (VHT80)	CH58	12.94	19.68	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH100	14.03	25.29	834	Pass
11a	CH116	14.21	26.36	834	Pass
11a	CH140	14.14	25.94	833	Pass
11n (HT20)	CH100	14.18	26.18	891	Pass
11n (HT20)	CH116	13.96	24.89	892	Pass
11n (HT20)	CH140	14.14	25.94	890	Pass
11n (HT40)	CH102	13.94	24.77	1000	Pass
11n (HT40)	CH118	14.08	25.59	1000	Pass
11n (HT40)	CH134	14.16	26.06	1000	Pass
11ac (VHT20)	CH100	13.95	24.83	892	Pass
11ac (VHT20)	CH116	14.05	25.41	892	Pass
11ac (VHT20)	CH140	14.17	26.12	891	Pass
11ac (VHT40)	CH102	14.01	25.18	1000	Pass
11ac (VHT40)	CH118	14.17	26.12	1000	Pass
11ac (VHT40)	CH134	14.25	26.61	1000	Pass
11ac (VHT80)	CH106	13.94	24.77	1000	Pass
11ac (VHT80)	CH122	13.94	24.77	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH149	14.84	30.48	Pass
11a	CH157	15.01	31.70	Pass
11a	CH165	14.79	30.13	Pass
11n (HT20)	CH149	14.57	28.64	Pass
11n (HT20)	CH157	14.84	30.48	Pass
11n (HT20)	CH165	14.53	28.38	Pass
11n (HT40)	CH151	14.92	31.05	Pass
11n (HT40)	CH159	14.86	30.62	Pass
11ac (VHT20)	CH149	14.71	29.58	Pass
11ac (VHT20)	CH157	14.80	30.20	Pass
11ac (VHT20)	CH165	14.59	28.77	Pass
11ac (VHT40)	CH151	14.56	28.58	Pass
11ac (VHT40)	CH159	14.51	28.25	Pass
11ac (VHT80)	CH155	14.95	31.26	Pass

U-NII-2C straddle channel					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH144	14.13	25.88	667	Pass
11n (HT20)	CH144	14.27	26.73	697	Pass
11n (HT40)	CH142	13.86	24.32	1000	Pass
11ac (VHT20)	CH144	14.07	25.53	697	Pass
11ac (VHT40)	CH142	13.95	24.83	1000	Pass
11ac (VHT80)	CH138	13.95	24.83	1000	Pass

U-NII-3 straddle channel				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH144	14.80	30.20	Pass
11n (HT20)	CH144	14.94	31.19	Pass
11n (HT40)	CH142	14.53	28.38	Pass
11ac (VHT20)	CH144	14.74	29.79	Pass
11ac (VHT40)	CH142	14.62	28.97	Pass
11ac (VHT80)	CH138	14.62	28.97	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH36	17.90	61.64	165	Pass
11a	CH44	17.70	58.90	166	Pass
11a	CH48	17.67	58.48	165	Pass
11n (HT20)	CH36	17.96	62.49	177	Pass
11n (HT20)	CH44	17.96	62.57	178	Pass
11n (HT20)	CH48	17.90	61.67	177	Pass
11n (HT40)	CH38	17.91	61.86	200	Pass
11n (HT40)	CH46	17.93	62.02	200	Pass
11ac (VHT20)	CH36	18.01	63.31	177	Pass
11ac (VHT20)	CH44	17.79	60.10	177	Pass
11ac (HVT20)	CH48	18.00	63.15	177	Pass
11ac (VHT40)	CH38	17.94	62.19	200	Pass
11ac (VHT40)	CH46	17.84	60.87	200	Pass
11ac (VHT80)	CH42	17.27	53.29	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH52	17.88	61.41	829	Pass
11a	CH60	17.92	61.96	830	Pass
11a	CH64	17.62	57.86	829	Pass
11n (HT20)	CH52	17.82	60.48	885	Pass
11n (HT20)	CH60	17.73	59.27	885	Pass
11n (HT20)	CH64	17.94	62.17	885	Pass
11n (HT40)	CH54	17.72	59.22	1000	Pass
11n (HT40)	CH62	15.91	39.02	1000	Pass
11ac (VHT20)	CH52	17.83	60.66	885	Pass
11ac (VHT20)	CH60	17.74	59.49	886	Pass
11ac (HVT20)	CH64	17.93	62.14	886	Pass
11ac (VHT40)	CH54	18.01	63.22	1000	Pass
11ac (VHT40)	CH62	16.07	40.47	1000	Pass
11ac (VHT80)	CH58	16.15	41.26	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH100	17.62	57.80	832	Pass
11a	CH116	17.59	57.41	834	Pass
11a	CH140	17.56	57.06	833	Pass
11n (HT20)	CH100	17.61	57.66	888	Pass
11n (HT20)	CH116	17.60	57.55	892	Pass
11n (HT20)	CH140	17.67	58.45	890	Pass
11n (HT40)	CH102	17.67	58.50	1000	Pass
11n (HT40)	CH118	17.61	57.65	1000	Pass
11n (HT40)	CH134	17.55	56.82	1000	Pass
11ac (VHT20)	CH100	17.43	55.38	889	Pass
11ac (VHT20)	CH116	17.68	58.68	891	Pass
11ac (VHT20)	CH140	17.72	59.16	891	Pass
11ac (VHT40)	CH102	17.49	56.08	1000	Pass
11ac (VHT40)	CH118	17.70	58.86	1000	Pass
11ac (VHT40)	CH134	17.68	58.60	1000	Pass
11ac (VHT80)	CH106	17.52	56.54	1000	Pass
11ac (VHT80)	CH122	17.68	58.58	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH149	18.12	64.91	Pass
11a	CH157	18.13	65.04	Pass
11a	CH165	17.94	62.19	Pass
11n (HT20)	CH149	17.93	62.06	Pass
11n (HT20)	CH157	17.95	62.39	Pass
11n (HT20)	CH165	17.76	59.71	Pass
11n (HT40)	CH151	17.91	61.81	Pass
11n (HT40)	CH159	18.02	63.43	Pass
11ac (VHT20)	CH149	17.96	62.54	Pass
11ac (VHT20)	CH157	17.92	61.97	Pass
11ac (VHT20)	CH165	17.74	59.39	Pass
11ac (VHT40)	CH151	17.80	60.20	Pass
11ac (VHT40)	CH159	17.85	60.91	Pass
11ac (VHT80)	CH155	18.02	63.32	Pass

U-NII-2C straddle channel					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	EIRP Limit (mW)	Verdict
11a	CH144	17.53	56.64	667	Pass
11n (HT20)	CH144	17.84	60.77	697	Pass
11n (HT40)	CH142	17.63	57.97	1000	Pass
11ac (VHT20)	CH144	17.73	59.26	697	Pass
11ac (VHT40)	CH142	17.69	58.72	1000	Pass
11ac (VHT80)	CH138	17.75	59.51	1000	Pass

U-NII-3 straddle channel				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH144	17.87	61.17	Pass
11n (HT20)	CH144	18.16	65.47	Pass
11n (HT40)	CH142	17.94	62.26	Pass
11ac (VHT20)	CH144	18.04	63.75	Pass
11ac (VHT40)	CH142	18.00	63.09	Pass
11ac (VHT80)	CH138	18.05	63.89	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ21C1238-604 Data Part 1.pdf”.

Note ²: All the configurations were tested, but only the worst data was shown in this report.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.74	16.53
11a	CH44	20.79	16.56
11a	CH48	20.72	16.55
11n (HT20)	CH36	21.20	17.66
11n (HT20)	CH44	21.38	17.77
11n (HT20)	CH48	21.21	17.67
11n (HT40)	CH38	41.86	36.24
11n (HT40)	CH46	42.37	36.23
11ac (VHT20)	CH36	21.26	17.66
11ac (VHT20)	CH44	21.26	17.67
11ac (VHT20)	CH48	21.32	17.67
11ac (VHT40)	CH38	42.13	36.25
11ac (VHT40)	CH46	42.00	36.23
11ac (VHT80)	CH42	83.95	75.67

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.79	16.53
11a	CH60	20.82	16.55
11a	CH64	20.74	16.54
11n (HT20)	CH52	21.33	17.67
11n (HT20)	CH60	21.15	17.67
11n (HT20)	CH64	21.06	17.66
11n (HT40)	CH54	42.12	36.28
11n (HT40)	CH62	42.03	36.23
11ac (VHT20)	CH52	21.17	17.66
11ac (VHT20)	CH60	21.17	17.68
11ac (VHT20)	CH64	21.21	17.67
11ac (VHT40)	CH54	42.08	36.27
11ac (VHT40)	CH62	41.54	36.23
11ac (VHT80)	CH58	84.20	75.80

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.06	16.61
11a	CH116	23.43	16.64
11a	CH140	23.20	16.61
11n (HT20)	CH100	23.78	17.73
11n (HT20)	CH116	23.69	17.79
11n (HT20)	CH140	23.78	17.78
11n (HT40)	CH102	42.39	36.27
11n (HT40)	CH118	47.03	36.22
11n (HT40)	CH134	41.87	36.23
11ac (VHT20)	CH100	23.17	17.75
11ac (VHT20)	CH116	23.84	17.77
11ac (VHT20)	CH140	23.79	17.78
11ac (VHT40)	CH102	41.68	36.26
11ac (VHT40)	CH118	41.76	36.22
11ac (VHT40)	CH134	42.05	36.25
11ac (VHT80)	CH106	83.96	75.80
11ac (VHT80)	CH122	83.93	75.70

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.38	16.61
11a	CH157	22.84	16.63
11a	CH165	23.21	16.62
11n (HT20)	CH149	23.81	17.78
11n (HT20)	CH157	23.46	17.77
11n (HT20)	CH165	24.44	17.79
11n (HT40)	CH151	42.04	36.23
11n (HT40)	CH159	42.49	36.25
11ac (VHT20)	CH149	23.94	17.77
11ac (VHT20)	CH157	23.85	17.76
11ac (VHT20)	CH165	23.81	17.77
11ac (VHT40)	CH151	41.79	36.21
11ac (VHT40)	CH159	42.05	36.24
11ac (VHT80)	CH155	84.14	75.77

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	16.80	13.30
11n (HT20)	CH144	16.60	13.90
11n (HT40)	CH142	36.60	33.10
11ac (VHT20)	CH144	16.70	13.90
11ac (VHT40)	CH142	36.10	33.20
11ac (VHT80)	CH138	77.20	72.90

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	6.50	3.30
11n (HT20)	CH144	6.90	3.90
11n (HT40)	CH142	6.10	3.10
11ac (VHT20)	CH144	6.90	3.90
11ac (VHT40)	CH142	5.80	3.10
11ac (VHT80)	CH138	6.90	2.80

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.23	16.67
11a	CH44	23.16	16.65
11a	CH48	23.22	16.64
11n (HT20)	CH36	23.49	17.79
11n (HT20)	CH44	23.73	17.81
11n (HT20)	CH48	23.83	17.80
11n (HT40)	CH38	42.32	36.25
11n (HT40)	CH46	42.08	36.23
11ac (VHT20)	CH36	23.83	17.78
11ac (VHT20)	CH44	23.96	17.81
11ac (VHT20)	CH48	23.73	17.80
11ac (VHT40)	CH38	41.86	36.22
11ac (VHT40)	CH46	41.66	36.22
11ac (VHT80)	CH42	84.54	75.67

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.07	16.62
11a	CH60	22.95	16.64
11a	CH64	23.37	16.65
11n (HT20)	CH52	23.49	17.77
11n (HT20)	CH60	31.34	17.78
11n (HT20)	CH64	23.58	17.79
11n (HT40)	CH54	42.24	36.26
11n (HT40)	CH62	41.91	36.26
11ac (VHT20)	CH52	23.43	17.81
11ac (VHT20)	CH60	24.02	17.79
11ac (VHT20)	CH64	23.52	17.81
11ac (VHT40)	CH54	42.05	36.27
11ac (VHT40)	CH62	41.74	36.22
11ac (VHT80)	CH58	84.85	75.79

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.21	16.65
11a	CH116	23.57	16.64
11a	CH140	23.10	16.62
11n (HT20)	CH100	23.89	17.79
11n (HT20)	CH116	23.79	17.80
11n (HT20)	CH140	23.57	17.76
11n (HT40)	CH102	41.60	36.23
11n (HT40)	CH118	41.67	36.24
11n (HT40)	CH134	41.86	36.22
11ac (VHT20)	CH100	23.46	17.79
11ac (VHT20)	CH116	24.09	17.80
11ac (VHT20)	CH140	23.78	17.78
11ac (VHT40)	CH102	41.90	36.24
11ac (VHT40)	CH118	41.88	36.22
11ac (VHT40)	CH134	41.86	36.25
11ac (VHT80)	CH106	84.64	75.73
11ac (VHT80)	CH122	84.58	75.77

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.34	16.66
11a	CH157	23.10	16.61
11a	CH165	23.38	16.65
11n (HT20)	CH149	23.56	17.80
11n (HT20)	CH157	23.56	17.77
11n (HT20)	CH165	23.98	17.82
11n (HT40)	CH151	41.54	36.23
11n (HT40)	CH159	42.17	36.24
11ac (VHT20)	CH149	24.19	17.82
11ac (VHT20)	CH157	23.50	17.78
11ac (VHT20)	CH165	24.03	17.81
11ac (VHT40)	CH151	41.72	36.24
11ac (VHT40)	CH159	41.87	36.27
11ac (VHT80)	CH155	85.09	75.76

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	16.50	13.30
11n (HT20)	CH144	16.90	13.90
11n (HT40)	CH142	35.80	33.10
11ac (VHT20)	CH144	17.00	13.90
11ac (VHT40)	CH142	35.90	33.10
11ac (VHT80)	CH138	77.20	72.90

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	6.70	3.30
11n (HT20)	CH144	7.20	3.90
11n (HT40)	CH142	5.90	3.10
11ac (VHT20)	CH144	6.70	3.90
11ac (VHT40)	CH142	6.00	3.10
11ac (VHT80)	CH138	7.60	2.80

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ21C1238-604 Data Part 2.pdf”.

Note ²: All the configurations were tested, but only the worst data was shown in this report.

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.55	500.00	Pass
11a	CH157	15.80	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	15.80	500.00	Pass
11n (HT20)	CH157	15.75	500.00	Pass
11n (HT20)	CH165	16.10	500.00	Pass
11n (HT40)	CH151	35.55	500.00	Pass
11n (HT40)	CH159	36.35	500.00	Pass
11ac (VHT20)	CH149	16.15	500.00	Pass
11ac (VHT20)	CH157	17.60	500.00	Pass
11ac (VHT20)	CH165	15.25	500.00	Pass
11ac (VHT40)	CH151	35.25	500.00	Pass
11ac (VHT40)	CH159	35.40	500.00	Pass
11ac (VHT80)	CH155	75.25	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	3.20	500.00	Pass
11n (HT20)	CH144	3.40	500.00	Pass
11n (HT40)	CH142	2.60	500.00	Pass
11ac (VHT20)	CH144	2.60	500.00	Pass
11ac (VHT40)	CH142	3.15	500.00	Pass
11ac (VHT80)	CH138	2.60	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.40	500.00	Pass
11a	CH157	15.45	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	16.55	500.00	Pass
11n (HT20)	CH157	17.10	500.00	Pass
11n (HT20)	CH165	15.80	500.00	Pass
11n (HT40)	CH151	36.05	500.00	Pass
11n (HT40)	CH159	35.70	500.00	Pass
11ac (VHT20)	CH149	15.80	500.00	Pass
11ac (VHT20)	CH157	15.75	500.00	Pass
11ac (VHT20)	CH165	16.85	500.00	Pass
11ac (VHT40)	CH151	36.00	500.00	Pass
11ac (VHT40)	CH159	36.10	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	2.80	500.00	Pass
11n (HT20)	CH144	2.60	500.00	Pass
11n (HT40)	CH142	3.15	500.00	Pass
11ac (VHT20)	CH144	2.60	500.00	Pass
11ac (VHT40)	CH142	3.15	500.00	Pass
11ac (VHT80)	CH138	2.60	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document “Annex No.: BL-SZ21C1238-604 Data Part 3.pdf”.

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

Note³: All the configurations were tested, but only the worst data was shown in this report.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.53	11.00	Pass
11a	CH44	1.75	11.00	Pass
11a	CH48	1.66	11.00	Pass
11n (HT20)	CH36	1.20	11.00	Pass
11n (HT20)	CH44	1.09	11.00	Pass
11n (HT20)	CH48	1.56	11.00	Pass
11n (HT40)	CH38	-1.59	11.00	Pass
11n (HT40)	CH46	-1.41	11.00	Pass
11ac (VHT20)	CH36	1.14	11.00	Pass
11ac (VHT20)	CH44	1.78	11.00	Pass
11ac (VHT20)	CH48	1.58	11.00	Pass
11ac (VHT40)	CH38	-1.63	11.00	Pass
11ac (VHT40)	CH46	-1.49	11.00	Pass
11ac (VHT80)	CH42	-4.94	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	1.64	11.00	Pass
11a	CH60	1.54	11.00	Pass
11a	CH64	1.64	11.00	Pass
11n (HT20)	CH52	1.65	11.00	Pass
11n (HT20)	CH60	1.68	11.00	Pass
11n (HT20)	CH64	1.71	11.00	Pass
11n (HT40)	CH54	-1.40	11.00	Pass
11n (HT40)	CH62	-3.46	11.00	Pass
11ac (VHT20)	CH52	1.70	11.00	Pass
11ac (VHT20)	CH60	1.73	11.00	Pass
11ac (VHT20)	CH64	1.68	11.00	Pass
11ac (VHT40)	CH54	-1.30	11.00	Pass
11ac (VHT40)	CH62	-3.40	11.00	Pass
11ac (VHT80)	CH58	-6.12	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.66	11.00	Pass
11a	CH116	1.84	11.00	Pass
11a	CH140	1.66	11.00	Pass
11n (HT20)	CH100	1.82	11.00	Pass
11n (HT20)	CH116	1.51	11.00	Pass
11n (HT20)	CH140	1.27	11.00	Pass
11n (HT40)	CH102	-1.43	11.00	Pass
11n (HT40)	CH118	-1.27	11.00	Pass
11n (HT40)	CH134	-1.45	11.00	Pass
11ac (VHT20)	CH100	1.87	11.00	Pass
11ac (VHT20)	CH116	1.43	11.00	Pass
11ac (VHT20)	CH140	1.28	11.00	Pass
11ac (VHT40)	CH102	-1.41	11.00	Pass
11ac (VHT40)	CH118	-1.21	11.00	Pass
11ac (VHT40)	CH134	-1.44	11.00	Pass
11ac (VHT80)	CH106	-4.38	11.00	Pass
11ac (VHT80)	CH122	-4.26	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.93	30.00	Pass
11a	CH157	-1.19	30.00	Pass
11a	CH165	-0.98	30.00	Pass
11n (HT20)	CH149	-1.55	30.00	Pass
11n (HT20)	CH157	-1.12	30.00	Pass
11n (HT20)	CH165	-1.60	30.00	Pass
11n (HT40)	CH151	-4.01	30.00	Pass
11n (HT40)	CH159	-4.45	30.00	Pass
11ac (VHT20)	CH149	-1.06	30.00	Pass
11ac (VHT20)	CH157	-1.13	30.00	Pass
11ac (VHT20)	CH165	-0.95	30.00	Pass
11ac (VHT40)	CH151	-3.92	30.00	Pass
11ac (VHT40)	CH159	-4.39	30.00	Pass
11ac (VHT80)	CH155	-7.43	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	1.72	11.00	Pass
11n (HT20)	CH144	1.29	11.00	Pass
11n (HT40)	CH142	-1.39	11.00	Pass
11ac (VHT20)	CH144	1.31	11.00	Pass
11ac (VHT40)	CH142	-1.72	11.00	Pass
11ac (VHT80)	CH138	-5.53	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-0.87	30.00	Pass
11n (HT20)	CH144	-1.30	30.00	Pass
11n (HT40)	CH142	-4.04	30.00	Pass
11ac (VHT20)	CH144	-1.36	30.00	Pass
11ac (VHT40)	CH142	-4.40	30.00	Pass
11ac (VHT80)	CH138	-7.09	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.76	11.00	Pass
11a	CH44	1.78	11.00	Pass
11a	CH48	1.71	11.00	Pass
11n (HT20)	CH36	1.37	11.00	Pass
11n (HT20)	CH44	1.43	11.00	Pass
11n (HT20)	CH48	1.43	11.00	Pass
11n (HT40)	CH38	-1.58	11.00	Pass
11n (HT40)	CH46	-1.63	11.00	Pass
11ac (VHT20)	CH36	1.45	11.00	Pass
11ac (VHT20)	CH44	1.46	11.00	Pass
11ac (VHT20)	CH48	1.25	11.00	Pass
11ac (VHT40)	CH38	-1.62	11.00	Pass
11ac (VHT40)	CH46	-1.67	11.00	Pass
11ac (VHT80)	CH42	-4.84	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	1.56	11.00	Pass
11a	CH60	1.60	11.00	Pass
11a	CH64	1.54	11.00	Pass
11n (HT20)	CH52	1.10	11.00	Pass
11n (HT20)	CH60	1.18	11.00	Pass
11n (HT20)	CH64	1.10	11.00	Pass
11n (HT40)	CH54	-1.67	11.00	Pass
11n (HT40)	CH62	-3.74	11.00	Pass
11ac (VHT20)	CH52	1.24	11.00	Pass
11ac (VHT20)	CH60	1.18	11.00	Pass
11ac (VHT20)	CH64	1.06	11.00	Pass
11ac (VHT40)	CH54	-1.62	11.00	Pass
11ac (VHT40)	CH62	-3.69	11.00	Pass
11ac (VHT80)	CH58	-6.21	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.89	11.00	Pass
11a	CH116	1.55	11.00	Pass
11a	CH140	1.90	11.00	Pass
11n (HT20)	CH100	1.43	11.00	Pass
11n (HT20)	CH116	1.58	11.00	Pass
11n (HT20)	CH140	1.45	11.00	Pass
11n (HT40)	CH102	-1.62	11.00	Pass
11n (HT40)	CH118	-1.58	11.00	Pass
11n (HT40)	CH134	-1.39	11.00	Pass
11ac (VHT20)	CH100	1.43	11.00	Pass
11ac (VHT20)	CH116	1.69	11.00	Pass
11ac (VHT20)	CH140	1.45	11.00	Pass
11ac (VHT40)	CH102	-1.59	11.00	Pass
11ac (VHT40)	CH118	-1.59	11.00	Pass
11ac (VHT40)	CH134	-1.41	11.00	Pass
11ac (VHT80)	CH106	-4.13	11.00	Pass
11ac (VHT80)	CH122	-4.57	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.22	30.00	Pass
11a	CH157	-0.96	30.00	Pass
11a	CH165	-1.19	30.00	Pass
11n (HT20)	CH149	-1.57	30.00	Pass
11n (HT20)	CH157	-1.31	30.00	Pass
11n (HT20)	CH165	-1.56	30.00	Pass
11n (HT40)	CH151	-4.12	30.00	Pass
11n (HT40)	CH159	-4.30	30.00	Pass
11ac (VHT20)	CH149	-1.50	30.00	Pass
11ac (VHT20)	CH157	-1.34	30.00	Pass
11ac (VHT20)	CH165	-1.59	30.00	Pass
11ac (VHT40)	CH151	-4.15	30.00	Pass
11ac (VHT40)	CH159	-4.19	30.00	Pass
11ac (VHT80)	CH155	-7.43	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	1.76	11.00	Pass
11n (HT20)	CH144	1.32	11.00	Pass
11n (HT40)	CH142	-1.40	11.00	Pass
11ac (VHT20)	CH144	1.31	11.00	Pass
11ac (VHT40)	CH142	-1.37	11.00	Pass
11ac (VHT80)	CH138	-3.28	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-0.87	30.00	Pass
11n (HT20)	CH144	-1.37	30.00	Pass
11n (HT40)	CH142	-4.25	30.00	Pass
11ac (VHT20)	CH144	-1.39	30.00	Pass
11ac (VHT40)	CH142	-4.19	30.00	Pass
11ac (VHT80)	CH138	-7.27	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.66	11.00	Pass
11a	CH44	4.78	11.00	Pass
11a	CH48	4.70	11.00	Pass
11n (HT20)	CH36	4.30	11.00	Pass
11n (HT20)	CH44	4.28	11.00	Pass
11n (HT20)	CH48	4.51	11.00	Pass
11n (HT40)	CH38	1.43	11.00	Pass
11n (HT40)	CH46	1.49	11.00	Pass
11ac (VHT20)	CH36	4.30	11.00	Pass
11ac (VHT20)	CH44	4.63	11.00	Pass
11ac (VHT20)	CH48	4.43	11.00	Pass
11ac (VHT40)	CH38	1.38	11.00	Pass
11ac (VHT40)	CH46	1.43	11.00	Pass
11ac (VHT80)	CH42	-1.88	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.61	11.00	Pass
11a	CH60	4.58	11.00	Pass
11a	CH64	4.60	11.00	Pass
11n (HT20)	CH52	4.40	11.00	Pass
11n (HT20)	CH60	4.45	11.00	Pass
11n (HT20)	CH64	4.42	11.00	Pass
11n (HT40)	CH54	1.48	11.00	Pass
11n (HT40)	CH62	-0.59	11.00	Pass
11ac (VHT20)	CH52	4.49	11.00	Pass
11ac (VHT20)	CH60	4.48	11.00	Pass
11ac (VHT20)	CH64	4.39	11.00	Pass
11ac (VHT40)	CH54	1.56	11.00	Pass
11ac (VHT40)	CH62	-0.53	11.00	Pass
11ac (VHT80)	CH58	-3.15	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.78	11.00	Pass
11a	CH116	4.71	11.00	Pass
11a	CH140	4.79	11.00	Pass
11n (HT20)	CH100	4.64	11.00	Pass
11n (HT20)	CH116	4.55	11.00	Pass
11n (HT20)	CH140	4.37	11.00	Pass
11n (HT40)	CH102	1.49	11.00	Pass
11n (HT40)	CH118	1.59	11.00	Pass
11n (HT40)	CH134	1.59	11.00	Pass
11ac (VHT20)	CH100	4.67	11.00	Pass
11ac (VHT20)	CH116	4.57	11.00	Pass
11ac (VHT20)	CH140	4.38	11.00	Pass
11ac (VHT40)	CH102	1.51	11.00	Pass
11ac (VHT40)	CH118	1.61	11.00	Pass
11ac (VHT40)	CH134	1.59	11.00	Pass
11ac (VHT80)	CH106	-1.24	11.00	Pass
11ac (VHT80)	CH122	-1.40	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.94	30.00	Pass
11a	CH157	1.94	30.00	Pass
11a	CH165	1.93	30.00	Pass
11n (HT20)	CH149	1.45	30.00	Pass
11n (HT20)	CH157	1.80	30.00	Pass
11n (HT20)	CH165	1.43	30.00	Pass
11n (HT40)	CH151	-1.05	30.00	Pass
11n (HT40)	CH159	-1.36	30.00	Pass
11ac (VHT20)	CH149	1.74	30.00	Pass
11ac (VHT20)	CH157	1.78	30.00	Pass
11ac (VHT20)	CH165	1.75	30.00	Pass
11ac (VHT40)	CH151	-1.02	30.00	Pass
11ac (VHT40)	CH159	-1.27	30.00	Pass
11ac (VHT80)	CH155	-4.42	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	4.75	11.00	Pass
11n (HT20)	CH144	4.32	11.00	Pass
11n (HT40)	CH142	1.62	11.00	Pass
11ac (VHT20)	CH144	4.32	11.00	Pass
11ac (VHT40)	CH142	1.47	11.00	Pass
11ac (VHT80)	CH138	-1.25	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	2.14	30.00	Pass
11n (HT20)	CH144	1.67	30.00	Pass
11n (HT40)	CH142	-1.13	30.00	Pass
11ac (VHT20)	CH144	1.64	30.00	Pass
11ac (VHT40)	CH142	-1.28	30.00	Pass
11ac (VHT80)	CH138	-4.17	30.00	Pass

EIRP PSD

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11a	CH36	4.04	10.00	Pass
11a	CH44	4.26	10.00	Pass
11a	CH48	4.17	10.00	Pass
11n (HT20)	CH36	3.71	10.00	Pass
11n (HT20)	CH44	3.60	10.00	Pass
11n (HT20)	CH48	4.07	10.00	Pass
11n (HT40)	CH38	0.92	10.00	Pass
11n (HT40)	CH46	1.10	10.00	Pass
11ac (VHT20)	CH36	3.65	10.00	Pass
11ac (VHT20)	CH44	4.29	10.00	Pass
11ac (VHT20)	CH48	4.09	10.00	Pass
11ac (VHT40)	CH38	0.88	10.00	Pass
11ac (VHT40)	CH46	1.02	10.00	Pass
11ac (VHT80)	CH42	-2.43	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH52	4.15	Pass
11a	CH60	4.05	Pass
11a	CH64	4.15	Pass
11n (HT20)	CH52	4.16	Pass
11n (HT20)	CH60	4.19	Pass
11n (HT20)	CH64	4.22	Pass
11n (HT40)	CH54	1.11	Pass
11n (HT40)	CH62	-0.95	Pass
11ac (VHT20)	CH52	4.21	Pass
11ac (VHT20)	CH60	4.24	Pass
11ac (VHT20)	CH64	4.19	Pass
11ac (VHT40)	CH54	1.21	Pass
11ac (VHT40)	CH62	-0.89	Pass
11ac (VHT80)	CH58	-3.61	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH100	4.15	Pass
11a	CH116	4.33	Pass
11a	CH140	4.15	Pass
11n (HT20)	CH100	4.31	Pass
11n (HT20)	CH116	4.00	Pass
11n (HT20)	CH140	3.76	Pass
11n (HT40)	CH102	1.06	Pass
11n (HT40)	CH118	1.22	Pass
11n (HT40)	CH134	1.04	Pass
11ac (VHT20)	CH100	4.36	Pass
11ac (VHT20)	CH116	3.92	Pass
11ac (VHT20)	CH140	3.77	Pass
11ac (VHT40)	CH102	1.08	Pass
11ac (VHT40)	CH118	1.28	Pass
11ac (VHT40)	CH134	1.05	Pass
11ac (VHT80)	CH106	-1.89	Pass
11ac (VHT80)	CH122	-1.77	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH149	1.59	Pass
11a	CH157	1.33	Pass
11a	CH165	1.54	Pass
11n (HT20)	CH149	0.97	Pass
11n (HT20)	CH157	1.40	Pass
11n (HT20)	CH165	0.92	Pass
11n (HT40)	CH151	-1.49	Pass
11n (HT40)	CH159	-1.93	Pass
11ac (VHT20)	CH149	1.46	Pass
11ac (VHT20)	CH157	1.39	Pass
11ac (VHT20)	CH165	1.57	Pass
11ac (VHT40)	CH151	-1.40	Pass
11ac (VHT40)	CH159	-1.87	Pass
11ac (VHT80)	CH155	-4.91	Pass

U-NII-2C straddle channel			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH144	4.21	Pass
11n (HT20)	CH144	3.78	Pass
11n (HT40)	CH142	1.10	Pass
11ac (VHT20)	CH144	3.80	Pass
11ac (VHT40)	CH142	0.77	Pass
11ac (VHT80)	CH138	-3.04	Pass

U-NII-3 straddle channel			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH144	1.65	Pass
11n (HT20)	CH144	1.22	Pass
11n (HT40)	CH142	-1.52	Pass
11ac (VHT20)	CH144	1.16	Pass
11ac (VHT40)	CH142	-1.88	Pass
11ac (VHT80)	CH138	-4.57	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11a	CH36	3.68	10.00	Pass
11a	CH44	3.70	10.00	Pass
11a	CH48	3.63	10.00	Pass
11n (HT20)	CH36	3.29	10.00	Pass
11n (HT20)	CH44	3.35	10.00	Pass
11n (HT20)	CH48	3.35	10.00	Pass
11n (HT40)	CH38	0.34	10.00	Pass
11n (HT40)	CH46	0.29	10.00	Pass
11ac (VHT20)	CH36	3.37	10.00	Pass
11ac (VHT20)	CH44	3.38	10.00	Pass
11ac (VHT20)	CH48	3.17	10.00	Pass
11ac (VHT40)	CH38	0.30	10.00	Pass
11ac (VHT40)	CH46	0.25	10.00	Pass
11ac (VHT80)	CH42	-2.92	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH52	3.48	Pass
11a	CH60	3.52	Pass
11a	CH64	3.46	Pass
11n (HT20)	CH52	3.02	Pass
11n (HT20)	CH60	3.10	Pass
11n (HT20)	CH64	3.02	Pass
11n (HT40)	CH54	0.25	Pass
11n (HT40)	CH62	-1.82	Pass
11ac (VHT20)	CH52	3.16	Pass
11ac (VHT20)	CH60	3.10	Pass
11ac (VHT20)	CH64	2.98	Pass
11ac (VHT40)	CH54	0.30	Pass
11ac (VHT40)	CH62	-1.77	Pass
11ac (VHT80)	CH58	-4.29	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH100	3.31	Pass
11a	CH116	2.97	Pass
11a	CH140	3.32	Pass
11n (HT20)	CH100	2.85	Pass
11n (HT20)	CH116	3.00	Pass
11n (HT20)	CH140	2.87	Pass
11n (HT40)	CH102	-0.20	Pass
11n (HT40)	CH118	-0.16	Pass
11n (HT40)	CH134	0.03	Pass
11ac (VHT20)	CH100	2.85	Pass
11ac (VHT20)	CH116	3.11	Pass
11ac (VHT20)	CH140	2.87	Pass
11ac (VHT40)	CH102	-0.17	Pass
11ac (VHT40)	CH118	-0.17	Pass
11ac (VHT40)	CH134	0.01	Pass
11ac (VHT80)	CH106	-2.71	Pass
11ac (VHT80)	CH122	-3.15	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH149	0.87	Pass
11a	CH157	1.13	Pass
11a	CH165	0.90	Pass
11n (HT20)	CH149	0.52	Pass
11n (HT20)	CH157	0.78	Pass
11n (HT20)	CH165	0.53	Pass
11n (HT40)	CH151	-2.03	Pass
11n (HT40)	CH159	-2.21	Pass
11ac (VHT20)	CH149	0.59	Pass
11ac (VHT20)	CH157	0.75	Pass
11ac (VHT20)	CH165	0.50	Pass
11ac (VHT40)	CH151	-2.06	Pass
11ac (VHT40)	CH159	-2.10	Pass
11ac (VHT80)	CH155	-5.34	Pass

U-NII-2C straddle channel			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH144	3.18	Pass
11n (HT20)	CH144	2.74	Pass
11n (HT40)	CH142	0.02	Pass
11ac (VHT20)	CH144	2.73	Pass
11ac (VHT40)	CH142	0.05	Pass
11ac (VHT80)	CH138	-1.86	Pass

U-NII-3 straddle channel			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH144	1.22	Pass
11n (HT20)	CH144	0.72	Pass
11n (HT40)	CH142	-2.16	Pass
11ac (VHT20)	CH144	0.70	Pass
11ac (VHT40)	CH142	-2.10	Pass
11ac (VHT80)	CH138	-5.18	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11a	CH36	6.87	10.00	Pass
11a	CH44	7.00	10.00	Pass
11a	CH48	6.92	10.00	Pass
11n (HT20)	CH36	6.52	10.00	Pass
11n (HT20)	CH44	6.49	10.00	Pass
11n (HT20)	CH48	6.74	10.00	Pass
11n (HT40)	CH38	3.65	10.00	Pass
11n (HT40)	CH46	3.72	10.00	Pass
11ac (VHT20)	CH36	6.52	10.00	Pass
11ac (VHT20)	CH44	6.87	10.00	Pass
11ac (VHT20)	CH48	6.66	10.00	Pass
11ac (VHT40)	CH38	3.61	10.00	Pass
11ac (VHT40)	CH46	3.66	10.00	Pass
11ac (VHT80)	CH42	0.34	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH52	6.84	Pass
11a	CH60	6.80	Pass
11a	CH64	6.83	Pass
11n (HT20)	CH52	6.64	Pass
11n (HT20)	CH60	6.69	Pass
11n (HT20)	CH64	6.67	Pass
11n (HT40)	CH54	3.71	Pass
11n (HT40)	CH62	1.65	Pass
11ac (VHT20)	CH52	6.73	Pass
11ac (VHT20)	CH60	6.72	Pass
11ac (VHT20)	CH64	6.64	Pass
11ac (VHT40)	CH54	3.79	Pass
11ac (VHT40)	CH62	1.70	Pass
11ac (VHT80)	CH58	-0.93	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH100	6.76	Pass
11a	CH116	6.71	Pass
11a	CH140	6.77	Pass
11n (HT20)	CH100	6.65	Pass
11n (HT20)	CH116	6.54	Pass
11n (HT20)	CH140	6.35	Pass
11n (HT40)	CH102	3.49	Pass
11n (HT40)	CH118	3.59	Pass
11n (HT40)	CH134	3.57	Pass
11ac (VHT20)	CH100	6.68	Pass
11ac (VHT20)	CH116	6.54	Pass
11ac (VHT20)	CH140	6.35	Pass
11ac (VHT40)	CH102	3.51	Pass
11ac (VHT40)	CH118	3.63	Pass
11ac (VHT40)	CH134	3.57	Pass
11ac (VHT80)	CH106	0.73	Pass
11ac (VHT80)	CH122	0.60	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH149	4.26	Pass
11a	CH157	4.24	Pass
11a	CH165	4.24	Pass
11n (HT20)	CH149	3.76	Pass
11n (HT20)	CH157	4.11	Pass
11n (HT20)	CH165	3.74	Pass
11n (HT40)	CH151	1.26	Pass
11n (HT40)	CH159	0.94	Pass
11ac (VHT20)	CH149	4.06	Pass
11ac (VHT20)	CH157	4.09	Pass
11ac (VHT20)	CH165	4.08	Pass
11ac (VHT40)	CH151	1.29	Pass
11ac (VHT40)	CH159	1.03	Pass
11ac (VHT80)	CH155	-2.11	Pass

U-NII-2C straddle channel			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH144	6.74	Pass
11n (HT20)	CH144	6.30	Pass
11n (HT40)	CH142	3.60	Pass
11ac (VHT20)	CH144	6.31	Pass
11ac (VHT40)	CH142	3.44	Pass
11ac (VHT80)	CH138	0.60	Pass

U-NII-3 straddle channel			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH144	4.45	Pass
11n (HT20)	CH144	3.99	Pass
11n (HT40)	CH142	1.18	Pass
11ac (VHT20)	CH144	3.95	Pass
11ac (VHT40)	CH142	1.02	Pass
11ac (VHT80)	CH138	-1.85	Pass

A.5 Conducted Emissions

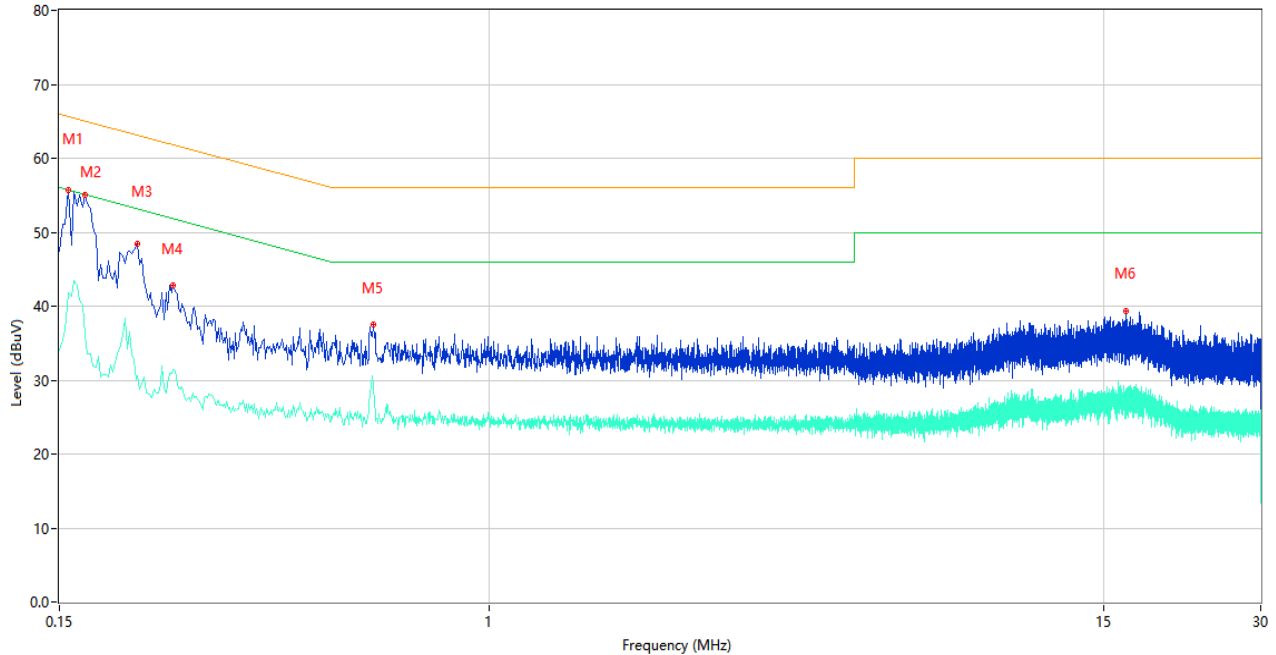
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

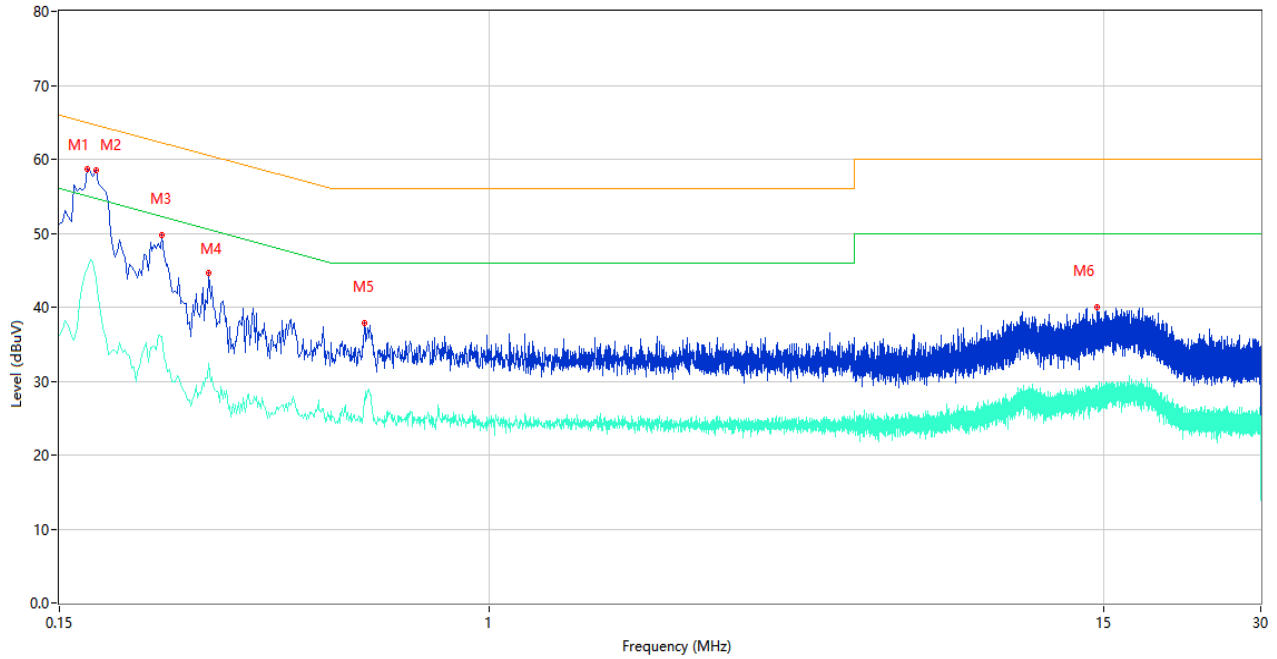
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	55.78	10.99	65.67	-9.89	Peak	L	Pass
1**	0.156	41.89	10.99	55.67	-13.78	AV	L	Pass
2	0.168	55.01	10.98	65.06	-10.05	Peak	L	Pass
2**	0.168	36.18	10.98	55.06	-18.88	AV	L	Pass
3	0.212	48.40	10.95	63.13	-14.73	Peak	L	Pass
3**	0.212	30.63	10.95	53.13	-22.50	AV	L	Pass
4	0.248	42.83	10.92	61.82	-18.99	Peak	L	Pass
4**	0.248	31.35	10.92	51.82	-20.47	AV	L	Pass
5	0.600	37.45	10.88	56.00	-18.55	Peak	L	Pass
5**	0.600	29.27	10.88	46.00	-16.73	AV	L	Pass
6	16.528	39.35	10.64	60.00	-20.65	Peak	L	Pass
6**	16.528	27.62	10.64	50.00	-22.38	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.168	56.22	10.98	65.06	-8.84	Peak	N	Pass
1**	0.168	44.44	10.98	55.06	-10.62	AV	N	Pass
2	0.176	58.53	10.98	64.67	-6.14	Peak	N	Pass
2**	0.176	43.79	10.98	54.67	-10.88	AV	N	Pass
3	0.236	49.76	10.93	62.24	-12.48	Peak	N	Pass
3**	0.236	36.10	10.93	52.24	-16.14	AV	N	Pass
4	0.290	44.69	10.89	60.52	-15.83	Peak	N	Pass
4**	0.290	32.40	10.89	50.52	-18.12	AV	N	Pass
5	0.576	37.93	10.89	56.00	-18.07	Peak	N	Pass
5**	0.576	27.80	10.89	46.00	-18.20	AV	N	Pass
6	14.576	39.93	10.63	60.00	-20.07	Peak	N	Pass
6**	14.576	27.92	10.63	50.00	-22.08	AV	N	Pass

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

Test Data

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

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

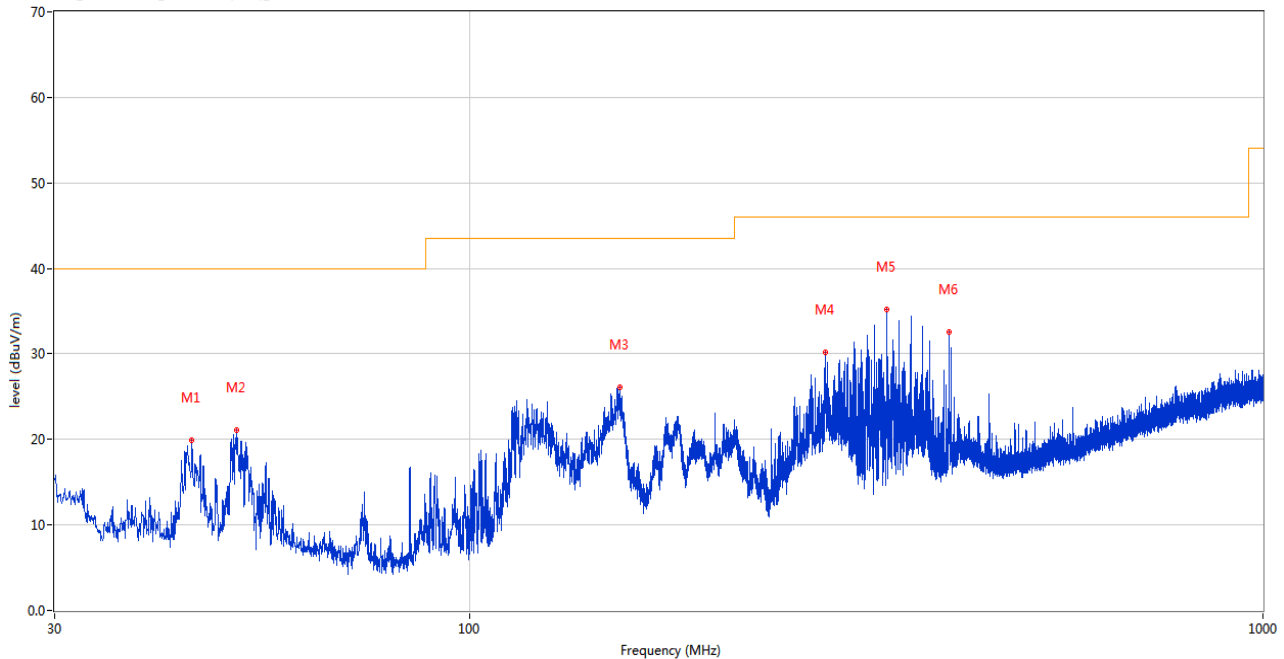
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

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

30 MHz to 1 GHz, ANT H

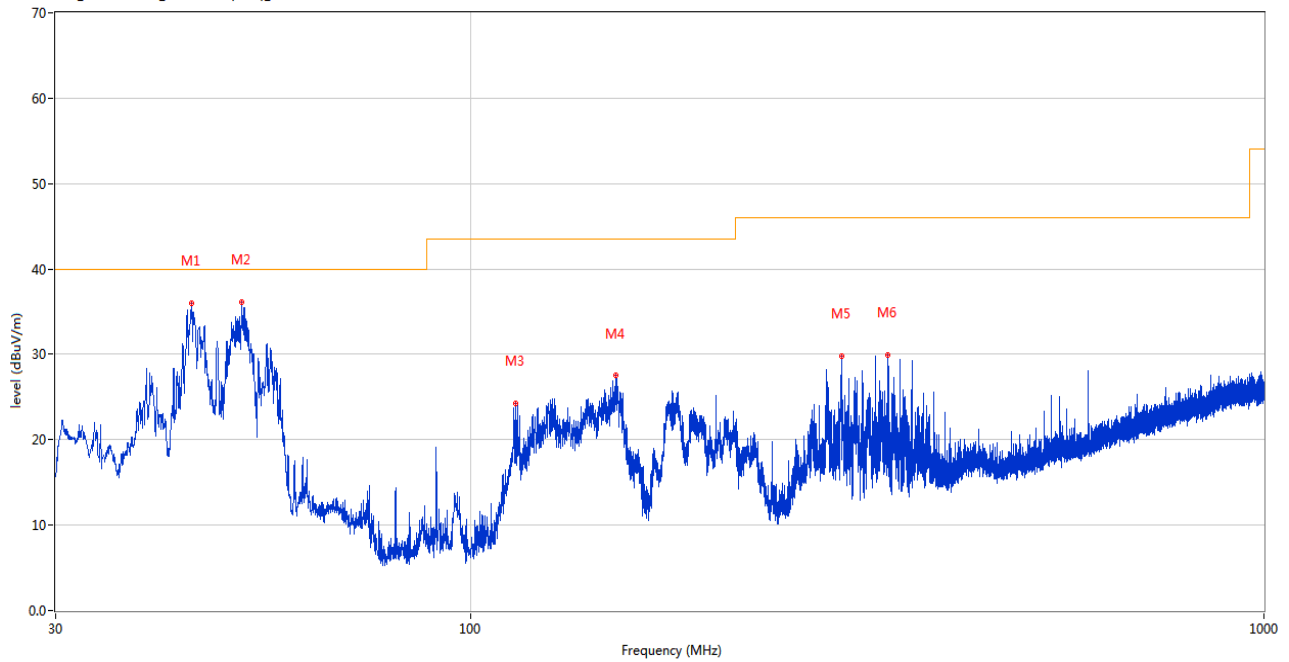
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.696	19.87	-26.51	40.0	-20.13	Peak	343.00	200	Horizontal	Pass
2	50.904	21.06	-26.71	40.0	-18.94	Peak	360.00	200	Horizontal	Pass
3	154.790	26.07	-24.94	43.5	-17.43	Peak	360.00	200	Horizontal	Pass
4	280.793	30.17	-24.97	46.0	-15.83	Peak	75.00	100	Horizontal	Pass
5	336.035	35.26	-22.79	46.0	-10.74	Peak	89.00	100	Horizontal	Pass
6	401.801	32.52	-21.30	46.0	-13.48	Peak	139.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.453	35.93	-26.52	40.0	-4.07	Peak	285.00	100	Vertical	Pass
2	51.486	36.10	-26.74	40.0	-3.90	Peak	117.00	100	Vertical	Pass
3	114.099	24.24	-27.85	43.5	-19.26	Peak	298.00	100	Vertical	Pass
4	152.559	27.51	-24.70	43.5	-15.99	Peak	70.00	100	Vertical	Pass
5	293.355	29.75	-24.37	46.0	-16.25	Peak	361.00	200	Vertical	Pass
6	336.035	29.98	-22.79	46.0	-16.02	Peak	361.00	200	Vertical	Pass

