

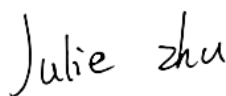
TEST REPORT

Applicant: REOLINK INNOVATION LIMITED
Address: FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG
Equipment Type: WiFi IP Camera
Model Name: E1 Outdoor CX (refer to section 2.3)
Brand Name: Reolink
FCC ID: 2AYHE-2310E
ISED Number: 26839-2310E
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Mar. 26, 2024
Test Date: May 28, 2024 - Jun. 11, 2024
Date of Issue: Jun. 21, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu



Checked by: Ye Hongji



Approved by: Liao Jianming
(Technical Director)



Revision History		
<u>Version</u>	<u>Issue Date</u>	<u>Revisions</u>
<u>Rev. 01</u>	<u>Jun. 21, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.2 Manufacturer Information

Manufacturer	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	WiFi IP Camera
Model Name Under Test	E1 Outdoor CX
Series Model Name	E Series E530X
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Serial Number	952700Y100106HR7
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BLE) 2.4G WIFI 802.11b, 802.11g and 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) 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	
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: 19.41 mW U-NII-2A: 19.50 mW U-NII-2C: 20.09 mW U-NII-3: 19.28 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac	
Antenna Type	SISO-Antenna A	FPC Antenna
	SISO-Antenna B	
Antenna Gain	SISO-Antenna A	3.9 dBi
	SISO-Antenna B	
Total directional gain	For power spectral density(PSD) measurement	Correlated: 6.91 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: 3.90 dBi

	nts	Formulas: Directional gain = $GANT$
	For power measurements	Correlated: 6.91 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: 3.90 dBi Formulas: Directional gain = $GANT$
About the Product		The equipment is Dongle, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Antenna A	SISO-Antenna B	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√

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

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
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 (5470 - 5725 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	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
6	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test 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	44% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.3°C to +24.2°C
	LT (Low Temperature)	-10.0°C
	HT (High Temperature)	+40.0°C
Working Voltage of the EUT	NV (Normal Voltage)	12.0 V
	LV (Low Voltage)	10.8 V
	HV (High Voltage)	13.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-1 2G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18 G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7. 35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Amplifier	COM-MV	ZT30-1000M	B2017119082	2023.12.05	2024.12.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic	3.5m*3.1m*2.8	112	2022.02.19	2025.02.18

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
	Co., Ltd	m			

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

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

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

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

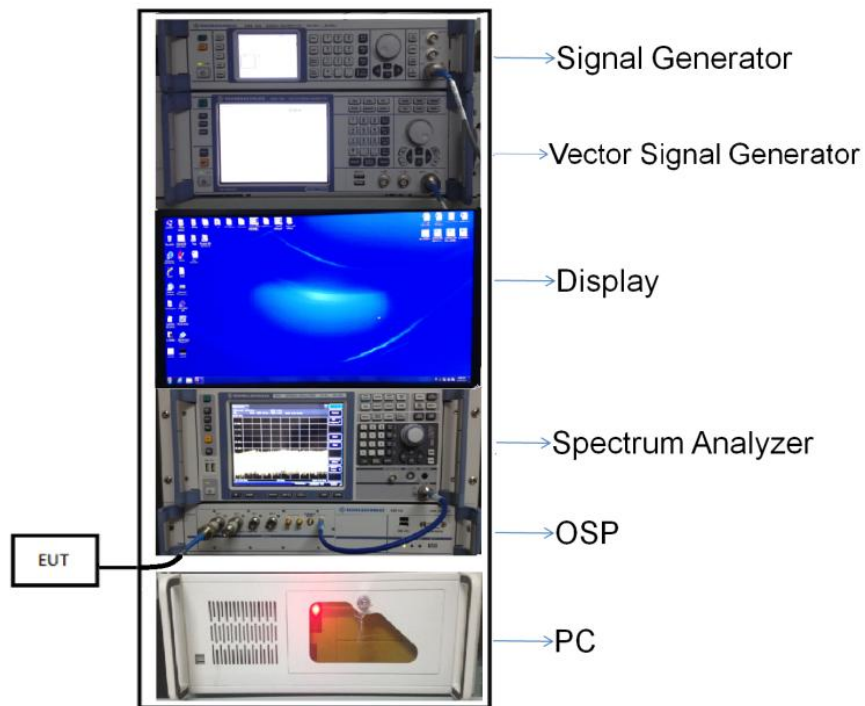
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

