

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.




FOR
High Performance Wireless Media Module

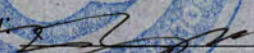
ISSUED TO
Libre Wireless Technologies, Inc.

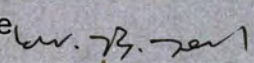
2100 Geng Road, Suite 210, Palo Alto, CA 94303 USA



Tested by: 
Ye Hongji

Date: 
Nov. 23, 2021

Approved by: 
Wei Yanquan
(Chief Engineer)

Date: 
Nov. 23, 2021

Report No.: BL-SZ21A0154-604
EUT Name: High Performance Wireless Media Module
Model Name: LS10 (refer section 2.4)
Brand Name: Libre
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 2
(refer section 3.1)
FCC ID: 2ADBM-LS10
ISED Number: 20276-LS10
Test Conclusion: Pass
Test Date: Nov. 06, 2021 ~ Nov. 18, 2021
Date of Issue: Nov. 23, 2021

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Nov. 23, 2021</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory 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

Applicant	Libre Wireless Technologies, Inc.
Address	2100 Geng Road, Suite 210, Palo Alto, CA 94303 USA

2.2 Manufacturer

Manufacturer	Libre Wireless Technologies, Inc.
Address	2100 Geng Road, Suite 210, Palo Alto, CA 94303 USA

2.3 Factory

Factory	Libre Wireless Technologies, Inc.
Address	2100 Geng Road, Suite 210, Palo Alto, CA 94303 USA

2.4 General Description for Equipment under Test (EUT)

EUT Name	High Performance Wireless Media Module
Model Name Under Test	LS10
Series Model Name	LS10-AC11DBT-C, LS10-AC11DBT-C-E, LS10-AC11DBT-AC, LS10-AC11DBT-GV, LS10-AC11DBT-GV-E, LS10-CR-C-I
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only memory (DDR3 and Flash) is the only difference between the basic model and other model.
Serial Number	20211011LS10
Hardware Version	Vp1.0
Software Version	eng.user.20210831.112915
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/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	<input checked="" type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Indoor for IC standard Mobile for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 15.66 dBm U-NII-2A: 15.69 dBm U-NII-2C: 16.30 dBm U-NII-3: 16.31 dBm
Antenna Type	PCB Antenna
Antenna Gain	5.9 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is High Performance Wireless Media Module, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	<input checked="" type="checkbox"/> Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
------	--

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

Test Software Version	CMD		
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
11a	CH36	5180	14.00
11a	CH44	5220	14.00
11a	CH48	5240	14.00
11n (HT20)	CH36	5180	13.00
11n (HT20)	CH44	5220	13.00
11n (HT20)	CH48	5240	13.00
11n (HT40)	CH38	5190	13.00
11n (HT40)	CH46	5230	13.00
11ac (VHT20)	CH36	5180	13.00
11ac (VHT20)	CH44	5220	13.00
11ac (VHT20)	CH48	5240	13.00
11ac (VHT40)	CH38	5190	13.00
11ac (VHT40)	CH46	5230	13.00
11ac (VHT80)	CH42	5210	11.00

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	14.00
11a	CH60	5300	14.00
11a	CH64	5320	14.00
11n (HT20)	CH52	5260	13.00
11n (HT20)	CH60	5300	13.00
11n (HT20)	CH64	5320	12.00
11n (HT40)	CH54	5270	13.00
11n (HT40)	CH62	5310	8.00
11ac (VHT20)	CH52	5260	13.00
11ac (VHT20)	CH60	5300	13.00
11ac (VHT20)	CH64	5320	12.00
11ac (VHT40)	CH54	5270	13.00
11ac (VHT40)	CH62	5310	7.00
11ac (VHT80)	CH58	5290	6.00

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	12.00
11a	CH116	5580	14.00
11a	CH140	5700	10.00
11n (HT20)	CH100	5500	12.00
11n (HT20)	CH116	5580	13.00
11n (HT20)	CH140	5700	10.00
11n (HT40)	CH102	5510	7.00
11n (HT40)	CH118	5590	13.00
11n (HT40)	CH134	5670	10.00
11ac (VHT20)	CH100	5500	12.00
11ac (VHT20)	CH116	5580	13.00
11ac (VHT20)	CH140	5700	9.00
11ac (VHT40)	CH102	5510	7.00
11ac (VHT40)	CH118	5590	13.00
11ac (VHT40)	CH134	5670	11.00
11ac (VHT80)	CH106	5530	5.00
11ac (VHT80)	CH122	5610	10.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	14.00
11a	CH157	5785	14.00
11a	CH165	5825	14.00
11n (HT20)	CH149	5745	13.00
11n (HT20)	CH157	5785	13.00
11n (HT20)	CH165	5825	13.00
11n (HT40)	CH151	5755	13.00
11n (HT40)	CH159	5795	13.00
11ac (VHT20)	CH149	5745	13.00
11ac (VHT20)	CH157	5785	13.00
11ac (VHT20)	CH165	5825	13.00
11ac (VHT40)	CH151	5755	13.00
11ac (VHT40)	CH159	5795	13.00
11ac (VHT80)	CH155	5775	11.00

Run Software:

```

C:\Users\EDZ\Desktop\A0151\labtool-V93\DutA...
DutIf_SetChannelBw: 0x00000000
Enter option: 22 60 14 1
  DutIf_SetRfChannel: 0x0
  DutIf_SetRfPowerCal: 0x0
Enter option: 35 1 6
  DutIf_AdjustPcktSifs: 0x00000000
    TRPC ID: 3
Enter option: 35 0
  DutIf_AdjustPcktSifs: 0x00000000
Enter option: 30 1
  DutIf_SetModeAG: 0x0
Enter option: 112 0
DutIf_SetChannelBw: 0x00000000
Enter option: 22 64 14 1
  DutIf_SetRfChannel: 0x0
  DutIf_SetRfPowerCal: 0x0
Enter option: 35 1 6
  DutIf_AdjustPcktSifs: 0x00000000
    TRPC ID: 3
Enter option: 35 0
  DutIf_AdjustPcktSifs: 0x00000000
Enter option: 112 0
DutIf_SetChannelBw: 0x00000000
Enter option: 22 52 13 1
  DutIf_SetRfChannel: 0x0
  DutIf_SetRfPowerCal: 0x0
Enter option: 35 1 15
  DutIf_AdjustPcktSifs: 0x00000000
    TRPC ID: 3
Enter option:
    
```

2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	155	5775
52	5260	102	5510		
56	5280	110	5550		
60	5300	134	5670		
64	5320	151	5755		
100	5500	159	5795		
104	5520				
108	5540				
112	5560				
116	5580				
132	5660				
136	5680				
140	5700				
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	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	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	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

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	155	Mid	5775
122	High	5610			

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
4	RSS-247 Issue 2	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
5	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)	0°C
	HT (High Temperature)	+70°C
Working Voltage of the EUT	NV (Normal Voltage)	9.0 V
	LV (Low Voltage)	8.5 V
	HV (High Voltage)	10.0 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
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 Measurement Uncertainty

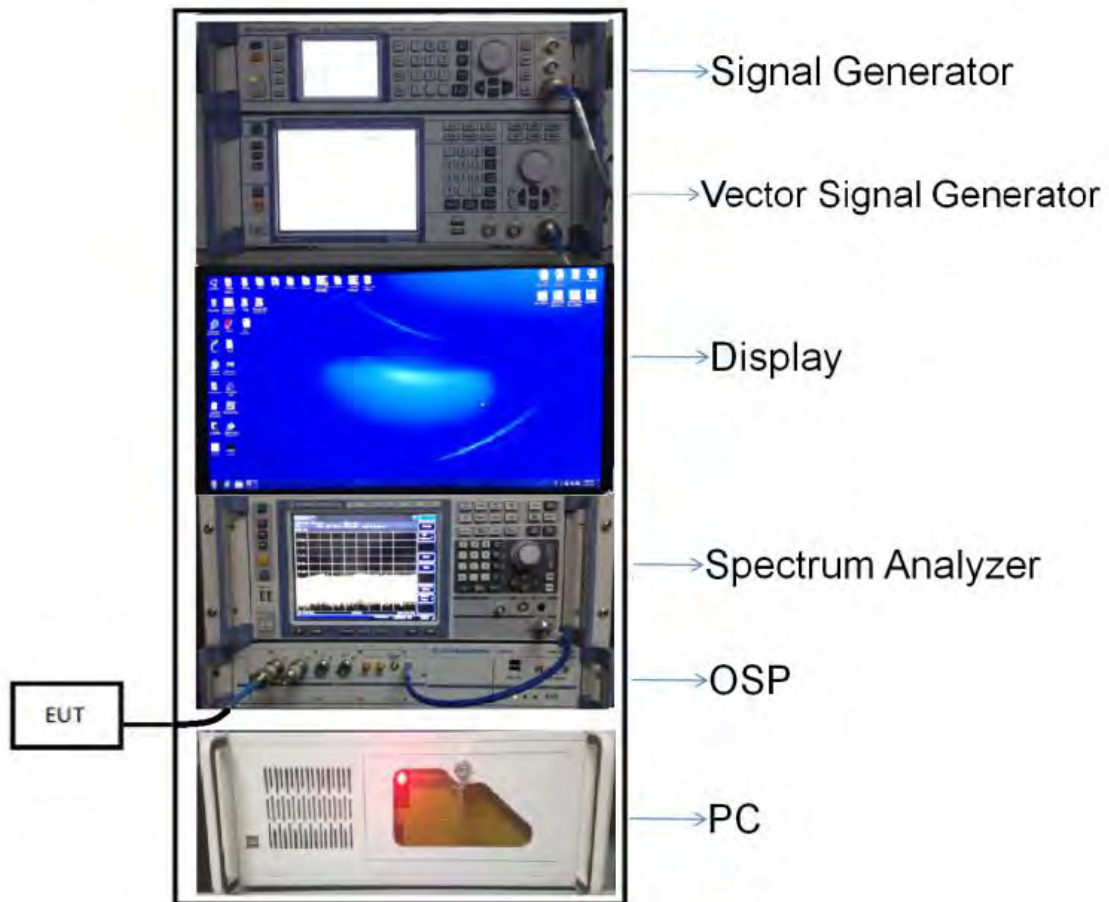
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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%

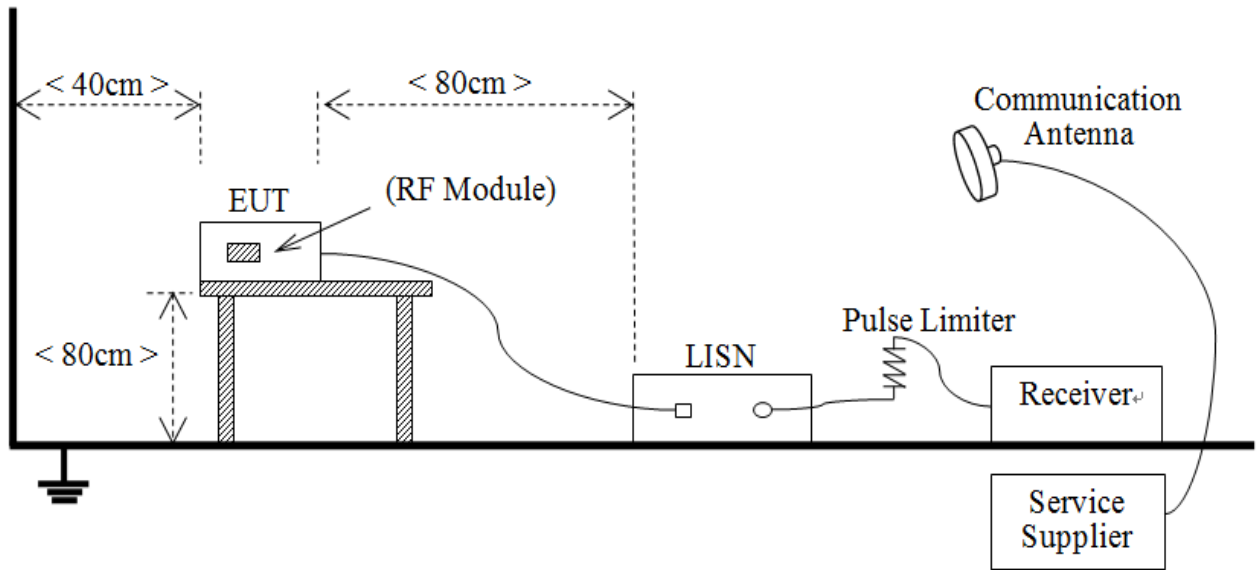
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



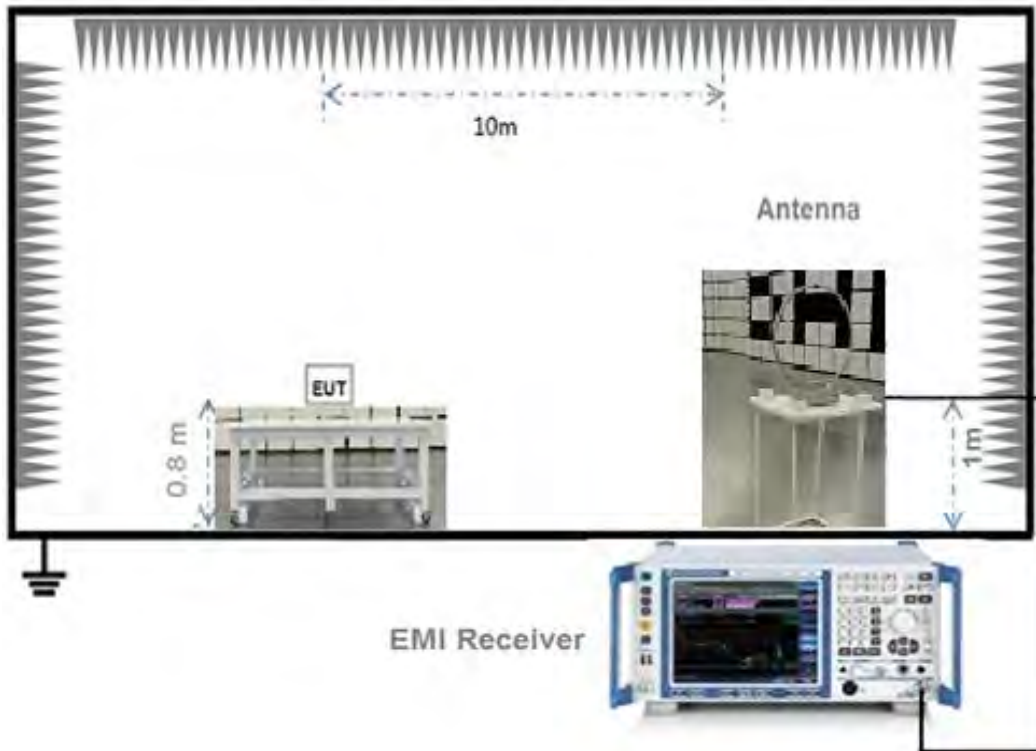
(Diagram 1)

4.4.2 For AC Power Supply Port Test



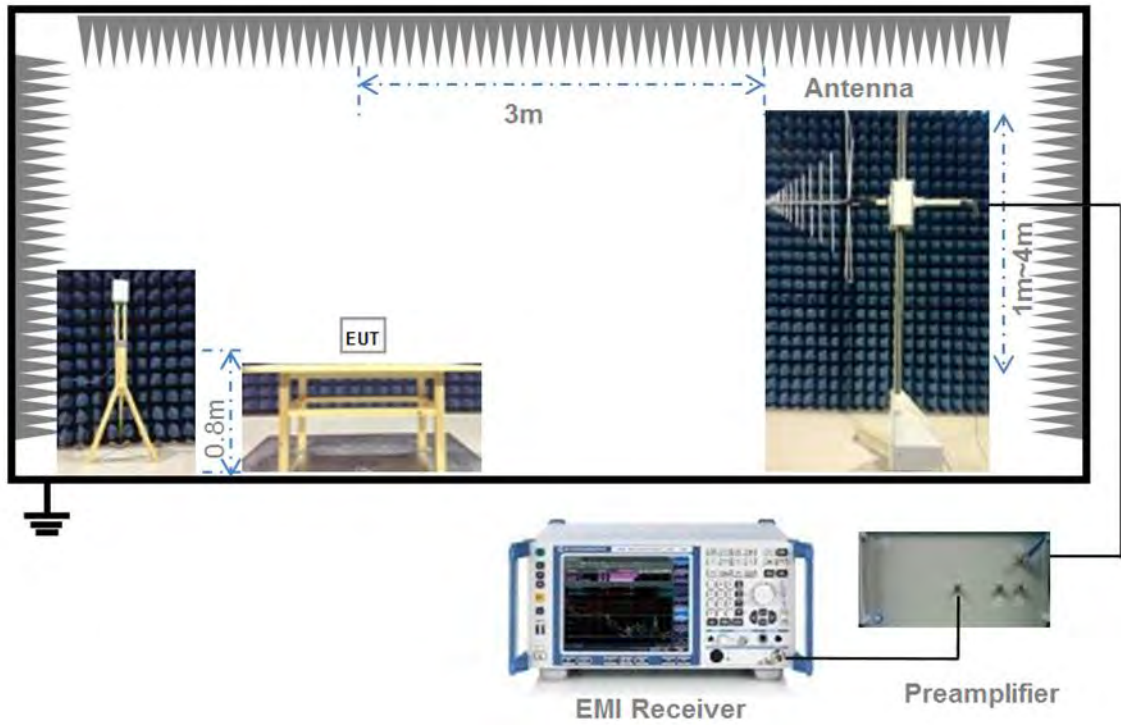
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



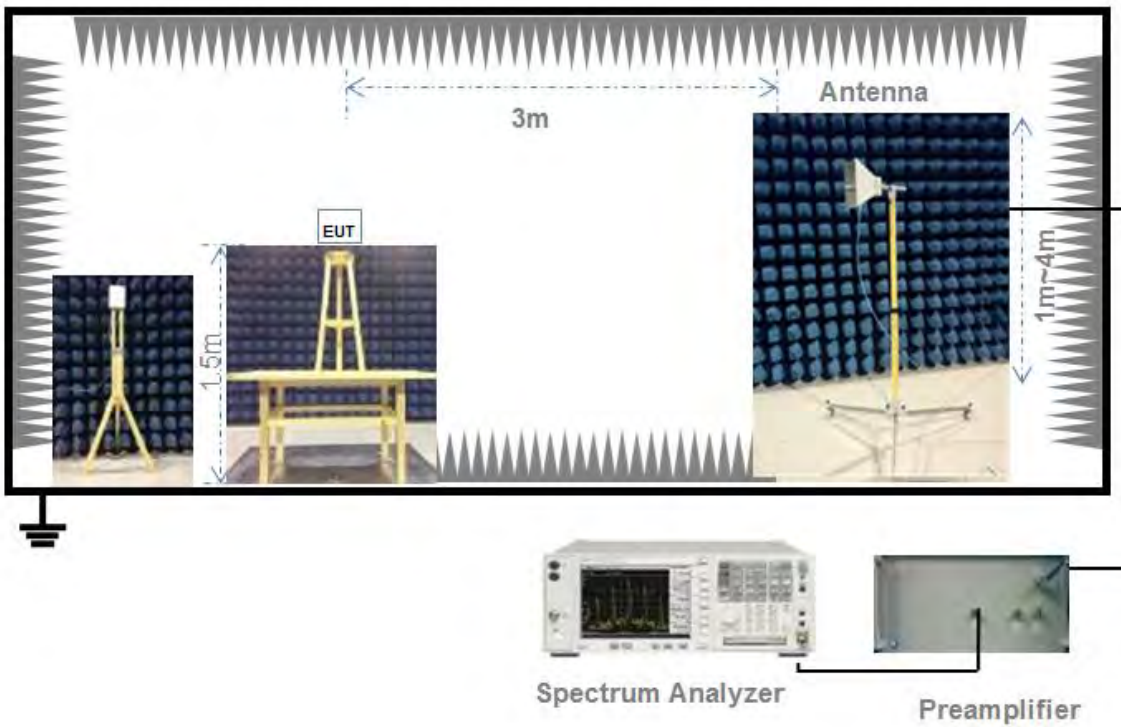
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

The section 4.4.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

5.5.2 Test Setup

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

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Note 2: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.66	36.81	250	Pass
11a	CH44	15.22	33.27	250	Pass
11a	CH48	15.32	34.04	250	Pass
11n (HT20)	CH36	14.88	30.76	250	Pass
11n (HT20)	CH44	14.19	26.24	250	Pass
11n (HT20)	CH48	14.39	27.48	250	Pass
11n (HT40)	CH38	14.75	29.85	250	Pass
11n (HT40)	CH46	14.47	27.99	250	Pass
11ac (VHT20)	CH36	14.69	29.44	250	Pass
11ac (VHT20)	CH44	14.20	26.30	250	Pass
11ac (HVT20)	CH48	14.69	29.44	250	Pass
11ac (VHT40)	CH38	14.77	29.99	250	Pass
11ac (VHT40)	CH46	14.68	29.38	250	Pass
11ac (VHT80)	CH42	12.21	16.63	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.44	34.99	247	Pass
11a	CH60	15.44	34.99	249	Pass
11a	CH64	15.69	37.07	248	Pass
11n (HT20)	CH52	14.50	28.18	250	Pass
11n (HT20)	CH60	14.58	28.71	250	Pass
11n (HT20)	CH64	13.24	21.09	250	Pass
11n (HT40)	CH54	14.58	28.71	250	Pass
11n (HT40)	CH62	9.45	8.81	250	Pass
11ac (VHT20)	CH52	14.47	27.99	250	Pass
11ac (VHT20)	CH60	14.59	28.77	250	Pass
11ac (HVT20)	CH64	13.58	22.80	250	Pass
11ac (VHT40)	CH54	14.65	29.17	250	Pass
11ac (VHT40)	CH62	8.28	6.73	250	Pass
11ac (VHT80)	CH58	7.43	5.53	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.57	22.75	250	Pass
11a	CH116	16.30	42.66	250	Pass
11a	CH140	10.75	11.89	250	Pass
11n (HT20)	CH100	13.86	24.32	250	Pass
11n (HT20)	CH116	14.95	31.26	250	Pass
11n (HT20)	CH140	10.93	12.39	250	Pass
11n (HT40)	CH102	7.74	5.94	250	Pass
11n (HT40)	CH118	15.23	33.34	250	Pass
11n (HT40)	CH134	11.10	12.88	250	Pass
11ac (VHT20)	CH100	13.74	23.66	250	Pass
11ac (VHT20)	CH116	15.02	31.77	250	Pass
11ac (VHT20)	CH140	9.99	9.98	250	Pass
11ac (VHT40)	CH102	8.48	7.05	250	Pass
11ac (VHT40)	CH118	15.08	32.21	250	Pass
11ac (VHT40)	CH134	12.23	16.71	250	Pass
11ac (VHT80)	CH106	6.71	4.69	250	Pass
11ac (VHT80)	CH122	11.29	13.46	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.73	37.41	1000	Pass
11a	CH157	15.35	34.28	1000	Pass
11a	CH165	16.31	42.76	1000	Pass
11n (HT20)	CH149	14.66	29.24	1000	Pass
11n (HT20)	CH157	14.21	26.36	1000	Pass
11n (HT20)	CH165	15.18	32.96	1000	Pass
11n (HT40)	CH151	14.48	28.05	1000	Pass
11n (HT40)	CH159	14.67	29.31	1000	Pass
11ac (VHT20)	CH149	14.56	28.58	1000	Pass
11ac (VHT20)	CH157	14.17	26.12	1000	Pass
11ac (VHT20)	CH165	15.15	32.73	1000	Pass
11ac (VHT40)	CH151	14.41	27.61	1000	Pass
11ac (VHT40)	CH159	14.44	27.80	1000	Pass
11ac (VHT80)	CH155	11.96	15.70	1000	Pass

EIRP Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	IC EIRP Limit (mW)	Verdict
11a	CH36	21.56	143.22	166	Pass
11a	CH44	21.12	129.42	166	Pass
11a	CH48	21.22	132.43	166	Pass
11n (HT20)	CH36	20.78	119.67	176	Pass
11n (HT20)	CH44	20.09	102.09	176	Pass
11n (HT20)	CH48	20.29	106.91	176	Pass
11n (HT40)	CH38	20.65	116.14	200	Pass
11n (HT40)	CH46	20.37	108.89	200	Pass
11ac (VHT20)	CH36	20.59	114.55	176	Pass
11ac (VHT20)	CH44	20.10	102.33	176	Pass
11ac (HVT20)	CH48	20.59	114.55	176	Pass
11ac (VHT40)	CH38	20.67	116.68	200	Pass
11ac (VHT40)	CH46	20.58	114.29	200	Pass
11ac (VHT80)	CH42	18.11	64.71	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	IC EIRP Limit (mW)	Verdict
11a	CH52	21.34	136.14	832	Pass
11a	CH60	21.34	136.14	833	Pass
11a	CH64	21.59	144.21	832	Pass
11n (HT20)	CH52	20.40	109.65	883	Pass
11n (HT20)	CH60	20.48	111.69	883	Pass
11n (HT20)	CH64	19.14	82.04	882	Pass
11n (HT40)	CH54	20.48	111.69	1000	Pass
11n (HT40)	CH62	15.35	34.28	1000	Pass
11ac (VHT20)	CH52	20.37	108.89	882	Pass
11ac (VHT20)	CH60	20.49	111.94	883	Pass
11ac (HVT20)	CH64	19.48	88.72	882	Pass
11ac (VHT40)	CH54	20.55	113.50	1000	Pass
11ac (VHT40)	CH62	14.18	26.18	1000	Pass
11ac (VHT80)	CH58	13.33	21.53	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	IC EIRP Limit (mW)	Verdict
11a	CH100	19.47	88.51	835	Pass
11a	CH116	22.20	165.96	836	Pass
11a	CH140	16.65	46.24	836	Pass
11n (HT20)	CH100	19.76	94.62	885	Pass
11n (HT20)	CH116	20.85	121.62	883	Pass
11n (HT20)	CH140	16.83	48.19	884	Pass
11n (HT40)	CH102	13.64	23.12	1000	Pass
11n (HT40)	CH118	21.13	129.72	1000	Pass
11n (HT40)	CH134	17.00	50.12	1000	Pass
11ac (VHT20)	CH100	19.64	92.04	883	Pass
11ac (VHT20)	CH116	20.92	123.59	884	Pass
11ac (VHT20)	CH140	15.89	38.82	885	Pass
11ac (VHT40)	CH102	14.38	27.42	1000	Pass
11ac (VHT40)	CH118	20.98	125.31	1000	Pass
11ac (VHT40)	CH134	18.13	65.01	1000	Pass
11ac (VHT80)	CH106	12.61	18.24	1000	Pass
11ac (VHT80)	CH122	17.19	52.36	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Power (mW)	Verdict
11a	CH149	21.63	145.55	Pass
11a	CH157	21.25	133.35	Pass
11a	CH165	22.21	166.34	Pass
11n (HT20)	CH149	20.56	113.76	Pass
11n (HT20)	CH157	20.11	102.57	Pass
11n (HT20)	CH165	21.08	128.23	Pass
11n (HT40)	CH151	20.38	109.14	Pass
11n (HT40)	CH159	20.57	114.02	Pass
11ac (VHT20)	CH149	20.46	111.17	Pass
11ac (VHT20)	CH157	20.07	101.62	Pass
11ac (VHT20)	CH165	21.05	127.35	Pass
11ac (VHT40)	CH151	20.31	107.40	Pass
11ac (VHT40)	CH159	20.34	108.14	Pass
11ac (VHT80)	CH155	17.86	61.09	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ21A0154-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.64	16.61
11a	CH44	19.74	16.63
11a	CH48	19.70	16.61
11n (HT20)	CH36	20.06	17.61
11n (HT20)	CH44	20.17	17.63
11n (HT20)	CH48	20.17	17.61
11n (HT40)	CH38	40.84	36.17
11n (HT40)	CH46	40.90	36.22
11ac (VHT20)	CH36	20.04	17.62
11ac (VHT20)	CH44	20.19	17.62
11ac (VHT20)	CH48	20.08	17.61
11ac (VHT40)	CH38	40.69	36.13
11ac (VHT40)	CH46	40.95	36.21
11ac (VHT80)	CH42	155.10	76.65

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	19.60	16.60
11a	CH60	19.80	16.61
11a	CH64	19.71	16.59
11n (HT20)	CH52	20.10	17.62
11n (HT20)	CH60	20.09	17.62
11n (HT20)	CH64	20.10	17.61
11n (HT40)	CH54	40.80	36.17
11n (HT40)	CH62	40.60	36.10
11ac (VHT20)	CH52	20.02	17.59
11ac (VHT20)	CH60	20.15	17.63
11ac (VHT20)	CH64	20.01	17.60
11ac (VHT40)	CH54	40.86	36.16
11ac (VHT40)	CH62	40.78	36.09
11ac (VHT80)	CH58	83.51	76.52

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	19.94	16.66
11a	CH116	23.78	16.69
11a	CH140	20.29	16.68
11n (HT20)	CH100	22.21	17.66
11n (HT20)	CH116	20.43	17.62
11n (HT20)	CH140	20.28	17.63
11n (HT40)	CH102	40.44	36.12
11n (HT40)	CH118	53.99	36.30
11n (HT40)	CH134	57.68	36.22
11ac (VHT20)	CH100	20.34	17.63
11ac (VHT20)	CH116	20.34	17.64
11ac (VHT20)	CH140	20.77	17.65
11ac (VHT40)	CH102	46.43	36.23
11ac (VHT40)	CH118	46.79	36.25
11ac (VHT40)	CH134	46.37	36.20
11ac (VHT80)	CH106	159.80	76.89
11ac (VHT80)	CH122	159.40	76.96

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.42	16.67
11a	CH157	21.92	16.68
11a	CH165	22.07	16.68
11n (HT20)	CH149	20.44	17.62
11n (HT20)	CH157	20.48	17.66
11n (HT20)	CH165	20.48	17.64
11n (HT40)	CH151	45.79	36.19
11n (HT40)	CH159	60.21	36.32
11ac (VHT20)	CH149	20.45	17.62
11ac (VHT20)	CH157	20.45	17.65
11ac (VHT20)	CH165	21.18	17.67
11ac (VHT40)	CH151	55.16	36.20
11ac (VHT40)	CH159	41.00	36.25
11ac (VHT80)	CH155	160.00	77.12

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ21A0154-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.45	500.00	Pass
11a	CH157	16.45	500.00	Pass
11a	CH165	16.40	500.00	Pass
11n (HT20)	CH149	17.60	500.00	Pass
11n (HT20)	CH157	17.65	500.00	Pass
11n (HT20)	CH165	17.40	500.00	Pass
11n (HT40)	CH151	35.50	500.00	Pass
11n (HT40)	CH159	35.50	500.00	Pass
11ac (VHT20)	CH149	17.40	500.00	Pass
11ac (VHT20)	CH157	17.45	500.00	Pass
11ac (VHT20)	CH165	17.65	500.00	Pass
11ac (VHT40)	CH151	35.60	500.00	Pass
11ac (VHT40)	CH159	35.55	500.00	Pass
11ac (VHT80)	CH155	76.45	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document "Annex No.: BL-SZ21A0154-604 Data Part 3.pdf".

Note 2: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.83	11.00	Pass
11a	CH44	3.60	11.00	Pass
11a	CH48	3.79	11.00	Pass
11n (HT20)	CH36	3.36	11.00	Pass
11n (HT20)	CH44	2.62	11.00	Pass
11n (HT20)	CH48	3.02	11.00	Pass
11n (HT40)	CH38	-0.07	11.00	Pass
11n (HT40)	CH46	-0.19	11.00	Pass
11ac (VHT20)	CH36	3.46	11.00	Pass
11ac (VHT20)	CH44	2.85	11.00	Pass
11ac (VHT20)	CH48	3.27	11.00	Pass
11ac (VHT40)	CH38	-0.05	11.00	Pass
11ac (VHT40)	CH46	-0.21	11.00	Pass
11ac (VHT80)	CH42	-5.99	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.22	11.00	Pass
11a	CH60	4.28	11.00	Pass
11a	CH64	4.21	11.00	Pass
11n (HT20)	CH52	2.96	11.00	Pass
11n (HT20)	CH60	3.25	11.00	Pass
11n (HT20)	CH64	1.91	11.00	Pass
11n (HT40)	CH54	0.18	11.00	Pass
11n (HT40)	CH62	-5.26	11.00	Pass
11ac (VHT20)	CH52	3.07	11.00	Pass
11ac (VHT20)	CH60	3.34	11.00	Pass
11ac (VHT20)	CH64	1.86	11.00	Pass
11ac (VHT40)	CH54	0.31	11.00	Pass
11ac (VHT40)	CH62	-6.48	11.00	Pass
11ac (VHT80)	CH58	-10.94	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.26	11.00	Pass
11a	CH116	5.03	11.00	Pass
11a	CH140	-0.20	11.00	Pass
11n (HT20)	CH100	2.28	11.00	Pass
11n (HT20)	CH116	3.70	11.00	Pass
11n (HT20)	CH140	-0.62	11.00	Pass
11n (HT40)	CH102	-6.44	11.00	Pass
11n (HT40)	CH118	0.31	11.00	Pass
11n (HT40)	CH134	-3.28	11.00	Pass
11ac (VHT20)	CH100	2.39	11.00	Pass
11ac (VHT20)	CH116	3.71	11.00	Pass
11ac (VHT20)	CH140	-1.63	11.00	Pass
11ac (VHT40)	CH102	-6.17	11.00	Pass
11ac (VHT40)	CH118	0.38	11.00	Pass
11ac (VHT40)	CH134	-2.57	11.00	Pass
11ac (VHT80)	CH106	-11.77	11.00	Pass
11ac (VHT80)	CH122	-7.11	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.00	30.00	Pass
11a	CH157	1.18	30.00	Pass
11a	CH165	2.39	30.00	Pass
11n (HT20)	CH149	0.55	30.00	Pass
11n (HT20)	CH157	-0.15	30.00	Pass
11n (HT20)	CH165	1.04	30.00	Pass
11n (HT40)	CH151	-2.80	30.00	Pass
11n (HT40)	CH159	-2.45	30.00	Pass
11ac (VHT20)	CH149	0.54	30.00	Pass
11ac (VHT20)	CH157	0.16	30.00	Pass
11ac (VHT20)	CH165	0.89	30.00	Pass
11ac (VHT40)	CH151	-2.84	30.00	Pass
11ac (VHT40)	CH159	-2.59	30.00	Pass
11ac (VHT80)	CH155	-8.26	30.00	Pass

EIRP PSD

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH36	9.73	10.00	Pass
11a	CH44	9.50	10.00	Pass
11a	CH48	9.69	10.00	Pass
11n (HT20)	CH36	9.26	10.00	Pass
11n (HT20)	CH44	8.52	10.00	Pass
11n (HT20)	CH48	8.92	10.00	Pass
11n (HT40)	CH38	5.83	10.00	Pass
11n (HT40)	CH46	5.71	10.00	Pass
11ac (VHT20)	CH36	9.36	10.00	Pass
11ac (VHT20)	CH44	8.75	10.00	Pass
11ac (VHT20)	CH48	9.17	10.00	Pass
11ac (VHT40)	CH38	5.85	10.00	Pass
11ac (VHT40)	CH46	5.69	10.00	Pass
11ac (VHT80)	CH42	-0.09	10.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	10.12		Pass
11a	CH60	10.18		Pass
11a	CH64	10.11		Pass
11n (HT20)	CH52	8.86		Pass
11n (HT20)	CH60	9.15		Pass
11n (HT20)	CH64	7.81		Pass
11n (HT40)	CH54	6.08		Pass
11n (HT40)	CH62	0.64		Pass
11ac (VHT20)	CH52	8.97		Pass
11ac (VHT20)	CH60	9.24		Pass
11ac (VHT20)	CH64	7.76		Pass
11ac (VHT40)	CH54	6.21		Pass
11ac (VHT40)	CH62	-0.58		Pass
11ac (VHT80)	CH58	-5.04		Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH100	8.16	Pass
11a	CH116	10.93	Pass
11a	CH140	5.70	Pass
11n (HT20)	CH100	8.18	Pass
11n (HT20)	CH116	9.60	Pass
11n (HT20)	CH140	5.28	Pass
11n (HT40)	CH102	-0.54	Pass
11n (HT40)	CH118	6.21	Pass
11n (HT40)	CH134	2.62	Pass
11ac (VHT20)	CH100	8.29	Pass
11ac (VHT20)	CH116	9.61	Pass
11ac (VHT20)	CH140	4.27	Pass
11ac (VHT40)	CH102	-0.27	Pass
11ac (VHT40)	CH118	6.28	Pass
11ac (VHT40)	CH134	3.33	Pass
11ac (VHT80)	CH106	-5.87	Pass
11ac (VHT80)	CH122	-1.21	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH149	7.90	Pass
11a	CH157	7.08	Pass
11a	CH165	8.29	Pass
11n (HT20)	CH149	6.45	Pass
11n (HT20)	CH157	5.75	Pass
11n (HT20)	CH165	6.94	Pass
11n (HT40)	CH151	3.10	Pass
11n (HT40)	CH159	3.45	Pass
11ac (VHT20)	CH149	6.44	Pass
11ac (VHT20)	CH157	6.06	Pass
11ac (VHT20)	CH165	6.79	Pass
11ac (VHT40)	CH151	3.06	Pass
11ac (VHT40)	CH159	3.31	Pass
11ac (VHT80)	CH155	-2.36	Pass

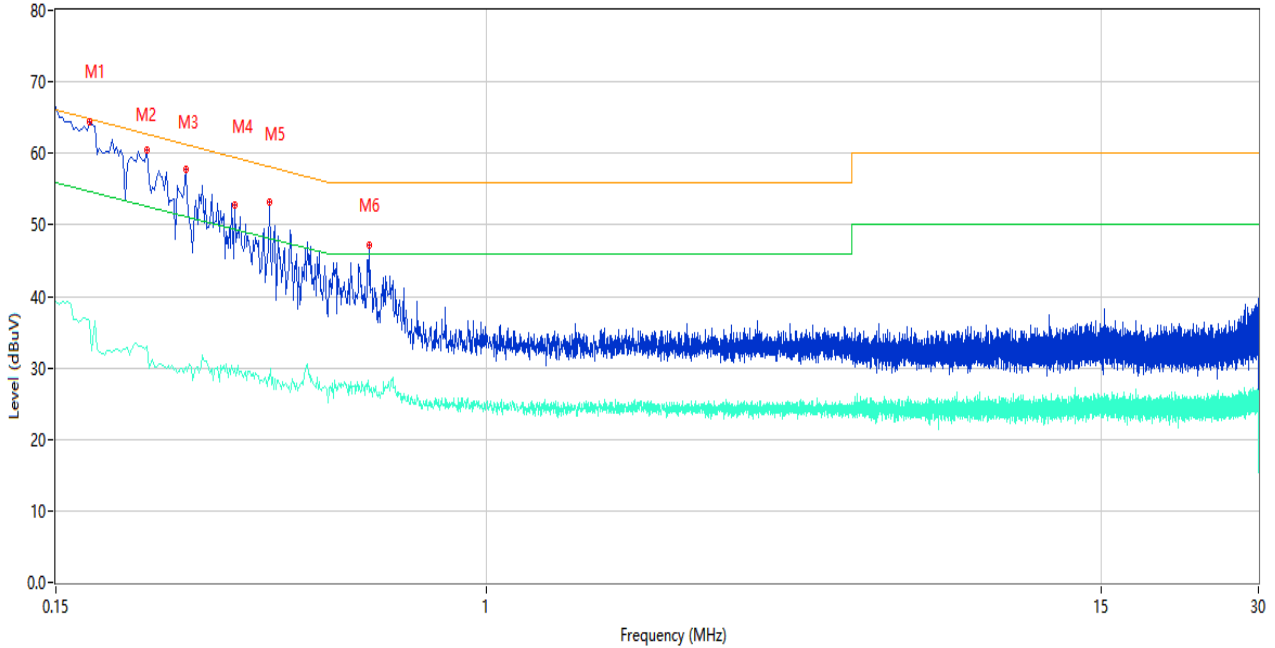
A.5 Conducted Emissions

Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
 Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

PHASE L

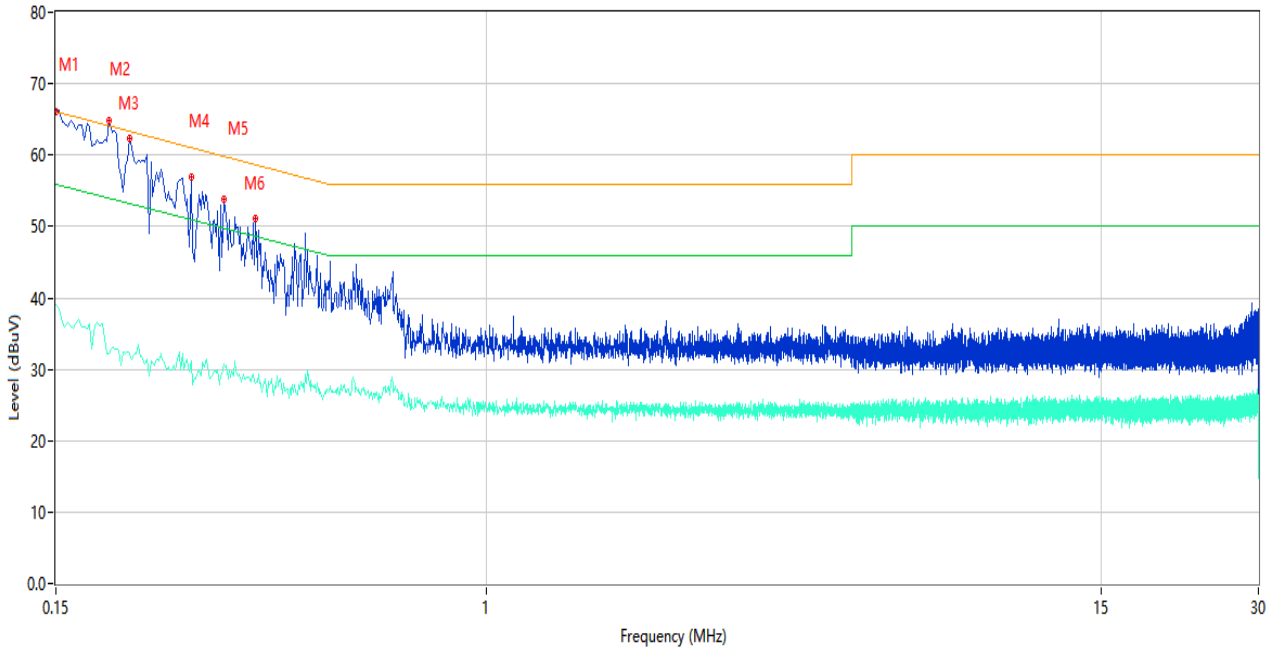
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.174	64.07	10.98	64.77	-0.70	Peak	L	N/A
1*	0.174	60.23	10.98	64.77	-4.54	QP	L	Pass
1**	0.174	35.89	10.98	54.77	-18.88	AV	L	Pass
2	0.236	59.66	10.93	62.24	-2.58	Peak	L	N/A
2*	0.236	57.12	10.93	62.24	-5.12	QP	L	Pass
2**	0.236	32.17	10.93	52.24	-20.07	AV	L	Pass
3	0.266	57.81	10.91	61.24	-3.43	Peak	L	Pass
3**	0.266	33.22	10.91	51.24	-18.02	AV	L	Pass
4	0.330	52.68	10.89	59.45	-6.77	Peak	L	Pass
4**	0.330	29.87	10.89	49.45	-19.58	AV	L	Pass
5	0.384	53.11	10.90	58.19	-5.08	Peak	L	Pass
5**	0.384	28.48	10.90	48.19	-19.71	AV	L	Pass
6	0.598	47.14	10.88	56.00	-8.86	Peak	L	Pass
6**	0.598	27.35	10.88	46.00	-18.65	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	0.152	67.82	10.99	65.89	1.93	Peak	N	N/A
1*	0.152	62.12	10.99	65.89	-3.72	QP	N	Pass
1**	0.152	40.36	10.99	55.89	-15.53	AV	N	Pass
2	0.192	66.43	10.96	63.95	2.48	Peak	N	N/A
2	0.192	59.61	10.96	63.95	-4.34	QP	N	Pass
2**	0.192	39.05	10.96	53.95	-14.90	AV	N	Pass
3	0.208	61.85	10.95	63.28	-1.43	Peak	N	N/A
3*	0.208	58.78	10.95	63.28	-5.17	QP	N	Pass
3**	0.208	33.71	10.95	53.28	-19.57	AV	N	Pass
4	0.272	56.90	10.90	61.06	-4.16	Peak	N	Pass
4**	0.272	31.21	10.90	51.06	-19.85	AV	N	Pass
5	0.314	53.77	10.88	59.86	-6.09	Peak	N	Pass
5**	0.314	30.69	10.88	49.86	-19.17	AV	N	Pass
6	0.362	51.02	10.89	58.68	-7.66	Peak	N	Pass
6**	0.362	28.05	10.89	48.68	-20.63	AV	N	Pass

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

Test Data

Note 1: The symbol of "--" in the table which means not application.