Note 1: The spurious above 18G is noise only, do not show on the report.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

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	1165.000	48.12	-18.10	68.2	-20.08	Peak	198.00	150	Horizontal	Pass
1**	1165.000	38.71	-18.10	54.0	-15.29	AV	198.00	150	Horizontal	Pass
2	2785.600	46.51	-10.48	68.2	-21.69	Peak	342.00	150	Horizontal	Pass
2**	2785.600	36.04	-10.48	54.0	-17.96	AV	342.00	150	Horizontal	Pass
3	4801.800	51.98	-2.60	68.2	-16.22	Peak	350.00	150	Horizontal	Pass
3**	4801.800	43.96	-2.60	54.0	-10.04	AV	350.00	150	Horizontal	Pass
4	5181.600	109.74	-2.71	--	--	Peak	201.00	150	Horizontal	N/A
4**	5181.600	102.16	-2.71	--	--	AV	201.00	150	Horizontal	N/A
5	7463.162	49.33	-3.60	68.2	-18.87	Peak	14.00	150	Horizontal	Pass
5**	7463.162	40.90	-3.60	54.0	-13.10	AV	14.00	150	Horizontal	Pass
6	11933.787	53.16	1.66	68.2	-15.04	Peak	231.00	150	Horizontal	Pass
6**	11933.787	44.04	1.66	54.0	-9.96	AV	231.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1070.500	46.73	-18.47	68.2	-21.47	Peak	271.00	150	Vertical	Pass
1**	1070.500	36.55	-18.47	54.0	-17.45	AV	271.00	150	Vertical	Pass
2	2778.000	46.49	-10.42	68.2	-21.71	Peak	255.00	150	Vertical	Pass
2**	2778.000	36.00	-10.42	54.0	-18.00	AV	255.00	150	Vertical	Pass
3	4990.400	53.62	-2.89	68.2	-14.58	Peak	17.00	150	Vertical	Pass
3**	4990.400	44.08	-2.89	54.0	-9.92	AV	17.00	150	Vertical	Pass
4	5178.800	111.20	-2.68	--	--	Peak	42.00	150	Vertical	N/A
4**	5178.800	102.86	-2.68	--	--	AV	42.00	150	Vertical	N/A
5	7617.263	49.58	-2.89	68.2	-18.62	Peak	211.00	150	Vertical	Pass
5**	7617.263	40.37	-2.89	54.0	-13.63	AV	211.00	150	Vertical	Pass
6	11663.825	53.50	0.16	68.2	-14.70	Peak	139.00	150	Vertical	Pass
6**	11663.825	43.16	0.16	54.0	-10.84	AV	139.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.500	47.71	-18.19	68.2	-20.49	Peak	184.00	150	Horizontal	Pass
1**	1146.500	36.99	-18.19	54.0	-17.01	AV	184.00	150	Horizontal	Pass
2	2776.500	45.40	-10.45	68.2	-22.80	Peak	30.00	150	Horizontal	Pass
2**	2776.500	36.13	-10.45	54.0	-17.87	AV	30.00	150	Horizontal	Pass
3	4917.400	52.38	-2.23	68.2	-15.82	Peak	300.00	150	Horizontal	Pass
3**	4917.400	43.07	-2.23	54.0	-10.93	AV	300.00	150	Horizontal	Pass
4	5221.000	109.15	-3.05	--	--	Peak	199.00	150	Horizontal	N/A
4**	5221.000	101.15	-3.05	--	--	AV	199.00	150	Horizontal	N/A
5	7348.450	49.53	-3.85	68.2	-18.67	Peak	162.00	150	Horizontal	Pass
5**	7348.450	41.38	-3.85	54.0	-12.62	AV	162.00	150	Horizontal	Pass
6	12217.263	53.61	1.20	68.2	-14.59	Peak	107.00	150	Horizontal	Pass
6**	12217.263	44.14	1.20	54.0	-9.86	AV	107.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.700	46.89	-18.07	68.2	-21.31	Peak	194.00	150	Vertical	Pass
1**	1155.700	36.26	-18.07	54.0	-17.74	AV	194.00	150	Vertical	Pass
2	2770.000	45.36	-10.57	68.2	-22.84	Peak	257.00	150	Vertical	Pass
2**	2770.000	37.50	-10.57	54.0	-16.50	AV	257.00	150	Vertical	Pass
3	4980.800	52.53	-3.01	68.2	-15.67	Peak	360.00	150	Vertical	Pass
3**	4980.800	42.96	-3.01	54.0	-11.04	AV	360.00	150	Vertical	Pass
4	5214.400	110.67	-2.84	--	--	Peak	41.00	150	Vertical	N/A
4**	5214.400	102.52	-2.84	--	--	AV	41.00	150	Vertical	N/A
5	7286.925	50.38	-3.71	68.2	-17.82	Peak	0.00	150	Vertical	Pass
5**	7286.925	40.85	-3.71	54.0	-13.15	AV	0.00	150	Vertical	Pass
6	11995.888	52.78	1.22	68.2	-15.42	Peak	287.00	150	Vertical	Pass
6**	11995.888	43.89	1.22	54.0	-10.11	AV	287.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.500	48.40	-18.16	68.2	-19.80	Peak	193.00	150	Horizontal	Pass
1**	1167.500	39.93	-18.16	54.0	-14.07	AV	193.00	150	Horizontal	Pass
2	2753.500	46.38	-10.79	68.2	-21.82	Peak	326.00	150	Horizontal	Pass
2**	2753.500	36.42	-10.79	54.0	-17.58	AV	326.00	150	Horizontal	Pass
3	4985.200	53.44	-2.89	68.2	-14.76	Peak	48.00	150	Horizontal	Pass
3**	4985.200	43.07	-2.89	54.0	-10.93	AV	48.00	150	Horizontal	Pass
4	5242.800	109.20	-2.69	--	--	Peak	199.00	150	Horizontal	N/A
4**	5242.800	101.09	-2.69	--	--	AV	199.00	150	Horizontal	N/A
5	7545.675	49.80	-2.37	68.2	-18.40	Peak	182.00	150	Horizontal	Pass
5**	7545.675	40.09	-2.37	54.0	-13.91	AV	182.00	150	Horizontal	Pass
6	12365.612	53.65	1.21	68.2	-14.55	Peak	219.00	150	Horizontal	Pass
6**	12365.612	43.16	1.21	54.0	-10.84	AV	219.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1083.800	46.18	-18.54	68.2	-22.02	Peak	311.00	150	Vertical	Pass
1**	1083.800	35.94	-18.54	54.0	-18.06	AV	311.00	150	Vertical	Pass
2	2773.300	45.54	-10.48	68.2	-22.66	Peak	280.00	150	Vertical	Pass
2**	2773.300	35.82	-10.48	54.0	-18.18	AV	280.00	150	Vertical	Pass
3	4998.600	52.88	-2.91	68.2	-15.32	Peak	251.00	150	Vertical	Pass
3**	4998.600	44.72	-2.91	54.0	-9.28	AV	251.00	150	Vertical	Pass
4	5239.200	110.05	-2.72	--	--	Peak	40.00	150	Vertical	N/A
4**	5239.200	102.02	-2.72	--	--	AV	40.00	150	Vertical	N/A
5	7548.550	49.08	-2.55	68.2	-19.12	Peak	120.00	150	Vertical	Pass
5**	7548.550	39.88	-2.55	54.0	-14.12	AV	120.00	150	Vertical	Pass
6	11942.125	53.76	1.62	68.2	-14.44	Peak	282.00	150	Vertical	Pass
6**	11942.125	44.51	1.62	54.0	-9.49	AV	282.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	47.98	-18.18	68.2	-20.22	Peak	194.00	150	Horizontal	Pass
1**	1166.800	39.14	-18.18	54.0	-14.86	AV	194.00	150	Horizontal	Pass
2	2735.900	46.15	-10.97	68.2	-22.05	Peak	343.00	150	Horizontal	Pass
2**	2735.900	36.80	-10.97	54.0	-17.20	AV	343.00	150	Horizontal	Pass
3	4808.400	52.47	-2.96	68.2	-15.73	Peak	9.00	150	Horizontal	Pass
3**	4808.400	43.36	-2.96	54.0	-10.64	AV	9.00	150	Horizontal	Pass
4	5180.600	108.39	-2.70	--	--	Peak	184.00	150	Horizontal	N/A
4**	5180.600	100.51	-2.70	--	--	AV	184.00	150	Horizontal	N/A
5	7350.750	49.50	-3.87	68.2	-18.70	Peak	339.00	150	Horizontal	Pass
5**	7350.750	42.13	-3.87	54.0	-11.87	AV	339.00	150	Horizontal	Pass
6	11689.125	53.03	0.17	68.2	-15.17	Peak	285.00	150	Horizontal	Pass
6**	11689.125	42.85	0.17	54.0	-11.15	AV	285.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1072.800	47.69	-18.50	68.2	-20.51	Peak	210.00	150	Vertical	Pass
1**	1072.800	36.48	-18.50	54.0	-17.52	AV	210.00	150	Vertical	Pass
2	2825.200	45.53	-10.30	68.2	-22.67	Peak	49.00	150	Vertical	Pass
2**	2825.200	35.67	-10.30	54.0	-18.33	AV	49.00	150	Vertical	Pass
3	4983.800	52.56	-2.90	68.2	-15.64	Peak	23.00	150	Vertical	Pass
3**	4983.800	43.41	-2.90	54.0	-10.59	AV	23.00	150	Vertical	Pass
4	5182.400	110.27	-2.72	--	--	Peak	35.00	150	Vertical	N/A
4**	5182.400	102.69	-2.72	--	--	AV	35.00	150	Vertical	N/A
5	7345.000	49.66	-3.66	68.2	-18.54	Peak	122.00	150	Vertical	Pass
5**	7345.000	40.40	-3.66	54.0	-13.60	AV	122.00	150	Vertical	Pass
6	11603.738	53.67	-0.01	68.2	-14.53	Peak	229.00	150	Vertical	Pass
6**	11603.738	43.21	-0.01	54.0	-10.79	AV	229.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.600	47.75	-18.12	68.2	-20.45	Peak	191.00	150	Horizontal	Pass
1**	1157.600	38.83	-18.12	54.0	-15.17	AV	191.00	150	Horizontal	Pass
2	2789.100	45.44	-10.58	68.2	-22.76	Peak	32.00	150	Horizontal	Pass
2**	2789.100	37.86	-10.58	54.0	-16.14	AV	32.00	150	Horizontal	Pass
3	4995.200	53.36	-2.94	68.2	-14.84	Peak	62.00	150	Horizontal	Pass
3**	4995.200	43.13	-2.94	54.0	-10.87	AV	62.00	150	Horizontal	Pass
4	5218.400	108.98	-2.99	--	--	Peak	188.00	150	Horizontal	N/A
4**	5218.400	101.16	-2.99	--	--	AV	188.00	150	Horizontal	N/A
5	7460.000	49.78	-3.82	68.2	-18.42	Peak	246.00	150	Horizontal	Pass
5**	7460.000	39.98	-3.82	54.0	-14.02	AV	246.00	150	Horizontal	Pass
6	12300.063	54.01	1.47	68.2	-14.19	Peak	316.00	150	Horizontal	Pass
6**	12300.063	44.48	1.47	54.0	-9.52	AV	316.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1037.400	47.56	-18.12	68.2	-20.64	Peak	103.00	150	Vertical	Pass
1**	1037.400	38.23	-18.12	54.0	-15.77	AV	103.00	150	Vertical	Pass
2	2734.200	46.49	-10.95	68.2	-21.71	Peak	282.00	150	Vertical	Pass
2**	2734.200	36.72	-10.95	54.0	-17.28	AV	282.00	150	Vertical	Pass
3	4983.200	54.84	-2.90	68.2	-13.36	Peak	0.00	150	Vertical	Pass
3**	4983.200	43.42	-2.90	54.0	-10.58	AV	0.00	150	Vertical	Pass
4	5223.200	110.13	-3.00	--	--	Peak	289.00	150	Vertical	N/A
4**	5223.200	102.19	-3.00	--	--	AV	289.00	150	Vertical	N/A
5	7346.725	49.43	-3.82	68.2	-18.77	Peak	69.00	150	Vertical	Pass
5**	7346.725	40.59	-3.82	54.0	-13.41	AV	69.00	150	Vertical	Pass
6	12276.200	53.31	1.66	68.2	-14.89	Peak	356.00	150	Vertical	Pass
6**	12276.200	43.95	1.66	54.0	-10.05	AV	356.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.100	47.89	-18.18	68.2	-20.31	Peak	196.00	150	Horizontal	Pass
1**	1167.100	39.20	-18.18	54.0	-14.80	AV	196.00	150	Horizontal	Pass
2	2793.600	46.31	-10.63	68.2	-21.89	Peak	43.00	150	Horizontal	Pass
2**	2793.600	36.74	-10.63	54.0	-17.26	AV	43.00	150	Horizontal	Pass
3	4978.200	52.89	-3.03	68.2	-15.31	Peak	49.00	150	Horizontal	Pass
3**	4978.200	43.99	-3.03	54.0	-10.01	AV	49.00	150	Horizontal	Pass
4	5238.200	108.83	-2.74	--	--	Peak	198.00	150	Horizontal	N/A
4**	5238.200	101.40	-2.74	--	--	AV	198.00	150	Horizontal	N/A
5	7370.300	49.82	-4.02	68.2	-18.38	Peak	360.00	150	Horizontal	Pass
5**	7370.300	39.79	-4.02	54.0	-14.21	AV	360.00	150	Horizontal	Pass
6	11942.988	53.07	1.60	68.2	-15.13	Peak	105.00	150	Horizontal	Pass
6**	11942.988	45.06	1.60	54.0	-8.94	AV	105.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1060.100	46.85	-18.40	68.2	-21.35	Peak	272.00	150	Vertical	Pass
1**	1060.100	37.95	-18.40	54.0	-16.05	AV	272.00	150	Vertical	Pass
2	2821.900	46.55	-10.23	68.2	-21.65	Peak	255.00	150	Vertical	Pass
2**	2821.900	37.18	-10.23	54.0	-16.82	AV	255.00	150	Vertical	Pass
3	4997.000	52.87	-2.91	68.2	-15.33	Peak	243.00	150	Vertical	Pass
3**	4997.000	43.69	-2.91	54.0	-10.31	AV	243.00	150	Vertical	Pass
4	5243.000	109.84	-2.69	--	--	Peak	295.00	150	Vertical	N/A
4**	5243.000	102.47	-2.69	--	--	AV	295.00	150	Vertical	N/A
5	7380.362	49.22	-3.61	68.2	-18.98	Peak	13.00	150	Vertical	Pass
5**	7380.362	40.01	-3.61	54.0	-13.99	AV	13.00	150	Vertical	Pass
6	11951.037	52.91	1.35	68.2	-15.29	Peak	104.00	150	Vertical	Pass
6**	11951.037	43.45	1.35	54.0	-10.55	AV	104.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.600	48.38	-18.28	68.2	-19.82	Peak	187.00	150	Horizontal	Pass
1**	1143.600	37.51	-18.28	54.0	-16.49	AV	187.00	150	Horizontal	Pass
2	2751.800	46.24	-10.84	68.2	-21.96	Peak	334.00	150	Horizontal	Pass
2**	2751.800	37.47	-10.84	54.0	-16.53	AV	334.00	150	Horizontal	Pass
3	4980.400	53.44	-3.01	68.2	-14.76	Peak	51.00	150	Horizontal	Pass
3**	4980.400	44.55	-3.01	54.0	-9.45	AV	51.00	150	Horizontal	Pass
4	5192.600	105.46	-2.71	--	--	Peak	338.00	150	Horizontal	N/A
4**	5192.600	98.36	-2.71	--	--	AV	338.00	150	Horizontal	N/A
5	7331.487	49.46	-3.61	68.2	-18.74	Peak	190.00	150	Horizontal	Pass
5**	7331.487	40.45	-3.61	54.0	-13.55	AV	190.00	150	Horizontal	Pass
6	12214.100	53.48	1.15	68.2	-14.72	Peak	190.00	150	Horizontal	Pass
6**	12214.100	44.38	1.15	54.0	-9.62	AV	190.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1024.600	47.63	-17.93	68.2	-20.57	Peak	70.00	150	Vertical	Pass
1**	1024.600	36.61	-17.93	54.0	-17.39	AV	70.00	150	Vertical	Pass
2	2773.400	45.73	-10.48	68.2	-22.47	Peak	245.00	150	Vertical	Pass
2**	2773.400	35.66	-10.48	54.0	-18.34	AV	245.00	150	Vertical	Pass
3	4998.200	53.64	-2.90	68.2	-14.56	Peak	0.00	150	Vertical	Pass
3**	4998.200	43.71	-2.90	54.0	-10.29	AV	0.00	150	Vertical	Pass
4	5193.600	107.94	-2.78	--	--	Peak	35.00	150	Vertical	N/A
4**	5193.600	99.86	-2.78	--	--	AV	35.00	150	Vertical	N/A
5	7333.212	49.47	-3.52	68.2	-18.73	Peak	105.00	150	Vertical	Pass
5**	7333.212	40.16	-3.52	54.0	-13.84	AV	105.00	150	Vertical	Pass
6	12224.737	53.47	1.30	68.2	-14.73	Peak	0.00	150	Vertical	Pass
6**	12224.737	44.49	1.30	54.0	-9.51	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.400	47.77	-18.03	68.2	-20.43	Peak	191.00	150	Horizontal	Pass
1**	1161.400	38.78	-18.03	54.0	-15.22	AV	191.00	150	Horizontal	Pass
2	2772.800	45.63	-10.48	68.2	-22.57	Peak	45.00	150	Horizontal	Pass
2**	2772.800	37.13	-10.48	54.0	-16.87	AV	45.00	150	Horizontal	Pass
3	4983.200	53.28	-2.90	68.2	-14.92	Peak	56.00	150	Horizontal	Pass
3**	4983.200	44.28	-2.90	54.0	-9.72	AV	56.00	150	Horizontal	Pass
4	5237.400	105.22	-2.80	--	--	Peak	198.00	150	Horizontal	N/A
4**	5237.400	97.07	-2.80	--	--	AV	198.00	150	Horizontal	N/A
5	7568.388	49.64	-3.60	68.2	-18.56	Peak	308.00	150	Horizontal	Pass
5**	7568.388	39.37	-3.60	54.0	-14.63	AV	308.00	150	Horizontal	Pass
6	12216.112	53.10	1.19	68.2	-15.10	Peak	290.00	150	Horizontal	Pass
6**	12216.112	44.87	1.19	54.0	-9.13	AV	290.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1035.900	47.48	-18.20	68.2	-20.72	Peak	99.00	150	Vertical	Pass
1**	1035.900	37.66	-18.20	54.0	-16.34	AV	99.00	150	Vertical	Pass
2	2826.000	45.69	-10.27	68.2	-22.51	Peak	246.00	150	Vertical	Pass
2**	2826.000	35.30	-10.27	54.0	-18.70	AV	246.00	150	Vertical	Pass
3	4798.200	53.12	-2.56	68.2	-15.08	Peak	251.00	150	Vertical	Pass
3**	4798.200	43.28	-2.56	54.0	-10.72	AV	251.00	150	Vertical	Pass
4	5225.800	106.83	-3.05	--	--	Peak	289.00	150	Vertical	N/A
4**	5225.800	100.22	-3.05	--	--	AV	289.00	150	Vertical	N/A
5	7449.362	49.31	-3.94	68.2	-18.89	Peak	50.00	150	Vertical	Pass
5**	7449.362	39.82	-3.94	54.0	-14.18	AV	50.00	150	Vertical	Pass
6	12260.963	53.33	1.12	68.2	-14.87	Peak	338.00	150	Vertical	Pass
6**	12260.963	44.42	1.12	54.0	-9.58	AV	338.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1131.000	47.40	-18.34	68.2	-20.80	Peak	190.00	150	Horizontal	Pass
1**	1131.000	35.96	-18.34	54.0	-18.04	AV	190.00	150	Horizontal	Pass
2	3803.800	49.92	-5.42	68.2	-18.28	Peak	50.00	150	Horizontal	Pass
2**	3803.800	39.85	-5.42	54.0	-14.15	AV	50.00	150	Horizontal	Pass
3	4979.200	53.34	-3.02	68.2	-14.86	Peak	50.00	150	Horizontal	Pass
3**	4979.200	43.85	-3.02	54.0	-10.15	AV	50.00	150	Horizontal	Pass
4	5179.200	109.90	-2.68	--	--	Peak	188.00	150	Horizontal	N/A
4**	5179.200	102.16	-2.68	--	--	AV	188.00	150	Horizontal	N/A
5	7576.437	50.00	-3.39	68.2	-18.20	Peak	303.00	150	Horizontal	Pass
5**	7576.437	40.26	-3.39	54.0	-13.74	AV	303.00	150	Horizontal	Pass
6	12319.901	53.80	1.42	68.2	-14.40	Peak	266.00	150	Horizontal	Pass
6**	12319.901	44.45	1.42	54.0	-9.55	AV	266.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1037.100	47.15	-18.12	68.2	-21.05	Peak	66.00	150	Vertical	Pass
1**	1037.100	36.86	-18.12	54.0	-17.14	AV	66.00	150	Vertical	Pass
2	2830.600	45.94	-10.37	68.2	-22.26	Peak	56.00	150	Vertical	Pass
2**	2830.600	36.37	-10.37	54.0	-17.63	AV	56.00	150	Vertical	Pass
3	4999.000	52.90	-2.93	68.2	-15.30	Peak	19.00	150	Vertical	Pass
3**	4999.000	44.05	-2.93	54.0	-9.95	AV	19.00	150	Vertical	Pass
4	5178.800	111.40	-2.68	--	--	Peak	32.00	150	Vertical	N/A
4**	5178.800	104.18	-2.68	--	--	AV	32.00	150	Vertical	N/A
5	7349.600	49.32	-3.87	68.2	-18.88	Peak	0.00	150	Vertical	Pass
5**	7349.600	40.46	-3.87	54.0	-13.54	AV	0.00	150	Vertical	Pass
6	12455.599	53.45	1.87	68.2	-14.75	Peak	33.00	150	Vertical	Pass
6**	12455.599	44.57	1.87	54.0	-9.43	AV	33.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.200	47.13	-18.05	68.2	-21.07	Peak	191.00	150	Horizontal	Pass
1**	1160.200	39.40	-18.05	54.0	-14.60	AV	191.00	150	Horizontal	Pass
2	2767.700	45.79	-10.71	68.2	-22.41	Peak	354.00	150	Horizontal	Pass
2**	2767.700	36.78	-10.71	54.0	-17.22	AV	354.00	150	Horizontal	Pass
3	4979.200	53.40	-3.02	68.2	-14.80	Peak	51.00	150	Horizontal	Pass
3**	4979.200	43.89	-3.02	54.0	-10.11	AV	51.00	150	Horizontal	Pass
4	5218.200	109.39	-2.97	--	--	Peak	189.00	150	Horizontal	N/A
4**	5218.200	101.43	-2.97	--	--	AV	189.00	150	Horizontal	N/A
5	7337.812	49.97	-3.55	68.2	-18.23	Peak	67.00	150	Horizontal	Pass
5**	7337.812	41.43	-3.55	54.0	-12.57	AV	67.00	150	Horizontal	Pass
6	12241.412	53.46	1.05	68.2	-14.74	Peak	360.00	150	Horizontal	Pass
6**	12241.412	44.12	1.05	54.0	-9.88	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1037.800	47.18	-18.16	68.2	-21.02	Peak	63.00	150	Vertical	Pass
1**	1037.800	37.74	-18.16	54.0	-16.26	AV	63.00	150	Vertical	Pass
2	2825.500	48.12	-10.29	68.2	-20.08	Peak	240.00	150	Vertical	Pass
2**	2825.500	35.70	-10.29	54.0	-18.30	AV	240.00	150	Vertical	Pass
3	4798.400	52.02	-2.55	68.2	-16.18	Peak	0.00	150	Vertical	Pass
3**	4798.400	42.76	-2.55	54.0	-11.24	AV	0.00	150	Vertical	Pass
4	5222.000	110.56	-3.03	--	--	Peak	288.00	150	Vertical	N/A
4**	5222.000	102.69	-3.03	--	--	AV	288.00	150	Vertical	N/A
5	7337.812	49.63	-3.55	68.2	-18.57	Peak	219.00	150	Vertical	Pass
5**	7337.812	40.26	-3.55	54.0	-13.74	AV	219.00	150	Vertical	Pass
6	12277.349	53.66	1.71	68.2	-14.54	Peak	166.00	150	Vertical	Pass
6**	12277.349	44.22	1.71	54.0	-9.78	AV	166.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1151.300	47.93	-17.96	68.2	-20.27	Peak	190.00	150	Horizontal	Pass
1**	1151.300	37.95	-17.96	54.0	-16.05	AV	190.00	150	Horizontal	Pass
2	2751.200	45.76	-10.81	68.2	-22.44	Peak	59.00	150	Horizontal	Pass
2**	2751.200	36.76	-10.81	54.0	-17.24	AV	59.00	150	Horizontal	Pass
3	4998.000	53.24	-2.89	68.2	-14.96	Peak	110.00	150	Horizontal	Pass
3**	4998.000	43.70	-2.89	54.0	-10.30	AV	110.00	150	Horizontal	Pass
4	5238.000	108.44	-2.76	--	--	Peak	185.00	150	Horizontal	N/A
4**	5238.000	101.13	-2.76	--	--	AV	185.00	150	Horizontal	N/A
5	7333.500	49.73	-3.51	68.2	-18.47	Peak	124.00	150	Horizontal	Pass
5**	7333.500	40.57	-3.51	54.0	-13.43	AV	124.00	150	Horizontal	Pass
6	11667.849	53.46	0.21	68.2	-14.74	Peak	142.00	150	Horizontal	Pass
6**	11667.849	44.24	0.21	54.0	-9.76	AV	142.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1076.200	48.03	-18.52	68.2	-20.17	Peak	211.00	150	Vertical	Pass
1**	1076.200	37.48	-18.52	54.0	-16.52	AV	211.00	150	Vertical	Pass
2	2821.800	46.64	-10.23	68.2	-21.56	Peak	64.00	150	Vertical	Pass
2**	2821.800	35.75	-10.23	54.0	-18.25	AV	64.00	150	Vertical	Pass
3	4995.200	52.86	-2.94	68.2	-15.34	Peak	0.00	150	Vertical	Pass
3**	4995.200	43.36	-2.94	54.0	-10.64	AV	0.00	150	Vertical	Pass
4	5238.200	109.68	-2.74	--	--	Peak	26.00	150	Vertical	N/A
4**	5238.200	102.14	-2.74	--	--	AV	26.00	150	Vertical	N/A
5	7355.925	50.07	-4.08	68.2	-18.13	Peak	256.00	150	Vertical	Pass
5**	7355.925	40.22	-4.08	54.0	-13.78	AV	256.00	150	Vertical	Pass
6	12239.688	53.91	1.07	68.2	-14.29	Peak	70.00	150	Vertical	Pass
6**	12239.688	44.37	1.07	54.0	-9.63	AV	70.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.400	48.12	-18.19	68.2	-20.08	Peak	186.00	150	Horizontal	Pass
1**	1146.400	37.22	-18.19	54.0	-16.78	AV	186.00	150	Horizontal	Pass
2	2749.500	45.56	-10.78	68.2	-22.64	Peak	351.00	150	Horizontal	Pass
2**	2749.500	37.56	-10.78	54.0	-16.44	AV	351.00	150	Horizontal	Pass
3	4807.800	51.80	-2.98	68.2	-16.40	Peak	264.00	150	Horizontal	Pass
3**	4807.800	43.21	-2.98	54.0	-10.79	AV	264.00	150	Horizontal	Pass
4	5195.200	104.59	-2.83	--	--	Peak	198.00	150	Horizontal	N/A
4**	5195.200	97.44	-2.83	--	--	AV	198.00	150	Horizontal	N/A
5	7466.900	49.30	-3.83	68.2	-18.90	Peak	289.00	150	Horizontal	Pass
5**	7466.900	39.65	-3.83	54.0	-14.35	AV	289.00	150	Horizontal	Pass
6	12262.400	53.30	1.18	68.2	-14.90	Peak	180.00	150	Horizontal	Pass
6**	12262.400	44.81	1.18	54.0	-9.19	AV	180.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.600	47.00	-18.43	68.2	-21.20	Peak	272.00	150	Vertical	Pass
1**	1062.600	37.02	-18.43	54.0	-16.98	AV	272.00	150	Vertical	Pass
2	2754.300	47.67	-10.76	68.2	-20.53	Peak	261.00	150	Vertical	Pass
2**	2754.300	35.73	-10.76	54.0	-18.27	AV	261.00	150	Vertical	Pass
3	4990.600	53.23	-2.90	68.2	-14.97	Peak	250.00	150	Vertical	Pass
3**	4990.600	43.60	-2.90	54.0	-10.40	AV	250.00	150	Vertical	Pass
4	5194.000	107.73	-2.80	--	--	Peak	39.00	150	Vertical	N/A
4**	5194.000	99.94	-2.80	--	--	AV	39.00	150	Vertical	N/A
5	7509.450	49.33	-3.64	68.2	-18.87	Peak	34.00	150	Vertical	Pass
5**	7509.450	40.21	-3.64	54.0	-13.79	AV	34.00	150	Vertical	Pass
6	11682.513	53.49	0.16	68.2	-14.71	Peak	345.00	150	Vertical	Pass
6**	11682.513	43.59	0.16	54.0	-10.41	AV	345.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.400	47.45	-18.05	68.2	-20.75	Peak	192.00	150	Horizontal	Pass
1**	1154.400	38.18	-18.05	54.0	-15.82	AV	192.00	150	Horizontal	Pass
2	2756.800	46.15	-10.77	68.2	-22.05	Peak	48.00	150	Horizontal	Pass
2**	2756.800	36.88	-10.77	54.0	-17.12	AV	48.00	150	Horizontal	Pass
3	4979.800	53.45	-3.02	68.2	-14.75	Peak	109.00	150	Horizontal	Pass
3**	4979.800	42.84	-3.02	54.0	-11.16	AV	109.00	150	Horizontal	Pass
4	5228.800	105.05	-2.98	--	--	Peak	325.00	150	Horizontal	N/A
4**	5228.800	98.05	-2.98	--	--	AV	325.00	150	Horizontal	N/A
5	7625.312	49.26	-3.09	68.2	-18.94	Peak	219.00	150	Horizontal	Pass
5**	7625.312	40.23	-3.09	54.0	-13.77	AV	219.00	150	Horizontal	Pass
6	11964.550	53.19	0.86	68.2	-15.01	Peak	183.00	150	Horizontal	Pass
6**	11964.550	43.53	0.86	54.0	-10.47	AV	183.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.200	46.45	-18.41	68.2	-21.75	Peak	280.00	150	Vertical	Pass
1**	1061.200	38.04	-18.41	54.0	-15.96	AV	280.00	150	Vertical	Pass
2	2738.600	45.66	-10.88	68.2	-22.54	Peak	34.00	150	Vertical	Pass
2**	2738.600	37.49	-10.88	54.0	-16.51	AV	34.00	150	Vertical	Pass
3	4998.000	53.20	-2.89	68.2	-15.00	Peak	237.00	150	Vertical	Pass
3**	4998.000	44.06	-2.89	54.0	-9.94	AV	237.00	150	Vertical	Pass
4	5225.000	106.45	-3.05	--	--	Peak	287.00	150	Vertical	N/A
4**	5225.000	98.11	-3.05	--	--	AV	287.00	150	Vertical	N/A
5	7336.663	49.87	-3.46	68.2	-18.33	Peak	243.00	150	Vertical	Pass
5**	7336.663	40.95	-3.46	54.0	-13.05	AV	243.00	150	Vertical	Pass
6	11866.225	53.15	1.13	68.2	-15.05	Peak	111.00	150	Vertical	Pass
6**	11866.225	42.92	1.13	54.0	-11.08	AV	111.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1147.100	48.10	-18.18	68.2	-20.10	Peak	198.00	150	Horizontal	Pass
1**	1147.100	38.35	-18.18	54.0	-15.65	AV	198.00	150	Horizontal	Pass
2	2734.600	46.08	-10.95	68.2	-22.12	Peak	334.00	150	Horizontal	Pass
2**	2734.600	36.40	-10.95	54.0	-17.60	AV	334.00	150	Horizontal	Pass
3	4996.400	53.65	-2.91	68.2	-14.55	Peak	37.00	150	Horizontal	Pass
3**	4996.400	43.14	-2.91	54.0	-10.86	AV	37.00	150	Horizontal	Pass
4	5216.000	102.56	-2.86	--	--	Peak	185.00	150	Horizontal	N/A
4**	5216.000	94.61	-2.86	--	--	AV	185.00	150	Horizontal	N/A
5	7615.825	49.73	-2.92	68.2	-18.47	Peak	303.00	150	Horizontal	Pass
5**	7615.825	40.04	-2.92	54.0	-13.96	AV	303.00	150	Horizontal	Pass
6	11639.963	53.65	-0.24	68.2	-14.55	Peak	50.00	150	Horizontal	Pass
6**	11639.963	43.51	-0.24	54.0	-10.49	AV	50.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	46.32	-18.19	68.2	-21.88	Peak	220.00	150	Vertical	Pass
1**	1166.900	37.46	-18.19	54.0	-16.54	AV	220.00	150	Vertical	Pass
2	2861.300	46.76	-10.23	68.2	-21.44	Peak	37.00	150	Vertical	Pass
2**	2861.300	36.05	-10.23	54.0	-17.95	AV	37.00	150	Vertical	Pass
3	4999.800	52.98	-2.96	68.2	-15.22	Peak	237.00	150	Vertical	Pass
3**	4999.800	44.09	-2.96	54.0	-9.91	AV	237.00	150	Vertical	Pass
4	5216.600	105.09	-2.88	--	--	Peak	42.00	150	Vertical	N/A
4**	5216.600	96.92	-2.88	--	--	AV	42.00	150	Vertical	N/A
5	7360.237	49.83	-4.04	68.2	-18.37	Peak	265.00	150	Vertical	Pass
5**	7360.237	40.13	-4.04	54.0	-13.87	AV	265.00	150	Vertical	Pass
6	11954.201	54.38	1.20	68.2	-13.82	Peak	76.00	150	Vertical	Pass
6**	11954.201	44.06	1.20	54.0	-9.94	AV	76.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.600	47.86	-18.07	68.2	-20.34	Peak	187.00	150	Horizontal	Pass
1**	1155.600	38.69	-18.07	54.0	-15.31	AV	187.00	150	Horizontal	Pass
2	2742.000	46.56	-10.91	68.2	-21.64	Peak	346.00	150	Horizontal	Pass
2**	2742.000	36.85	-10.91	54.0	-17.15	AV	346.00	150	Horizontal	Pass
3	4978.000	54.27	-3.03	68.2	-13.93	Peak	53.00	150	Horizontal	Pass
3**	4978.000	43.92	-3.03	54.0	-10.08	AV	53.00	150	Horizontal	Pass
4	5257.800	109.13	-2.90	--	--	Peak	191.00	150	Horizontal	N/A
4**	5257.800	102.42	-2.90	--	--	AV	191.00	150	Horizontal	N/A
5	7344.138	49.28	-3.56	68.2	-18.92	Peak	264.00	150	Horizontal	Pass
5**	7344.138	40.90	-3.56	54.0	-13.10	AV	264.00	150	Horizontal	Pass
6	11677.625	53.24	0.21	68.2	-14.96	Peak	68.00	150	Horizontal	Pass
6**	11677.625	43.16	0.21	54.0	-10.84	AV	68.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1026.400	47.17	-18.01	68.2	-21.03	Peak	229.00	150	Vertical	Pass
1**	1026.400	37.63	-18.01	54.0	-16.37	AV	229.00	150	Vertical	Pass
2	2833.100	46.26	-10.34	68.2	-21.94	Peak	317.00	150	Vertical	Pass
2**	2833.100	36.25	-10.34	54.0	-17.75	AV	317.00	150	Vertical	Pass
3	4997.600	52.84	-2.90	68.2	-15.36	Peak	242.00	150	Vertical	Pass
3**	4997.600	44.15	-2.90	54.0	-9.85	AV	242.00	150	Vertical	Pass
4	5258.800	109.60	-2.89	--	--	Peak	290.00	150	Vertical	N/A
4**	5258.800	101.67	-2.89	--	--	AV	290.00	150	Vertical	N/A
5	7372.888	48.91	-3.80	68.2	-19.29	Peak	173.00	150	Vertical	Pass
5**	7372.888	40.15	-3.80	54.0	-13.85	AV	173.00	150	Vertical	Pass
6	12292.875	53.27	1.61	68.2	-14.93	Peak	353.00	150	Vertical	Pass
6**	12292.875	44.63	1.61	54.0	-9.37	AV	353.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.100	47.13	-18.03	68.2	-21.07	Peak	195.00	150	Horizontal	Pass
1**	1162.100	37.42	-18.03	54.0	-16.58	AV	195.00	150	Horizontal	Pass
2	2755.000	46.55	-10.74	68.2	-21.65	Peak	343.00	150	Horizontal	Pass
2**	2755.000	36.00	-10.74	54.0	-18.00	AV	343.00	150	Horizontal	Pass
3	4980.200	52.91	-3.01	68.2	-15.29	Peak	47.00	150	Horizontal	Pass
3**	4980.200	43.41	-3.01	54.0	-10.59	AV	47.00	150	Horizontal	Pass
4	5300.800	108.68	-3.25	--	--	Peak	193.00	150	Horizontal	N/A
4**	5300.800	100.84	-3.25	--	--	AV	193.00	150	Horizontal	N/A
5	7368.575	49.55	-4.06	68.2	-18.65	Peak	282.00	150	Horizontal	Pass
5**	7368.575	40.59	-4.06	54.0	-13.41	AV	282.00	150	Horizontal	Pass
6	12296.325	53.88	1.55	68.2	-14.32	Peak	121.00	150	Horizontal	Pass
6**	12296.325	44.74	1.55	54.0	-9.26	AV	121.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1038.800	47.12	-18.24	68.2	-21.08	Peak	235.00	150	Vertical	Pass
1**	1038.800	38.02	-18.24	54.0	-15.98	AV	235.00	150	Vertical	Pass
2	2775.100	45.88	-10.48	68.2	-22.32	Peak	111.00	150	Vertical	Pass
2**	2775.100	35.93	-10.48	54.0	-18.07	AV	111.00	150	Vertical	Pass
3	4986.400	53.22	-2.91	68.2	-14.98	Peak	240.00	150	Vertical	Pass
3**	4986.400	44.06	-2.91	54.0	-9.94	AV	240.00	150	Vertical	Pass
4	5299.200	108.19	-3.30	--	--	Peak	32.00	150	Vertical	N/A
4**	5299.200	101.27	-3.30	--	--	AV	32.00	150	Vertical	N/A
5	7335.225	49.69	-3.37	68.2	-18.51	Peak	227.00	150	Vertical	Pass
5**	7335.225	40.75	-3.37	54.0	-13.25	AV	227.00	150	Vertical	Pass
6	11999.625	53.77	1.27	68.2	-14.43	Peak	120.00	150	Vertical	Pass
6**	11999.625	43.46	1.27	54.0	-10.54	AV	120.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.100	47.63	-18.18	68.2	-20.57	Peak	188.00	150	Horizontal	Pass
1**	1167.100	38.78	-18.18	54.0	-15.22	AV	188.00	150	Horizontal	Pass
2	2739.500	46.07	-10.83	68.2	-22.13	Peak	347.00	150	Horizontal	Pass
2**	2739.500	36.28	-10.83	54.0	-17.72	AV	347.00	150	Horizontal	Pass
3	4999.600	52.89	-2.95	68.2	-15.31	Peak	51.00	150	Horizontal	Pass
3**	4999.600	44.36	-2.95	54.0	-9.64	AV	51.00	150	Horizontal	Pass
4	5318.400	108.67	-2.79	--	--	Peak	189.00	150	Horizontal	N/A
4**	5318.400	102.11	-2.79	--	--	AV	189.00	150	Horizontal	N/A
5	7326.312	49.61	-3.62	68.2	-18.59	Peak	159.00	150	Horizontal	Pass
5**	7326.312	39.97	-3.62	54.0	-14.03	AV	159.00	150	Horizontal	Pass
6	11940.688	53.75	1.67	68.2	-14.45	Peak	230.00	150	Horizontal	Pass
6**	11940.688	44.95	1.67	54.0	-9.05	AV	230.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.800	47.11	-18.38	68.2	-21.09	Peak	206.00	150	Vertical	Pass
1**	1064.800	37.94	-18.38	54.0	-16.06	AV	206.00	150	Vertical	Pass
2	2859.900	47.34	-10.20	68.2	-20.86	Peak	115.00	150	Vertical	Pass
2**	2859.900	36.56	-10.20	54.0	-17.44	AV	115.00	150	Vertical	Pass
3	4979.800	54.03	-3.02	68.2	-14.17	Peak	240.00	150	Vertical	Pass
3**	4979.800	44.60	-3.02	54.0	-9.40	AV	240.00	150	Vertical	Pass
4	5322.000	109.02	-2.76	--	--	Peak	339.00	150	Vertical	N/A
4**	5322.000	102.53	-2.76	--	--	AV	339.00	150	Vertical	N/A
5	7360.525	49.71	-4.03	68.2	-18.49	Peak	351.00	150	Vertical	Pass
5**	7360.525	40.27	-4.03	54.0	-13.73	AV	351.00	150	Vertical	Pass
6	12214.388	53.30	1.16	68.2	-14.90	Peak	67.00	150	Vertical	Pass
6**	12214.388	44.55	1.16	54.0	-9.45	AV	67.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.700	47.96	-18.07	68.2	-20.24	Peak	190.00	150	Horizontal	Pass
1**	1155.700	38.52	-18.07	54.0	-15.48	AV	190.00	150	Horizontal	Pass
2	2741.900	46.29	-10.91	68.2	-21.91	Peak	333.00	150	Horizontal	Pass
2**	2741.900	37.59	-10.91	54.0	-16.41	AV	333.00	150	Horizontal	Pass
3	4978.800	53.67	-3.02	68.2	-14.53	Peak	54.00	150	Horizontal	Pass
3**	4978.800	43.96	-3.02	54.0	-10.04	AV	54.00	150	Horizontal	Pass
4	5260.200	108.00	-2.97	--	--	Peak	315.00	150	Horizontal	N/A
4**	5260.200	98.62	-2.97	--	--	AV	315.00	150	Horizontal	N/A
5	7506.000	49.51	-3.53	68.2	-18.69	Peak	159.00	150	Horizontal	Pass
5**	7506.000	39.71	-3.53	54.0	-14.29	AV	159.00	150	Horizontal	Pass
6	11938.099	53.08	1.69	68.2	-15.12	Peak	159.00	150	Horizontal	Pass
6**	11938.099	44.08	1.69	54.0	-9.92	AV	159.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.200	46.75	-18.47	68.2	-21.45	Peak	202.00	150	Vertical	Pass
1**	1051.200	37.52	-18.47	54.0	-16.48	AV	202.00	150	Vertical	Pass
2	2830.500	47.25	-10.37	68.2	-20.95	Peak	95.00	150	Vertical	Pass
2**	2830.500	35.62	-10.37	54.0	-18.38	AV	95.00	150	Vertical	Pass
3	4980.200	53.13	-3.01	68.2	-15.07	Peak	240.00	150	Vertical	Pass
3**	4980.200	44.12	-3.01	54.0	-9.88	AV	240.00	150	Vertical	Pass
4	5256.000	108.51	-2.76	--	--	Peak	290.00	150	Vertical	N/A
4**	5256.000	100.06	-2.76	--	--	AV	290.00	150	Vertical	N/A
5	7485.300	49.38	-4.12	68.2	-18.82	Peak	360.00	150	Vertical	Pass
5**	7485.300	39.77	-4.12	54.0	-14.23	AV	360.00	150	Vertical	Pass
6	12231.063	53.21	1.27	68.2	-14.99	Peak	191.00	150	Vertical	Pass
6**	12231.063	43.77	1.27	54.0	-10.23	AV	191.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.700	47.22	-17.98	68.2	-20.98	Peak	191.00	150	Horizontal	Pass
1**	1152.700	37.38	-17.98	54.0	-16.62	AV	191.00	150	Horizontal	Pass
2	2732.500	45.65	-10.94	68.2	-22.55	Peak	338.00	150	Horizontal	Pass
2**	2732.500	37.33	-10.94	54.0	-16.67	AV	338.00	150	Horizontal	Pass
3	4977.800	53.25	-3.03	68.2	-14.95	Peak	50.00	150	Horizontal	Pass
3**	4977.800	42.83	-3.03	54.0	-11.17	AV	50.00	150	Horizontal	Pass
4	5301.200	109.77	-3.22	--	--	Peak	198.00	150	Horizontal	N/A
4**	5301.200	102.24	-3.22	--	--	AV	198.00	150	Horizontal	N/A
5	7327.462	49.24	-3.64	68.2	-18.96	Peak	161.00	150	Horizontal	Pass
5**	7327.462	40.40	-3.64	54.0	-13.60	AV	161.00	150	Horizontal	Pass
6	11649.162	52.79	-0.17	68.2	-15.41	Peak	105.00	150	Horizontal	Pass
6**	11649.162	42.97	-0.17	54.0	-11.03	AV	105.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.800	46.51	-17.99	68.2	-21.69	Peak	195.00	150	Vertical	Pass
1**	1152.800	36.49	-17.99	54.0	-17.51	AV	195.00	150	Vertical	Pass
2	2757.600	45.71	-10.85	68.2	-22.49	Peak	220.00	150	Vertical	Pass
2**	2757.600	35.74	-10.85	54.0	-18.26	AV	220.00	150	Vertical	Pass
3	4978.200	53.49	-3.03	68.2	-14.71	Peak	249.00	150	Vertical	Pass
3**	4978.200	43.14	-3.03	54.0	-10.86	AV	249.00	150	Vertical	Pass
4	5297.400	108.55	-3.26	--	--	Peak	339.00	150	Vertical	N/A
4**	5297.400	100.16	-3.26	--	--	AV	339.00	150	Vertical	N/A
5	7619.850	49.70	-2.99	68.2	-18.50	Peak	13.00	150	Vertical	Pass
5**	7619.850	40.86	-2.99	54.0	-13.14	AV	13.00	150	Vertical	Pass
6	12209.212	53.47	0.99	68.2	-14.73	Peak	86.00	150	Vertical	Pass
6**	12209.212	44.83	0.99	54.0	-9.17	AV	86.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.900	46.90	-18.27	68.2	-21.30	Peak	185.00	150	Horizontal	Pass
1**	1143.900	38.19	-18.27	54.0	-15.81	AV	185.00	150	Horizontal	Pass
2	2756.400	46.45	-10.73	68.2	-21.75	Peak	30.00	150	Horizontal	Pass
2**	2756.400	36.31	-10.73	54.0	-17.69	AV	30.00	150	Horizontal	Pass
3	4986.600	53.94	-2.91	68.2	-14.26	Peak	55.00	150	Horizontal	Pass
3**	4986.600	43.05	-2.91	54.0	-10.95	AV	55.00	150	Horizontal	Pass
4	5314.400	108.54	-2.68	--	--	Peak	195.00	150	Horizontal	N/A
4**	5314.400	100.22	-2.68	--	--	AV	195.00	150	Horizontal	N/A
5	7489.900	49.65	-4.05	68.2	-18.55	Peak	319.00	150	Horizontal	Pass
5**	7489.900	39.78	-4.05	54.0	-14.22	AV	319.00	150	Horizontal	Pass
6	12227.613	53.29	1.31	68.2	-14.91	Peak	31.00	150	Horizontal	Pass
6**	12227.613	44.08	1.31	54.0	-9.92	AV	31.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.300	46.82	-18.26	68.2	-21.38	Peak	199.00	150	Vertical	Pass
1**	1144.300	36.57	-18.26	54.0	-17.43	AV	199.00	150	Vertical	Pass
2	2832.500	45.91	-10.34	68.2	-22.29	Peak	101.00	150	Vertical	Pass
2**	2832.500	35.45	-10.34	54.0	-18.55	AV	101.00	150	Vertical	Pass
3	4923.000	52.39	-2.55	68.2	-15.81	Peak	39.00	150	Vertical	Pass
3**	4923.000	43.77	-2.55	54.0	-10.23	AV	39.00	150	Vertical	Pass
4	5324.000	109.70	-2.81	--	--	Peak	351.00	150	Vertical	N/A
4**	5324.000	101.37	-2.81	--	--	AV	351.00	150	Vertical	N/A
5	7388.125	49.27	-4.03	68.2	-18.93	Peak	85.00	150	Vertical	Pass
5**	7388.125	40.20	-4.03	54.0	-13.80	AV	85.00	150	Vertical	Pass
6	11842.650	53.29	1.15	68.2	-14.91	Peak	273.00	150	Vertical	Pass
6**	11842.650	44.32	1.15	54.0	-9.68	AV	273.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1142.900	47.96	-18.29	68.2	-20.24	Peak	187.00	150	Horizontal	Pass
1**	1142.900	37.76	-18.29	54.0	-16.24	AV	187.00	150	Horizontal	Pass
2	2756.600	46.51	-10.75	68.2	-21.69	Peak	28.00	150	Horizontal	Pass
2**	2756.600	36.09	-10.75	54.0	-17.91	AV	28.00	150	Horizontal	Pass
3	4800.000	52.51	-2.55	68.2	-15.69	Peak	226.00	150	Horizontal	Pass
3**	4800.000	43.10	-2.55	54.0	-10.90	AV	226.00	150	Horizontal	Pass
4	5268.200	104.88	-3.04	--	--	Peak	324.00	150	Horizontal	N/A
4**	5268.200	96.86	-3.04	--	--	AV	324.00	150	Horizontal	N/A
5	7505.138	49.19	-3.53	68.2	-19.01	Peak	193.00	150	Horizontal	Pass
5**	7505.138	40.26	-3.53	54.0	-13.74	AV	193.00	150	Horizontal	Pass
6	12243.138	53.70	1.03	68.2	-14.50	Peak	32.00	150	Horizontal	Pass
6**	12243.138	44.27	1.03	54.0	-9.73	AV	32.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1038.300	47.58	-18.20	68.2	-20.62	Peak	232.00	150	Vertical	Pass
1**	1038.300	38.48	-18.20	54.0	-15.52	AV	232.00	150	Vertical	Pass
2	2829.300	47.62	-10.36	68.2	-20.58	Peak	56.00	150	Vertical	Pass
2**	2829.300	35.90	-10.36	54.0	-18.10	AV	56.00	150	Vertical	Pass
3	4995.600	53.08	-2.93	68.2	-15.12	Peak	166.00	150	Vertical	Pass
3**	4995.600	44.30	-2.93	54.0	-9.70	AV	166.00	150	Vertical	Pass
4	5273.600	106.09	-3.03	--	--	Peak	283.00	150	Vertical	N/A
4**	5273.600	98.71	-3.03	--	--	AV	283.00	150	Vertical	N/A
5	7478.112	49.10	-4.29	68.2	-19.10	Peak	349.00	150	Vertical	Pass
5**	7478.112	40.37	-4.29	54.0	-13.63	AV	349.00	150	Vertical	Pass
6	12242.562	53.20	1.04	68.2	-15.00	Peak	33.00	150	Vertical	Pass
6**	12242.562	44.11	1.04	54.0	-9.89	AV	33.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.600	46.85	-18.15	68.2	-21.35	Peak	182.00	150	Horizontal	Pass
1**	1169.600	36.85	-18.15	54.0	-17.15	AV	182.00	150	Horizontal	Pass
2	2731.500	46.02	-10.93	68.2	-22.18	Peak	46.00	150	Horizontal	Pass
2**	2731.500	36.41	-10.93	54.0	-17.59	AV	46.00	150	Horizontal	Pass
3	4978.800	53.25	-3.02	68.2	-14.95	Peak	44.00	150	Horizontal	Pass
3**	4978.800	44.62	-3.02	54.0	-9.38	AV	44.00	150	Horizontal	Pass
4	5304.200	104.06	-3.06	--	--	Peak	196.00	150	Horizontal	N/A
4**	5304.200	95.60	-3.06	--	--	AV	196.00	150	Horizontal	N/A
5	7615.250	50.51	-3.03	68.2	-17.69	Peak	359.00	150	Horizontal	Pass
5**	7615.250	40.22	-3.03	54.0	-13.78	AV	359.00	150	Horizontal	Pass
6	12249.175	53.68	0.96	68.2	-14.52	Peak	140.00	150	Horizontal	Pass
6**	12249.175	44.23	0.96	54.0	-9.77	AV	140.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.100	46.57	-18.42	68.2	-21.63	Peak	272.00	150	Vertical	Pass
1**	1066.100	37.81	-18.42	54.0	-16.19	AV	272.00	150	Vertical	Pass
2	2826.300	47.32	-10.26	68.2	-20.88	Peak	238.00	150	Vertical	Pass
2**	2826.300	35.46	-10.26	54.0	-18.54	AV	238.00	150	Vertical	Pass
3	4991.400	52.92	-2.92	68.2	-15.28	Peak	360.00	150	Vertical	Pass
3**	4991.400	42.46	-2.92	54.0	-11.54	AV	360.00	150	Vertical	Pass
4	5306.400	104.18	-2.99	--	--	Peak	288.00	150	Vertical	N/A
4**	5306.400	95.16	-2.99	--	--	AV	288.00	150	Vertical	N/A
5	7351.900	49.71	-3.85	68.2	-18.49	Peak	291.00	150	Vertical	Pass
5**	7351.900	40.56	-3.85	54.0	-13.44	AV	291.00	150	Vertical	Pass
6	12228.187	53.71	1.31	68.2	-14.49	Peak	0.00	150	Vertical	Pass
6**	12228.187	43.86	1.31	54.0	-10.14	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.900	46.65	-18.23	68.2	-21.55	Peak	193.00	150	Horizontal	Pass
1**	1144.900	36.83	-18.23	54.0	-17.17	AV	193.00	150	Horizontal	Pass
2	2722.000	45.97	-11.09	68.2	-22.23	Peak	31.00	150	Horizontal	Pass
2**	2722.000	36.85	-11.09	54.0	-17.15	AV	31.00	150	Horizontal	Pass
3	4982.800	53.18	-2.92	68.2	-15.02	Peak	360.00	150	Horizontal	Pass
3**	4982.800	43.24	-2.92	54.0	-10.76	AV	360.00	150	Horizontal	Pass
4	5261.400	108.17	-3.12	--	--	Peak	325.00	150	Horizontal	N/A
4**	5261.400	99.82	-3.12	--	--	AV	325.00	150	Horizontal	N/A
5	7321.713	49.24	-3.65	68.2	-18.96	Peak	156.00	150	Horizontal	Pass
5**	7321.713	39.73	-3.65	54.0	-14.27	AV	156.00	150	Horizontal	Pass
6	12264.700	53.18	1.28	68.2	-15.02	Peak	176.00	150	Horizontal	Pass
6**	12264.700	44.11	1.28	54.0	-9.89	AV	176.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.700	46.00	-18.42	68.2	-22.20	Peak	207.00	150	Vertical	Pass
1**	1061.700	37.84	-18.42	54.0	-16.16	AV	207.00	150	Vertical	Pass
2	2828.900	46.66	-10.36	68.2	-21.54	Peak	250.00	150	Vertical	Pass
2**	2828.900	35.54	-10.36	54.0	-18.46	AV	250.00	150	Vertical	Pass
3	4999.400	53.75	-2.94	68.2	-14.45	Peak	23.00	150	Vertical	Pass
3**	4999.400	44.94	-2.94	54.0	-9.06	AV	23.00	150	Vertical	Pass
4	5264.600	108.64	-3.07	--	--	Peak	37.00	150	Vertical	N/A
4**	5264.600	100.91	-3.07	--	--	AV	37.00	150	Vertical	N/A
5	7615.825	50.08	-2.92	68.2	-18.12	Peak	86.00	150	Vertical	Pass
5**	7615.825	40.46	-2.92	54.0	-13.54	AV	86.00	150	Vertical	Pass
6	12222.437	53.79	1.26	68.2	-14.41	Peak	229.00	150	Vertical	Pass
6**	12222.437	45.04	1.26	54.0	-8.96	AV	229.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.000	48.00	-18.20	68.2	-20.20	Peak	184.00	150	Horizontal	Pass
1**	1146.000	38.21	-18.20	54.0	-15.79	AV	184.00	150	Horizontal	Pass
2	2812.100	46.04	-10.12	68.2	-22.16	Peak	48.00	150	Horizontal	Pass
2**	2812.100	36.00	-10.12	54.0	-18.00	AV	48.00	150	Horizontal	Pass
3	4988.600	53.23	-2.90	68.2	-14.97	Peak	51.00	150	Horizontal	Pass
3**	4988.600	44.18	-2.90	54.0	-9.82	AV	51.00	150	Horizontal	Pass
4	5298.600	107.50	-3.27	--	--	Peak	325.00	150	Horizontal	N/A
4**	5298.600	99.89	-3.27	--	--	AV	325.00	150	Horizontal	N/A
5	7348.450	49.73	-3.85	68.2	-18.47	Peak	165.00	150	Horizontal	Pass
5**	7348.450	39.94	-3.85	54.0	-14.06	AV	165.00	150	Horizontal	Pass
6	12232.500	53.75	1.23	68.2	-14.45	Peak	16.00	150	Horizontal	Pass
6**	12232.500	44.10	1.23	54.0	-9.90	AV	16.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1073.700	46.24	-18.51	68.2	-21.96	Peak	203.00	150	Vertical	Pass
1**	1073.700	37.25	-18.51	54.0	-16.75	AV	203.00	150	Vertical	Pass
2	2820.600	47.69	-10.20	68.2	-20.51	Peak	244.00	150	Vertical	Pass
2**	2820.600	35.79	-10.20	54.0	-18.21	AV	244.00	150	Vertical	Pass
3	4999.800	52.35	-2.96	68.2	-15.85	Peak	242.00	150	Vertical	Pass
3**	4999.800	44.43	-2.96	54.0	-9.57	AV	242.00	150	Vertical	Pass
4	5304.600	108.12	-3.05	--	--	Peak	337.00	150	Vertical	N/A
4**	5304.600	100.49	-3.05	--	--	AV	337.00	150	Vertical	N/A
5	7615.250	49.41	-3.03	68.2	-18.79	Peak	329.00	150	Vertical	Pass
5**	7615.250	40.11	-3.03	54.0	-13.89	AV	329.00	150	Vertical	Pass
6	11764.450	52.89	1.30	68.2	-15.31	Peak	329.00	150	Vertical	Pass
6**	11764.450	42.87	1.30	54.0	-11.13	AV	329.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.700	47.33	-18.18	68.2	-20.87	Peak	184.00	150	Horizontal	Pass
1**	1146.700	37.54	-18.18	54.0	-16.46	AV	184.00	150	Horizontal	Pass
2	2776.900	45.67	-10.44	68.2	-22.53	Peak	51.00	150	Horizontal	Pass
2**	2776.900	37.34	-10.44	54.0	-16.66	AV	51.00	150	Horizontal	Pass
3	4977.800	53.56	-3.03	68.2	-14.64	Peak	43.00	150	Horizontal	Pass
3**	4977.800	44.67	-3.03	54.0	-9.33	AV	43.00	150	Horizontal	Pass
4	5314.800	107.86	-2.69	--	--	Peak	187.00	150	Horizontal	N/A
4**	5314.800	99.95	-2.69	--	--	AV	187.00	150	Horizontal	N/A
5	7341.263	49.54	-3.62	68.2	-18.66	Peak	288.00	150	Horizontal	Pass
5**	7341.263	40.50	-3.62	54.0	-13.50	AV	288.00	150	Horizontal	Pass
6	12006.525	53.39	1.26	68.2	-14.81	Peak	324.00	150	Horizontal	Pass
6**	12006.525	44.14	1.26	54.0	-9.86	AV	324.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1050.300	46.32	-18.43	68.2	-21.88	Peak	267.00	150	Vertical	Pass
1**	1050.300	38.96	-18.43	54.0	-15.04	AV	267.00	150	Vertical	Pass
2	2776.500	45.63	-10.45	68.2	-22.57	Peak	259.00	150	Vertical	Pass
2**	2776.500	37.01	-10.45	54.0	-16.99	AV	259.00	150	Vertical	Pass
3	4979.400	53.14	-3.02	68.2	-15.06	Peak	300.00	150	Vertical	Pass
3**	4979.400	43.54	-3.02	54.0	-10.46	AV	300.00	150	Vertical	Pass
4	5324.800	108.44	-2.90	--	--	Peak	350.00	150	Vertical	N/A
4**	5324.800	100.65	-2.90	--	--	AV	350.00	150	Vertical	N/A
5	7382.950	49.41	-3.84	68.2	-18.79	Peak	0.00	150	Vertical	Pass
5**	7382.950	40.07	-3.84	54.0	-13.93	AV	0.00	150	Vertical	Pass
6	11947.013	53.27	1.48	68.2	-14.93	Peak	0.00	150	Vertical	Pass
6**	11947.013	44.03	1.48	54.0	-9.97	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.300	46.90	-18.26	68.2	-21.30	Peak	185.00	150	Horizontal	Pass
1**	1144.300	36.65	-18.26	54.0	-17.35	AV	185.00	150	Horizontal	Pass
2	2776.100	46.81	-10.46	68.2	-21.39	Peak	32.00	150	Horizontal	Pass
2**	2776.100	36.69	-10.46	54.0	-17.31	AV	32.00	150	Horizontal	Pass
3	4939.800	52.65	-3.00	68.2	-15.55	Peak	303.00	150	Horizontal	Pass
3**	4939.800	42.49	-3.00	54.0	-11.51	AV	303.00	150	Horizontal	Pass
4	5272.400	105.35	-3.10	--	--	Peak	205.00	150	Horizontal	N/A
4**	5272.400	97.43	-3.10	--	--	AV	205.00	150	Horizontal	N/A
5	7324.013	49.35	-3.58	68.2	-18.85	Peak	0.00	150	Horizontal	Pass
5**	7324.013	41.33	-3.58	54.0	-12.67	AV	0.00	150	Horizontal	Pass
6	11636.225	53.52	-0.22	68.2	-14.68	Peak	290.00	150	Horizontal	Pass
6**	11636.225	43.82	-0.22	54.0	-10.18	AV	290.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.300	46.90	-18.26	68.2	-21.30	Peak	185.00	150	Vertical	Pass
1**	1144.300	36.65	-18.26	54.0	-17.35	AV	185.00	150	Vertical	Pass
2	2776.100	46.81	-10.46	68.2	-21.39	Peak	32.00	150	Vertical	Pass
2**	2776.100	36.69	-10.46	54.0	-17.31	AV	32.00	150	Vertical	Pass
3	4939.800	52.65	-3.00	68.2	-15.55	Peak	303.00	150	Vertical	Pass
3**	4939.800	42.49	-3.00	54.0	-11.51	AV	303.00	150	Vertical	Pass
4	5272.400	105.35	-3.10	--	--	Peak	205.00	150	Vertical	N/A
4**	5272.400	97.43	-3.10	--	--	AV	205.00	150	Vertical	N/A
5	7324.013	49.35	-3.58	68.2	-18.85	Peak	0.00	150	Vertical	Pass
5**	7324.013	41.33	-3.58	54.0	-12.67	AV	0.00	150	Vertical	Pass
6	11636.225	53.52	-0.22	68.2	-14.68	Peak	290.00	150	Vertical	Pass
6**	11636.225	43.82	-0.22	54.0	-10.18	AV	290.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.200	48.02	-18.29	68.2	-20.18	Peak	179.00	150	Horizontal	Pass
1**	1143.200	40.38	-18.29	54.0	-13.62	AV	179.00	150	Horizontal	Pass
2	2711.300	46.64	-11.22	68.2	-21.56	Peak	17.00	150	Horizontal	Pass
2**	2711.300	36.35	-11.22	54.0	-17.65	AV	17.00	150	Horizontal	Pass
3	4978.600	54.05	-3.02	68.2	-14.15	Peak	70.00	150	Horizontal	Pass
3**	4978.600	43.61	-3.02	54.0	-10.39	AV	70.00	150	Horizontal	Pass
4	5304.400	104.43	-3.05	--	--	Peak	206.00	150	Horizontal	N/A
4**	5304.400	95.62	-3.05	--	--	AV	206.00	150	Horizontal	N/A
5	7321.713	49.70	-3.65	68.2	-18.50	Peak	126.00	150	Horizontal	Pass
5**	7321.713	40.20	-3.65	54.0	-13.80	AV	126.00	150	Horizontal	Pass
6	11560.037	52.86	-0.45	68.2	-15.34	Peak	328.00	150	Horizontal	Pass
6**	11560.037	44.07	-0.45	54.0	-9.93	AV	328.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1038.500	46.08	-18.21	68.2	-22.12	Peak	212.00	150	Vertical	Pass
1**	1038.500	37.82	-18.21	54.0	-16.18	AV	212.00	150	Vertical	Pass
2	2743.200	46.36	-10.94	68.2	-21.84	Peak	237.00	150	Vertical	Pass
2**	2743.200	36.22	-10.94	54.0	-17.78	AV	237.00	150	Vertical	Pass
3	4983.000	52.95	-2.91	68.2	-15.25	Peak	269.00	150	Vertical	Pass
3**	4983.000	42.91	-2.91	54.0	-11.09	AV	269.00	150	Vertical	Pass
4	5313.200	105.05	-2.67	--	--	Peak	355.00	150	Vertical	N/A
4**	5313.200	98.05	-2.67	--	--	AV	355.00	150	Vertical	N/A
5	7522.100	49.69	-3.73	68.2	-18.51	Peak	57.00	150	Vertical	Pass
5**	7522.100	39.73	-3.73	54.0	-14.27	AV	57.00	150	Vertical	Pass
6	11940.975	53.11	1.66	68.2	-15.09	Peak	253.00	150	Vertical	Pass
6**	11940.975	43.80	1.66	54.0	-10.20	AV	253.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.300	47.35	-18.08	68.2	-20.85	Peak	186.00	150	Horizontal	Pass
1**	1156.300	38.47	-18.08	54.0	-15.53	AV	186.00	150	Horizontal	Pass
2	2769.700	45.72	-10.59	68.2	-22.48	Peak	331.00	150	Horizontal	Pass
2**	2769.700	36.62	-10.59	54.0	-17.38	AV	331.00	150	Horizontal	Pass
3	4998.200	53.61	-2.90	68.2	-14.59	Peak	0.00	150	Horizontal	Pass
3**	4998.200	43.49	-2.90	54.0	-10.51	AV	0.00	150	Horizontal	Pass
4	5301.800	100.78	-3.17	--	--	Peak	207.00	150	Horizontal	N/A
4**	5301.800	92.66	-3.17	--	--	AV	207.00	150	Horizontal	N/A
5	7501.687	49.37	-3.84	68.2	-18.83	Peak	111.00	150	Horizontal	Pass
5**	7501.687	40.54	-3.84	54.0	-13.46	AV	111.00	150	Horizontal	Pass
6	12341.463	53.87	1.29	68.2	-14.33	Peak	93.00	150	Horizontal	Pass
6**	12341.463	44.29	1.29	54.0	-9.71	AV	93.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1041.300	47.15	-18.31	68.2	-21.05	Peak	217.00	150	Vertical	Pass
1**	1041.300	36.66	-18.31	54.0	-17.34	AV	217.00	150	Vertical	Pass
2	2776.200	46.10	-10.46	68.2	-22.10	Peak	126.00	150	Vertical	Pass
2**	2776.200	36.16	-10.46	54.0	-17.84	AV	126.00	150	Vertical	Pass
3	4980.200	53.17	-3.01	68.2	-15.03	Peak	72.00	150	Vertical	Pass
3**	4980.200	43.19	-3.01	54.0	-10.81	AV	72.00	150	Vertical	Pass
4	5288.000	101.30	-3.34	--	--	Peak	46.00	150	Vertical	N/A
4**	5288.000	93.31	-3.34	--	--	AV	46.00	150	Vertical	N/A
5	7368.575	49.82	-4.06	68.2	-18.38	Peak	360.00	150	Vertical	Pass
5**	7368.575	39.78	-4.06	54.0	-14.22	AV	360.00	150	Vertical	Pass
6	11942.700	53.12	1.61	68.2	-15.08	Peak	75.00	150	Vertical	Pass
6**	11942.700	43.73	1.61	54.0	-10.27	AV	75.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.500	46.81	-18.12	68.2	-21.39	Peak	180.00	150	Horizontal	Pass
1**	1165.500	38.57	-18.12	54.0	-15.43	AV	180.00	150	Horizontal	Pass
2	2748.500	45.78	-10.88	68.2	-22.42	Peak	299.00	150	Horizontal	Pass
2**	2748.500	36.24	-10.88	54.0	-17.76	AV	299.00	150	Horizontal	Pass
3	4979.600	52.72	-3.02	68.2	-15.48	Peak	58.00	150	Horizontal	Pass
3**	4979.600	44.97	-3.02	54.0	-9.03	AV	58.00	150	Horizontal	Pass
4	5502.400	109.05	-2.21	--	--	Peak	208.00	150	Horizontal	N/A
4**	5502.400	101.45	-2.21	--	--	AV	208.00	150	Horizontal	N/A
5	7349.025	49.49	-3.86	68.2	-18.71	Peak	76.00	150	Horizontal	Pass
5**	7349.025	40.22	-3.86	54.0	-13.78	AV	76.00	150	Horizontal	Pass
6	11934.650	53.44	1.68	68.2	-14.76	Peak	130.00	150	Horizontal	Pass
6**	11934.650	44.71	1.68	54.0	-9.29	AV	130.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.200	46.29	-18.15	68.2	-21.91	Peak	74.00	150	Vertical	Pass
1**	1166.200	36.66	-18.15	54.0	-17.34	AV	74.00	150	Vertical	Pass
2	2746.600	46.13	-10.89	68.2	-22.07	Peak	275.00	150	Vertical	Pass
2**	2746.600	36.27	-10.89	54.0	-17.73	AV	275.00	150	Vertical	Pass
3	4979.400	53.29	-3.02	68.2	-14.91	Peak	219.00	150	Vertical	Pass
3**	4979.400	44.81	-3.02	54.0	-9.19	AV	219.00	150	Vertical	Pass
4	5498.200	108.70	-2.04	--	--	Peak	356.00	150	Vertical	N/A
4**	5498.200	100.64	-2.04	--	--	AV	356.00	150	Vertical	N/A
5	7332.063	49.99	-3.58	68.2	-18.21	Peak	111.00	150	Vertical	Pass
5**	7332.063	41.24	-3.58	54.0	-12.76	AV	111.00	150	Vertical	Pass
6	12222.151	53.27	1.26	68.2	-14.93	Peak	73.00	150	Vertical	Pass
6**	12222.151	44.20	1.26	54.0	-9.80	AV	73.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	46.84	-18.43	68.2	-21.36	Peak	196.00	150	Horizontal	Pass
1**	1062.500	38.15	-18.43	54.0	-15.85	AV	196.00	150	Horizontal	Pass
2	2732.300	45.85	-10.94	68.2	-22.35	Peak	238.00	150	Horizontal	Pass
2**	2732.300	38.18	-10.94	54.0	-15.82	AV	238.00	150	Horizontal	Pass
3	4999.200	52.87	-2.94	68.2	-15.33	Peak	259.00	150	Horizontal	Pass
3**	4999.200	44.32	-2.94	54.0	-9.68	AV	259.00	150	Horizontal	Pass
4	5582.000	109.43	-2.31	--	--	Peak	358.00	150	Horizontal	N/A
4**	5582.000	101.97	-2.31	--	--	AV	358.00	150	Horizontal	N/A
5	7351.612	50.66	-3.85	68.2	-17.54	Peak	93.00	150	Horizontal	Pass
5**	7351.612	41.31	-3.85	54.0	-12.69	AV	93.00	150	Horizontal	Pass
6	11935.513	53.34	1.69	68.2	-14.86	Peak	220.00	150	Horizontal	Pass
6**	11935.513	44.10	1.69	54.0	-9.90	AV	220.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1046.200	46.82	-18.40	68.2	-21.38	Peak	192.00	150	Vertical	Pass
1**	1046.200	36.00	-18.40	54.0	-18.00	AV	192.00	150	Vertical	Pass
2	2770.400	45.75	-10.54	68.2	-22.45	Peak	266.00	150	Vertical	Pass
2**	2770.400	36.17	-10.54	54.0	-17.83	AV	266.00	150	Vertical	Pass
3	4979.200	53.42	-3.02	68.2	-14.78	Peak	248.00	150	Vertical	Pass
3**	4979.200	43.23	-3.02	54.0	-10.77	AV	248.00	150	Vertical	Pass
4	5581.600	109.05	-2.29	--	--	Peak	350.00	150	Vertical	N/A
4**	5581.600	102.40	-2.29	--	--	AV	350.00	150	Vertical	N/A
5	7344.712	49.35	-3.63	68.2	-18.85	Peak	273.00	150	Vertical	Pass
5**	7344.712	40.46	-3.63	54.0	-13.54	AV	273.00	150	Vertical	Pass
6	12262.974	53.35	1.20	68.2	-14.85	Peak	146.00	150	Vertical	Pass
6**	12262.974	44.07	1.20	54.0	-9.93	AV	146.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.400	46.73	-18.19	68.2	-21.47	Peak	184.00	150	Horizontal	Pass
1**	1146.400	38.23	-18.19	54.0	-15.77	AV	184.00	150	Horizontal	Pass
2	2759.900	46.02	-11.00	68.2	-22.18	Peak	288.00	150	Horizontal	Pass
2**	2759.900	36.28	-11.00	54.0	-17.72	AV	288.00	150	Horizontal	Pass
3	4978.400	53.12	-3.03	68.2	-15.08	Peak	71.00	150	Horizontal	Pass
3**	4978.400	45.22	-3.03	54.0	-8.78	AV	71.00	150	Horizontal	Pass
4	5701.600	108.46	-2.11	--	--	Peak	321.00	150	Horizontal	N/A
4**	5701.600	100.88	-2.11	--	--	AV	321.00	150	Horizontal	N/A
5	7662.688	49.24	-2.45	68.2	-18.96	Peak	360.00	150	Horizontal	Pass
5**	7662.688	40.19	-2.45	54.0	-13.81	AV	360.00	150	Horizontal	Pass
6	12318.750	53.68	1.42	68.2	-14.52	Peak	200.00	150	Horizontal	Pass
6**	12318.750	43.83	1.42	54.0	-10.17	AV	200.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.600	46.76	-18.03	68.2	-21.44	Peak	183.00	150	Vertical	Pass
1**	1161.600	39.08	-18.03	54.0	-14.92	AV	183.00	150	Vertical	Pass
2	2826.300	45.38	-10.26	68.2	-22.82	Peak	241.00	150	Vertical	Pass
2**	2826.300	36.03	-10.26	54.0	-17.97	AV	241.00	150	Vertical	Pass
3	4667.400	53.76	-3.49	68.2	-14.44	Peak	71.00	150	Vertical	Pass
3**	4667.400	43.78	-3.49	54.0	-10.22	AV	71.00	150	Vertical	Pass
4	5698.000	107.88	-2.07	--	--	Peak	270.00	150	Vertical	N/A
4**	5698.000	100.33	-2.07	--	--	AV	270.00	150	Vertical	N/A
5	7366.275	50.12	-4.02	68.2	-18.08	Peak	131.00	150	Vertical	Pass
5**	7366.275	40.80	-4.02	54.0	-13.20	AV	131.00	150	Vertical	Pass
6	12231.638	54.26	1.26	68.2	-13.94	Peak	203.00	150	Vertical	Pass
6**	12231.638	43.97	1.26	54.0	-10.03	AV	203.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.900	47.70	-18.10	68.2	-20.50	Peak	186.00	150	Horizontal	Pass
1**	1156.900	38.88	-18.10	54.0	-15.12	AV	186.00	150	Horizontal	Pass
2	2732.300	45.84	-10.94	68.2	-22.36	Peak	340.00	150	Horizontal	Pass
2**	2732.300	37.64	-10.94	54.0	-16.36	AV	340.00	150	Horizontal	Pass