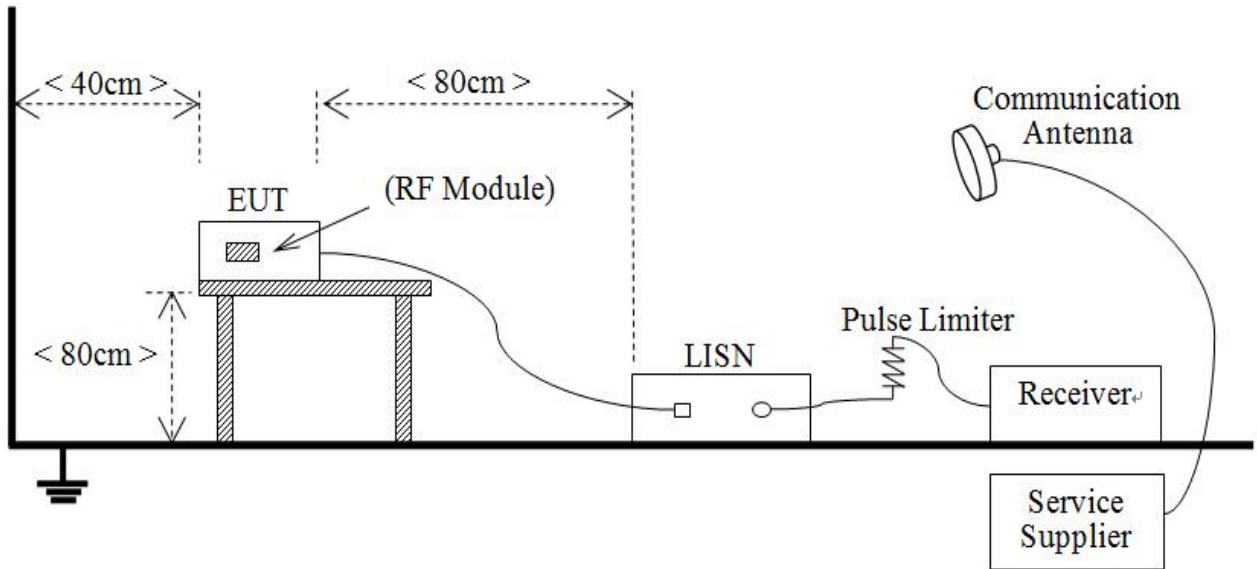
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



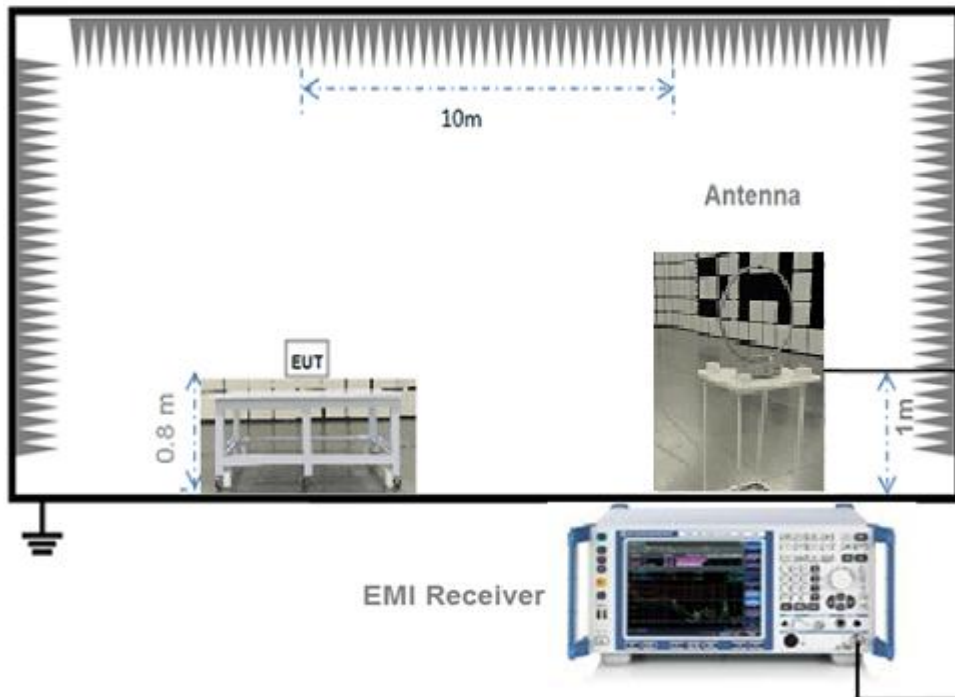
(Diagram 1)