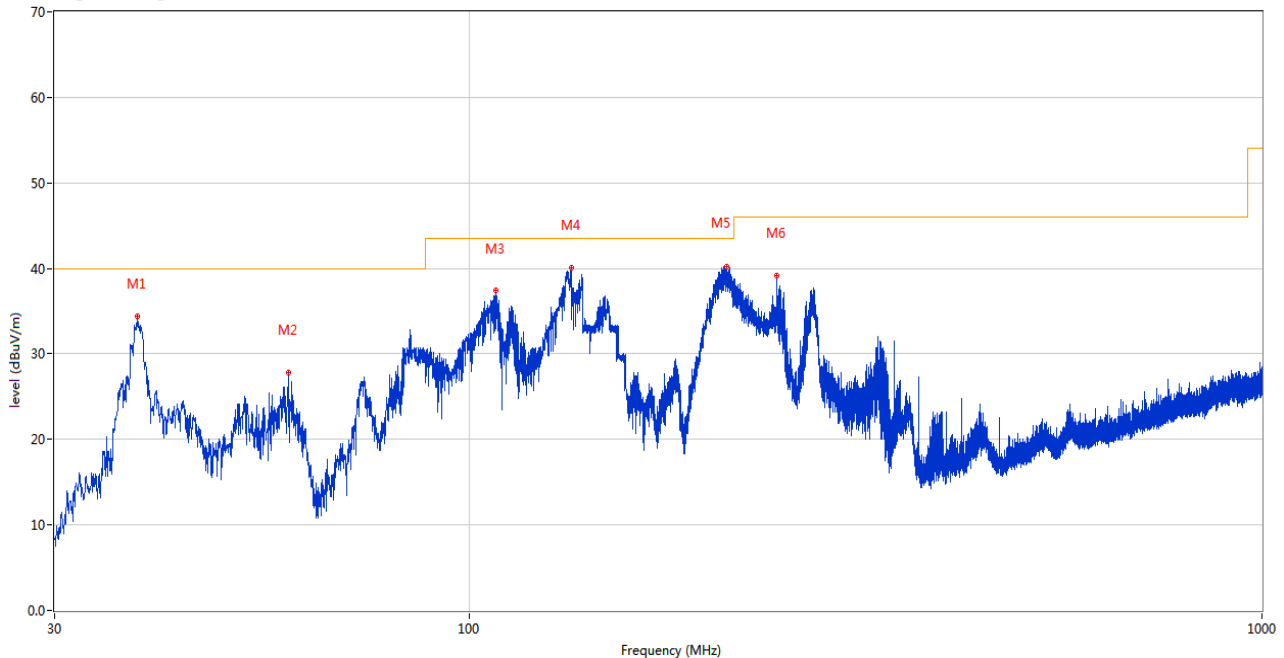
Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

30 MHz to 1 GHz, ANT H

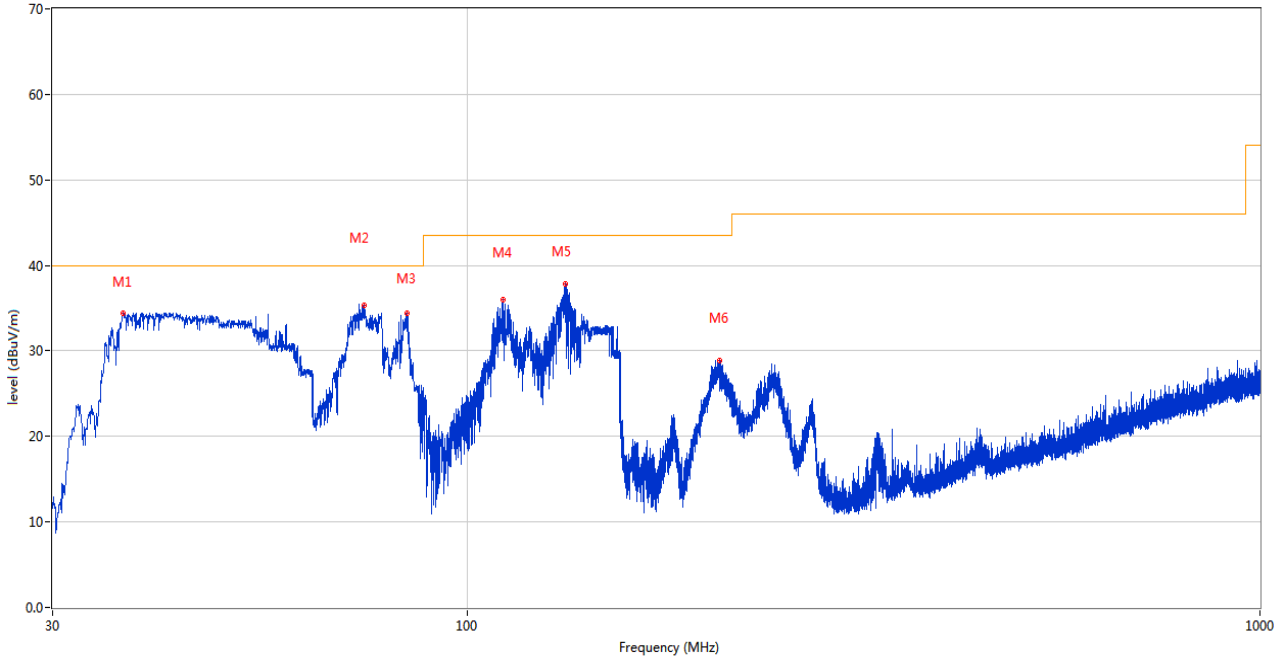
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.148	34.34	-26.39	40.0	-5.66	Peak	349.00	100	Horizontal	Pass
2	59.148	27.87	-27.56	40.0	-12.13	Peak	161.00	200	Horizontal	Pass
3	108.230	37.40	-28.55	43.5	-6.10	Peak	0.00	200	Horizontal	Pass
4	134.518	40.02	-26.09	43.5	-3.48	Peak	182.00	200	Horizontal	Pass
5	211.536	40.26	-28.16	43.5	-3.24	Peak	21.00	100	Horizontal	Pass
6	244.516	39.14	-26.02	46.0	-6.86	Peak	134.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.839	34.77	-26.49	40.0	-5.23	Peak	193.00	100	Vertical	Pass
2	74.087	35.27	-29.70	40.0	-4.73	Peak	0.00	200	Vertical	Pass
3	84.029	34.64	-30.32	40.0	-5.36	Peak	110.00	200	Vertical	Pass
4	111.092	36.03	-28.22	43.5	-7.47	Peak	337.00	100	Vertical	Pass
5	132.820	37.86	-26.28	43.5	-5.64	Peak	289.00	100	Vertical	Pass
6	208.480	28.84	-28.16	43.5	-14.66	Peak	287.00	200	Vertical	Pass