3	4978.000	54.30	-3.03	68.2	-13.90	Peak	72.00	150	Horizontal	Pass
3**	4978.000	42.91	-3.03	54.0	-11.09	AV	72.00	150	Horizontal	Pass
4	5502.200	108.28	-2.21	--	--	Peak	208.00	150	Horizontal	N/A
4**	5502.200	100.62	-2.21	--	--	AV	208.00	150	Horizontal	N/A
5	7509.450	49.40	-3.64	68.2	-18.80	Peak	5.00	150	Horizontal	Pass
5**	7509.450	40.41	-3.64	54.0	-13.59	AV	5.00	150	Horizontal	Pass
6	12255.500	53.20	0.99	68.2	-15.00	Peak	202.00	150	Horizontal	Pass
6**	12255.500	44.21	0.99	54.0	-9.79	AV	202.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.500	47.13	-18.22	68.2	-21.07	Peak	186.00	150	Vertical	Pass
1**	1170.500	36.12	-18.22	54.0	-17.88	AV	186.00	150	Vertical	Pass
2	2854.000	46.05	-10.25	68.2	-22.15	Peak	104.00	150	Vertical	Pass
2**	2854.000	36.04	-10.25	54.0	-17.96	AV	104.00	150	Vertical	Pass
3	4992.000	52.43	-2.93	68.2	-15.77	Peak	9.00	150	Vertical	Pass
3**	4992.000	44.09	-2.93	54.0	-9.91	AV	9.00	150	Vertical	Pass
4	5498.800	107.96	-2.07	--	--	Peak	274.00	150	Vertical	N/A
4**	5498.800	102.49	-2.07	--	--	AV	274.00	150	Vertical	N/A
5	7469.200	49.22	-3.83	68.2	-18.98	Peak	274.00	150	Vertical	Pass
5**	7469.200	40.38	-3.83	54.0	-13.62	AV	274.00	150	Vertical	Pass
6	12100.825	53.61	0.57	68.2	-14.59	Peak	95.00	150	Vertical	Pass
6**	12100.825	43.25	0.57	54.0	-10.75	AV	95.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.300	47.79	-18.01	68.2	-20.41	Peak	176.00	150	Horizontal	Pass
1**	1153.300	38.09	-18.01	54.0	-15.91	AV	176.00	150	Horizontal	Pass
2	2832.000	46.29	-10.35	68.2	-21.91	Peak	46.00	150	Horizontal	Pass
2**	2832.000	35.95	-10.35	54.0	-18.05	AV	46.00	150	Horizontal	Pass
3	4977.600	53.59	-3.03	68.2	-14.61	Peak	61.00	150	Horizontal	Pass
3**	4977.600	44.05	-3.03	54.0	-9.95	AV	61.00	150	Horizontal	Pass
4	5581.200	108.03	-2.28	--	--	Peak	338.00	150	Horizontal	N/A
4**	5581.200	100.62	-2.28	--	--	AV	338.00	150	Horizontal	N/A
5	7672.750	50.17	-2.51	68.2	-18.03	Peak	0.00	150	Horizontal	Pass
5**	7672.750	40.85	-2.51	54.0	-13.15	AV	0.00	150	Horizontal	Pass
6	12246.587	53.84	0.99	68.2	-14.36	Peak	239.00	150	Horizontal	Pass
6**	12246.587	43.66	0.99	54.0	-10.34	AV	239.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1043.100	46.84	-18.38	68.2	-21.36	Peak	194.00	150	Vertical	Pass
1**	1043.100	36.81	-18.38	54.0	-17.19	AV	194.00	150	Vertical	Pass
2	2828.400	45.92	-10.35	68.2	-22.28	Peak	90.00	150	Vertical	Pass
2**	2828.400	34.98	-10.35	54.0	-19.02	AV	90.00	150	Vertical	Pass
3	4978.600	52.85	-3.02	68.2	-15.35	Peak	159.00	150	Vertical	Pass
3**	4978.600	44.97	-3.02	54.0	-9.03	AV	159.00	150	Vertical	Pass
4	5585.000	108.77	-2.39	--	--	Peak	349.00	150	Vertical	N/A
4**	5585.000	100.94	-2.39	--	--	AV	349.00	150	Vertical	N/A
5	7396.463	49.03	-4.25	68.2	-19.17	Peak	346.00	150	Vertical	Pass
5**	7396.463	39.70	-4.25	54.0	-14.30	AV	346.00	150	Vertical	Pass
6	12302.650	53.13	1.43	68.2	-15.07	Peak	0.00	150	Vertical	Pass
6**	12302.650	43.51	1.43	54.0	-10.49	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.800	47.67	-18.06	68.2	-20.53	Peak	178.00	150	Horizontal	Pass
1**	1154.800	38.12	-18.06	54.0	-15.88	AV	178.00	150	Horizontal	Pass
2	2778.000	46.72	-10.42	68.2	-21.48	Peak	26.00	150	Horizontal	Pass
2**	2778.000	37.42	-10.42	54.0	-16.58	AV	26.00	150	Horizontal	Pass
3	4983.600	52.90	-2.90	68.2	-15.30	Peak	59.00	150	Horizontal	Pass
3**	4983.600	43.31	-2.90	54.0	-10.69	AV	59.00	150	Horizontal	Pass
4	5694.600	107.63	-2.04	--	--	Peak	324.00	150	Horizontal	N/A
4**	5694.600	99.91	-2.04	--	--	AV	324.00	150	Horizontal	N/A
5	7336.375	49.79	-3.43	68.2	-18.41	Peak	346.00	150	Horizontal	Pass
5**	7336.375	40.57	-3.43	54.0	-13.43	AV	346.00	150	Horizontal	Pass
6	11934.075	52.87	1.67	68.2	-15.33	Peak	89.00	150	Horizontal	Pass
6**	11934.075	44.12	1.67	54.0	-9.88	AV	89.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1060.900	46.36	-18.40	68.2	-21.84	Peak	215.00	150	Vertical	Pass
1**	1060.900	38.51	-18.40	54.0	-15.49	AV	215.00	150	Vertical	Pass
2	3804.200	50.06	-5.44	68.2	-18.14	Peak	50.00	150	Vertical	Pass
2**	3804.200	41.08	-5.44	54.0	-12.92	AV	50.00	150	Vertical	Pass
3	4978.800	53.70	-3.02	68.2	-14.50	Peak	253.00	150	Vertical	Pass
3**	4978.800	44.51	-3.02	54.0	-9.49	AV	253.00	150	Vertical	Pass
4	5702.200	107.60	-2.15	--	--	Peak	341.00	150	Vertical	N/A
4**	5702.200	100.17	-2.15	--	--	AV	341.00	150	Vertical	N/A
5	7450.800	48.90	-3.91	68.2	-19.30	Peak	327.00	150	Vertical	Pass
5**	7450.800	40.94	-3.91	54.0	-13.06	AV	327.00	150	Vertical	Pass
6	11724.200	53.07	0.84	68.2	-15.13	Peak	22.00	150	Vertical	Pass
6**	11724.200	43.62	0.84	54.0	-10.38	AV	22.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.200	47.35	-18.04	68.2	-20.85	Peak	180.00	150	Horizontal	Pass
1**	1163.200	38.07	-18.04	54.0	-15.93	AV	180.00	150	Horizontal	Pass
2	2840.900	47.03	-10.24	68.2	-21.17	Peak	20.00	150	Horizontal	Pass
2**	2840.900	35.76	-10.24	54.0	-18.24	AV	20.00	150	Horizontal	Pass
3	4997.200	53.72	-2.90	68.2	-14.48	Peak	58.00	150	Horizontal	Pass
3**	4997.200	43.67	-2.90	54.0	-10.33	AV	58.00	150	Horizontal	Pass
4	5504.800	106.24	-2.29	--	--	Peak	314.00	150	Horizontal	N/A
4**	5504.800	97.37	-2.29	--	--	AV	314.00	150	Horizontal	N/A
5	7349.887	49.36	-3.87	68.2	-18.84	Peak	215.00	150	Horizontal	Pass
5**	7349.887	41.26	-3.87	54.0	-12.74	AV	215.00	150	Horizontal	Pass
6	12250.037	53.33	0.95	68.2	-14.87	Peak	161.00	150	Horizontal	Pass
6**	12250.037	43.32	0.95	54.0	-10.68	AV	161.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.500	46.56	-18.02	68.2	-21.64	Peak	183.00	150	Vertical	Pass
1**	1149.500	36.93	-18.02	54.0	-17.07	AV	183.00	150	Vertical	Pass
2	2830.800	47.65	-10.37	68.2	-20.55	Peak	226.00	150	Vertical	Pass
2**	2830.800	36.41	-10.37	54.0	-17.59	AV	226.00	150	Vertical	Pass
3	4987.400	52.78	-2.92	68.2	-15.42	Peak	21.00	150	Vertical	Pass
3**	4987.400	42.97	-2.92	54.0	-11.03	AV	21.00	150	Vertical	Pass
4	5512.200	106.03	-2.57	--	--	Peak	352.00	150	Vertical	N/A
4**	5512.200	97.90	-2.57	--	--	AV	352.00	150	Vertical	N/A
5	7462.875	49.61	-3.60	68.2	-18.59	Peak	201.00	150	Vertical	Pass
5**	7462.875	41.34	-3.60	54.0	-12.66	AV	201.00	150	Vertical	Pass
6	11641.113	52.97	-0.23	68.2	-15.23	Peak	326.00	150	Vertical	Pass
6**	11641.113	44.53	-0.23	54.0	-9.47	AV	326.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.500	46.81	-18.07	68.2	-21.39	Peak	188.00	150	Horizontal	Pass
1**	1155.500	38.44	-18.07	54.0	-15.56	AV	188.00	150	Horizontal	Pass
2	2775.800	45.76	-10.47	68.2	-22.44	Peak	330.00	150	Horizontal	Pass
2**	2775.800	36.15	-10.47	54.0	-17.85	AV	330.00	150	Horizontal	Pass
3	4998.000	53.27	-2.89	68.2	-14.93	Peak	8.00	150	Horizontal	Pass
3**	4998.000	43.78	-2.89	54.0	-10.22	AV	8.00	150	Horizontal	Pass
4	5587.800	105.85	-2.30	--	--	Peak	208.00	150	Horizontal	N/A
4**	5587.800	98.88	-2.30	--	--	AV	208.00	150	Horizontal	N/A
5	7509.162	49.50	-3.63	68.2	-18.70	Peak	201.00	150	Horizontal	Pass
5**	7509.162	39.86	-3.63	54.0	-14.14	AV	201.00	150	Horizontal	Pass
6	12237.674	54.33	1.11	68.2	-13.87	Peak	129.00	150	Horizontal	Pass
6**	12237.674	44.96	1.11	54.0	-9.04	AV	129.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.200	47.30	-18.07	68.2	-20.90	Peak	182.00	150	Vertical	Pass
1**	1155.200	37.00	-18.07	54.0	-17.00	AV	182.00	150	Vertical	Pass
2	2827.100	45.19	-10.28	68.2	-23.01	Peak	248.00	150	Vertical	Pass
2**	2827.100	35.59	-10.28	54.0	-18.41	AV	248.00	150	Vertical	Pass
3	4978.600	53.47	-3.02	68.2	-14.73	Peak	256.00	150	Vertical	Pass
3**	4978.600	43.75	-3.02	54.0	-10.25	AV	256.00	150	Vertical	Pass
4	5579.600	106.05	-2.20	--	--	Peak	360.00	150	Vertical	N/A
4**	5579.600	98.39	-2.20	--	--	AV	360.00	150	Vertical	N/A
5	7631.638	49.81	-3.39	68.2	-18.39	Peak	236.00	150	Vertical	Pass
5**	7631.638	39.71	-3.39	54.0	-14.29	AV	236.00	150	Vertical	Pass
6	12267.288	53.12	1.36	68.2	-15.08	Peak	118.00	150	Vertical	Pass
6**	12267.288	44.53	1.36	54.0	-9.47	AV	118.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.200	47.03	-18.15	68.2	-21.17	Peak	185.00	150	Horizontal	Pass
1**	1166.200	37.75	-18.15	54.0	-16.25	AV	185.00	150	Horizontal	Pass
2	2809.800	45.69	-10.26	68.2	-22.51	Peak	331.00	150	Horizontal	Pass
2**	2809.800	36.16	-10.26	54.0	-17.84	AV	331.00	150	Horizontal	Pass
3	4934.400	53.57	-2.88	68.2	-14.63	Peak	85.00	150	Horizontal	Pass
3**	4934.400	43.40	-2.88	54.0	-10.60	AV	85.00	150	Horizontal	Pass
4	5672.600	105.28	-2.34	--	--	Peak	330.00	150	Horizontal	N/A
4**	5672.600	97.68	-2.34	--	--	AV	330.00	150	Horizontal	N/A
5	7469.775	49.63	-3.88	68.2	-18.57	Peak	201.00	150	Horizontal	Pass
5**	7469.775	40.93	-3.88	54.0	-13.07	AV	201.00	150	Horizontal	Pass
6	12243.713	53.59	1.03	68.2	-14.61	Peak	147.00	150	Horizontal	Pass
6**	12243.713	44.48	1.03	54.0	-9.52	AV	147.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.700	46.45	-18.43	68.2	-21.75	Peak	195.00	150	Vertical	Pass
1**	1062.700	38.07	-18.43	54.0	-15.93	AV	195.00	150	Vertical	Pass
2	2725.200	46.50	-11.11	68.2	-21.70	Peak	278.00	150	Vertical	Pass
2**	2725.200	37.58	-11.11	54.0	-16.42	AV	278.00	150	Vertical	Pass
3	4998.800	52.72	-2.92	68.2	-15.48	Peak	264.00	150	Vertical	Pass
3**	4998.800	44.04	-2.92	54.0	-9.96	AV	264.00	150	Vertical	Pass
4	5675.600	105.55	-2.27	--	--	Peak	264.00	150	Vertical	N/A
4**	5675.600	97.76	-2.27	--	--	AV	264.00	150	Vertical	N/A
5	7467.763	49.29	-3.85	68.2	-18.91	Peak	290.00	150	Vertical	Pass
5**	7467.763	40.39	-3.85	54.0	-13.61	AV	290.00	150	Vertical	Pass
6	12001.063	53.81	1.28	68.2	-14.39	Peak	57.00	150	Vertical	Pass
6**	12001.063	43.97	1.28	54.0	-10.03	AV	57.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.700	47.90	-17.98	68.2	-20.30	Peak	188.00	150	Horizontal	Pass
1**	1152.700	37.40	-17.98	54.0	-16.60	AV	188.00	150	Horizontal	Pass
2	2769.100	46.01	-10.63	68.2	-22.19	Peak	17.00	150	Horizontal	Pass
2**	2769.100	36.85	-10.63	54.0	-17.15	AV	17.00	150	Horizontal	Pass
3	4980.600	53.74	-3.01	68.2	-14.46	Peak	58.00	150	Horizontal	Pass
3**	4980.600	44.69	-3.01	54.0	-9.31	AV	58.00	150	Horizontal	Pass
4	5496.800	108.44	-2.10	--	--	Peak	210.00	150	Horizontal	N/A
4**	5496.800	100.49	-2.10	--	--	AV	210.00	150	Horizontal	N/A
5	7340.400	49.68	-3.55	68.2	-18.52	Peak	58.00	150	Horizontal	Pass
5**	7340.400	40.62	-3.55	54.0	-13.38	AV	58.00	150	Horizontal	Pass
6	12228.475	53.78	1.31	68.2	-14.42	Peak	304.00	150	Horizontal	Pass
6**	12228.475	43.59	1.31	54.0	-10.41	AV	304.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1038.100	46.66	-18.18	68.2	-21.54	Peak	57.00	150	Vertical	Pass
1**	1038.100	38.06	-18.18	54.0	-15.94	AV	57.00	150	Vertical	Pass
2	2828.400	46.05	-10.35	68.2	-22.15	Peak	242.00	150	Vertical	Pass
2**	2828.400	36.00	-10.35	54.0	-18.00	AV	242.00	150	Vertical	Pass
3	4978.400	53.92	-3.03	68.2	-14.28	Peak	263.00	150	Vertical	Pass
3**	4978.400	43.83	-3.03	54.0	-10.17	AV	263.00	150	Vertical	Pass
4	5505.600	108.54	-2.33	--	--	Peak	352.00	150	Vertical	N/A
4**	5505.600	100.57	-2.33	--	--	AV	352.00	150	Vertical	N/A
5	7356.788	49.59	-4.15	68.2	-18.61	Peak	4.00	150	Vertical	Pass
5**	7356.788	40.01	-4.15	54.0	-13.99	AV	4.00	150	Vertical	Pass
6	11727.651	53.44	0.86	68.2	-14.76	Peak	219.00	150	Vertical	Pass
6**	11727.651	43.98	0.86	54.0	-10.02	AV	219.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.100	47.90	-18.08	68.2	-20.30	Peak	180.00	150	Horizontal	Pass
1**	1156.100	38.33	-18.08	54.0	-15.67	AV	180.00	150	Horizontal	Pass
2	2751.500	46.16	-10.82	68.2	-22.04	Peak	323.00	150	Horizontal	Pass
2**	2751.500	36.76	-10.82	54.0	-17.24	AV	323.00	150	Horizontal	Pass
3	4997.400	54.32	-2.90	68.2	-13.88	Peak	61.00	150	Horizontal	Pass
3**	4997.400	43.45	-2.90	54.0	-10.55	AV	61.00	150	Horizontal	Pass
4	5581.600	108.28	-2.29	--	--	Peak	216.00	150	Horizontal	N/A
4**	5581.600	100.52	-2.29	--	--	AV	216.00	150	Horizontal	N/A
5	7448.500	49.16	-3.97	68.2	-19.04	Peak	127.00	150	Horizontal	Pass
5**	7448.500	39.79	-3.97	54.0	-14.21	AV	127.00	150	Horizontal	Pass
6	12099.100	53.34	0.55	68.2	-14.86	Peak	146.00	150	Horizontal	Pass
6**	12099.100	43.08	0.55	54.0	-10.92	AV	146.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.900	46.30	-18.55	68.2	-21.90	Peak	67.00	150	Vertical	Pass
1**	1055.900	36.52	-18.55	54.0	-17.48	AV	67.00	150	Vertical	Pass
2	2716.000	46.07	-11.17	68.2	-22.13	Peak	215.00	150	Vertical	Pass
2**	2716.000	36.08	-11.17	54.0	-17.92	AV	215.00	150	Vertical	Pass
3	4986.800	53.65	-2.91	68.2	-14.55	Peak	253.00	150	Vertical	Pass
3**	4986.800	43.25	-2.91	54.0	-10.75	AV	253.00	150	Vertical	Pass
4	5582.400	108.21	-2.33	--	--	Peak	75.00	150	Vertical	N/A
4**	5582.400	100.34	-2.33	--	--	AV	75.00	150	Vertical	N/A
5	7548.837	49.78	-2.54	68.2	-18.42	Peak	30.00	150	Vertical	Pass
5**	7548.837	39.43	-2.54	54.0	-14.57	AV	30.00	150	Vertical	Pass
6	11671.012	52.94	0.24	68.2	-15.26	Peak	85.00	150	Vertical	Pass
6**	11671.012	43.78	0.24	54.0	-10.22	AV	85.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.800	46.70	-18.06	68.2	-21.50	Peak	181.00	150	Horizontal	Pass
1**	1154.800	38.47	-18.06	54.0	-15.53	AV	181.00	150	Horizontal	Pass
2	2788.400	45.75	-10.57	68.2	-22.45	Peak	17.00	150	Horizontal	Pass
2**	2788.400	36.11	-10.57	54.0	-17.89	AV	17.00	150	Horizontal	Pass
3	4833.800	52.36	-3.50	68.2	-15.84	Peak	184.00	150	Horizontal	Pass
3**	4833.800	43.27	-3.50	54.0	-10.73	AV	184.00	150	Horizontal	Pass
4	5702.600	108.08	-2.17	--	--	Peak	332.00	150	Horizontal	N/A
4**	5702.600	99.82	-2.17	--	--	AV	332.00	150	Horizontal	N/A
5	7361.962	49.84	-4.01	68.2	-18.36	Peak	103.00	150	Horizontal	Pass
5**	7361.962	40.42	-4.01	54.0	-13.58	AV	103.00	150	Horizontal	Pass
6	12220.425	53.45	1.23	68.2	-14.75	Peak	141.00	150	Horizontal	Pass
6**	12220.425	44.33	1.23	54.0	-9.67	AV	141.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.600	46.57	-18.43	68.2	-21.63	Peak	70.00	150	Vertical	Pass
1**	1062.600	37.89	-18.43	54.0	-16.11	AV	70.00	150	Vertical	Pass
2	2823.300	46.54	-10.29	68.2	-21.66	Peak	233.00	150	Vertical	Pass
2**	2823.300	36.63	-10.29	54.0	-17.37	AV	233.00	150	Vertical	Pass
3	4979.200	54.04	-3.02	68.2	-14.16	Peak	0.00	150	Vertical	Pass
3**	4979.200	44.57	-3.02	54.0	-9.43	AV	0.00	150	Vertical	Pass
4	5701.000	107.85	-2.09	--	--	Peak	332.00	150	Vertical	N/A
4**	5701.000	100.22	-2.09	--	--	AV	332.00	150	Vertical	N/A
5	7600.300	49.58	-3.69	68.2	-18.62	Peak	0.00	150	Vertical	Pass
5**	7600.300	43.88	-3.69	54.0	-10.12	AV	0.00	150	Vertical	Pass
6	12281.662	53.71	1.79	68.2	-14.49	Peak	0.00	150	Vertical	Pass
6**	12281.662	44.05	1.79	54.0	-9.95	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.000	46.85	-18.04	68.2	-21.35	Peak	186.00	150	Horizontal	Pass
1**	1154.000	37.90	-18.04	54.0	-16.10	AV	186.00	150	Horizontal	Pass
2	2710.800	47.14	-11.26	68.2	-21.06	Peak	26.00	150	Horizontal	Pass
2**	2710.800	36.63	-11.26	54.0	-17.37	AV	26.00	150	Horizontal	Pass
3	4983.600	53.49	-2.90	68.2	-14.71	Peak	64.00	150	Horizontal	Pass
3**	4983.600	43.55	-2.90	54.0	-10.45	AV	64.00	150	Horizontal	Pass
4	5506.600	105.66	-2.38	--	--	Peak	211.00	150	Horizontal	N/A
4**	5506.600	99.10	-2.38	--	--	AV	211.00	150	Horizontal	N/A
5	7375.763	49.64	-3.74	68.2	-18.56	Peak	0.00	150	Horizontal	Pass
5**	7375.763	39.93	-3.74	54.0	-14.07	AV	0.00	150	Horizontal	Pass
6	12222.437	53.31	1.26	68.2	-14.89	Peak	345.00	150	Horizontal	Pass
6**	12222.437	44.56	1.26	54.0	-9.44	AV	345.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1049.800	46.20	-18.42	68.2	-22.00	Peak	67.00	150	Vertical	Pass
1**	1049.800	37.79	-18.42	54.0	-16.21	AV	67.00	150	Vertical	Pass
2	2827.100	47.70	-10.28	68.2	-20.50	Peak	81.00	150	Vertical	Pass
2**	2827.100	36.24	-10.28	54.0	-17.76	AV	81.00	150	Vertical	Pass
3	4998.200	52.81	-2.90	68.2	-15.39	Peak	11.00	150	Vertical	Pass
3**	4998.200	45.42	-2.90	54.0	-8.58	AV	11.00	150	Vertical	Pass
4	5512.400	106.16	-2.57	--	--	Peak	360.00	150	Vertical	N/A
4**	5512.400	99.04	-2.57	--	--	AV	360.00	150	Vertical	N/A
5	7545.962	49.79	-2.35	68.2	-18.41	Peak	344.00	150	Vertical	Pass
5**	7545.962	39.54	-2.35	54.0	-14.46	AV	344.00	150	Vertical	Pass
6	11941.550	53.49	1.64	68.2	-14.71	Peak	52.00	150	Vertical	Pass
6**	11941.550	44.70	1.64	54.0	-9.30	AV	52.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.600	46.98	-18.16	68.2	-21.22	Peak	191.00	150	Horizontal	Pass
1**	1167.600	36.76	-18.16	54.0	-17.24	AV	191.00	150	Horizontal	Pass
2	2781.300	45.74	-10.40	68.2	-22.46	Peak	26.00	150	Horizontal	Pass
2**	2781.300	37.08	-10.40	54.0	-16.92	AV	26.00	150	Horizontal	Pass
3	4978.200	52.81	-3.03	68.2	-15.39	Peak	61.00	150	Horizontal	Pass
3**	4978.200	43.67	-3.03	54.0	-10.33	AV	61.00	150	Horizontal	Pass
4	5586.400	106.20	-2.29	--	--	Peak	324.00	150	Horizontal	N/A
4**	5586.400	97.98	-2.29	--	--	AV	324.00	150	Horizontal	N/A
5	7348.163	49.27	-3.85	68.2	-18.93	Peak	209.00	150	Horizontal	Pass
5**	7348.163	40.49	-3.85	54.0	-13.51	AV	209.00	150	Horizontal	Pass
6	12267.000	53.83	1.35	68.2	-14.37	Peak	113.00	150	Horizontal	Pass
6**	12267.000	44.82	1.35	54.0	-9.18	AV	113.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.100	47.78	-18.46	68.2	-20.42	Peak	64.00	150	Vertical	Pass
1**	1054.100	37.50	-18.46	54.0	-16.50	AV	64.00	150	Vertical	Pass
2	2824.900	46.01	-10.31	68.2	-22.19	Peak	44.00	150	Vertical	Pass
2**	2824.900	36.67	-10.31	54.0	-17.33	AV	44.00	150	Vertical	Pass
3	5001.000	52.78	-2.95	68.2	-15.42	Peak	255.00	150	Vertical	Pass
3**	5001.000	43.64	-2.95	54.0	-10.36	AV	255.00	150	Vertical	Pass
4	5578.800	106.76	-2.16	--	--	Peak	348.00	150	Vertical	N/A
4**	5578.800	98.92	-2.16	--	--	AV	348.00	150	Vertical	N/A
5	7336.088	49.54	-3.40	68.2	-18.66	Peak	44.00	150	Vertical	Pass
5**	7336.088	41.21	-3.40	54.0	-12.79	AV	44.00	150	Vertical	Pass
6	11553.138	53.50	-0.43	68.2	-14.70	Peak	7.00	150	Vertical	Pass
6**	11553.138	43.23	-0.43	54.0	-10.77	AV	7.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1173.800	46.85	-18.03	68.2	-21.35	Peak	250.00	150	Horizontal	Pass
1**	1173.800	36.36	-18.03	54.0	-17.64	AV	250.00	150	Horizontal	Pass
2	2769.300	46.35	-10.61	68.2	-21.85	Peak	36.00	150	Horizontal	Pass
2**	2769.300	37.03	-10.61	54.0	-16.97	AV	36.00	150	Horizontal	Pass
3	4992.400	53.69	-2.94	68.2	-14.51	Peak	76.00	150	Horizontal	Pass
3**	4992.400	44.24	-2.94	54.0	-9.76	AV	76.00	150	Horizontal	Pass
4	5665.600	105.25	-2.41	--	--	Peak	316.00	150	Horizontal	N/A
4**	5665.600	97.56	-2.41	--	--	AV	316.00	150	Horizontal	N/A
5	11478.963	52.11	-0.04	68.2	-16.09	Peak	220.00	150	Horizontal	Pass
5**	11478.963	44.28	-0.04	54.0	-9.72	AV	220.00	150	Horizontal	Pass
6	15614.401	55.49	1.46	68.2	-12.71	Peak	241.00	150	Horizontal	Pass
6**	15614.401	46.05	1.46	54.0	-7.95	AV	241.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1141.500	46.34	-18.30	68.2	-21.86	Peak	187.00	150	Vertical	Pass
1**	1141.500	37.63	-18.30	54.0	-16.37	AV	187.00	150	Vertical	Pass
2	2772.000	45.70	-10.49	68.2	-22.50	Peak	251.00	150	Vertical	Pass
2**	2772.000	36.42	-10.49	54.0	-17.58	AV	251.00	150	Vertical	Pass
3	4857.200	52.20	-3.27	68.2	-16.00	Peak	45.00	150	Vertical	Pass
3**	4857.200	42.87	-3.27	54.0	-11.13	AV	45.00	150	Vertical	Pass
4	5660.000	105.74	-2.40	--	--	Peak	270.00	150	Vertical	N/A
4**	5660.000	98.00	-2.40	--	--	AV	270.00	150	Vertical	N/A
5	11944.424	52.91	1.56	68.2	-15.29	Peak	0.00	150	Vertical	Pass
5**	11944.424	44.48	1.56	54.0	-9.52	AV	0.00	150	Vertical	Pass
6	15835.950	56.14	1.45	68.2	-12.06	Peak	0.00	150	Vertical	Pass
6**	15835.950	46.81	1.45	54.0	-7.19	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.200	46.45	-18.08	68.2	-21.75	Peak	176.00	150	Horizontal	Pass
1**	1156.200	37.79	-18.08	54.0	-16.21	AV	176.00	150	Horizontal	Pass
2	2775.000	46.40	-10.48	68.2	-21.80	Peak	331.00	150	Horizontal	Pass
2**	2775.000	36.26	-10.48	54.0	-17.74	AV	331.00	150	Horizontal	Pass
3	4978.600	52.49	-3.02	68.2	-15.71	Peak	109.00	150	Horizontal	Pass
3**	4978.600	44.89	-3.02	54.0	-9.11	AV	109.00	150	Horizontal	Pass
4	5526.400	102.15	-2.39	--	--	Peak	210.00	150	Horizontal	N/A
4**	5526.400	94.48	-2.39	--	--	AV	210.00	150	Horizontal	N/A
5	11932.925	53.49	1.64	68.2	-14.71	Peak	203.00	150	Horizontal	Pass
5**	11932.925	43.34	1.64	54.0	-10.66	AV	203.00	150	Horizontal	Pass
6	15503.362	56.31	1.24	68.2	-11.89	Peak	183.00	150	Horizontal	Pass
6**	15503.362	46.97	1.24	54.0	-7.03	AV	183.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.400	47.46	-18.29	68.2	-20.74	Peak	260.00	150	Vertical	Pass
1**	1039.400	37.21	-18.29	54.0	-16.79	AV	260.00	150	Vertical	Pass
2	2831.200	44.99	-10.36	68.2	-23.21	Peak	48.00	150	Vertical	Pass
2**	2831.200	35.95	-10.36	54.0	-18.05	AV	48.00	150	Vertical	Pass
3	4978.600	52.99	-3.02	68.2	-15.21	Peak	248.00	150	Vertical	Pass
3**	4978.600	44.24	-3.02	54.0	-9.76	AV	248.00	150	Vertical	Pass
4	5536.400	103.03	-2.17	--	--	Peak	349.00	150	Vertical	N/A
4**	5536.400	96.17	-2.17	--	--	AV	349.00	150	Vertical	N/A
5	11643.125	52.73	-0.22	68.2	-15.47	Peak	218.00	150	Vertical	Pass
5**	11643.125	44.28	-0.22	54.0	-9.72	AV	218.00	150	Vertical	Pass
6	15821.776	56.22	1.79	68.2	-11.98	Peak	223.00	150	Vertical	Pass
6**	15821.776	46.48	1.79	54.0	-7.52	AV	223.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.600	46.78	-18.14	68.2	-21.42	Peak	202.00	150	Horizontal	Pass
1**	1158.600	38.52	-18.14	54.0	-15.48	AV	202.00	150	Horizontal	Pass
2	2776.200	45.64	-10.46	68.2	-22.56	Peak	330.00	150	Horizontal	Pass
2**	2776.200	36.42	-10.46	54.0	-17.58	AV	330.00	150	Horizontal	Pass
3	4979.200	53.38	-3.02	68.2	-14.82	Peak	58.00	150	Horizontal	Pass
3**	4979.200	43.28	-3.02	54.0	-10.72	AV	58.00	150	Horizontal	Pass
4	5603.400	101.76	-2.62	--	--	Peak	318.00	150	Horizontal	N/A
4**	5603.400	94.33	-2.62	--	--	AV	318.00	150	Horizontal	N/A
5	11620.700	52.45	-0.04	68.2	-15.75	Peak	77.00	150	Horizontal	Pass
5**	11620.700	43.54	-0.04	54.0	-10.46	AV	77.00	150	Horizontal	Pass
6	15751.425	55.79	0.96	68.2	-12.41	Peak	241.00	150	Horizontal	Pass
6**	15751.425	46.44	0.96	54.0	-7.56	AV	241.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.800	46.02	-18.14	68.2	-22.18	Peak	194.00	150	Vertical	Pass
1**	1165.800	37.25	-18.14	54.0	-16.75	AV	194.00	150	Vertical	Pass
2	2782.100	45.18	-10.41	68.2	-23.02	Peak	243.00	150	Vertical	Pass
2**	2782.100	35.85	-10.41	54.0	-18.15	AV	243.00	150	Vertical	Pass
3	4813.800	51.36	-3.07	68.2	-16.84	Peak	360.00	150	Vertical	Pass
3**	4813.800	43.30	-3.07	54.0	-10.70	AV	360.00	150	Vertical	Pass
4	5616.800	102.60	-2.63	--	--	Peak	274.00	150	Vertical	N/A
4**	5616.800	94.93	-2.63	--	--	AV	274.00	150	Vertical	N/A
5	11660.951	52.64	0.13	68.2	-15.56	Peak	56.00	150	Vertical	Pass
5**	11660.951	43.61	0.13	54.0	-10.39	AV	56.00	150	Vertical	Pass
6	15839.100	56.19	1.45	68.2	-12.01	Peak	183.00	150	Vertical	Pass
6**	15839.100	47.82	1.45	54.0	-6.18	AV	183.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.500	47.94	-18.02	68.2	-20.26	Peak	177.00	150	Horizontal	Pass
1**	1153.500	38.50	-18.02	54.0	-15.50	AV	177.00	150	Horizontal	Pass
2	2751.500	45.85	-10.82	68.2	-22.35	Peak	324.00	150	Horizontal	Pass
2**	2751.500	36.52	-10.82	54.0	-17.48	AV	324.00	150	Horizontal	Pass
3	4980.200	53.15	-3.01	68.2	-15.05	Peak	71.00	150	Horizontal	Pass
3**	4980.200	44.64	-3.01	54.0	-9.36	AV	71.00	150	Horizontal	Pass
4	5747.400	108.99	-2.28	--	--	Peak	209.00	150	Horizontal	N/A
4**	5747.400	100.68	-2.28	--	--	AV	209.00	150	Horizontal	N/A
5	12220.137	53.02	1.23	68.2	-15.18	Peak	345.00	150	Horizontal	Pass
5**	12220.137	44.35	1.23	54.0	-9.65	AV	345.00	150	Horizontal	Pass
6	15840.151	56.06	1.44	68.2	-12.14	Peak	37.00	150	Horizontal	Pass
6**	15840.151	46.93	1.44	54.0	-7.07	AV	37.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1151.200	46.44	-17.96	68.2	-21.76	Peak	181.00	150	Vertical	Pass
1**	1151.200	36.94	-17.96	54.0	-17.06	AV	181.00	150	Vertical	Pass
2	2823.800	45.79	-10.31	68.2	-22.41	Peak	238.00	150	Vertical	Pass
2**	2823.800	36.64	-10.31	54.0	-17.36	AV	238.00	150	Vertical	Pass
3	4978.400	52.76	-3.03	68.2	-15.44	Peak	221.00	150	Vertical	Pass
3**	4978.400	44.49	-3.03	54.0	-9.51	AV	221.00	150	Vertical	Pass
4	5749.600	108.40	-2.16	--	--	Peak	283.00	150	Vertical	N/A
4**	5749.600	100.84	-2.16	--	--	AV	283.00	150	Vertical	N/A
5	12222.151	53.24	1.26	68.2	-14.96	Peak	181.00	150	Vertical	Pass
5**	12222.151	44.29	1.26	54.0	-9.71	AV	181.00	150	Vertical	Pass
6	15855.638	55.47	1.16	68.2	-12.73	Peak	140.00	150	Vertical	Pass
6**	15855.638	47.53	1.16	54.0	-6.47	AV	140.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.100	46.84	-18.08	68.2	-21.36	Peak	182.00	150	Horizontal	Pass
1**	1156.100	39.49	-18.08	54.0	-14.51	AV	182.00	150	Horizontal	Pass
2	2767.000	45.62	-10.76	68.2	-22.58	Peak	347.00	150	Horizontal	Pass
2**	2767.000	36.70	-10.76	54.0	-17.30	AV	347.00	150	Horizontal	Pass
3	4911.600	51.81	-2.39	68.2	-16.39	Peak	0.00	150	Horizontal	Pass
3**	4911.600	43.34	-2.39	54.0	-10.66	AV	0.00	150	Horizontal	Pass
4	5783.800	108.42	-2.28	--	--	Peak	188.00	150	Horizontal	N/A
4**	5783.800	100.66	-2.28	--	--	AV	188.00	150	Horizontal	N/A
5	12211.225	53.59	1.06	68.2	-14.61	Peak	238.00	150	Horizontal	Pass
5**	12211.225	43.75	1.06	54.0	-10.25	AV	238.00	150	Horizontal	Pass
6	15833.588	55.89	1.46	68.2	-12.31	Peak	306.00	150	Horizontal	Pass
6**	15833.588	46.69	1.46	54.0	-7.31	AV	306.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.800	46.16	-18.10	68.2	-22.04	Peak	184.00	150	Vertical	Pass
1**	1156.800	36.67	-18.10	54.0	-17.33	AV	184.00	150	Vertical	Pass
2	2823.700	45.84	-10.30	68.2	-22.36	Peak	249.00	150	Vertical	Pass
2**	2823.700	35.91	-10.30	54.0	-18.09	AV	249.00	150	Vertical	Pass
3	4979.200	52.98	-3.02	68.2	-15.22	Peak	212.00	150	Vertical	Pass
3**	4979.200	44.14	-3.02	54.0	-9.86	AV	212.00	150	Vertical	Pass
4	5785.000	108.64	-2.37	--	--	Peak	275.00	150	Vertical	N/A
4**	5785.000	100.76	-2.37	--	--	AV	275.00	150	Vertical	N/A
5	11673.312	52.69	0.25	68.2	-15.51	Peak	254.00	150	Vertical	Pass
5**	11673.312	43.36	0.25	54.0	-10.64	AV	254.00	150	Vertical	Pass
6	15847.763	56.27	1.35	68.2	-11.93	Peak	57.00	150	Vertical	Pass
6**	15847.763	46.94	1.35	54.0	-7.06	AV	57.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1140.000	46.57	-18.31	68.2	-21.63	Peak	180.00	150	Horizontal	Pass
1**	1140.000	37.42	-18.31	54.0	-16.58	AV	180.00	150	Horizontal	Pass
2	2767.000	46.48	-10.76	68.2	-21.72	Peak	339.00	150	Horizontal	Pass
2**	2767.000	37.00	-10.76	54.0	-17.00	AV	339.00	150	Horizontal	Pass
3	4996.600	53.43	-2.91	68.2	-14.77	Peak	58.00	150	Horizontal	Pass
3**	4996.600	42.74	-2.91	54.0	-11.26	AV	58.00	150	Horizontal	Pass
4	5826.200	108.59	-2.36	--	--	Peak	209.00	150	Horizontal	N/A
4**	5826.200	100.74	-2.36	--	--	AV	209.00	150	Horizontal	N/A
5	11593.962	52.26	-0.17	68.2	-15.94	Peak	216.00	150	Horizontal	Pass
5**	11593.962	43.72	-0.17	54.0	-10.28	AV	216.00	150	Horizontal	Pass
6	15857.475	56.13	1.06	68.2	-12.07	Peak	201.00	150	Horizontal	Pass
6**	15857.475	47.31	1.06	54.0	-6.69	AV	201.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1041.800	48.16	-18.32	68.2	-20.04	Peak	73.00	150	Vertical	Pass
1**	1041.800	36.90	-18.32	54.0	-17.10	AV	73.00	150	Vertical	Pass
2	2830.400	45.11	-10.37	68.2	-23.09	Peak	57.00	150	Vertical	Pass
2**	2830.400	35.58	-10.37	54.0	-18.42	AV	57.00	150	Vertical	Pass
3	4991.600	52.82	-2.92	68.2	-15.38	Peak	252.00	150	Vertical	Pass
3**	4991.600	42.79	-2.92	54.0	-11.21	AV	252.00	150	Vertical	Pass
4	5822.800	109.84	-2.41	--	--	Peak	264.00	150	Vertical	N/A
4**	5822.800	102.19	-2.41	--	--	AV	264.00	150	Vertical	N/A
5	11932.925	53.45	1.64	68.2	-14.75	Peak	0.00	150	Vertical	Pass
5**	11932.925	43.66	1.64	54.0	-10.34	AV	0.00	150	Vertical	Pass
6	15830.175	56.40	1.49	68.2	-11.80	Peak	84.00	150	Vertical	Pass
6**	15830.175	46.32	1.49	54.0	-7.68	AV	84.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.100	47.42	-18.18	68.2	-20.78	Peak	186.00	150	Horizontal	Pass
1**	1167.100	36.43	-18.18	54.0	-17.57	AV	186.00	150	Horizontal	Pass
2	2772.900	45.41	-10.48	68.2	-22.79	Peak	323.00	150	Horizontal	Pass
2**	2772.900	36.46	-10.48	54.0	-17.54	AV	323.00	150	Horizontal	Pass
3	4979.800	53.62	-3.02	68.2	-14.58	Peak	61.00	150	Horizontal	Pass
3**	4979.800	44.99	-3.02	54.0	-9.01	AV	61.00	150	Horizontal	Pass
4	5743.400	108.69	-2.28	--	--	Peak	340.00	150	Horizontal	N/A
4**	5743.400	101.82	-2.28	--	--	AV	340.00	150	Horizontal	N/A
5	11652.901	52.64	-0.08	68.2	-15.56	Peak	236.00	150	Horizontal	Pass
5**	11652.901	43.44	-0.08	54.0	-10.56	AV	236.00	150	Horizontal	Pass
6	15834.112	55.84	1.46	68.2	-12.36	Peak	205.00	150	Horizontal	Pass
6**	15834.112	47.17	1.46	54.0	-6.83	AV	205.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.100	46.46	-18.38	68.2	-21.74	Peak	195.00	150	Vertical	Pass
1**	1065.100	37.17	-18.38	54.0	-16.83	AV	195.00	150	Vertical	Pass
2	2818.600	46.08	-10.22	68.2	-22.12	Peak	95.00	150	Vertical	Pass
2**	2818.600	35.21	-10.22	54.0	-18.79	AV	95.00	150	Vertical	Pass
3	4980.400	53.49	-3.01	68.2	-14.71	Peak	190.00	150	Vertical	Pass
3**	4980.400	43.47	-3.01	54.0	-10.53	AV	190.00	150	Vertical	Pass
4	5742.600	107.56	-2.26	--	--	Peak	333.00	150	Vertical	N/A
4**	5742.600	99.88	-2.26	--	--	AV	333.00	150	Vertical	N/A
5	11449.349	52.16	-0.04	68.2	-16.04	Peak	327.00	150	Vertical	Pass
5**	11449.349	42.00	-0.04	54.0	-12.00	AV	327.00	150	Vertical	Pass
6	15840.938	55.82	1.43	68.2	-12.38	Peak	305.00	150	Vertical	Pass
6**	15840.938	46.84	1.43	54.0	-7.16	AV	305.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.800	46.53	-18.03	68.2	-21.67	Peak	173.00	150	Horizontal	Pass
1**	1160.800	37.25	-18.03	54.0	-16.75	AV	173.00	150	Horizontal	Pass
2	2773.000	46.08	-10.48	68.2	-22.12	Peak	17.00	150	Horizontal	Pass
2**	2773.000	36.60	-10.48	54.0	-17.40	AV	17.00	150	Horizontal	Pass
3	4981.400	53.39	-2.99	68.2	-14.81	Peak	73.00	150	Horizontal	Pass
3**	4981.400	43.28	-2.99	54.0	-10.72	AV	73.00	150	Horizontal	Pass
4	5787.400	108.19	-2.46	--	--	Peak	317.00	150	Horizontal	N/A
4**	5787.400	100.40	-2.46	--	--	AV	317.00	150	Horizontal	N/A
5	11717.588	52.64	0.77	68.2	-15.56	Peak	110.00	150	Horizontal	Pass
5**	11717.588	43.19	0.77	54.0	-10.81	AV	110.00	150	Horizontal	Pass
6	15850.651	55.65	1.31	68.2	-12.55	Peak	223.00	150	Horizontal	Pass
6**	15850.651	47.52	1.31	54.0	-6.48	AV	223.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.200	46.53	-18.51	68.2	-21.67	Peak	254.00	150	Vertical	Pass
1**	1055.200	37.05	-18.51	54.0	-16.95	AV	254.00	150	Vertical	Pass
2	2779.000	45.28	-10.43	68.2	-22.92	Peak	262.00	150	Vertical	Pass
2**	2779.000	37.52	-10.43	54.0	-16.48	AV	262.00	150	Vertical	Pass
3	4982.600	52.98	-2.93	68.2	-15.22	Peak	264.00	150	Vertical	Pass
3**	4982.600	45.30	-2.93	54.0	-8.70	AV	264.00	150	Vertical	Pass
4	5784.000	109.65	-2.30	--	--	Peak	289.00	150	Vertical	N/A
4**	5784.000	101.90	-2.30	--	--	AV	289.00	150	Vertical	N/A
5	11605.463	53.20	-0.00	68.2	-15.00	Peak	162.00	150	Vertical	Pass
5**	11605.463	44.17	-0.00	54.0	-9.83	AV	162.00	150	Vertical	Pass
6	15641.175	55.62	1.32	68.2	-12.58	Peak	141.00	150	Vertical	Pass
6**	15641.175	45.91	1.32	54.0	-8.09	AV	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.400	47.04	-18.07	68.2	-21.16	Peak	184.00	150	Horizontal	Pass
1**	1155.400	37.26	-18.07	54.0	-16.74	AV	184.00	150	Horizontal	Pass
2	2771.900	45.94	-10.49	68.2	-22.26	Peak	21.00	150	Horizontal	Pass
2**	2771.900	37.40	-10.49	54.0	-16.60	AV	21.00	150	Horizontal	Pass
3	4979.400	52.60	-3.02	68.2	-15.60	Peak	62.00	150	Horizontal	Pass
3**	4979.400	44.61	-3.02	54.0	-9.39	AV	62.00	150	Horizontal	Pass
4	5826.600	109.14	-2.35	--	--	Peak	216.00	150	Horizontal	N/A
4**	5826.600	100.58	-2.35	--	--	AV	216.00	150	Horizontal	N/A
5	11732.825	53.18	0.84	68.2	-15.02	Peak	273.00	150	Horizontal	Pass
5**	11732.825	42.85	0.84	54.0	-11.15	AV	273.00	150	Horizontal	Pass
6	15849.862	56.17	1.33	68.2	-12.03	Peak	99.00	150	Horizontal	Pass
6**	15849.862	47.58	1.33	54.0	-6.42	AV	99.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.400	46.85	-18.02	68.2	-21.35	Peak	70.00	150	Vertical	Pass
1**	1162.400	36.05	-18.02	54.0	-17.95	AV	70.00	150	Vertical	Pass
2	2827.500	46.84	-10.30	68.2	-21.36	Peak	87.00	150	Vertical	Pass
2**	2827.500	35.43	-10.30	54.0	-18.57	AV	87.00	150	Vertical	Pass
3	4979.000	53.41	-3.02	68.2	-14.79	Peak	9.00	150	Vertical	Pass
3**	4979.000	44.15	-3.02	54.0	-9.85	AV	9.00	150	Vertical	Pass
4	5829.200	108.97	-2.21	--	--	Peak	328.00	150	Vertical	N/A
4**	5829.200	99.98	-2.21	--	--	AV	328.00	150	Vertical	N/A
5	11349.588	53.24	-0.02	68.2	-14.96	Peak	38.00	150	Vertical	Pass
5**	11349.588	42.83	-0.02	54.0	-11.17	AV	38.00	150	Vertical	Pass
6	15841.988	55.86	1.42	68.2	-12.34	Peak	265.00	150	Vertical	Pass
6**	15841.988	47.34	1.42	54.0	-6.66	AV	265.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.900	46.30	-18.13	68.2	-21.90	Peak	192.00	150	Horizontal	Pass
1**	1157.900	37.11	-18.13	54.0	-16.89	AV	192.00	150	Horizontal	Pass
2	2758.800	45.84	-10.95	68.2	-22.36	Peak	44.00	150	Horizontal	Pass
2**	2758.800	36.90	-10.95	54.0	-17.10	AV	44.00	150	Horizontal	Pass
3	4995.400	52.80	-2.93	68.2	-15.40	Peak	60.00	150	Horizontal	Pass
3**	4995.400	42.78	-2.93	54.0	-11.22	AV	60.00	150	Horizontal	Pass
4	5757.400	106.28	-2.01	--	--	Peak	317.00	150	Horizontal	N/A
4**	5757.400	98.90	-2.01	--	--	AV	317.00	150	Horizontal	N/A
5	11662.099	52.62	0.14	68.2	-15.58	Peak	105.00	150	Horizontal	Pass
5**	11662.099	43.10	0.14	54.0	-10.90	AV	105.00	150	Horizontal	Pass
6	15625.162	55.89	1.72	68.2	-12.31	Peak	130.00	150	Horizontal	Pass
6**	15625.162	46.91	1.72	54.0	-7.09	AV	130.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1049.900	46.16	-18.41	68.2	-22.04	Peak	101.00	150	Vertical	Pass
1**	1049.900	38.03	-18.41	54.0	-15.97	AV	101.00	150	Vertical	Pass
2	2826.600	46.48	-10.26	68.2	-21.72	Peak	241.00	150	Vertical	Pass
2**	2826.600	35.21	-10.26	54.0	-18.79	AV	241.00	150	Vertical	Pass
3	4979.400	53.25	-3.02	68.2	-14.95	Peak	255.00	150	Vertical	Pass
3**	4979.400	43.48	-3.02	54.0	-10.52	AV	255.00	150	Vertical	Pass
4	5752.800	106.76	-2.17	--	--	Peak	280.00	150	Vertical	N/A
4**	5752.800	98.91	-2.17	--	--	AV	280.00	150	Vertical	N/A
5	11774.224	52.55	1.28	68.2	-15.65	Peak	309.00	150	Vertical	Pass
5**	11774.224	43.20	1.28	54.0	-10.80	AV	309.00	150	Vertical	Pass
6	15885.038	56.05	0.18	68.2	-12.15	Peak	17.00	150	Vertical	Pass
6**	15885.038	46.02	0.18	54.0	-7.98	AV	17.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.600	47.04	-18.11	68.2	-21.16	Peak	282.00	150	Horizontal	Pass
1**	1168.600	37.06	-18.11	54.0	-16.94	AV	282.00	150	Horizontal	Pass
2	2765.400	45.61	-10.80	68.2	-22.59	Peak	20.00	150	Horizontal	Pass
2**	2765.400	37.43	-10.80	54.0	-16.57	AV	20.00	150	Horizontal	Pass
3	4999.200	53.08	-2.94	68.2	-15.12	Peak	62.00	150	Horizontal	Pass
3**	4999.200	44.36	-2.94	54.0	-9.64	AV	62.00	150	Horizontal	Pass
4	5783.000	105.50	-2.22	--	--	Peak	191.00	150	Horizontal	N/A
4**	5783.000	96.68	-2.22	--	--	AV	191.00	150	Horizontal	N/A
5	11738.287	52.52	0.81	68.2	-15.68	Peak	290.00	150	Horizontal	Pass
5**	11738.287	42.62	0.81	54.0	-11.38	AV	290.00	150	Horizontal	Pass
6	15826.500	55.25	1.60	68.2	-12.95	Peak	266.00	150	Horizontal	Pass
6**	15826.500	46.80	1.60	54.0	-7.20	AV	266.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.500	46.19	-18.41	68.2	-22.01	Peak	63.00	150	Vertical	Pass
1**	1061.500	37.53	-18.41	54.0	-16.47	AV	63.00	150	Vertical	Pass
2	2797.600	45.57	-10.60	68.2	-22.63	Peak	255.00	150	Vertical	Pass
2**	2797.600	35.55	-10.60	54.0	-18.45	AV	255.00	150	Vertical	Pass
3	4982.000	52.76	-2.96	68.2	-15.44	Peak	267.00	150	Vertical	Pass
3**	4982.000	44.83	-2.96	54.0	-9.17	AV	267.00	150	Vertical	Pass
4	5802.000	107.36	-2.55	--	--	Peak	281.00	150	Vertical	N/A
4**	5802.000	100.45	-2.55	--	--	AV	281.00	150	Vertical	N/A
5	11656.063	53.24	0.01	68.2	-14.96	Peak	87.00	150	Vertical	Pass
5**	11656.063	43.36	0.01	54.0	-10.64	AV	87.00	150	Vertical	Pass
6	15843.037	56.74	1.40	68.2	-11.46	Peak	308.00	150	Vertical	Pass
6**	15843.037	46.90	1.40	54.0	-7.10	AV	308.00	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	1151.900	45.35	-17.95	68.2	-22.85	Peak	31.00	150	Horizontal	Pass
1**	1151.900	36.27	-17.95	54.0	-17.73	AV	31.00	150	Horizontal	Pass
2	2777.100	45.51	-10.43	68.2	-22.69	Peak	31.00	150	Horizontal	Pass
2**	2777.100	37.69	-10.43	54.0	-16.31	AV	31.00	150	Horizontal	Pass
3	4983.800	52.74	-2.90	68.2	-15.46	Peak	74.00	150	Horizontal	Pass
3**	4983.800	43.68	-2.90	54.0	-10.32	AV	74.00	150	Horizontal	Pass
4	5742.800	108.60	-2.27	--	--	Peak	333.00	150	Horizontal	N/A
4**	5742.800	101.04	-2.27	--	--	AV	333.00	150	Horizontal	N/A
5	11387.537	53.29	-0.24	68.2	-14.91	Peak	1.00	150	Horizontal	Pass
5**	11387.537	42.39	-0.24	54.0	-11.61	AV	1.00	150	Horizontal	Pass
6	15660.599	55.79	1.28	68.2	-12.41	Peak	78.00	150	Horizontal	Pass
6**	15660.599	45.94	1.28	54.0	-8.06	AV	78.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1046.800	46.54	-18.42	68.2	-21.66	Peak	74.00	150	Vertical	Pass
1**	1046.800	36.89	-18.42	54.0	-17.11	AV	74.00	150	Vertical	Pass
2	2824.200	46.36	-10.32	68.2	-21.84	Peak	82.00	150	Vertical	Pass
2**	2824.200	36.16	-10.32	54.0	-17.84	AV	82.00	150	Vertical	Pass
3	4979.600	53.17	-3.02	68.2	-15.03	Peak	0.00	150	Vertical	Pass
3**	4979.600	43.78	-3.02	54.0	-10.22	AV	0.00	150	Vertical	Pass
4	5743.600	109.38	-2.28	--	--	Peak	279.00	150	Vertical	N/A
4**	5743.600	101.71	-2.28	--	--	AV	279.00	150	Vertical	N/A
5	11945.000	54.05	1.54	68.2	-14.15	Peak	144.00	150	Vertical	Pass
5**	11945.000	44.29	1.54	54.0	-9.71	AV	144.00	150	Vertical	Pass
6	15640.912	56.12	1.33	68.2	-12.08	Peak	101.00	150	Vertical	Pass
6**	15640.912	46.41	1.33	54.0	-7.59	AV	101.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	46.84	-18.17	68.2	-21.36	Peak	178.00	150	Horizontal	Pass
1**	1166.600	36.88	-18.17	54.0	-17.12	AV	178.00	150	Horizontal	Pass
2	2768.200	46.43	-10.68	68.2	-21.77	Peak	331.00	150	Horizontal	Pass
2**	2768.200	36.08	-10.68	54.0	-17.92	AV	331.00	150	Horizontal	Pass
3	4997.400	52.62	-2.90	68.2	-15.58	Peak	64.00	150	Horizontal	Pass
3**	4997.400	44.76	-2.90	54.0	-9.24	AV	64.00	150	Horizontal	Pass
4	5783.000	107.29	-2.22	--	--	Peak	193.00	150	Horizontal	N/A
4**	5783.000	99.98	-2.22	--	--	AV	193.00	150	Horizontal	N/A
5	11669.576	52.47	0.23	68.2	-15.73	Peak	87.00	150	Horizontal	Pass
5**	11669.576	43.16	0.23	54.0	-10.84	AV	87.00	150	Horizontal	Pass
6	15631.988	56.50	1.64	68.2	-11.70	Peak	183.00	150	Horizontal	Pass
6**	15631.988	47.26	1.64	54.0	-6.74	AV	183.00	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	1049.000	46.68	-18.43	68.2	-21.52	Peak	77.00	150	Vertical	Pass
1**	1049.000	37.41	-18.43	54.0	-16.59	AV	77.00	150	Vertical	Pass
2	2826.600	46.68	-10.26	68.2	-21.52	Peak	242.00	150	Vertical	Pass
2**	2826.600	38.14	-10.26	54.0	-15.86	AV	242.00	150	Vertical	Pass
3	4999.000	53.19	-2.93	68.2	-15.01	Peak	9.00	150	Vertical	Pass
3**	4999.000	43.58	-2.93	54.0	-10.42	AV	9.00	150	Vertical	Pass
4	5784.200	109.74	-2.31	--	--	Peak	288.00	150	Vertical	N/A
4**	5784.200	102.37	-2.31	--	--	AV	288.00	150	Vertical	N/A
5	11764.163	52.36	1.29	68.2	-15.84	Peak	67.00	150	Vertical	Pass
5**	11764.163	42.95	1.29	54.0	-11.05	AV	67.00	150	Vertical	Pass
6	15846.974	56.33	1.35	68.2	-11.87	Peak	360.00	150	Vertical	Pass
6**	15846.974	46.64	1.35	54.0	-7.36	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.200	46.39	-18.13	68.2	-21.81	Peak	180.00	150	Horizontal	Pass
1**	1168.200	36.72	-18.13	54.0	-17.28	AV	180.00	150	Horizontal	Pass
2	2742.100	45.67	-10.91	68.2	-22.53	Peak	338.00	150	Horizontal	Pass
2**	2742.100	38.12	-10.91	54.0	-15.88	AV	338.00	150	Horizontal	Pass
3	4979.000	53.11	-3.02	68.2	-15.09	Peak	61.00	150	Horizontal	Pass
3**	4979.000	44.24	-3.02	54.0	-9.76	AV	61.00	150	Horizontal	Pass
4	5827.600	108.39	-2.30	--	--	Peak	204.00	150	Horizontal	N/A
4**	5827.600	100.62	-2.30	--	--	AV	204.00	150	Horizontal	N/A
5	11665.263	52.97	0.18	68.2	-15.23	Peak	96.00	150	Horizontal	Pass
5**	11665.263	43.28	0.18	54.0	-10.72	AV	96.00	150	Horizontal	Pass
6	15848.287	56.19	1.34	68.2	-12.01	Peak	357.00	150	Horizontal	Pass
6**	15848.287	47.41	1.34	54.0	-6.59	AV	357.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.300	46.41	-18.39	68.2	-21.79	Peak	265.00	150	Vertical	Pass
1**	1064.300	37.71	-18.39	54.0	-16.29	AV	265.00	150	Vertical	Pass
2	2767.500	45.90	-10.73	68.2	-22.30	Peak	273.00	150	Vertical	Pass
2**	2767.500	37.30	-10.73	54.0	-16.70	AV	273.00	150	Vertical	Pass
3	4988.400	52.95	-2.90	68.2	-15.25	Peak	9.00	150	Vertical	Pass
3**	4988.400	43.23	-2.90	54.0	-10.77	AV	9.00	150	Vertical	Pass
4	5827.800	109.22	-2.29	--	--	Peak	337.00	150	Vertical	N/A
4**	5827.800	101.79	-2.29	--	--	AV	337.00	150	Vertical	N/A
5	11830.287	52.89	1.19	68.2	-15.31	Peak	360.00	150	Vertical	Pass
5**	11830.287	43.45	1.19	54.0	-10.55	AV	360.00	150	Vertical	Pass
6	15850.651	56.24	1.31	68.2	-11.96	Peak	360.00	150	Vertical	Pass
6**	15850.651	47.28	1.31	54.0	-6.72	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1145.100	46.11	-18.23	68.2	-22.09	Peak	178.00	150	Horizontal	Pass
1**	1145.100	36.49	-18.23	54.0	-17.51	AV	178.00	150	Horizontal	Pass
2	2766.300	45.21	-10.78	68.2	-22.99	Peak	24.00	150	Horizontal	Pass
2**	2766.300	36.80	-10.78	54.0	-17.20	AV	24.00	150	Horizontal	Pass
3	4814.000	52.30	-3.07	68.2	-15.90	Peak	360.00	150	Horizontal	Pass
3**	4814.000	42.73	-3.07	54.0	-11.27	AV	360.00	150	Horizontal	Pass
4	5752.800	105.81	-2.17	--	--	Peak	322.00	150	Horizontal	N/A
4**	5752.800	98.33	-2.17	--	--	AV	322.00	150	Horizontal	N/A
5	11938.962	52.99	1.69	68.2	-15.21	Peak	104.00	150	Horizontal	Pass
5**	11938.962	44.77	1.69	54.0	-9.23	AV	104.00	150	Horizontal	Pass
6	15859.575	56.02	0.95	68.2	-12.18	Peak	272.00	150	Horizontal	Pass
6**	15859.575	46.66	0.95	54.0	-7.34	AV	272.00	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	1156.400	46.64	-18.09	68.2	-21.56	Peak	178.00	150	Vertical	Pass
1**	1156.400	38.14	-18.09	54.0	-15.86	AV	178.00	150	Vertical	Pass
2	2811.200	45.16	-10.18	68.2	-23.04	Peak	254.00	150	Vertical	Pass
2**	2811.200	35.29	-10.18	54.0	-18.71	AV	254.00	150	Vertical	Pass
3	4997.400	53.56	-2.90	68.2	-14.64	Peak	258.00	150	Vertical	Pass
3**	4997.400	43.75	-2.90	54.0	-10.25	AV	258.00	150	Vertical	Pass
4	5761.200	106.04	-1.90	--	--	Peak	285.00	150	Vertical	N/A
4**	5761.200	98.30	-1.90	--	--	AV	285.00	150	Vertical	N/A
5	11749.213	52.66	0.91	68.2	-15.54	Peak	271.00	150	Vertical	Pass
5**	11749.213	43.26	0.91	54.0	-10.74	AV	271.00	150	Vertical	Pass
6	15864.300	56.52	0.83	68.2	-11.68	Peak	207.00	150	Vertical	Pass
6**	15864.300	46.38	0.83	54.0	-7.62	AV	207.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.700	47.97	-18.08	68.2	-20.23	Peak	178.00	150	Horizontal	Pass
1**	1159.700	37.16	-18.08	54.0	-16.84	AV	178.00	150	Horizontal	Pass
2	2769.000	46.50	-10.63	68.2	-21.70	Peak	28.00	150	Horizontal	Pass
2**	2769.000	36.57	-10.63	54.0	-17.43	AV	28.00	150	Horizontal	Pass
3	4910.800	51.92	-2.46	68.2	-16.28	Peak	262.00	150	Horizontal	Pass
3**	4910.800	42.85	-2.46	54.0	-11.15	AV	262.00	150	Horizontal	Pass
4	5798.200	105.65	-2.74	--	--	Peak	196.00	150	Horizontal	N/A
4**	5798.200	98.47	-2.74	--	--	AV	196.00	150	Horizontal	N/A
5	11640.250	53.23	-0.24	68.2	-14.97	Peak	0.00	150	Horizontal	Pass
5**	11640.250	43.62	-0.24	54.0	-10.38	AV	0.00	150	Horizontal	Pass
6	15856.425	55.83	1.12	68.2	-12.37	Peak	39.00	150	Horizontal	Pass
6**	15856.425	47.19	1.12	54.0	-6.81	AV	39.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.000	46.96	-18.53	68.2	-21.24	Peak	260.00	150	Vertical	Pass
1**	1057.000	37.55	-18.53	54.0	-16.45	AV	260.00	150	Vertical	Pass
2	2827.500	47.72	-10.30	68.2	-20.48	Peak	242.00	150	Vertical	Pass
2**	2827.500	35.65	-10.30	54.0	-18.35	AV	242.00	150	Vertical	Pass
3	4984.000	53.13	-2.90	68.2	-15.07	Peak	256.00	150	Vertical	Pass
3**	4984.000	44.03	-2.90	54.0	-9.97	AV	256.00	150	Vertical	Pass
4	5801.200	107.30	-2.58	--	--	Peak	282.00	150	Vertical	N/A
4**	5801.200	99.84	-2.58	--	--	AV	282.00	150	Vertical	N/A
5	11614.375	52.64	-0.07	68.2	-15.56	Peak	289.00	150	Vertical	Pass
5**	11614.375	42.97	-0.07	54.0	-11.03	AV	289.00	150	Vertical	Pass
6	15625.687	56.69	1.72	68.2	-11.51	Peak	358.00	150	Vertical	Pass
6**	15625.687	46.79	1.72	54.0	-7.21	AV	358.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.900	46.14	-18.10	68.2	-22.06	Peak	200.00	150	Horizontal	Pass
1**	1156.900	37.49	-18.10	54.0	-16.51	AV	200.00	150	Horizontal	Pass
2	2732.800	45.81	-10.94	68.2	-22.39	Peak	336.00	150	Horizontal	Pass
2**	2732.800	36.37	-10.94	54.0	-17.63	AV	336.00	150	Horizontal	Pass
3	4980.800	53.50	-3.01	68.2	-14.70	Peak	62.00	150	Horizontal	Pass
3**	4980.800	43.32	-3.01	54.0	-10.68	AV	62.00	150	Horizontal	Pass
4	5783.800	102.53	-2.28	--	--	Peak	205.00	150	Horizontal	N/A
4**	5783.800	94.26	-2.28	--	--	AV	205.00	150	Horizontal	N/A
5	11610.063	52.03	-0.06	68.2	-16.17	Peak	269.00	150	Horizontal	Pass
5**	11610.063	43.15	-0.06	54.0	-10.85	AV	269.00	150	Horizontal	Pass
6	15622.799	56.06	1.68	68.2	-12.14	Peak	334.00	150	Horizontal	Pass
6**	15622.799	46.51	1.68	54.0	-7.49	AV	334.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1075.400	47.22	-18.48	68.2	-20.98	Peak	185.00	150	Vertical	Pass
1**	1075.400	36.62	-18.48	54.0	-17.38	AV	185.00	150	Vertical	Pass
2	2778.800	45.28	-10.43	68.2	-22.92	Peak	259.00	150	Vertical	Pass
2**	2778.800	35.62	-10.43	54.0	-18.38	AV	259.00	150	Vertical	Pass
3	4898.800	52.18	-2.91	68.2	-16.02	Peak	141.00	150	Vertical	Pass
3**	4898.800	42.16	-2.91	54.0	-11.84	AV	141.00	150	Vertical	Pass
4	5773.800	103.23	-1.99	--	--	Peak	287.00	150	Vertical	N/A
4**	5773.800	95.46	-1.99	--	--	AV	287.00	150	Vertical	N/A
5	11715.575	53.07	0.76	68.2	-15.13	Peak	43.00	150	Vertical	Pass
5**	11715.575	43.29	0.76	54.0	-10.71	AV	43.00	150	Vertical	Pass
6	15845.925	56.27	1.36	68.2	-11.93	Peak	126.00	150	Vertical	Pass
6**	15845.925	47.36	1.36	54.0	-6.64	AV	126.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	46.67	-18.16	68.2	-21.53	Peak	180.00	150	Horizontal	Pass
1**	1166.300	37.82	-18.16	54.0	-16.18	AV	180.00	150	Horizontal	Pass
2	2772.300	45.83	-10.49	68.2	-22.37	Peak	25.00	150	Horizontal	Pass
2**	2772.300	38.14	-10.49	54.0	-15.86	AV	25.00	150	Horizontal	Pass
3	4913.600	52.46	-2.25	68.2	-15.74	Peak	313.00	150	Horizontal	Pass
3**	4913.600	43.06	-2.25	54.0	-10.94	AV	313.00	150	Horizontal	Pass
4	5718.600	107.95	-2.47	--	--	Peak	313.00	150	Horizontal	N/A
4**	5718.600	100.45	-2.47	--	--	AV	313.00	150	Horizontal	N/A
5	11478.388	52.84	-0.05	68.2	-15.36	Peak	113.00	150	Horizontal	Pass
5**	11478.388	43.08	-0.05	54.0	-10.92	AV	113.00	150	Horizontal	Pass
6	15631.462	56.59	1.66	68.2	-11.61	Peak	227.00	150	Horizontal	Pass
6**	15631.462	46.15	1.66	54.0	-7.85	AV	227.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.900	46.34	-18.10	68.2	-21.86	Peak	174.00	150	Vertical	Pass
1**	1156.900	37.14	-18.10	54.0	-16.86	AV	174.00	150	Vertical	Pass
2	2848.400	46.44	-10.27	68.2	-21.76	Peak	22.00	150	Vertical	Pass
2**	2848.400	35.66	-10.27	54.0	-18.34	AV	22.00	150	Vertical	Pass
3	4978.800	52.93	-3.02	68.2	-15.27	Peak	267.00	150	Vertical	Pass
3**	4978.800	43.76	-3.02	54.0	-10.24	AV	267.00	150	Vertical	Pass
4	5719.000	108.08	-2.45	--	--	Peak	267.00	150	Vertical	N/A
4**	5719.000	99.87	-2.45	--	--	AV	267.00	150	Vertical	N/A
5	11659.513	52.67	0.11	68.2	-15.53	Peak	14.00	150	Vertical	Pass
5**	11659.513	43.86	0.11	54.0	-10.14	AV	14.00	150	Vertical	Pass
6	15629.887	55.91	1.70	68.2	-12.29	Peak	80.00	150	Vertical	Pass
6**	15629.887	46.93	1.70	54.0	-7.07	AV	80.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.000	45.89	-18.10	68.2	-22.31	Peak	181.00	150	Horizontal	Pass
1**	1165.000	36.95	-18.10	54.0	-17.05	AV	181.00	150	Horizontal	Pass
2	2750.600	46.52	-10.78	68.2	-21.68	Peak	322.00	150	Horizontal	Pass
2**	2750.600	37.15	-10.78	54.0	-16.85	AV	322.00	150	Horizontal	Pass
3	4978.000	53.16	-3.03	68.2	-15.04	Peak	74.00	150	Horizontal	Pass
3**	4978.000	43.59	-3.03	54.0	-10.41	AV	74.00	150	Horizontal	Pass
4	5717.200	107.53	-2.50	--	--	Peak	338.00	150	Horizontal	N/A
4**	5717.200	100.01	-2.50	--	--	AV	338.00	150	Horizontal	N/A
5	11600.862	52.45	-0.06	68.2	-15.75	Peak	0.00	150	Horizontal	Pass
5**	11600.862	42.90	-0.06	54.0	-11.10	AV	0.00	150	Horizontal	Pass
6	15854.325	56.29	1.21	68.2	-11.91	Peak	0.00	150	Horizontal	Pass
6**	15854.325	47.30	1.21	54.0	-6.70	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1076.400	46.50	-18.52	68.2	-21.70	Peak	197.00	150	Vertical	Pass
1**	1076.400	36.04	-18.52	54.0	-17.96	AV	197.00	150	Vertical	Pass
2	2814.100	45.87	-10.04	68.2	-22.33	Peak	248.00	150	Vertical	Pass
2**	2814.100	36.78	-10.04	54.0	-17.22	AV	248.00	150	Vertical	Pass
3	4997.600	53.07	-2.90	68.2	-15.13	Peak	196.00	150	Vertical	Pass
3**	4997.600	43.77	-2.90	54.0	-10.23	AV	196.00	150	Vertical	Pass
4	5721.400	107.27	-2.41	--	--	Peak	341.00	150	Vertical	N/A
4**	5721.400	100.10	-2.41	--	--	AV	341.00	150	Vertical	N/A
5	11340.100	52.82	0.26	68.2	-15.38	Peak	286.00	150	Vertical	Pass
5**	11340.100	42.66	0.26	54.0	-11.34	AV	286.00	150	Vertical	Pass
6	15633.563	56.46	1.59	68.2	-11.74	Peak	123.00	150	Vertical	Pass
6**	15633.563	47.99	1.59	54.0	-6.01	AV	123.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.800	46.42	-17.97	68.2	-21.78	Peak	28.00	150	Horizontal	Pass
1**	1150.800	37.36	-17.97	54.0	-16.64	AV	28.00	150	Horizontal	Pass
2	2779.500	45.51	-10.43	68.2	-22.69	Peak	342.00	150	Horizontal	Pass
2**	2779.500	36.53	-10.43	54.0	-17.47	AV	342.00	150	Horizontal	Pass
3	4985.800	53.79	-2.90	68.2	-14.41	Peak	62.00	150	Horizontal	Pass
3**	4985.800	42.87	-2.90	54.0	-11.13	AV	62.00	150	Horizontal	Pass
4	5716.200	105.74	-2.51	--	--	Peak	327.00	150	Horizontal	N/A
4**	5716.200	97.75	-2.51	--	--	AV	327.00	150	Horizontal	N/A
5	11584.474	52.58	-0.31	68.2	-15.62	Peak	270.00	150	Horizontal	Pass
5**	11584.474	43.27	-0.31	54.0	-10.73	AV	270.00	150	Horizontal	Pass
6	15618.862	56.24	1.60	68.2	-11.96	Peak	358.00	150	Horizontal	Pass
6**	15618.862	46.40	1.60	54.0	-7.60	AV	358.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.800	46.50	-18.10	68.2	-21.70	Peak	188.00	150	Vertical	Pass
1**	1156.800	36.99	-18.10	54.0	-17.01	AV	188.00	150	Vertical	Pass
2	2771.300	45.53	-10.49	68.2	-22.67	Peak	250.00	150	Vertical	Pass
2**	2771.300	36.41	-10.49	54.0	-17.59	AV	250.00	150	Vertical	Pass
3	4988.400	53.26	-2.90	68.2	-14.94	Peak	211.00	150	Vertical	Pass
3**	4988.400	43.55	-2.90	54.0	-10.45	AV	211.00	150	Vertical	Pass
4	5716.600	105.44	-2.51	--	--	Peak	290.00	150	Vertical	N/A
4**	5716.600	97.50	-2.51	--	--	AV	290.00	150	Vertical	N/A
5	11559.175	52.72	-0.44	68.2	-15.48	Peak	6.00	150	Vertical	Pass
5**	11559.175	42.99	-0.44	54.0	-11.01	AV	6.00	150	Vertical	Pass
6	15792.375	55.90	2.08	68.2	-12.30	Peak	144.00	150	Vertical	Pass
6**	15792.375	46.82	2.08	54.0	-7.18	AV	144.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.000	47.21	-18.10	68.2	-20.99	Peak	277.00	150	Horizontal	Pass
1**	1169.000	36.91	-18.10	54.0	-17.09	AV	277.00	150	Horizontal	Pass
2	2779.800	45.21	-10.43	68.2	-22.99	Peak	299.00	150	Horizontal	Pass
2**	2779.800	37.12	-10.43	54.0	-16.88	AV	299.00	150	Horizontal	Pass
3	4985.200	52.79	-2.89	68.2	-15.41	Peak	130.00	150	Horizontal	Pass
3**	4985.200	42.59	-2.89	54.0	-11.41	AV	130.00	150	Horizontal	Pass
4	5718.000	108.46	-2.48	--	--	Peak	210.00	150	Horizontal	N/A
4**	5718.000	99.91	-2.48	--	--	AV	210.00	150	Horizontal	N/A
5	10932.712	53.60	0.03	68.2	-14.60	Peak	322.00	150	Horizontal	Pass
5**	10932.712	42.88	0.03	54.0	-11.12	AV	322.00	150	Horizontal	Pass
6	15624.637	56.79	1.71	68.2	-11.41	Peak	213.00	150	Horizontal	Pass
6**	15624.637	46.67	1.71	54.0	-7.33	AV	213.00	150	Horizontal	Pass