4.5.2 For AC Power Supply Port Test



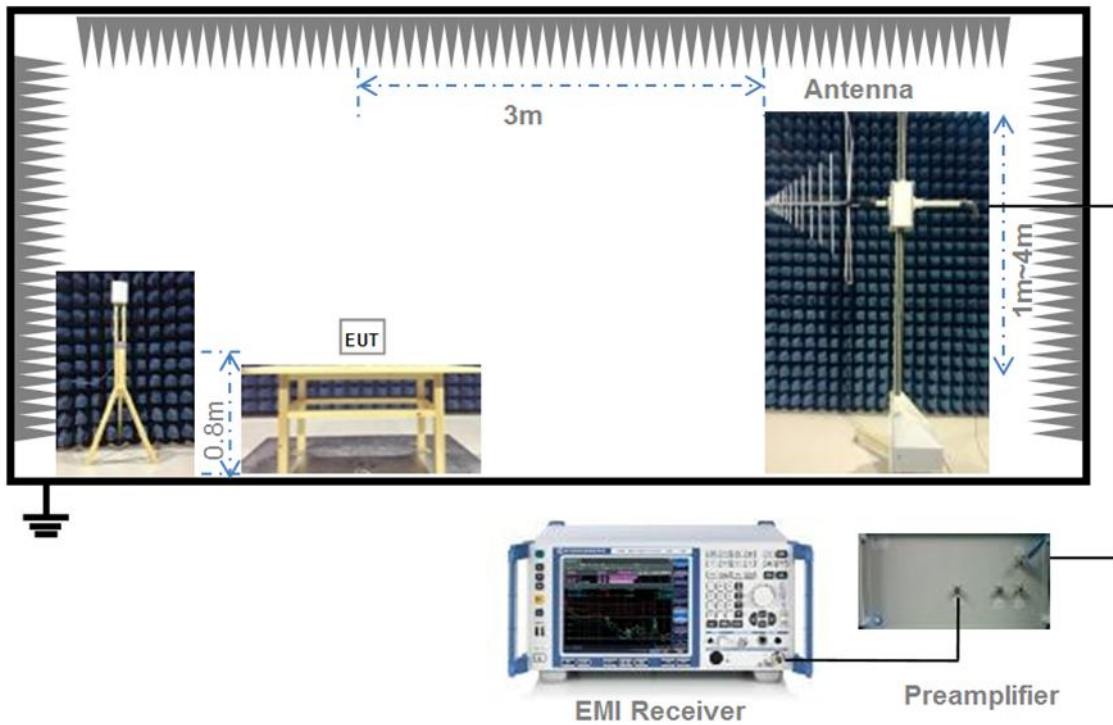
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



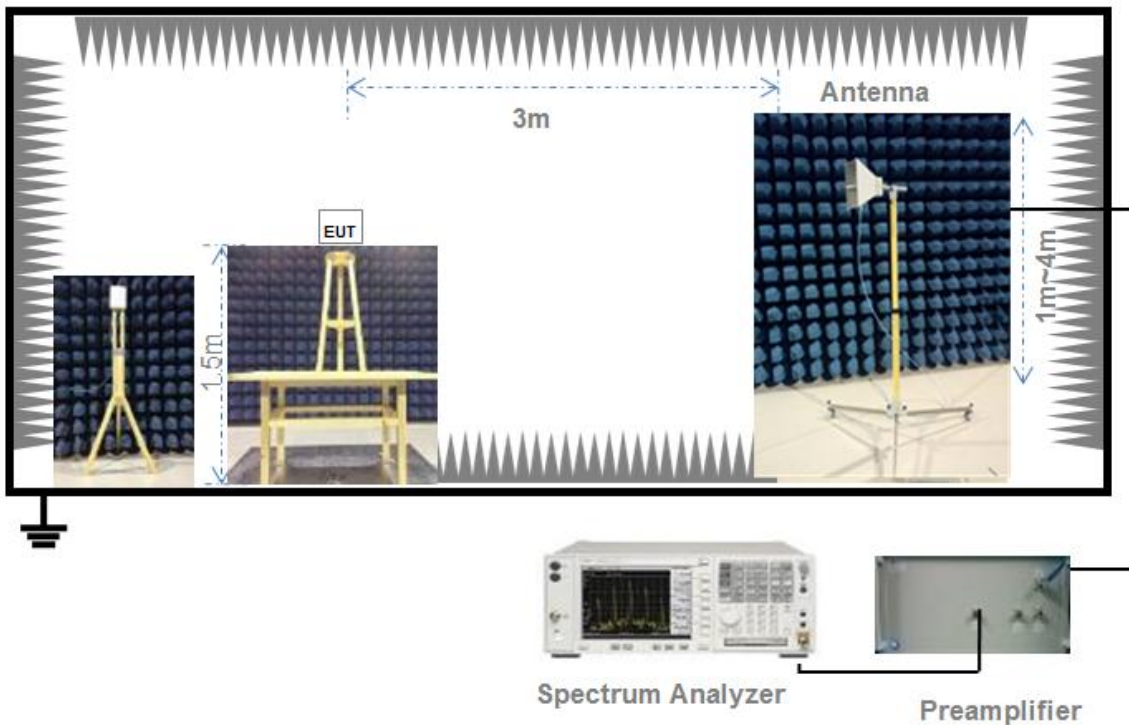
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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
Note1: Where "B" is the 99% emissions bandwidth in MHz.	
Note2: EIRP= maximum conducted output power+ Antenna Gain.	