Note: The spurious above 18G is noise only, do not show on the 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	1197.700	47.16	-17.73	74.0	-26.84	Peak	199.00	150	Horizontal	Pass
1**	1197.700	29.46	-17.73	54.0	-24.54	AV	199.00	150	Horizontal	Pass
2	2858.300	43.76	-10.05	74.0	-30.24	Peak	235.00	150	Horizontal	Pass
2**	2858.300	34.19	-10.05	54.0	-19.81	AV	235.00	150	Horizontal	Pass
3	4120.250	47.78	-6.20	74.0	-26.22	Peak	213.00	150	Horizontal	Pass
3**	4120.250	38.15	-6.20	54.0	-15.85	AV	213.00	150	Horizontal	Pass
4	5182.500	106.31	-2.86	--	--	Peak	124.00	150	Horizontal	N/A
4**	5182.500	99.58	-2.86	--	--	AV	124.00	150	Horizontal	N/A
5	11774.113	49.66	-3.76	74.0	-24.34	Peak	213.00	150	Horizontal	Pass
5**	11774.113	40.27	-3.76	54.0	-13.73	AV	213.00	150	Horizontal	Pass
6	15932.287	52.04	-0.57	74.0	-21.96	Peak	183.00	150	Horizontal	Pass
6**	15932.287	43.62	-0.57	54.0	-10.38	AV	183.00	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	1195.600	44.30	-17.81	74.0	-29.70	Peak	229.00	150	Vertical	Pass
1**	1195.600	33.12	-17.81	54.0	-20.88	AV	229.00	150	Vertical	Pass
2	2813.100	42.76	-10.83	74.0	-31.24	Peak	194.00	150	Vertical	Pass
2**	2813.100	32.94	-10.83	54.0	-21.06	AV	194.00	150	Vertical	Pass
3	4200.250	48.19	-6.11	74.0	-25.81	Peak	350.00	150	Vertical	Pass
3**	4200.250	37.90	-6.11	54.0	-16.10	AV	350.00	150	Vertical	Pass
4	5181.750	101.10	-2.97	--	--	Peak	147.00	150	Vertical	N/A
4**	5181.750	94.09	-2.97	--	--	AV	147.00	150	Vertical	N/A
5	11761.762	49.47	-3.87	74.0	-24.53	Peak	58.00	150	Vertical	Pass
5**	11761.762	39.97	-3.87	54.0	-14.03	AV	58.00	150	Vertical	Pass
6	15941.213	52.05	-0.40	74.0	-21.95	Peak	181.00	150	Vertical	Pass
6**	15941.213	42.82	-0.40	54.0	-11.18	AV	181.00	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	1395.300	42.55	-17.10	74.0	-31.45	Peak	306.00	150	Horizontal	Pass
1**	1395.300	30.05	-17.10	54.0	-23.95	AV	306.00	150	Horizontal	Pass
2	2746.800	42.87	-10.65	74.0	-31.13	Peak	295.00	150	Horizontal	Pass
2**	2746.800	34.14	-10.65	54.0	-19.86	AV	295.00	150	Horizontal	Pass
3	4068.500	47.98	-5.89	74.0	-26.02	Peak	255.00	150	Horizontal	Pass
3**	4068.500	38.16	-5.89	54.0	-15.84	AV	255.00	150	Horizontal	Pass
4	5217.750	106.28	-2.84	--	--	Peak	117.00	150	Horizontal	N/A
4**	5217.750	98.40	-2.84	--	--	AV	117.00	150	Horizontal	N/A
5	11153.526	49.54	-4.39	74.0	-24.46	Peak	141.00	150	Horizontal	Pass
5**	11153.526	40.03	-4.39	54.0	-13.97	AV	141.00	150	Horizontal	Pass
6	15938.062	52.39	-0.46	74.0	-21.61	Peak	184.00	150	Horizontal	Pass
6**	15938.062	42.44	-0.46	54.0	-11.56	AV	184.00	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	1196.400	43.01	-17.85	74.0	-30.99	Peak	19.00	150	Vertical	Pass
1**	1196.400	28.42	-17.85	54.0	-25.58	AV	19.00	150	Vertical	Pass
2	2777.500	43.03	-10.83	74.0	-30.97	Peak	211.00	150	Vertical	Pass
2**	2777.500	33.84	-10.83	54.0	-20.16	AV	211.00	150	Vertical	Pass
3	4031.500	46.79	-6.28	74.0	-27.21	Peak	287.00	150	Vertical	Pass
3**	4031.500	38.05	-6.28	54.0	-15.95	AV	287.00	150	Vertical	Pass
4	5222.500	101.41	-3.02	--	--	Peak	141.00	150	Vertical	N/A
4**	5222.500	93.44	-3.02	--	--	AV	141.00	150	Vertical	N/A
5	11869.825	49.87	-3.26	74.0	-24.13	Peak	65.00	150	Vertical	Pass
5**	11869.825	39.33	-3.26	54.0	-14.67	AV	65.00	150	Vertical	Pass
6	15877.162	52.12	-1.00	74.0	-21.88	Peak	38.00	150	Vertical	Pass
6**	15877.162	41.69	-1.00	54.0	-12.31	AV	38.00	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	1565.500	44.06	-17.12	74.0	-29.94	Peak	254.00	150	Horizontal	Pass
1**	1565.500	31.36	-17.12	54.0	-22.64	AV	254.00	150	Horizontal	Pass
2	2803.600	43.25	-10.53	74.0	-30.75	Peak	89.00	150	Horizontal	Pass
2**	2803.600	33.32	-10.53	54.0	-20.68	AV	89.00	150	Horizontal	Pass
3	4252.750	48.43	-4.41	74.0	-25.57	Peak	328.00	150	Horizontal	Pass
3**	4252.750	39.62	-4.41	54.0	-14.38	AV	328.00	150	Horizontal	Pass
4	5236.750	105.47	-3.31	--	--	Peak	117.00	150	Horizontal	N/A
4**	5236.750	98.54	-3.31	--	--	AV	117.00	150	Horizontal	N/A
5	11889.776	50.09	-3.31	74.0	-23.91	Peak	73.00	150	Horizontal	Pass
5**	11889.776	39.42	-3.31	54.0	-14.58	AV	73.00	150	Horizontal	Pass
6	15976.912	52.01	-0.19	74.0	-21.99	Peak	166.00	150	Horizontal	Pass
6**	15976.912	42.90	-0.19	54.0	-11.10	AV	166.00	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	1460.700	44.16	-17.26	74.0	-29.84	Peak	156.00	150	Vertical	Pass
1**	1460.700	33.45	-17.26	54.0	-20.55	AV	156.00	150	Vertical	Pass
2	2817.300	43.56	-10.92	74.0	-30.44	Peak	38.00	150	Vertical	Pass
2**	2817.300	33.54	-10.92	54.0	-20.46	AV	38.00	150	Vertical	Pass
3	4039.250	47.37	-6.07	74.0	-26.63	Peak	28.00	150	Vertical	Pass
3**	4039.250	37.75	-6.07	54.0	-16.25	AV	28.00	150	Vertical	Pass
4	5238.250	99.62	-3.38	--	--	Peak	117.00	150	Vertical	N/A
4**	5238.250	91.81	-3.38	--	--	AV	117.00	150	Vertical	N/A
5	11842.987	49.99	-3.25	74.0	-24.01	Peak	117.00	150	Vertical	Pass
5**	11842.987	39.57	-3.25	54.0	-14.43	AV	117.00	150	Vertical	Pass
6	15988.463	51.96	-0.17	74.0	-22.04	Peak	169.00	150	Vertical	Pass
6**	15988.463	42.75	-0.17	54.0	-11.25	AV	169.00	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	1199.600	44.29	-17.66	74.0	-29.71	Peak	147.00	150	Horizontal	Pass
1**	1199.600	29.03	-17.66	54.0	-24.97	AV	147.00	150	Horizontal	Pass
2	2808.300	43.21	-10.58	74.0	-30.79	Peak	334.00	150	Horizontal	Pass
2**	2808.300	33.96	-10.58	54.0	-20.04	AV	334.00	150	Horizontal	Pass
3	3986.250	47.91	-5.60	74.0	-26.09	Peak	198.00	150	Horizontal	Pass
3**	3986.250	38.89	-5.60	54.0	-15.11	AV	198.00	150	Horizontal	Pass
4	5183.000	105.51	-2.81	--	--	Peak	117.00	150	Horizontal	N/A
4**	5183.000	98.24	-2.81	--	--	AV	117.00	150	Horizontal	N/A
5	12469.037	50.89	-2.27	74.0	-23.11	Peak	149.00	150	Horizontal	Pass
5**	12469.037	41.21	-2.27	54.0	-12.79	AV	149.00	150	Horizontal	Pass
6	15942.263	52.32	-0.38	74.0	-21.68	Peak	230.00	150	Horizontal	Pass
6**	15942.263	42.56	-0.38	54.0	-11.44	AV	230.00	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	1394.800	45.99	-17.04	74.0	-28.01	Peak	171.00	150	Vertical	Pass
1**	1394.800	29.58	-17.04	54.0	-24.42	AV	171.00	150	Vertical	Pass
2	2743.000	43.49	-10.51	74.0	-30.51	Peak	103.00	150	Vertical	Pass
2**	2743.000	34.23	-10.51	54.0	-19.77	AV	103.00	150	Vertical	Pass
3	4104.000	47.85	-5.60	74.0	-26.15	Peak	126.00	150	Vertical	Pass
3**	4104.000	38.37	-5.60	54.0	-15.63	AV	126.00	150	Vertical	Pass
4	5177.500	100.48	-3.30	--	--	Peak	141.00	150	Vertical	N/A
4**	5177.500	91.97	-3.30	--	--	AV	141.00	150	Vertical	N/A
5	11211.950	49.43	-4.09	74.0	-24.57	Peak	143.00	150	Vertical	Pass
5**	11211.950	40.38	-4.09	54.0	-13.62	AV	143.00	150	Vertical	Pass
6	15854.850	52.90	-0.81	74.0	-21.10	Peak	303.00	150	Vertical	Pass
6**	15854.850	43.19	-0.81	54.0	-10.81	AV	303.00	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	1395.100	44.42	-17.07	74.0	-29.58	Peak	303.00	150	Horizontal	Pass
1**	1395.100	29.45	-17.07	54.0	-24.55	AV	303.00	150	Horizontal	Pass
2	2735.100	43.44	-10.79	74.0	-30.56	Peak	123.00	150	Horizontal	Pass
2**	2735.100	34.40	-10.79	54.0	-19.60	AV	123.00	150	Horizontal	Pass
3	4258.000	48.40	-4.52	74.0	-25.60	Peak	208.00	150	Horizontal	Pass
3**	4258.000	39.44	-4.52	54.0	-14.56	AV	208.00	150	Horizontal	Pass
4	5230.250	104.92	-3.33	--	--	Peak	110.00	150	Horizontal	N/A
4**	5230.250	97.23	-3.33	--	--	AV	110.00	150	Horizontal	N/A
5	11768.412	50.11	-3.81	74.0	-23.89	Peak	252.00	150	Horizontal	Pass
5**	11768.412	39.37	-3.81	54.0	-14.63	AV	252.00	150	Horizontal	Pass
6	15991.349	52.09	-0.17	74.0	-21.91	Peak	229.00	150	Horizontal	Pass
6**	15991.349	43.25	-0.17	54.0	-10.75	AV	229.00	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	1198.500	44.19	-17.65	74.0	-29.81	Peak	173.00	150	Vertical	Pass
1**	1198.500	29.38	-17.65	54.0	-24.62	AV	173.00	150	Vertical	Pass
2	2828.300	43.38	-10.88	74.0	-30.62	Peak	232.00	150	Vertical	Pass
2**	2828.300	34.06	-10.88	54.0	-19.94	AV	232.00	150	Vertical	Pass
3	3981.500	47.10	-5.46	74.0	-26.90	Peak	271.00	150	Vertical	Pass
3**	3981.500	37.61	-5.46	54.0	-16.39	AV	271.00	150	Vertical	Pass
4	5230.750	98.64	-3.41	--	--	Peak	117.00	150	Vertical	N/A
4**	5230.750	91.16	-3.41	--	--	AV	117.00	150	Vertical	N/A
5	12048.900	49.97	-3.33	74.0	-24.03	Peak	220.00	150	Vertical	Pass
5**	12048.900	40.52	-3.33	54.0	-13.48	AV	220.00	150	Vertical	Pass
6	15952.763	52.84	-0.23	74.0	-21.16	Peak	315.00	150	Vertical	Pass
6**	15952.763	42.90	-0.23	54.0	-11.10	AV	315.00	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	1197.500	44.05	-17.75	74.0	-29.95	Peak	53.00	150	Horizontal	Pass
1**	1197.500	28.57	-17.75	54.0	-25.43	AV	53.00	150	Horizontal	Pass
2	2750.900	43.30	-11.03	74.0	-30.70	Peak	360.00	150	Horizontal	Pass
2**	2750.900	33.99	-11.03	54.0	-20.01	AV	360.00	150	Horizontal	Pass
3	4256.250	48.85	-4.33	74.0	-25.15	Peak	205.00	150	Horizontal	Pass
3**	4256.250	40.17	-4.33	54.0	-13.83	AV	205.00	150	Horizontal	Pass
4	5242.750	105.12	-3.58	--	--	Peak	115.00	150	Horizontal	N/A
4**	5242.750	97.55	-3.58	--	--	AV	115.00	150	Horizontal	N/A
5	11378.437	49.26	-4.33	74.0	-24.74	Peak	287.00	150	Horizontal	Pass
5**	11378.437	39.95	-4.33	54.0	-14.05	AV	287.00	150	Horizontal	Pass
6	15910.500	52.43	-0.99	74.0	-21.57	Peak	169.00	150	Horizontal	Pass
6**	15910.500	42.48	-0.99	54.0	-11.52	AV	169.00	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	1397.800	47.62	-17.14	74.0	-26.38	Peak	42.00	150	Vertical	Pass
1**	1397.800	37.19	-17.14	54.0	-16.81	AV	42.00	150	Vertical	Pass
2	2819.500	43.06	-10.90	74.0	-30.94	Peak	47.00	150	Vertical	Pass
2**	2819.500	34.69	-10.90	54.0	-19.31	AV	47.00	150	Vertical	Pass
3	3990.250	47.14	-5.85	74.0	-26.86	Peak	102.00	150	Vertical	Pass
3**	3990.250	38.18	-5.85	54.0	-15.82	AV	102.00	150	Vertical	Pass
4	5237.000	98.58	-3.32	--	--	Peak	109.00	150	Vertical	N/A
4**	5237.000	90.73	-3.32	--	--	AV	109.00	150	Vertical	N/A
5	12473.550	50.73	-2.30	74.0	-23.27	Peak	361.00	150	Vertical	Pass
5**	12473.550	40.54	-2.30	54.0	-13.46	AV	361.00	150	Vertical	Pass
6	15864.563	51.94	-0.89	74.0	-22.06	Peak	279.00	150	Vertical	Pass
6**	15864.563	42.95	-0.89	54.0	-11.05	AV	279.00	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	1394.100	43.87	-16.96	74.0	-30.13	Peak	298.00	150	Horizontal	Pass
1**	1394.100	32.71	-16.96	54.0	-21.29	AV	298.00	150	Horizontal	Pass
2	2821.900	43.12	-10.84	74.0	-30.88	Peak	212.00	150	Horizontal	Pass
2**	2821.900	33.20	-10.84	54.0	-20.80	AV	212.00	150	Horizontal	Pass
3	4055.250	47.85	-5.74	74.0	-26.15	Peak	149.00	150	Horizontal	Pass
3**	4055.250	38.31	-5.74	54.0	-15.69	AV	149.00	150	Horizontal	Pass
4	5196.250	102.83	-2.79	--	--	Peak	117.00	150	Horizontal	N/A
4**	5196.250	95.74	-2.79	--	--	AV	117.00	150	Horizontal	N/A
5	12143.188	50.13	-3.23	74.0	-23.87	Peak	0.00	150	Horizontal	Pass
5**	12143.188	39.73	-3.23	54.0	-14.27	AV	0.00	150	Horizontal	Pass
6	15953.549	52.45	-0.23	74.0	-21.55	Peak	261.00	150	Horizontal	Pass
6**	15953.549	43.62	-0.23	54.0	-10.38	AV	261.00	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	1463.900	45.86	-17.23	74.0	-28.14	Peak	157.00	150	Vertical	Pass
1**	1463.900	37.92	-17.23	54.0	-16.08	AV	157.00	150	Vertical	Pass
2	2860.000	43.70	-10.17	74.0	-30.30	Peak	45.00	150	Vertical	Pass
2**	2860.000	34.50	-10.17	54.0	-19.50	AV	45.00	150	Vertical	Pass
3	4094.500	47.00	-5.63	74.0	-27.00	Peak	271.00	150	Vertical	Pass
3**	4094.500	38.73	-5.63	54.0	-15.27	AV	271.00	150	Vertical	Pass
4	5184.250	97.65	-3.01	--	--	Peak	141.00	150	Vertical	N/A
4**	5184.250	90.17	-3.01	--	--	AV	141.00	150	Vertical	N/A
5	11178.937	49.49	-4.20	74.0	-24.51	Peak	360.00	150	Vertical	Pass
5**	11178.937	39.80	-4.20	54.0	-14.20	AV	360.00	150	Vertical	Pass
6	16064.588	52.26	-0.36	74.0	-21.74	Peak	230.00	150	Vertical	Pass
6**	16064.588	42.25	-0.36	54.0	-11.75	AV	230.00	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	1396.100	46.52	-17.19	74.0	-27.48	Peak	166.00	150	Horizontal	Pass
1**	1396.100	36.66	-17.19	54.0	-17.34	AV	166.00	150	Horizontal	Pass
2	2840.000	43.70	-10.73	74.0	-30.30	Peak	64.00	150	Horizontal	Pass
2**	2840.000	33.82	-10.73	54.0	-20.18	AV	64.00	150	Horizontal	Pass
3	3841.750	47.69	-6.32	74.0	-26.31	Peak	306.00	150	Horizontal	Pass
3**	3841.750	37.30	-6.32	54.0	-16.70	AV	306.00	150	Horizontal	Pass
4	5225.750	102.51	-3.14	--	--	Peak	119.00	150	Horizontal	N/A
4**	5225.750	95.23	-3.14	--	--	AV	119.00	150	Horizontal	N/A
5	11578.174	49.21	-4.24	74.0	-24.79	Peak	22.00	150	Horizontal	Pass
5**	11578.174	39.91	-4.24	54.0	-14.09	AV	22.00	150	Horizontal	Pass
6	16002.638	52.21	-0.15	74.0	-21.79	Peak	104.00	150	Horizontal	Pass
6**	16002.638	44.39	-0.15	54.0	-9.61	AV	104.00	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	1400.000	46.67	-17.20	74.0	-27.33	Peak	38.00	150	Vertical	Pass
1**	1400.000	33.75	-17.20	54.0	-20.25	AV	38.00	150	Vertical	Pass
2	2813.600	42.85	-10.88	74.0	-31.15	Peak	239.00	150	Vertical	Pass
2**	2813.600	33.63	-10.88	54.0	-20.37	AV	239.00	150	Vertical	Pass
3	4059.500	48.04	-5.87	74.0	-25.96	Peak	124.00	150	Vertical	Pass
3**	4059.500	37.27	-5.87	54.0	-16.73	AV	124.00	150	Vertical	Pass
4	5224.250	96.24	-3.12	--	--	Peak	139.00	150	Vertical	N/A
4**	5224.250	90.19	-3.12	--	--	AV	139.00	150	Vertical	N/A
5	11268.237	49.36	-4.15	74.0	-24.64	Peak	342.00	150	Vertical	Pass
5**	11268.237	39.41	-4.15	54.0	-14.59	AV	342.00	150	Vertical	Pass
6	15951.713	52.30	-0.23	74.0	-21.70	Peak	245.00	150	Vertical	Pass
6**	15951.713	42.81	-0.23	54.0	-11.19	AV	245.00	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	1198.600	43.70	-17.64	74.0	-30.30	Peak	229.00	150	Horizontal	Pass
1**	1198.600	33.36	-17.64	54.0	-20.64	AV	229.00	150	Horizontal	Pass
2	2808.200	43.05	-10.56	74.0	-30.95	Peak	217.00	150	Horizontal	Pass
2**	2808.200	33.93	-10.56	54.0	-20.07	AV	217.00	150	Horizontal	Pass
3	4237.500	48.54	-5.22	74.0	-25.46	Peak	102.00	150	Horizontal	Pass
3**	4237.500	38.76	-5.22	54.0	-15.24	AV	102.00	150	Horizontal	Pass
4	5177.500	105.55	-3.30	--	--	Peak	110.00	150	Horizontal	N/A
4**	5177.500	98.65	-3.30	--	--	AV	110.00	150	Horizontal	N/A
5	11717.112	49.65	-4.12	74.0	-24.35	Peak	112.00	150	Horizontal	Pass
5**	11717.112	40.05	-4.12	54.0	-13.95	AV	112.00	150	Horizontal	Pass
6	15972.975	52.36	-0.19	74.0	-21.64	Peak	360.00	150	Horizontal	Pass
6**	15972.975	43.31	-0.19	54.0	-10.69	AV	360.00	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	1393.600	45.30	-17.02	74.0	-28.70	Peak	32.00	150	Vertical	Pass
1**	1393.600	30.27	-17.02	54.0	-23.73	AV	32.00	150	Vertical	Pass
2	2827.400	43.65	-10.88	74.0	-30.35	Peak	250.00	150	Vertical	Pass
2**	2827.400	33.91	-10.88	54.0	-20.09	AV	250.00	150	Vertical	Pass
3	3986.500	47.71	-5.62	74.0	-26.29	Peak	347.00	150	Vertical	Pass
3**	3986.500	38.26	-5.62	54.0	-15.74	AV	347.00	150	Vertical	Pass
4	5182.500	100.39	-2.86	--	--	Peak	142.00	150	Vertical	N/A
4**	5182.500	93.06	-2.86	--	--	AV	142.00	150	Vertical	N/A
5	12437.450	50.30	-2.34	74.0	-23.70	Peak	11.00	150	Vertical	Pass
5**	12437.450	41.14	-2.34	54.0	-12.86	AV	11.00	150	Vertical	Pass
6	15948.037	51.57	-0.27	74.0	-22.43	Peak	141.00	150	Vertical	Pass
6**	15948.037	43.14	-0.27	54.0	-10.86	AV	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.100	42.22	-17.65	74.0	-31.78	Peak	298.00	150	Horizontal	Pass
1**	1199.100	28.98	-17.65	54.0	-25.02	AV	298.00	150	Horizontal	Pass
2	2767.400	43.12	-10.81	74.0	-30.88	Peak	15.00	150	Horizontal	Pass
2**	2767.400	33.65	-10.81	54.0	-20.35	AV	15.00	150	Horizontal	Pass
3	4256.500	48.14	-4.32	74.0	-25.86	Peak	271.00	150	Horizontal	Pass
3**	4256.500	39.34	-4.32	54.0	-14.66	AV	271.00	150	Horizontal	Pass
4	5222.500	104.53	-3.02	--	--	Peak	117.00	150	Horizontal	N/A
4**	5222.500	97.99	-3.02	--	--	AV	117.00	150	Horizontal	N/A
5	12293.049	50.62	-2.50	74.0	-23.38	Peak	338.00	150	Horizontal	Pass
5**	12293.049	39.24	-2.50	54.0	-14.76	AV	338.00	150	Horizontal	Pass
6	15918.375	51.85	-0.84	74.0	-22.15	Peak	350.00	150	Horizontal	Pass
6**	15918.375	43.07	-0.84	54.0	-10.93	AV	350.00	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	1197.800	40.43	-17.72	74.0	-33.57	Peak	184.00	150	Vertical	Pass
1**	1197.800	28.87	-17.72	54.0	-25.13	AV	184.00	150	Vertical	Pass
2	2791.700	43.46	-10.80	74.0	-30.54	Peak	324.00	150	Vertical	Pass
2**	2791.700	34.09	-10.80	54.0	-19.91	AV	324.00	150	Vertical	Pass
3	4253.000	52.42	-4.43	74.0	-21.58	Peak	173.00	150	Vertical	Pass
3**	4253.000	45.16	-4.43	54.0	-8.84	AV	173.00	150	Vertical	Pass
4	5218.000	99.86	-2.85	--	--	Peak	141.00	150	Vertical	N/A
4**	5218.000	92.47	-2.85	--	--	AV	141.00	150	Vertical	N/A
5	12331.050	50.23	-2.68	74.0	-23.77	Peak	196.00	150	Vertical	Pass
5**	12331.050	39.66	-2.68	54.0	-14.34	AV	196.00	150	Vertical	Pass
6	15873.225	51.96	-0.96	74.0	-22.04	Peak	105.00	150	Vertical	Pass
6**	15873.225	42.36	-0.96	54.0	-11.64	AV	105.00	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	1197.600	44.47	-17.74	74.0	-29.53	Peak	283.00	150	Horizontal	Pass
1**	1197.600	28.39	-17.74	54.0	-25.61	AV	283.00	150	Horizontal	Pass
2	2832.600	43.60	-10.68	74.0	-30.40	Peak	224.00	150	Horizontal	Pass
2**	2832.600	33.43	-10.68	54.0	-20.57	AV	224.00	150	Horizontal	Pass
3	4134.750	47.83	-5.83	74.0	-26.17	Peak	325.00	150	Horizontal	Pass
3**	4134.750	38.65	-5.83	54.0	-15.35	AV	325.00	150	Horizontal	Pass
4	5235.250	105.20	-3.20	--	--	Peak	115.00	150	Horizontal	N/A
4**	5235.250	96.29	-3.20	--	--	AV	115.00	150	Horizontal	N/A
5	12191.162	49.48	-3.02	74.0	-24.52	Peak	289.00	150	Horizontal	Pass
5**	12191.162	39.53	-3.02	54.0	-14.47	AV	289.00	150	Horizontal	Pass
6	15615.713	51.74	-1.28	74.0	-22.26	Peak	31.00	150	Horizontal	Pass
6**	15615.713	41.99	-1.28	54.0	-12.01	AV	31.00	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	1198.800	43.69	-17.64	74.0	-30.31	Peak	17.00	150	Vertical	Pass
1**	1198.800	27.52	-17.64	54.0	-26.48	AV	17.00	150	Vertical	Pass
2	2736.700	43.42	-10.63	74.0	-30.58	Peak	0.00	150	Vertical	Pass
2**	2736.700	34.27	-10.63	54.0	-19.73	AV	0.00	150	Vertical	Pass
3	4264.500	52.73	-5.07	74.0	-21.27	Peak	173.00	150	Vertical	Pass
3**	4264.500	46.21	-5.07	54.0	-7.79	AV	173.00	150	Vertical	Pass
4	5236.000	98.84	-3.27	--	--	Peak	117.00	150	Vertical	N/A
4**	5236.000	90.39	-3.27	--	--	AV	117.00	150	Vertical	N/A
5	12573.300	50.79	-2.36	74.0	-23.21	Peak	68.00	150	Vertical	Pass
5**	12573.300	41.51	-2.36	54.0	-12.49	AV	68.00	150	Vertical	Pass
6	15949.088	52.13	-0.25	74.0	-21.87	Peak	306.00	150	Vertical	Pass
6**	15949.088	42.69	-0.25	54.0	-11.31	AV	306.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.700	42.18	-17.83	74.0	-31.82	Peak	76.00	150	Horizontal	Pass
1**	1196.700	27.92	-17.83	54.0	-26.08	AV	76.00	150	Horizontal	Pass
2	2798.200	43.44	-10.39	74.0	-30.56	Peak	243.00	150	Horizontal	Pass
2**	2798.200	33.88	-10.39	54.0	-20.12	AV	243.00	150	Horizontal	Pass
3	4240.500	48.08	-4.93	74.0	-25.92	Peak	68.00	150	Horizontal	Pass
3**	4240.500	37.92	-4.93	54.0	-16.08	AV	68.00	150	Horizontal	Pass
4	5183.000	102.54	-2.81	--	--	Peak	117.00	150	Horizontal	N/A
4**	5183.000	94.88	-2.81	--	--	AV	117.00	150	Horizontal	N/A
5	11757.013	50.02	-3.91	74.0	-23.98	Peak	48.00	150	Horizontal	Pass
5**	11757.013	40.10	-3.91	54.0	-13.90	AV	48.00	150	Horizontal	Pass
6	15991.088	52.92	-0.17	74.0	-21.08	Peak	67.00	150	Horizontal	Pass
6**	15991.088	43.25	-0.17	54.0	-10.75	AV	67.00	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	1199.000	44.21	-17.65	74.0	-29.79	Peak	165.00	150	Vertical	Pass
1**	1199.000	28.02	-17.65	54.0	-25.98	AV	165.00	150	Vertical	Pass
2	2811.100	43.66	-10.69	74.0	-30.34	Peak	128.00	150	Vertical	Pass
2**	2811.100	34.17	-10.69	54.0	-19.83	AV	128.00	150	Vertical	Pass
3	4249.500	49.69	-4.29	74.0	-24.31	Peak	173.00	150	Vertical	Pass
3**	4249.500	46.62	-4.29	54.0	-7.38	AV	173.00	150	Vertical	Pass
4	5182.750	97.10	-2.82	--	--	Peak	139.00	150	Vertical	N/A
4**	5182.750	89.14	-2.82	--	--	AV	139.00	150	Vertical	N/A
5	11461.562	49.29	-3.97	74.0	-24.71	Peak	63.00	150	Vertical	Pass
5**	11461.562	39.37	-3.97	54.0	-14.63	AV	63.00	150	Vertical	Pass
6	15780.037	51.92	-0.81	74.0	-22.08	Peak	2.00	150	Vertical	Pass
6**	15780.037	40.65	-0.81	54.0	-13.35	AV	2.00	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	1194.700	41.29	-17.76	74.0	-32.71	Peak	295.00	150	Horizontal	Pass
1**	1194.700	28.10	-17.76	54.0	-25.90	AV	295.00	150	Horizontal	Pass
2	2806.800	43.40	-10.32	74.0	-30.60	Peak	281.00	150	Horizontal	Pass
2**	2806.800	34.20	-10.32	54.0	-19.80	AV	281.00	150	Horizontal	Pass
3	4279.000	48.34	-5.06	74.0	-25.66	Peak	230.00	150	Horizontal	Pass
3**	4279.000	38.24	-5.06	54.0	-15.76	AV	230.00	150	Horizontal	Pass
4	5226.000	102.53	-3.17	--	--	Peak	117.00	150	Horizontal	N/A
4**	5226.000	94.81	-3.17	--	--	AV	117.00	150	Horizontal	N/A
5	12134.638	50.50	-3.33	74.0	-23.50	Peak	17.00	150	Horizontal	Pass
5**	12134.638	39.07	-3.33	54.0	-14.93	AV	17.00	150	Horizontal	Pass
6	15987.675	52.71	-0.17	74.0	-21.29	Peak	188.00	150	Horizontal	Pass
6**	15987.675	42.57	-0.17	54.0	-11.43	AV	188.00	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	1141.400	38.72	-17.87	74.0	-35.28	Peak	177.00	150	Vertical	Pass
1**	1141.400	28.83	-17.87	54.0	-25.17	AV	177.00	150	Vertical	Pass
2	2741.700	43.96	-10.46	74.0	-30.04	Peak	360.00	150	Vertical	Pass
2**	2741.700	34.10	-10.46	54.0	-19.90	AV	360.00	150	Vertical	Pass
3	4256.000	49.12	-4.36	74.0	-24.88	Peak	212.00	150	Vertical	Pass
3**	4256.000	47.07	-4.36	54.0	-6.93	AV	212.00	150	Vertical	Pass
4	5222.500	96.44	-3.02	--	--	Peak	141.00	150	Vertical	N/A
4**	5222.500	89.26	-3.02	--	--	AV	141.00	150	Vertical	N/A
5	12460.488	50.65	-2.22	74.0	-23.35	Peak	289.00	150	Vertical	Pass
5**	12460.488	40.39	-2.22	54.0	-13.61	AV	289.00	150	Vertical	Pass
6	16134.150	52.65	-0.63	74.0	-21.35	Peak	39.00	150	Vertical	Pass
6**	16134.150	42.85	-0.63	54.0	-11.15	AV	39.00	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	1197.200	42.71	-17.78	74.0	-31.29	Peak	74.00	150	Horizontal	Pass
1**	1197.200	29.83	-17.78	54.0	-24.17	AV	74.00	150	Horizontal	Pass
2	2778.500	43.25	-10.96	74.0	-30.75	Peak	293.00	150	Horizontal	Pass
2**	2778.500	33.31	-10.96	54.0	-20.69	AV	293.00	150	Horizontal	Pass
3	4266.500	47.94	-5.00	74.0	-26.06	Peak	28.00	150	Horizontal	Pass
3**	4266.500	39.13	-5.00	54.0	-14.87	AV	28.00	150	Horizontal	Pass
4	5225.000	101.89	-3.11	--	--	Peak	117.00	150	Horizontal	N/A
4**	5225.000	95.31	-3.11	--	--	AV	117.00	150	Horizontal	N/A
5	11821.138	49.63	-3.40	74.0	-24.37	Peak	323.00	150	Horizontal	Pass
5**	11821.138	40.27	-3.40	54.0	-13.73	AV	323.00	150	Horizontal	Pass
6	15946.463	51.73	-0.30	74.0	-22.27	Peak	232.00	150	Horizontal	Pass
6**	15946.463	42.55	-0.30	54.0	-11.45	AV	232.00	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	1198.000	42.73	-17.70	74.0	-31.27	Peak	165.00	150	Vertical	Pass
1**	1198.000	28.23	-17.70	54.0	-25.77	AV	165.00	150	Vertical	Pass
2	2729.800	43.19	-11.06	74.0	-30.81	Peak	219.00	150	Vertical	Pass
2**	2729.800	33.10	-11.06	54.0	-20.90	AV	219.00	150	Vertical	Pass
3	4253.500	49.84	-4.47	74.0	-24.16	Peak	176.00	150	Vertical	Pass
3**	4253.500	43.97	-4.47	54.0	-10.03	AV	176.00	150	Vertical	Pass
4	5213.750	96.23	-2.56	--	--	Peak	143.00	150	Vertical	N/A
4**	5213.750	88.53	-2.56	--	--	AV	143.00	150	Vertical	N/A
5	12433.175	50.67	-2.41	74.0	-23.33	Peak	338.00	150	Vertical	Pass
5**	12433.175	41.13	-2.41	54.0	-12.87	AV	338.00	150	Vertical	Pass
6	16001.325	52.21	-0.15	74.0	-21.79	Peak	70.00	150	Vertical	Pass
6**	16001.325	42.71	-0.15	54.0	-11.29	AV	70.00	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	1196.400	42.87	-17.85	74.0	-31.13	Peak	234.00	150	Horizontal	Pass
1**	1196.400	28.80	-17.85	54.0	-25.20	AV	234.00	150	Horizontal	Pass
2	2749.800	43.49	-10.99	74.0	-30.51	Peak	305.00	150	Horizontal	Pass
2**	2749.800	33.30	-10.99	54.0	-20.70	AV	305.00	150	Horizontal	Pass
3	4249.750	48.25	-4.26	74.0	-25.75	Peak	239.00	150	Horizontal	Pass
3**	4249.750	39.31	-4.26	54.0	-14.69	AV	239.00	150	Horizontal	Pass
4	5258.250	106.48	-3.61	--	--	Peak	115.00	150	Horizontal	N/A
4**	5258.250	99.20	-3.61	--	--	AV	115.00	150	Horizontal	N/A
5	11298.638	49.98	-4.01	74.0	-24.02	Peak	203.00	150	Horizontal	Pass
5**	11298.638	39.59	-4.01	54.0	-14.41	AV	203.00	150	Horizontal	Pass
6	15463.200	51.83	-0.32	74.0	-22.17	Peak	0.00	150	Horizontal	Pass
6**	15463.200	41.51	-0.32	54.0	-12.49	AV	0.00	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	1200.300	38.80	-17.68	74.0	-35.20	Peak	337.00	150	Vertical	Pass
1**	1200.300	29.41	-17.68	54.0	-24.59	AV	337.00	150	Vertical	Pass
2	2721.700	43.52	-11.41	74.0	-30.48	Peak	8.00	150	Vertical	Pass
2**	2721.700	32.53	-11.41	54.0	-21.47	AV	8.00	150	Vertical	Pass
3	4261.000	53.61	-4.75	74.0	-20.39	Peak	168.00	150	Vertical	Pass
3**	4261.000	44.93	-4.75	54.0	-9.07	AV	168.00	150	Vertical	Pass
4	5257.250	100.28	-3.78	--	--	Peak	143.00	150	Vertical	N/A
4**	5257.250	92.96	-3.78	--	--	AV	143.00	150	Vertical	N/A
5	12436.263	50.38	-2.36	74.0	-23.62	Peak	15.00	150	Vertical	Pass
5**	12436.263	40.53	-2.36	54.0	-13.47	AV	15.00	150	Vertical	Pass
6	15986.362	53.02	-0.17	74.0	-20.98	Peak	97.00	150	Vertical	Pass
6**	15986.362	42.58	-0.17	54.0	-11.42	AV	97.00	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	1197.500	44.02	-17.75	74.0	-29.98	Peak	209.00	150	Horizontal	Pass
1**	1197.500	28.60	-17.75	54.0	-25.40	AV	209.00	150	Horizontal	Pass
2	2742.600	43.52	-10.49	74.0	-30.48	Peak	265.00	150	Horizontal	Pass
2**	2742.600	33.67	-10.49	54.0	-20.33	AV	265.00	150	Horizontal	Pass
3	4296.250	48.48	-4.88	74.0	-25.52	Peak	173.00	150	Horizontal	Pass
3**	4296.250	38.65	-4.88	54.0	-15.35	AV	173.00	150	Horizontal	Pass
4	5293.000	106.11	-3.12	--	--	Peak	117.00	150	Horizontal	N/A
4**	5293.000	98.69	-3.12	--	--	AV	117.00	150	Horizontal	N/A
5	12037.262	50.04	-3.39	74.0	-23.96	Peak	252.00	150	Horizontal	Pass
5**	12037.262	40.02	-3.39	54.0	-13.98	AV	252.00	150	Horizontal	Pass
6	15957.750	52.20	-0.22	74.0	-21.80	Peak	93.00	150	Horizontal	Pass
6**	15957.750	42.81	-0.22	54.0	-11.19	AV	93.00	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	1199.300	42.41	-17.66	74.0	-31.59	Peak	17.00	150	Vertical	Pass
1**	1199.300	28.77	-17.66	54.0	-25.23	AV	17.00	150	Vertical	Pass
2	2830.700	43.82	-10.76	74.0	-30.18	Peak	0.00	150	Vertical	Pass
2**	2830.700	34.00	-10.76	54.0	-20.00	AV	0.00	150	Vertical	Pass
3	4258.000	52.89	-4.52	74.0	-21.11	Peak	159.00	150	Vertical	Pass
3**	4258.000	43.99	-4.52	54.0	-10.01	AV	159.00	150	Vertical	Pass
4	5293.250	99.42	-3.11	--	--	Peak	143.00	150	Vertical	N/A
4**	5293.250	92.22	-3.11	--	--	AV	143.00	150	Vertical	N/A
5	11779.575	49.32	-3.72	74.0	-24.68	Peak	289.00	150	Vertical	Pass
5**	11779.575	39.59	-3.72	54.0	-14.41	AV	289.00	150	Vertical	Pass
6	16074.825	52.21	-0.54	74.0	-21.79	Peak	93.00	150	Vertical	Pass
6**	16074.825	42.82	-0.54	54.0	-11.18	AV	93.00	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	1198.600	43.03	-17.64	74.0	-30.97	Peak	275.00	150	Horizontal	Pass
1**	1198.600	28.36	-17.64	54.0	-25.64	AV	275.00	150	Horizontal	Pass
2	2784.100	43.38	-10.92	74.0	-30.62	Peak	107.00	150	Horizontal	Pass
2**	2784.100	33.90	-10.92	54.0	-20.10	AV	107.00	150	Horizontal	Pass
3	4250.750	48.46	-4.27	74.0	-25.54	Peak	271.00	150	Horizontal	Pass
3**	4250.750	39.50	-4.27	54.0	-14.50	AV	271.00	150	Horizontal	Pass
4	5323.750	106.41	-3.19	--	--	Peak	124.00	150	Horizontal	N/A
4**	5323.750	99.51	-3.19	--	--	AV	124.00	150	Horizontal	N/A
5	12292.100	50.34	-2.51	74.0	-23.66	Peak	324.00	150	Horizontal	Pass
5**	12292.100	40.65	-2.51	54.0	-13.35	AV	324.00	150	Horizontal	Pass
6	15969.563	52.59	-0.20	74.0	-21.41	Peak	0.00	150	Horizontal	Pass
6**	15969.563	42.85	-0.20	54.0	-11.15	AV	0.00	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	1198.700	43.09	-17.64	74.0	-30.91	Peak	174.00	150	Vertical	Pass
1**	1198.700	29.59	-17.64	54.0	-24.41	AV	174.00	150	Vertical	Pass
2	2853.900	43.20	-10.35	74.0	-30.80	Peak	35.00	150	Vertical	Pass
2**	2853.900	34.28	-10.35	54.0	-19.72	AV	35.00	150	Vertical	Pass
3	4268.250	46.45	-5.12	74.0	-27.55	Peak	173.00	150	Vertical	Pass
3**	4268.250	46.82	-5.12	54.0	-7.18	AV	173.00	150	Vertical	Pass
4	5316.500	99.96	-3.27	--	--	Peak	139.00	150	Vertical	N/A
4**	5316.500	90.96	-3.27	--	--	AV	139.00	150	Vertical	N/A
5	12454.075	50.40	-2.18	74.0	-23.60	Peak	112.00	150	Vertical	Pass
5**	12454.075	40.25	-2.18	54.0	-13.75	AV	112.00	150	Vertical	Pass
6	16051.463	52.46	-0.13	74.0	-21.54	Peak	360.00	150	Vertical	Pass
6**	16051.463	42.73	-0.13	54.0	-11.27	AV	360.00	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	1198.100	43.96	-17.69	74.0	-30.04	Peak	291.00	150	Horizontal	Pass
1**	1198.100	28.89	-17.69	54.0	-25.11	AV	291.00	150	Horizontal	Pass
2	2838.300	43.30	-10.72	74.0	-30.70	Peak	7.00	150	Horizontal	Pass
2**	2838.300	34.06	-10.72	54.0	-19.94	AV	7.00	150	Horizontal	Pass
3	4173.000	48.22	-5.65	74.0	-25.78	Peak	241.00	150	Horizontal	Pass
3**	4173.000	38.91	-5.65	54.0	-15.09	AV	241.00	150	Horizontal	Pass
4	5258.000	105.15	-3.65	--	--	Peak	117.00	150	Horizontal	N/A
4**	5258.000	97.23	-3.65	--	--	AV	117.00	150	Horizontal	N/A
5	11891.675	49.38	-3.32	74.0	-24.62	Peak	301.00	150	Horizontal	Pass
5**	11891.675	40.47	-3.32	54.0	-13.53	AV	301.00	150	Horizontal	Pass
6	15956.437	52.19	-0.22	74.0	-21.81	Peak	11.00	150	Horizontal	Pass
6**	15956.437	42.33	-0.22	54.0	-11.67	AV	11.00	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	1196.700	42.27	-17.83	74.0	-31.73	Peak	188.00	150	Vertical	Pass
1**	1196.700	34.11	-17.83	54.0	-19.89	AV	188.00	150	Vertical	Pass
2	2783.600	44.04	-10.96	74.0	-29.96	Peak	269.00	150	Vertical	Pass
2**	2783.600	33.25	-10.96	54.0	-20.75	AV	269.00	150	Vertical	Pass
3	4264.750	48.65	-5.09	74.0	-25.35	Peak	328.00	150	Vertical	Pass
3**	4264.750	48.17	-5.09	54.0	-5.83	AV	328.00	150	Vertical	Pass
4	5258.250	98.45	-3.61	--	--	Peak	141.00	150	Vertical	N/A
4**	5258.250	90.89	-3.61	--	--	AV	141.00	150	Vertical	N/A
5	12317.275	50.28	-2.57	74.0	-23.72	Peak	280.00	150	Vertical	Pass
5**	12317.275	39.95	-2.57	54.0	-14.05	AV	280.00	150	Vertical	Pass
6	16000.275	51.75	-0.15	74.0	-22.25	Peak	53.00	150	Vertical	Pass
6**	16000.275	44.13	-0.15	54.0	-9.87	AV	53.00	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	1198.900	44.02	-17.65	74.0	-29.98	Peak	155.00	150	Horizontal	Pass
1**	1198.900	28.57	-17.65	54.0	-25.43	AV	155.00	150	Horizontal	Pass
2	2793.700	43.09	-10.57	74.0	-30.91	Peak	0.00	150	Horizontal	Pass
2**	2793.700	33.86	-10.57	54.0	-20.14	AV	0.00	150	Horizontal	Pass
3	4255.250	48.26	-4.43	74.0	-25.74	Peak	239.00	150	Horizontal	Pass
3**	4255.250	42.11	-4.43	54.0	-11.89	AV	239.00	150	Horizontal	Pass
4	5297.000	105.64	-3.26	--	--	Peak	126.00	150	Horizontal	N/A
4**	5297.000	98.04	-3.26	--	--	AV	126.00	150	Horizontal	N/A
5	12450.750	50.85	-2.16	74.0	-23.15	Peak	267.00	150	Horizontal	Pass
5**	12450.750	40.45	-2.16	54.0	-13.55	AV	267.00	150	Horizontal	Pass
6	15467.138	51.62	-0.38	74.0	-22.38	Peak	34.00	150	Horizontal	Pass
6**	15467.138	41.99	-0.38	54.0	-12.01	AV	34.00	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	1196.600	45.12	-17.84	74.0	-28.88	Peak	170.00	150	Vertical	Pass
1**	1196.600	28.36	-17.84	54.0	-25.64	AV	170.00	150	Vertical	Pass
2	2830.000	43.64	-10.80	74.0	-30.36	Peak	184.00	150	Vertical	Pass
2**	2830.000	34.54	-10.80	54.0	-19.46	AV	184.00	150	Vertical	Pass
3	4262.500	49.17	-4.90	74.0	-24.83	Peak	174.00	150	Vertical	Pass
3**	4262.500	45.76	-4.90	54.0	-8.24	AV	174.00	150	Vertical	Pass
4	5302.250	98.20	-3.45	--	--	Peak	142.00	150	Vertical	N/A
4**	5302.250	90.90	-3.45	--	--	AV	142.00	150	Vertical	N/A
5	11548.963	49.11	-4.38	74.0	-24.89	Peak	316.00	150	Vertical	Pass
5**	11548.963	39.02	-4.38	54.0	-14.98	AV	316.00	150	Vertical	Pass
6	15871.388	51.85	-0.95	74.0	-22.15	Peak	119.00	150	Vertical	Pass
6**	15871.388	41.71	-0.95	54.0	-12.29	AV	119.00	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	1199.400	42.00	-17.66	74.0	-32.00	Peak	146.00	150	Horizontal	Pass
1**	1199.400	31.29	-17.66	54.0	-22.71	AV	146.00	150	Horizontal	Pass
2	2863.300	43.61	-10.22	74.0	-30.39	Peak	6.00	150	Horizontal	Pass
2**	2863.300	34.58	-10.22	54.0	-19.42	AV	6.00	150	Horizontal	Pass
3	4340.000	49.02	-4.90	74.0	-24.98	Peak	143.00	150	Horizontal	Pass
3**	4340.000	39.86	-4.90	54.0	-14.14	AV	143.00	150	Horizontal	Pass
4	5321.000	105.54	-3.19	--	--	Peak	110.00	150	Horizontal	N/A
4**	5321.000	97.33	-3.19	--	--	AV	110.00	150	Horizontal	N/A
5	11780.050	49.70	-3.71	74.0	-24.30	Peak	183.00	150	Horizontal	Pass
5**	11780.050	39.29	-3.71	54.0	-14.71	AV	183.00	150	Horizontal	Pass
6	15810.750	51.96	-0.73	74.0	-22.04	Peak	229.00	150	Horizontal	Pass
6**	15810.750	42.56	-0.73	54.0	-11.44	AV	229.00	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	1199.600	43.82	-17.66	74.0	-30.18	Peak	0.00	150	Vertical	Pass
1**	1199.600	29.29	-17.66	54.0	-24.71	AV	0.00	150	Vertical	Pass
2	2836.900	43.44	-10.67	74.0	-30.56	Peak	131.00	150	Vertical	Pass
2**	2836.900	34.69	-10.67	54.0	-19.31	AV	131.00	150	Vertical	Pass
3	4263.000	52.80	-4.95	74.0	-21.20	Peak	222.00	150	Vertical	Pass
3**	4263.000	42.91	-4.95	54.0	-11.09	AV	222.00	150	Vertical	Pass
4	5322.500	98.64	-3.19	--	--	Peak	141.00	150	Vertical	N/A
4**	5322.500	90.83	-3.19	--	--	AV	141.00	150	Vertical	N/A
5	10974.687	49.62	-4.84	74.0	-24.38	Peak	269.00	150	Vertical	Pass
5**	10974.687	39.06	-4.84	54.0	-14.94	AV	269.00	150	Vertical	Pass
6	16015.237	52.31	-0.14	74.0	-21.69	Peak	11.00	150	Vertical	Pass
6**	16015.237	42.02	-0.14	54.0	-11.98	AV	11.00	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	1197.400	43.95	-17.76	74.0	-30.05	Peak	189.00	150	Horizontal	Pass
1**	1197.400	28.45	-17.76	54.0	-25.55	AV	189.00	150	Horizontal	Pass
2	2753.900	43.35	-11.10	74.0	-30.65	Peak	44.00	150	Horizontal	Pass
2**	2753.900	33.49	-11.10	54.0	-20.51	AV	44.00	150	Horizontal	Pass
3	4257.500	48.55	-4.45	74.0	-25.45	Peak	60.00	150	Horizontal	Pass
3**	4257.500	39.59	-4.45	54.0	-14.41	AV	60.00	150	Horizontal	Pass
4	5274.250	102.60	-2.87	--	--	Peak	115.00	150	Horizontal	N/A
4**	5274.250	94.28	-2.87	--	--	AV	115.00	150	Horizontal	N/A
5	11369.175	49.99	-4.38	74.0	-24.01	Peak	220.00	150	Horizontal	Pass
5**	11369.175	39.84	-4.38	54.0	-14.16	AV	220.00	150	Horizontal	Pass
6	15941.737	52.33	-0.39	74.0	-21.67	Peak	154.00	150	Horizontal	Pass
6**	15941.737	42.39	-0.39	54.0	-11.61	AV	154.00	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	1195.300	42.19	-17.79	74.0	-31.81	Peak	0.00	150	Vertical	Pass
1**	1195.300	31.28	-17.79	54.0	-22.72	AV	0.00	150	Vertical	Pass
2	2758.200	43.29	-11.15	74.0	-30.71	Peak	207.00	150	Vertical	Pass
2**	2758.200	33.24	-11.15	54.0	-20.76	AV	207.00	150	Vertical	Pass
3	4255.000	50.12	-4.46	74.0	-23.88	Peak	213.00	150	Vertical	Pass
3**	4255.000	45.53	-4.46	54.0	-8.47	AV	213.00	150	Vertical	Pass
4	5273.500	95.75	-2.96	--	--	Peak	141.00	150	Vertical	N/A
4**	5273.500	87.41	-2.96	--	--	AV	141.00	150	Vertical	N/A
5	12304.451	50.02	-2.47	74.0	-23.98	Peak	169.00	150	Vertical	Pass
5**	12304.451	41.35	-2.47	54.0	-12.65	AV	169.00	150	Vertical	Pass
6	16093.200	52.44	-0.86	74.0	-21.56	Peak	9.00	150	Vertical	Pass
6**	16093.200	41.90	-0.86	54.0	-12.10	AV	9.00	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	1197.700	45.31	-17.73	74.0	-28.69	Peak	187.00	150	Horizontal	Pass
1**	1197.700	31.91	-17.73	54.0	-22.09	AV	187.00	150	Horizontal	Pass
2	2826.700	43.15	-10.88	74.0	-30.85	Peak	360.00	150	Horizontal	Pass
2**	2826.700	33.31	-10.88	54.0	-20.69	AV	360.00	150	Horizontal	Pass
3	4253.750	48.60	-4.48	74.0	-25.40	Peak	257.00	150	Horizontal	Pass
3**	4253.750	39.53	-4.48	54.0	-14.47	AV	257.00	150	Horizontal	Pass
4	5317.250	105.51	-3.27	--	--	Peak	117.00	150	Horizontal	N/A
4**	5317.250	98.99	-3.27	--	--	AV	117.00	150	Horizontal	N/A
5	11819.950	49.34	-3.40	74.0	-24.66	Peak	171.00	150	Horizontal	Pass
5**	11819.950	40.29	-3.40	54.0	-13.71	AV	171.00	150	Horizontal	Pass
6	15792.900	51.50	-0.75	74.0	-22.50	Peak	75.00	150	Horizontal	Pass
6**	15792.900	41.28	-0.75	54.0	-12.72	AV	75.00	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	1199.200	42.91	-17.65	74.0	-31.09	Peak	227.00	150	Vertical	Pass
1**	1199.200	28.77	-17.65	54.0	-25.23	AV	227.00	150	Vertical	Pass
2	2807.700	43.09	-10.43	74.0	-30.91	Peak	119.00	150	Vertical	Pass
2**	2807.700	34.59	-10.43	54.0	-19.41	AV	119.00	150	Vertical	Pass
3	4265.000	53.81	-5.10	74.0	-20.19	Peak	168.00	150	Vertical	Pass
3**	4265.000	46.99	-5.10	54.0	-7.01	AV	168.00	150	Vertical	Pass
4	5312.250	97.56	-3.53	--	--	Peak	144.00	150	Vertical	N/A
4**	5312.250	89.98	-3.53	--	--	AV	144.00	150	Vertical	N/A
5	12303.263	49.86	-2.46	74.0	-24.14	Peak	203.00	150	Vertical	Pass
5**	12303.263	40.89	-2.46	54.0	-13.11	AV	203.00	150	Vertical	Pass
6	16078.238	51.97	-0.60	74.0	-22.03	Peak	55.00	150	Vertical	Pass
6**	16078.238	42.53	-0.60	54.0	-11.47	AV	55.00	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	1199.700	45.94	-17.66	74.0	-28.06	Peak	280.00	150	Horizontal	Pass
1**	1199.700	28.26	-17.66	54.0	-25.74	AV	280.00	150	Horizontal	Pass
2	2826.500	42.98	-10.88	74.0	-31.02	Peak	119.00	150	Horizontal	Pass
2**	2826.500	34.33	-10.88	54.0	-19.67	AV	119.00	150	Horizontal	Pass
3	4244.000	48.49	-4.59	74.0	-25.51	Peak	53.00	150	Horizontal	Pass
3**	4244.000	39.24	-4.59	54.0	-14.76	AV	53.00	150	Horizontal	Pass
4	5258.500	105.32	-3.57	--	--	Peak	117.00	150	Horizontal	N/A
4**	5258.500	96.94	-3.57	--	--	AV	117.00	150	Horizontal	N/A
5	12432.463	49.79	-2.42	74.0	-24.21	Peak	289.00	150	Horizontal	Pass
5**	12432.463	39.59	-2.42	54.0	-14.41	AV	289.00	150	Horizontal	Pass
6	15947.250	52.41	-0.28	74.0	-21.59	Peak	53.00	150	Horizontal	Pass
6**	15947.250	42.73	-0.28	54.0	-11.27	AV	53.00	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	1198.200	44.44	-17.68	74.0	-29.56	Peak	35.00	150	Vertical	Pass
1**	1198.200	29.28	-17.68	54.0	-24.72	AV	35.00	150	Vertical	Pass
2	2736.100	43.39	-10.69	74.0	-30.61	Peak	187.00	150	Vertical	Pass
2**	2736.100	33.73	-10.69	54.0	-20.27	AV	187.00	150	Vertical	Pass
3	4260.500	51.98	-4.71	74.0	-22.02	Peak	174.00	150	Vertical	Pass
3**	4260.500	46.51	-4.71	54.0	-7.49	AV	174.00	150	Vertical	Pass
4	5257.000	98.39	-3.79	--	--	Peak	142.00	150	Vertical	N/A
4**	5257.000	90.41	-3.79	--	--	AV	142.00	150	Vertical	N/A
5	12233.437	49.27	-2.94	74.0	-24.73	Peak	265.00	150	Vertical	Pass
5**	12233.437	40.43	-2.94	54.0	-13.57	AV	265.00	150	Vertical	Pass
6	15969.563	52.44	-0.20	74.0	-21.56	Peak	26.00	150	Vertical	Pass
6**	15969.563	43.65	-0.20	54.0	-10.35	AV	26.00	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	1197.500	46.15	-17.75	74.0	-27.85	Peak	197.00	150	Horizontal	Pass
1**	1197.500	27.73	-17.75	54.0	-26.27	AV	197.00	150	Horizontal	Pass
2	2731.600	43.61	-10.81	74.0	-30.39	Peak	320.00	150	Horizontal	Pass
2**	2731.600	34.05	-10.81	54.0	-19.95	AV	320.00	150	Horizontal	Pass
3	4257.250	49.10	-4.42	74.0	-24.90	Peak	319.00	150	Horizontal	Pass
3**	4257.250	40.39	-4.42	54.0	-13.61	AV	319.00	150	Horizontal	Pass
4	5297.500	105.49	-3.21	--	--	Peak	126.00	150	Horizontal	N/A
4**	5297.500	97.77	-3.21	--	--	AV	126.00	150	Horizontal	N/A
5	12445.763	50.33	-2.22	74.0	-23.67	Peak	34.00	150	Horizontal	Pass
5**	12445.763	41.09	-2.22	54.0	-12.91	AV	34.00	150	Horizontal	Pass
6	16001.849	51.84	-0.15	74.0	-22.16	Peak	48.00	150	Horizontal	Pass
6**	16001.849	41.89	-0.15	54.0	-12.11	AV	48.00	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	1188.000	40.86	-17.73	74.0	-33.14	Peak	160.00	150	Vertical	Pass
1**	1188.000	31.17	-17.73	54.0	-22.83	AV	160.00	150	Vertical	Pass
2	2734.800	44.10	-10.80	74.0	-29.90	Peak	157.00	150	Vertical	Pass
2**	2734.800	33.41	-10.80	54.0	-20.59	AV	157.00	150	Vertical	Pass
3	4259.250	49.96	-4.63	74.0	-24.04	Peak	208.00	150	Vertical	Pass
3**	4259.250	46.63	-4.63	54.0	-7.37	AV	208.00	150	Vertical	Pass
4	5297.000	97.97	-3.26	--	--	Peak	142.00	150	Vertical	N/A
4**	5297.000	90.63	-3.26	--	--	AV	142.00	150	Vertical	N/A
5	12607.500	50.28	-2.57	74.0	-23.72	Peak	301.00	150	Vertical	Pass
5**	12607.500	39.39	-2.57	54.0	-14.61	AV	301.00	150	Vertical	Pass
6	16183.500	52.66	-0.45	74.0	-21.34	Peak	76.00	150	Vertical	Pass
6**	16183.500	42.16	-0.45	54.0	-11.84	AV	76.00	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	1189.500	39.00	-17.64	74.0	-35.00	Peak	273.00	150	Horizontal	Pass
1**	1189.500	27.81	-17.64	54.0	-26.19	AV	273.00	150	Horizontal	Pass
2	2795.700	43.35	-10.53	74.0	-30.65	Peak	0.00	150	Horizontal	Pass
2**	2795.700	33.69	-10.53	54.0	-20.31	AV	0.00	150	Horizontal	Pass
3	4044.250	46.90	-6.02	74.0	-27.10	Peak	11.00	150	Horizontal	Pass
3**	4044.250	37.17	-6.02	54.0	-16.83	AV	11.00	150	Horizontal	Pass
4	5322.500	105.75	-3.19	--	--	Peak	117.00	150	Horizontal	N/A
4**	5322.500	99.28	-3.19	--	--	AV	117.00	150	Horizontal	N/A
5	12229.638	49.98	-2.94	74.0	-24.02	Peak	309.00	150	Horizontal	Pass
5**	12229.638	39.62	-2.94	54.0	-14.38	AV	309.00	150	Horizontal	Pass
6	15870.862	51.99	-0.94	74.0	-22.01	Peak	24.00	150	Horizontal	Pass
6**	15870.862	41.01	-0.94	54.0	-12.99	AV	24.00	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	1197.100	42.95	-17.79	74.0	-31.05	Peak	349.00	150	Vertical	Pass
1**	1197.100	28.58	-17.79	54.0	-25.42	AV	349.00	150	Vertical	Pass
2	2776.700	43.22	-10.99	74.0	-30.78	Peak	138.00	150	Vertical	Pass
2**	2776.700	33.63	-10.99	54.0	-20.37	AV	138.00	150	Vertical	Pass
3	4254.250	48.54	-4.52	74.0	-25.46	Peak	173.00	150	Vertical	Pass
3**	4254.250	46.36	-4.52	54.0	-7.64	AV	173.00	150	Vertical	Pass
4	5322.500	98.77	-3.19	--	--	Peak	141.00	150	Vertical	N/A
4**	5322.500	91.51	-3.19	--	--	AV	141.00	150	Vertical	N/A
5	11755.588	49.97	-3.93	74.0	-24.03	Peak	88.00	150	Vertical	Pass
5**	11755.588	40.39	-3.93	54.0	-13.61	AV	88.00	150	Vertical	Pass
6	15947.250	51.73	-0.28	74.0	-22.27	Peak	33.00	150	Vertical	Pass
6**	15947.250	42.44	-0.28	54.0	-11.56	AV	33.00	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	1198.500	45.98	-17.65	74.0	-28.02	Peak	197.00	150	Horizontal	Pass
1**	1198.500	28.83	-17.65	54.0	-25.17	AV	197.00	150	Horizontal	Pass
2	2858.400	43.31	-10.06	74.0	-30.69	Peak	193.00	150	Horizontal	Pass
2**	2858.400	34.00	-10.06	54.0	-20.00	AV	193.00	150	Horizontal	Pass
3	4257.000	48.43	-4.39	74.0	-25.57	Peak	100.00	150	Horizontal	Pass
3**	4257.000	39.75	-4.39	54.0	-14.25	AV	100.00	150	Horizontal	Pass
4	5275.750	102.58	-3.24	--	--	Peak	117.00	150	Horizontal	N/A
4**	5275.750	95.50	-3.24	--	--	AV	117.00	150	Horizontal	N/A
5	11486.262	50.37	-4.18	74.0	-23.63	Peak	191.00	150	Horizontal	Pass
5**	11486.262	40.17	-4.18	54.0	-13.83	AV	191.00	150	Horizontal	Pass
6	15902.888	52.04	-1.14	74.0	-21.96	Peak	33.00	150	Horizontal	Pass
6**	15902.888	41.70	-1.14	54.0	-12.30	AV	33.00	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	1198.500	41.74	-17.65	74.0	-32.26	Peak	34.00	150	Vertical	Pass
1**	1198.500	30.18	-17.65	54.0	-23.82	AV	34.00	150	Vertical	Pass
2	2738.800	43.57	-10.55	74.0	-30.43	Peak	193.00	150	Vertical	Pass
2**	2738.800	34.03	-10.55	54.0	-19.97	AV	193.00	150	Vertical	Pass
3	4260.750	50.60	-4.73	74.0	-23.40	Peak	205.00	150	Vertical	Pass
3**	4260.750	49.45	-4.73	54.0	-4.55	AV	205.00	150	Vertical	Pass
4	5272.250	95.76	-3.10	--	--	Peak	117.00	150	Vertical	N/A
4**	5272.250	87.03	-3.10	--	--	AV	117.00	150	Vertical	N/A
5	12297.326	49.80	-2.46	74.0	-24.20	Peak	316.00	150	Vertical	Pass
5**	12297.326	39.66	-2.46	54.0	-14.34	AV	316.00	150	Vertical	Pass
6	16000.800	51.58	-0.15	74.0	-22.42	Peak	17.00	150	Vertical	Pass
6**	16000.800	42.75	-0.15	54.0	-11.25	AV	17.00	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	1197.600	42.77	-17.74	74.0	-31.23	Peak	147.00	150	Horizontal	Pass
1**	1197.600	29.22	-17.74	54.0	-24.78	AV	147.00	150	Horizontal	Pass
2	2859.100	43.19	-10.11	74.0	-30.81	Peak	49.00	150	Horizontal	Pass
2**	2859.100	33.80	-10.11	54.0	-20.20	AV	49.00	150	Horizontal	Pass
3	3986.250	47.97	-5.60	74.0	-26.03	Peak	144.00	150	Horizontal	Pass
3**	3986.250	37.82	-5.60	54.0	-16.18	AV	144.00	150	Horizontal	Pass
4	5315.250	102.86	-3.42	--	--	Peak	119.00	150	Horizontal	N/A
4**	5315.250	95.59	-3.42	--	--	AV	119.00	150	Horizontal	N/A
5	12192.825	49.64	-3.01	74.0	-24.36	Peak	124.00	150	Horizontal	Pass
5**	12192.825	39.78	-3.01	54.0	-14.22	AV	124.00	150	Horizontal	Pass
6	15550.349	51.33	-0.53	74.0	-22.67	Peak	38.00	150	Horizontal	Pass
6**	15550.349	41.19	-0.53	54.0	-12.81	AV	38.00	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	1194.400	39.98	-17.75	74.0	-34.02	Peak	355.00	150	Vertical	Pass
1**	1194.400	27.53	-17.75	54.0	-26.47	AV	355.00	150	Vertical	Pass
2	2839.200	43.60	-10.74	74.0	-30.40	Peak	8.00	150	Vertical	Pass
2**	2839.200	33.71	-10.74	54.0	-20.29	AV	8.00	150	Vertical	Pass
3	4251.250	51.21	-4.31	74.0	-22.79	Peak	174.00	150	Vertical	Pass
3**	4251.250	47.35	-4.31	54.0	-6.65	AV	174.00	150	Vertical	Pass
4	5316.000	95.25	-3.33	--	--	Peak	119.00	150	Vertical	N/A
4**	5316.000	87.14	-3.33	--	--	AV	119.00	150	Vertical	N/A
5	11628.287	49.32	-4.33	74.0	-24.68	Peak	260.00	150	Vertical	Pass
5**	11628.287	39.12	-4.33	54.0	-14.88	AV	260.00	150	Vertical	Pass
6	15977.962	51.81	-0.19	74.0	-22.19	Peak	46.00	150	Vertical	Pass
6**	15977.962	42.98	-0.19	54.0	-11.02	AV	46.00	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	1196.400	45.48	-17.85	74.0	-28.52	Peak	283.00	150	Horizontal	Pass
1**	1196.400	33.33	-17.85	54.0	-20.67	AV	283.00	150	Horizontal	Pass
2	2750.700	43.08	-11.03	74.0	-30.92	Peak	350.00	150	Horizontal	Pass
2**	2750.700	33.71	-11.03	54.0	-20.29	AV	350.00	150	Horizontal	Pass
3	4246.000	48.68	-4.23	74.0	-25.32	Peak	0.00	150	Horizontal	Pass
3**	4246.000	39.22	-4.23	54.0	-14.78	AV	0.00	150	Horizontal	Pass
4	5322.250	96.97	-3.19	--	-22.03	Peak	119.00	150	Horizontal	N/A
4**	5322.250	89.48	-3.19	--	89.48	AV	119.00	150	Horizontal	N/A
5	12271.438	49.97	-2.71	74.0	-24.03	Peak	302.00	150	Horizontal	Pass
5**	12271.438	39.62	-2.71	54.0	-14.38	AV	302.00	150	Horizontal	Pass
6	15665.325	51.34	-0.89	74.0	-22.66	Peak	53.00	150	Horizontal	Pass
6**	15665.325	40.72	-0.89	54.0	-13.28	AV	53.00	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	1196.500	41.32	-17.85	74.0	-32.68	Peak	56.00	150	Vertical	Pass
1**	1196.500	28.46	-17.85	54.0	-25.54	AV	56.00	150	Vertical	Pass
2	2750.800	43.05	-11.03	74.0	-30.95	Peak	295.00	150	Vertical	Pass
2**	2750.800	33.98	-11.03	54.0	-20.02	AV	295.00	150	Vertical	Pass
3	4252.500	55.26	-4.39	74.0	-18.74	Peak	173.00	150	Vertical	Pass
3**	4252.500	43.45	-4.39	54.0	-10.55	AV	173.00	150	Vertical	Pass
4	5293.750	90.03	-3.14	--	-50.97	Peak	141.00	150	Vertical	N/A
4**	5293.750	82.48	-3.14	--	82.48	AV	141.00	150	Vertical	N/A
5	11827.075	50.59	-3.36	74.0	-23.41	Peak	208.00	150	Vertical	Pass
5**	11827.075	40.08	-3.36	54.0	-13.92	AV	208.00	150	Vertical	Pass
6	16052.775	52.65	-0.15	74.0	-21.35	Peak	48.00	150	Vertical	Pass
6**	16052.775	43.02	-0.15	54.0	-10.98	AV	48.00	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	1196.400	44.87	-17.85	74.0	-29.13	Peak	207.00	150	Horizontal	Pass
1**	1196.400	28.83	-17.85	54.0	-25.17	AV	207.00	150	Horizontal	Pass
2	2747.700	43.28	-10.72	74.0	-30.72	Peak	301.00	150	Horizontal	Pass
2**	2747.700	34.11	-10.72	54.0	-19.89	AV	301.00	150	Horizontal	Pass
3	3842.000	47.69	-6.32	74.0	-26.31	Peak	350.00	150	Horizontal	Pass
3**	3842.000	39.00	-6.32	54.0	-15.00	AV	350.00	150	Horizontal	Pass
4	5503.000	103.99	-3.55	--	--	Peak	115.00	150	Horizontal	N/A
4**	5503.000	95.96	-3.55	--	--	AV	115.00	150	Horizontal	N/A
5	11308.137	49.70	-4.08	74.0	-24.30	Peak	239.00	150	Horizontal	Pass
5**	11308.137	39.33	-4.08	54.0	-14.67	AV	239.00	150	Horizontal	Pass
6	16003.687	52.25	-0.15	74.0	-21.75	Peak	272.00	150	Horizontal	Pass
6**	16003.687	42.60	-0.15	54.0	-11.40	AV	272.00	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	1195.100	44.12	-17.78	74.0	-29.88	Peak	148.00	150	Vertical	Pass
1**	1195.100	27.98	-17.78	54.0	-26.02	AV	148.00	150	Vertical	Pass
2	2799.700	43.33	-10.36	74.0	-30.67	Peak	26.00	150	Vertical	Pass
2**	2799.700	33.77	-10.36	54.0	-20.23	AV	26.00	150	Vertical	Pass
3	4260.250	51.14	-4.69	74.0	-22.86	Peak	172.00	150	Vertical	Pass
3**	4260.250	45.23	-4.69	54.0	-8.77	AV	172.00	150	Vertical	Pass
4	5502.250	98.28	-3.44	--	--	Peak	108.00	150	Vertical	N/A
4**	5502.250	90.06	-3.44	--	--	AV	108.00	150	Vertical	N/A
5	12536.487	50.59	-2.22	74.0	-23.41	Peak	58.00	150	Vertical	Pass
5**	12536.487	40.36	-2.22	54.0	-13.64	AV	58.00	150	Vertical	Pass
6	15699.450	51.62	0.09	74.0	-22.38	Peak	248.00	150	Vertical	Pass
6**	15699.450	42.00	0.09	54.0	-12.00	AV	248.00	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	1199.900	41.38	-17.67	74.0	-32.62	Peak	276.00	150	Horizontal	Pass
1**	1199.900	31.99	-17.67	54.0	-22.01	AV	276.00	150	Horizontal	Pass
2	2856.000	42.95	-10.09	74.0	-31.05	Peak	119.00	150	Horizontal	Pass
2**	2856.000	34.29	-10.09	54.0	-19.71	AV	119.00	150	Horizontal	Pass
3	4245.750	48.50	-4.21	74.0	-25.50	Peak	0.00	150	Horizontal	Pass