11a20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1040.800	46.80	-18.31	68.2	-21.40	Peak	68.00	150	Vertical	Pass
1**	1040.800	37.11	-18.31	54.0	-16.89	AV	68.00	150	Vertical	Pass
2	2832.900	46.75	-10.33	68.2	-21.45	Peak	47.00	150	Vertical	Pass
2**	2832.900	36.07	-10.33	54.0	-17.93	AV	47.00	150	Vertical	Pass
3	4997.000	52.72	-2.91	68.2	-15.48	Peak	167.00	150	Vertical	Pass
3**	4997.000	43.43	-2.91	54.0	-10.57	AV	167.00	150	Vertical	Pass
4	5719.400	107.15	-2.43	--	--	Peak	258.00	150	Vertical	N/A
4**	5719.400	99.48	-2.43	--	--	AV	258.00	150	Vertical	N/A
5	11829.137	53.45	1.19	68.2	-14.75	Peak	214.00	150	Vertical	Pass
5**	11829.137	43.96	1.19	54.0	-10.04	AV	214.00	150	Vertical	Pass
6	15850.387	56.08	1.32	68.2	-12.12	Peak	344.00	150	Vertical	Pass
6**	15850.387	47.01	1.32	54.0	-6.99	AV	344.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.200	46.08	-18.11	68.2	-22.12	Peak	179.00	150	Horizontal	Pass
1**	1169.200	36.97	-18.11	54.0	-17.03	AV	179.00	150	Horizontal	Pass
2	2799.900	45.27	-10.56	68.2	-22.93	Peak	32.00	150	Horizontal	Pass
2**	2799.900	36.01	-10.56	54.0	-17.99	AV	32.00	150	Horizontal	Pass
3	4988.800	53.35	-2.89	68.2	-14.85	Peak	102.00	150	Horizontal	Pass
3**	4988.800	42.58	-2.89	54.0	-11.42	AV	102.00	150	Horizontal	Pass
4	5716.200	105.00	-2.51	--	--	Peak	328.00	150	Horizontal	N/A
4**	5716.200	96.98	-2.51	--	--	AV	328.00	150	Horizontal	N/A
5	11988.700	53.20	1.10	68.2	-15.00	Peak	152.00	150	Horizontal	Pass
5**	11988.700	43.18	1.10	54.0	-10.82	AV	152.00	150	Horizontal	Pass
6	16088.475	56.23	1.46	68.2	-11.97	Peak	279.00	150	Horizontal	Pass
6**	16088.475	47.33	1.46	54.0	-6.67	AV	279.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1072.800	46.55	-18.50	68.2	-21.65	Peak	196.00	150	Vertical	Pass
1**	1072.800	36.75	-18.50	54.0	-17.25	AV	196.00	150	Vertical	Pass
2	2810.000	44.72	-10.25	68.2	-23.48	Peak	100.00	150	Vertical	Pass
2**	2810.000	35.79	-10.25	54.0	-18.21	AV	100.00	150	Vertical	Pass
3	4990.400	53.95	-2.89	68.2	-14.25	Peak	254.00	150	Vertical	Pass
3**	4990.400	43.48	-2.89	54.0	-10.52	AV	254.00	150	Vertical	Pass
4	5717.200	104.33	-2.50	--	--	Peak	268.00	150	Vertical	N/A
4**	5717.200	97.11	-2.50	--	--	AV	268.00	150	Vertical	N/A
5	11558.025	52.58	-0.44	68.2	-15.62	Peak	304.00	150	Vertical	Pass
5**	11558.025	43.55	-0.44	54.0	-10.45	AV	304.00	150	Vertical	Pass
6	15845.925	56.83	1.36	68.2	-11.37	Peak	197.00	150	Vertical	Pass
6**	15845.925	47.11	1.36	54.0	-6.89	AV	197.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1173.000	46.55	-18.07	68.2	-21.65	Peak	283.00	150	Horizontal	Pass
1**	1173.000	36.65	-18.07	54.0	-17.35	AV	283.00	150	Horizontal	Pass
2	2769.600	46.02	-10.60	68.2	-22.18	Peak	294.00	150	Horizontal	Pass
2**	2769.600	36.84	-10.60	54.0	-17.16	AV	294.00	150	Horizontal	Pass
3	4978.000	52.88	-3.03	68.2	-15.32	Peak	63.00	150	Horizontal	Pass
3**	4978.000	43.68	-3.03	54.0	-10.32	AV	63.00	150	Horizontal	Pass
4	5680.600	102.34	-2.12	--	--	Peak	330.00	150	Horizontal	N/A
4**	5680.600	93.75	-2.12	--	--	AV	330.00	150	Horizontal	N/A
5	11932.063	53.88	1.62	68.2	-14.32	Peak	344.00	150	Horizontal	Pass
5**	11932.063	44.22	1.62	54.0	-9.78	AV	344.00	150	Horizontal	Pass
6	15620.963	56.07	1.65	68.2	-12.13	Peak	231.00	150	Horizontal	Pass
6**	15620.963	47.25	1.65	54.0	-6.75	AV	231.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.400	46.26	-18.42	68.2	-21.94	Peak	197.00	150	Vertical	Pass
1**	1063.400	37.60	-18.42	54.0	-16.40	AV	197.00	150	Vertical	Pass
2	2832.500	45.70	-10.34	68.2	-22.50	Peak	92.00	150	Vertical	Pass
2**	2832.500	36.23	-10.34	54.0	-17.77	AV	92.00	150	Vertical	Pass
3	4891.600	52.57	-3.26	68.2	-15.63	Peak	0.00	150	Vertical	Pass
3**	4891.600	42.40	-3.26	54.0	-11.60	AV	0.00	150	Vertical	Pass
4	5697.000	102.58	-2.10	--	--	Peak	277.00	150	Vertical	N/A
4**	5697.000	94.54	-2.10	--	--	AV	277.00	150	Vertical	N/A
5	11717.588	53.27	0.77	68.2	-14.93	Peak	171.00	150	Vertical	Pass
5**	11717.588	43.64	0.77	54.0	-10.36	AV	171.00	150	Vertical	Pass
6	15806.287	55.85	2.24	68.2	-12.35	Peak	238.00	150	Vertical	Pass
6**	15806.287	46.17	2.24	54.0	-7.83	AV	238.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
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