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.
- c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
- d) Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.

Set $VBW \geq RBW$. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A
e.i.r.p. spectral density= maximum power spectral density+ Antenna Gain.	

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated

measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.02	2.25	89.66%	0.47
11n (HT20)/11ac (VHT20)	1.89	2.11	89.26%	0.49
11n (HT40)/11ac (VHT40)	0.93	1.15	80.30%	0.95
11ac (VHT80)	0.93	1.16	80.32%	0.95

Test DataSISO-Antenna AConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.47	17.66	250	Pass
11a	CH44	12.39	17.34	250	Pass
11a	CH48	12.38	17.30	250	Pass
11n (HT20)	CH36	12.54	17.95	250	Pass
11n (HT20)	CH44	12.66	18.45	250	Pass
11n (HT20)	CH48	12.22	16.67	250	Pass
11n (HT40)	CH38	12.71	18.66	250	Pass
11n (HT40)	CH46	12.68	18.54	250	Pass
11ac (VHT20)	CH36	12.56	18.03	250	Pass
11ac (VHT20)	CH44	12.46	17.62	250	Pass
11ac (VHT20)	CH48	12.39	17.34	250	Pass
11ac (VHT40)	CH38	12.62	18.28	250	Pass
11ac (VHT40)	CH46	12.55	17.99	250	Pass
11ac (VHT80)	CH42	12.30	16.98	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	12.60	18.20	233	205	Pass
11a	CH60	12.50	17.78	233	205	Pass
11a	CH64	12.43	17.50	233	205	Pass
11n (HT20)	CH52	12.50	17.78	232	205	Pass
11n (HT20)	CH60	12.55	17.99	233	205	Pass
11n (HT20)	CH64	12.52	17.86	233	205	Pass
11n (HT40)	CH54	12.70	18.62	250	250	Pass
11n (HT40)	CH62	12.70	18.62	250	250	Pass
11ac (VHT20)	CH52	12.52	17.86	245	220	Pass
11ac (VHT20)	CH60	12.44	17.54	245	220	Pass
11ac (VHT20)	CH64	12.39	17.34	245	220	Pass
11ac (VHT40)	CH54	12.67	18.49	250	250	Pass
11ac (VHT40)	CH62	12.69	18.58	250	250	Pass
11ac (VHT80)	CH58	12.47	17.66	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.83	19.19	233	205	Pass
11a	CH116	12.45	17.58	232	205	Pass
11a	CH140	12.53	17.91	232	205	Pass
11n (HT20)	CH100	12.69	18.58	233	205	Pass
11n (HT20)	CH116	12.38	17.30	233	205	Pass
11n (HT20)	CH140	12.45	17.58	233	205	Pass
11n (HT40)	CH102	12.74	18.79	250	250	Pass
11n (HT40)	CH118	12.56	18.03	250	250	Pass
11n (HT40)	CH134	12.51	17.82	250	250	Pass
11ac (VHT20)	CH100	12.88	19.41	245	220	Pass
11ac (VHT20)	CH116	12.55	17.99	245	220	Pass
11ac (VHT20)	CH140	12.53	17.91	246	220	Pass
11ac (VHT40)	CH102	12.72	18.71	250	250	Pass
11ac (VHT40)	CH118	12.57	18.07	250	250	Pass
11ac (VHT40)	CH134	12.54	17.95	250	250	Pass
11ac (VHT80)	CH106	12.56	18.03	250	250	Pass
11ac (VHT80)	CH122	12.39	17.34	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC&IC Limit (mW)	Verdict
11a	CH149	12.49	17.74	1000	Pass
11a	CH157	12.60	18.20	1000	Pass
11a	CH165	12.38	17.30	1000	Pass
11n (HT20)	CH149	12.76	18.88	1000	Pass