3**	4245.750	39.40	-4.21	54.0	-14.60	AV	0.00	150	Horizontal	Pass
4	5582.500	105.61	-2.52	--	--	Peak	113.00	150	Horizontal	N/A
4**	5582.500	98.02	-2.52	--	--	AV	113.00	150	Horizontal	N/A
5	11162.313	50.78	-4.33	74.0	-23.22	Peak	348.00	150	Horizontal	Pass
5**	11162.313	41.58	-4.33	54.0	-12.42	AV	348.00	150	Horizontal	Pass
6	15864.825	51.30	-0.89	74.0	-22.70	Peak	336.00	150	Horizontal	Pass
6**	15864.825	42.12	-0.89	54.0	-11.88	AV	336.00	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	1157.800	40.25	-18.00	74.0	-33.75	Peak	178.00	150	Vertical	Pass
1**	1157.800	30.93	-18.00	54.0	-23.07	AV	178.00	150	Vertical	Pass
2	2871.500	43.42	-10.26	74.0	-30.58	Peak	151.00	150	Vertical	Pass
2**	2871.500	34.29	-10.26	54.0	-19.71	AV	151.00	150	Vertical	Pass
3	4261.750	49.84	-4.82	74.0	-24.16	Peak	350.00	150	Vertical	Pass
3**	4261.750	45.41	-4.82	54.0	-8.59	AV	350.00	150	Vertical	Pass
4	5583.500	97.84	-2.52	--	--	Peak	105.00	150	Vertical	N/A
4**	5583.500	90.87	-2.52	--	--	AV	105.00	150	Vertical	N/A
5	12328.438	50.22	-2.66	74.0	-23.78	Peak	65.00	150	Vertical	Pass
5**	12328.438	40.27	-2.66	54.0	-13.73	AV	65.00	150	Vertical	Pass
6	15867.187	52.35	-0.91	74.0	-21.65	Peak	344.00	150	Vertical	Pass
6**	15867.187	42.97	-0.91	54.0	-11.03	AV	344.00	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	1199.500	42.63	-17.66	74.0	-31.37	Peak	318.00	150	Horizontal	Pass
1**	1199.500	29.61	-17.66	54.0	-24.39	AV	318.00	150	Horizontal	Pass
2	2791.900	43.05	-10.79	74.0	-30.95	Peak	146.00	150	Horizontal	Pass
2**	2791.900	33.52	-10.79	54.0	-20.48	AV	146.00	150	Horizontal	Pass
3	4092.000	47.11	-5.57	74.0	-26.89	Peak	339.00	150	Horizontal	Pass
3**	4092.000	37.61	-5.57	54.0	-16.39	AV	339.00	150	Horizontal	Pass
4	5702.000	106.84	-2.80	--	--	Peak	116.00	150	Horizontal	N/A
4**	5702.000	99.44	-2.80	--	--	AV	116.00	150	Horizontal	N/A
5	11399.099	50.52	-4.22	74.0	-23.48	Peak	98.00	150	Horizontal	Pass
5**	11399.099	39.87	-4.22	54.0	-14.13	AV	98.00	150	Horizontal	Pass
6	16067.213	52.13	-0.40	74.0	-21.87	Peak	360.00	150	Horizontal	Pass
6**	16067.213	42.20	-0.40	54.0	-11.80	AV	360.00	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	1197.600	42.85	-17.74	74.0	-31.15	Peak	52.00	150	Vertical	Pass
1**	1197.600	32.16	-17.74	54.0	-21.84	AV	52.00	150	Vertical	Pass
2	2798.600	43.24	-10.34	74.0	-30.76	Peak	87.00	150	Vertical	Pass
2**	2798.600	34.20	-10.34	54.0	-19.80	AV	87.00	150	Vertical	Pass
3	4248.500	54.11	-4.41	74.0	-19.89	Peak	201.00	150	Vertical	Pass
3**	4248.500	45.14	-4.41	54.0	-8.86	AV	201.00	150	Vertical	Pass
4	5702.500	99.35	-2.84	--	--	Peak	146.00	150	Vertical	N/A
4**	5702.500	91.54	-2.84	--	--	AV	146.00	150	Vertical	N/A
5	11731.838	49.60	-4.06	74.0	-24.40	Peak	24.00	150	Vertical	Pass
5**	11731.838	39.59	-4.06	54.0	-14.41	AV	24.00	150	Vertical	Pass
6	15582.375	51.11	-1.00	74.0	-22.89	Peak	344.00	150	Vertical	Pass
6**	15582.375	41.86	-1.00	54.0	-12.14	AV	344.00	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	1197.400	42.14	-17.76	74.0	-31.86	Peak	161.00	150	Horizontal	Pass
1**	1197.400	30.71	-17.76	54.0	-23.29	AV	161.00	150	Horizontal	Pass
2	2744.700	43.10	-10.54	74.0	-30.90	Peak	230.00	150	Horizontal	Pass
2**	2744.700	33.34	-10.54	54.0	-20.66	AV	230.00	150	Horizontal	Pass
3	4305.000	48.97	-5.03	74.0	-25.03	Peak	340.00	150	Horizontal	Pass
3**	4305.000	39.01	-5.03	54.0	-14.99	AV	340.00	150	Horizontal	Pass
4	5497.000	102.09	-3.04	--	--	Peak	112.00	150	Horizontal	N/A
4**	5497.000	95.65	-3.04	--	--	AV	112.00	150	Horizontal	N/A
5	11786.225	49.35	-3.66	74.0	-24.65	Peak	100.00	150	Horizontal	Pass
5**	11786.225	40.99	-3.66	54.0	-13.01	AV	100.00	150	Horizontal	Pass
6	15683.963	51.63	-0.36	74.0	-22.37	Peak	360.00	150	Horizontal	Pass
6**	15683.963	41.12	-0.36	54.0	-12.88	AV	360.00	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	1198.600	45.64	-17.64	74.0	-28.36	Peak	176.00	150	Vertical	Pass
1**	1198.600	29.48	-17.64	54.0	-24.52	AV	176.00	150	Vertical	Pass
2	2743.800	43.04	-10.53	74.0	-30.96	Peak	9.00	150	Vertical	Pass
2**	2743.800	33.63	-10.53	54.0	-20.37	AV	9.00	150	Vertical	Pass
3	4264.750	47.07	-5.09	74.0	-26.93	Peak	164.00	150	Vertical	Pass
3**	4264.750	45.26	-5.09	54.0	-8.74	AV	164.00	150	Vertical	Pass
4	5497.250	95.78	-3.07	--	--	Peak	107.00	150	Vertical	N/A
4**	5497.250	89.13	-3.07	--	--	AV	107.00	150	Vertical	N/A
5	12542.188	50.29	-2.18	74.0	-23.71	Peak	45.00	150	Vertical	Pass
5**	12542.188	41.07	-2.18	54.0	-12.93	AV	45.00	150	Vertical	Pass
6	16134.412	52.56	-0.63	74.0	-21.44	Peak	361.00	150	Vertical	Pass
6**	16134.412	42.74	-0.63	54.0	-11.26	AV	361.00	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	1199.400	44.96	-17.66	74.0	-29.04	Peak	202.00	150	Horizontal	Pass
1**	1199.400	35.64	-17.66	54.0	-18.36	AV	202.00	150	Horizontal	Pass
2	2729.500	43.02	-11.13	74.0	-30.98	Peak	31.00	150	Horizontal	Pass
2**	2729.500	34.45	-11.13	54.0	-19.55	AV	31.00	150	Horizontal	Pass
3	4221.750	48.23	-5.18	74.0	-25.77	Peak	46.00	150	Horizontal	Pass
3**	4221.750	39.38	-5.18	54.0	-14.62	AV	46.00	150	Horizontal	Pass
4	5582.500	104.41	-2.52	--	--	Peak	111.00	150	Horizontal	N/A
4**	5582.500	97.65	-2.52	--	--	AV	111.00	150	Horizontal	N/A
5	11744.187	49.57	-4.00	74.0	-24.43	Peak	163.00	150	Horizontal	Pass
5**	11744.187	41.22	-4.00	54.0	-12.78	AV	163.00	150	Horizontal	Pass
6	16084.537	52.12	-0.71	74.0	-21.88	Peak	133.00	150	Horizontal	Pass
6**	16084.537	42.14	-0.71	54.0	-11.86	AV	133.00	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	1195.200	40.05	-17.79	74.0	-33.95	Peak	142.00	150	Vertical	Pass
1**	1195.200	27.64	-17.79	54.0	-26.36	AV	142.00	150	Vertical	Pass
2	2799.700	43.68	-10.36	74.0	-30.32	Peak	313.00	150	Vertical	Pass
2**	2799.700	34.23	-10.36	54.0	-19.77	AV	313.00	150	Vertical	Pass
3	4267.500	47.88	-5.02	74.0	-26.12	Peak	260.00	150	Vertical	Pass
3**	4267.500	46.15	-5.02	54.0	-7.85	AV	260.00	150	Vertical	Pass
4	5587.250	97.37	-2.69	--	--	Peak	107.00	150	Vertical	N/A
4**	5587.250	88.38	-2.69	--	--	AV	107.00	150	Vertical	N/A
5	12326.537	50.00	-2.64	74.0	-24.00	Peak	38.00	150	Vertical	Pass
5**	12326.537	39.91	-2.64	54.0	-14.09	AV	38.00	150	Vertical	Pass
6	16076.925	51.76	-0.57	74.0	-22.24	Peak	327.00	150	Vertical	Pass
6**	16076.925	41.72	-0.57	54.0	-12.28	AV	327.00	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	1194.400	44.09	-17.75	74.0	-29.91	Peak	281.00	150	Horizontal	Pass
1**	1194.400	27.29	-17.75	54.0	-26.71	AV	281.00	150	Horizontal	Pass
2	2798.000	43.68	-10.41	74.0	-30.32	Peak	63.00	150	Horizontal	Pass
2**	2798.000	34.80	-10.41	54.0	-19.20	AV	63.00	150	Horizontal	Pass
3	4259.750	48.13	-4.66	74.0	-25.87	Peak	356.00	150	Horizontal	Pass
3**	4259.750	39.75	-4.66	54.0	-14.25	AV	356.00	150	Horizontal	Pass
4	5702.250	104.46	-2.82	--	--	Peak	360.00	150	Horizontal	N/A
4**	5702.250	96.76	-2.82	--	--	AV	360.00	150	Horizontal	N/A
5	11688.612	49.32	-4.26	74.0	-24.68	Peak	3.00	150	Horizontal	Pass
5**	11688.612	37.36	-4.26	54.0	-16.64	AV	3.00	150	Horizontal	Pass
6	16030.463	52.55	-0.12	74.0	-21.45	Peak	226.00	150	Horizontal	Pass
6**	16030.463	42.86	-0.12	54.0	-11.14	AV	226.00	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	1196.200	43.37	-17.84	74.0	-30.63	Peak	156.00	150	Vertical	Pass
1**	1196.200	29.56	-17.84	54.0	-24.44	AV	156.00	150	Vertical	Pass
2	2837.200	43.38	-10.68	74.0	-30.62	Peak	325.00	150	Vertical	Pass
2**	2837.200	34.03	-10.68	54.0	-19.97	AV	325.00	150	Vertical	Pass
3	4267.000	49.72	-4.97	74.0	-24.28	Peak	164.00	150	Vertical	Pass
3**	4267.000	46.44	-4.97	54.0	-7.56	AV	164.00	150	Vertical	Pass
4	5697.750	97.23	-2.83	--	--	Peak	149.00	150	Vertical	N/A
4**	5697.750	90.33	-2.83	--	--	AV	149.00	150	Vertical	N/A
5	11991.900	49.83	-3.62	74.0	-24.17	Peak	2.00	150	Vertical	Pass
5**	11991.900	38.87	-3.62	54.0	-15.13	AV	2.00	150	Vertical	Pass
6	15941.737	51.91	-0.39	74.0	-22.09	Peak	321.00	150	Vertical	Pass
6**	15941.737	41.91	-0.39	54.0	-12.09	AV	321.00	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	1209.000	40.30	-17.85	74.0	-33.70	Peak	158.00	150	Horizontal	Pass
1**	1209.000	29.92	-17.85	54.0	-24.08	AV	158.00	150	Horizontal	Pass
2	2757.300	43.20	-11.15	74.0	-30.80	Peak	325.00	150	Horizontal	Pass
2**	2757.300	33.55	-11.15	54.0	-20.45	AV	325.00	150	Horizontal	Pass
3	4254.000	50.65	-4.50	74.0	-23.35	Peak	341.00	150	Horizontal	Pass
3**	4254.000	39.26	-4.50	54.0	-14.74	AV	341.00	150	Horizontal	Pass
4	5505.250	99.77	-3.59	--	--	Peak	115.00	150	Horizontal	N/A
4**	5505.250	93.28	-3.59	--	--	AV	115.00	150	Horizontal	N/A
5	12491.125	49.86	-2.41	74.0	-24.14	Peak	101.00	150	Horizontal	Pass
5**	12491.125	39.30	-2.41	54.0	-14.70	AV	101.00	150	Horizontal	Pass
6	15765.075	51.41	-0.88	74.0	-22.59	Peak	272.00	150	Horizontal	Pass
6**	15765.075	41.10	-0.88	54.0	-12.90	AV	272.00	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	1198.200	42.21	-17.68	74.0	-31.79	Peak	161.00	150	Vertical	Pass
1**	1198.200	29.42	-17.68	54.0	-24.58	AV	161.00	150	Vertical	Pass
2	2766.300	43.25	-10.89	74.0	-30.75	Peak	219.00	150	Vertical	Pass
2**	2766.300	34.01	-10.89	54.0	-19.99	AV	219.00	150	Vertical	Pass
3	4266.000	49.53	-5.04	74.0	-24.47	Peak	211.00	150	Vertical	Pass
3**	4266.000	46.12	-5.04	54.0	-7.88	AV	211.00	150	Vertical	Pass
4	5494.250	93.70	-2.81	--	--	Peak	107.00	150	Vertical	N/A
4**	5494.250	85.80	-2.81	--	--	AV	107.00	150	Vertical	N/A
5	11757.487	49.78	-3.91	74.0	-24.22	Peak	274.00	150	Vertical	Pass
5**	11757.487	40.99	-3.91	54.0	-13.01	AV	274.00	150	Vertical	Pass
6	15959.850	52.76	-0.22	74.0	-21.24	Peak	0.00	150	Vertical	Pass
6**	15959.850	44.19	-0.22	54.0	-9.81	AV	0.00	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	1197.400	39.75	-17.76	74.0	-34.25	Peak	199.00	150	Horizontal	Pass
1**	1197.400	29.64	-17.76	54.0	-24.36	AV	199.00	150	Horizontal	Pass
2	2807.000	43.36	-10.31	74.0	-30.64	Peak	231.00	150	Horizontal	Pass
2**	2807.000	34.37	-10.31	54.0	-19.63	AV	231.00	150	Horizontal	Pass
3	4268.750	49.24	-5.18	74.0	-24.76	Peak	339.00	150	Horizontal	Pass
3**	4268.750	40.03	-5.18	54.0	-13.97	AV	339.00	150	Horizontal	Pass
4	5592.750	102.17	-2.72	--	--	Peak	105.00	150	Horizontal	N/A
4**	5592.750	94.49	-2.72	--	--	AV	105.00	150	Horizontal	N/A
5	12000.451	49.87	-3.61	74.0	-24.13	Peak	119.00	150	Horizontal	Pass
5**	12000.451	39.56	-3.61	54.0	-14.44	AV	119.00	150	Horizontal	Pass
6	15893.437	51.58	-1.14	74.0	-22.42	Peak	311.00	150	Horizontal	Pass
6**	15893.437	41.58	-1.14	54.0	-12.42	AV	311.00	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	1202.600	39.50	-17.62	74.0	-34.50	Peak	239.00	150	Vertical	Pass
1**	1202.600	27.45	-17.62	54.0	-26.55	AV	239.00	150	Vertical	Pass
2	2742.200	43.40	-10.48	74.0	-30.60	Peak	204.00	150	Vertical	Pass
2**	2742.200	33.84	-10.48	54.0	-20.16	AV	204.00	150	Vertical	Pass
3	4253.500	52.32	-4.47	74.0	-21.68	Peak	260.00	150	Vertical	Pass
3**	4253.500	41.64	-4.47	54.0	-12.36	AV	260.00	150	Vertical	Pass
4	5596.250	95.67	-2.43	--	--	Peak	113.00	150	Vertical	N/A
4**	5596.250	89.08	-2.43	--	--	AV	113.00	150	Vertical	N/A
5	12475.450	50.42	-2.31	74.0	-23.58	Peak	207.00	150	Vertical	Pass
5**	12475.450	40.67	-2.31	54.0	-13.33	AV	207.00	150	Vertical	Pass
6	15858.263	51.45	-0.83	74.0	-22.55	Peak	319.00	150	Vertical	Pass
6**	15858.263	41.84	-0.83	54.0	-12.16	AV	319.00	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	1196.200	42.66	-17.84	74.0	-31.34	Peak	58.00	150	Horizontal	Pass
1**	1196.200	33.80	-17.84	54.0	-20.20	AV	58.00	150	Horizontal	Pass
2	2789.800	43.10	-10.91	74.0	-30.90	Peak	351.00	150	Horizontal	Pass
2**	2789.800	33.10	-10.91	54.0	-20.90	AV	351.00	150	Horizontal	Pass
3	4226.750	47.99	-5.30	74.0	-26.01	Peak	186.00	150	Horizontal	Pass
3**	4226.750	38.27	-5.30	54.0	-15.73	AV	186.00	150	Horizontal	Pass
4	5654.750	102.67	-2.25	--	--	Peak	113.00	150	Horizontal	N/A
4**	5654.750	94.45	-2.25	--	--	AV	113.00	150	Horizontal	N/A
5	12030.612	50.41	-3.43	74.0	-23.59	Peak	360.00	150	Horizontal	Pass
5**	12030.612	39.86	-3.43	54.0	-14.14	AV	360.00	150	Horizontal	Pass
6	15664.275	52.20	-0.92	74.0	-21.80	Peak	176.00	150	Horizontal	Pass
6**	15664.275	41.81	-0.92	54.0	-12.19	AV	176.00	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	1199.300	41.81	-17.66	74.0	-32.19	Peak	67.00	150	Vertical	Pass
1**	1199.300	27.62	-17.66	54.0	-26.38	AV	67.00	150	Vertical	Pass
2	2833.400	42.84	-10.70	74.0	-31.16	Peak	307.00	150	Vertical	Pass
2**	2833.400	33.94	-10.70	54.0	-20.06	AV	307.00	150	Vertical	Pass
3	4247.250	47.01	-4.39	74.0	-26.99	Peak	181.00	150	Vertical	Pass
3**	4247.250	44.82	-4.39	54.0	-9.18	AV	181.00	150	Vertical	Pass
4	5674.250	95.43	-2.55	--	--	Peak	149.00	150	Vertical	N/A
4**	5674.250	87.39	-2.55	--	--	AV	149.00	150	Vertical	N/A
5	12306.113	50.25	-2.48	74.0	-23.75	Peak	87.00	150	Vertical	Pass
5**	12306.113	40.38	-2.48	54.0	-13.62	AV	87.00	150	Vertical	Pass
6	15909.188	51.26	-1.02	74.0	-22.74	Peak	301.00	150	Vertical	Pass
6**	15909.188	42.11	-1.02	54.0	-11.89	AV	301.00	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	1196.200	41.82	-17.84	74.0	-32.18	Peak	280.00	150	Horizontal	Pass
1**	1196.200	27.62	-17.84	54.0	-26.38	AV	280.00	150	Horizontal	Pass
2	2745.900	43.15	-10.57	74.0	-30.85	Peak	36.00	150	Horizontal	Pass
2**	2745.900	34.05	-10.57	54.0	-19.95	AV	36.00	150	Horizontal	Pass
3	4250.000	48.58	-4.24	74.0	-25.42	Peak	301.00	150	Horizontal	Pass
3**	4250.000	39.64	-4.24	54.0	-14.36	AV	301.00	150	Horizontal	Pass
4	5492.750	103.22	-2.76	--	--	Peak	113.00	150	Horizontal	N/A
4**	5492.750	95.52	-2.76	--	--	AV	113.00	150	Horizontal	N/A
5	12024.438	50.22	-3.47	74.0	-23.78	Peak	330.00	150	Horizontal	Pass
5**	12024.438	40.10	-3.47	54.0	-13.90	AV	330.00	150	Horizontal	Pass
6	16064.062	52.18	-0.35	74.0	-21.82	Peak	267.00	150	Horizontal	Pass
6**	16064.062	42.23	-0.35	54.0	-11.77	AV	267.00	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	1194.100	42.02	-17.73	74.0	-31.98	Peak	163.00	150	Vertical	Pass
1**	1194.100	28.56	-17.73	54.0	-25.44	AV	163.00	150	Vertical	Pass
2	2847.100	43.99	-10.39	74.0	-30.01	Peak	241.00	150	Vertical	Pass
2**	2847.100	33.43	-10.39	54.0	-20.57	AV	241.00	150	Vertical	Pass
3	4258.500	47.43	-4.58	74.0	-26.57	Peak	211.00	150	Vertical	Pass
3**	4258.500	46.83	-4.58	54.0	-7.17	AV	211.00	150	Vertical	Pass
4	5492.500	97.16	-2.75	--	--	Peak	108.00	150	Vertical	N/A
4**	5492.500	89.37	-2.75	--	--	AV	108.00	150	Vertical	N/A
5	12643.125	50.31	-2.34	74.0	-23.69	Peak	164.00	150	Vertical	Pass
5**	12643.125	40.64	-2.34	54.0	-13.36	AV	164.00	150	Vertical	Pass
6	15933.862	51.47	-0.54	74.0	-22.53	Peak	223.00	150	Vertical	Pass
6**	15933.862	42.86	-0.54	54.0	-11.14	AV	223.00	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	1200.100	42.84	-17.67	74.0	-31.16	Peak	193.00	150	Horizontal	Pass
1**	1200.100	29.09	-17.67	54.0	-24.91	AV	193.00	150	Horizontal	Pass
2	2818.500	43.38	-10.90	74.0	-30.62	Peak	257.00	150	Horizontal	Pass
2**	2818.500	33.53	-10.90	54.0	-20.47	AV	257.00	150	Horizontal	Pass
3	4228.000	48.13	-5.40	74.0	-25.87	Peak	268.00	150	Horizontal	Pass
3**	4228.000	39.04	-5.40	54.0	-14.96	AV	268.00	150	Horizontal	Pass
4	5581.750	104.44	-2.46	--	--	Peak	115.00	150	Horizontal	N/A
4**	5581.750	96.58	-2.46	--	--	AV	115.00	150	Horizontal	N/A
5	12480.675	50.45	-2.35	74.0	-23.55	Peak	53.00	150	Horizontal	Pass
5**	12480.675	41.08	-2.35	54.0	-12.92	AV	53.00	150	Horizontal	Pass
6	16111.838	51.98	-0.86	74.0	-22.02	Peak	291.00	150	Horizontal	Pass
6**	16111.838	42.71	-0.86	54.0	-11.29	AV	291.00	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	1195.100	41.74	-17.78	74.0	-32.26	Peak	355.00	150	Vertical	Pass
1**	1195.100	28.74	-17.78	54.0	-25.26	AV	355.00	150	Vertical	Pass
2	2760.500	43.33	-11.13	74.0	-30.67	Peak	107.00	150	Vertical	Pass
2**	2760.500	34.05	-11.13	54.0	-19.95	AV	107.00	150	Vertical	Pass
3	4267.000	51.02	-4.97	74.0	-22.98	Peak	166.00	150	Vertical	Pass
3**	4267.000	46.21	-4.97	54.0	-7.79	AV	166.00	150	Vertical	Pass
4	5583.250	97.48	-2.52	--	--	Peak	108.00	150	Vertical	N/A
4**	5583.250	90.18	-2.52	--	--	AV	108.00	150	Vertical	N/A
5	11345.424	49.64	-4.44	74.0	-24.36	Peak	94.00	150	Vertical	Pass
5**	11345.424	39.77	-4.44	54.0	-14.23	AV	94.00	150	Vertical	Pass
6	16008.674	51.99	-0.14	74.0	-22.01	Peak	337.00	150	Vertical	Pass
6**	16008.674	42.14	-0.14	54.0	-11.86	AV	337.00	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	1196.100	42.94	-17.83	74.0	-31.06	Peak	237.00	150	Horizontal	Pass
1**	1196.100	29.98	-17.83	54.0	-24.02	AV	237.00	150	Horizontal	Pass
2	2802.200	43.04	-10.52	74.0	-30.96	Peak	259.00	150	Horizontal	Pass
2**	2802.200	33.53	-10.52	54.0	-20.47	AV	259.00	150	Horizontal	Pass
3	4250.250	48.20	-4.24	74.0	-25.80	Peak	197.00	150	Horizontal	Pass
3**	4250.250	39.11	-4.24	54.0	-14.89	AV	197.00	150	Horizontal	Pass
4	5702.750	105.57	-2.85	--	--	Peak	116.00	150	Horizontal	N/A
4**	5702.750	98.24	-2.85	--	--	AV	116.00	150	Horizontal	N/A
5	11420.237	49.80	-4.07	74.0	-24.20	Peak	29.00	150	Horizontal	Pass
5**	11420.237	39.18	-4.07	54.0	-14.82	AV	29.00	150	Horizontal	Pass
6	15785.813	51.80	-0.78	74.0	-22.20	Peak	257.00	150	Horizontal	Pass
6**	15785.813	42.31	-0.78	54.0	-11.69	AV	257.00	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	1198.900	44.79	-17.65	74.0	-29.21	Peak	33.00	150	Vertical	Pass
1**	1198.900	28.43	-17.65	54.0	-25.57	AV	33.00	150	Vertical	Pass
2	2754.800	43.54	-11.12	74.0	-30.46	Peak	25.00	150	Vertical	Pass
2**	2754.800	33.26	-11.12	54.0	-20.74	AV	25.00	150	Vertical	Pass
3	4250.500	46.94	-4.26	74.0	-27.06	Peak	196.00	150	Vertical	Pass
3**	4250.500	45.55	-4.26	54.0	-8.45	AV	196.00	150	Vertical	Pass
4	5698.000	97.49	-2.87	--	--	Peak	147.00	150	Vertical	N/A
4**	5698.000	89.16	-2.87	--	--	AV	147.00	150	Vertical	N/A
5	11725.187	49.27	-4.09	74.0	-24.73	Peak	123.00	150	Vertical	Pass
5**	11725.187	39.49	-4.09	54.0	-14.51	AV	123.00	150	Vertical	Pass
6	15545.099	51.40	-0.55	74.0	-22.60	Peak	334.00	150	Vertical	Pass
6**	15545.099	41.69	-0.55	54.0	-12.31	AV	334.00	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	1194.700	44.57	-17.76	74.0	-29.43	Peak	201.00	150	Horizontal	Pass
1**	1194.700	28.37	-17.76	54.0	-25.63	AV	201.00	150	Horizontal	Pass
2	2828.600	43.27	-10.88	74.0	-30.73	Peak	0.00	150	Horizontal	Pass
2**	2828.600	34.12	-10.88	54.0	-19.88	AV	0.00	150	Horizontal	Pass
3	4262.250	48.40	-4.87	74.0	-25.60	Peak	81.00	150	Horizontal	Pass
3**	4262.250	39.19	-4.87	54.0	-14.81	AV	81.00	150	Horizontal	Pass
4	5495.750	101.07	-2.88	--	--	Peak	113.00	150	Horizontal	N/A
4**	5495.750	92.41	-2.88	--	--	AV	113.00	150	Horizontal	N/A
5	11068.738	49.66	-4.87	74.0	-24.34	Peak	24.00	150	Horizontal	Pass
5**	11068.738	39.67	-4.87	54.0	-14.33	AV	24.00	150	Horizontal	Pass
6	15820.724	52.16	-0.74	74.0	-21.84	Peak	0.00	150	Horizontal	Pass
6**	15820.724	42.80	-0.74	54.0	-11.20	AV	0.00	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	1196.700	44.97	-17.83	74.0	-29.03	Peak	23.00	150	Vertical	Pass
1**	1196.700	36.18	-17.83	54.0	-17.82	AV	23.00	150	Vertical	Pass
2	2836.300	43.71	-10.70	74.0	-30.29	Peak	138.00	150	Vertical	Pass
2**	2836.300	33.54	-10.70	54.0	-20.46	AV	138.00	150	Vertical	Pass
3	4260.250	48.50	-4.69	74.0	-25.50	Peak	171.00	150	Vertical	Pass
3**	4260.250	46.59	-4.69	54.0	-7.41	AV	171.00	150	Vertical	Pass
4	5503.250	93.06	-3.59	--	--	Peak	107.00	150	Vertical	N/A
4**	5503.250	85.29	-3.59	--	--	AV	107.00	150	Vertical	N/A
5	12236.763	49.94	-2.93	74.0	-24.06	Peak	0.00	150	Vertical	Pass
5**	12236.763	39.25	-2.93	54.0	-14.75	AV	0.00	150	Vertical	Pass
6	16071.675	52.99	-0.48	74.0	-21.01	Peak	0.00	150	Vertical	Pass
6**	16071.675	42.68	-0.48	54.0	-11.32	AV	0.00	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	1195.100	45.23	-17.78	74.0	-28.77	Peak	190.00	150	Horizontal	Pass
1**	1195.100	34.24	-17.78	54.0	-19.76	AV	190.00	150	Horizontal	Pass
2	2809.000	43.48	-10.76	74.0	-30.52	Peak	234.00	150	Horizontal	Pass
2**	2809.000	33.75	-10.76	54.0	-20.25	AV	234.00	150	Horizontal	Pass
3	4249.500	49.25	-4.29	74.0	-24.75	Peak	237.00	150	Horizontal	Pass
3**	4249.500	38.80	-4.29	54.0	-15.20	AV	237.00	150	Horizontal	Pass
4	5597.250	101.94	-2.29	--	--	Peak	113.00	150	Horizontal	N/A
4**	5597.250	93.93	-2.29	--	--	AV	113.00	150	Horizontal	N/A
5	12448.375	50.67	-2.18	74.0	-23.33	Peak	49.00	150	Horizontal	Pass
5**	12448.375	40.79	-2.18	54.0	-13.21	AV	49.00	150	Horizontal	Pass
6	15944.625	52.06	-0.34	74.0	-21.94	Peak	360.00	150	Horizontal	Pass
6**	15944.625	42.60	-0.34	54.0	-11.40	AV	360.00	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	1199.400	43.32	-17.66	74.0	-30.68	Peak	45.00	150	Vertical	Pass
1**	1199.400	28.67	-17.66	54.0	-25.33	AV	45.00	150	Vertical	Pass
2	2826.400	43.21	-10.88	74.0	-30.79	Peak	139.00	150	Vertical	Pass
2**	2826.400	33.87	-10.88	54.0	-20.13	AV	139.00	150	Vertical	Pass
3	4263.000	51.85	-4.95	74.0	-22.15	Peak	149.00	150	Vertical	Pass
3**	4263.000	43.16	-4.95	54.0	-10.84	AV	149.00	150	Vertical	Pass
4	5598.000	94.70	-2.35	--	--	Peak	108.00	150	Vertical	N/A
4**	5598.000	85.56	-2.35	--	--	AV	108.00	150	Vertical	N/A
5	11673.650	49.47	-4.35	74.0	-24.53	Peak	89.00	150	Vertical	Pass
5**	11673.650	39.77	-4.35	54.0	-14.23	AV	89.00	150	Vertical	Pass
6	15957.488	52.00	-0.22	74.0	-22.00	Peak	112.00	150	Vertical	Pass
6**	15957.488	43.49	-0.22	54.0	-10.51	AV	112.00	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	1195.100	46.67	-17.78	74.0	-27.33	Peak	283.00	150	Horizontal	Pass
1**	1195.100	27.39	-17.78	54.0	-26.61	AV	283.00	150	Horizontal	Pass
2	2799.100	43.89	-10.34	74.0	-30.11	Peak	212.00	150	Horizontal	Pass
2**	2799.100	33.93	-10.34	54.0	-20.07	AV	212.00	150	Horizontal	Pass
3	4294.000	48.79	-4.80	74.0	-25.21	Peak	252.00	150	Horizontal	Pass
3**	4294.000	38.69	-4.80	54.0	-15.31	AV	252.00	150	Horizontal	Pass
4	5664.000	103.29	-2.29	--	--	Peak	117.00	150	Horizontal	N/A
4**	5664.000	95.43	-2.29	--	--	AV	117.00	150	Horizontal	N/A
5	12059.350	50.31	-3.40	74.0	-23.69	Peak	281.00	150	Horizontal	Pass
5**	12059.350	40.72	-3.40	54.0	-13.28	AV	281.00	150	Horizontal	Pass
6	15687.638	51.70	-0.25	74.0	-22.30	Peak	360.00	150	Horizontal	Pass
6**	15687.638	41.14	-0.25	54.0	-12.86	AV	360.00	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	1195.100	46.52	-17.78	74.0	-27.48	Peak	170.00	150	Vertical	Pass
1**	1195.100	27.90	-17.78	54.0	-26.10	AV	170.00	150	Vertical	Pass
2	2726.600	43.20	-11.19	74.0	-30.80	Peak	145.00	150	Vertical	Pass
2**	2726.600	33.33	-11.19	54.0	-20.67	AV	145.00	150	Vertical	Pass
3	4255.000	48.19	-4.46	74.0	-25.81	Peak	204.00	150	Vertical	Pass
3**	4255.000	46.58	-4.46	54.0	-7.42	AV	204.00	150	Vertical	Pass
4	5662.750	95.93	-2.33	--	--	Peak	149.00	150	Vertical	N/A
4**	5662.750	88.04	-2.33	--	--	AV	149.00	150	Vertical	N/A
5	11828.500	49.56	-3.35	74.0	-24.44	Peak	38.00	150	Vertical	Pass
5**	11828.500	39.51	-3.35	54.0	-14.49	AV	38.00	150	Vertical	Pass
6	15948.826	51.65	-0.25	74.0	-22.35	Peak	293.00	150	Vertical	Pass
6**	15948.826	42.70	-0.25	54.0	-11.30	AV	293.00	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	1195.700	43.12	-17.81	74.0	-30.88	Peak	346.00	150	Horizontal	Pass
1**	1195.700	28.33	-17.81	54.0	-25.67	AV	346.00	150	Horizontal	Pass
2	2742.700	43.49	-10.50	74.0	-30.51	Peak	70.00	150	Horizontal	Pass
2**	2742.700	33.91	-10.50	54.0	-20.09	AV	70.00	150	Horizontal	Pass
3	4251.000	48.74	-4.29	74.0	-25.26	Peak	233.00	150	Horizontal	Pass
3**	4251.000	39.70	-4.29	54.0	-14.30	AV	233.00	150	Horizontal	Pass
4	5544.000	97.31	-2.40	--	-14.69	Peak	112.00	150	Horizontal	Pass
4**	5544.000	88.88	-2.40	--	88.88	AV	112.00	150	Horizontal	N/A
5	11780.287	49.31	-3.71	74.0	-24.69	Peak	193.00	150	Horizontal	Pass
5**	11780.287	39.24	-3.71	54.0	-14.76	AV	193.00	150	Horizontal	Pass
6	16073.250	51.32	-0.51	74.0	-22.68	Peak	324.00	150	Horizontal	Pass
6**	16073.250	42.82	-0.51	54.0	-11.18	AV	324.00	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	1197.600	39.34	-17.74	74.0	-34.66	Peak	185.00	150	Vertical	Pass
1**	1197.600	28.27	-17.74	54.0	-25.73	AV	185.00	150	Vertical	Pass
2	2762.800	42.72	-11.33	74.0	-31.28	Peak	118.00	150	Vertical	Pass
2**	2762.800	33.24	-11.33	54.0	-20.76	AV	118.00	150	Vertical	Pass
3	4248.750	53.48	-4.38	74.0	-20.52	Peak	165.00	150	Vertical	Pass
3**	4248.750	43.67	-4.38	54.0	-10.33	AV	165.00	150	Vertical	Pass
4	5547.750	88.30	-2.50	--	-21.70	Peak	110.00	150	Vertical	N/A
4**	5547.750	80.60	-2.50	--	80.60	AV	110.00	150	Vertical	N/A
5	12110.175	49.78	-3.63	74.0	-24.22	Peak	239.00	150	Vertical	Pass
5**	12110.175	39.89	-3.63	54.0	-14.11	AV	239.00	150	Vertical	Pass
6	15947.513	52.38	-0.28	74.0	-21.62	Peak	355.00	150	Vertical	Pass
6**	15947.513	41.24	-0.28	54.0	-12.76	AV	355.00	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	1200.500	42.15	-17.68	74.0	-31.85	Peak	280.00	150	Horizontal	Pass
1**	1200.500	29.28	-17.68	54.0	-24.72	AV	280.00	150	Horizontal	Pass
2	2857.200	43.24	-10.06	74.0	-30.76	Peak	290.00	150	Horizontal	Pass
2**	2857.200	33.99	-10.06	54.0	-20.01	AV	290.00	150	Horizontal	Pass
3	4245.750	48.01	-4.21	74.0	-25.99	Peak	85.00	150	Horizontal	Pass
3**	4245.750	39.41	-4.21	54.0	-14.59	AV	85.00	150	Horizontal	Pass
4	5646.750	96.56	-2.88	--	--	Peak	117.00	150	Horizontal	N/A
4**	5646.750	88.96	-2.88	--	--	AV	117.00	150	Horizontal	N/A
5	12063.150	49.59	-3.43	74.0	-24.41	Peak	47.00	150	Horizontal	Pass
5**	12063.150	40.26	-3.43	54.0	-13.74	AV	47.00	150	Horizontal	Pass
6	15571.088	51.42	-0.83	74.0	-22.58	Peak	157.00	150	Horizontal	Pass
6**	15571.088	42.05	-0.83	54.0	-11.95	AV	157.00	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	1195.700	42.70	-17.81	74.0	-31.30	Peak	176.00	150	Vertical	Pass
1**	1195.700	28.03	-17.81	54.0	-25.97	AV	176.00	150	Vertical	Pass
2	2736.600	44.01	-10.64	74.0	-29.99	Peak	110.00	150	Vertical	Pass
2**	2736.600	33.27	-10.64	54.0	-20.73	AV	110.00	150	Vertical	Pass
3	4253.500	51.60	-4.47	74.0	-22.40	Peak	214.00	150	Vertical	Pass
3**	4253.500	42.81	-4.47	54.0	-11.19	AV	214.00	150	Vertical	Pass
4	5595.500	89.68	-2.54	--	--	Peak	117.00	150	Vertical	N/A
4**	5595.500	81.79	-2.54	--	--	AV	117.00	150	Vertical	N/A
5	12101.862	50.07	-3.73	74.0	-23.93	Peak	358.00	150	Vertical	Pass
5**	12101.862	39.24	-3.73	54.0	-14.76	AV	358.00	150	Vertical	Pass
6	16056.713	52.22	-0.22	74.0	-21.78	Peak	83.00	150	Vertical	Pass
6**	16056.713	42.95	-0.22	54.0	-11.05	AV	83.00	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	1194.500	41.93	-17.75	74.0	-32.07	Peak	156.00	150	Horizontal	Pass
1**	1194.500	28.04	-17.75	54.0	-25.96	AV	156.00	150	Horizontal	Pass
2	2826.200	43.11	-10.88	74.0	-30.89	Peak	257.00	150	Horizontal	Pass
2**	2826.200	33.97	-10.88	54.0	-20.03	AV	257.00	150	Horizontal	Pass
3	4256.250	48.02	-4.33	74.0	-25.98	Peak	150.00	150	Horizontal	Pass
3**	4256.250	40.31	-4.33	54.0	-13.69	AV	150.00	150	Horizontal	Pass
4	5746.750	105.74	-2.77	--	--	Peak	117.00	150	Horizontal	N/A
4**	5746.750	98.31	-2.77	--	--	AV	117.00	150	Horizontal	N/A
5	12435.787	49.75	-2.37	74.0	-24.25	Peak	294.00	150	Horizontal	Pass
5**	12435.787	40.68	-2.37	54.0	-13.32	AV	294.00	150	Horizontal	Pass
6	15796.838	51.41	-0.73	74.0	-22.59	Peak	66.00	150	Horizontal	Pass
6**	15796.838	40.95	-0.73	54.0	-13.05	AV	66.00	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	1199.600	42.18	-17.66	74.0	-31.82	Peak	349.00	150	Vertical	Pass
1**	1199.600	28.68	-17.66	54.0	-25.32	AV	349.00	150	Vertical	Pass
2	2837.800	43.11	-10.70	74.0	-30.89	Peak	327.00	150	Vertical	Pass
2**	2837.800	33.67	-10.70	54.0	-20.33	AV	327.00	150	Vertical	Pass
3	4252.000	46.90	-4.35	74.0	-27.10	Peak	326.00	150	Vertical	Pass
3**	4252.000	46.16	-4.35	54.0	-7.84	AV	326.00	150	Vertical	Pass
4	5738.500	97.30	-2.64	--	--	Peak	149.00	150	Vertical	N/A
4**	5738.500	90.04	-2.64	--	--	AV	149.00	150	Vertical	N/A
5	12199.474	49.78	-2.99	74.0	-24.22	Peak	254.00	150	Vertical	Pass
5**	12199.474	40.40	-2.99	54.0	-13.60	AV	254.00	150	Vertical	Pass
6	15818.888	52.64	-0.73	74.0	-21.36	Peak	154.00	150	Vertical	Pass
6**	15818.888	42.15	-0.73	54.0	-11.85	AV	154.00	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	1196.400	40.52	-17.85	74.0	-33.48	Peak	51.00	150	Horizontal	Pass
1**	1196.400	28.94	-17.85	54.0	-25.06	AV	51.00	150	Horizontal	Pass
2	2814.400	43.13	-10.91	74.0	-30.87	Peak	267.00	150	Horizontal	Pass
2**	2814.400	34.04	-10.91	54.0	-19.96	AV	267.00	150	Horizontal	Pass
3	4254.750	47.96	-4.48	74.0	-26.04	Peak	60.00	150	Horizontal	Pass
3**	4254.750	38.96	-4.48	54.0	-15.04	AV	60.00	150	Horizontal	Pass
4	5786.750	106.06	-2.87	--	--	Peak	107.00	150	Horizontal	N/A
4**	5786.750	99.05	-2.87	--	--	AV	107.00	150	Horizontal	N/A
5	12030.137	50.00	-3.44	74.0	-24.00	Peak	126.00	150	Horizontal	Pass
5**	12030.137	39.91	-3.44	54.0	-14.09	AV	126.00	150	Horizontal	Pass
6	15952.763	52.62	-0.23	74.0	-21.38	Peak	332.00	150	Horizontal	Pass
6**	15952.763	43.29	-0.23	54.0	-10.71	AV	332.00	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	1197.400	44.76	-17.76	74.0	-29.24	Peak	171.00	150	Vertical	Pass
1**	1197.400	27.57	-17.76	54.0	-26.43	AV	171.00	150	Vertical	Pass
2	2868.300	43.53	-10.27	74.0	-30.47	Peak	33.00	150	Vertical	Pass
2**	2868.300	34.22	-10.27	54.0	-19.78	AV	33.00	150	Vertical	Pass
3	4254.250	46.92	-4.52	74.0	-27.08	Peak	172.00	150	Vertical	Pass
3**	4254.250	47.85	-4.52	54.0	-6.15	AV	172.00	150	Vertical	Pass
4	5781.750	97.29	-3.01	--	--	Peak	156.00	150	Vertical	N/A
4**	5781.750	89.19	-3.01	--	--	AV	156.00	150	Vertical	N/A
5	12238.662	49.79	-2.93	74.0	-24.21	Peak	316.00	150	Vertical	Pass
5**	12238.662	40.13	-2.93	54.0	-13.87	AV	316.00	150	Vertical	Pass
6	15940.688	52.19	-0.41	74.0	-21.81	Peak	31.00	150	Vertical	Pass
6**	15940.688	42.06	-0.41	54.0	-11.94	AV	31.00	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	1195.200	39.44	-17.79	74.0	-34.56	Peak	255.00	150	Horizontal	Pass
1**	1195.200	27.64	-17.79	54.0	-26.36	AV	255.00	150	Horizontal	Pass
2	2856.600	43.54	-10.07	74.0	-30.46	Peak	6.00	150	Horizontal	Pass
2**	2856.600	34.96	-10.07	54.0	-19.04	AV	6.00	150	Horizontal	Pass
3	3977.250	47.77	-5.53	74.0	-26.23	Peak	36.00	150	Horizontal	Pass
3**	3977.250	36.82	-5.53	54.0	-17.18	AV	36.00	150	Horizontal	Pass
4	5828.000	105.72	-2.25	--	--	Peak	117.00	150	Horizontal	N/A
4**	5828.000	97.87	-2.25	--	--	AV	117.00	150	Horizontal	N/A
5	12058.875	49.28	-3.40	74.0	-24.72	Peak	340.00	150	Horizontal	Pass
5**	12058.875	41.26	-3.40	54.0	-12.74	AV	340.00	150	Horizontal	Pass
6	15924.150	51.68	-0.73	74.0	-22.32	Peak	227.00	150	Horizontal	Pass
6**	15924.150	42.79	-0.73	54.0	-11.21	AV	227.00	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	1197.900	42.94	-17.71	74.0	-31.06	Peak	357.00	150	Vertical	Pass
1**	1197.900	31.19	-17.71	54.0	-22.81	AV	357.00	150	Vertical	Pass
2	2812.400	43.04	-10.76	74.0	-30.96	Peak	8.00	150	Vertical	Pass
2**	2812.400	33.43	-10.76	54.0	-20.57	AV	8.00	150	Vertical	Pass
3	4257.500	48.77	-4.45	74.0	-25.23	Peak	171.00	150	Vertical	Pass
3**	4257.500	45.46	-4.45	54.0	-8.54	AV	171.00	150	Vertical	Pass
4	5827.500	98.08	-2.24	--	--	Peak	154.00	150	Vertical	N/A
4**	5827.500	91.09	-2.24	--	--	AV	154.00	150	Vertical	N/A
5	11752.263	49.25	-3.96	74.0	-24.75	Peak	38.00	150	Vertical	Pass
5**	11752.263	39.83	-3.96	54.0	-14.17	AV	38.00	150	Vertical	Pass
6	15976.125	52.13	-0.19	74.0	-21.87	Peak	19.00	150	Vertical	Pass
6**	15976.125	42.46	-0.19	54.0	-11.54	AV	19.00	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	1198.200	44.17	-17.68	74.0	-29.83	Peak	284.00	150	Horizontal	Pass
1**	1198.200	35.03	-17.68	54.0	-18.97	AV	284.00	150	Horizontal	Pass
2	2815.500	43.68	-10.94	74.0	-30.32	Peak	257.00	150	Horizontal	Pass
2**	2815.500	33.64	-10.94	54.0	-20.36	AV	257.00	150	Horizontal	Pass
3	4246.000	48.26	-4.23	74.0	-25.74	Peak	199.00	150	Horizontal	Pass
3**	4246.000	39.26	-4.23	54.0	-14.74	AV	199.00	150	Horizontal	Pass
4	5740.750	104.40	-2.67	--	--	Peak	125.00	150	Horizontal	N/A
4**	5740.750	97.06	-2.67	--	--	AV	125.00	150	Horizontal	N/A
5	11833.725	49.24	-3.31	74.0	-24.76	Peak	130.00	150	Horizontal	Pass
5**	11833.725	39.51	-3.31	54.0	-14.49	AV	130.00	150	Horizontal	Pass
6	15794.737	51.77	-0.74	74.0	-22.23	Peak	76.00	150	Horizontal	Pass
6**	15794.737	42.18	-0.74	54.0	-11.82	AV	76.00	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	1194.700	43.24	-17.76	74.0	-30.76	Peak	230.00	150	Vertical	Pass
1**	1194.700	33.79	-17.76	54.0	-20.21	AV	230.00	150	Vertical	Pass
2	2832.400	43.56	-10.69	74.0	-30.44	Peak	284.00	150	Vertical	Pass
2**	2832.400	33.89	-10.69	54.0	-20.11	AV	284.00	150	Vertical	Pass
3	4255.000	54.27	-4.46	74.0	-19.73	Peak	172.00	150	Vertical	Pass
3**	4255.000	49.08	-4.46	54.0	-4.92	AV	172.00	150	Vertical	Pass
4	5738.250	96.17	-2.64	--	--	Peak	157.00	150	Vertical	N/A
4**	5738.250	88.70	-2.64	--	--	AV	157.00	150	Vertical	N/A
5	11323.338	49.42	-4.23	74.0	-24.58	Peak	64.00	150	Vertical	Pass
5**	11323.338	40.80	-4.23	54.0	-13.20	AV	64.00	150	Vertical	Pass
6	16008.674	52.17	-0.14	74.0	-21.83	Peak	98.00	150	Vertical	Pass
6**	16008.674	43.06	-0.14	54.0	-10.94	AV	98.00	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	1200.300	42.49	-17.68	74.0	-31.51	Peak	266.00	150	Horizontal	Pass
1**	1200.300	28.90	-17.68	54.0	-25.10	AV	266.00	150	Horizontal	Pass
2	2770.900	43.73	-11.16	74.0	-30.27	Peak	44.00	150	Horizontal	Pass
2**	2770.900	33.15	-11.16	54.0	-20.85	AV	44.00	150	Horizontal	Pass
3	4258.250	48.80	-4.55	74.0	-25.20	Peak	217.00	150	Horizontal	Pass
3**	4258.250	40.23	-4.55	54.0	-13.77	AV	217.00	150	Horizontal	Pass
4	5786.250	103.63	-2.86	--	--	Peak	109.00	150	Horizontal	N/A
4**	5786.250	95.95	-2.86	--	--	AV	109.00	150	Horizontal	N/A
5	11894.287	49.44	-3.33	74.0	-24.56	Peak	151.00	150	Horizontal	Pass
5**	11894.287	39.55	-3.33	54.0	-14.45	AV	151.00	150	Horizontal	Pass
6	16121.550	52.11	-0.76	74.0	-21.89	Peak	96.00	150	Horizontal	Pass
6**	16121.550	42.82	-0.76	54.0	-11.18	AV	96.00	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	1198.000	42.32	-17.70	74.0	-31.68	Peak	183.00	150	Vertical	Pass
1**	1198.000	28.02	-17.70	54.0	-25.98	AV	183.00	150	Vertical	Pass
2	2738.700	43.49	-10.55	74.0	-30.51	Peak	27.00	150	Vertical	Pass
2**	2738.700	34.00	-10.55	54.0	-20.00	AV	27.00	150	Vertical	Pass
3	4258.000	50.85	-4.52	74.0	-23.15	Peak	212.00	150	Vertical	Pass
3**	4258.000	46.14	-4.52	54.0	-7.86	AV	212.00	150	Vertical	Pass
4	5783.000	95.06	-2.99	--	--	Peak	0.00	150	Vertical	N/A
4**	5783.000	87.74	-2.99	--	--	AV	0.00	150	Vertical	N/A
5	12193.063	49.55	-3.01	74.0	-24.45	Peak	344.00	150	Vertical	Pass
5**	12193.063	39.60	-3.01	54.0	-14.40	AV	344.00	150	Vertical	Pass
6	15853.275	52.51	-0.79	74.0	-21.49	Peak	66.00	150	Vertical	Pass
6**	15853.275	42.20	-0.79	54.0	-11.80	AV	66.00	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	1199.900	43.60	-17.67	74.0	-30.40	Peak	61.00	150	Horizontal	Pass
1**	1199.900	28.17	-17.67	54.0	-25.83	AV	61.00	150	Horizontal	Pass
2	2745.600	43.95	-10.55	74.0	-30.05	Peak	132.00	150	Horizontal	Pass
2**	2745.600	34.33	-10.55	54.0	-19.67	AV	132.00	150	Horizontal	Pass
3	4279.500	48.17	-5.04	74.0	-25.83	Peak	51.00	150	Horizontal	Pass
3**	4279.500	37.42	-5.04	54.0	-16.58	AV	51.00	150	Horizontal	Pass
4	5822.250	104.27	-2.44	--	--	Peak	123.00	150	Horizontal	N/A
4**	5822.250	96.86	-2.44	--	--	AV	123.00	150	Horizontal	N/A
5	12473.075	49.67	-2.30	74.0	-24.33	Peak	315.00	150	Horizontal	Pass
5**	12473.075	40.29	-2.30	54.0	-13.71	AV	315.00	150	Horizontal	Pass
6	15925.724	51.89	-0.70	74.0	-22.11	Peak	49.00	150	Horizontal	Pass
6**	15925.724	41.34	-0.70	54.0	-12.66	AV	49.00	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	1194.500	45.39	-17.75	74.0	-28.61	Peak	162.00	150	Vertical	Pass
1**	1194.500	28.41	-17.75	54.0	-25.59	AV	162.00	150	Vertical	Pass
2	2874.500	43.33	-10.13	74.0	-30.67	Peak	162.00	150	Vertical	Pass
2**	2874.500	33.64	-10.13	54.0	-20.36	AV	162.00	150	Vertical	Pass
3	4268.000	49.00	-5.09	74.0	-25.00	Peak	170.00	150	Vertical	Pass
3**	4268.000	47.90	-5.09	54.0	-6.10	AV	170.00	150	Vertical	Pass
4	5827.500	97.26	-2.24	--	--	Peak	146.00	150	Vertical	N/A
4**	5827.500	88.96	-2.24	--	--	AV	146.00	150	Vertical	N/A
5	12151.975	49.65	-3.14	74.0	-24.35	Peak	190.00	150	Vertical	Pass
5**	12151.975	39.59	-3.14	54.0	-14.41	AV	190.00	150	Vertical	Pass
6	16005.526	51.97	-0.15	74.0	-22.03	Peak	91.00	150	Vertical	Pass
6**	16005.526	42.09	-0.15	54.0	-11.91	AV	91.00	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	1199.000	45.17	-17.65	74.0	-28.83	Peak	230.00	150	Horizontal	Pass
1**	1199.000	28.34	-17.65	54.0	-25.66	AV	230.00	150	Horizontal	Pass
2	2856.200	42.98	-10.08	74.0	-31.02	Peak	115.00	150	Horizontal	Pass
2**	2856.200	34.42	-10.08	54.0	-19.58	AV	115.00	150	Horizontal	Pass
3	4272.750	48.29	-5.26	74.0	-25.71	Peak	262.00	150	Horizontal	Pass
3**	4272.750	39.49	-5.26	54.0	-14.51	AV	262.00	150	Horizontal	Pass
4	5747.750	101.71	-2.94	--	--	Peak	123.00	150	Horizontal	N/A
4**	5747.750	93.48	-2.94	--	--	AV	123.00	150	Horizontal	N/A
5	12051.987	49.83	-3.34	74.0	-24.17	Peak	294.00	150	Horizontal	Pass
5**	12051.987	40.11	-3.34	54.0	-13.89	AV	294.00	150	Horizontal	Pass
6	15858.263	51.85	-0.83	74.0	-22.15	Peak	0.00	150	Horizontal	Pass
6**	15858.263	42.22	-0.83	54.0	-11.78	AV	0.00	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	1198.700	41.69	-17.64	74.0	-32.31	Peak	1.00	150	Vertical	Pass
1**	1198.700	29.04	-17.64	54.0	-24.96	AV	1.00	150	Vertical	Pass
2	2809.600	43.78	-10.82	74.0	-30.22	Peak	198.00	150	Vertical	Pass
2**	2809.600	34.02	-10.82	54.0	-19.98	AV	198.00	150	Vertical	Pass
3	4261.750	49.53	-4.82	74.0	-24.47	Peak	180.00	150	Vertical	Pass
3**	4261.750	46.15	-4.82	54.0	-7.85	AV	180.00	150	Vertical	Pass
4	5759.750	93.24	-2.75	--	--	Peak	148.00	150	Vertical	N/A
4**	5759.750	85.40	-2.75	--	--	AV	148.00	150	Vertical	N/A
5	12051.987	50.29	-3.34	74.0	-23.71	Peak	283.00	150	Vertical	Pass
5**	12051.987	39.98	-3.34	54.0	-14.02	AV	283.00	150	Vertical	Pass
6	15844.875	51.53	-0.76	74.0	-22.47	Peak	192.00	150	Vertical	Pass
6**	15844.875	43.32	-0.76	54.0	-10.68	AV	192.00	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	1196.700	40.72	-17.83	74.0	-33.28	Peak	346.00	150	Horizontal	Pass
1**	1196.700	28.18	-17.83	54.0	-25.82	AV	346.00	150	Horizontal	Pass
2	2806.700	43.21	-10.33	74.0	-30.79	Peak	227.00	150	Horizontal	Pass
2**	2806.700	33.99	-10.33	54.0	-20.01	AV	227.00	150	Horizontal	Pass
3	4003.500	47.40	-6.18	74.0	-26.60	Peak	230.00	150	Horizontal	Pass
3**	4003.500	37.53	-6.18	54.0	-16.47	AV	230.00	150	Horizontal	Pass
4	5800.250	101.08	-2.87	--	--	Peak	109.00	150	Horizontal	N/A
4**	5800.250	94.10	-2.87	--	--	AV	109.00	150	Horizontal	N/A
5	11689.800	49.57	-4.25	74.0	-24.43	Peak	194.00	150	Horizontal	Pass
5**	11689.800	39.98	-4.25	54.0	-14.02	AV	194.00	150	Horizontal	Pass
6	15810.750	51.76	-0.73	74.0	-22.24	Peak	9.00	150	Horizontal	Pass
6**	15810.750	40.69	-0.73	54.0	-13.31	AV	9.00	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	1197.300	41.74	-17.77	74.0	-32.26	Peak	184.00	150	Vertical	Pass
1**	1197.300	28.88	-17.77	54.0	-25.12	AV	184.00	150	Vertical	Pass
2	2820.500	43.41	-10.88	74.0	-30.59	Peak	33.00	150	Vertical	Pass
2**	2820.500	35.16	-10.88	54.0	-18.84	AV	33.00	150	Vertical	Pass
3	4267.500	48.72	-5.02	74.0	-25.28	Peak	203.00	150	Vertical	Pass
3**	4267.500	44.46	-5.02	54.0	-9.54	AV	203.00	150	Vertical	Pass
4	5790.750	93.45	-2.90	--	--	Peak	146.00	150	Vertical	N/A
4**	5790.750	85.74	-2.90	--	--	AV	146.00	150	Vertical	N/A
5	12303.974	50.05	-2.47	74.0	-23.95	Peak	289.00	150	Vertical	Pass
5**	12303.974	40.56	-2.47	54.0	-13.44	AV	289.00	150	Vertical	Pass
6	15702.862	51.62	0.04	74.0	-22.38	Peak	175.00	150	Vertical	Pass
6**	15702.862	42.30	0.04	54.0	-11.70	AV	175.00	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	1198.100	43.91	-17.69	74.0	-30.09	Peak	60.00	150	Horizontal	Pass
1**	1198.100	29.44	-17.69	54.0	-24.56	AV	60.00	150	Horizontal	Pass
2	2747.300	42.83	-10.69	74.0	-31.17	Peak	275.00	150	Horizontal	Pass
2**	2747.300	34.12	-10.69	54.0	-19.88	AV	275.00	150	Horizontal	Pass
3	4254.750	48.12	-4.48	74.0	-25.88	Peak	243.00	150	Horizontal	Pass
3**	4254.750	39.64	-4.48	54.0	-14.36	AV	243.00	150	Horizontal	Pass
4	5746.750	104.42	-2.77	--	--	Peak	122.00	150	Horizontal	N/A
4**	5746.750	98.07	-2.77	--	--	AV	122.00	150	Horizontal	N/A
5	11492.912	49.94	-4.24	74.0	-24.06	Peak	344.00	150	Horizontal	Pass
5**	11492.912	40.94	-4.24	54.0	-13.06	AV	344.00	150	Horizontal	Pass
6	16095.563	52.32	-0.90	74.0	-21.68	Peak	105.00	150	Horizontal	Pass
6**	16095.563	42.92	-0.90	54.0	-11.08	AV	105.00	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	1195.500	42.08	-17.80	74.0	-31.92	Peak	25.00	150	Vertical	Pass
1**	1195.500	28.29	-17.80	54.0	-25.71	AV	25.00	150	Vertical	Pass
2	2794.400	43.58	-10.46	74.0	-30.42	Peak	221.00	150	Vertical	Pass
2**	2794.400	34.18	-10.46	54.0	-19.82	AV	221.00	150	Vertical	Pass
3	4266.000	55.18	-5.04	74.0	-18.82	Peak	172.00	150	Vertical	Pass
3**	4266.000	47.74	-5.04	54.0	-6.26	AV	172.00	150	Vertical	Pass
4	5742.500	96.42	-2.77	--	--	Peak	148.00	150	Vertical	N/A
4**	5742.500	89.99	-2.77	--	--	AV	148.00	150	Vertical	N/A
5	11885.500	49.67	-3.30	74.0	-24.33	Peak	338.00	150	Vertical	Pass
5**	11885.500	40.35	-3.30	54.0	-13.65	AV	338.00	150	Vertical	Pass
6	15700.237	51.45	0.10	74.0	-22.55	Peak	32.00	150	Vertical	Pass
6**	15700.237	41.67	0.10	54.0	-12.33	AV	32.00	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	1199.200	42.17	-17.65	74.0	-31.83	Peak	161.00	150	Horizontal	Pass
1**	1199.200	33.45	-17.65	54.0	-20.55	AV	161.00	150	Horizontal	Pass
2	2841.400	43.13	-10.71	74.0	-30.87	Peak	193.00	150	Horizontal	Pass
2**	2841.400	34.43	-10.71	54.0	-19.57	AV	193.00	150	Horizontal	Pass
3	4205.250	48.04	-5.99	74.0	-25.96	Peak	4.00	150	Horizontal	Pass
3**	4205.250	37.81	-5.99	54.0	-16.19	AV	4.00	150	Horizontal	Pass
4	5783.000	104.04	-2.99	--	--	Peak	108.00	150	Horizontal	N/A
4**	5783.000	96.31	-2.99	--	--	AV	108.00	150	Horizontal	N/A
5	11296.975	49.23	-4.02	74.0	-24.77	Peak	157.00	150	Horizontal	Pass
5**	11296.975	39.88	-4.02	54.0	-14.12	AV	157.00	150	Horizontal	Pass
6	15945.413	51.40	-0.32	74.0	-22.60	Peak	9.00	150	Horizontal	Pass
6**	15945.413	42.59	-0.32	54.0	-11.41	AV	9.00	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	1197.200	44.41	-17.78	74.0	-29.59	Peak	150.00	150	Vertical	Pass
1**	1197.200	27.86	-17.78	54.0	-26.14	AV	150.00	150	Vertical	Pass
2	2735.300	43.21	-10.77	74.0	-30.79	Peak	0.00	150	Vertical	Pass
2**	2735.300	33.20	-10.77	54.0	-20.80	AV	0.00	150	Vertical	Pass
3	4259.500	50.22	-4.65	74.0	-23.78	Peak	173.00	150	Vertical	Pass
3**	4259.500	47.42	-4.65	54.0	-6.58	AV	173.00	150	Vertical	Pass
4	5782.750	96.02	-3.01	--	-53.98	Peak	150.00	150	Vertical	N/A
4**	5782.750	88.17	-3.01	--	88.17	AV	150.00	150	Vertical	N/A
5	12480.201	49.76	-2.34	74.0	-24.24	Peak	331.00	150	Vertical	Pass
5**	12480.201	40.41	-2.34	54.0	-13.59	AV	331.00	150	Vertical	Pass
6	16072.463	51.84	-0.49	74.0	-22.16	Peak	31.00	150	Vertical	Pass
6**	16072.463	42.18	-0.49	54.0	-11.82	AV	31.00	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	1197.600	46.15	-17.74	74.0	-27.85	Peak	198.00	150	Horizontal	Pass
1**	1197.600	28.35	-17.74	54.0	-25.65	AV	198.00	150	Horizontal	Pass
2	2808.400	42.94	-10.61	74.0	-31.06	Peak	329.00	150	Horizontal	Pass
2**	2808.400	34.07	-10.61	54.0	-19.93	AV	329.00	150	Horizontal	Pass
3	4221.000	47.92	-5.20	74.0	-26.08	Peak	75.00	150	Horizontal	Pass
3**	4221.000	37.75	-5.20	54.0	-16.25	AV	75.00	150	Horizontal	Pass
4	5827.250	104.70	-2.24	--	--	Peak	124.00	150	Horizontal	N/A
4**	5827.250	97.78	-2.24	--	--	AV	124.00	150	Horizontal	N/A
5	12436.263	49.98	-2.36	74.0	-24.02	Peak	75.00	150	Horizontal	Pass
5**	12436.263	40.32	-2.36	54.0	-13.68	AV	75.00	150	Horizontal	Pass
6	15649.575	50.94	-1.33	74.0	-23.06	Peak	16.00	150	Horizontal	Pass
6**	15649.575	41.39	-1.33	54.0	-12.61	AV	16.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.500	43.05	-17.66	74.0	-30.95	Peak	46.00	150	Vertical	Pass
1**	1199.500	27.91	-17.66	54.0	-26.09	AV	46.00	150	Vertical	Pass
2	2790.900	43.54	-10.82	74.0	-30.46	Peak	113.00	150	Vertical	Pass
2**	2790.900	34.29	-10.82	54.0	-19.71	AV	113.00	150	Vertical	Pass
3	4267.000	51.43	-4.97	74.0	-22.57	Peak	214.00	150	Vertical	Pass
3**	4267.000	47.20	-4.97	54.0	-6.80	AV	214.00	150	Vertical	Pass
4	5828.750	96.14	-2.27	--	--	Peak	140.00	150	Vertical	N/A
4**	5828.750	88.36	-2.27	--	--	AV	140.00	150	Vertical	N/A
5	11825.175	49.61	-3.37	74.0	-24.39	Peak	227.00	150	Vertical	Pass
5**	11825.175	40.67	-3.37	54.0	-13.33	AV	227.00	150	Vertical	Pass
6	16051.463	52.14	-0.13	74.0	-21.86	Peak	81.00	150	Vertical	Pass
6**	16051.463	42.51	-0.13	54.0	-11.49	AV	81.00	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	1197.100	42.41	-17.79	74.0	-31.59	Peak	298.00	150	Horizontal	Pass
1**	1197.100	30.89	-17.79	54.0	-23.11	AV	298.00	150	Horizontal	Pass
2	2846.900	42.95	-10.40	74.0	-31.05	Peak	347.00	150	Horizontal	Pass
2**	2846.900	33.43	-10.40	54.0	-20.57	AV	347.00	150	Horizontal	Pass
3	4262.750	48.13	-4.92	74.0	-25.87	Peak	234.00	150	Horizontal	Pass
3**	4262.750	38.50	-4.92	54.0	-15.50	AV	234.00	150	Horizontal	Pass
4	5749.000	101.57	-2.97	--	--	Peak	121.00	150	Horizontal	N/A
4**	5749.000	94.52	-2.97	--	--	AV	121.00	150	Horizontal	N/A
5	12465.713	50.40	-2.25	74.0	-23.60	Peak	79.00	150	Horizontal	Pass
5**	12465.713	41.36	-2.25	54.0	-12.64	AV	79.00	150	Horizontal	Pass
6	15966.675	51.42	-0.20	74.0	-22.58	Peak	350.00	150	Horizontal	Pass
6**	15966.675	41.82	-0.20	54.0	-12.18	AV	350.00	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	1196.000	45.69	-17.83	74.0	-28.31	Peak	173.00	150	Vertical	Pass
1**	1196.000	28.41	-17.83	54.0	-25.59	AV	173.00	150	Vertical	Pass
2	2827.200	43.40	-10.88	74.0	-30.60	Peak	250.00	150	Vertical	Pass
2**	2827.200	33.70	-10.88	54.0	-20.30	AV	250.00	150	Vertical	Pass
3	4250.000	50.10	-4.24	74.0	-23.90	Peak	167.00	150	Vertical	Pass
3**	4250.000	45.99	-4.24	54.0	-8.01	AV	167.00	150	Vertical	Pass
4	5769.500	93.38	-2.59	--	--	Peak	150.00	150	Vertical	N/A
4**	5769.500	85.61	-2.59	--	--	AV	150.00	150	Vertical	N/A
5	11889.299	49.29	-3.31	74.0	-24.71	Peak	340.00	150	Vertical	Pass
5**	11889.299	39.74	-3.31	54.0	-14.26	AV	340.00	150	Vertical	Pass
6	15694.463	51.48	-0.06	74.0	-22.52	Peak	351.00	150	Vertical	Pass
6**	15694.463	41.00	-0.06	54.0	-13.00	AV	351.00	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	1196.900	39.27	-17.81	74.0	-34.73	Peak	304.00	150	Horizontal	Pass
1**	1196.900	28.58	-17.81	54.0	-25.42	AV	304.00	150	Horizontal	Pass
2	2747.800	43.33	-10.73	74.0	-30.67	Peak	264.00	150	Horizontal	Pass
2**	2747.800	34.17	-10.73	54.0	-19.83	AV	264.00	150	Horizontal	Pass
3	4222.750	47.39	-5.19	74.0	-26.61	Peak	4.00	150	Horizontal	Pass
3**	4222.750	37.81	-5.19	54.0	-16.19	AV	4.00	150	Horizontal	Pass
4	5797.000	101.41	-2.97	--	--	Peak	108.00	150	Horizontal	N/A
4**	5797.000	93.23	-2.97	--	--	AV	108.00	150	Horizontal	N/A
5	11976.463	49.31	-3.63	74.0	-24.69	Peak	360.00	150	Horizontal	Pass
5**	11976.463	38.75	-3.63	54.0	-15.25	AV	360.00	150	Horizontal	Pass
6	15991.612	52.03	-0.16	74.0	-21.97	Peak	49.00	150	Horizontal	Pass
6**	15991.612	41.74	-0.16	54.0	-12.26	AV	49.00	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	1195.400	41.95	-17.80	74.0	-32.05	Peak	35.00	150	Vertical	Pass
1**	1195.400	28.57	-17.80	54.0	-25.43	AV	35.00	150	Vertical	Pass
2	2853.900	44.38	-10.35	74.0	-29.62	Peak	297.00	150	Vertical	Pass
2**	2853.900	34.38	-10.35	54.0	-19.62	AV	297.00	150	Vertical	Pass
3	4259.000	49.25	-4.62	74.0	-24.75	Peak	171.00	150	Vertical	Pass
3**	4259.000	46.62	-4.62	54.0	-7.38	AV	171.00	150	Vertical	Pass
4	5802.500	93.29	-2.68	--	--	Peak	139.00	150	Vertical	N/A
4**	5802.500	85.61	-2.68	--	--	AV	139.00	150	Vertical	N/A
5	11933.000	49.40	-3.54	74.0	-24.60	Peak	155.00	150	Vertical	Pass
5**	11933.000	40.21	-3.54	54.0	-13.79	AV	155.00	150	Vertical	Pass
6	16007.888	52.64	-0.14	74.0	-21.36	Peak	330.00	150	Vertical	Pass
6**	16007.888	41.97	-0.14	54.0	-12.03	AV	330.00	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	1200.600	38.92	-17.68	74.0	-35.08	Peak	163.00	150	Horizontal	Pass
1**	1200.600	28.25	-17.68	54.0	-25.75	AV	163.00	150	Horizontal	Pass
2	2796.800	43.44	-10.55	74.0	-30.56	Peak	96.00	150	Horizontal	Pass
2**	2796.800	34.12	-10.55	54.0	-19.88	AV	96.00	150	Horizontal	Pass
3	4245.750	48.82	-4.21	74.0	-25.18	Peak	288.00	150	Horizontal	Pass
3**	4245.750	39.42	-4.21	54.0	-14.58	AV	288.00	150	Horizontal	Pass
4	5768.500	96.43	-2.56	--	--	Peak	127.00	150	Horizontal	N/A
4**	5768.500	88.78	-2.56	--	--	AV	127.00	150	Horizontal	N/A
5	11227.862	49.32	-4.15	74.0	-24.68	Peak	199.00	150	Horizontal	Pass
5**	11227.862	39.72	-4.15	54.0	-14.28	AV	199.00	150	Horizontal	Pass
6	15768.487	52.21	-0.86	74.0	-21.79	Peak	116.00	150	Horizontal	Pass
6**	15768.487	41.39	-0.86	54.0	-12.61	AV	116.00	150	Horizontal	Pass