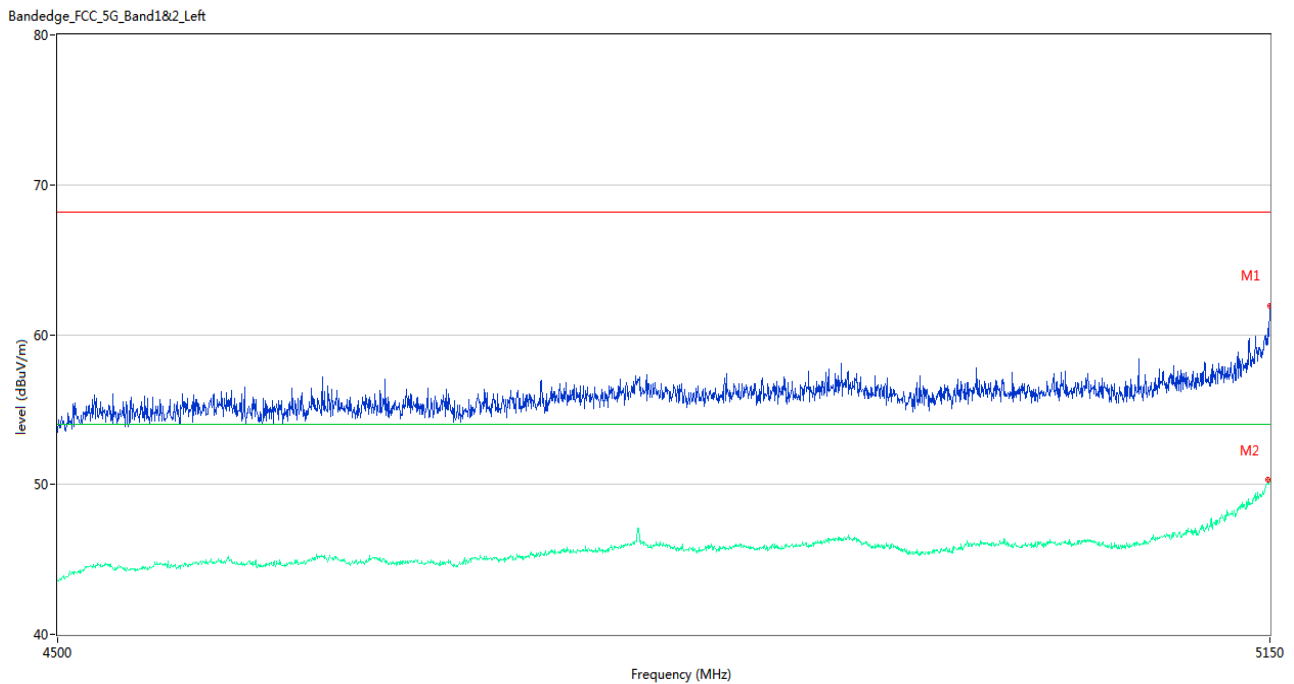
	802.11ac(VHT80)	Middle	Pass
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Test Band	Mode	Channel	Verdict
U-NII-2C & U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass

Note: All antenna were tested, but only the worst case has been reported in this report.

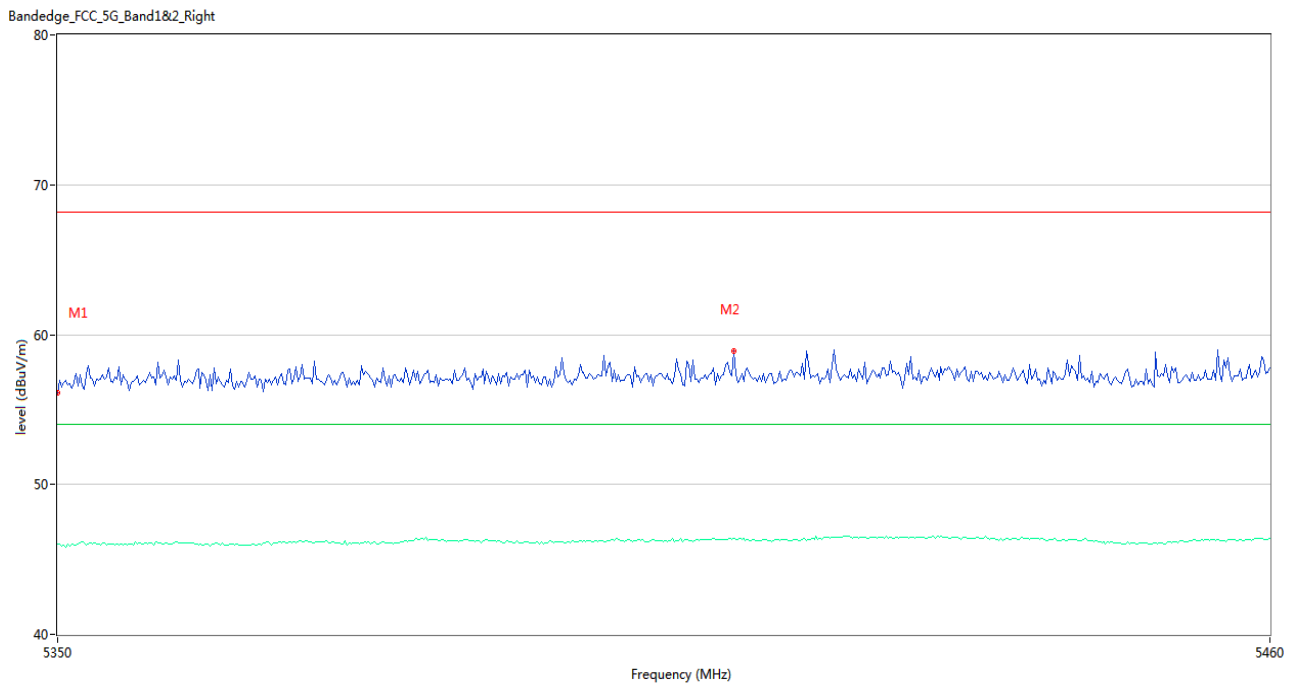
Test Data and Plots

U-NII-1 11a CH36



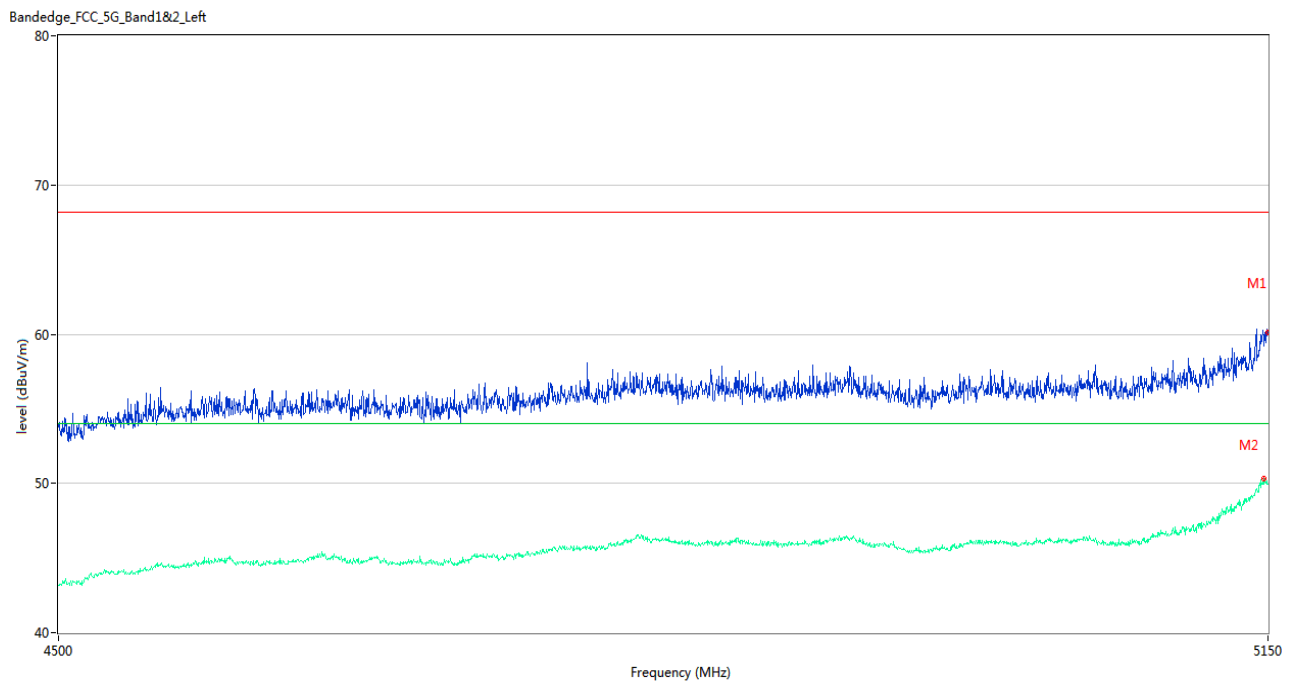
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.92	3.22	68.2	-6.28	Peak	295.00	150	Vertical	Pass
1**	5150.000	50.16	3.22	54.0	-3.84	AV	295.00	150	Vertical	Pass
2	5149.025	60.02	3.34	68.2	-8.18	Peak	360.00	150	Vertical	Pass
2**	5149.025	50.29	3.34	54.0	-3.71	AV	360.00	150	Vertical	Pass

U-NII-1 11a CH48



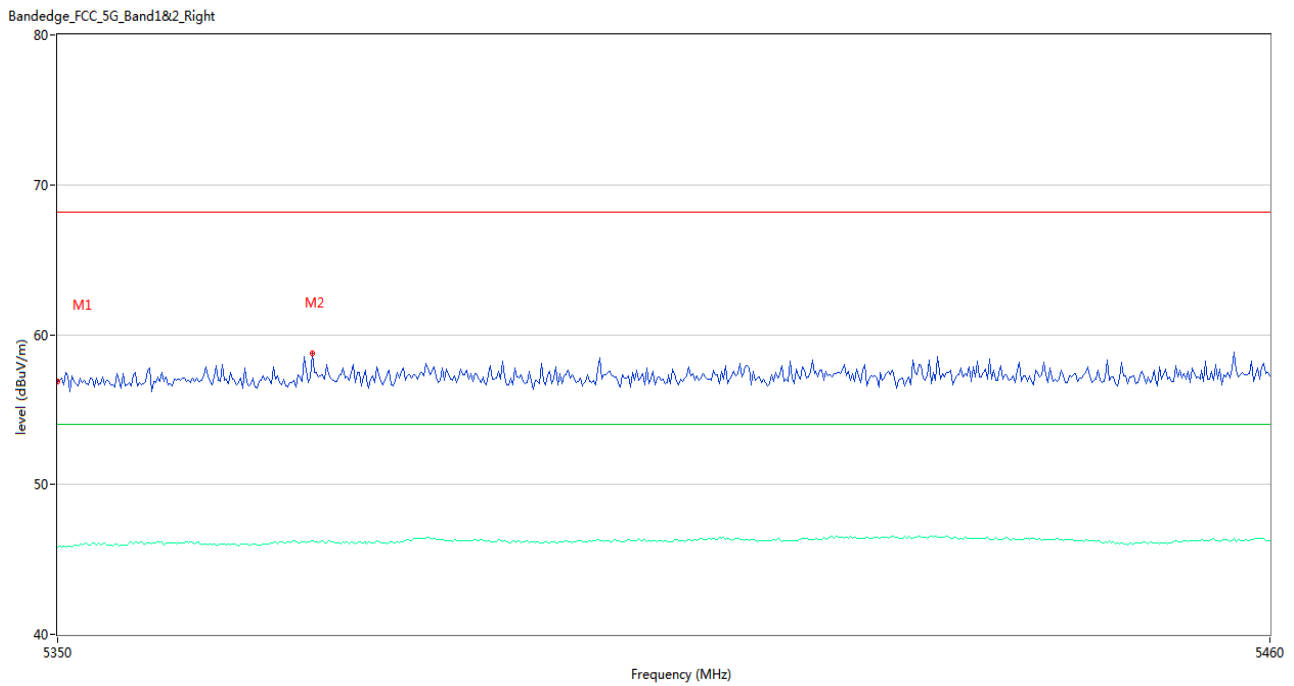
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.15	2.98	68.2	-12.05	Peak	268.00	150	Vertical	Pass
1**	5350.000	46.03	2.98	54.0	-7.97	AV	268.00	150	Vertical	Pass
2	5411.050	58.90	3.34	68.2	-9.30	Peak	250.00	150	Vertical	Pass
2**	5411.050	46.38	3.34	54.0	-7.62	AV	250.00	150	Vertical	Pass

U-NII-1 11n20 CH36



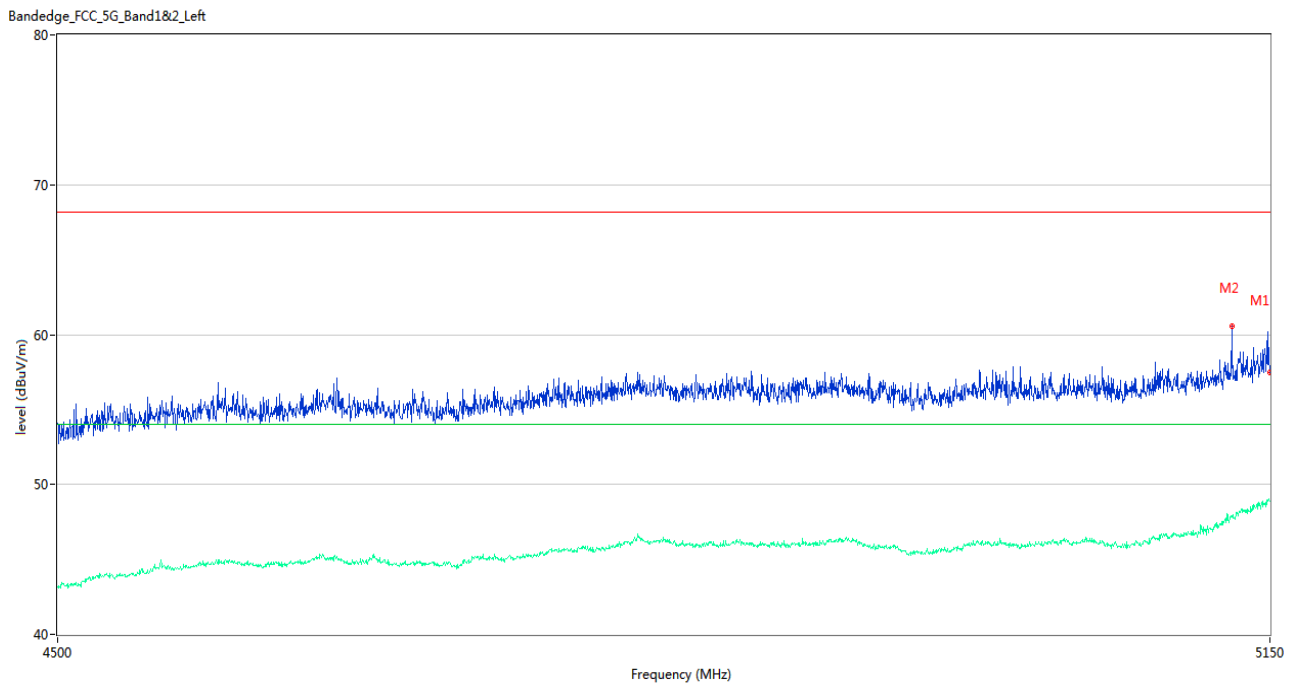
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.08	3.22	68.2	-8.12	Peak	46.00	150	Vertical	Pass
1**	5150.000	49.95	3.22	54.0	-4.05	AV	46.00	150	Vertical	Pass
2	5147.400	59.70	3.37	68.2	-8.50	Peak	359.00	150	Vertical	Pass
2**	5147.400	50.34	3.37	54.0	-3.66	AV	359.00	150	Vertical	Pass

U-NII-1 11n20 CH48



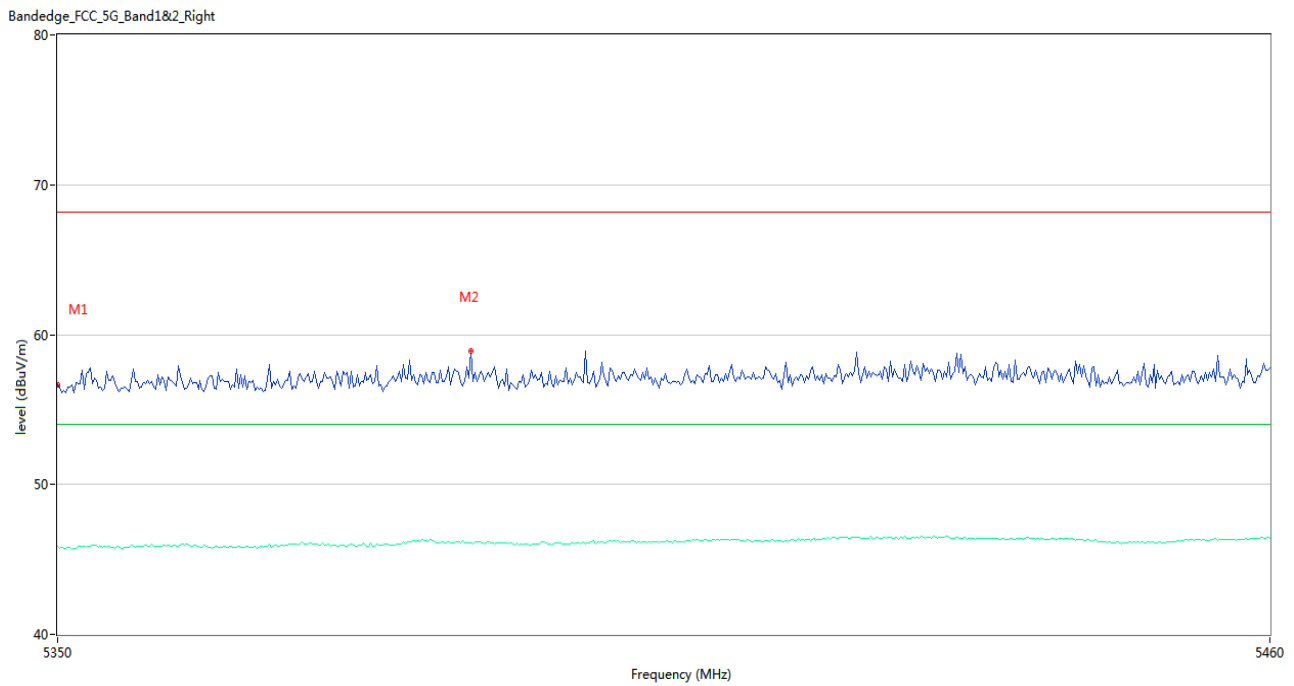
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.90	2.98	68.2	-11.30	Peak	148.00	150	Vertical	Pass
1**	5350.000	45.78	2.98	54.0	-8.22	AV	148.00	150	Vertical	Pass
2	5372.917	58.76	3.45	68.2	-9.44	Peak	99.00	150	Vertical	Pass
2**	5372.917	46.22	3.45	54.0	-7.78	AV	99.00	150	Vertical	Pass

U-NII-1 11n40 CH38



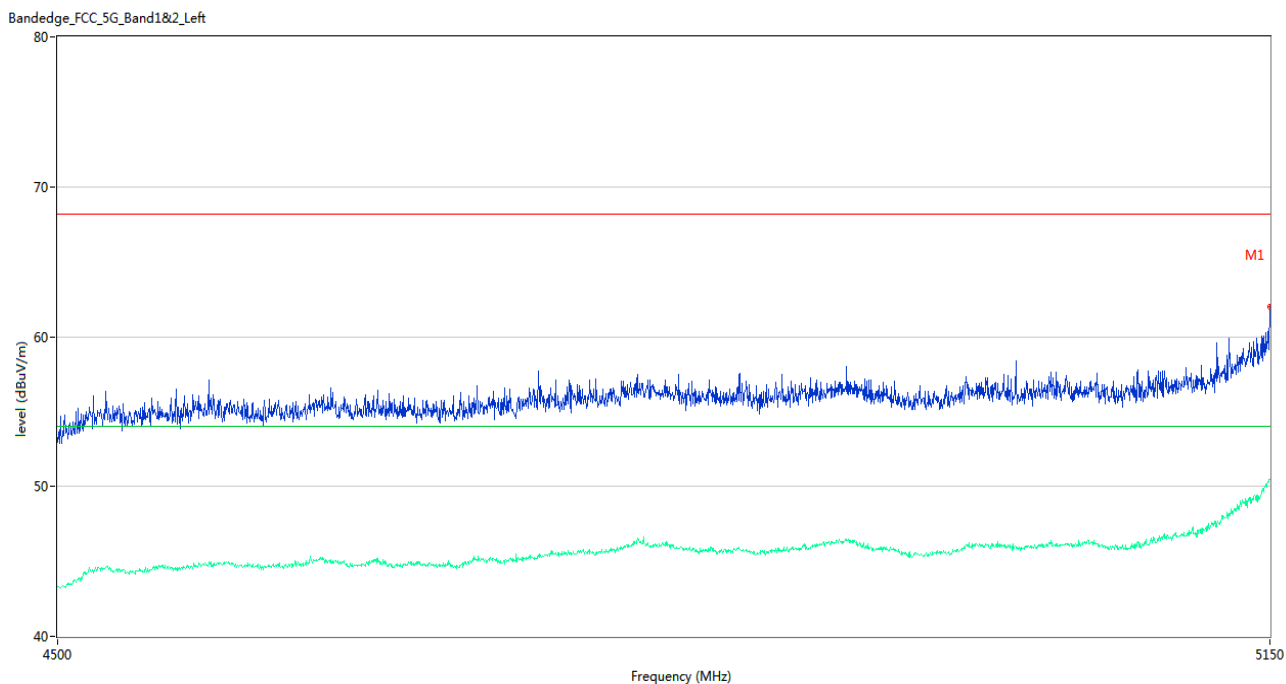
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.47	3.22	68.2	-10.73	Peak	40.00	150	Vertical	Pass
1**	5150.000	48.86	3.22	54.0	-5.14	AV	40.00	150	Vertical	Pass
2	5128.225	60.54	3.73	68.2	-7.66	Peak	289.00	150	Vertical	Pass
2**	5128.225	47.83	3.73	54.0	-6.17	AV	289.00	150	Vertical	Pass

U-NII-1 11n40 CH46



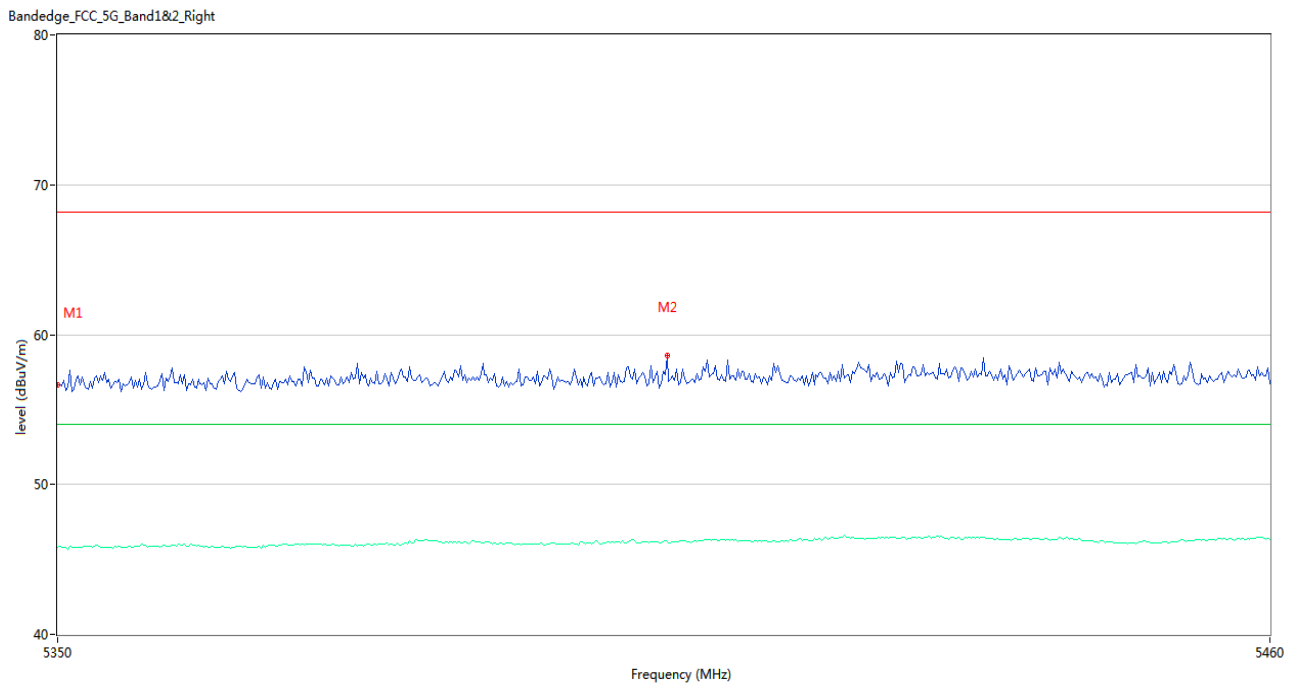
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.65	2.98	68.2	-11.55	Peak	51.00	150	Vertical	Pass
1**	5350.000	45.86	2.98	54.0	-8.14	AV	51.00	150	Vertical	Pass
2	5387.217	58.91	3.43	68.2	-9.29	Peak	176.00	150	Vertical	Pass
2**	5387.217	46.13	3.43	54.0	-7.87	AV	176.00	150	Vertical	Pass

U-NII-1 11ac20 CH36



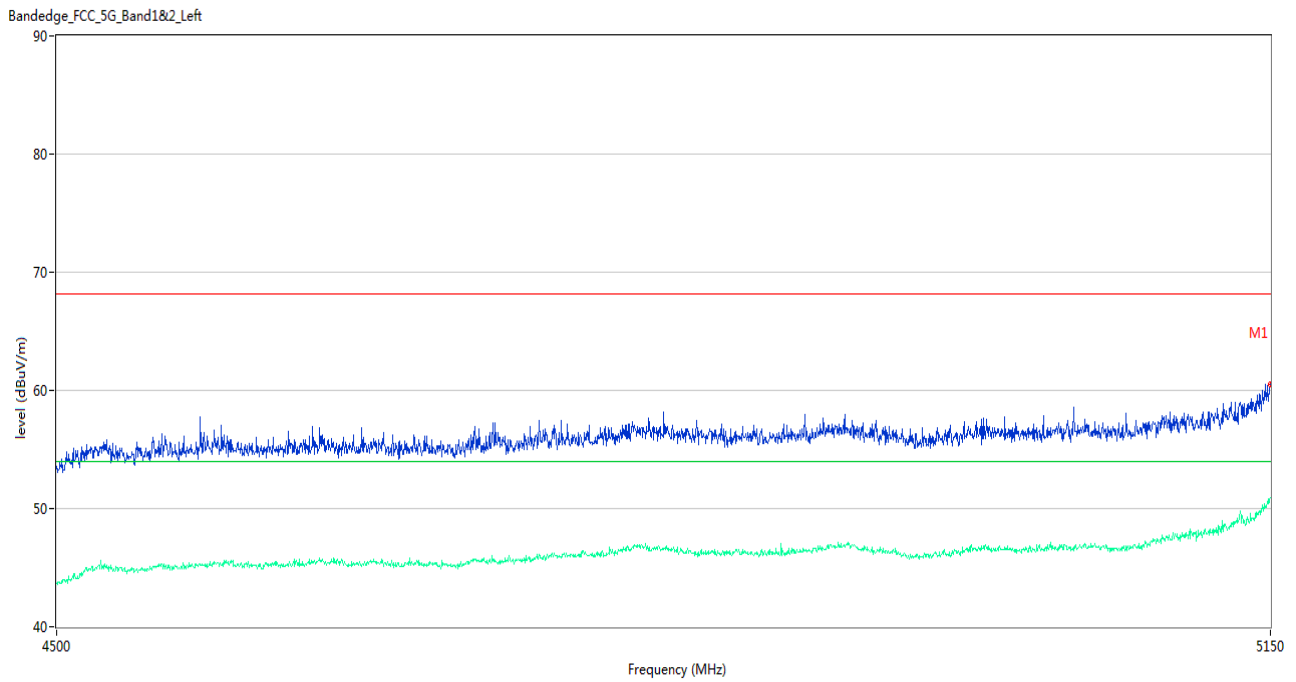
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.00	3.22	68.2	-6.20	Peak	43.00	150	Vertical	Pass
1**	5150.000	50.44	3.22	54.0	-3.56	AV	43.00	150	Vertical	Pass

U-NII-1 11ac20 CH48



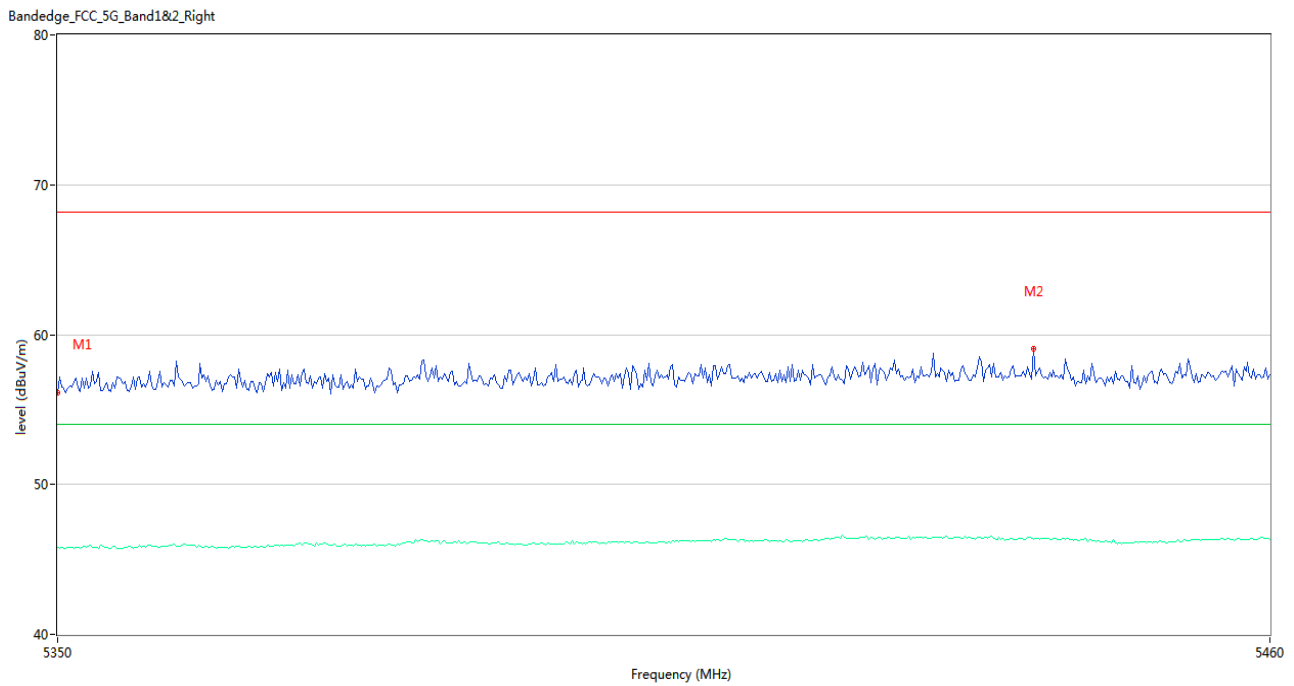
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.68	2.98	68.2	-11.52	Peak	46.00	150	Vertical	Pass
1**	5350.000	45.82	2.98	54.0	-8.18	AV	46.00	150	Vertical	Pass
2	5405.000	58.63	3.30	68.2	-9.57	Peak	344.00	150	Vertical	Pass
2**	5405.000	46.20	3.30	54.0	-7.80	AV	344.00	150	Vertical	Pass

U-NII-1 11ac40 CH38



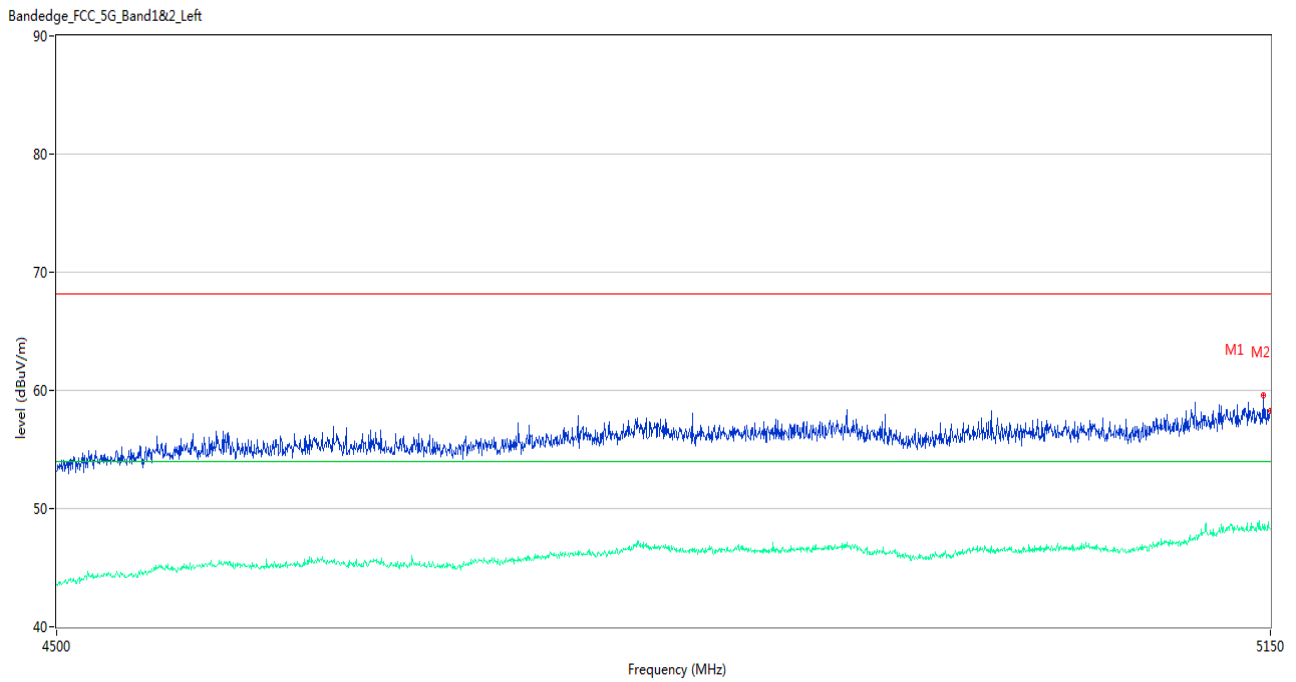
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.48	3.22	68.2	-7.72	Peak	267.00	150	Vertical	Pass
1**	5150.000	50.94	3.22	54.0	-3.06	AV	267.00	150	Vertical	Pass

U-NII-1 11ac40 CH46



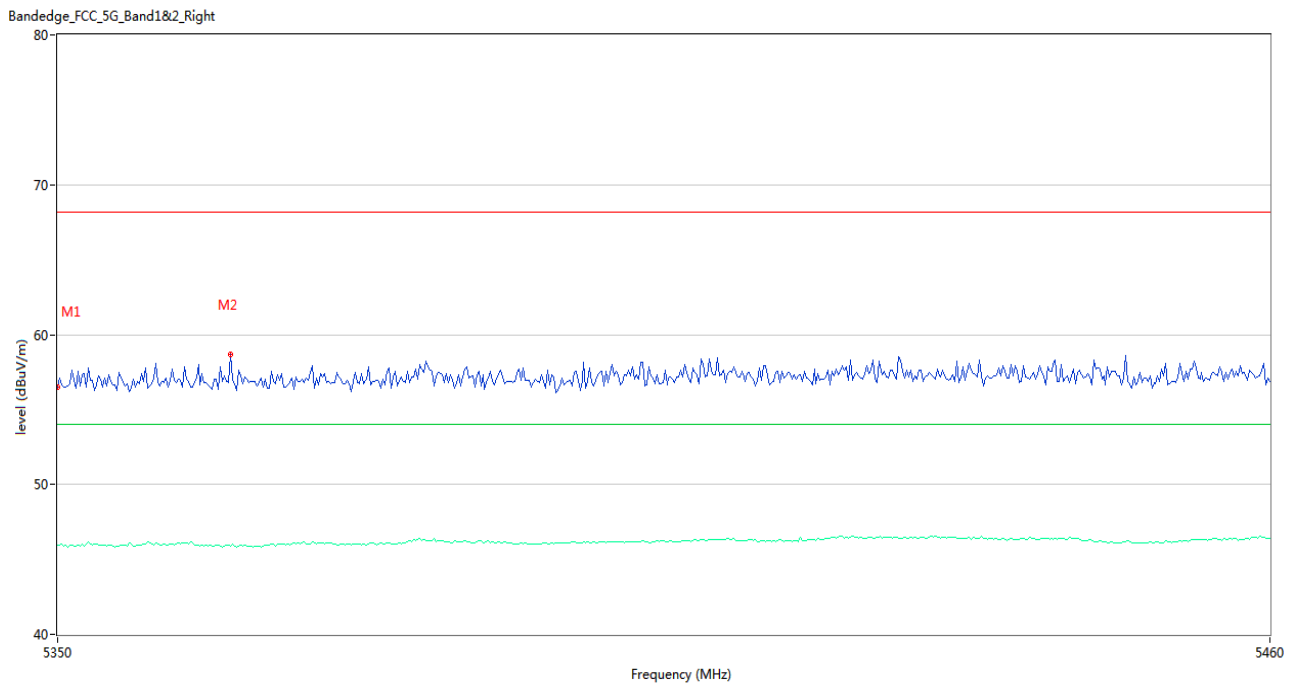
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.16	2.98	68.2	-12.04	Peak	109.00	150	Vertical	Pass
1**	5350.000	45.80	2.98	54.0	-8.20	AV	109.00	150	Vertical	Pass
2	5438.367	59.09	3.54	68.2	-9.11	Peak	281.00	150	Vertical	Pass
2**	5438.367	46.36	3.54	54.0	-7.64	AV	281.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



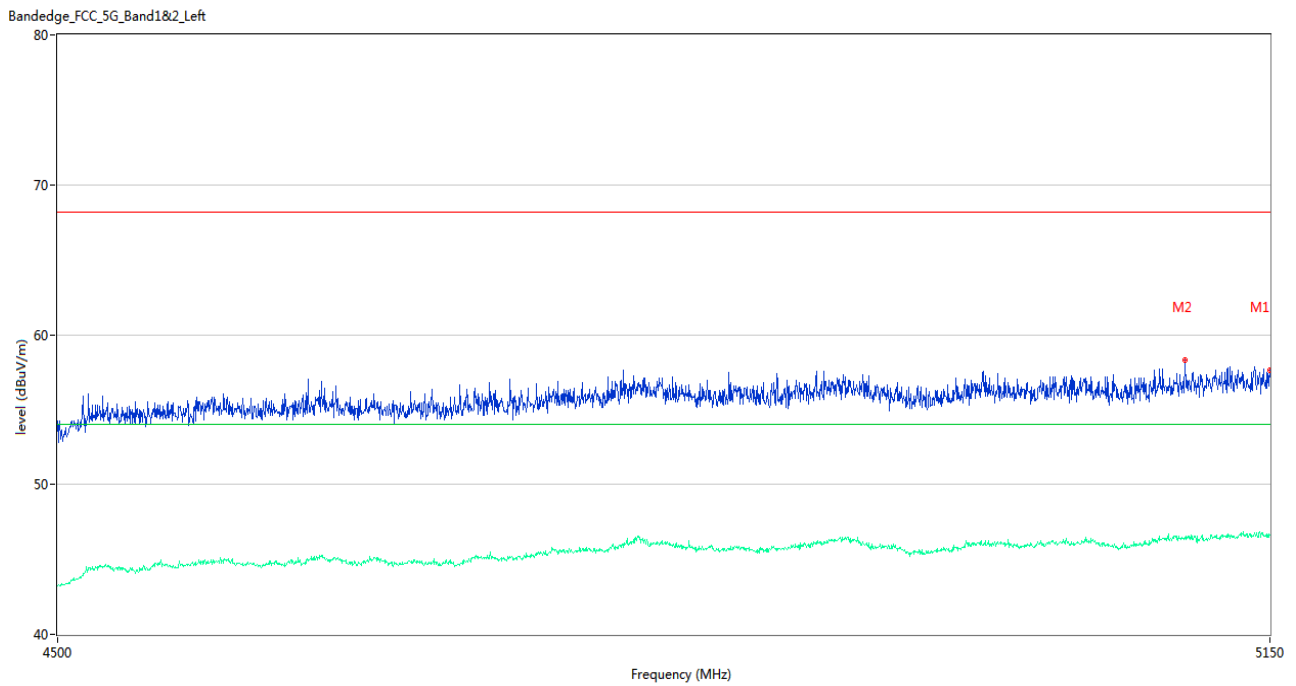
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	59.59	3.40	68.2	-8.61	Peak	354.00	150	Vertical	Pass
1**	5145.775	48.22	3.40	54.0	-5.78	AV	354.00	150	Vertical	Pass
2	5150.000	58.27	3.22	68.2	-9.93	Peak	121.00	150	Vertical	Pass
2**	5150.000	48.26	3.22	54.0	-5.74	AV	121.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