11n (HT20)	CH157	12.66	18.45	1000	Pass
11n (HT20)	CH165	12.66	18.45	1000	Pass
11n (HT40)	CH151	12.84	19.23	1000	Pass
11n (HT40)	CH159	12.85	19.28	1000	Pass
11ac (VHT20)	CH149	12.54	17.95	1000	Pass
11ac (VHT20)	CH157	12.62	18.28	1000	Pass
11ac (VHT20)	CH165	12.59	18.16	1000	Pass
11ac (VHT40)	CH151	12.66	18.45	1000	Pass
11ac (VHT40)	CH159	12.68	18.54	1000	Pass
11ac (VHT80)	CH155	12.40	17.38	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	16.37	43.35	163	Pass
11a	CH44	16.29	42.56	163	Pass
11a	CH48	16.28	42.46	163	Pass
11n (HT20)	CH36	16.44	44.06	163	Pass
11n (HT20)	CH44	16.56	45.29	163	Pass
11n (HT20)	CH48	16.12	40.93	163	Pass
11n (HT40)	CH38	16.61	45.81	200	Pass
11n (HT40)	CH46	16.58	45.50	200	Pass
11ac (VHT20)	CH36	16.46	44.26	175	Pass
11ac (VHT20)	CH44	16.36	43.25	175	Pass
11ac (HVT20)	CH48	16.29	42.56	175	Pass
11ac (VHT40)	CH38	16.52	44.87	200	Pass
11ac (VHT40)	CH46	16.45	44.16	200	Pass
11ac (VHT80)	CH42	16.20	41.69	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	16.50	44.67	818	Pass
11a	CH60	16.40	43.65	818	Pass
11a	CH64	16.33	42.95	818	Pass
11n (HT20)	CH52	16.40	43.65	818	Pass
11n (HT20)	CH60	16.45	44.16	818	Pass
11n (HT20)	CH64	16.42	43.85	818	Pass
11n (HT40)	CH54	16.60	45.71	1000	Pass
11n (HT40)	CH62	16.60	45.71	1000	Pass
11ac (VHT20)	CH52	16.42	43.85	877	Pass
11ac (VHT20)	CH60	16.34	43.05	877	Pass
11ac (HVT20)	CH64	16.29	42.56	877	Pass
11ac (VHT40)	CH54	16.57	45.39	1000	Pass
11ac (VHT40)	CH62	16.59	45.60	1000	Pass
11ac (VHT80)	CH58	16.37	43.35	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	16.73	47.10	817	Pass
11a	CH116	16.35	43.15	818	Pass
11a	CH140	16.43	43.95	818	Pass
11n (HT20)	CH100	16.59	45.60	817	Pass
11n (HT20)	CH116	16.28	42.46	818	Pass
11n (HT20)	CH140	16.35	43.15	818	Pass
11n (HT40)	CH102	16.64	46.13	1000	Pass
11n (HT40)	CH118	16.46	44.26	1000	Pass
11n (HT40)	CH134	16.41	43.75	1000	Pass
11ac (VHT20)	CH100	16.78	47.64	877	Pass
11ac (VHT20)	CH116	16.45	44.16	877	Pass
11ac (VHT20)	CH140	16.43	43.95	877	Pass
11ac (VHT40)	CH102	16.62	45.92	1000	Pass
11ac (VHT40)	CH118	16.47	44.36	1000	Pass
11ac (VHT40)	CH134	16.44	44.06	1000	Pass
11ac (VHT80)	CH106	16.46	44.26	1000	Pass
11ac (VHT80)	CH122	16.29	42.56	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	16.39	43.55	Pass
11a	CH157	16.50	44.67	Pass
11a	CH165	16.28	42.46	Pass
11n (HT20)	CH149	16.66	46.34	Pass
11n (HT20)	CH157	16.56	45.29	Pass
11n (HT20)	CH165	16.56	45.29	Pass
11n (HT40)	CH151	16.74	47.21	Pass
11n (HT40)	CH159	16.75	47.32	Pass
11ac (VHT20)	CH149	16.44	44.06	Pass
11ac (VHT20)	CH157	16.52	44.87	Pass
11ac (VHT20)	CH165	16.49	44.57	Pass
11ac (VHT40)	CH151	16.56	45.29	Pass
11ac (VHT40)	CH159	16.58	45.50	Pass
11ac (VHT80)	CH155	16.30	42.66	Pass