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

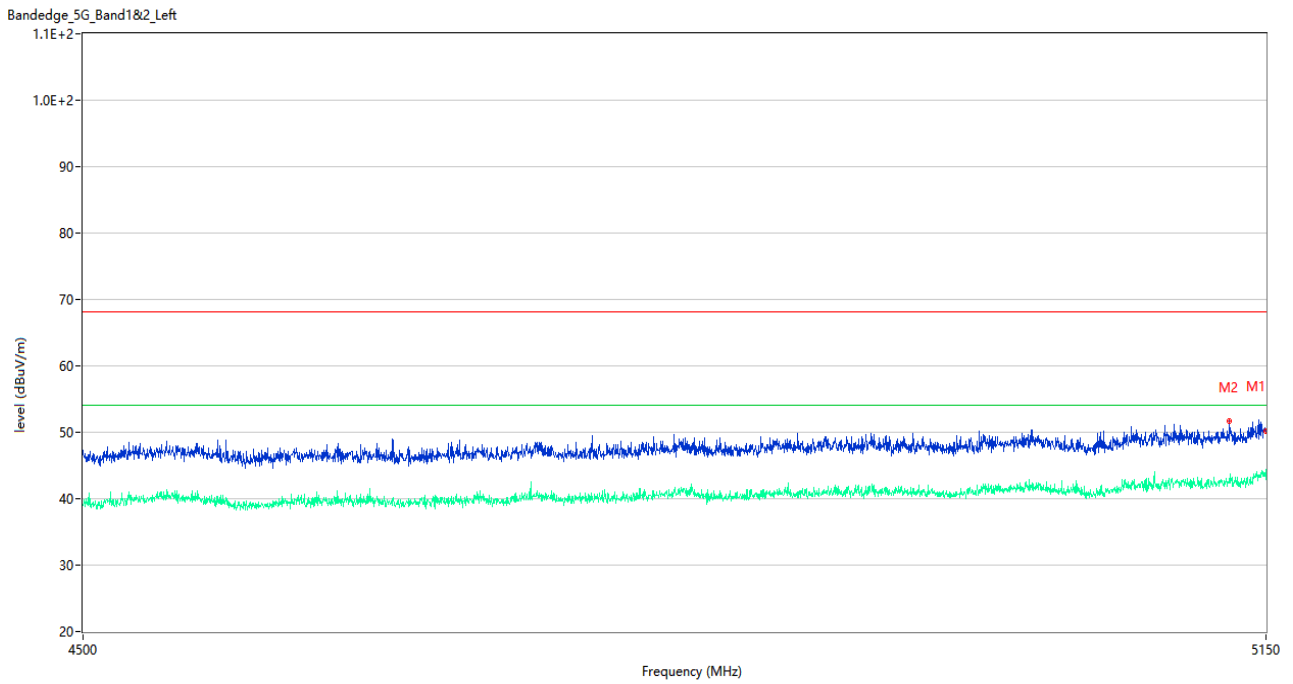
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.800	44.99	-17.82	74.0	-29.01	Peak	170.00	150	Vertical	Pass
1**	1195.800	28.45	-17.82	54.0	-25.55	AV	170.00	150	Vertical	Pass
2	2742.600	43.22	-10.49	74.0	-30.78	Peak	358.00	150	Vertical	Pass
2**	2742.600	34.27	-10.49	54.0	-19.73	AV	358.00	150	Vertical	Pass
3	4263.500	52.43	-4.99	74.0	-21.57	Peak	173.00	150	Vertical	Pass
3**	4263.500	47.76	-4.99	54.0	-6.24	AV	173.00	150	Vertical	Pass
4	5808.250	89.17	-2.75	--	--	Peak	140.00	150	Vertical	N/A
4**	5808.250	82.05	-2.75	--	--	AV	140.00	150	Vertical	N/A
5	12316.325	49.83	-2.56	74.0	-24.17	Peak	68.00	150	Vertical	Pass
5**	12316.325	40.14	-2.56	54.0	-13.86	AV	68.00	150	Vertical	Pass
6	15953.025	52.16	-0.23	74.0	-21.84	Peak	36.00	150	Vertical	Pass
6**	15953.025	43.06	-0.23	54.0	-10.94	AV	36.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

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

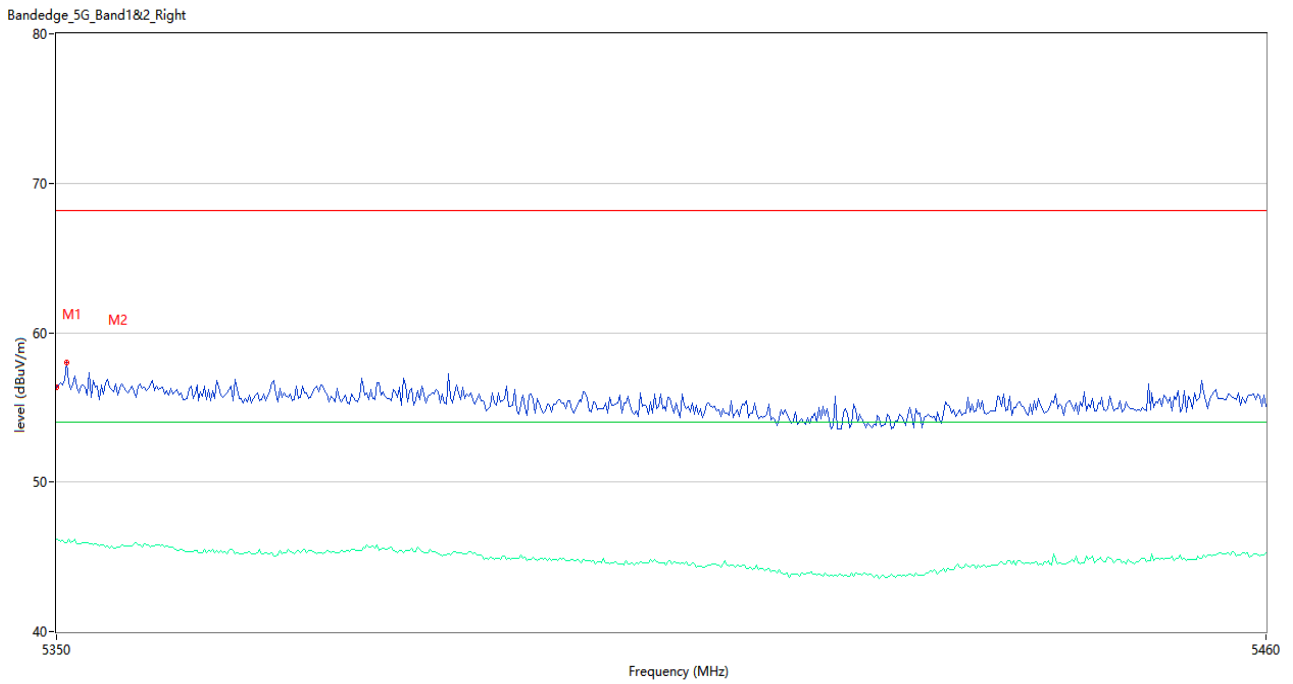
Test Data and Plots

U-NII-1 11a CH36



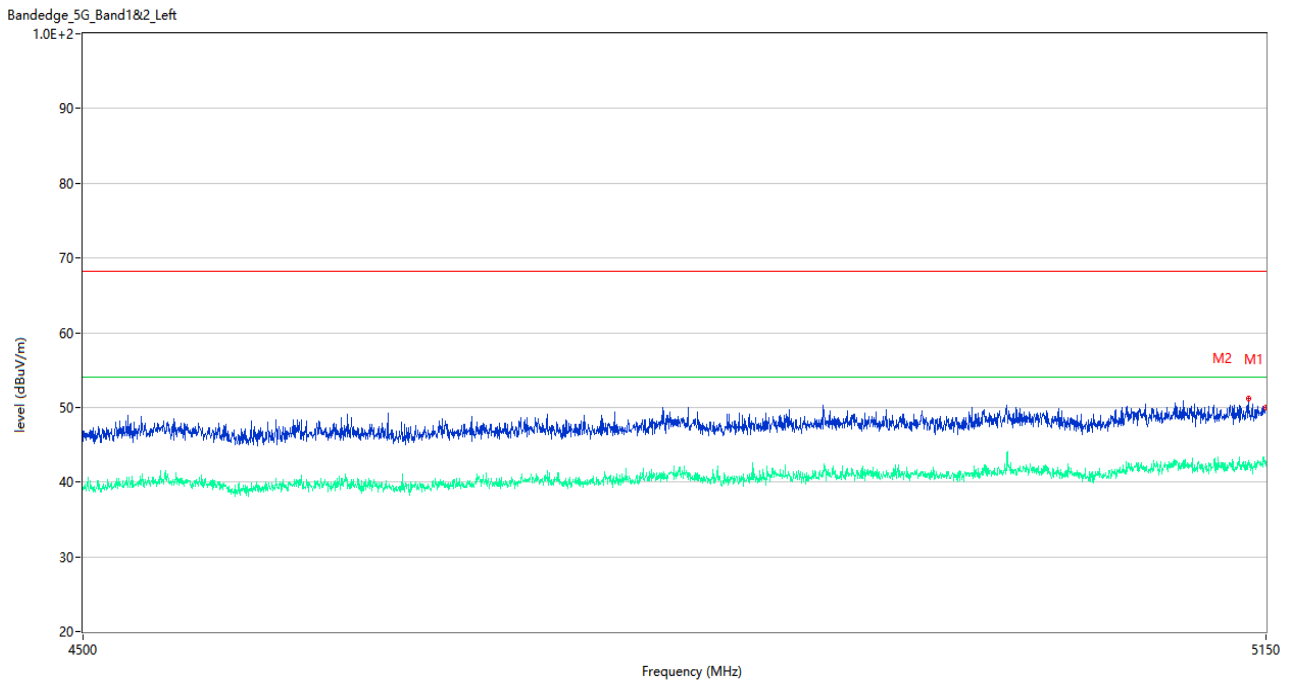
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	50.10	-2.71	68.2	-18.10	Peak	93.00	150	Horizontal	Pass
1**	5150.000	42.91	-2.71	54.0	-11.09	AV	93.00	150	Horizontal	Pass
2	5128.750	51.74	-2.75	68.2	-16.46	Peak	134.00	150	Horizontal	Pass
2**	5128.750	42.39	-2.75	54.0	-11.61	AV	134.00	150	Horizontal	Pass

U-NII-1 11a CH48



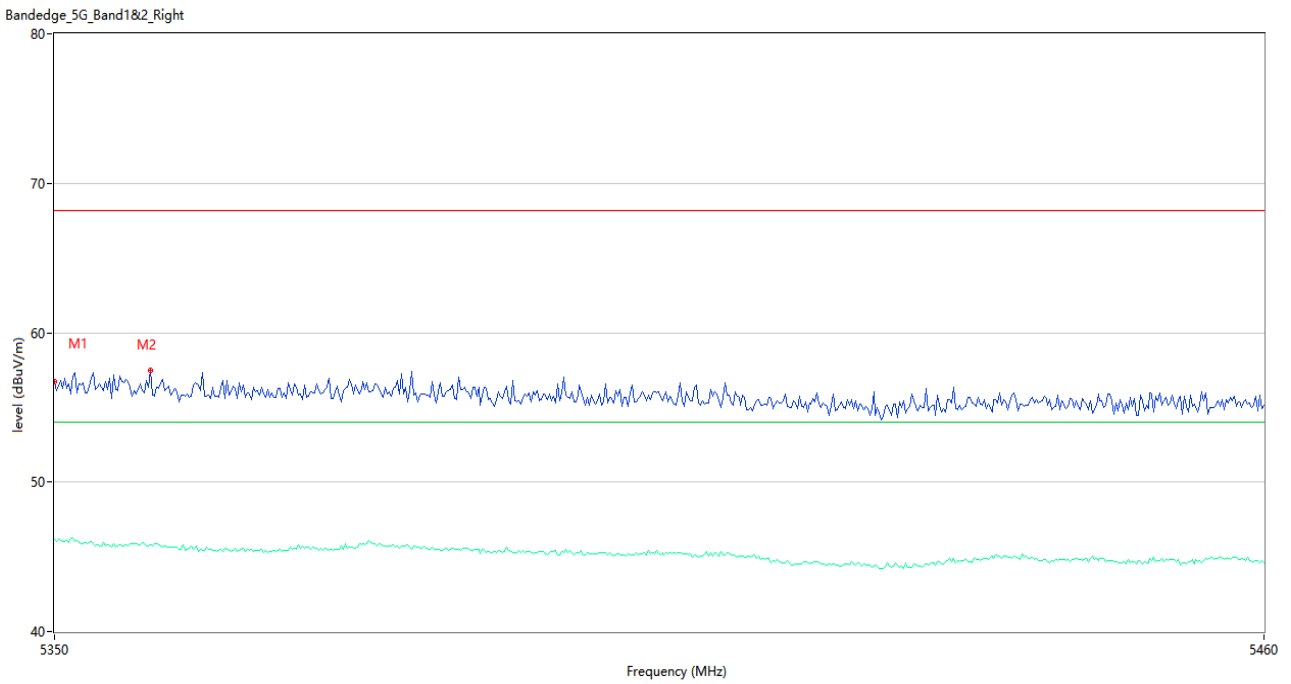
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.11	2.55	68.2	-12.09	Peak	316.00	150	Horizontal	Pass
1**	5350.000	46.12	2.55	54.0	-7.88	AV	316.00	150	Horizontal	Pass
2	5350.917	57.98	2.51	68.2	-10.22	Peak	316.00	150	Horizontal	Pass
2**	5350.917	45.99	2.51	54.0	-8.01	AV	316.00	150	Horizontal	Pass

U-NII-1 11n20 CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	50.00	-2.71	68.2	-18.20	Peak	181.00	150	Horizontal	Pass
1**	5150.000	42.15	-2.71	54.0	-11.85	AV	181.00	150	Horizontal	Pass
2	5139.750	51.13	-2.91	68.2	-17.07	Peak	205.00	150	Horizontal	Pass
2**	5139.750	42.32	-2.91	54.0	-11.68	AV	205.00	150	Horizontal	Pass

U-NII-1 11n20 CH48



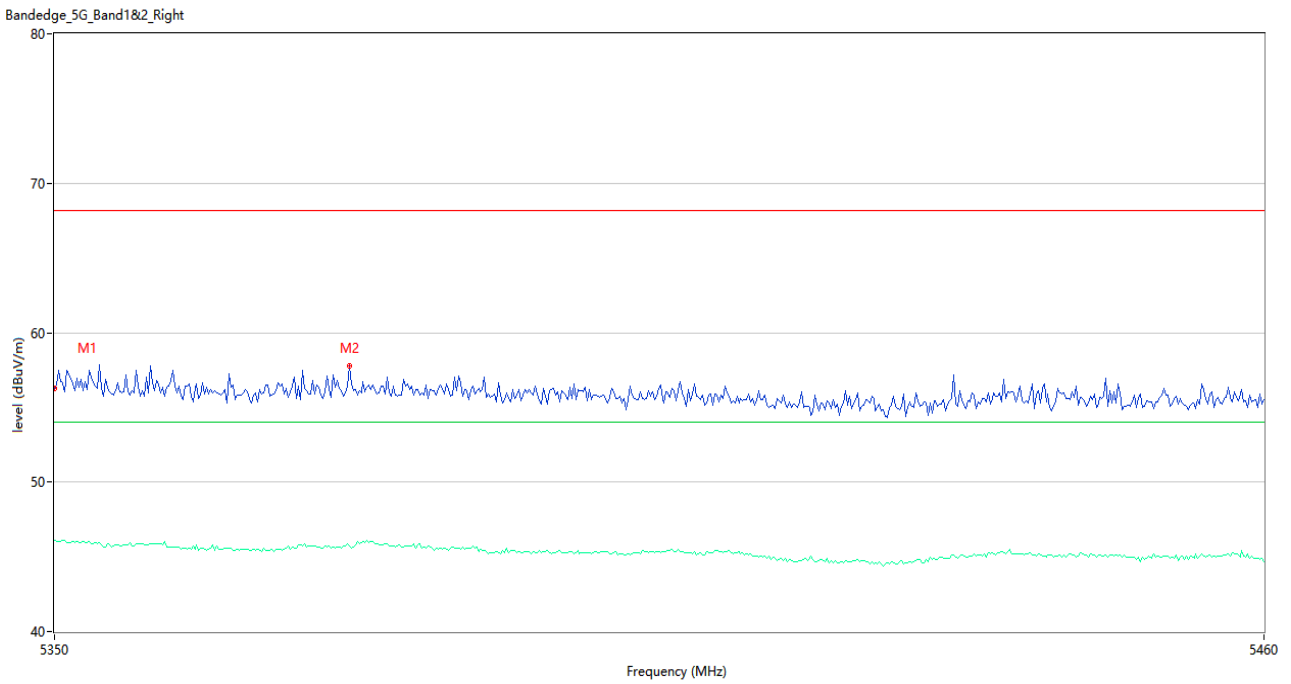
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.71	2.55	68.2	-11.49	Peak	0.00	150	Horizontal	Pass
1**	5350.000	46.20	2.55	54.0	-7.80	AV	0.00	150	Horizontal	Pass
2	5358.617	57.45	2.44	68.2	-10.75	Peak	103.00	150	Horizontal	Pass
2**	5358.617	45.83	2.44	54.0	-8.17	AV	103.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



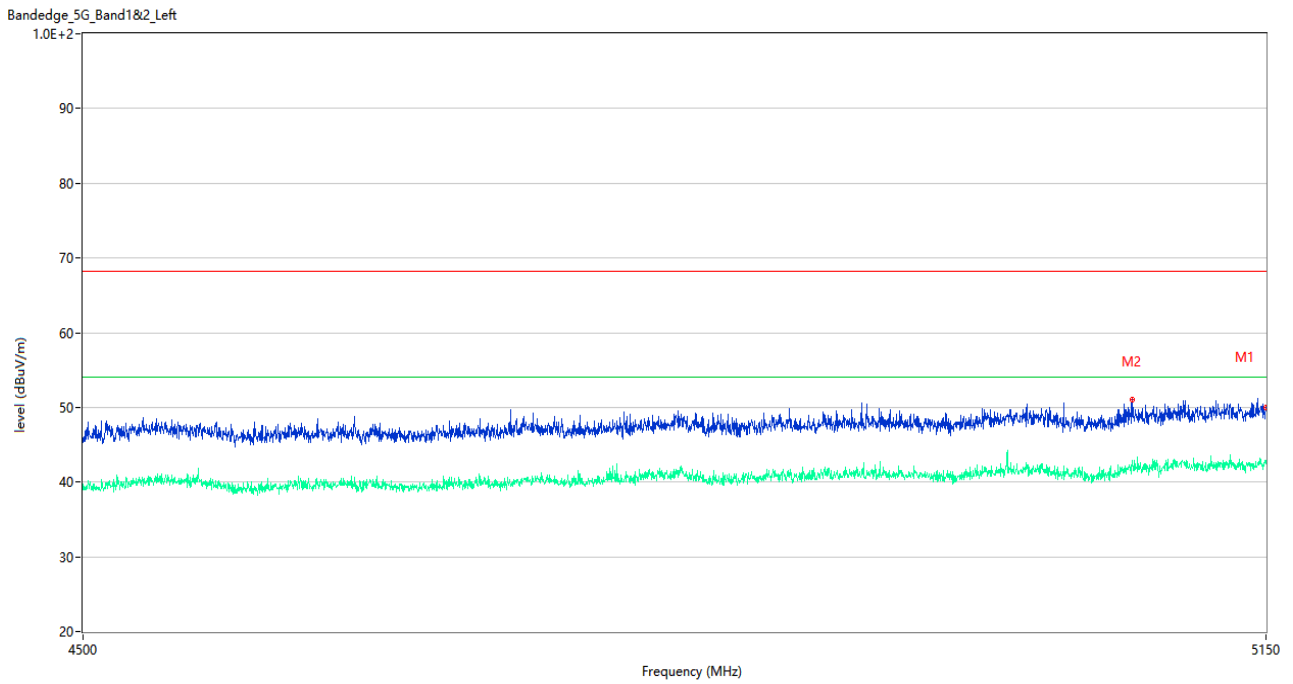
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	49.02	-2.71	68.2	-19.18	Peak	200.00	150	Horizontal	Pass
1**	5150.000	42.65	-2.71	54.0	-11.35	AV	200.00	150	Horizontal	Pass
2	5133.750	51.12	-3.01	68.2	-17.08	Peak	331.00	150	Horizontal	Pass
2**	5133.750	42.29	-3.01	54.0	-11.71	AV	331.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