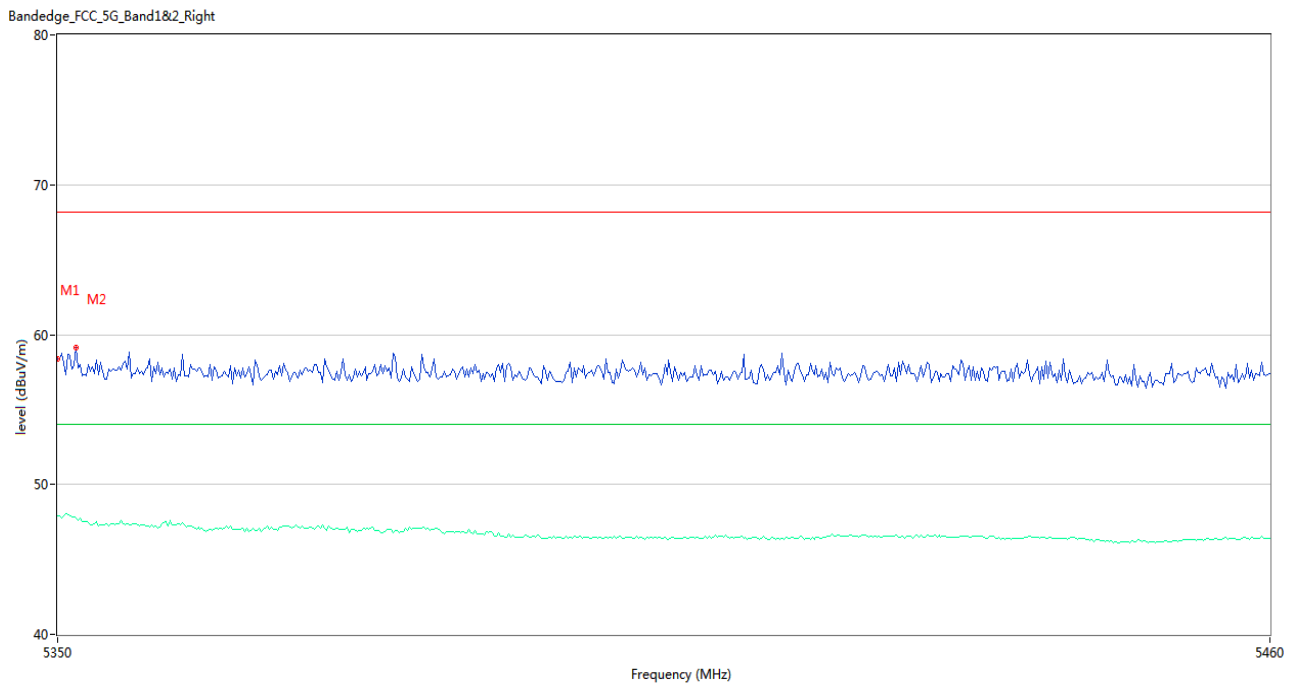
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.47	2.98	68.2	-11.73	Peak	290.00	150	Vertical	Pass
1**	5350.000	45.94	2.98	54.0	-8.06	AV	290.00	150	Vertical	Pass
2	5365.583	58.65	3.37	68.2	-9.55	Peak	52.00	150	Vertical	Pass
2**	5365.583	45.90	3.37	54.0	-8.10	AV	52.00	150	Vertical	Pass

U-NII-2A 11a CH52



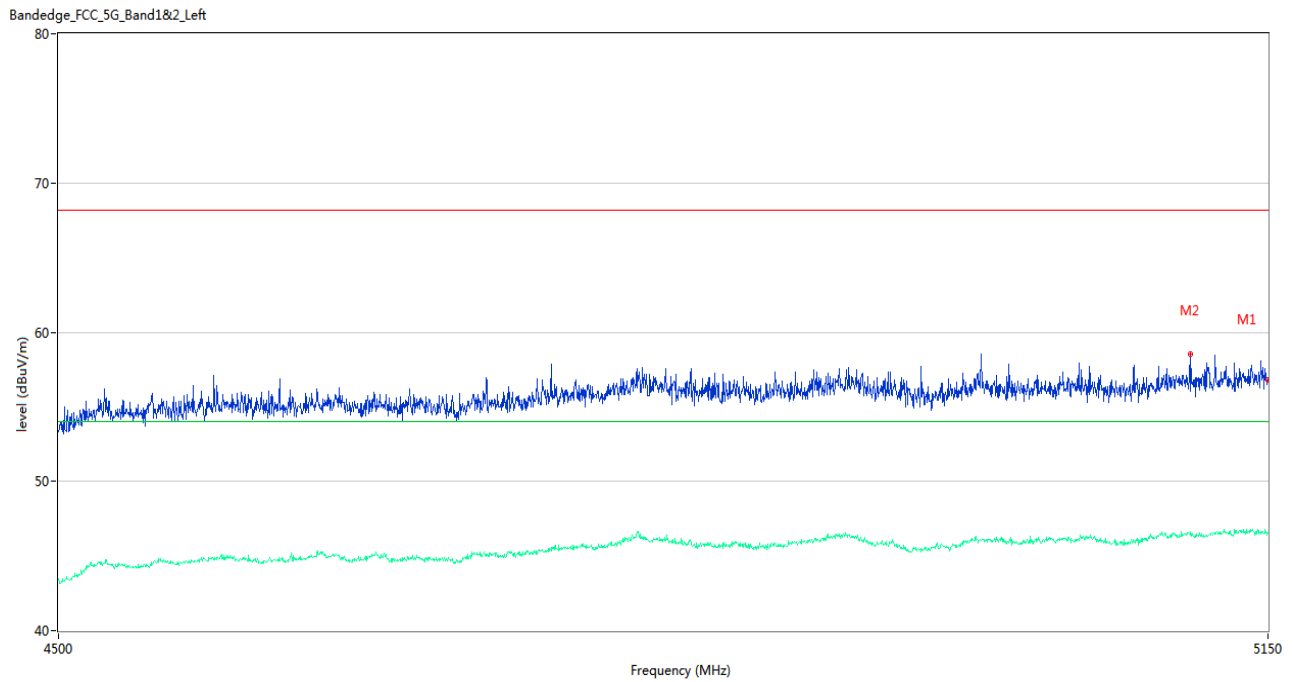
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.64	3.22	68.2	-10.56	Peak	72.00	150	Vertical	Pass
1**	5150.000	46.63	3.22	54.0	-7.37	AV	72.00	150	Vertical	Pass
2	5101.575	58.29	3.50	68.2	-9.91	Peak	15.00	150	Vertical	Pass
2**	5101.575	46.39	3.50	54.0	-7.61	AV	15.00	150	Vertical	Pass

U-NII-2A 11a CH64



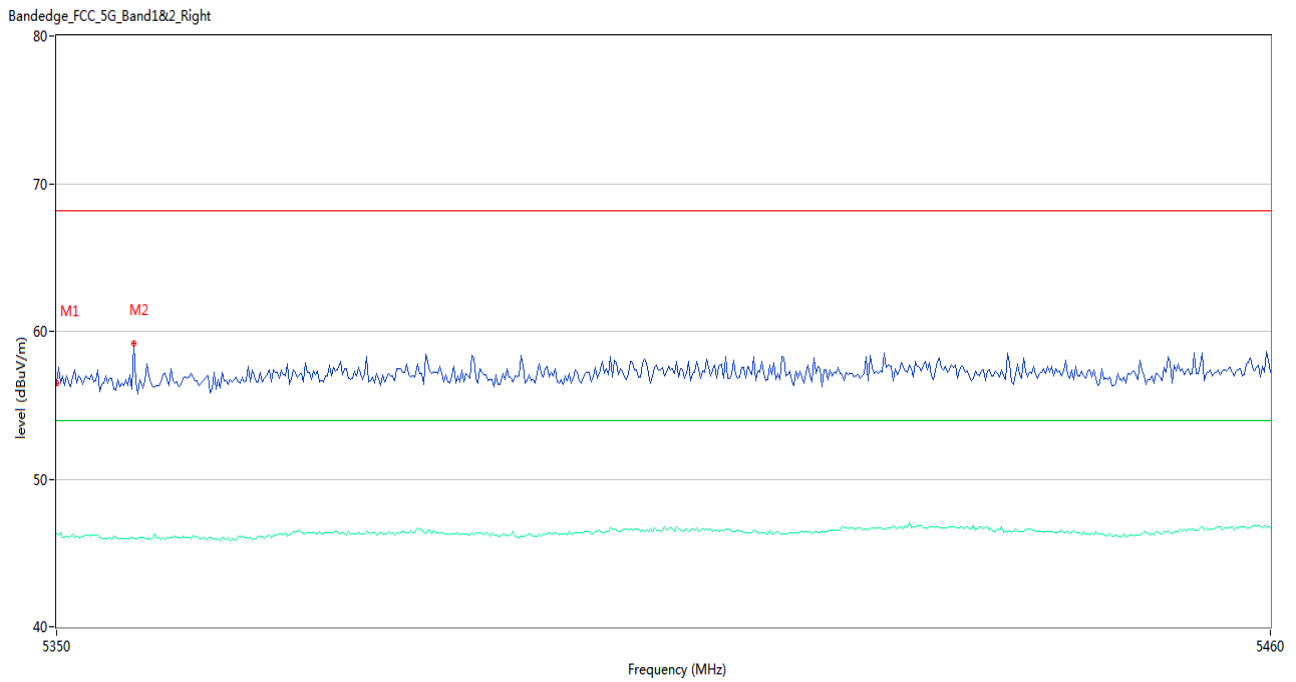
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.35	2.98	68.2	-9.85	Peak	44.00	150	Vertical	Pass
1**	5350.000	47.94	2.98	54.0	-6.06	AV	44.00	150	Vertical	Pass
2	5351.650	59.13	3.00	68.2	-9.07	Peak	30.00	150	Vertical	Pass
2**	5351.650	47.79	3.00	54.0	-6.21	AV	30.00	150	Vertical	Pass

U-NII-2A 11n20 CH52



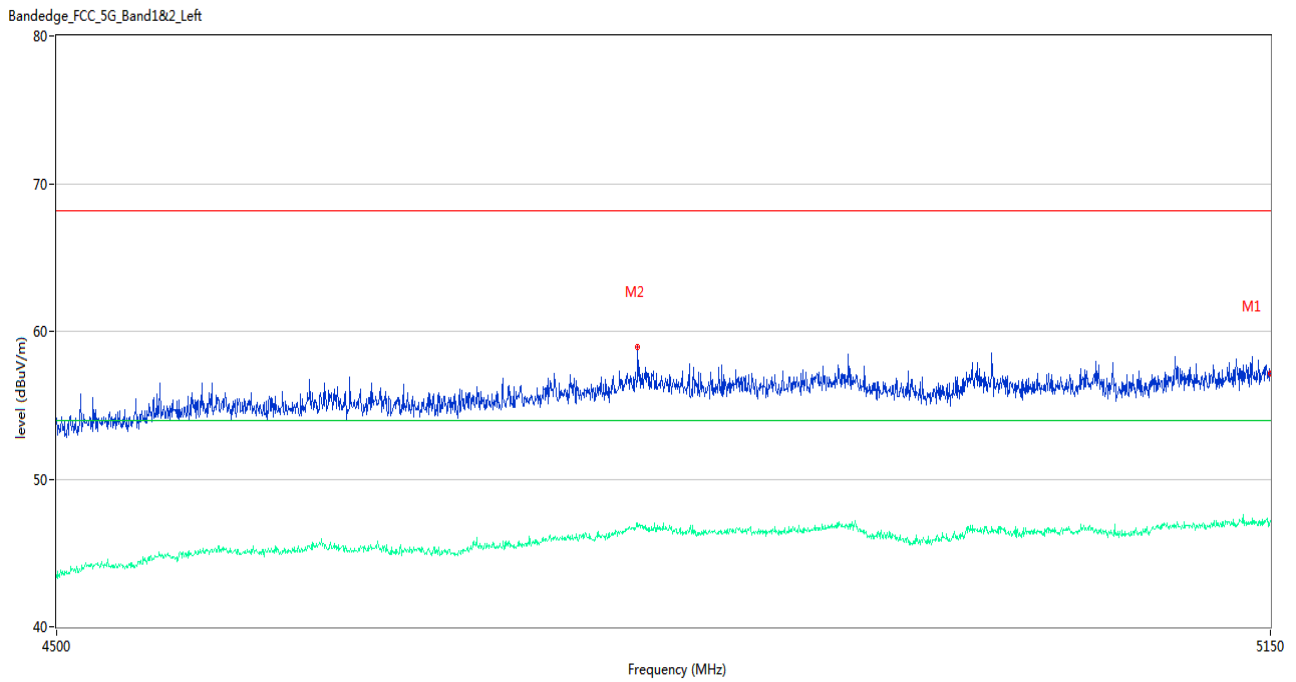
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.83	3.22	68.2	-11.37	Peak	0.00	150	Vertical	Pass
1**	5150.000	46.57	3.22	54.0	-7.43	AV	0.00	150	Vertical	Pass
2	5105.475	58.55	3.60	68.2	-9.65	Peak	274.00	150	Vertical	Pass
2**	5105.475	46.39	3.60	54.0	-7.61	AV	274.00	150	Vertical	Pass

U-NII-2A 11n20 CH64



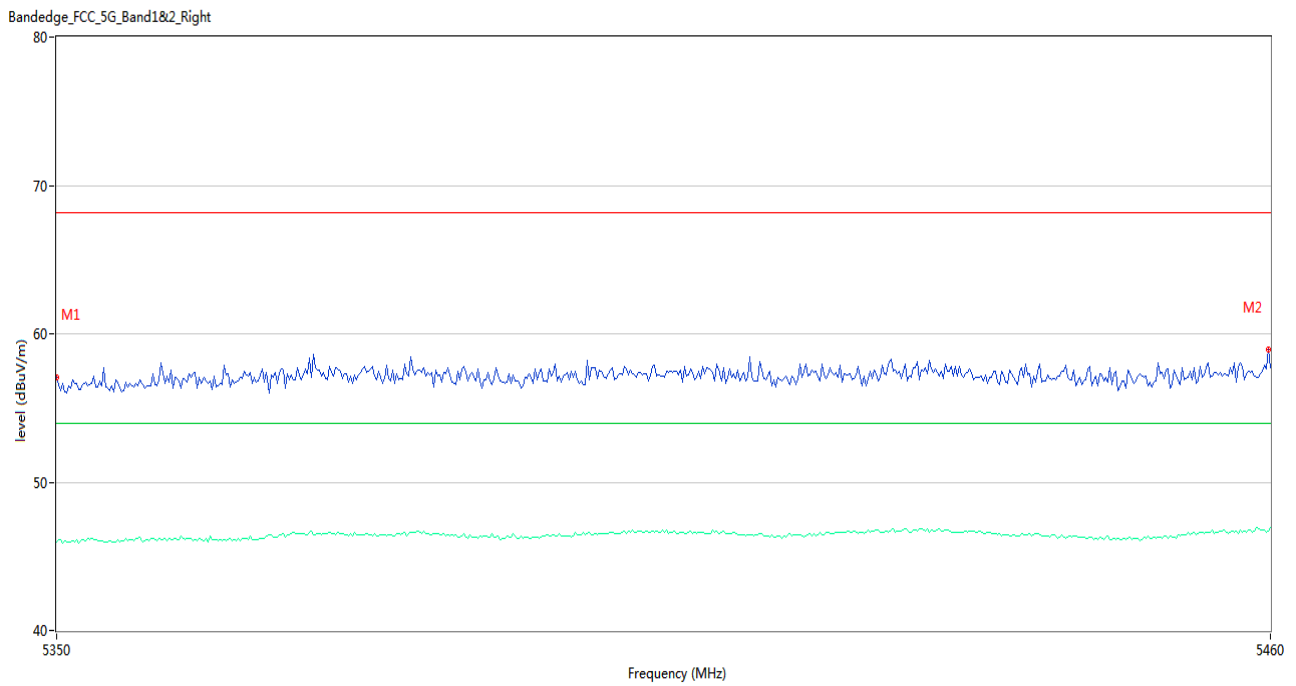
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.48	2.98	68.2	-11.72	Peak	0.00	150	Vertical	Pass
1**	5350.000	46.26	2.98	54.0	-7.74	AV	0.00	150	Vertical	Pass
2	5356.967	59.15	3.27	68.2	-9.05	Peak	247.00	150	Vertical	Pass
2**	5356.967	46.00	3.27	54.0	-8.00	AV	247.00	150	Vertical	Pass

U-NII-2A 11n40 CH54



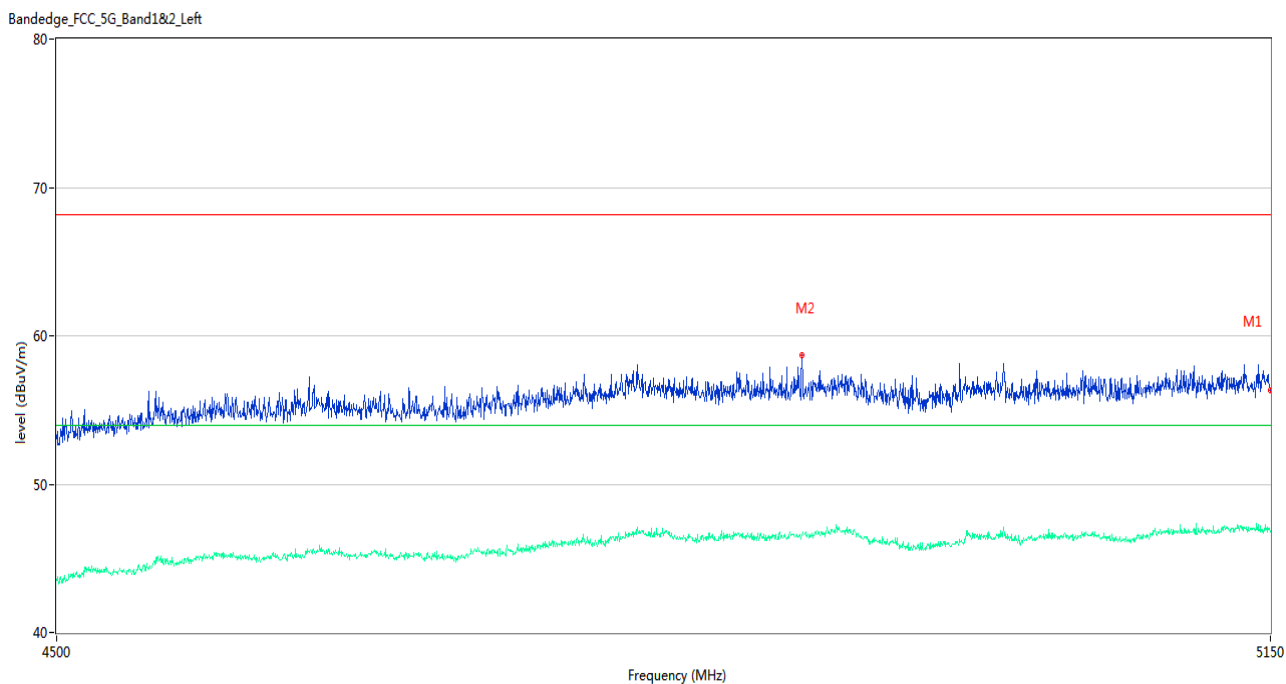
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.12	3.22	68.2	-11.08	Peak	134.00	150	Vertical	Pass
1**	5150.000	47.17	3.22	54.0	-6.83	AV	134.00	150	Vertical	Pass
2	4800.300	58.91	3.45	68.2	-9.29	Peak	2.00	150	Vertical	Pass
2**	4800.300	47.02	3.45	54.0	-6.98	AV	2.00	150	Vertical	Pass

U-NII-2A 11n40 CH62



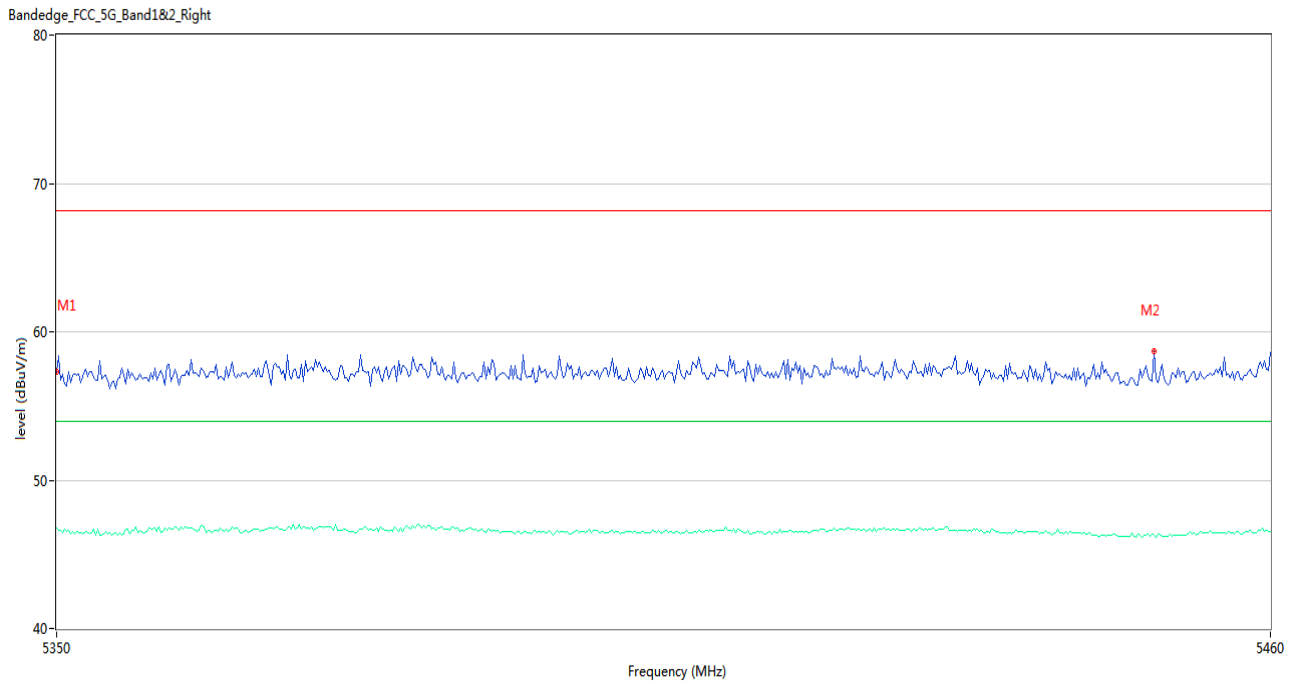
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.08	2.98	68.2	-11.12	Peak	76.00	150	Vertical	Pass
1**	5350.000	45.98	2.98	54.0	-8.02	AV	76.00	150	Vertical	Pass
2	5459.817	58.93	3.80	68.2	-9.27	Peak	36.00	150	Vertical	Pass
2**	5459.817	46.67	3.80	54.0	-7.33	AV	36.00	150	Vertical	Pass

U-NII-2A 11ac20 CH52



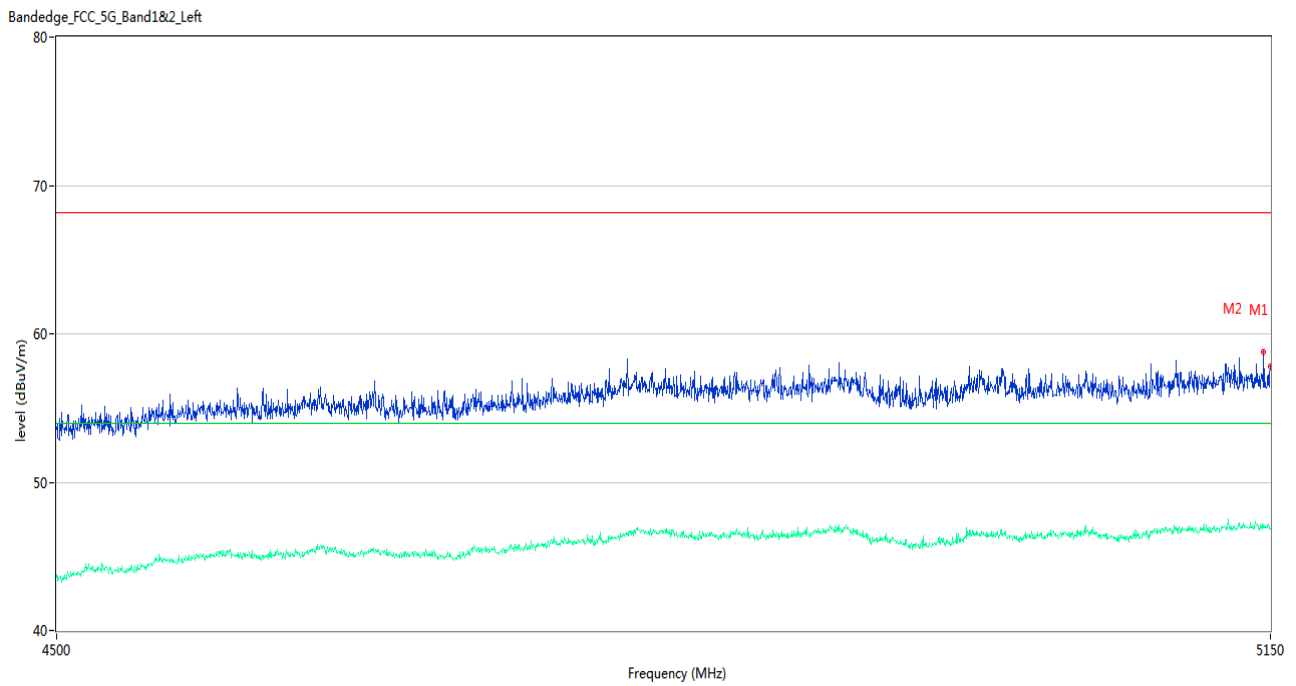
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.35	3.22	68.2	-11.85	Peak	0.00	150	Vertical	Pass
1**	5150.000	46.77	3.22	54.0	-7.23	AV	0.00	150	Vertical	Pass
2	4888.700	58.68	2.72	68.2	-9.52	Peak	11.00	150	Vertical	Pass
2**	4888.700	46.58	2.72	54.0	-7.42	AV	11.00	150	Vertical	Pass

U-NII-2A 11ac20 CH64



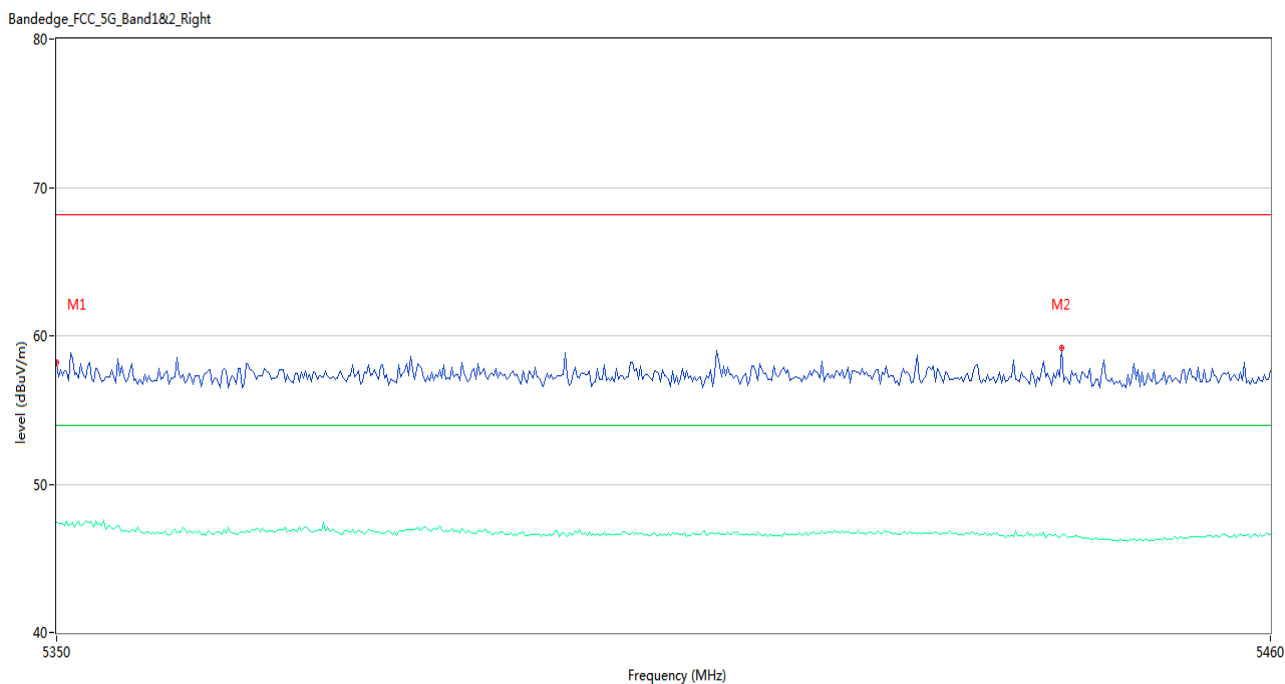
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.28	2.98	68.2	-10.92	Peak	303.00	150	Vertical	Pass
1**	5350.000	46.81	2.98	54.0	-7.19	AV	303.00	150	Vertical	Pass
2	5449.367	58.66	3.66	68.2	-9.54	Peak	314.00	150	Vertical	Pass
2**	5449.367	46.30	3.66	54.0	-7.70	AV	314.00	150	Vertical	Pass

U-NII-2A 11ac40 CH54



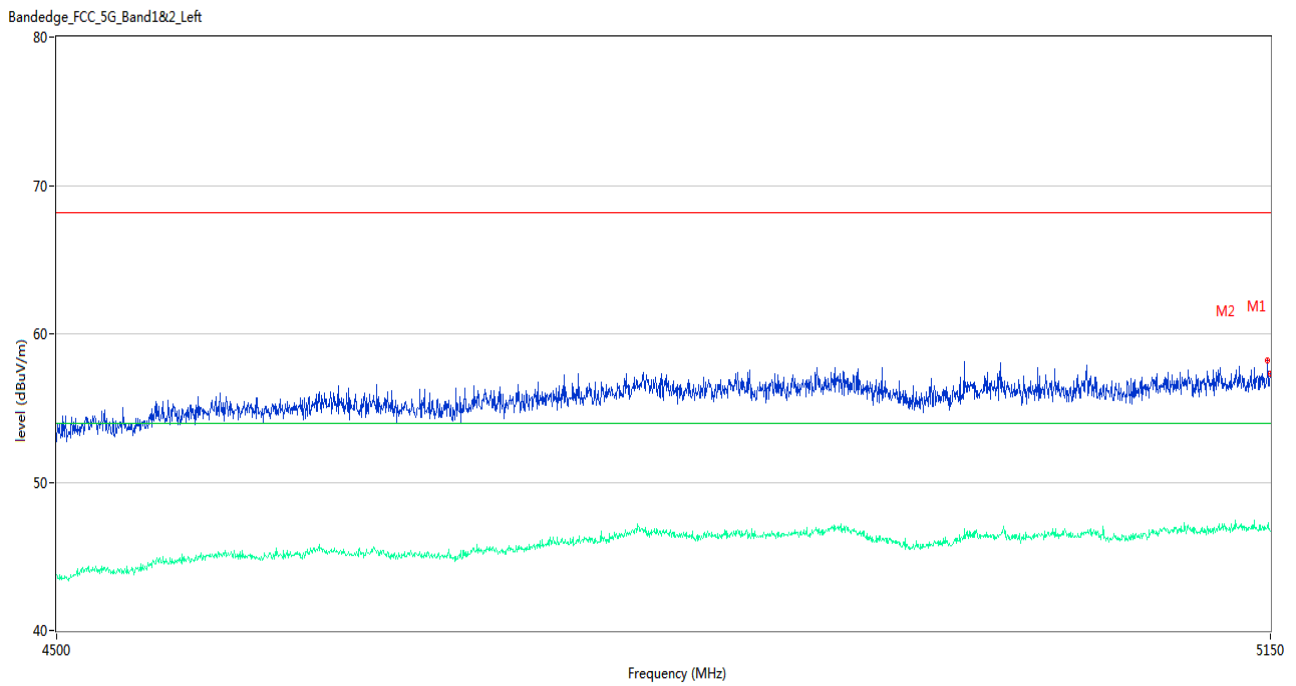
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.78	3.22	68.2	-10.42	Peak	210.00	150	Vertical	Pass
1**	5150.000	46.90	3.22	54.0	-7.10	AV	210.00	150	Vertical	Pass
2	5146.100	58.77	3.39	68.2	-9.43	Peak	324.00	150	Vertical	Pass
2**	5146.100	47.10	3.39	54.0	-6.90	AV	324.00	150	Vertical	Pass

U-NII-2A 11ac40 CH62



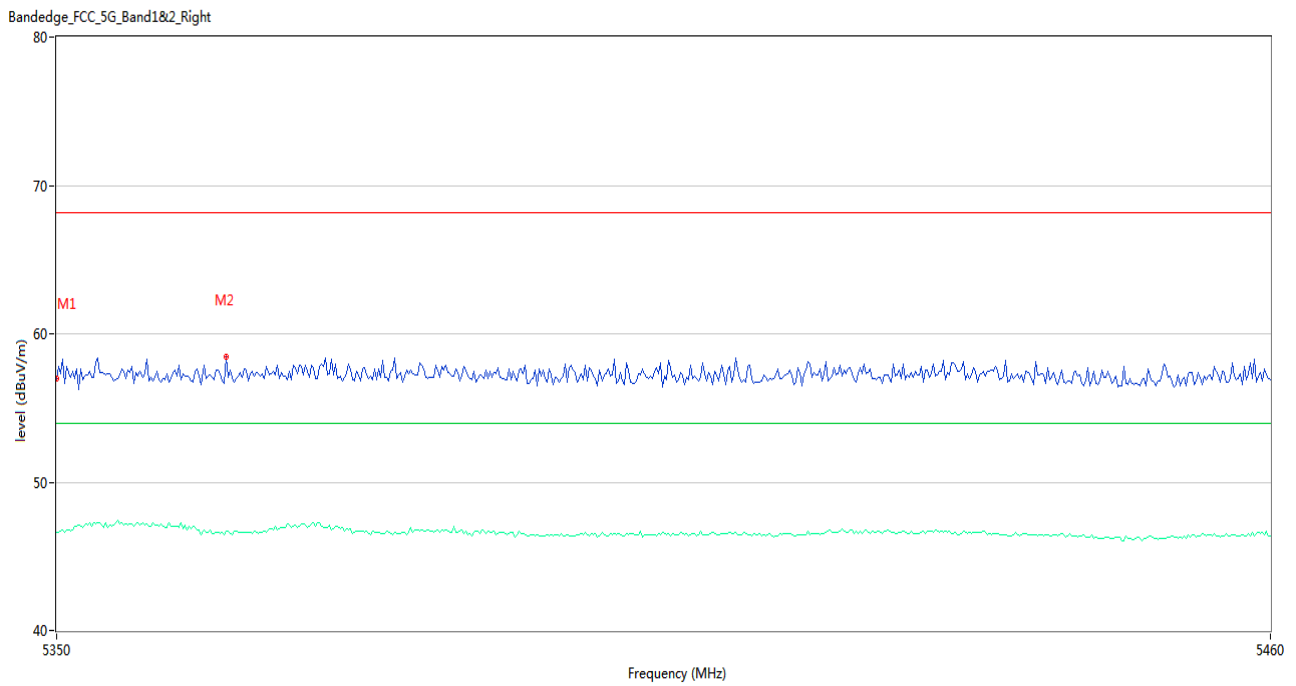
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.18	2.98	68.2	-10.02	Peak	26.00	150	Vertical	Pass
1**	5350.000	47.45	2.98	54.0	-6.55	AV	26.00	150	Vertical	Pass
2	5440.933	59.18	3.61	68.2	-9.02	Peak	24.00	150	Vertical	Pass
2**	5440.933	46.52	3.61	54.0	-7.48	AV	24.00	150	Vertical	Pass

U-NII-2A 11ac80 CH58



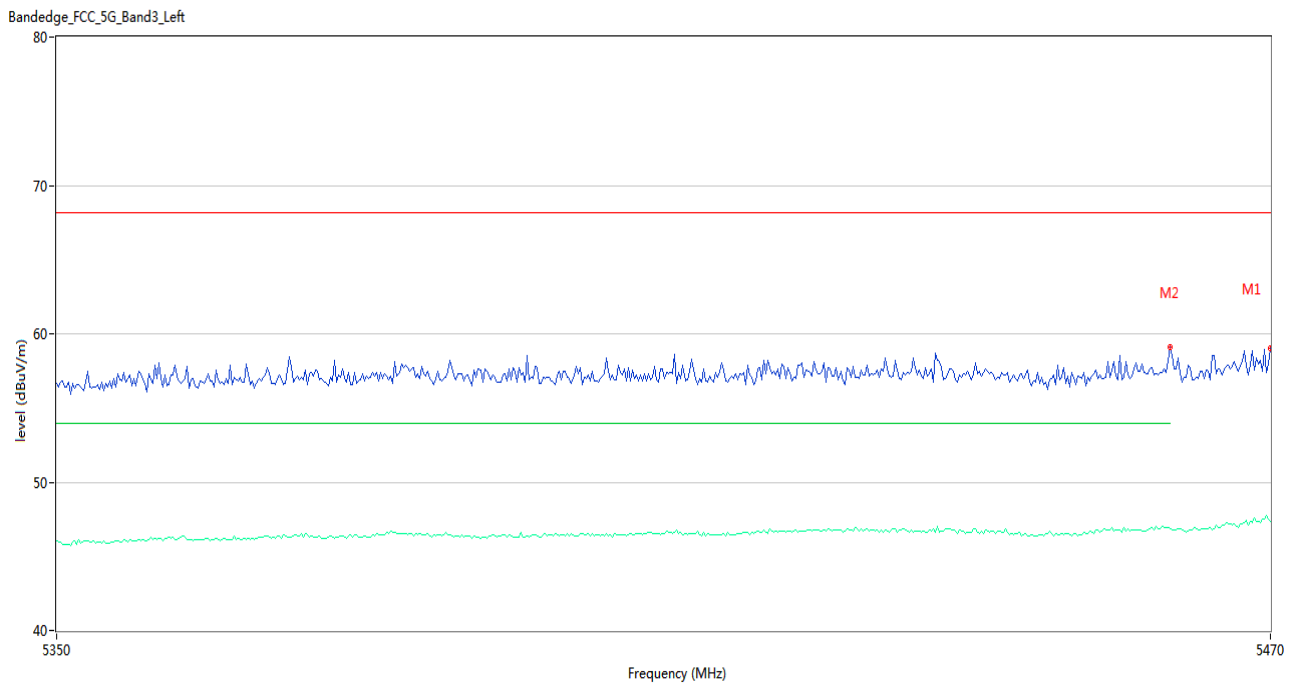
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.27	3.22	68.2	-10.93	Peak	11.00	150	Vertical	Pass
1**	5150.000	46.68	3.22	54.0	-7.32	AV	11.00	150	Vertical	Pass
2	5148.375	58.17	3.35	68.2	-10.03	Peak	33.00	150	Vertical	Pass
2**	5148.375	46.90	3.35	54.0	-7.10	AV	33.00	150	Vertical	Pass

U-NII-2A 11ac80 CH58



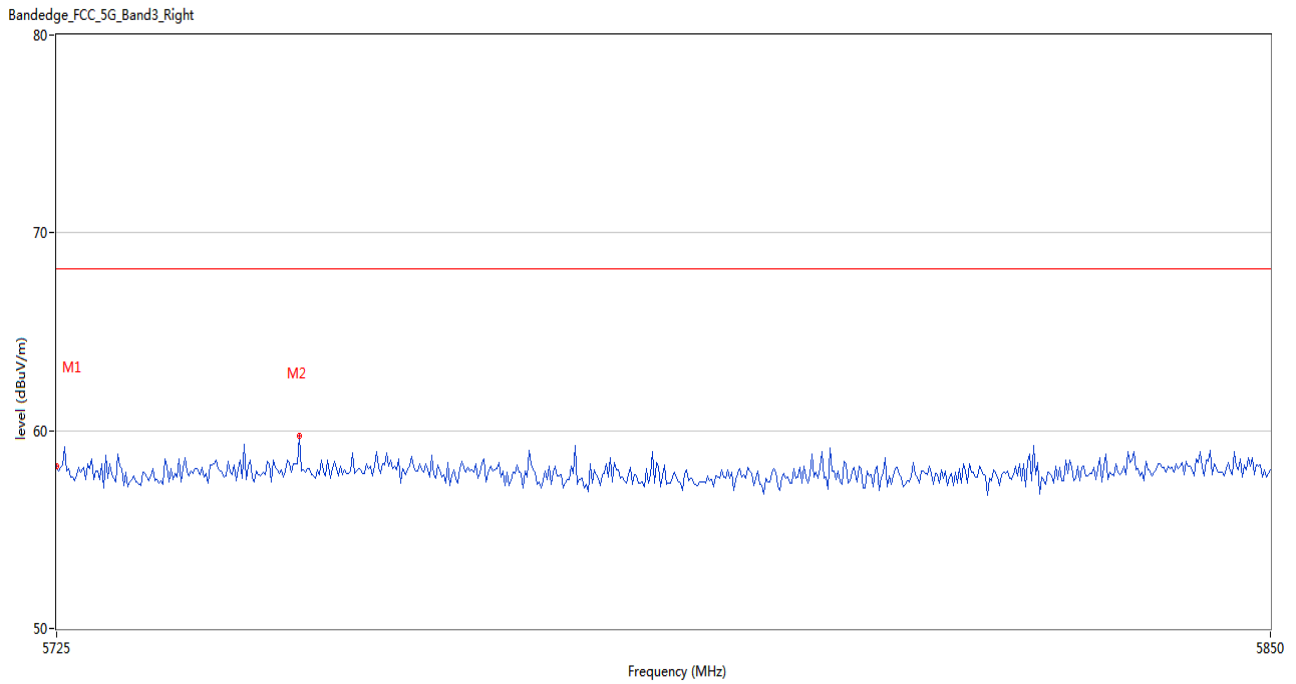
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.00	2.98	68.2	-11.20	Peak	200.00	150	Vertical	Pass
1**	5350.000	46.65	2.98	54.0	-7.35	AV	200.00	150	Vertical	Pass
2	5365.217	58.42	3.37	68.2	-9.78	Peak	164.00	150	Vertical	Pass
2**	5365.217	46.65	3.37	54.0	-7.35	AV	164.00	150	Vertical	Pass

U-NII-2C 11a CH100



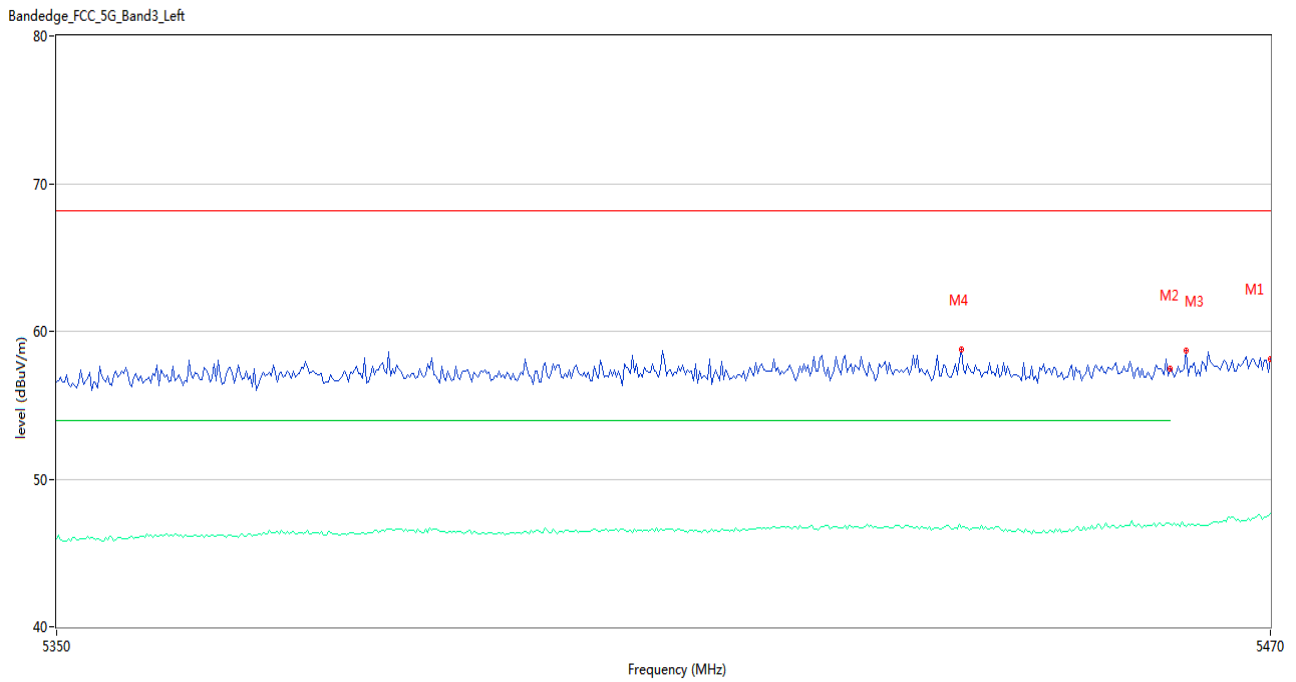
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.01	3.88	68.2	-9.19	Peak	165.00	150	Vertical	Pass
1**	5470.000	47.36	3.88	--	47.36	AV	165.00	150	Vertical	N/A
2	5460.000	59.07	3.79	68.2	-9.13	Peak	22.00	150	Vertical	Pass
2**	5460.000	46.86	3.79	54.0	-7.14	AV	22.00	150	Vertical	Pass

U-NII-2C 11a CH140



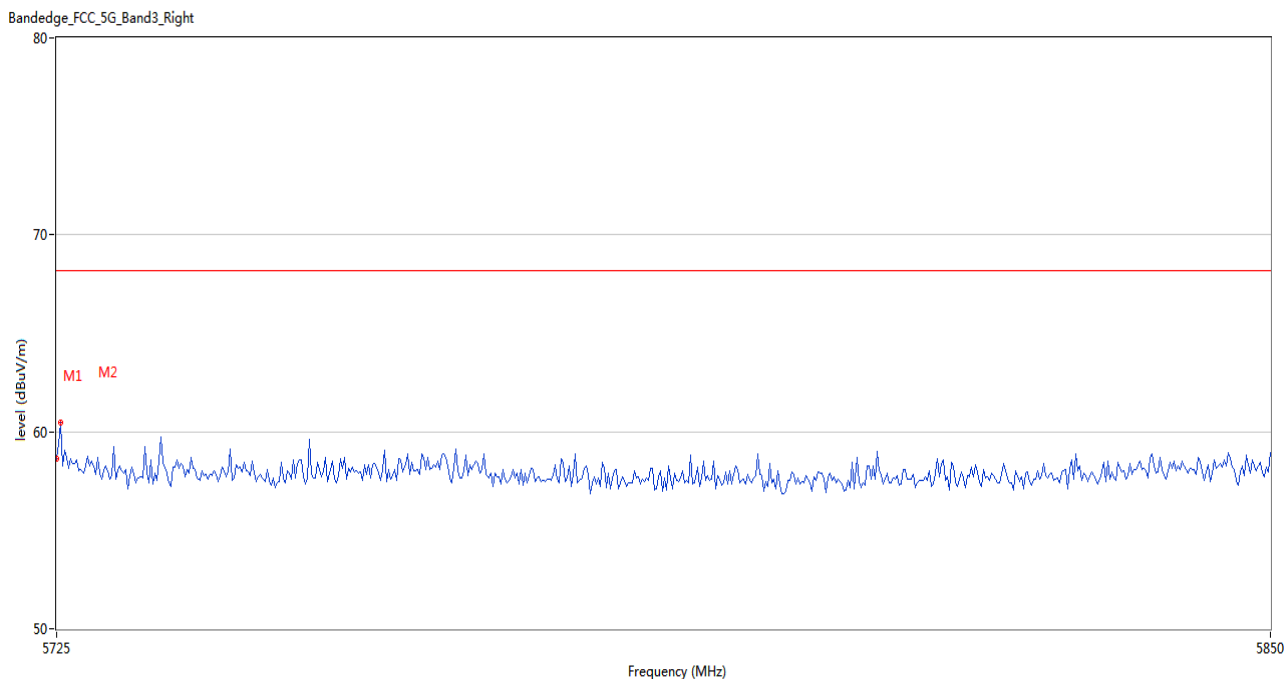
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.18	3.78	68.2	-10.02	Peak	168.00	150	Vertical	Pass
2	5749.792	59.72	3.84	68.2	-8.48	Peak	328.00	150	Vertical	Pass

U-NII-2C 11n20 CH100



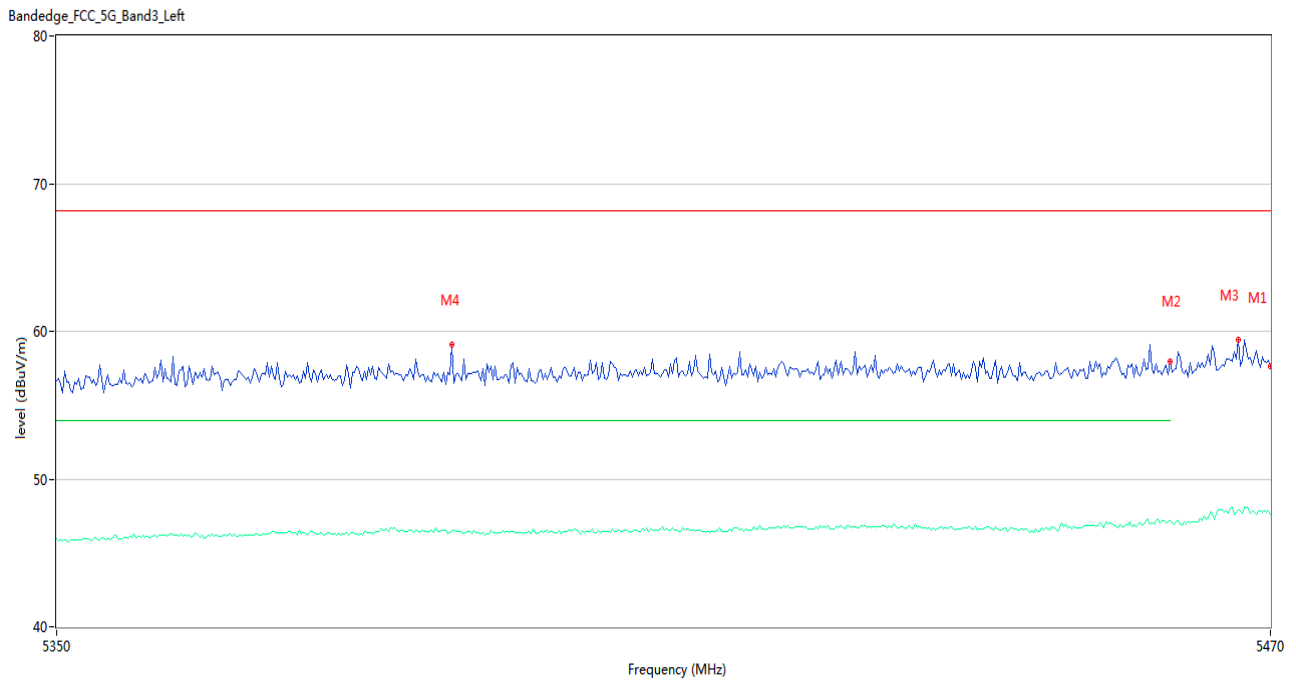
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	58.15	3.88	68.2	-10.05	Peak	344.00	150	Vertical	Pass
1**	5470.000	47.69	3.88	--	47.69	AV	344.00	150	Vertical	N/A
2	5460.000	57.46	3.79	68.2	-10.74	Peak	340.00	150	Vertical	Pass
2**	5460.000	46.97	3.79	54.0	-7.03	AV	340.00	150	Vertical	Pass
3	5461.600	58.73	3.67	68.2	-9.47	Peak	1.00	150	Vertical	Pass
3**	5461.600	46.77	3.67	--	46.77	AV	1.00	150	Vertical	N/A
4	5439.200	58.77	3.56	68.2	-9.43	Peak	38.00	150	Vertical	Pass
4**	5439.200	46.66	3.56	54.0	-7.34	AV	38.00	150	Vertical	Pass