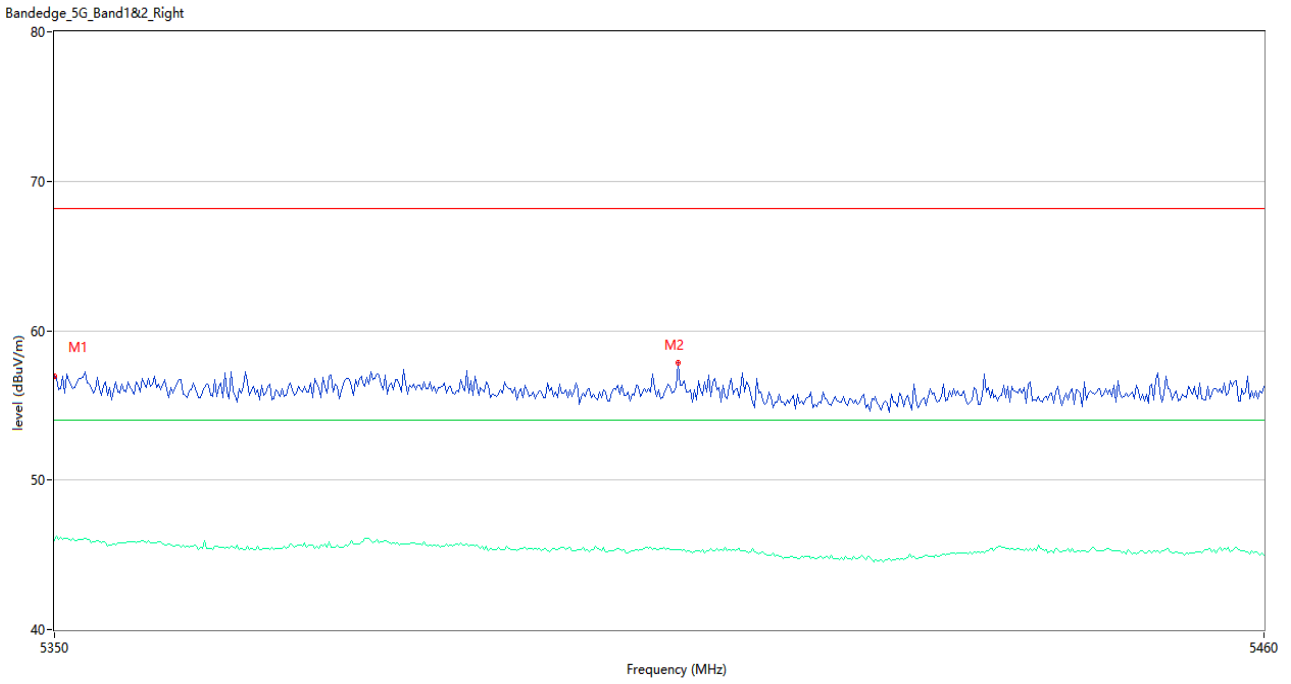
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.26	2.55	68.2	-11.94	Peak	73.00	150	Horizontal	Pass
1**	5350.000	46.07	2.55	54.0	-7.93	AV	73.00	150	Horizontal	Pass
2	5376.584	57.74	2.45	68.2	-10.46	Peak	219.00	150	Horizontal	Pass
2**	5376.584	45.69	2.45	54.0	-8.31	AV	219.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



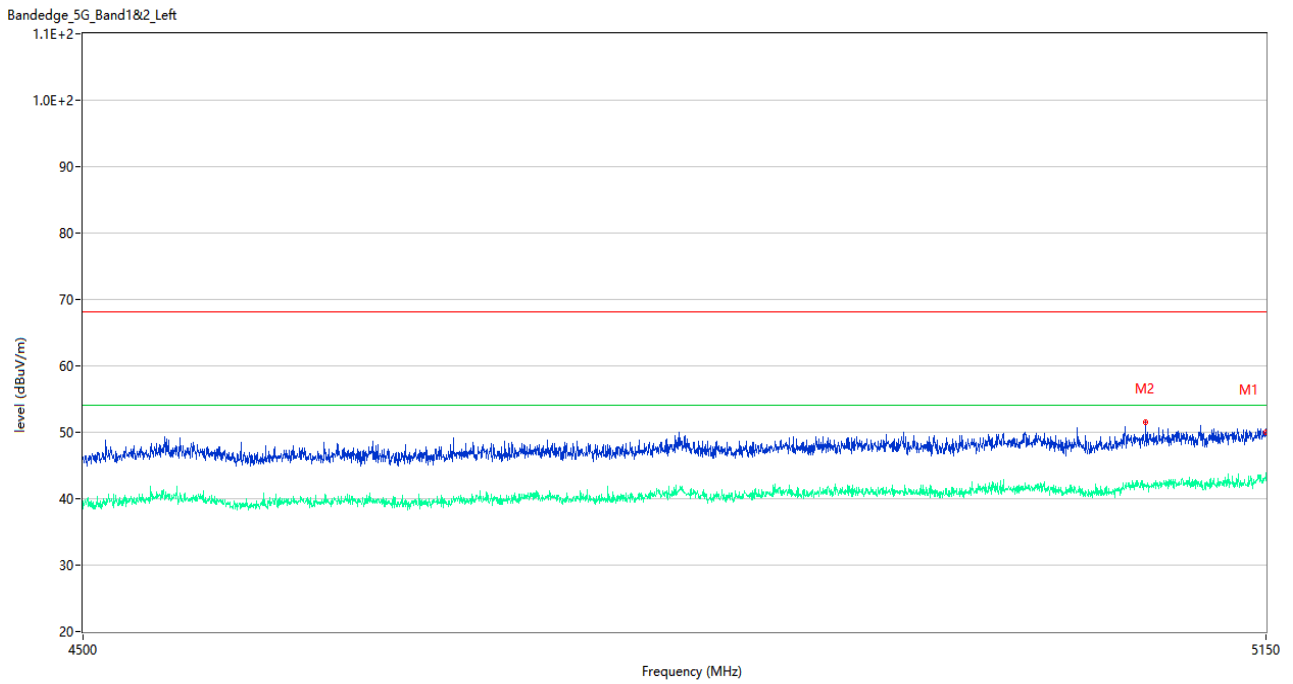
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	49.97	-2.71	68.2	-18.23	Peak	213.00	150	Horizontal	Pass
1**	5150.000	42.97	-2.71	54.0	-11.03	AV	213.00	150	Horizontal	Pass
2	5072.250	50.96	-2.87	68.2	-17.24	Peak	19.00	150	Horizontal	Pass
2**	5072.250	42.80	-2.87	54.0	-11.20	AV	19.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



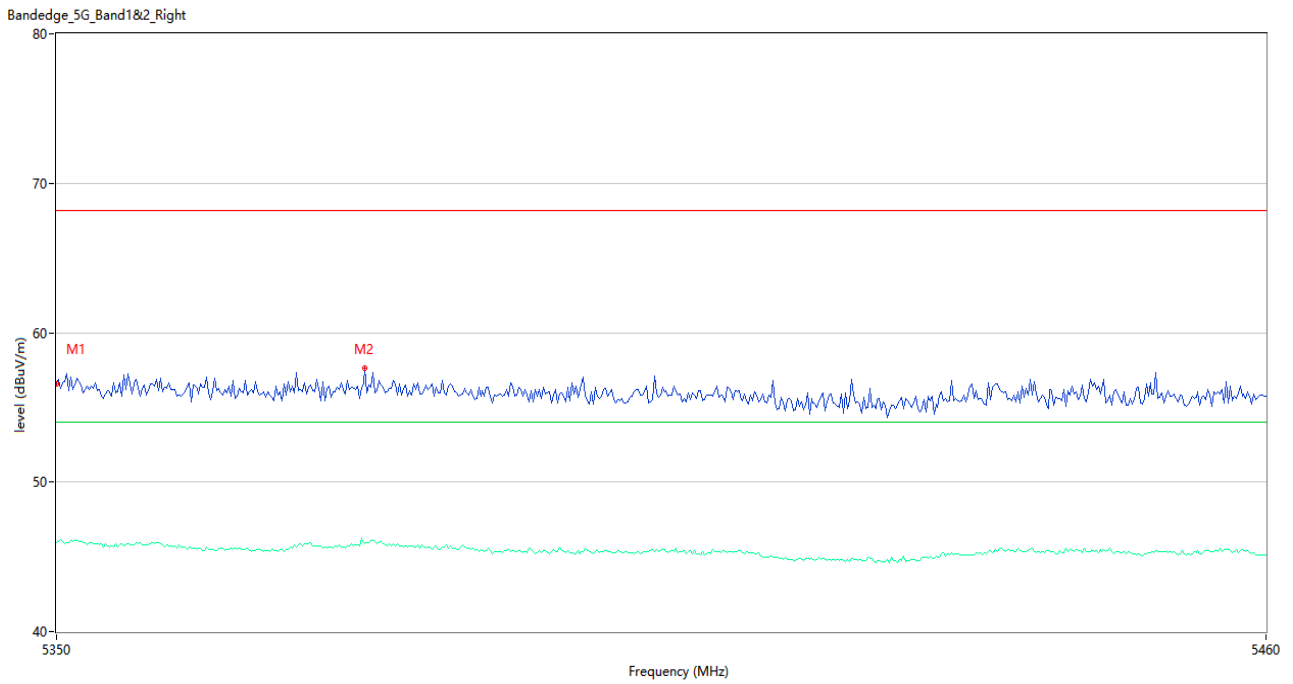
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.95	2.55	68.2	-11.25	Peak	102.00	150	Horizontal	Pass
1**	5350.000	45.98	2.55	54.0	-8.02	AV	102.00	150	Horizontal	Pass
2	5406.467	57.84	2.45	68.2	-10.36	Peak	156.00	150	Horizontal	Pass
2**	5406.467	45.35	2.45	54.0	-8.65	AV	156.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



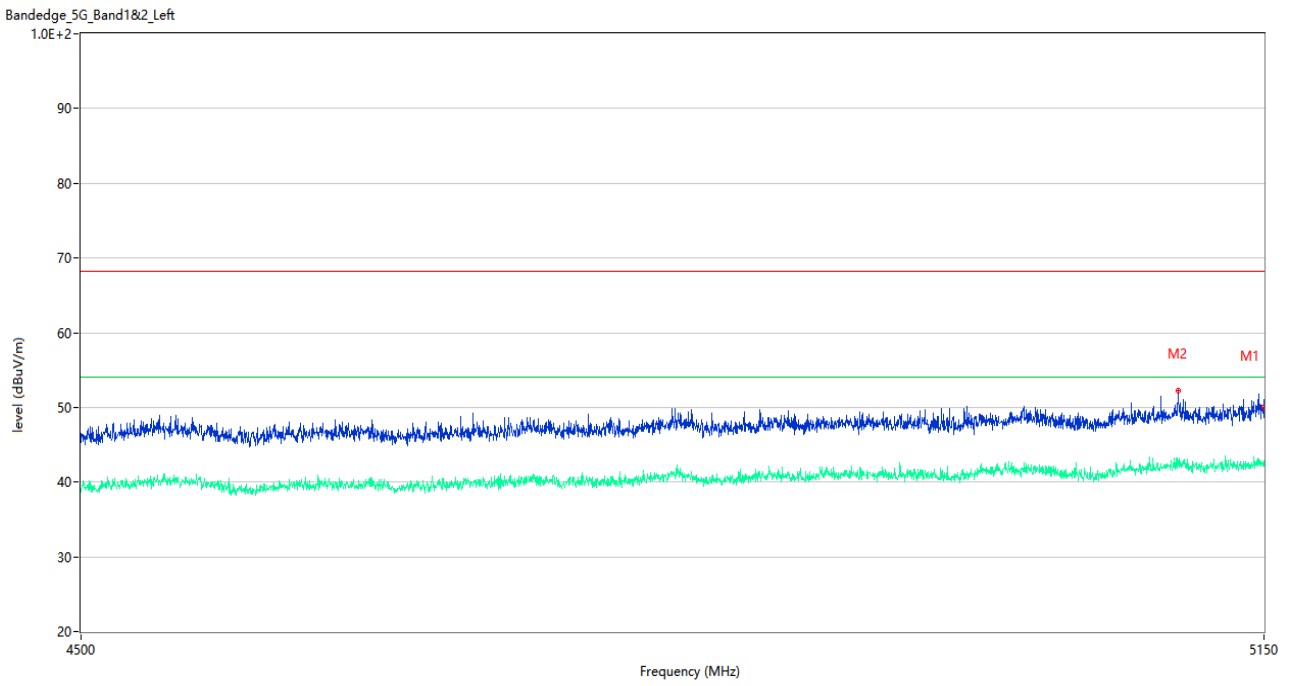
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	49.94	-2.71	68.2	-18.26	Peak	247.00	150	Horizontal	Pass
1**	5150.000	42.75	-2.71	54.0	-11.25	AV	247.00	150	Horizontal	Pass
2	5080.000	51.59	-3.01	68.2	-16.61	Peak	117.00	150	Horizontal	Pass
2**	5080.000	41.88	-3.01	54.0	-12.12	AV	117.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



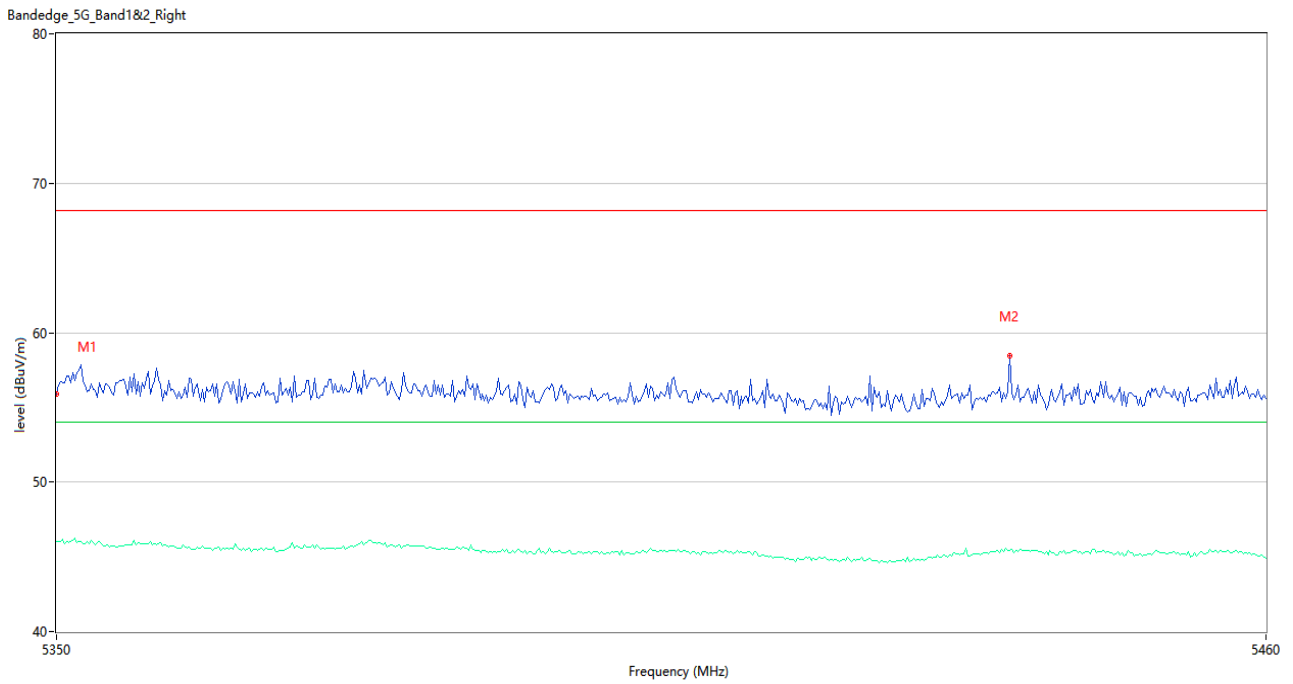
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.56	2.55	68.2	-11.64	Peak	350.00	150	Horizontal	Pass
1**	5350.000	45.98	2.55	54.0	-8.02	AV	350.00	150	Horizontal	Pass
2	5377.867	57.65	2.71	68.2	-10.55	Peak	313.00	150	Horizontal	Pass
2**	5377.867	45.88	2.71	54.0	-8.12	AV	313.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	49.98	-2.71	68.2	-18.22	Peak	0.00	150	Horizontal	Pass
1**	5150.000	42.21	-2.71	54.0	-11.79	AV	0.00	150	Horizontal	Pass
2	5099.750	52.29	-2.49	68.2	-15.91	Peak	124.00	150	Horizontal	Pass
2**	5099.750	42.44	-2.49	54.0	-11.56	AV	124.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



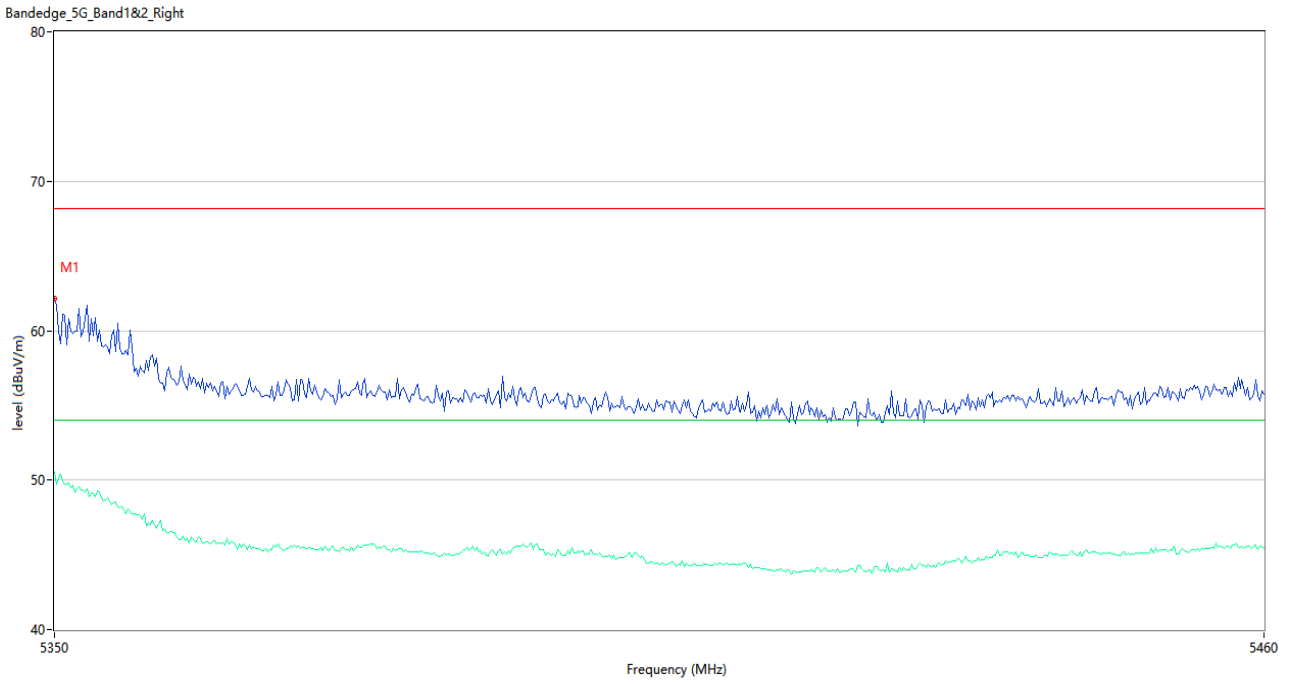
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.93	2.55	68.2	-12.27	Peak	0.00	150	Horizontal	Pass
1**	5350.000	46.00	2.55	54.0	-8.00	AV	0.00	150	Horizontal	Pass
2	5436.533	58.42	2.91	68.2	-9.78	Peak	355.00	150	Horizontal	Pass
2**	5436.533	45.45	2.91	54.0	-8.55	AV	355.00	150	Horizontal	Pass

U-NII-2A 11a CH52



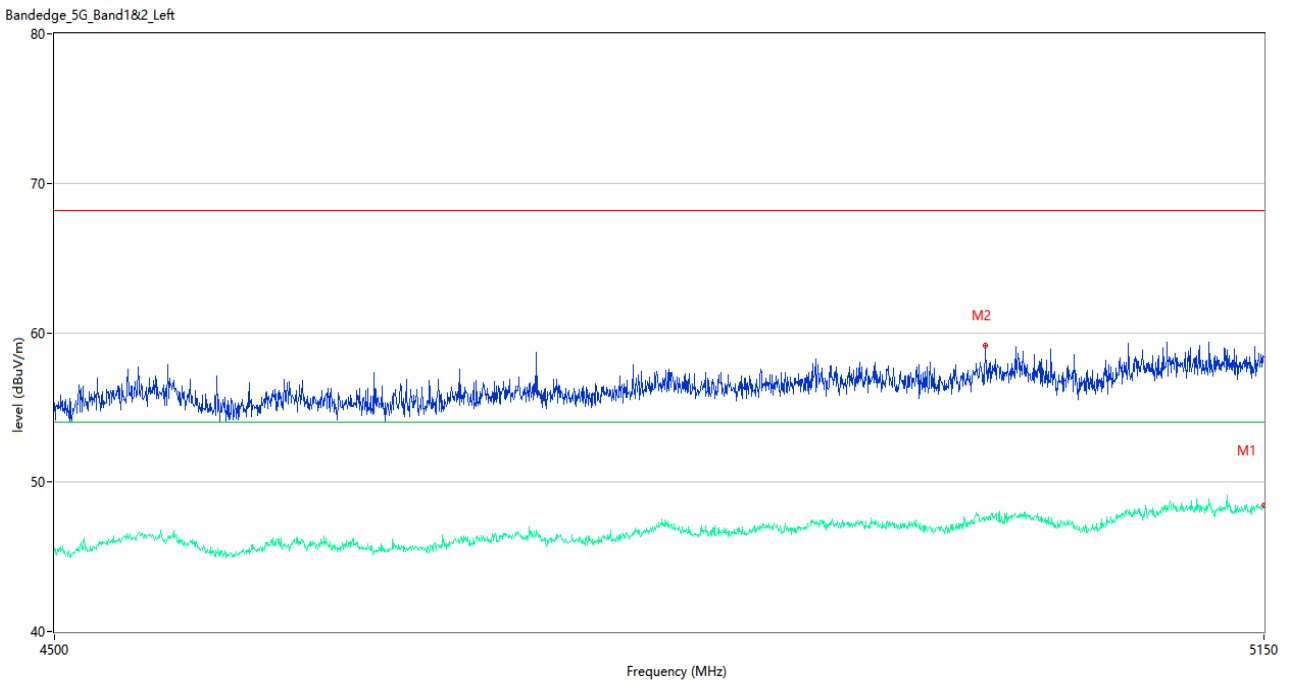
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	51.18	-2.71	68.2	-17.02	Peak	159.00	150	Horizontal	Pass
1**	5150.000	42.49	-2.71	54.0	-11.51	AV	159.00	150	Horizontal	Pass
2	4867.250	50.81	-3.42	68.2	-17.39	Peak	281.00	150	Horizontal	Pass
2**	4867.250	40.34	-3.42	54.0	-13.66	AV	281.00	150	Horizontal	Pass

U-NII-2A 11a CH64



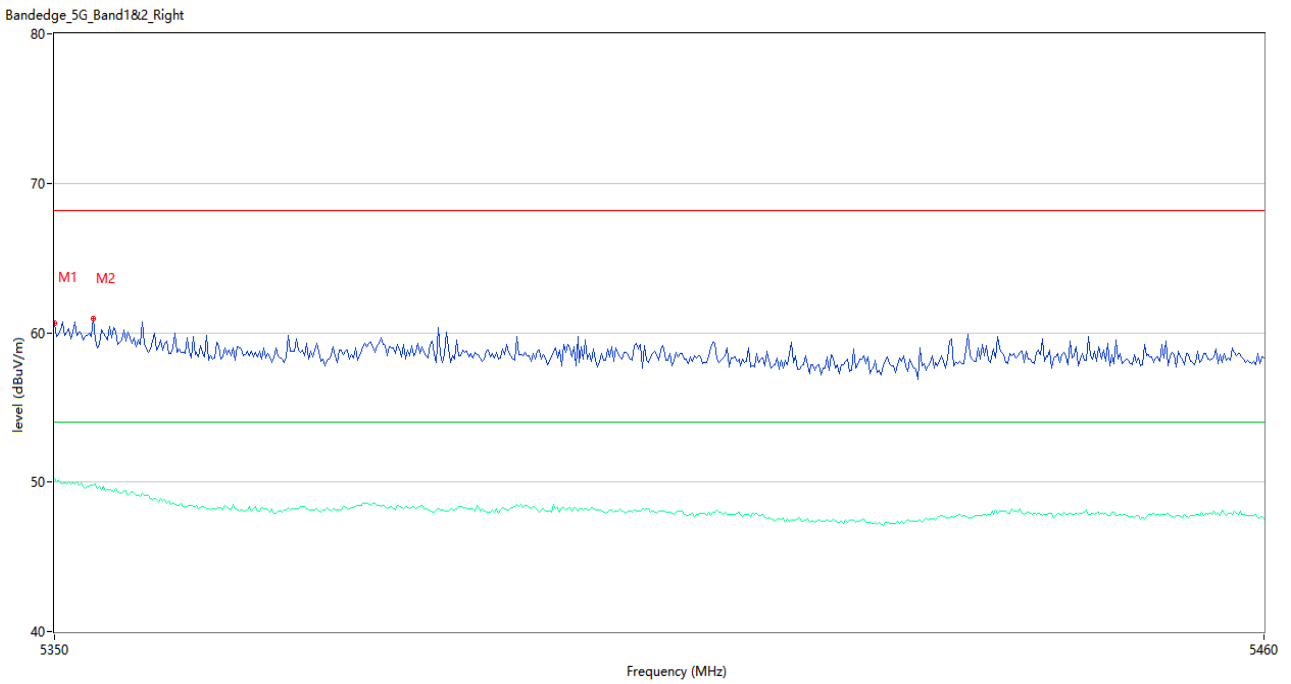
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.14	2.55	68.2	-6.06	Peak	137.00	150	Horizontal	Pass
1**	5350.000	50.51	2.55	54.0	-3.49	AV	137.00	150	Horizontal	Pass

U-NII-2A 11n20 CH52



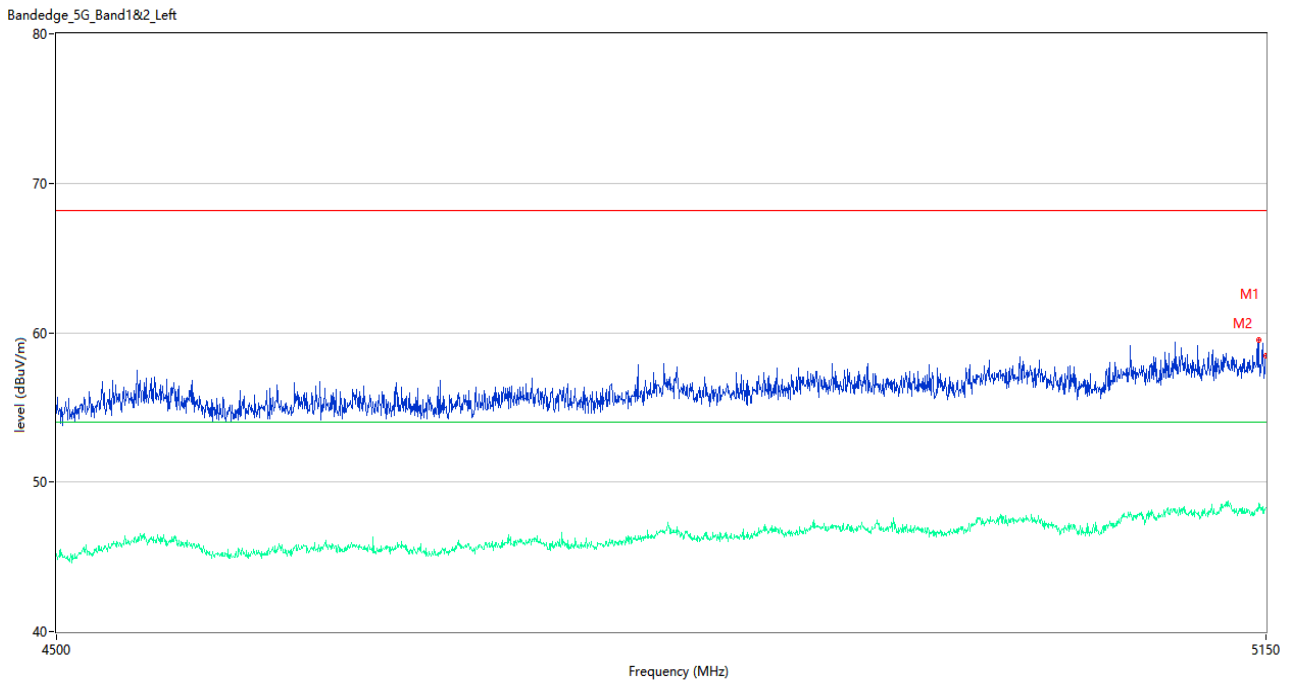
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.35	2.56	68.2	-9.85	Peak	145.00	150	Horizontal	Pass
1**	5150.000	48.45	2.56	54.0	-5.55	AV	145.00	150	Horizontal	Pass
2	4992.375	59.10	2.10	68.2	-9.10	Peak	192.00	150	Horizontal	Pass
2**	4992.375	47.46	2.10	54.0	-6.54	AV	192.00	150	Horizontal	Pass

U-NII-2A 11n20 CH64



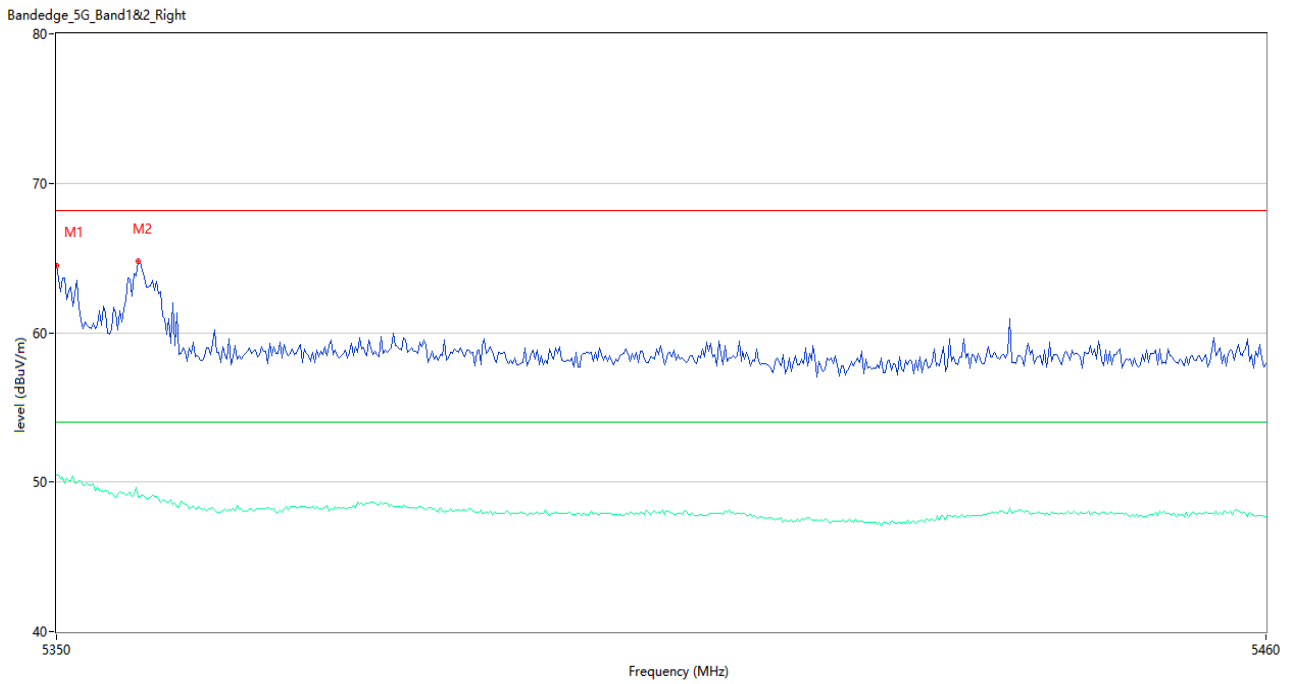
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.62	2.55	68.2	-7.58	Peak	112.00	150	Horizontal	Pass
1**	5350.000	50.24	2.55	54.0	-3.76	AV	112.00	150	Horizontal	Pass
2	5353.483	60.96	2.41	68.2	-7.24	Peak	142.00	150	Horizontal	Pass
2**	5353.483	49.82	2.41	54.0	-4.18	AV	142.00	150	Horizontal	Pass

U-NII-2A 11n40 CH54



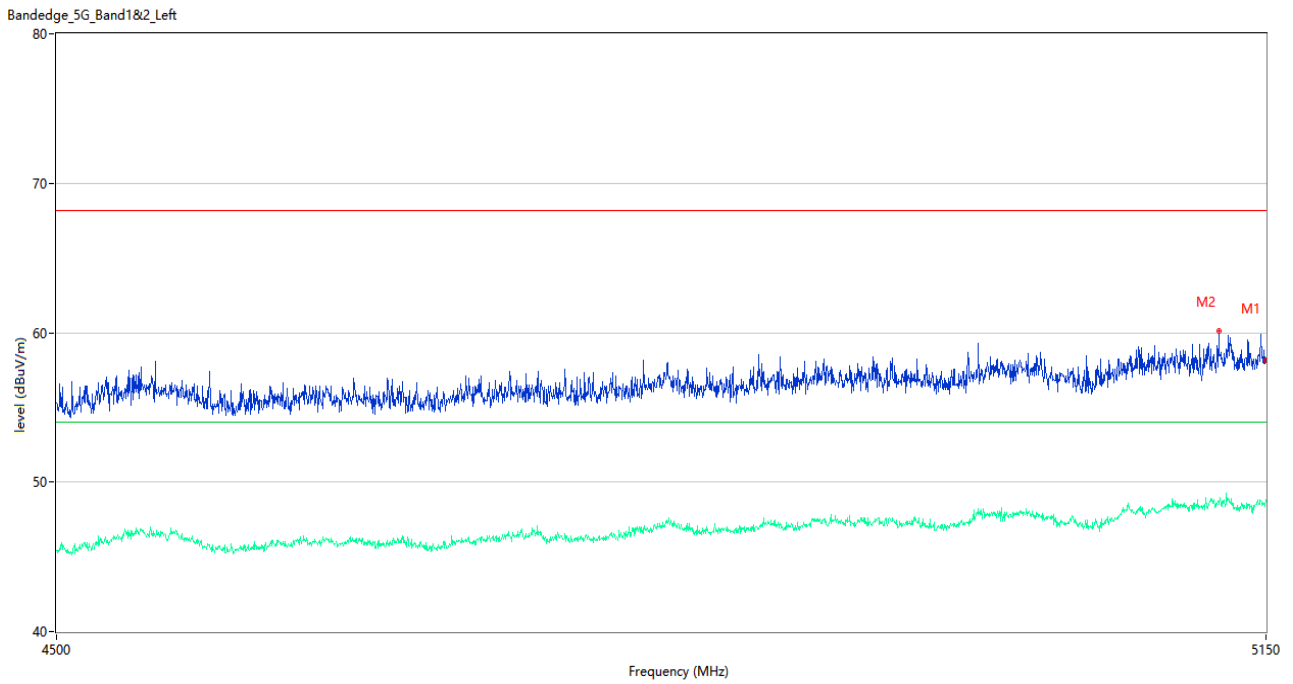
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.45	2.56	68.2	-9.75	Peak	117.00	150	Horizontal	Pass
1**	5150.000	48.27	2.56	54.0	-5.73	AV	117.00	150	Horizontal	Pass
2	5145.775	59.50	2.61	68.2	-8.70	Peak	197.00	150	Horizontal	Pass
2**	5145.775	48.31	2.61	54.0	-5.69	AV	197.00	150	Horizontal	Pass

U-NII-2A 11n40 CH62



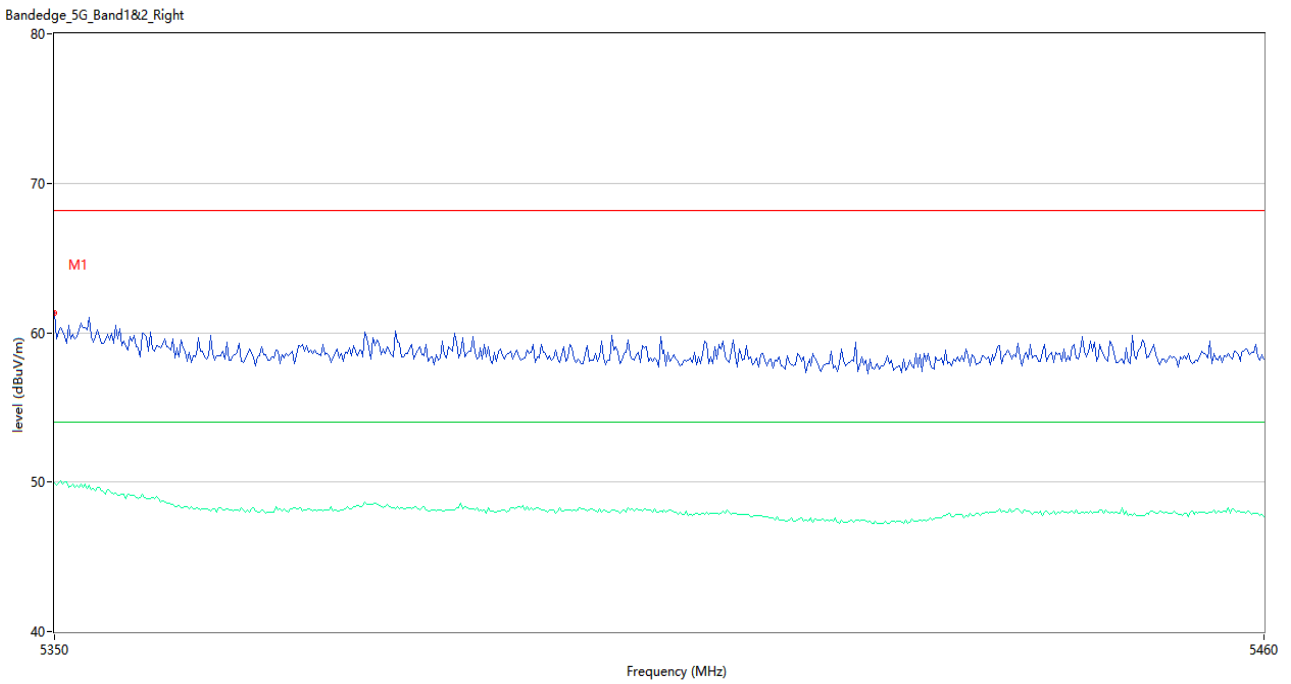
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.45	2.55	68.2	-3.75	Peak	153.00	150	Horizontal	Pass
1**	5350.000	50.49	2.55	54.0	-3.51	AV	153.00	150	Horizontal	Pass
2	5357.334	64.82	2.42	68.2	-3.38	Peak	148.00	150	Horizontal	Pass
2**	5357.334	48.94	2.42	54.0	-5.06	AV	148.00	150	Horizontal	Pass

U-NII-2A 11ac20 CH52



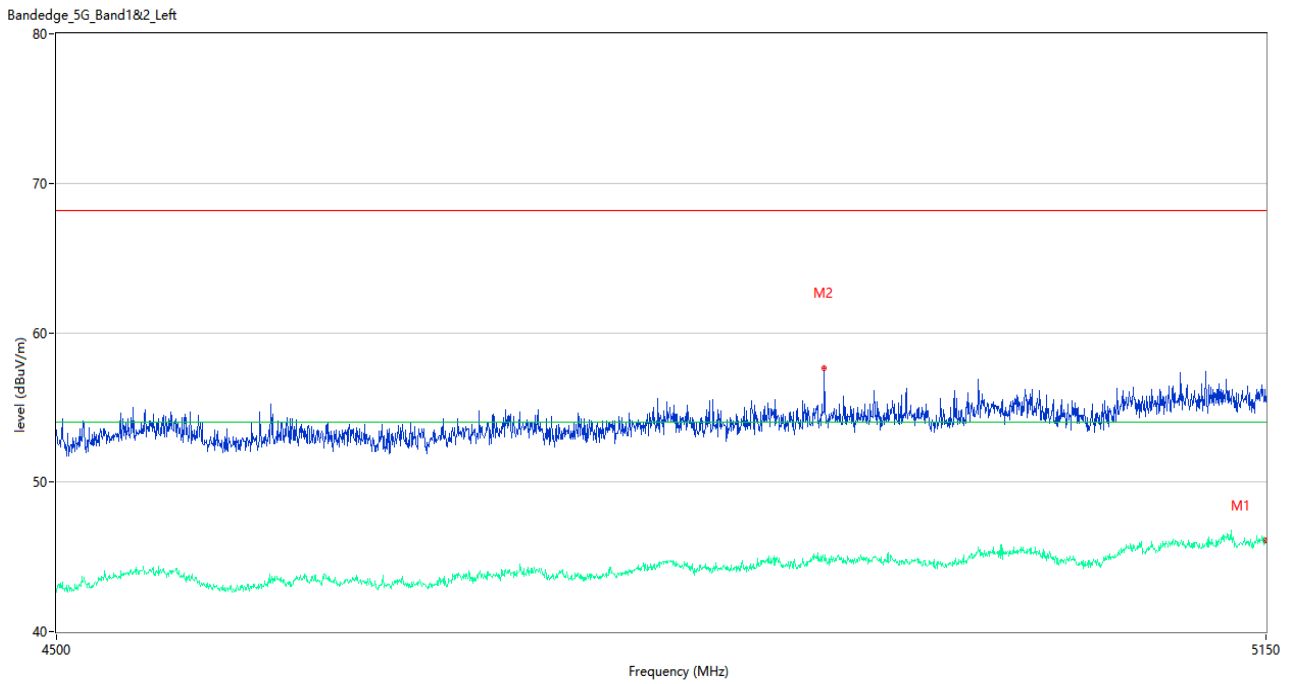
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.18	2.56	68.2	-10.02	Peak	3.00	150	Horizontal	Pass
1**	5150.000	48.84	2.56	54.0	-5.16	AV	3.00	150	Horizontal	Pass
2	5123.025	60.11	2.65	68.2	-8.09	Peak	35.00	150	Horizontal	Pass
2**	5123.025	48.59	2.65	54.0	-5.41	AV	35.00	150	Horizontal	Pass