U-NII-2C 11n20 CH140



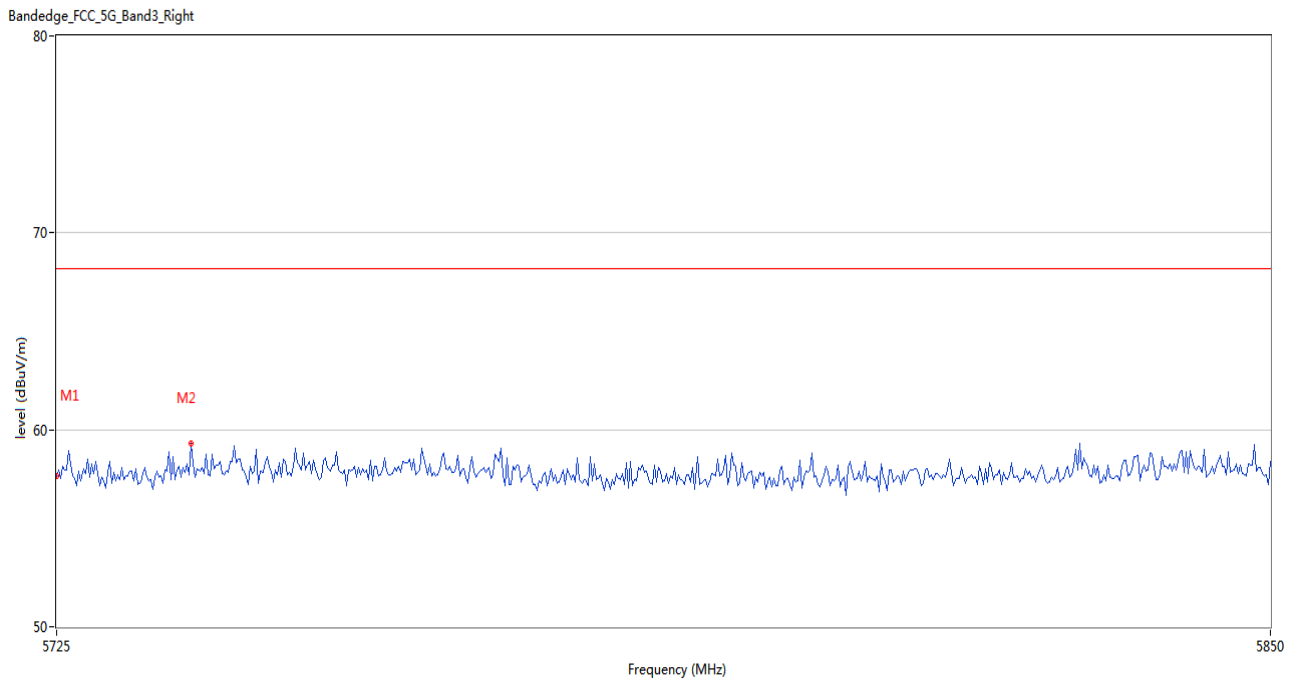
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.63	3.78	68.2	-9.57	Peak	195.00	150	Vertical	Pass
2	5725.416	60.44	3.75	68.2	-7.76	Peak	30.00	150	Vertical	Pass

U-NII-2C 11n40 CH102



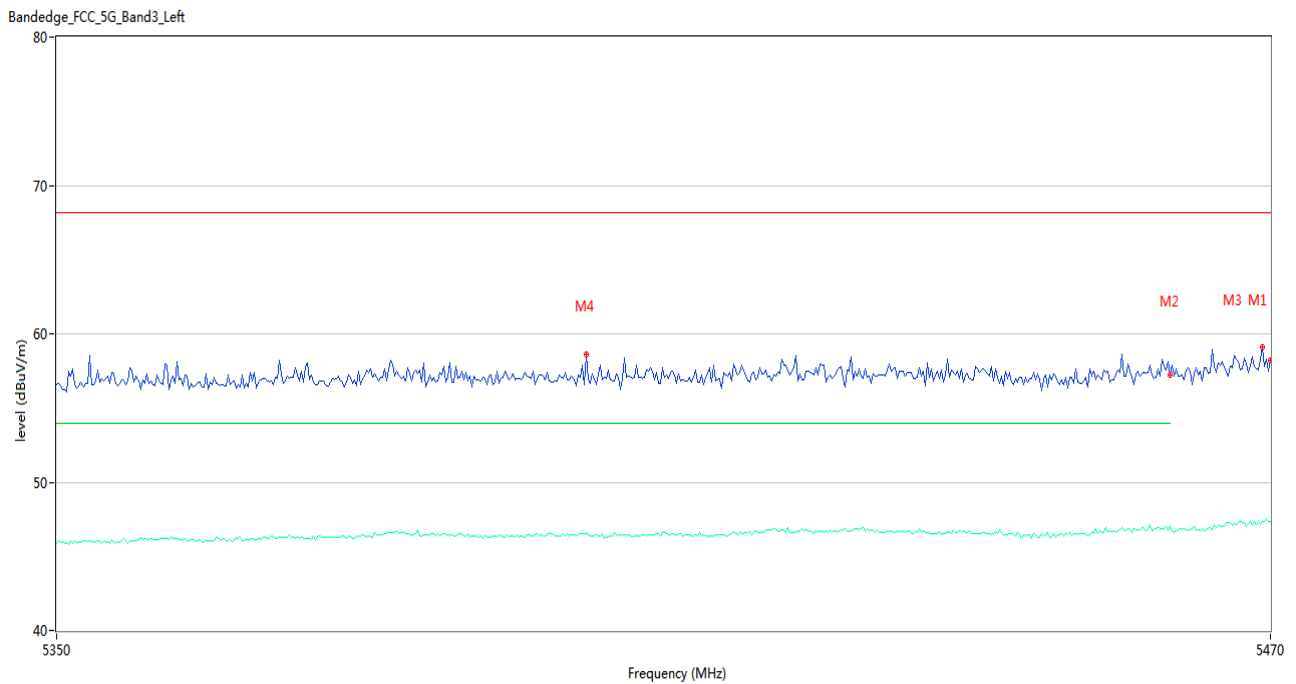
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	57.64	3.88	68.2	-10.56	Peak	173.00	150	Vertical	Pass
1**	5470.000	47.57	3.88	--	47.57	AV	173.00	150	Vertical	N/A
2	5460.000	57.95	3.79	68.2	-10.25	Peak	164.00	150	Vertical	Pass
2**	5460.000	47.20	3.79	54.0	-6.80	AV	164.00	150	Vertical	Pass
3	5466.800	59.43	3.89	68.2	-8.77	Peak	77.00	150	Vertical	Pass
3**	5466.800	47.93	3.89	--	47.93	AV	77.00	150	Vertical	N/A
4	5388.800	59.11	3.40	68.2	-9.09	Peak	240.00	150	Vertical	Pass
4**	5388.800	46.43	3.40	54.0	-7.57	AV	240.00	150	Vertical	Pass

U-NII-2C 11n40 CH134



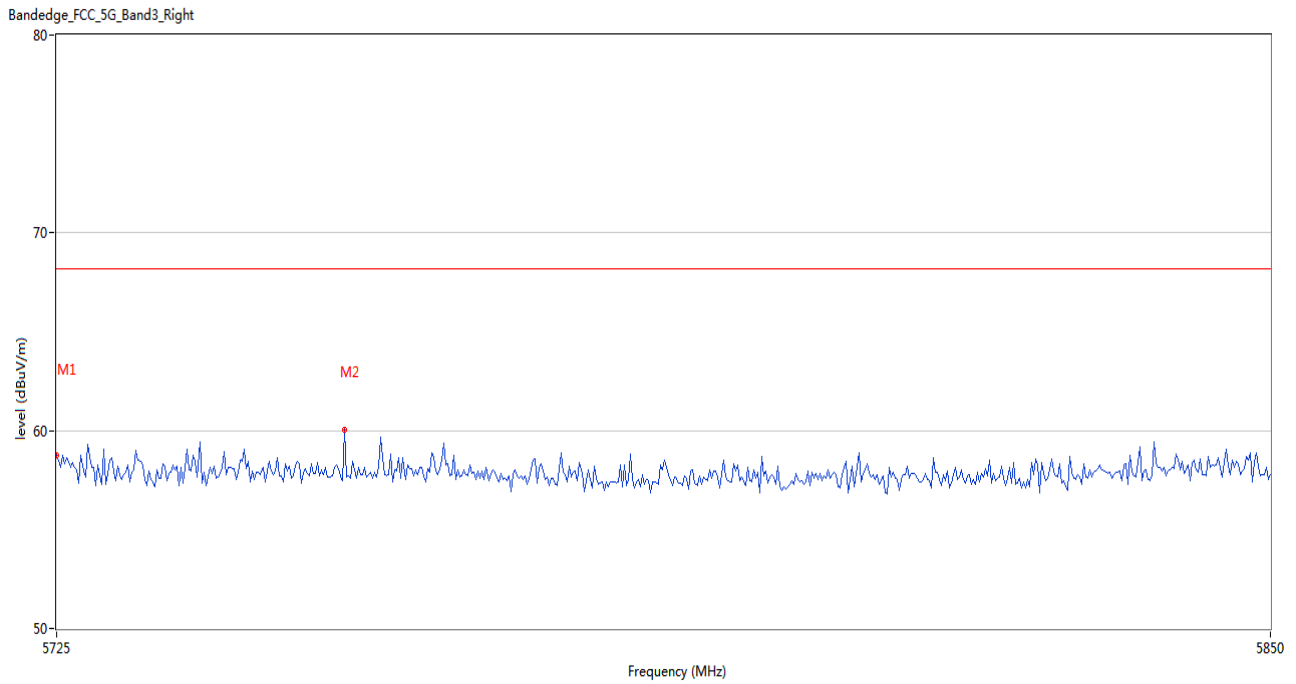
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.64	3.78	68.2	-10.56	Peak	291.00	150	Vertical	Pass
2	5738.750	59.29	3.68	68.2	-8.91	Peak	166.00	150	Vertical	Pass

U-NII-2C 11ac20 CH100



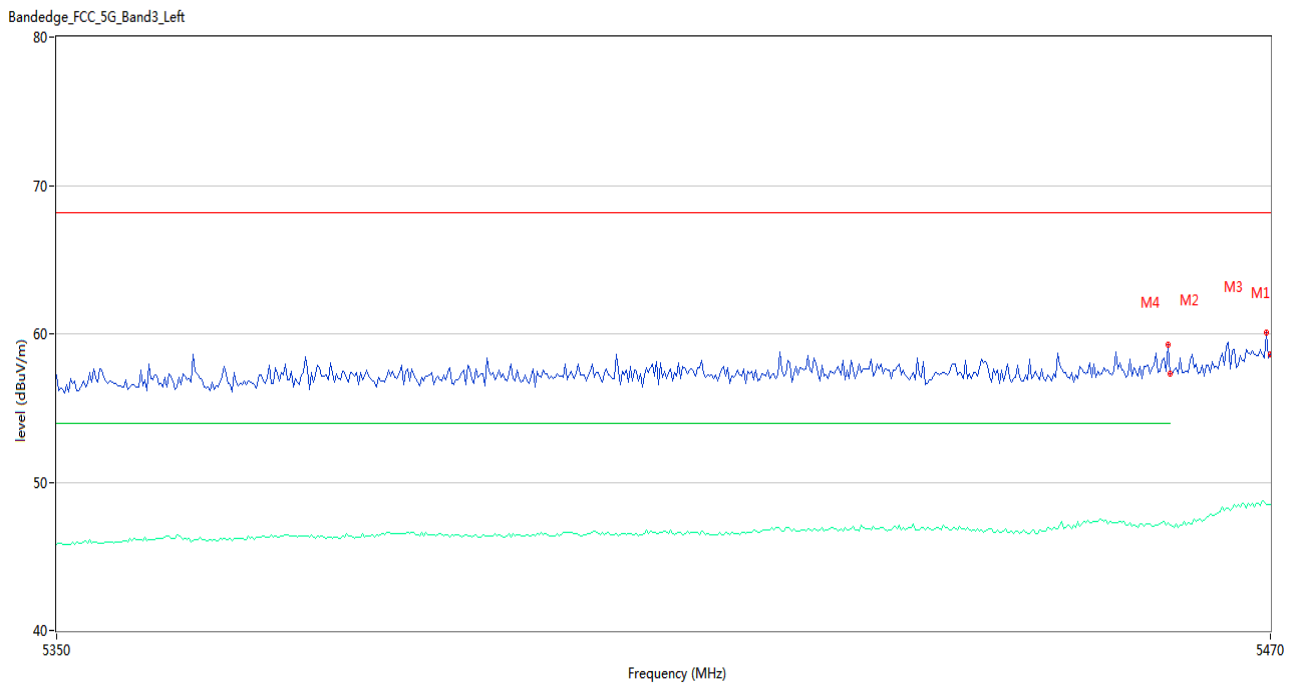
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	58.21	3.88	68.2	-9.99	Peak	49.00	150	Vertical	Pass
1**	5470.000	47.34	3.88	--	47.34	AV	49.00	150	Vertical	N/A
2	5460.000	57.19	3.79	68.2	-11.01	Peak	340.00	150	Vertical	Pass
2**	5460.000	46.99	3.79	54.0	-7.01	AV	340.00	150	Vertical	Pass
3	5469.200	59.11	3.89	68.2	-9.09	Peak	306.00	150	Vertical	Pass
3**	5469.200	47.38	3.89	--	47.38	AV	306.00	150	Vertical	N/A
4	5402.000	58.59	3.35	68.2	-9.61	Peak	137.00	150	Vertical	Pass
4**	5402.000	46.50	3.35	54.0	-7.50	AV	137.00	150	Vertical	Pass

U-NII-2C 11ac20 CH140



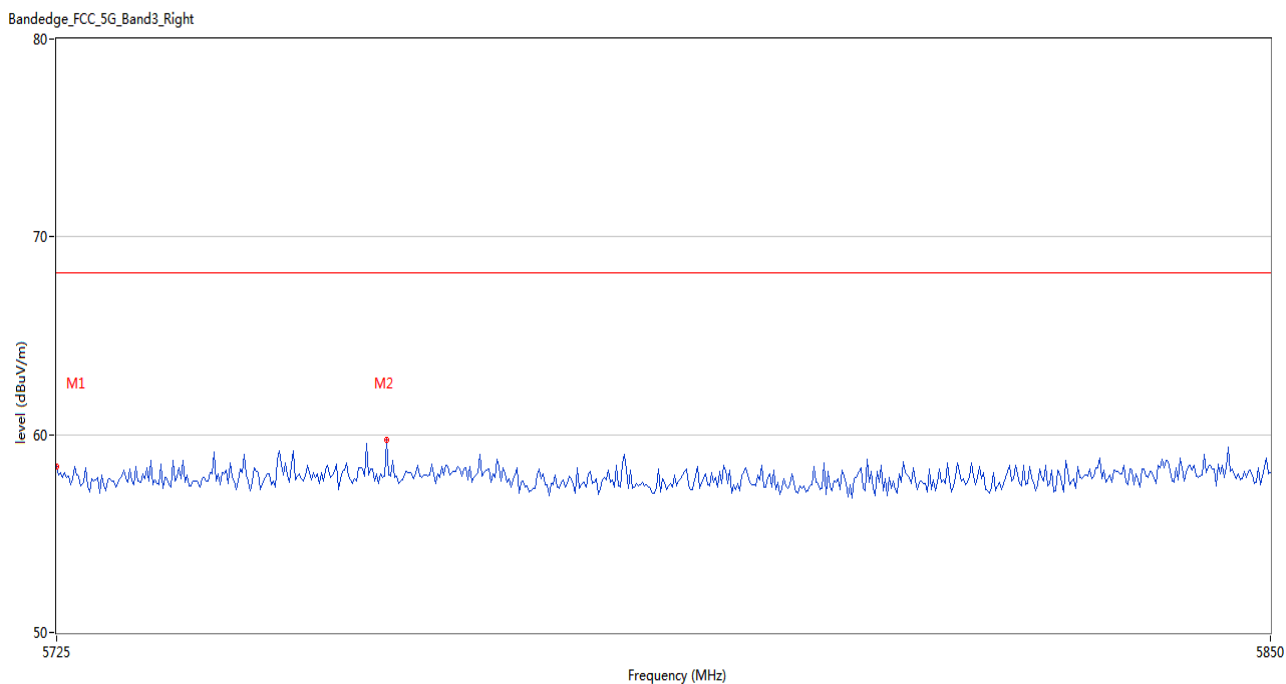
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.78	3.78	68.2	-9.42	Peak	22.00	150	Vertical	Pass
2	5754.375	60.03	3.93	68.2	-8.17	Peak	242.00	150	Vertical	Pass

U-NII-2C 11ac40 CH102



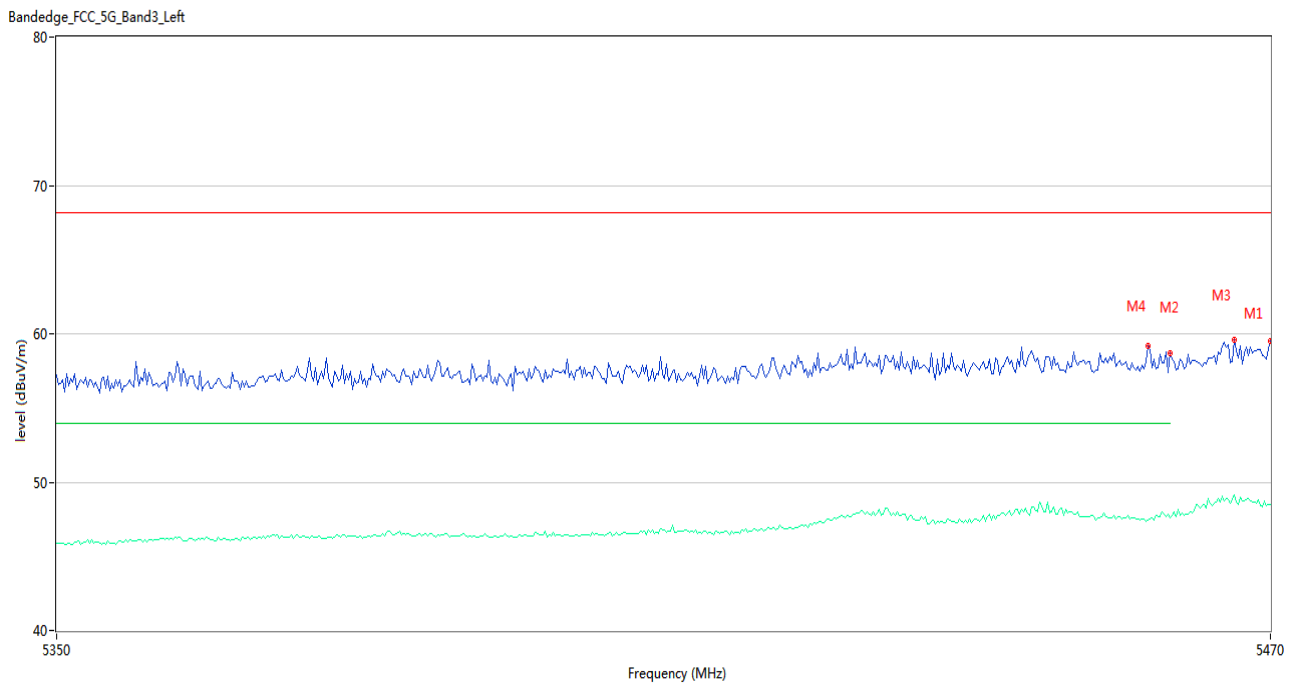
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	58.62	3.88	68.2	-9.58	Peak	173.00	150	Vertical	Pass
1**	5470.000	48.49	3.88	--	48.49	AV	173.00	150	Vertical	N/A
2	5460.000	57.27	3.79	68.2	-10.93	Peak	106.00	150	Vertical	Pass
2**	5460.000	47.13	3.79	54.0	-6.87	AV	106.00	150	Vertical	Pass
3	5469.600	60.12	3.88	68.2	-8.08	Peak	15.00	150	Vertical	Pass
3**	5469.600	48.47	3.88	--	48.47	AV	15.00	150	Vertical	N/A
4	5459.800	59.25	3.80	68.2	-8.95	Peak	24.00	150	Vertical	Pass
4**	5459.800	47.28	3.80	54.0	-6.72	AV	24.00	150	Vertical	Pass

U-NII-2C 11ac40 CH134



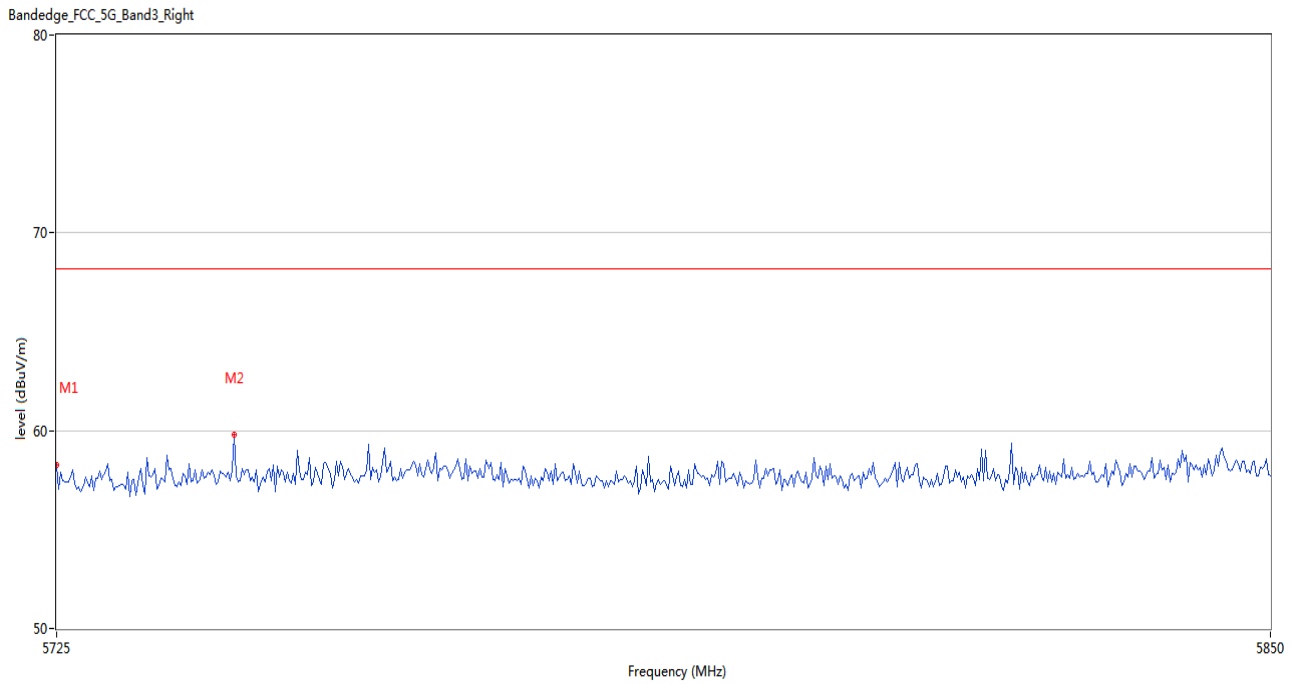
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.36	3.78	68.2	-9.84	Peak	26.00	150	Vertical	Pass
2	5758.750	59.72	4.04	68.2	-8.48	Peak	65.00	150	Vertical	Pass

U-NII-2C 11ac80 CH106



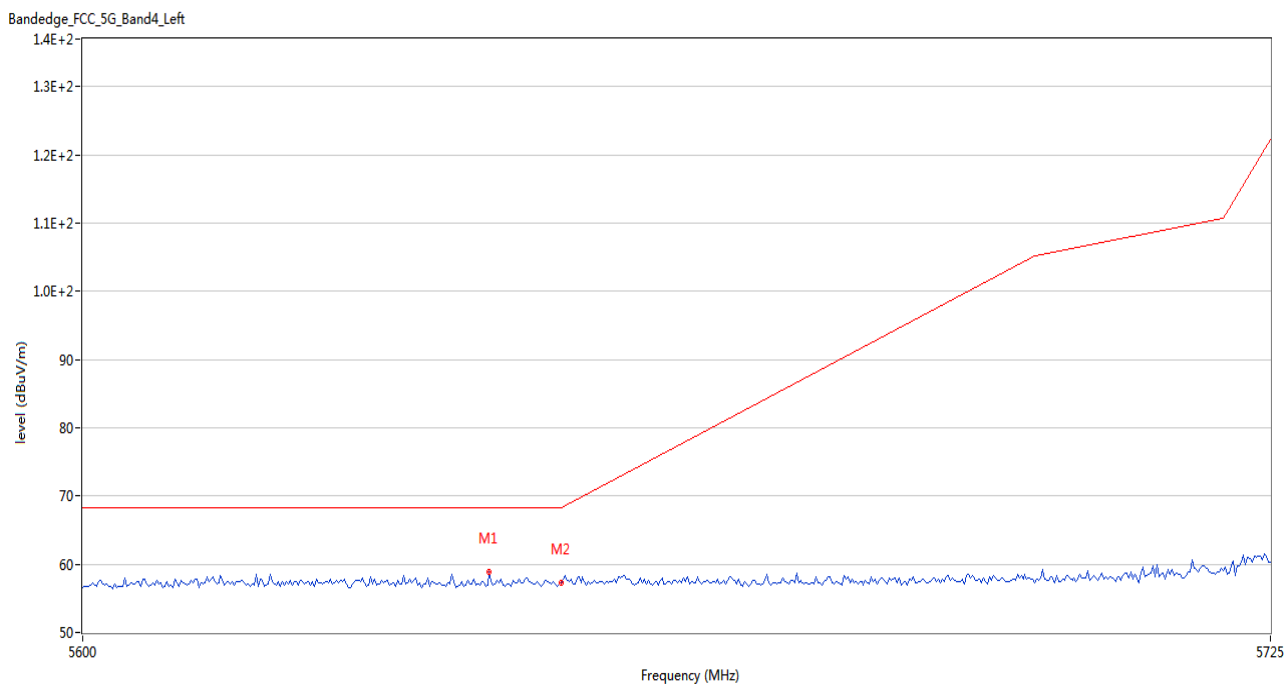
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.48	3.88	68.2	-8.72	Peak	14.00	150	Vertical	Pass
1**	5470.000	48.49	3.88	--	48.49	AV	14.00	150	Vertical	N/A
2	5460.000	58.68	3.79	68.2	-9.52	Peak	194.00	150	Vertical	Pass
2**	5460.000	47.62	3.79	54.0	-6.38	AV	194.00	150	Vertical	Pass
3	5466.400	59.63	3.88	68.2	-8.57	Peak	161.00	150	Vertical	Pass
3**	5466.400	49.11	3.88	--	49.11	AV	161.00	150	Vertical	N/A
4	5457.800	59.20	3.81	68.2	-9.00	Peak	0.00	150	Vertical	Pass
4**	5457.800	47.40	3.81	54.0	-6.60	AV	0.00	150	Vertical	Pass

U-NII-2C 11ac80 CH122



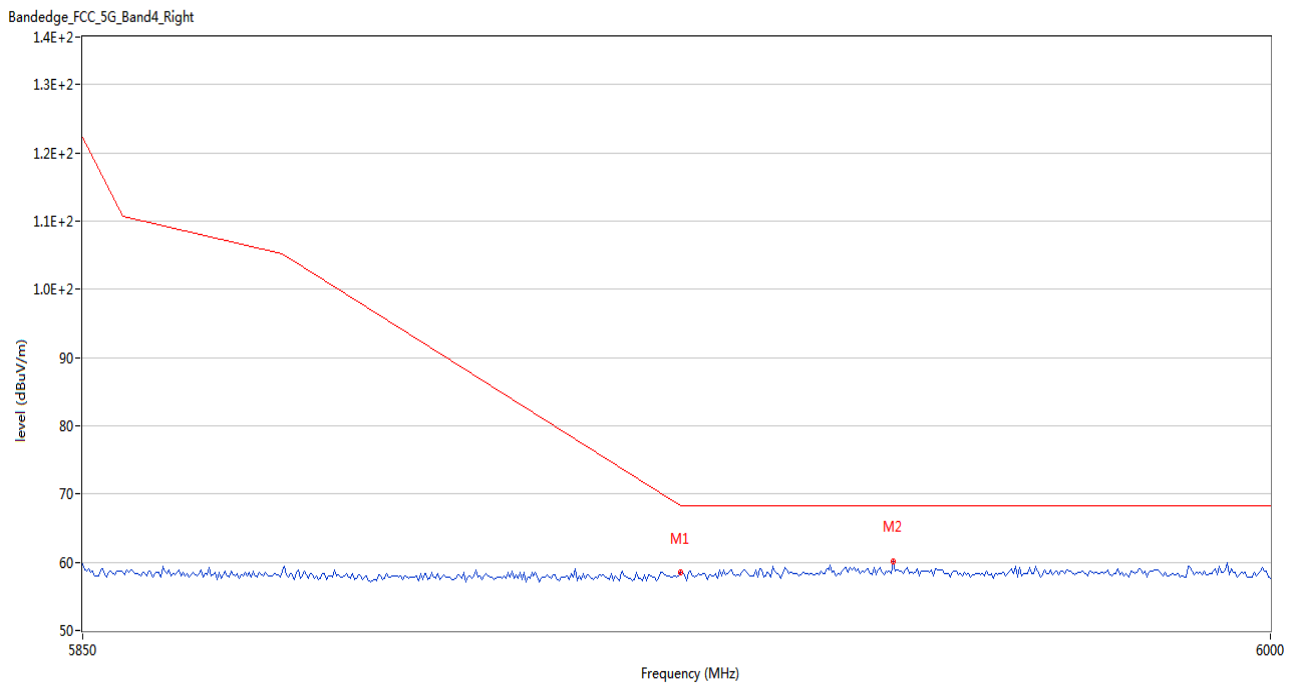
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.29	3.78	68.2	-9.91	Peak	19.00	150	Vertical	Pass
2	5743.125	59.79	3.73	68.2	-8.41	Peak	315.00	150	Vertical	Pass

U-NII-3 11a CH149



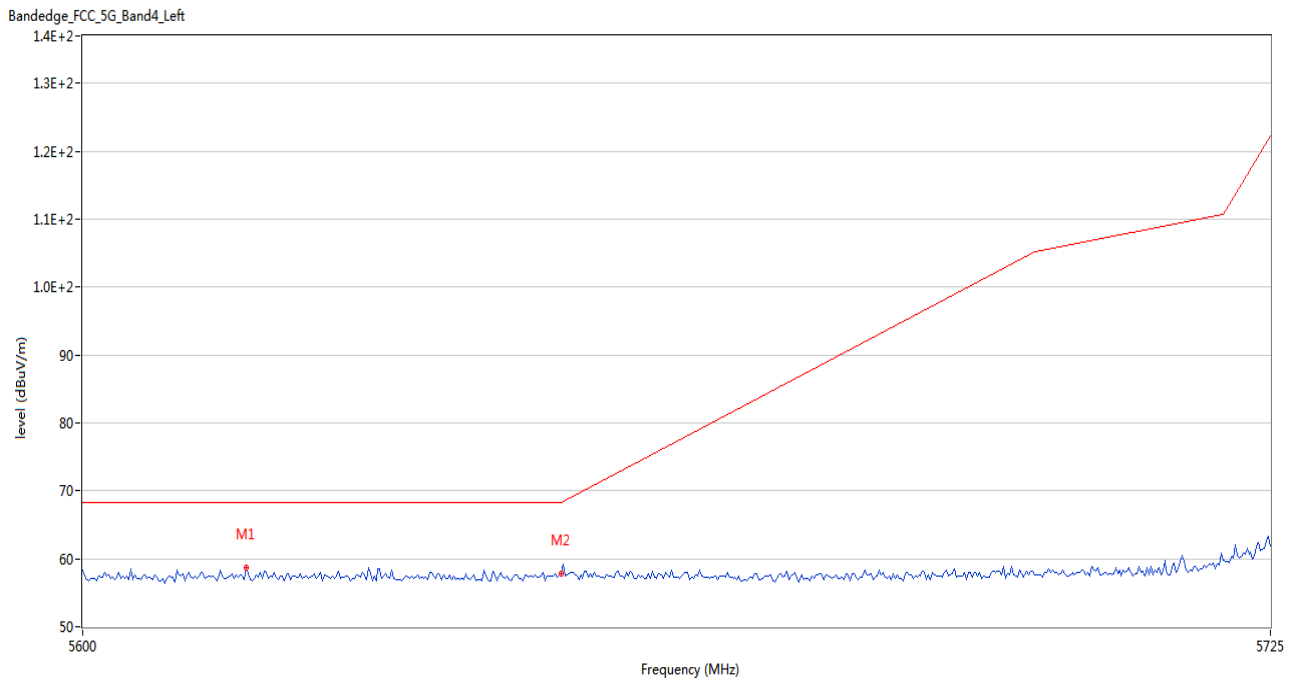
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.500	58.84	3.39	68.2	-9.36	Peak	247.00	150	Vertical	Pass
2	5650.000	57.21	3.60	68.2	-10.99	Peak	358.00	150	Vertical	Pass

U-NII-3 11a CH165



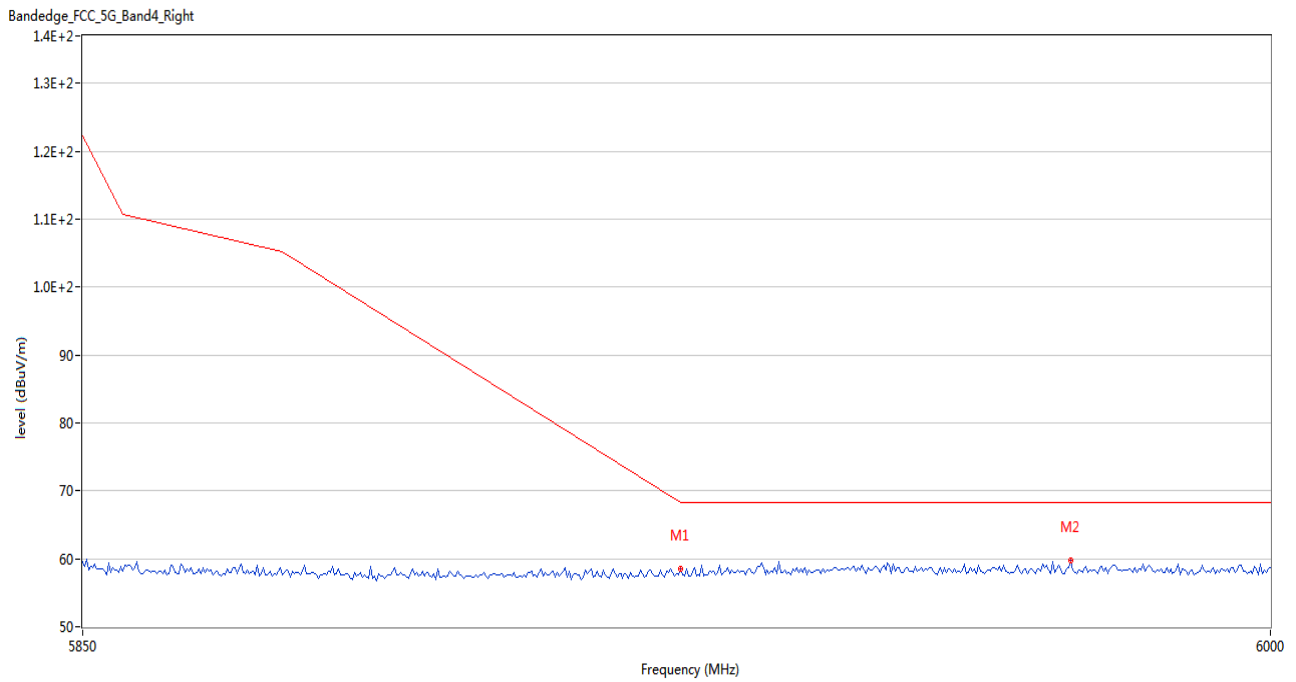
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.58	3.43	68.2	-9.62	Peak	98.00	150	Vertical	Pass
2	5952.000	60.19	4.71	68.2	-8.01	Peak	308.00	150	Vertical	Pass

U-NII-3 11n20 CH149



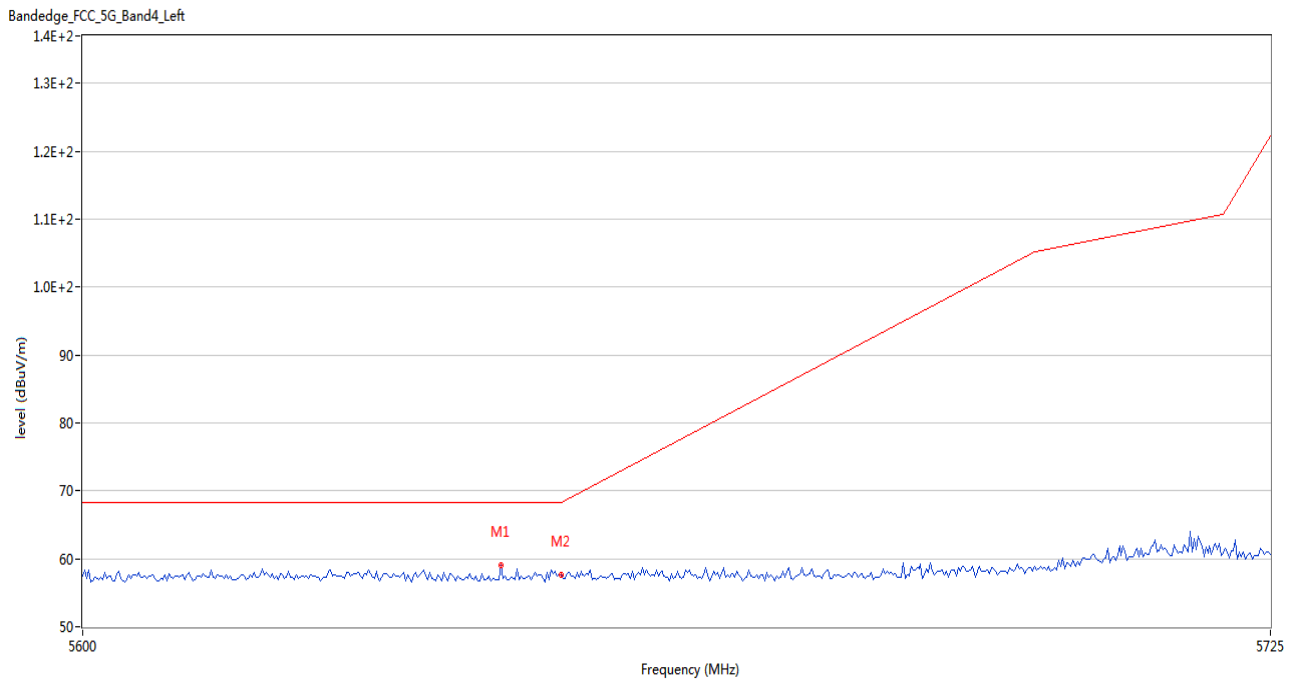
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5617.083	58.66	3.38	68.2	-9.54	Peak	279.00	150	Vertical	Pass
2	5650.000	57.83	3.60	68.2	-10.37	Peak	66.00	150	Vertical	Pass

U-NII-3 11n20 CH165



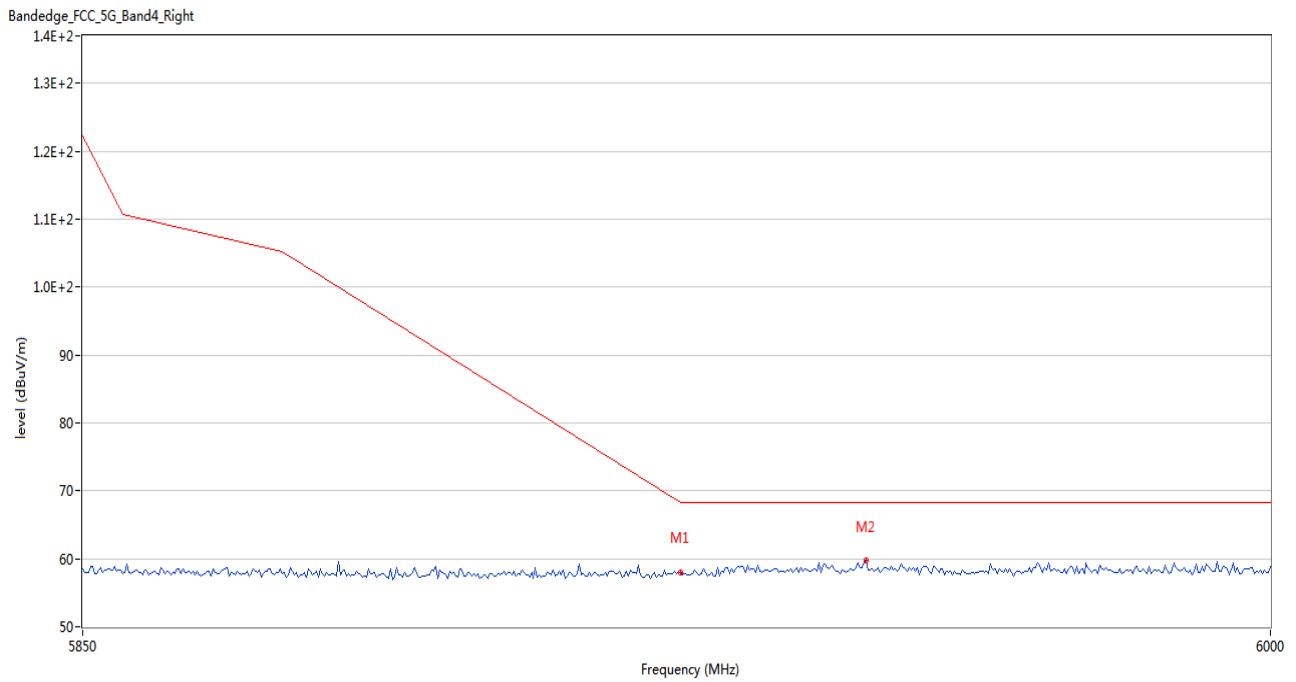
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.53	3.43	68.2	-9.67	Peak	299.00	150	Vertical	Pass
2	5974.500	59.82	4.78	68.2	-8.38	Peak	121.00	150	Vertical	Pass

U-NII-3 11n40 CH151



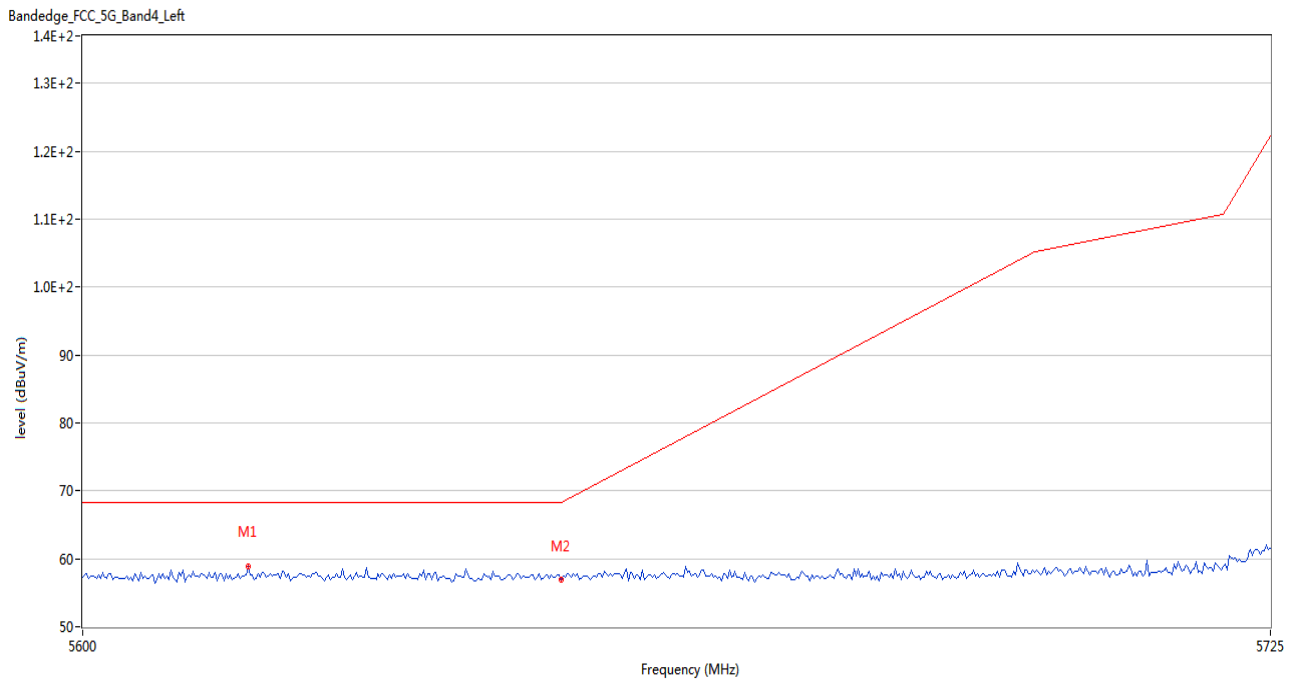
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.750	59.10	3.39	68.2	-9.10	Peak	23.00	150	Vertical	Pass
2	5650.000	57.65	3.60	68.2	-10.55	Peak	179.00	150	Vertical	Pass

U-NII-3 11n40 CH159



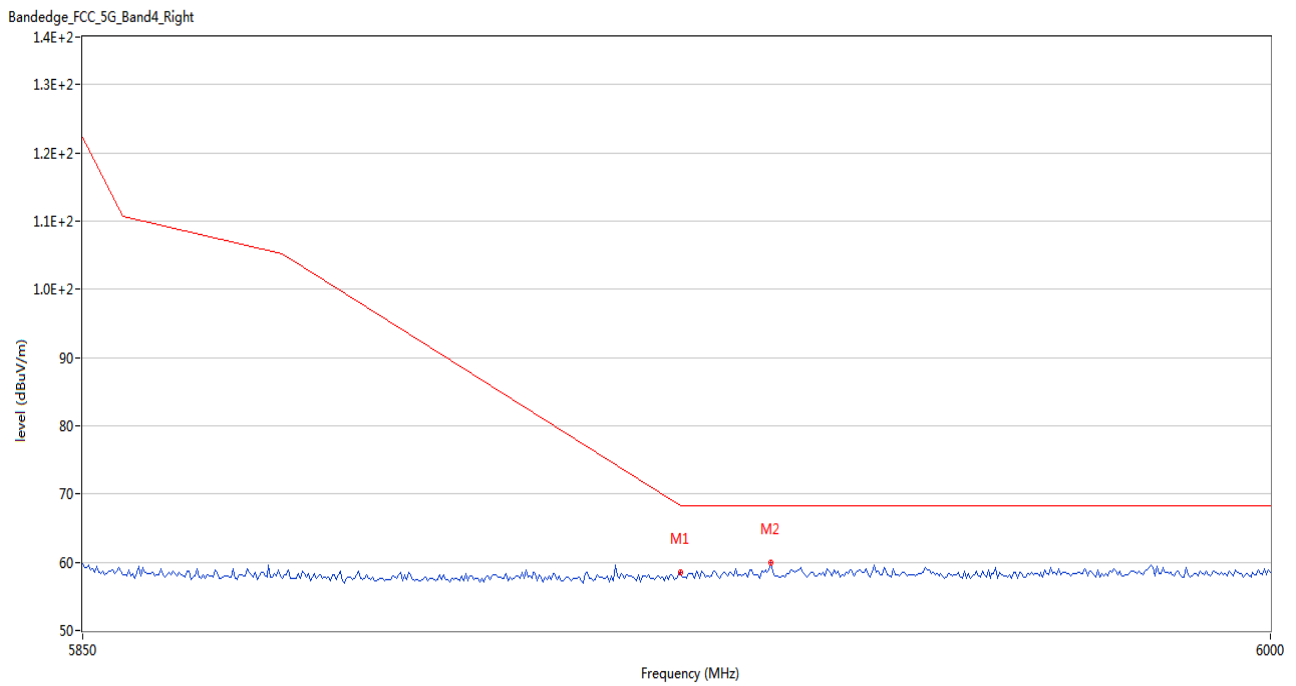
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.07	3.43	68.2	-10.13	Peak	34.00	150	Vertical	Pass
2	5948.500	59.76	4.62	68.2	-8.44	Peak	232.00	150	Vertical	Pass

U-NII-3 11ac20 CH149



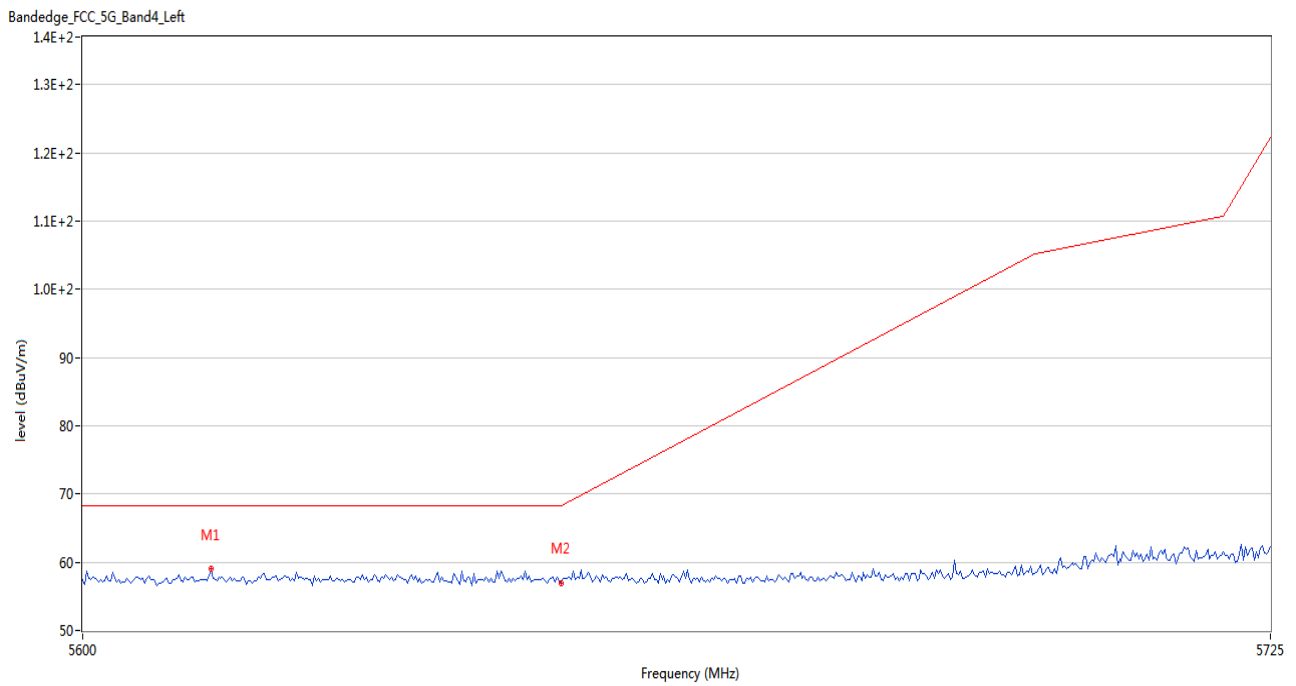
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5617.291	58.95	3.38	68.2	-9.25	Peak	148.00	150	Vertical	Pass
2	5650.000	56.94	3.60	68.2	-11.26	Peak	79.00	150	Vertical	Pass