U-NII-2A 11ac20 CH64



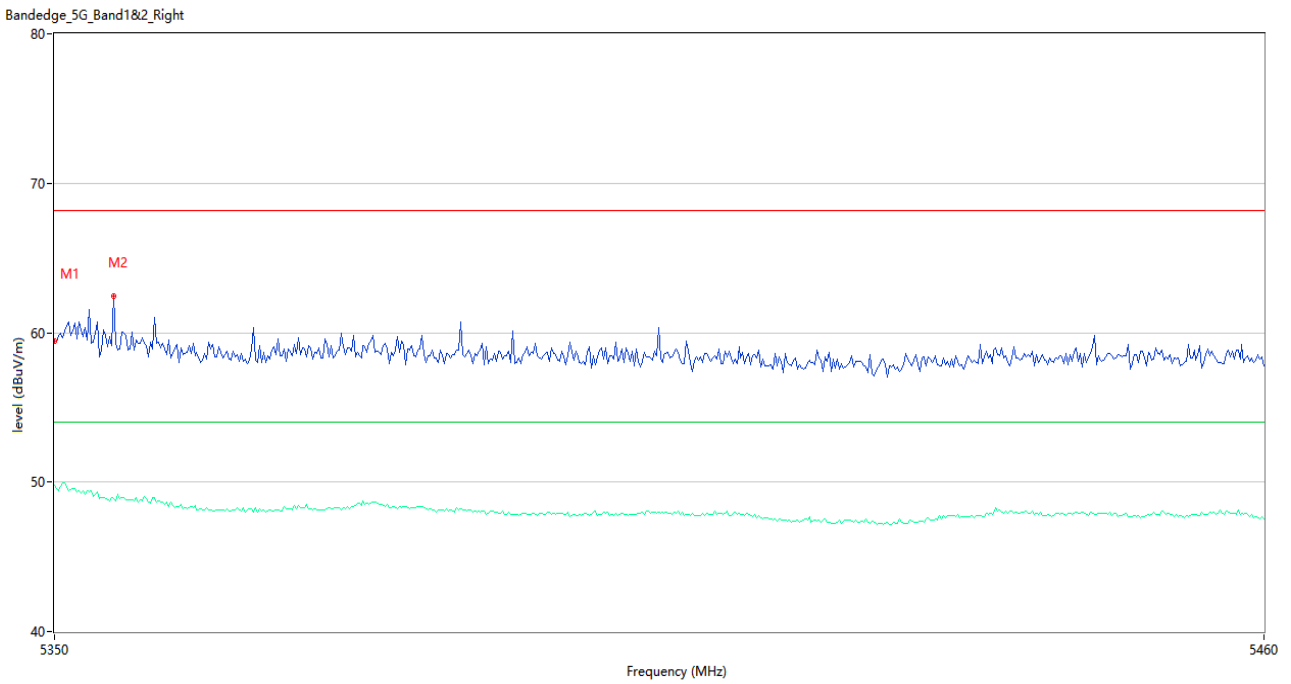
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.33	2.55	68.2	-6.87	Peak	329.00	150	Horizontal	Pass
1**	5350.000	49.91	2.55	54.0	-4.09	AV	329.00	150	Horizontal	Pass

U-NII-2A 11ac40 CH54



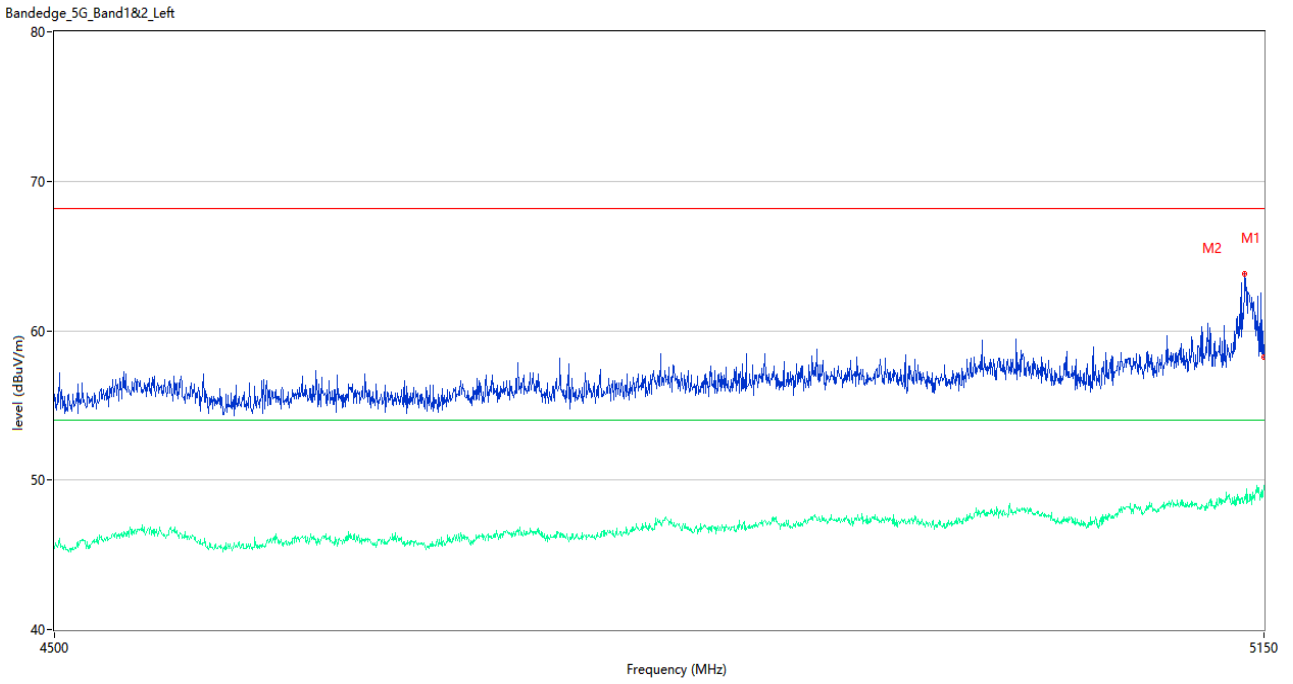
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.33	2.56	68.2	-12.87	Peak	259.00	150	Horizontal	Pass
1**	5150.000	46.13	2.56	54.0	-7.87	AV	259.00	150	Horizontal	Pass
2	4902.350	57.66	2.21	68.2	-10.54	Peak	340.00	150	Horizontal	Pass
2**	4902.350	44.77	2.21	54.0	-9.23	AV	340.00	150	Horizontal	Pass

U-NII-2A 11ac40 CH62



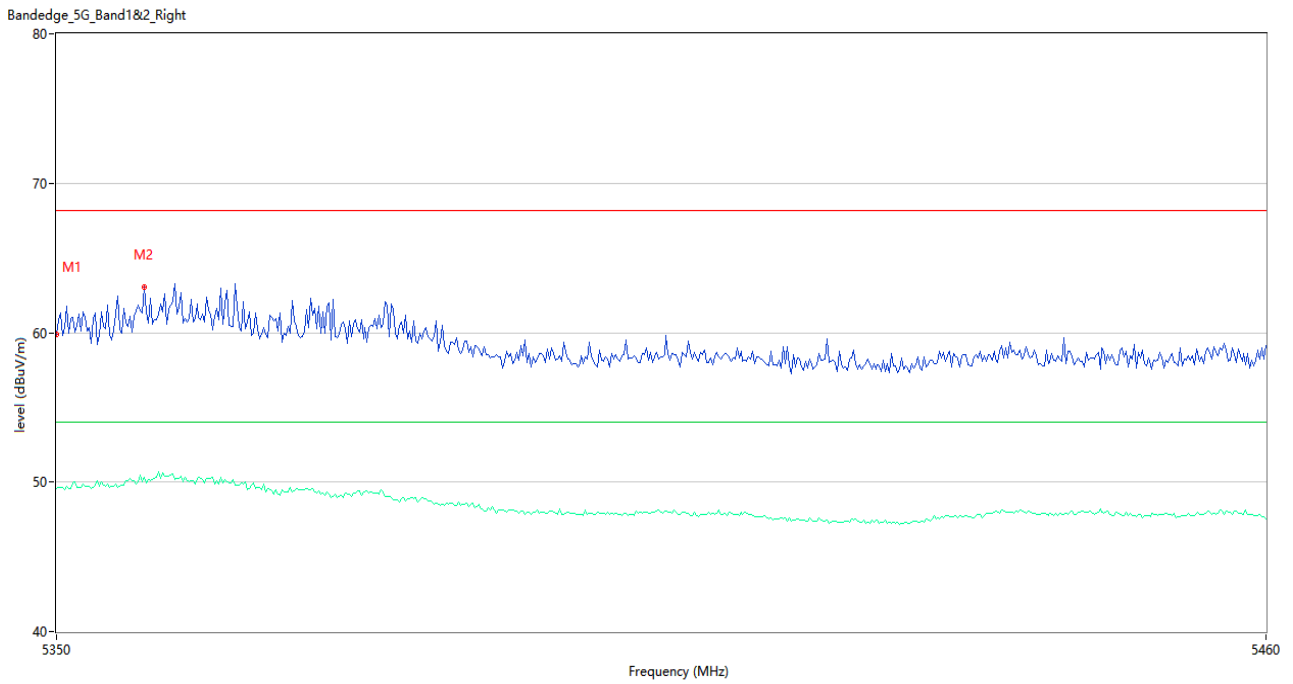
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.40	2.55	68.2	-8.80	Peak	205.00	150	Horizontal	Pass
1**	5350.000	49.76	2.55	54.0	-4.24	AV	205.00	150	Horizontal	Pass
2	5355.317	62.48	2.27	68.2	-5.72	Peak	151.00	150	Horizontal	Pass
2**	5355.317	48.86	2.27	54.0	-5.14	AV	151.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58



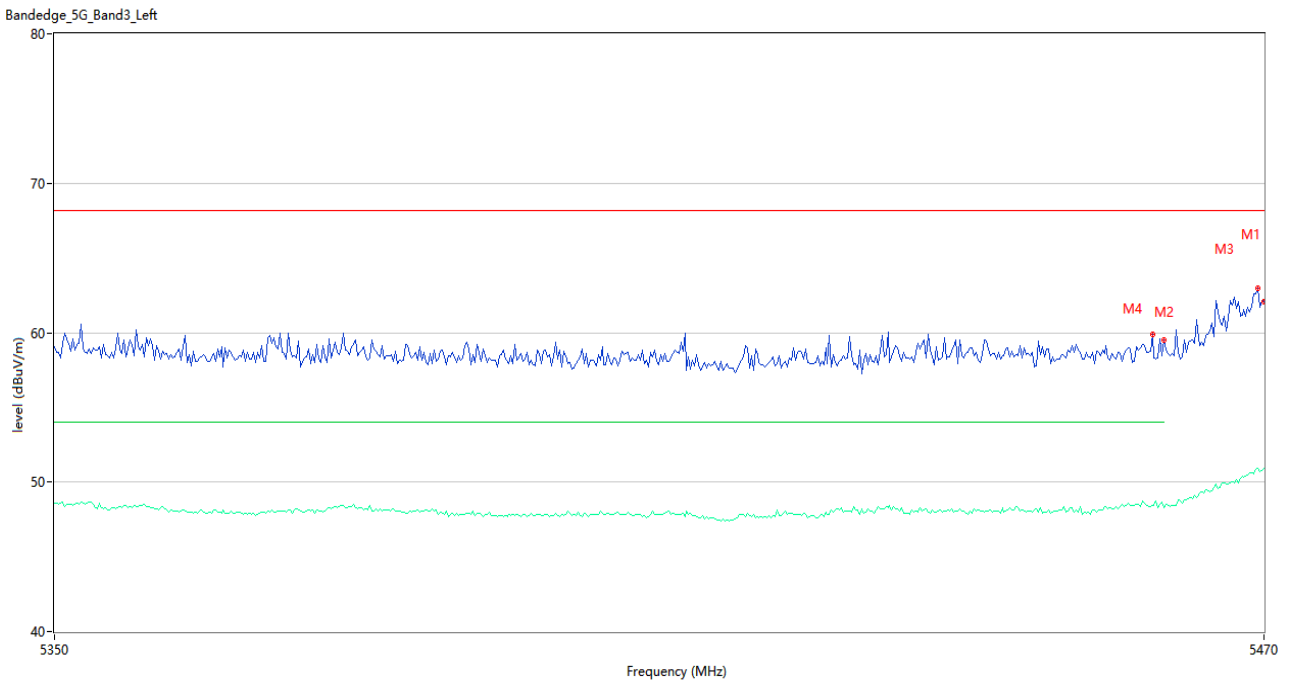
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.23	2.56	68.2	-9.97	Peak	224.00	150	Horizontal	Pass
1**	5150.000	49.66	2.56	54.0	-4.34	AV	224.00	150	Horizontal	Pass
2	5138.950	63.78	2.50	68.2	-4.42	Peak	173.00	150	Horizontal	Pass
2**	5138.950	48.79	2.50	54.0	-5.21	AV	173.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58



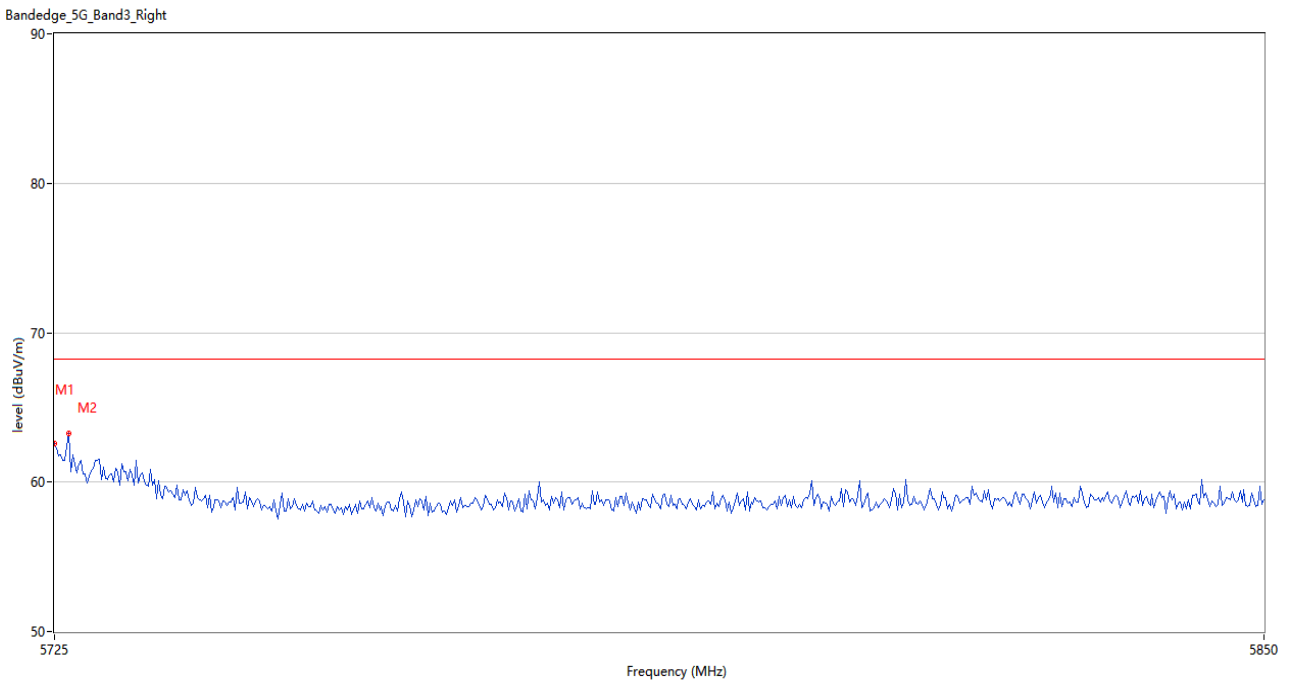
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.86	2.55	68.2	-8.34	Peak	332.00	150	Horizontal	Pass
1**	5350.000	49.57	2.55	54.0	-4.43	AV	332.00	150	Horizontal	Pass
2	5357.883	63.04	2.43	68.2	-5.16	Peak	145.00	150	Horizontal	Pass
2**	5357.883	50.32	2.43	54.0	-3.68	AV	145.00	150	Horizontal	Pass

U-NII-2C 11a CH100



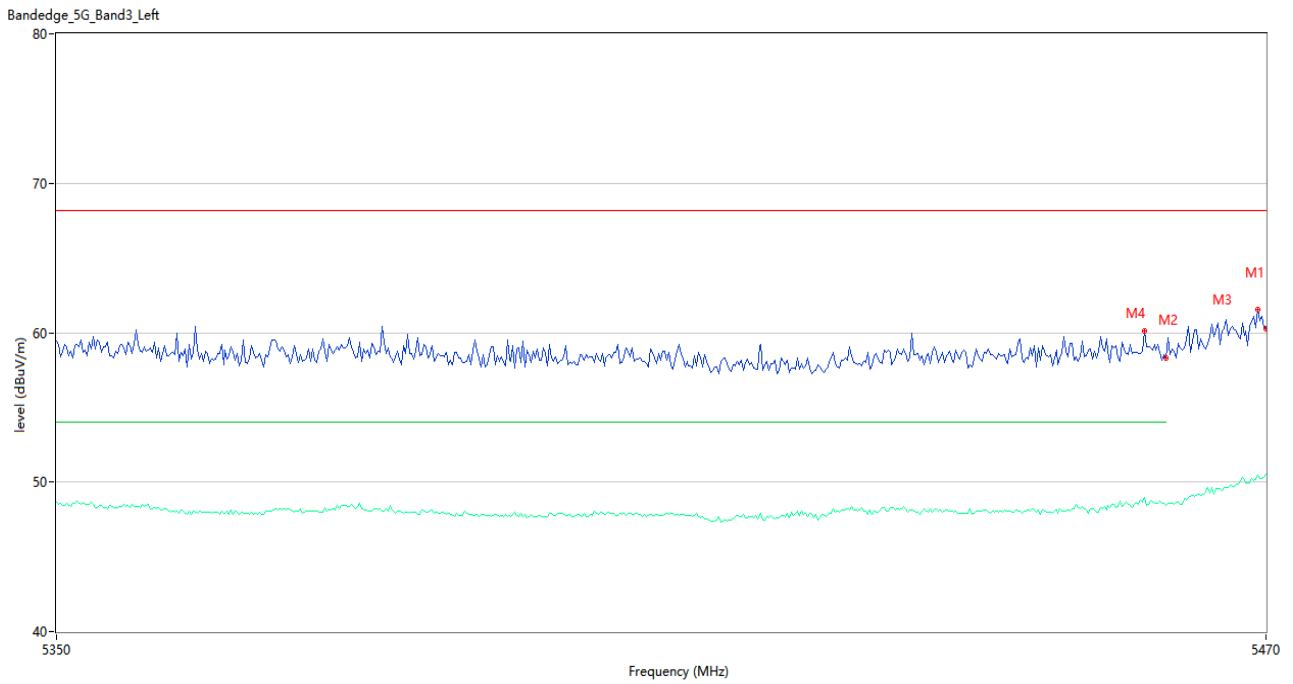
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	62.07	2.87	68.2	-6.13	Peak	359.00	150	Horizontal	Pass
1**	5470.000	50.91	2.87	--	--	AV	359.00	150	Horizontal	N/A
2	5460.000	59.51	3.08	68.2	-8.69	Peak	59.00	150	Horizontal	Pass
2**	5460.000	48.30	3.08	54.0	-5.70	AV	59.00	150	Horizontal	Pass
3	5469.400	62.94	2.87	68.2	-5.26	Peak	0.00	150	Horizontal	Pass
3**	5469.400	50.94	2.87	--	--	AV	0.00	150	Horizontal	N/A
4	5458.800	59.85	3.17	68.2	-8.35	Peak	18.00	150	Horizontal	Pass
4**	5458.800	48.46	3.17	54.0	-5.54	AV	18.00	150	Horizontal	Pass

U-NII-2C 11a CH140



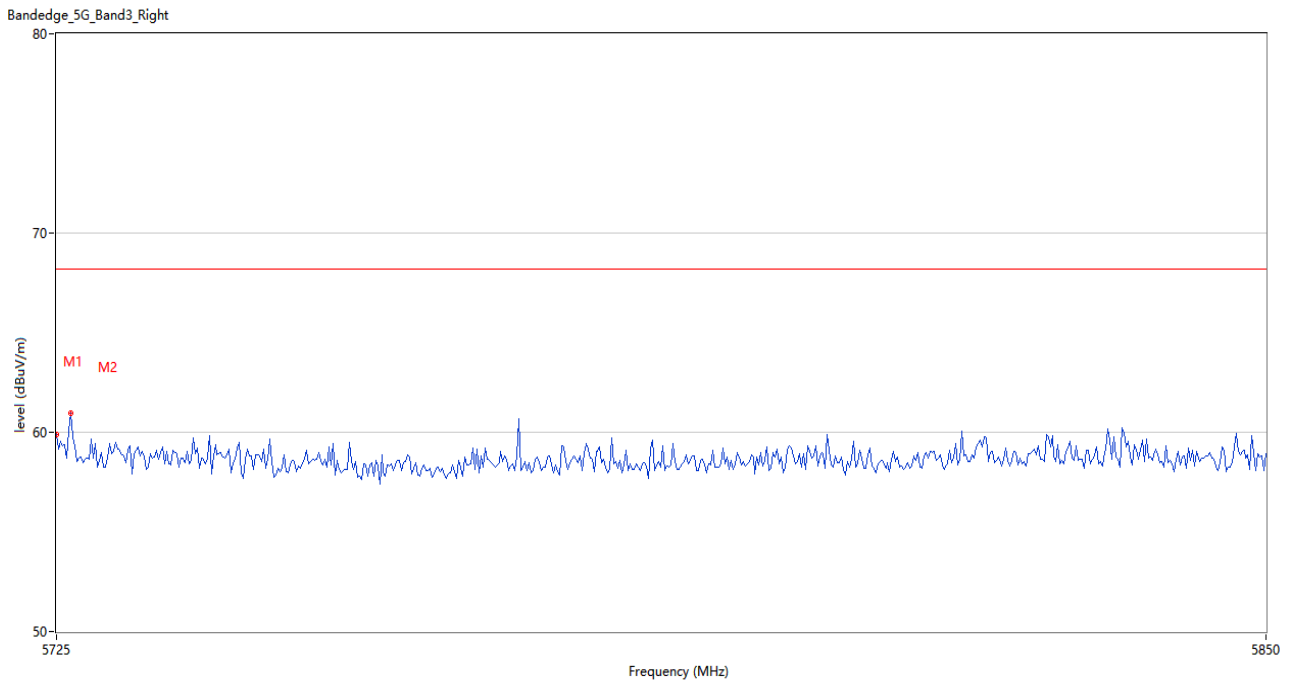
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.57	2.67	68.2	-5.63	Peak	360.00	150	Horizontal	Pass
2	5726.458	63.24	2.61	68.2	-4.96	Peak	360.00	150	Horizontal	Pass

U-NII-2C 11n20 CH100



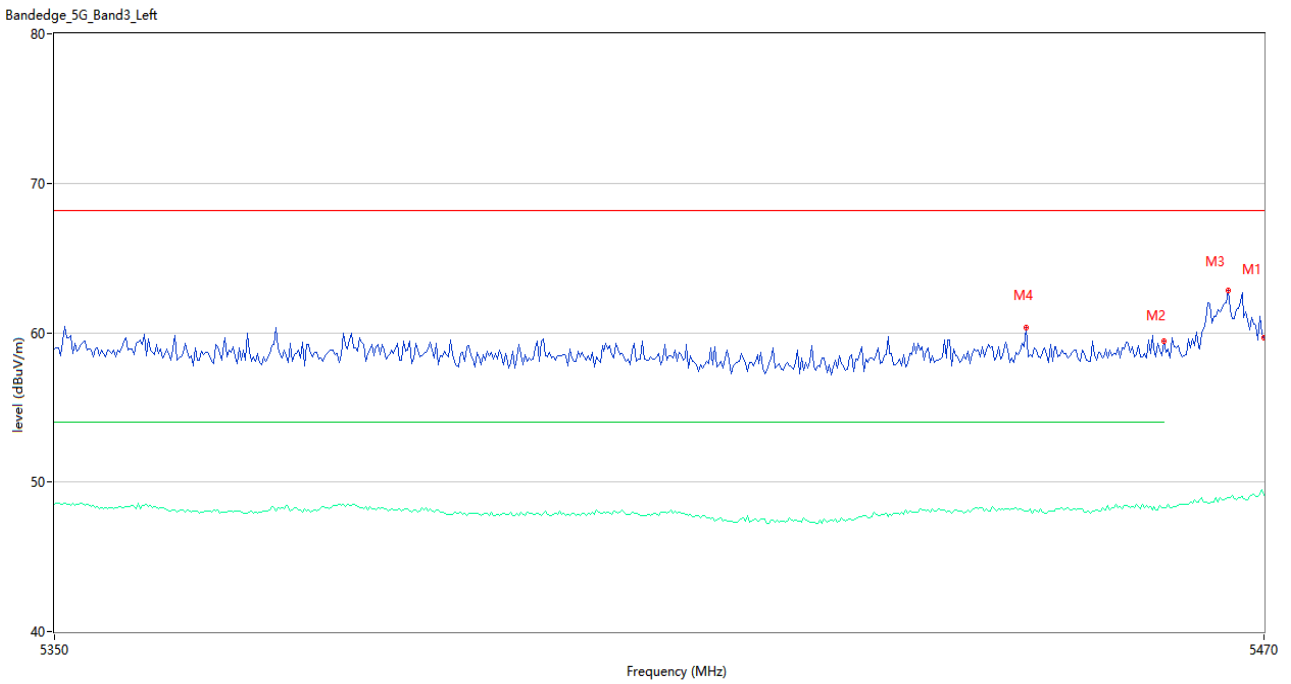
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	60.27	2.87	68.2	-7.93	Peak	360.00	150	Horizontal	Pass
1**	5470.000	50.58	2.87	--	--	AV	360.00	150	Horizontal	N/A
2	5460.000	58.30	3.08	68.2	-9.90	Peak	360.00	150	Horizontal	Pass
2**	5460.000	48.41	3.08	54.0	-5.59	AV	360.00	150	Horizontal	Pass
3	5469.200	61.51	2.88	68.2	-6.69	Peak	0.00	150	Horizontal	Pass
3**	5469.200	50.50	2.88	--	--	AV	0.00	150	Horizontal	N/A
4	5457.800	60.09	3.26	68.2	-8.11	Peak	181.00	150	Horizontal	Pass
4**	5457.800	48.95	3.26	54.0	-5.05	AV	181.00	150	Horizontal	Pass

U-NII-2C 11n20 CH140



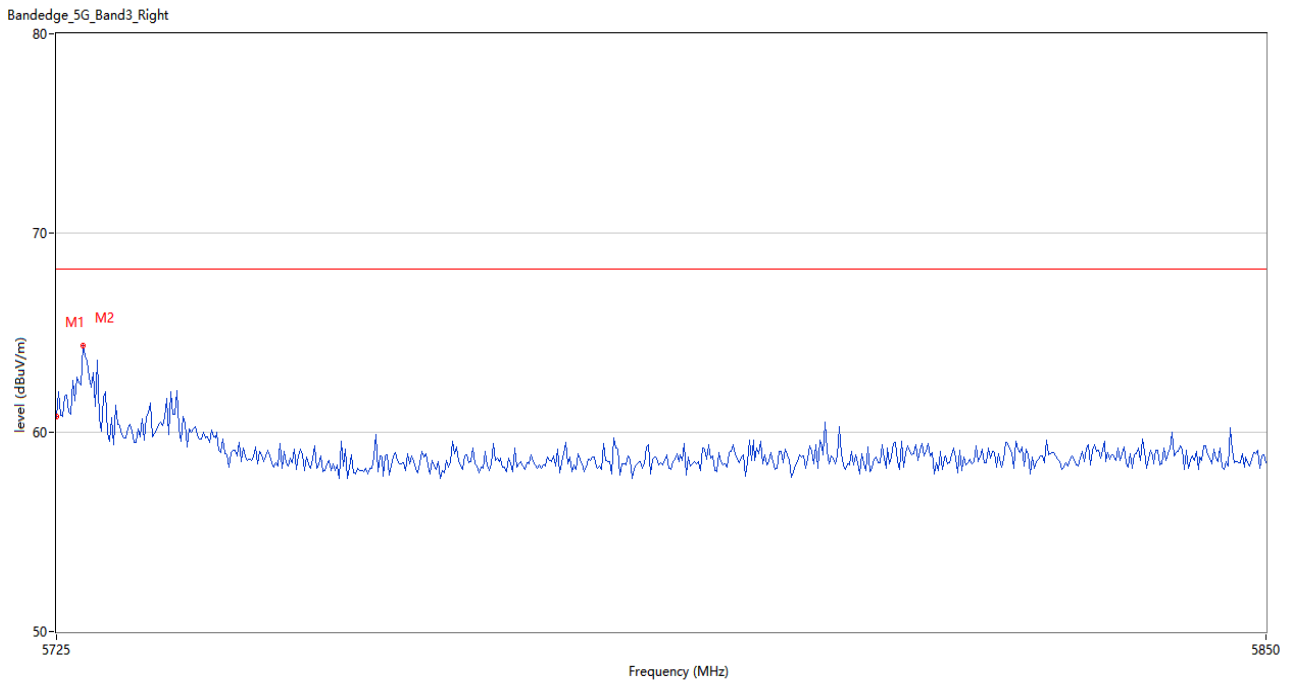
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.90	2.67	68.2	-8.30	Peak	350.00	150	Horizontal	Pass
2	5726.458	60.98	2.61	68.2	-7.22	Peak	0.00	150	Horizontal	Pass

U-NII-2C 11n40 CH102



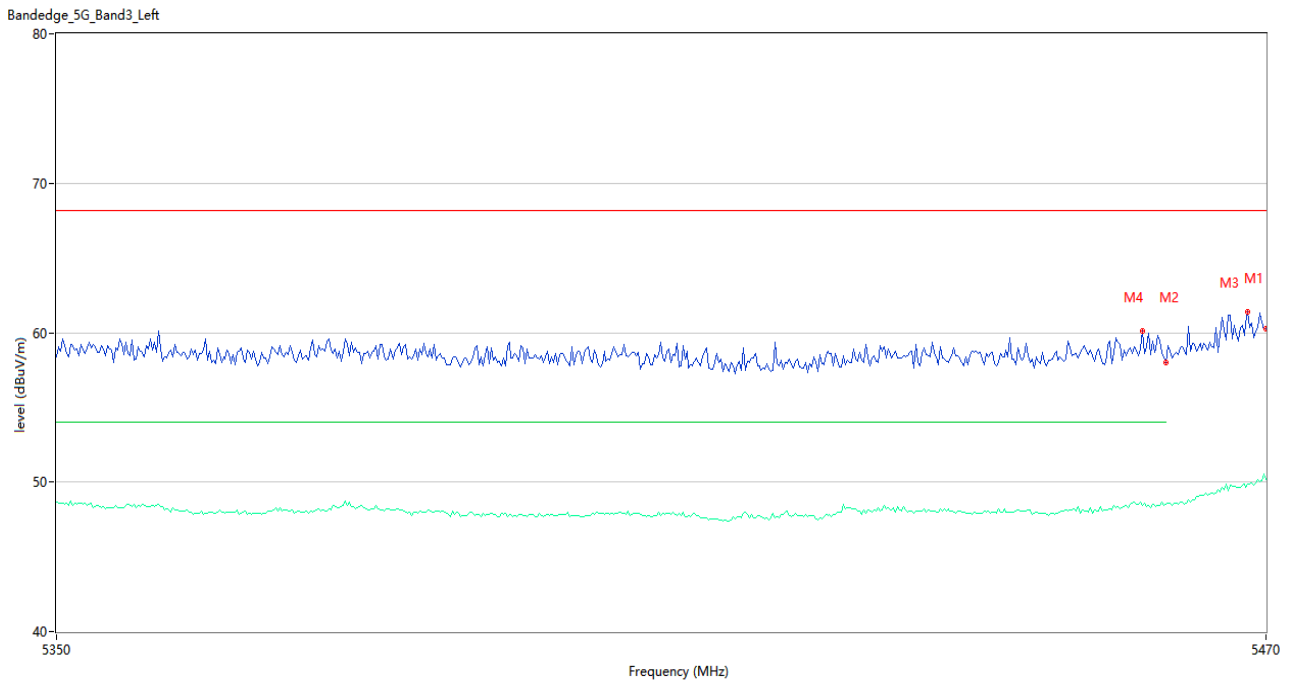
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	59.68	2.87	68.2	-8.52	Peak	325.00	150	Horizontal	Pass
1**	5470.000	49.13	2.87	--	--	AV	325.00	150	Horizontal	N/A
2	5460.000	59.41	3.08	68.2	-8.79	Peak	328.00	150	Horizontal	Pass
2**	5460.000	48.32	3.08	54.0	-5.68	AV	328.00	150	Horizontal	Pass
3	5466.400	62.81	2.97	68.2	-5.39	Peak	333.00	150	Horizontal	Pass
3**	5466.400	48.95	2.97	--	--	AV	333.00	150	Horizontal	N/A
4	5446.200	60.31	2.82	68.2	-7.89	Peak	77.00	150	Horizontal	Pass
4**	5446.200	48.06	2.82	54.0	-5.94	AV	77.00	150	Horizontal	Pass

U-NII-2C 11n40 CH134



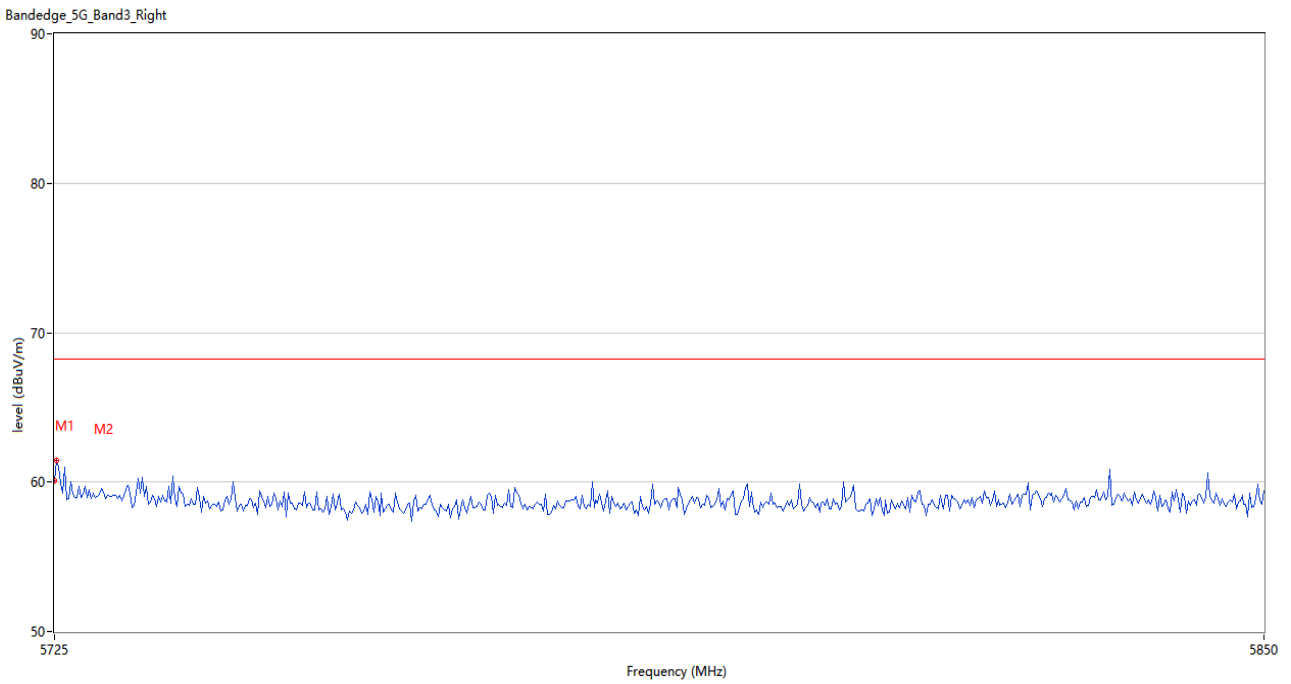
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.79	2.67	68.2	-7.41	Peak	351.00	150	Horizontal	Pass
2	5727.709	64.37	2.59	68.2	-3.83	Peak	352.00	150	Horizontal	Pass

U-NII-2C 11ac20 CH100



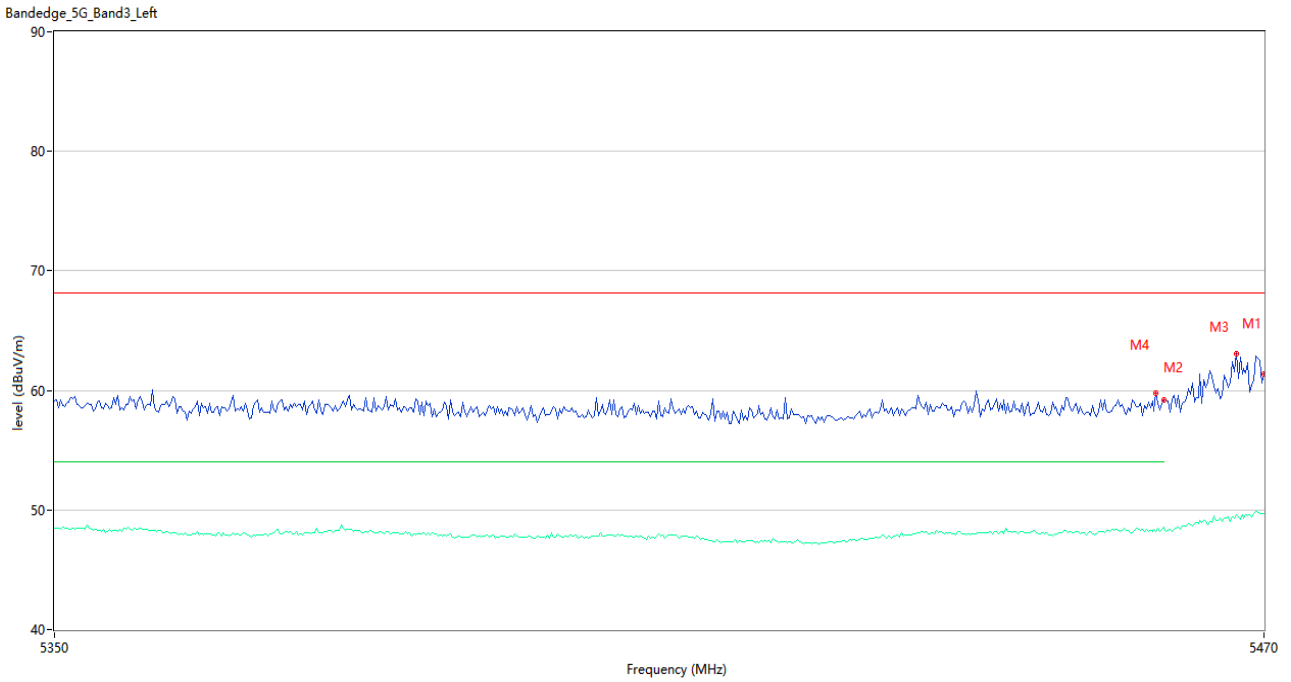
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	60.27	2.87	68.2	-7.93	Peak	360.00	150	Horizontal	Pass
1**	5470.000	50.16	2.87	--	--	AV	360.00	150	Horizontal	N/A
2	5460.000	58.03	3.08	68.2	-10.17	Peak	239.00	150	Horizontal	Pass
2**	5460.000	48.49	3.08	54.0	-5.51	AV	239.00	150	Horizontal	Pass
3	5468.200	61.42	2.93	68.2	-6.78	Peak	0.00	150	Horizontal	Pass
3**	5468.200	49.90	2.93	--	--	AV	0.00	150	Horizontal	N/A
4	5457.600	60.13	3.28	68.2	-8.07	Peak	148.00	150	Horizontal	Pass
4**	5457.600	48.42	3.28	54.0	-5.58	AV	148.00	150	Horizontal	Pass

U-NII-2C 11ac20 CH140



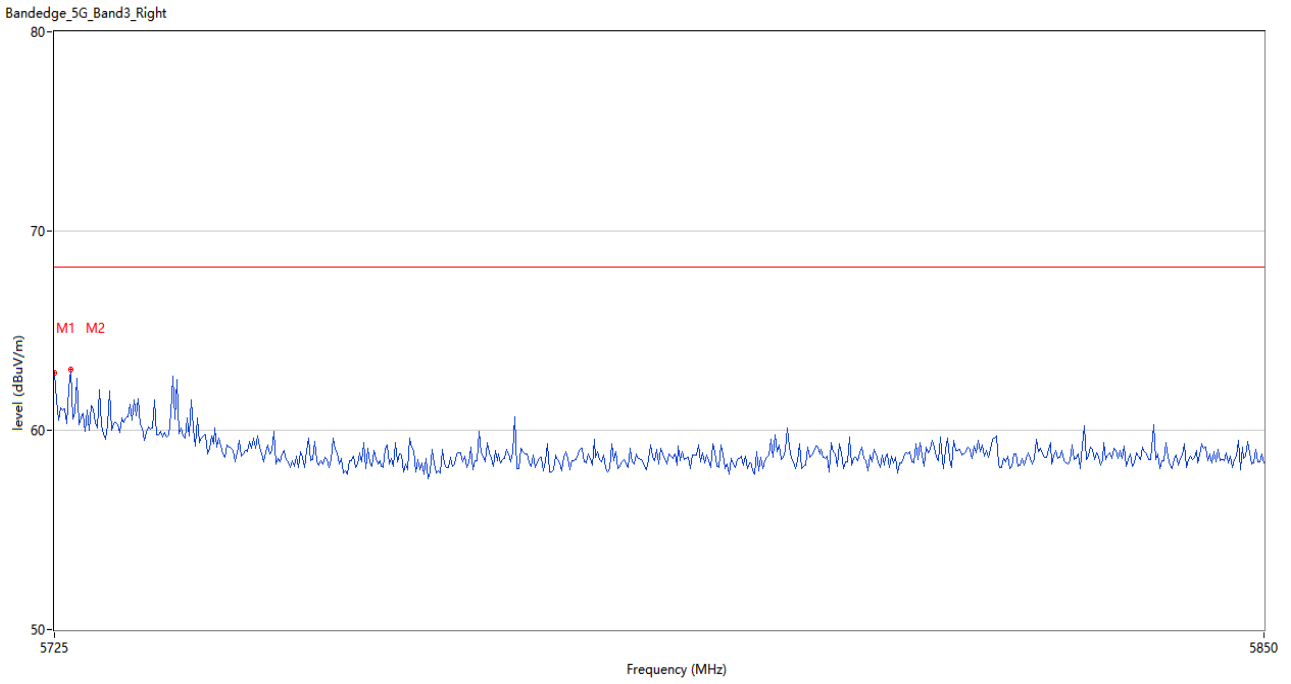
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.11	2.67	68.2	-8.09	Peak	0.00	150	Horizontal	Pass
2	5725.209	61.44	2.66	68.2	-6.76	Peak	1.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH102