U-NII-3 11ac20 CH165



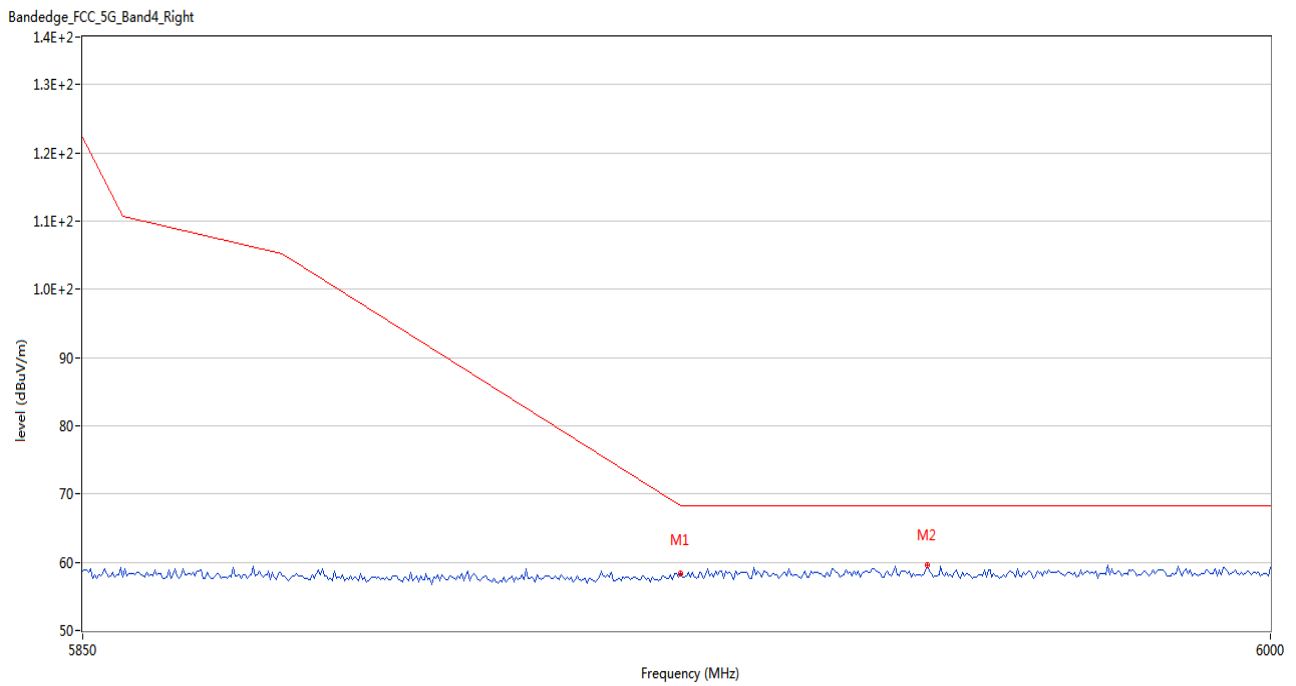
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.47	3.43	68.2	-9.73	Peak	112.00	150	Vertical	Pass
2	5936.500	59.98	4.05	68.2	-8.22	Peak	199.00	150	Vertical	Pass

U-NII-3 11ac40 CH151



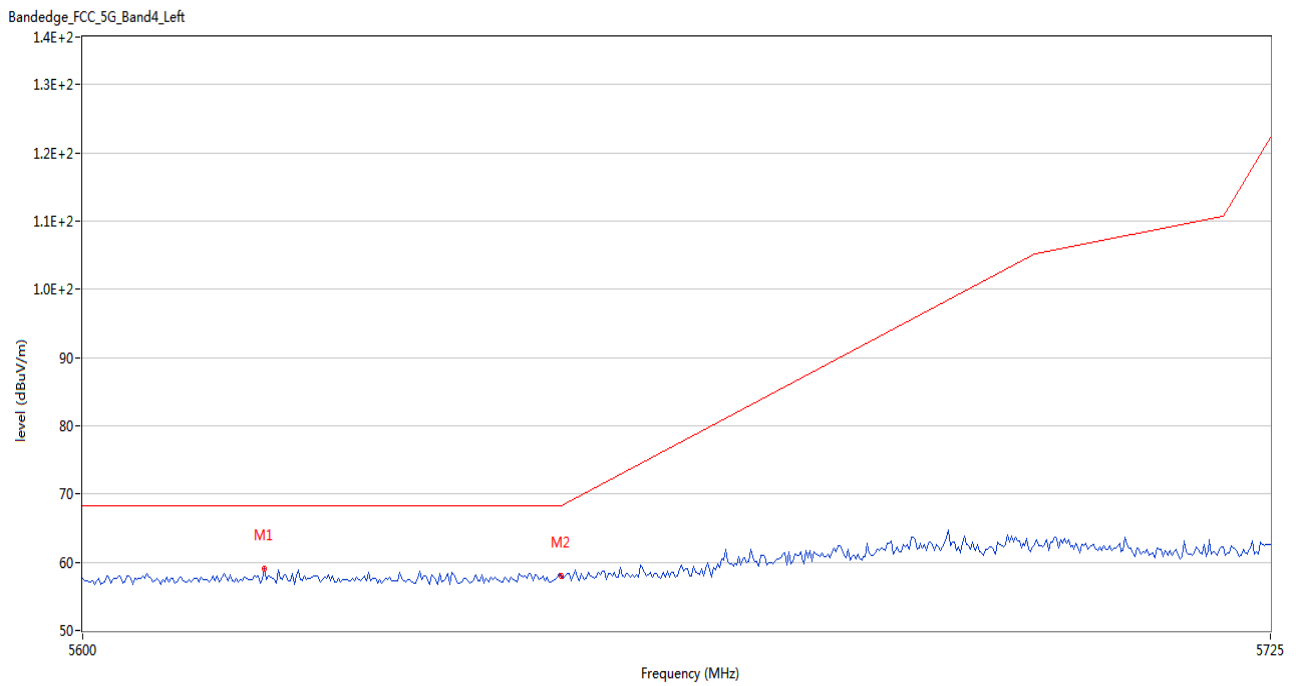
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5613.334	58.97	3.48	68.2	-9.23	Peak	29.00	150	Vertical	Pass
2	5650.000	56.99	3.60	68.2	-11.21	Peak	54.00	150	Vertical	Pass

U-NII-3 11ac40 CH159



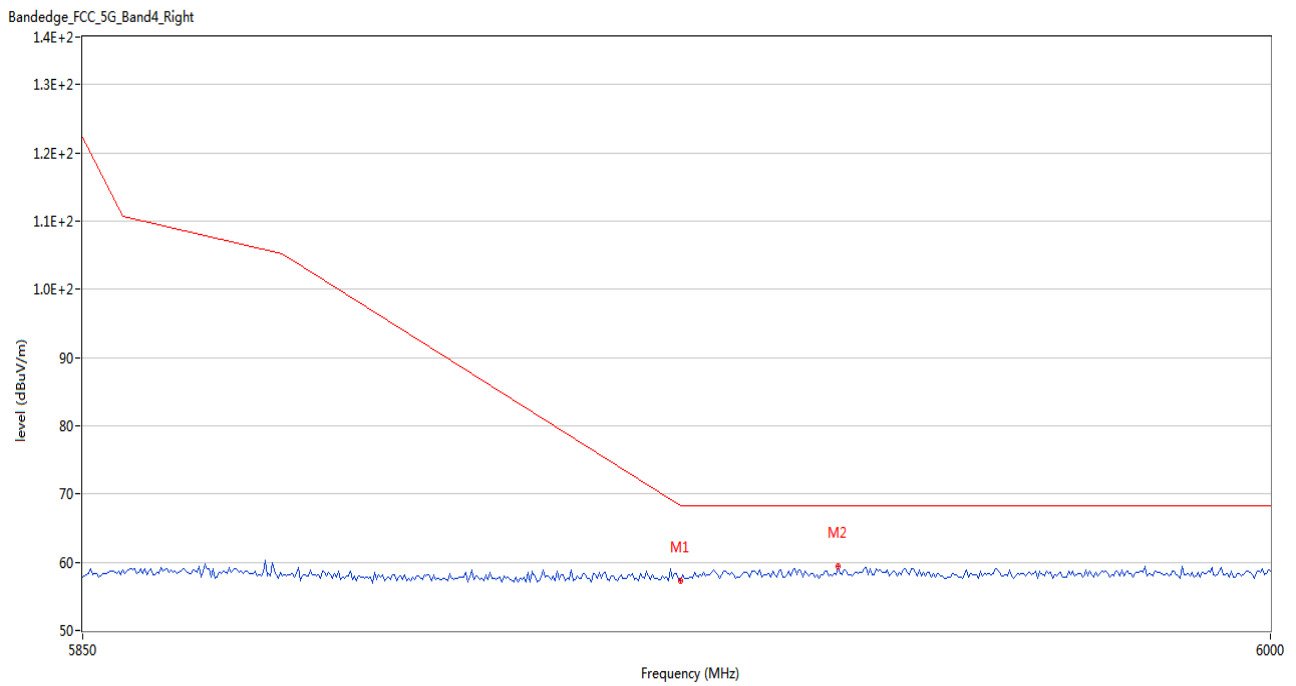
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.36	3.43	68.2	-9.84	Peak	11.00	150	Vertical	Pass
2	5956.250	59.58	4.73	68.2	-8.62	Peak	145.00	150	Vertical	Pass

U-NII-3 11ac80 CH155



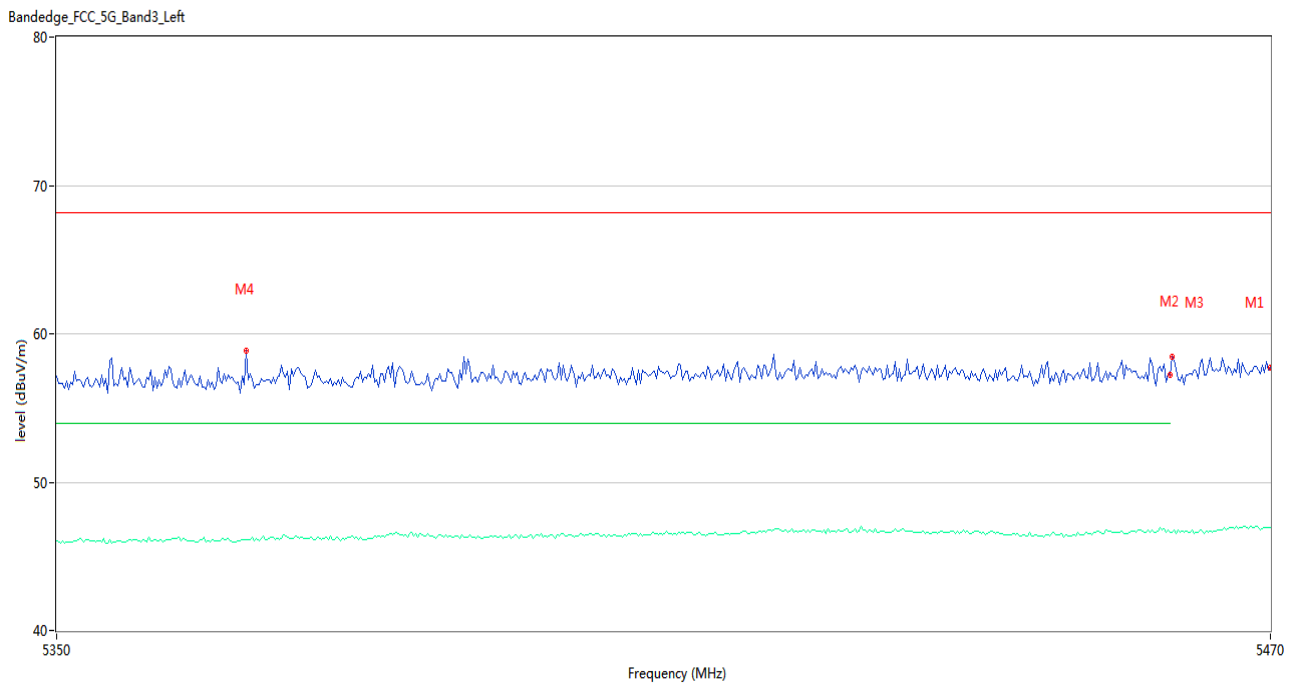
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5618.958	59.05	3.39	68.2	-9.15	Peak	201.00	150	Vertical	Pass
2	5650.000	57.97	3.60	68.2	-10.23	Peak	20.00	150	Vertical	Pass

U-NII-3 11ac80 CH155



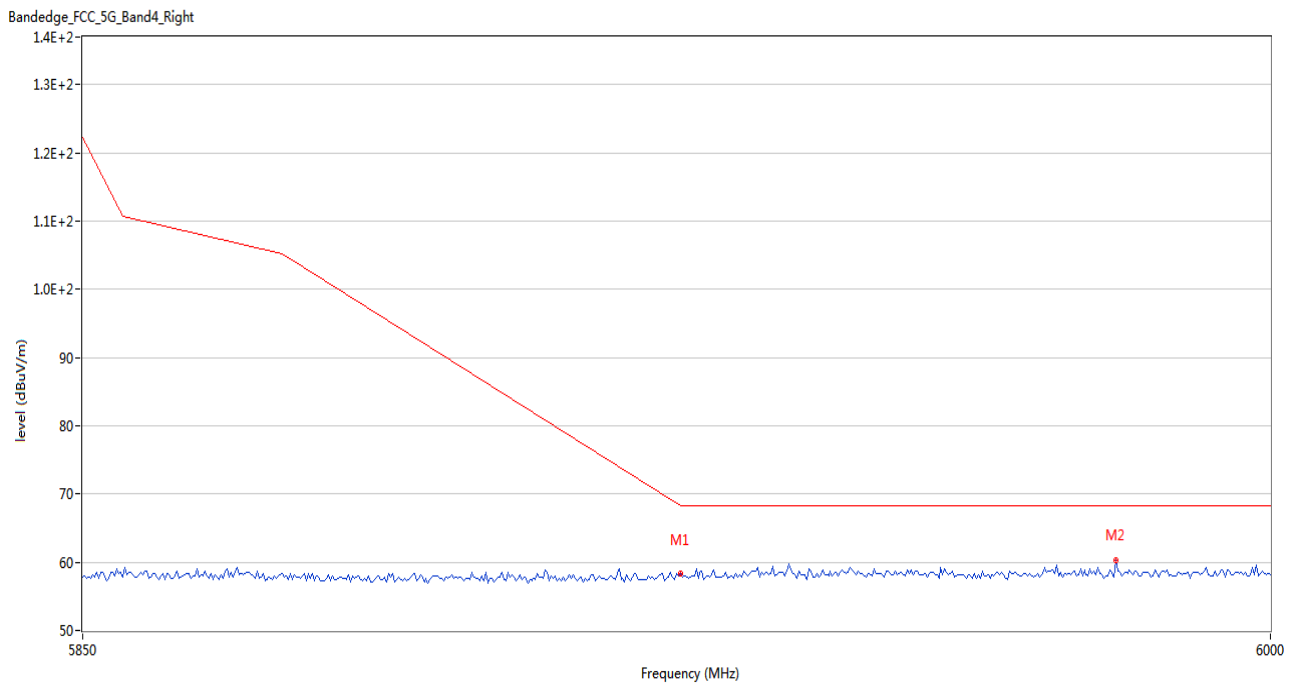
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.31	3.43	68.2	-10.89	Peak	272.00	150	Vertical	Pass
2	5945.000	59.34	4.46	68.2	-8.86	Peak	21.00	150	Vertical	Pass

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



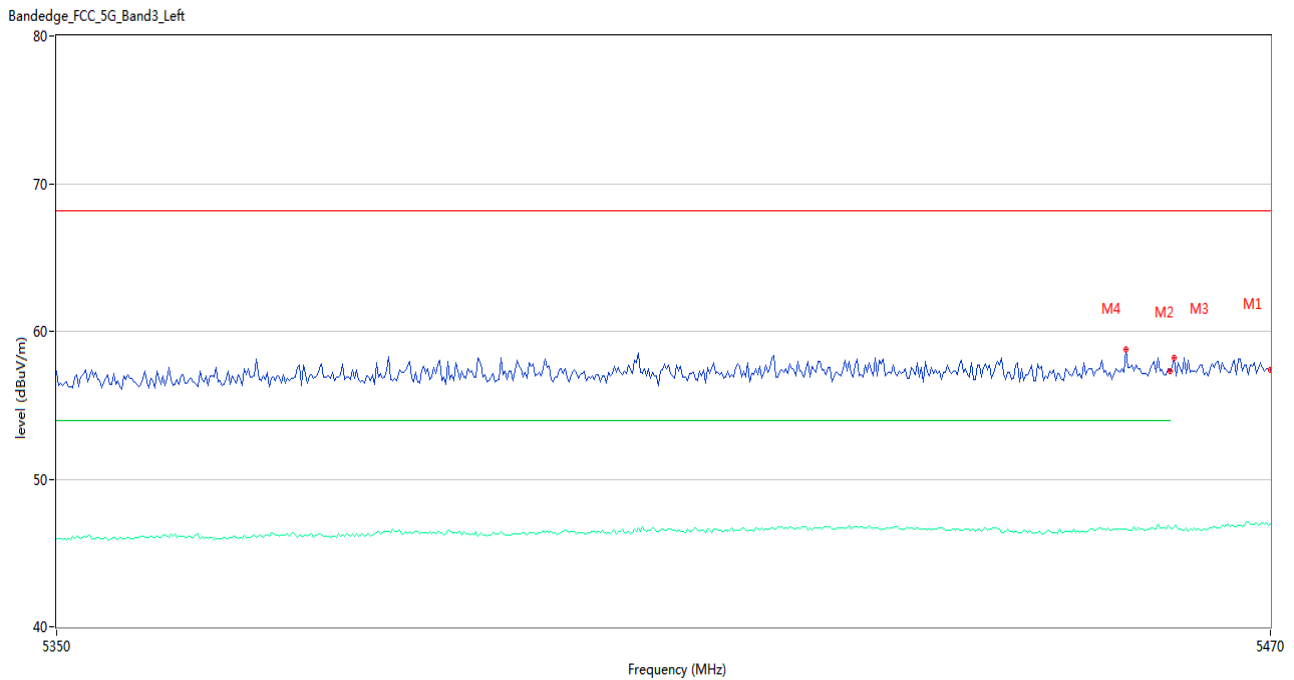
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	57.70	3.88	68.2	-10.50	Peak	16.00	150	Horizontal	Pass
1**	5470.000	46.94	3.88	--	46.94	AV	16.00	150	Horizontal	N/A
2	5460.000	57.19	3.79	68.2	-11.01	Peak	0.00	150	Horizontal	Pass
2**	5460.000	46.60	3.79	54.0	-7.40	AV	0.00	150	Horizontal	Pass
3	5460.200	58.43	3.77	68.2	-9.77	Peak	335.00	150	Horizontal	Pass
3**	5460.200	46.60	3.77	--	46.60	AV	335.00	150	Horizontal	N/A
4	5367.400	56.80	3.35	68.2	-11.40	Peak	0.00	150	Horizontal	Pass
4**	5367.400	45.95	3.35	54.0	-8.05	AV	0.00	150	Horizontal	Pass

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



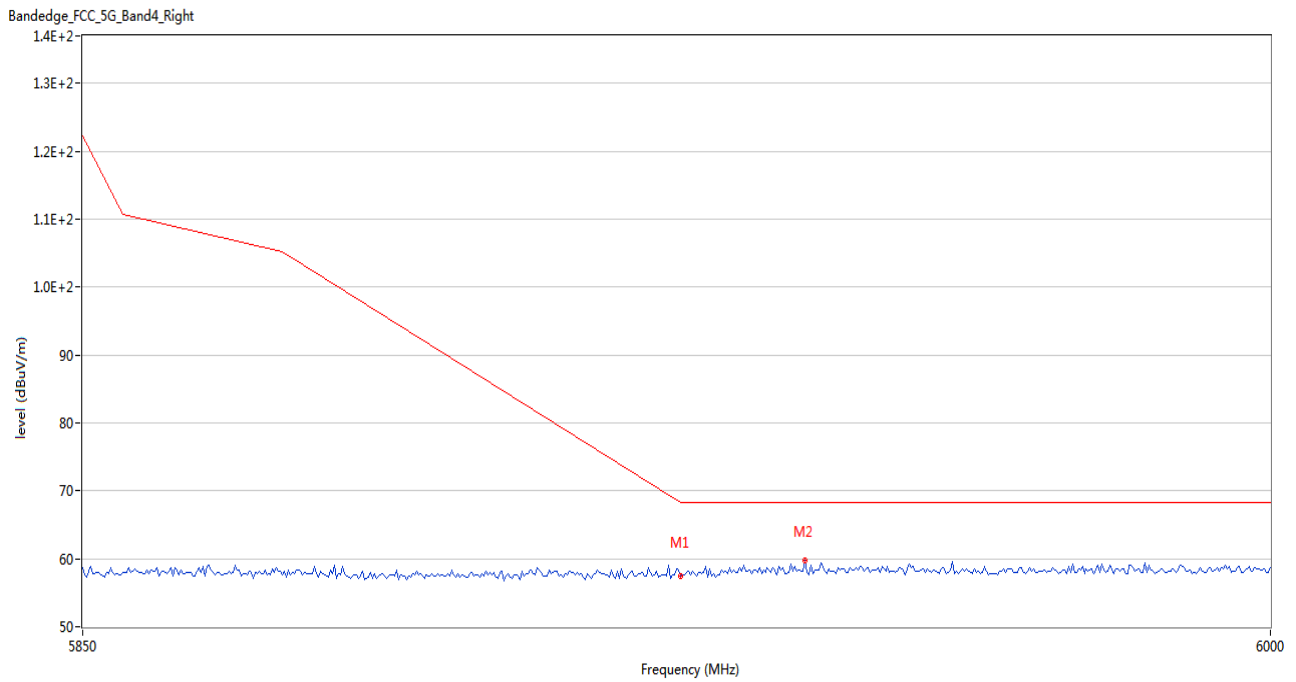
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.40	3.43	68.2	-9.80	Peak	0.00	150	Horizontal	Pass
2	5980.250	60.25	4.44	68.2	-7.95	Peak	8.00	150	Horizontal	Pass

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



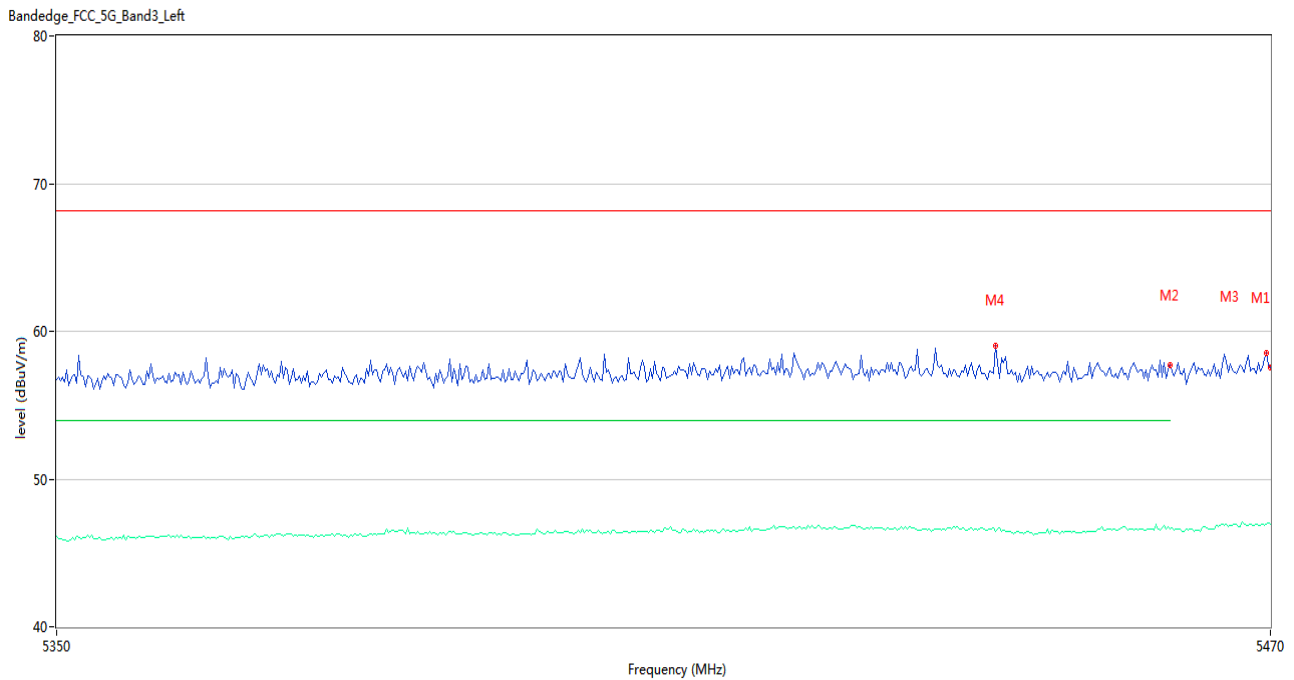
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	57.38	3.88	68.2	-10.82	Peak	124.00	150	Horizontal	Pass
1**	5470.000	46.96	3.88	--	46.96	AV	124.00	150	Horizontal	N/A
2	5460.000	57.29	3.79	68.2	-10.91	Peak	258.00	150	Horizontal	Pass
2**	5460.000	46.69	3.79	54.0	-7.31	AV	258.00	150	Horizontal	Pass
3	5460.400	58.22	3.75	68.2	-9.98	Peak	360.00	150	Horizontal	Pass
3**	5460.400	46.78	3.75	--	46.78	AV	360.00	150	Horizontal	N/A
4	5455.600	58.79	3.83	68.2	-9.41	Peak	203.00	150	Horizontal	Pass
4**	5455.600	46.63	3.83	54.0	-7.37	AV	203.00	150	Horizontal	Pass

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



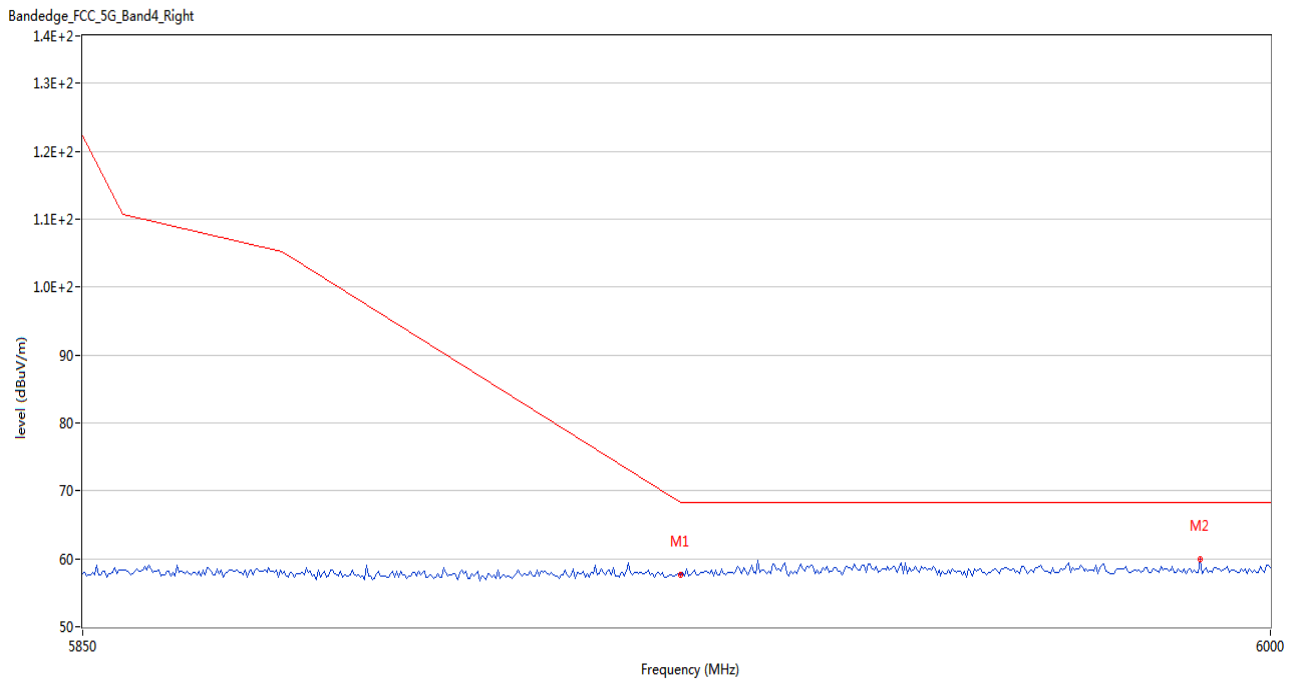
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.39	3.43	68.2	-10.81	Peak	115.00	150	Horizontal	Pass
2	5940.750	59.76	4.15	68.2	-8.44	Peak	261.00	150	Horizontal	Pass

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



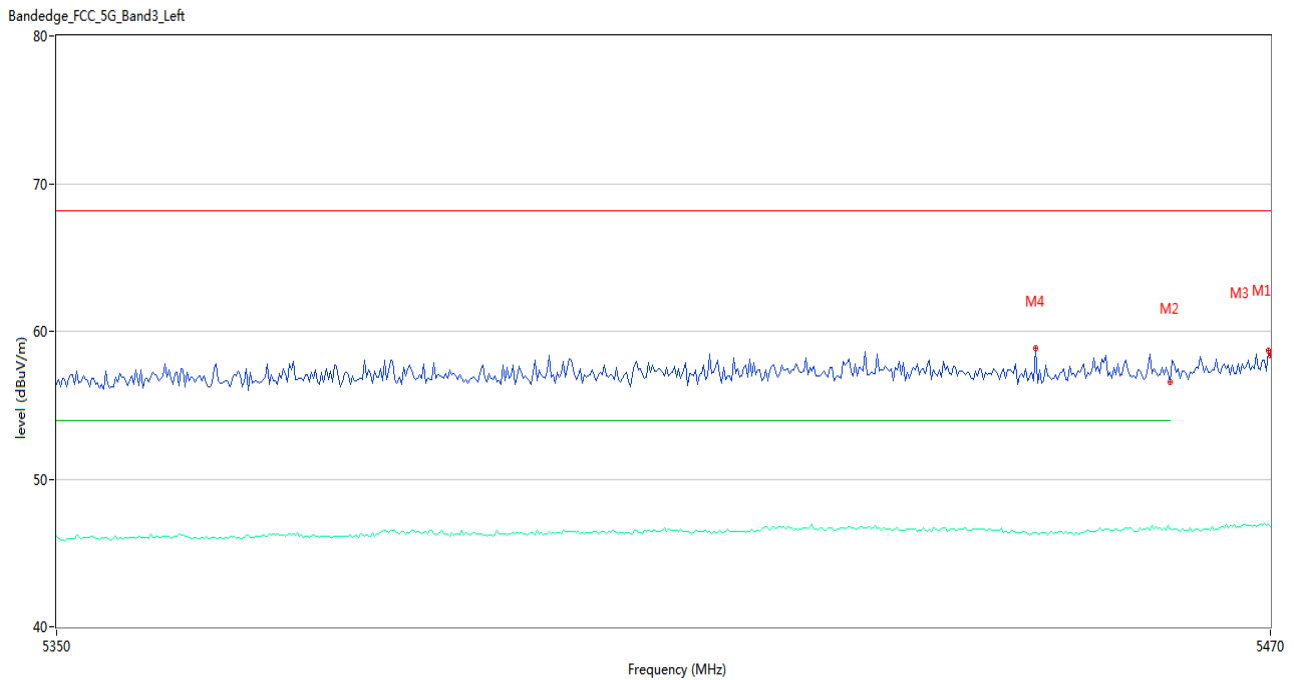
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	57.54	3.88	68.2	-10.66	Peak	46.00	150	Horizontal	Pass
1**	5470.000	46.92	3.88	--	46.92	AV	46.00	150	Horizontal	N/A
2	5460.000	57.74	3.79	68.2	-10.46	Peak	308.00	150	Horizontal	Pass
2**	5460.000	46.63	3.79	54.0	-7.37	AV	308.00	150	Horizontal	Pass
3	5469.600	58.54	3.88	68.2	-9.66	Peak	248.00	150	Horizontal	Pass
3**	5469.600	46.96	3.88	--	46.96	AV	248.00	150	Horizontal	N/A
4	5442.600	59.04	3.65	68.2	-9.16	Peak	31.00	150	Horizontal	Pass
4**	5442.600	46.49	3.65	54.0	-7.51	AV	31.00	150	Horizontal	Pass

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



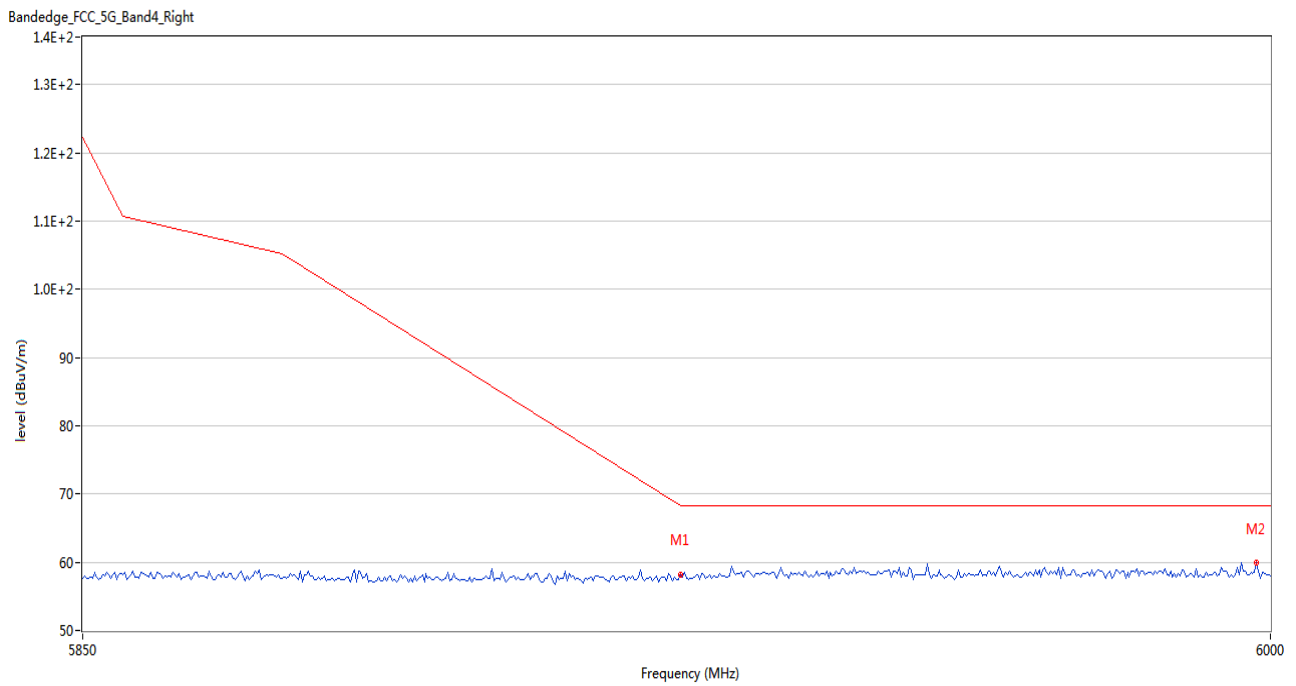
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.68	3.43	68.2	-10.52	Peak	9.00	150	Horizontal	Pass
2	5991.000	59.88	4.31	68.2	-8.32	Peak	312.00	150	Horizontal	Pass

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



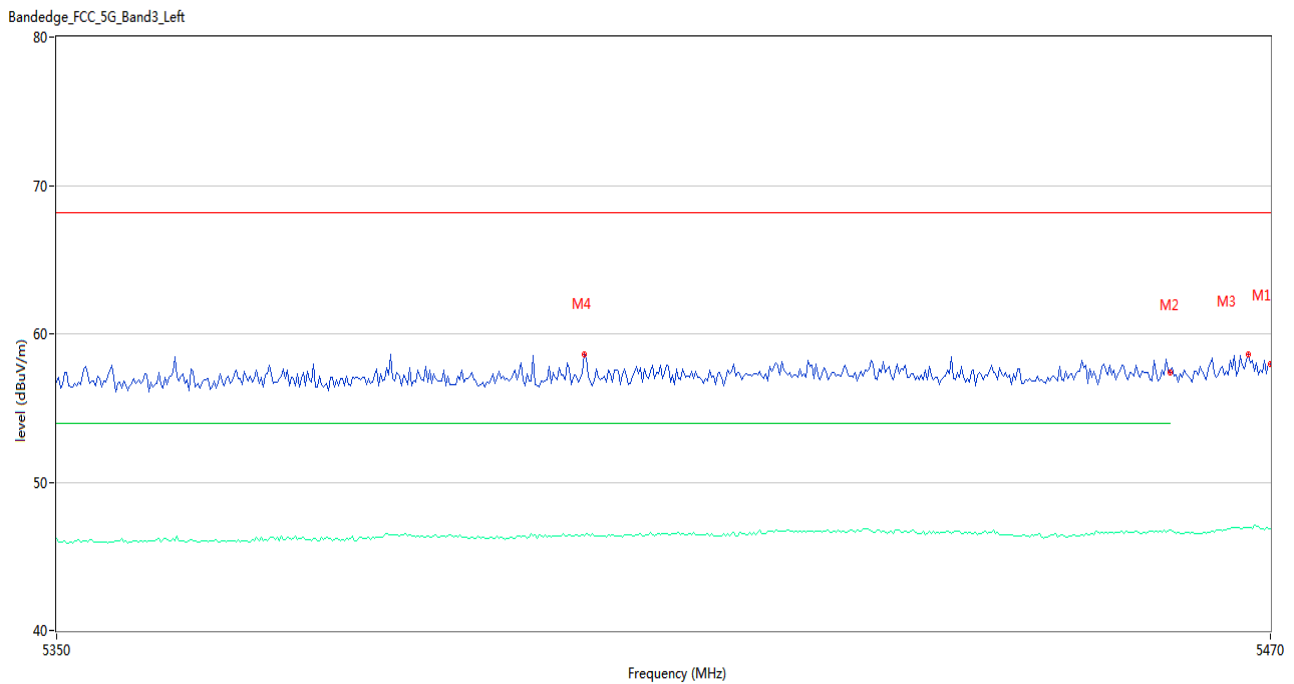
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	58.41	3.88	68.2	-9.79	Peak	32.00	150	Horizontal	Pass
1**	5470.000	46.77	3.88	--	46.77	AV	32.00	150	Horizontal	N/A
2	5460.000	56.56	3.79	68.2	-11.64	Peak	266.00	150	Horizontal	Pass
2**	5460.000	46.64	3.79	54.0	-7.36	AV	266.00	150	Horizontal	Pass
3	5469.800	58.72	3.88	68.2	-9.48	Peak	359.00	150	Horizontal	Pass
3**	5469.800	46.95	3.88	--	46.95	AV	359.00	150	Horizontal	N/A
4	5446.600	58.82	3.56	68.2	-9.38	Peak	320.00	150	Horizontal	Pass
4**	5446.600	46.40	3.56	54.0	-7.60	AV	320.00	150	Horizontal	Pass

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



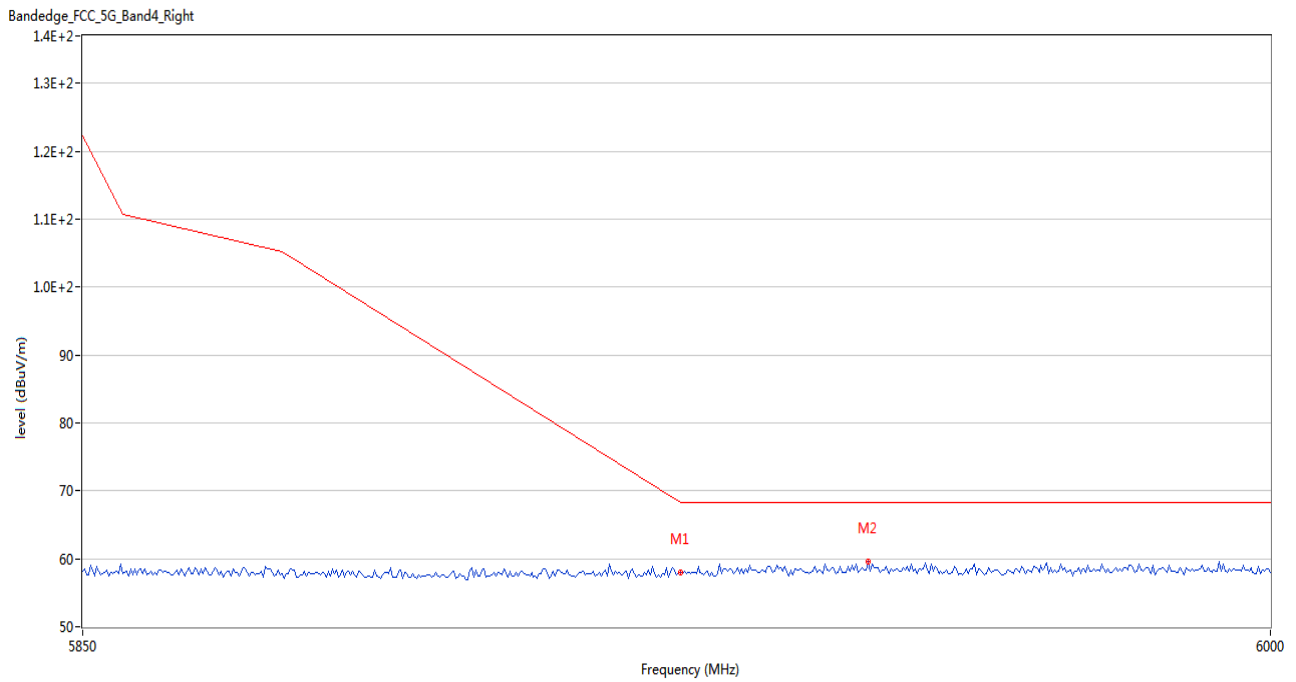
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.25	3.43	68.2	-9.95	Peak	188.00	150	Horizontal	Pass
2	5998.250	59.89	4.55	68.2	-8.31	Peak	236.00	150	Horizontal	Pass

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



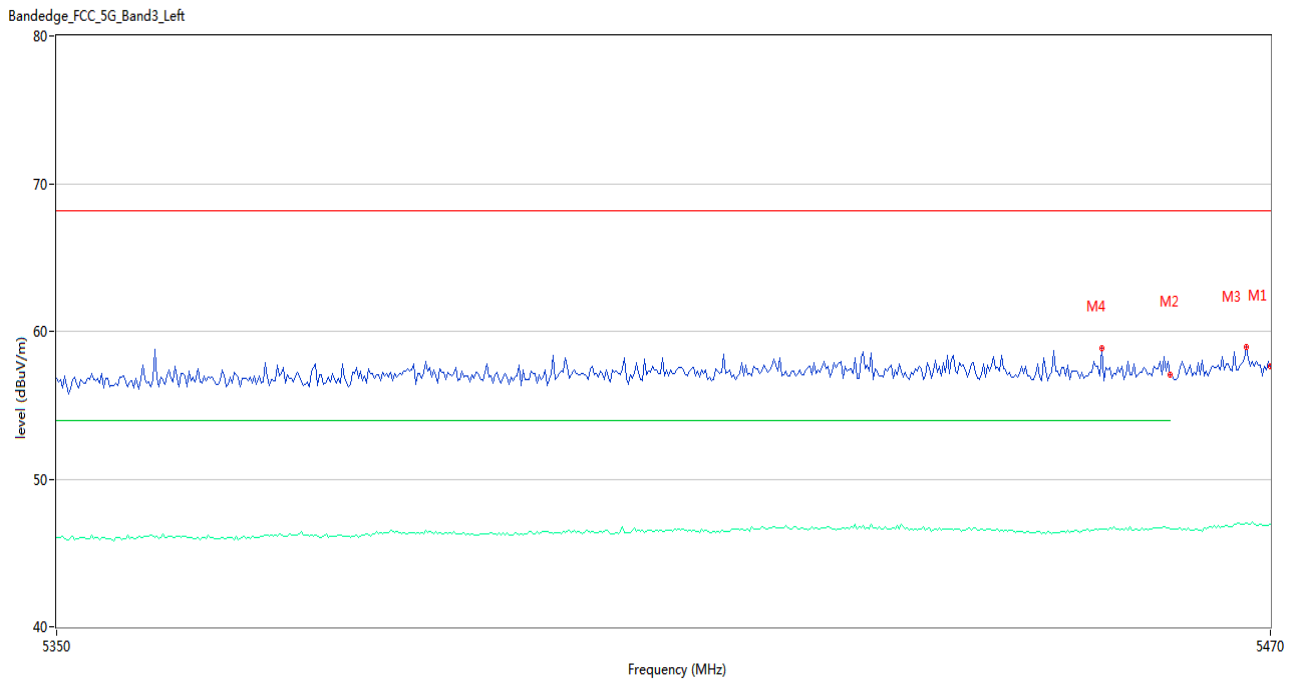
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	57.94	3.88	68.2	-10.26	Peak	49.00	150	Horizontal	Pass
1**	5470.000	46.88	3.88	--	46.88	AV	49.00	150	Horizontal	N/A
2	5460.000	57.40	3.79	68.2	-10.80	Peak	94.00	150	Horizontal	Pass
2**	5460.000	46.74	3.79	54.0	-7.26	AV	94.00	150	Horizontal	Pass
3	5467.800	58.65	3.92	68.2	-9.55	Peak	283.00	150	Horizontal	Pass
3**	5467.800	46.91	3.92	--	46.91	AV	283.00	150	Horizontal	N/A
4	5401.800	58.61	3.35	68.2	-9.59	Peak	263.00	150	Horizontal	Pass
4**	5401.800	46.37	3.35	54.0	-7.63	AV	263.00	150	Horizontal	Pass

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



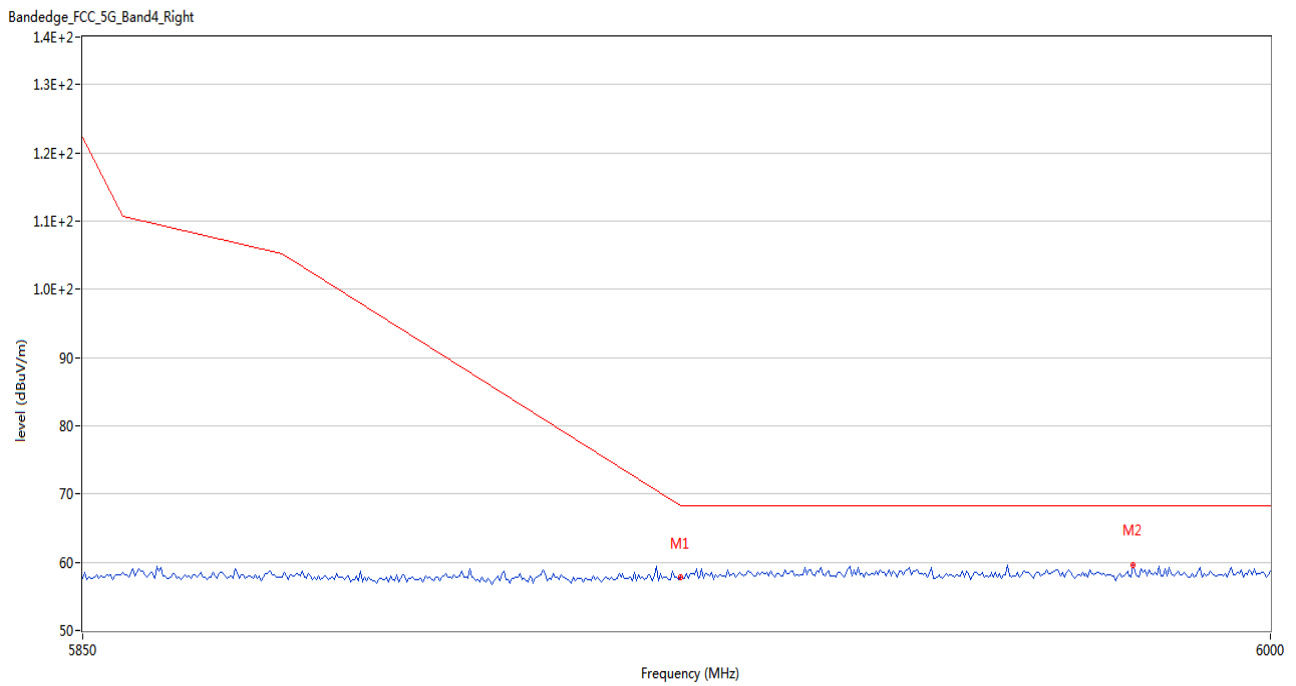
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.00	3.43	68.2	-10.20	Peak	316.00	150	Horizontal	Pass
2	5948.750	59.57	4.62	68.2	-8.63	Peak	360.00	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	57.65	3.88	68.2	-10.55	Peak	91.00	150	Horizontal	Pass
1**	5470.000	46.96	3.88	--	46.96	AV	91.00	150	Horizontal	N/A
2	5460.000	57.07	3.79	68.2	-11.13	Peak	76.00	150	Horizontal	Pass
2**	5460.000	46.60	3.79	54.0	-7.40	AV	76.00	150	Horizontal	Pass
3	5467.600	58.94	3.91	68.2	-9.26	Peak	360.00	150	Horizontal	Pass
3**	5467.600	47.02	3.91	--	47.02	AV	360.00	150	Horizontal	N/A
4	5453.200	58.88	3.83	68.2	-9.32	Peak	132.00	150	Horizontal	Pass
4**	5453.200	46.62	3.83	54.0	-7.38	AV	132.00	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.86	3.43	68.2	-10.34	Peak	61.00	150	Horizontal	Pass
2	5982.500	59.65	4.43	68.2	-8.55	Peak	0.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ21C1238-AR.PDF".

--END OF REPORT--