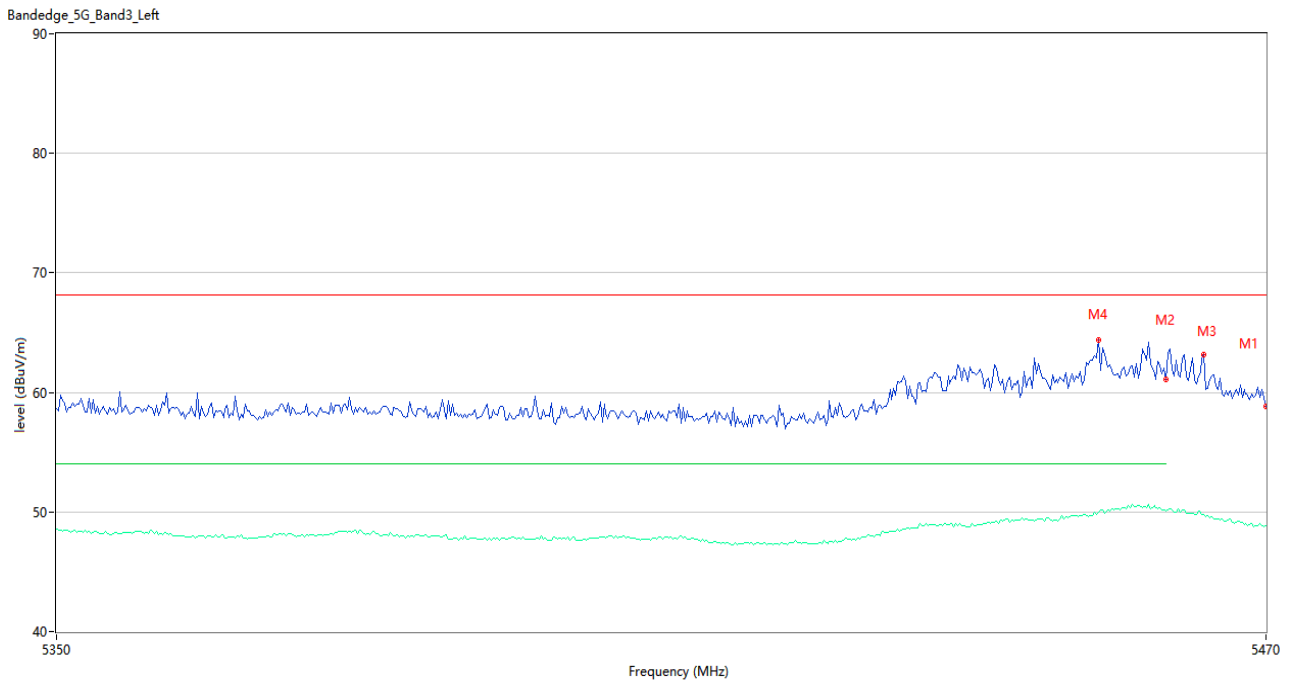
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	61.35	2.87	68.2	-6.85	Peak	4.00	150	Horizontal	Pass
1**	5470.000	49.68	2.87	--	--	AV	4.00	150	Horizontal	N/A
2	5460.000	59.21	3.08	68.2	-8.99	Peak	1.00	150	Horizontal	Pass
2**	5460.000	48.59	3.08	54.0	-5.41	AV	1.00	150	Horizontal	Pass
3	5467.200	63.05	2.97	68.2	-5.15	Peak	347.00	150	Horizontal	Pass
3**	5467.200	49.56	2.97	--	--	AV	347.00	150	Horizontal	N/A
4	5459.200	59.75	3.14	68.2	-8.45	Peak	322.00	150	Horizontal	Pass
4**	5459.200	48.22	3.14	54.0	-5.78	AV	322.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH134



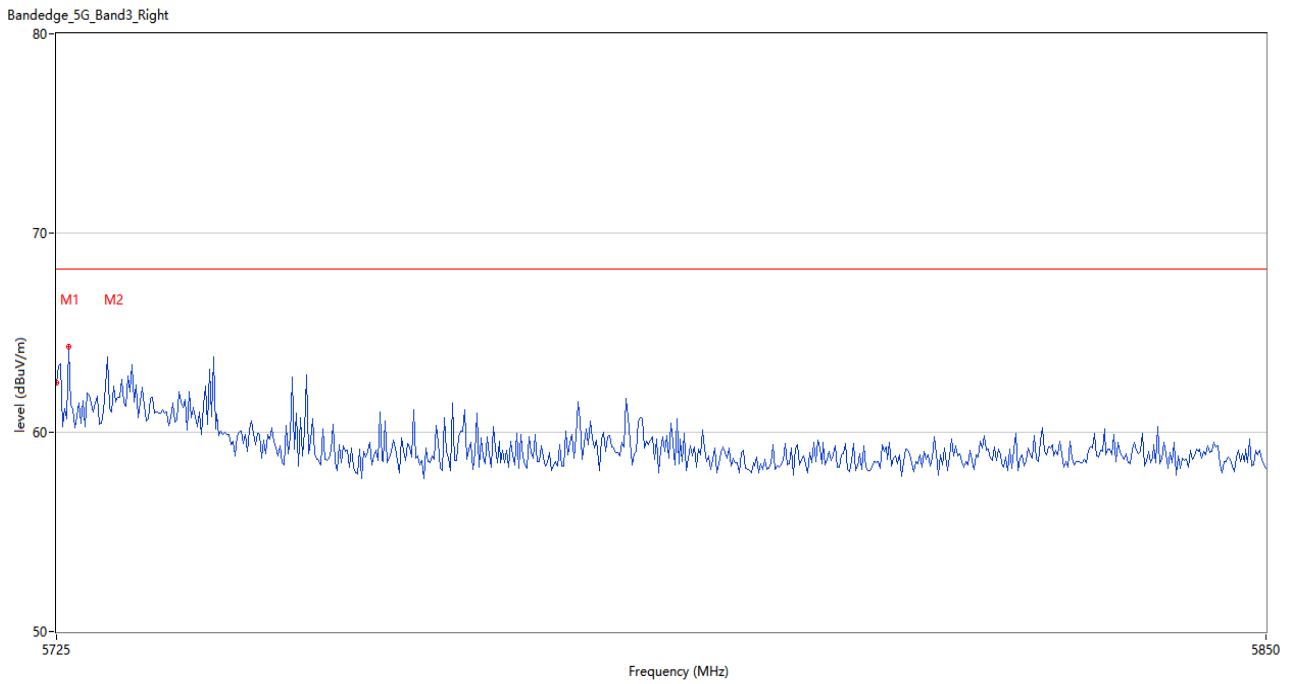
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.90	2.67	68.2	-5.30	Peak	160.00	150	Horizontal	Pass
2	5726.667	63.07	2.60	68.2	-5.13	Peak	320.00	150	Horizontal	Pass

U-NII-2C 11ac80 CH106



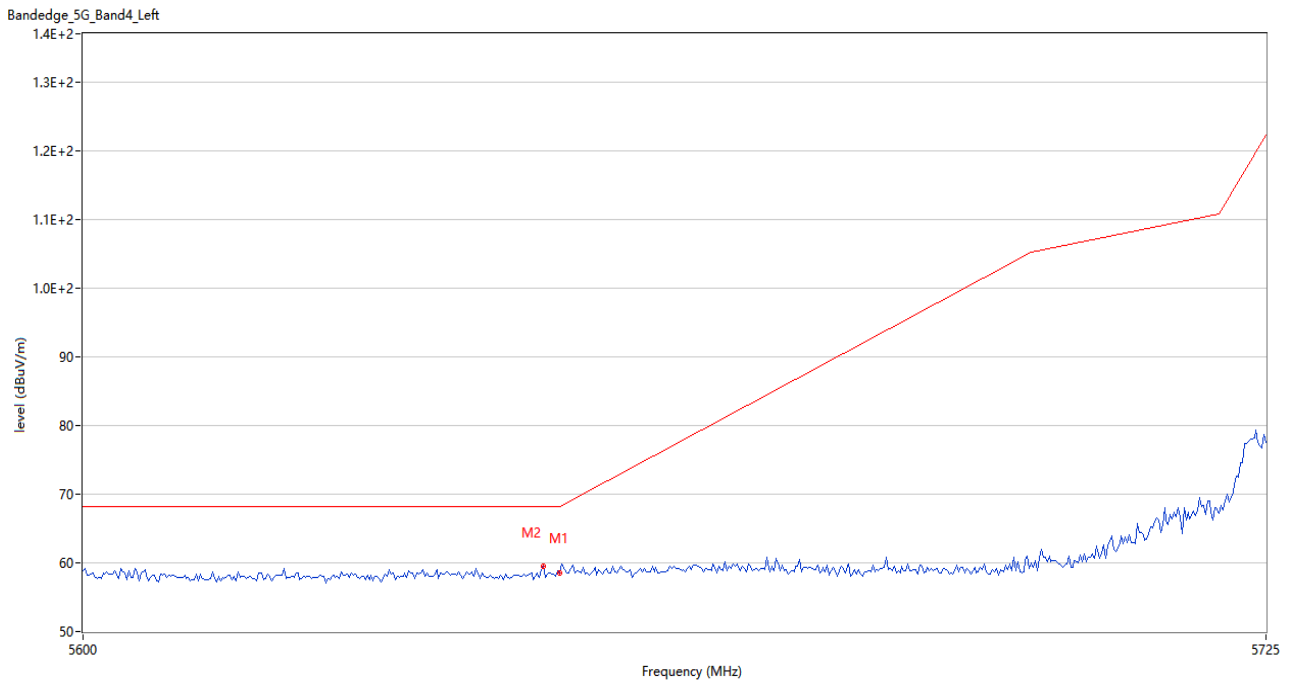
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5470.000	58.87	2.87	68.2	-9.33	Peak	360.00	150	Horizontal	Pass
1**	5470.000	48.82	2.87	--	--	AV	360.00	150	Horizontal	N/A
2	5460.000	61.10	3.08	68.2	-7.10	Peak	360.00	150	Horizontal	Pass
2**	5460.000	50.04	3.08	54.0	-3.96	AV	360.00	150	Horizontal	Pass
3	5463.800	63.13	3.12	68.2	-5.07	Peak	360.00	150	Horizontal	Pass
3**	5463.800	49.78	3.12	--	--	AV	360.00	150	Horizontal	N/A
4	5453.200	64.41	2.96	68.2	-3.79	Peak	360.00	150	Horizontal	Pass
4**	5453.200	49.95	2.96	54.0	-4.05	AV	360.00	150	Horizontal	Pass

U-NII-2C 11ac80 CH122



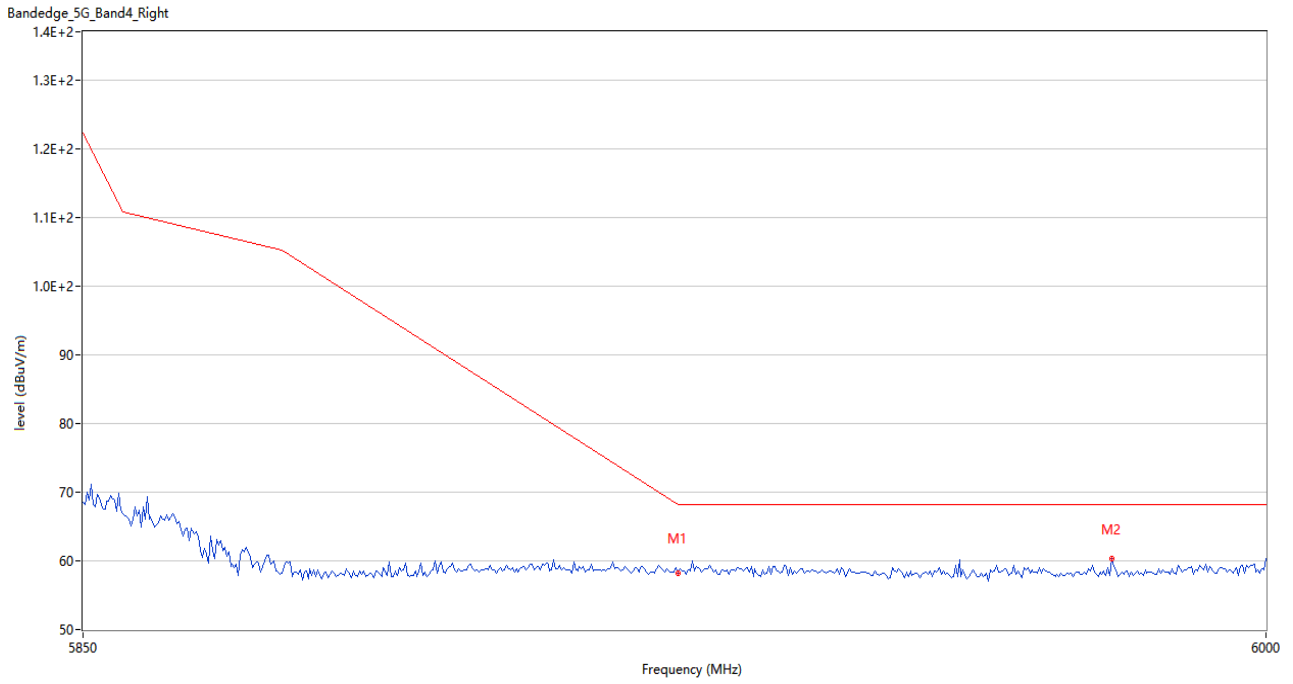
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.50	2.67	68.2	-5.70	Peak	360.00	150	Horizontal	Pass
2	5726.250	64.29	2.62	68.2	-3.91	Peak	354.00	150	Horizontal	Pass

U-NII-3 11a CH149



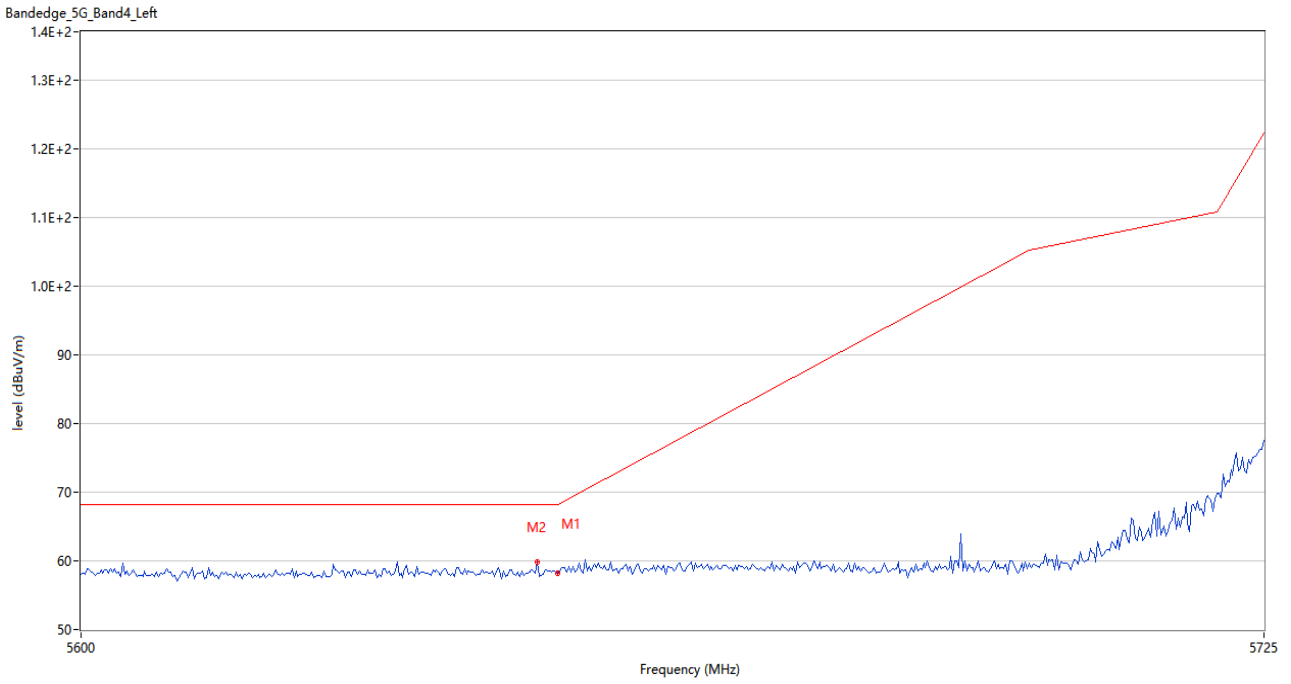
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.59	2.91	68.2	-9.61	Peak	327.00	150	Horizontal	Pass
2	5648.333	59.55	2.66	68.2	-8.65	Peak	229.00	150	Horizontal	Pass

U-NII-3 11a CH165



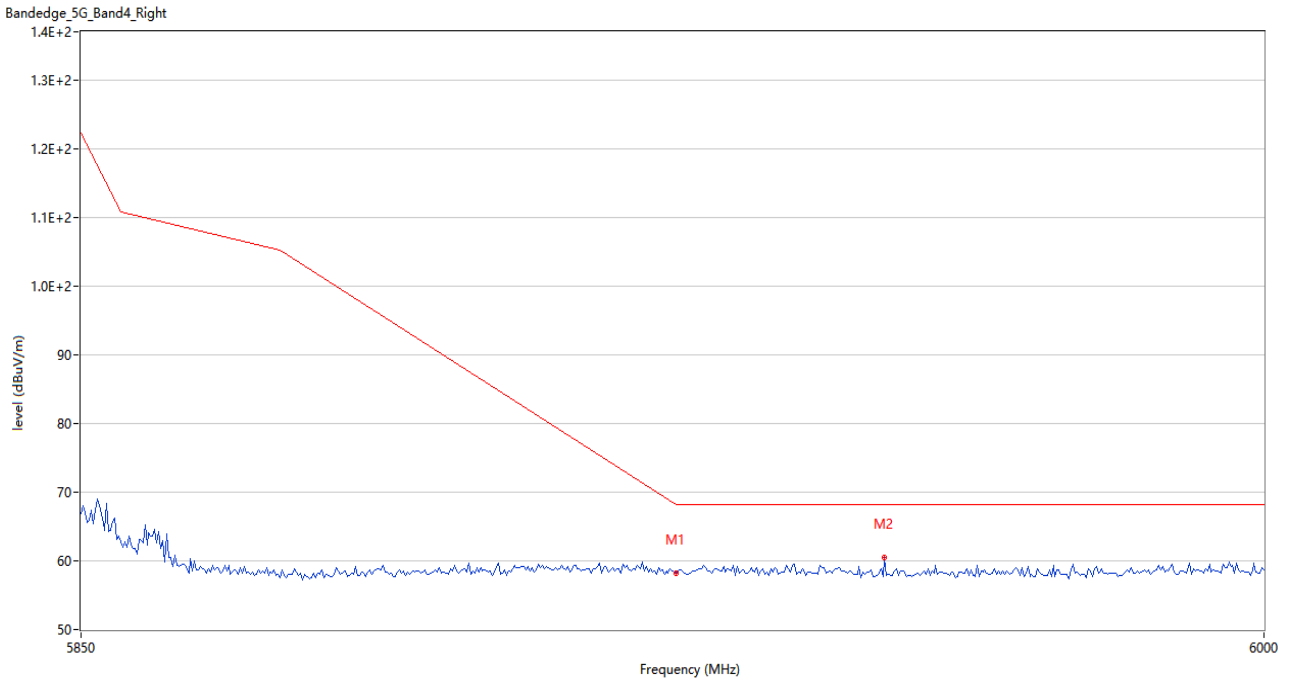
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.24	3.02	68.2	-9.96	Peak	263.00	150	Horizontal	Pass
2	5980.250	60.24	2.94	68.2	-7.96	Peak	289.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



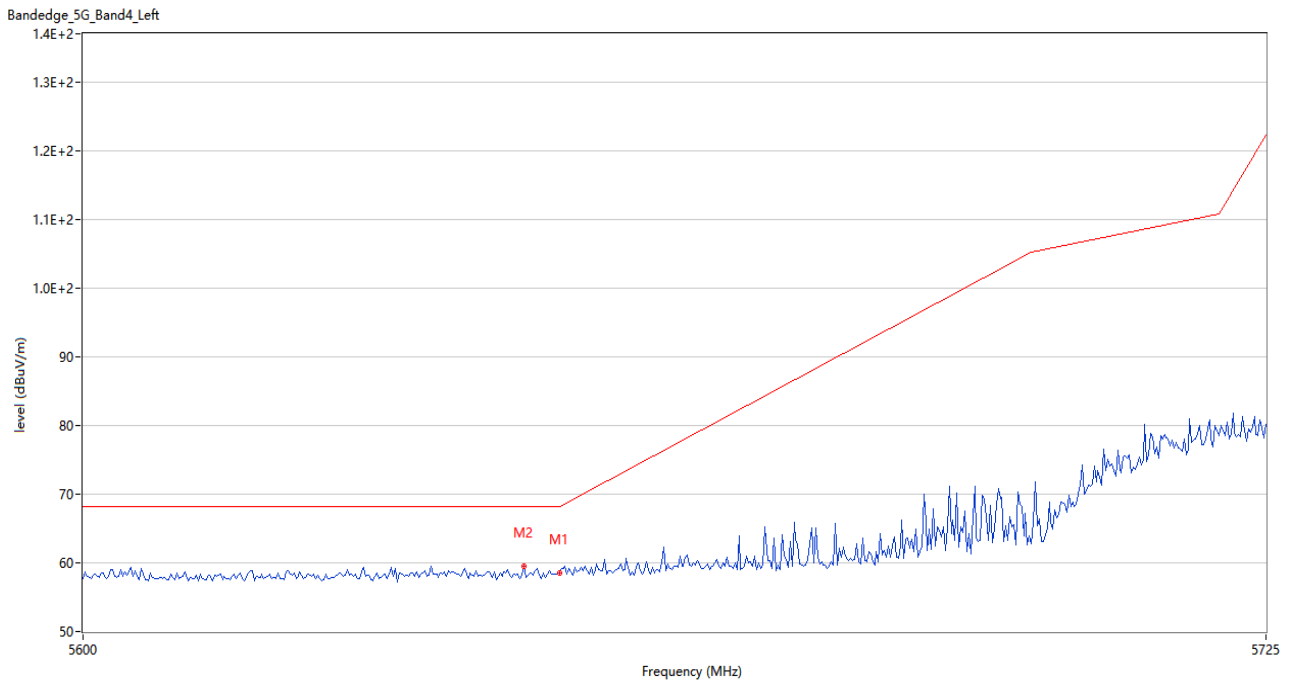
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.26	2.91	68.2	-9.94	Peak	210.00	150	Horizontal	Pass
2	5647.917	59.88	2.63	68.2	-8.32	Peak	355.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



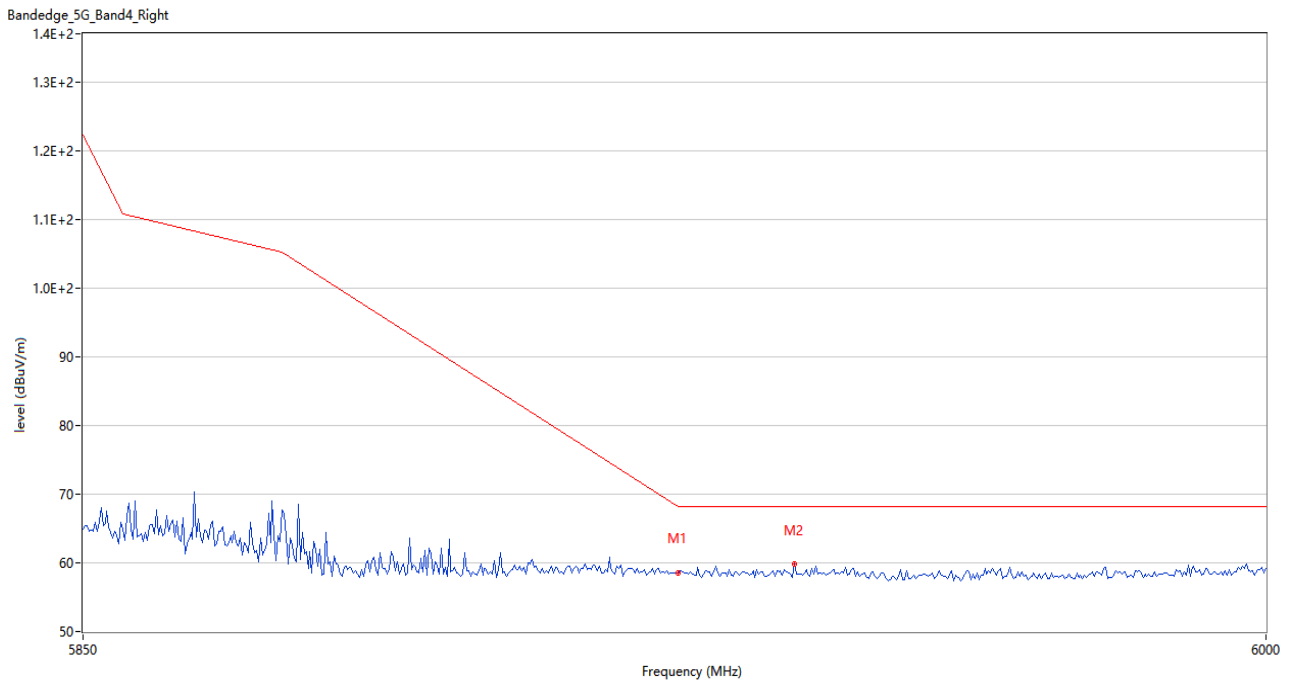
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.18	3.02	68.2	-10.02	Peak	165.00	150	Horizontal	Pass
2	5951.500	60.47	2.56	68.2	-7.73	Peak	27.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



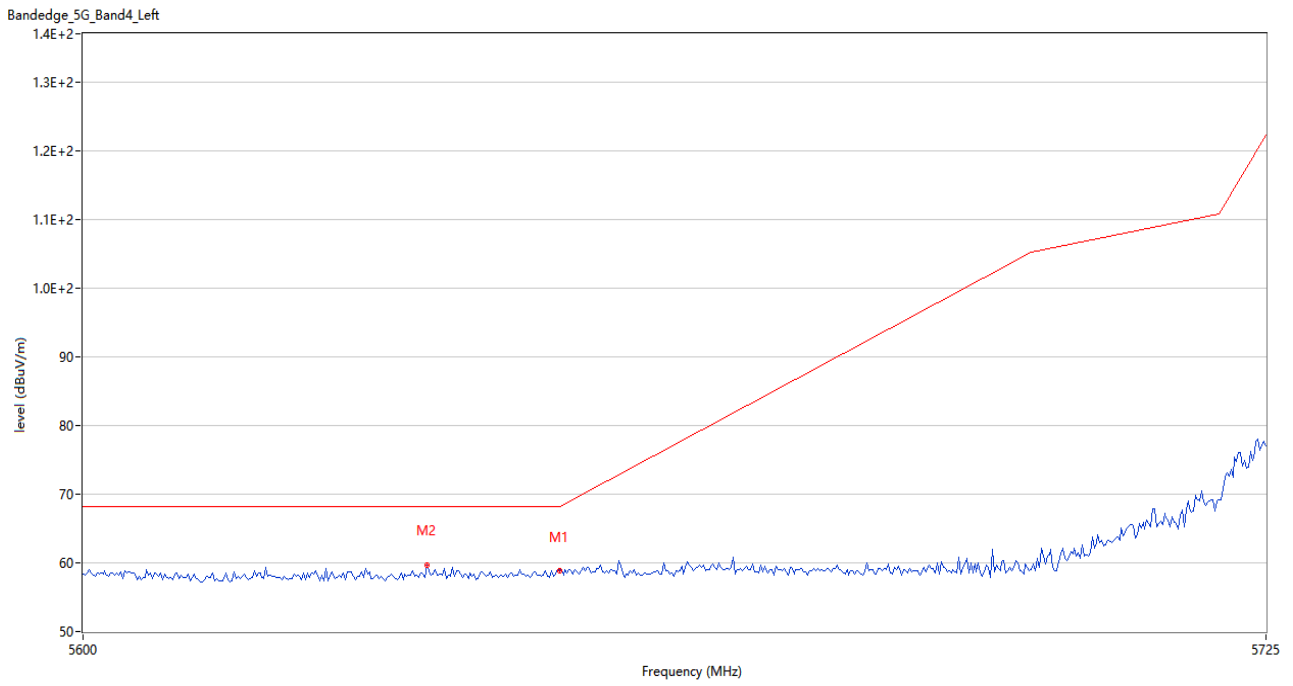
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.60	2.91	68.2	-9.60	Peak	237.00	150	Horizontal	Pass
2	5646.250	59.49	2.52	68.2	-8.71	Peak	6.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



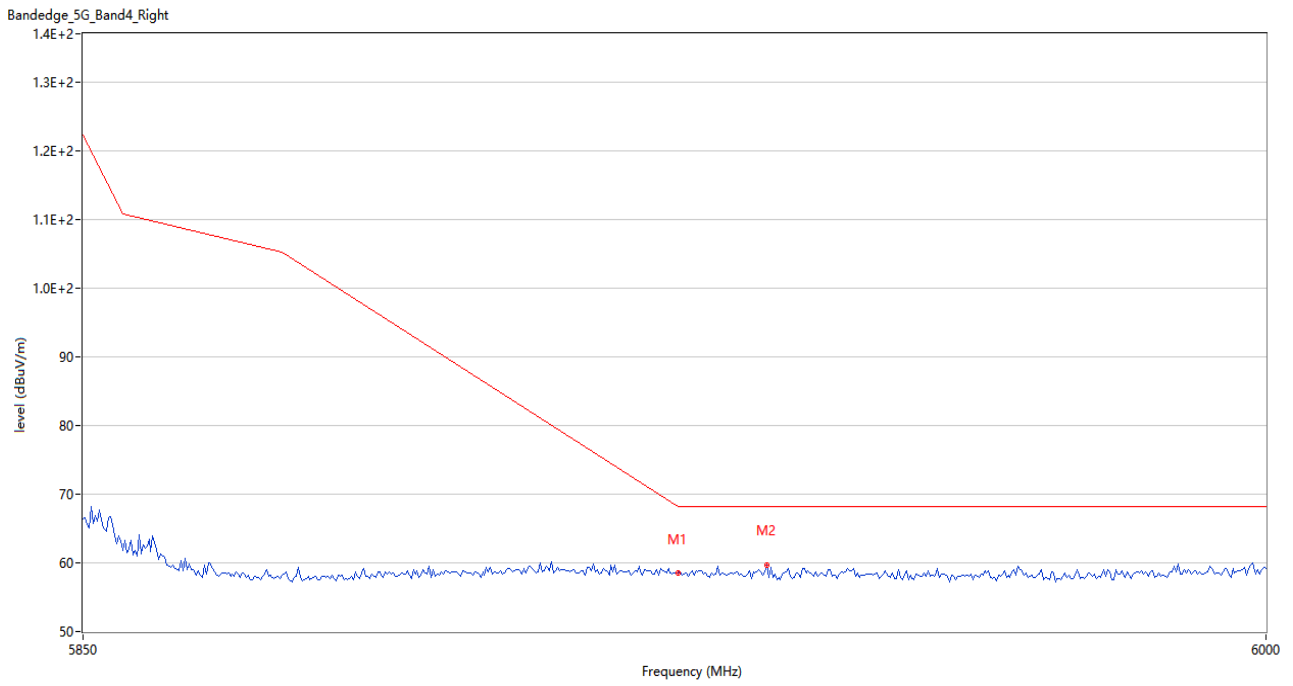
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.52	3.02	68.2	-9.68	Peak	179.00	150	Horizontal	Pass
2	5939.750	59.79	2.96	68.2	-8.41	Peak	71.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



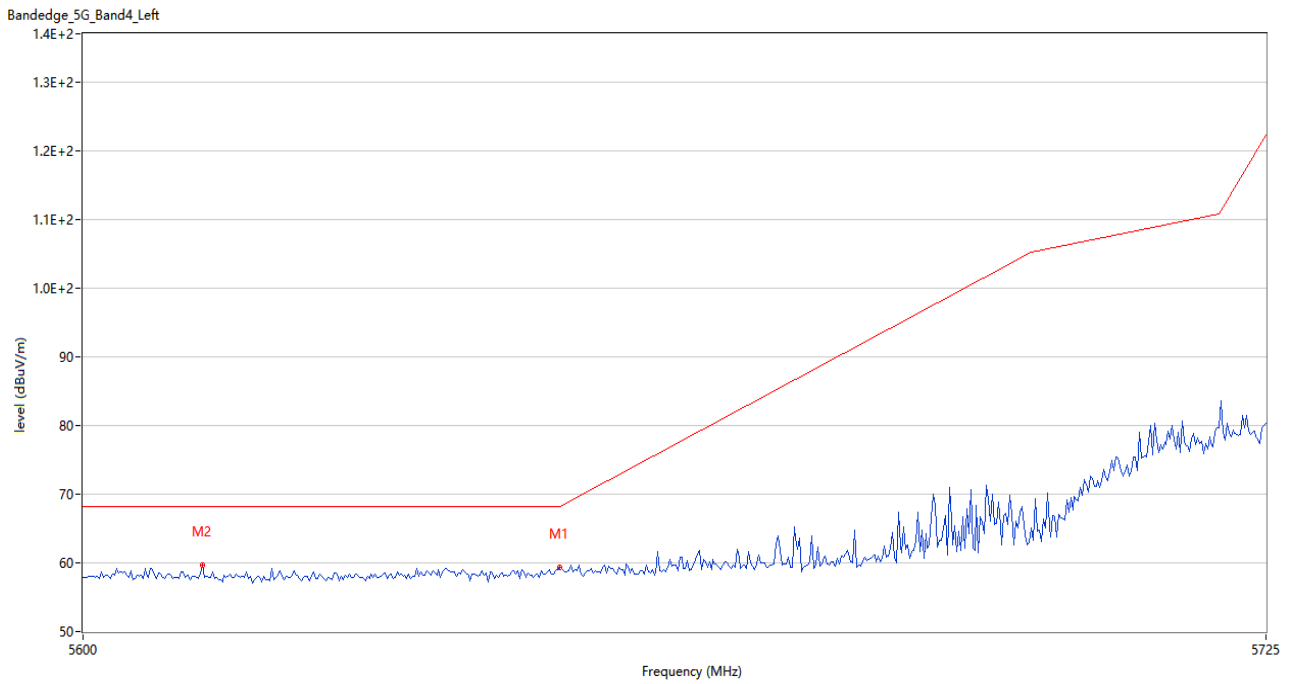
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.80	2.91	68.2	-9.40	Peak	360.00	150	Horizontal	Pass
2	5636.042	59.74	2.72	68.2	-8.46	Peak	58.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



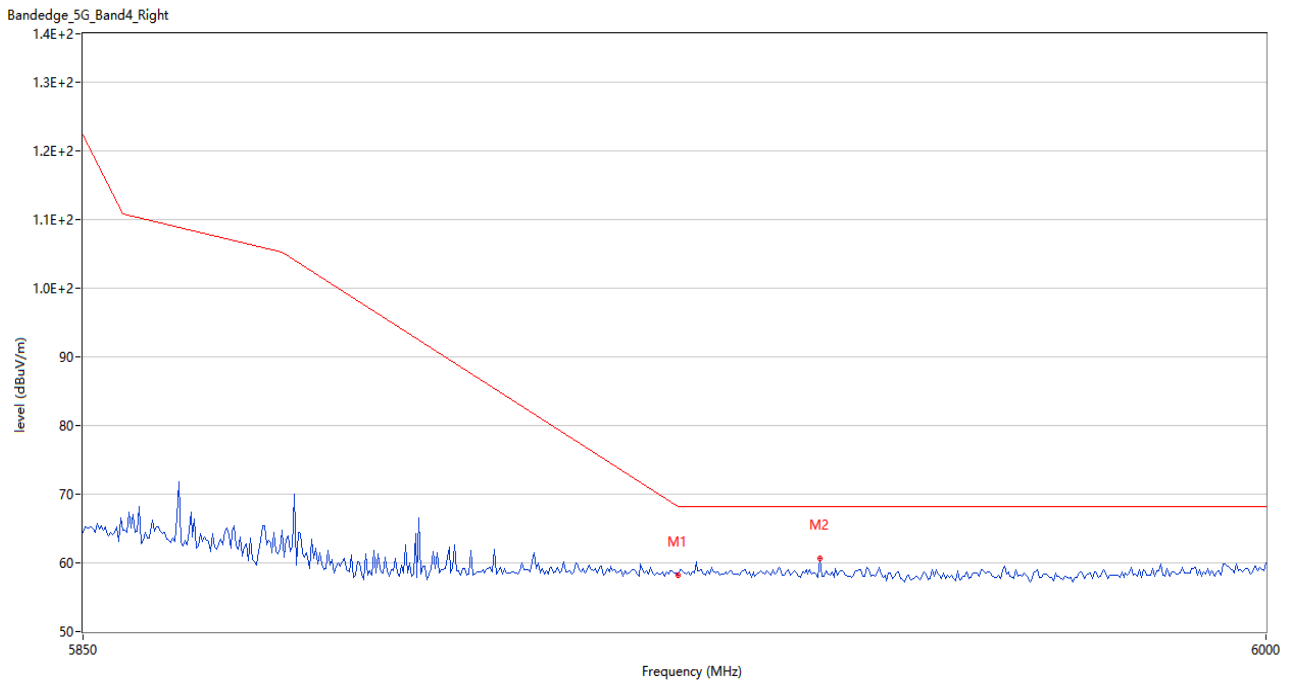
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.46	3.02	68.2	-9.74	Peak	150.00	150	Horizontal	Pass
2	5936.250	59.69	2.92	68.2	-8.51	Peak	26.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



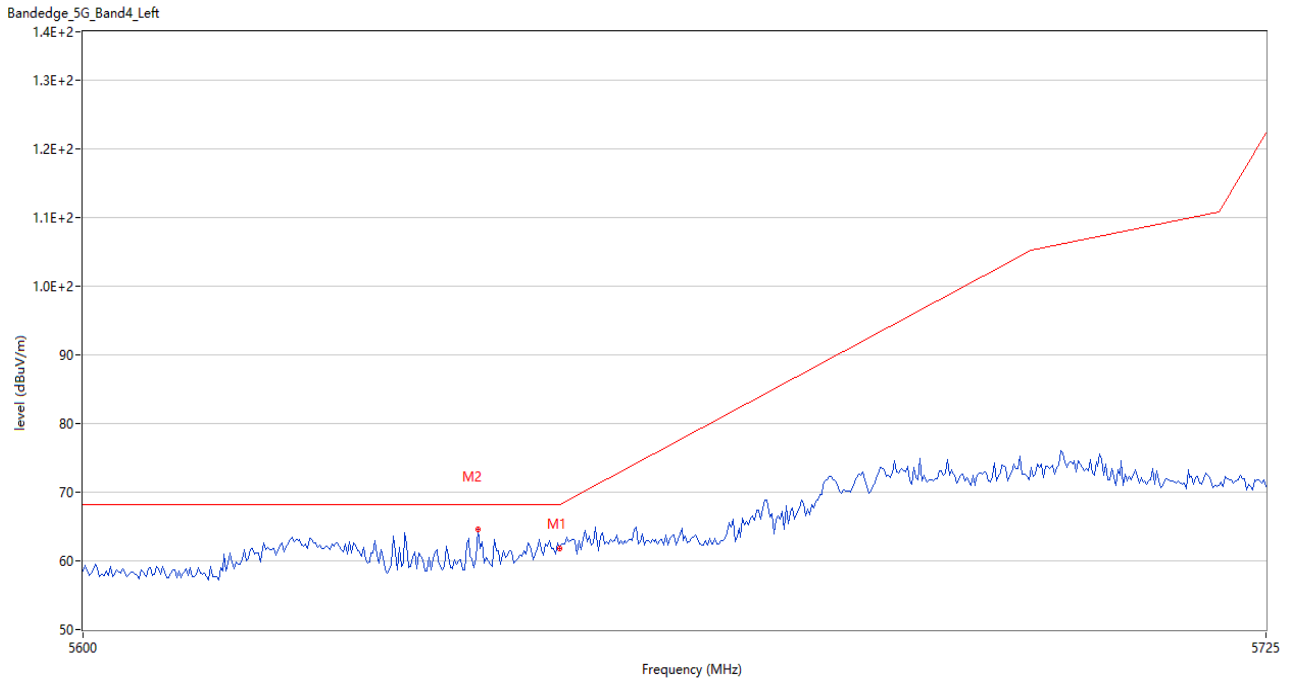
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.30	2.91	68.2	-8.90	Peak	52.00	150	Horizontal	Pass
2	5612.500	59.68	2.40	68.2	-8.52	Peak	359.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



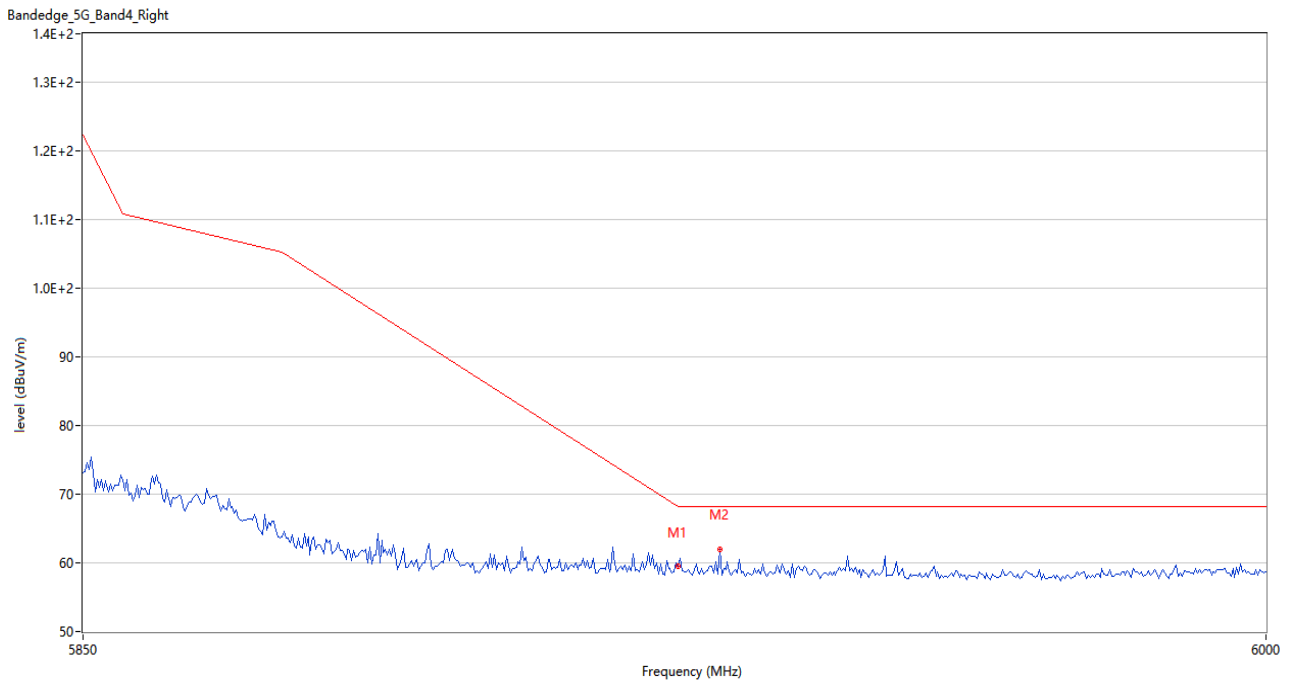
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.12	3.02	68.2	-10.08	Peak	67.00	150	Horizontal	Pass
2	5943.000	60.61	2.89	68.2	-7.59	Peak	273.00	150	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	61.77	2.91	68.2	-6.43	Peak	0.00	150	Horizontal	Pass
2	5641.459	64.65	2.54	68.2	-3.55	Peak	1.00	150	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.43	3.02	68.2	-8.77	Peak	15.00	150	Horizontal	Pass
2	5930.250	62.02	2.98	68.2	-6.18	Peak	165.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ21A0154-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ21A0154-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ21A0154-AI.PDF".

--END OF REPORT--