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Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.27	16.87	250	Pass
11a	CH44	12.39	17.34	250	Pass
11a	CH48	12.38	17.30	250	Pass
11n (HT20)	CH36	12.54	17.95	250	Pass
11n (HT20)	CH44	12.56	18.03	250	Pass
11n (HT20)	CH48	12.12	16.29	250	Pass
11n (HT40)	CH38	12.81	19.10	250	Pass
11n (HT40)	CH46	12.88	19.41	250	Pass
11ac (VHT20)	CH36	12.56	18.03	250	Pass
11ac (VHT20)	CH44	12.56	18.03	250	Pass
11ac (VHT20)	CH48	12.09	16.18	250	Pass
11ac (VHT40)	CH38	12.72	18.71	250	Pass
11ac (VHT40)	CH46	12.75	18.84	250	Pass
11ac (VHT80)	CH42	12.50	17.78	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	12.40	17.38	233	205	Pass
11a	CH60	12.40	17.38	233	205	Pass
11a	CH64	12.13	16.33	233	205	Pass
11n (HT20)	CH52	12.40	17.38	232	205	Pass
11n (HT20)	CH60	12.15	16.41	233	205	Pass
11n (HT20)	CH64	12.22	16.67	233	205	Pass
11n (HT40)	CH54	12.60	18.20	250	250	Pass
11n (HT40)	CH62	12.90	19.50	250	250	Pass
11ac (VHT20)	CH52	12.32	17.06	245	220	Pass
11ac (VHT20)	CH60	12.64	18.37	245	220	Pass
11ac (VHT20)	CH64	12.19	16.56	245	220	Pass
11ac (VHT40)	CH54	12.67	18.49	250	250	Pass
11ac (VHT40)	CH62	12.39	17.34	250	250	Pass
11ac (VHT80)	CH58	12.27	16.87	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	13.03	20.09	233	205	Pass
11a	CH116	12.65	18.41	232	205	Pass
11a	CH140	12.63	18.32	232	205	Pass
11n (HT20)	CH100	12.49	17.74	233	205	Pass
11n (HT20)	CH116	12.18	16.52	233	205	Pass
11n (HT20)	CH140	12.55	17.99	233	205	Pass
11n (HT40)	CH102	12.44	17.54	250	250	Pass
11n (HT40)	CH118	12.66	18.45	250	250	Pass
11n (HT40)	CH134	12.51	17.82	250	250	Pass
11ac (VHT20)	CH100	12.58	18.11	245	220	Pass
11ac (VHT20)	CH116	12.35	17.18	245	220	Pass
11ac (VHT20)	CH140	12.73	18.75	246	220	Pass
11ac (VHT40)	CH102	12.42	17.46	250	250	Pass
11ac (VHT40)	CH118	12.27	16.87	250	250	Pass
11ac (VHT40)	CH134	12.54	17.95	250	250	Pass
11ac (VHT80)	CH106	12.66	18.45	250	250	Pass
11ac (VHT80)	CH122	12.19	16.56	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC&IC Limit (mW)	Verdict
11a	CH149	12.09	16.18	1000	Pass
11a	CH157	12.80	19.05	1000	Pass
11a	CH165	12.48	17.70	1000	Pass
11n (HT20)	CH149	12.36	17.22	1000	Pass
11n (HT20)	CH157	12.36	17.22	1000	Pass
11n (HT20)	CH165	12.76	18.88	1000	Pass
11n (HT40)	CH151	12.44	17.54	1000	Pass
11n (HT40)	CH159	12.75	18.84	1000	Pass
11ac (VHT20)	CH149	12.44	17.54	1000	Pass
11ac (VHT20)	CH157	12.42	17.46	1000	Pass
11ac (VHT20)	CH165	12.69	18.58	1000	Pass
11ac (VHT40)	CH151	12.56	18.03	1000	Pass
11ac (VHT40)	CH159	12.38	17.30	1000	Pass
11ac (VHT80)	CH155	12.00	15.85	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	16.17	41.40	163	Pass
11a	CH44	16.29	42.56	163	Pass
11a	CH48	16.28	42.46	163	Pass
11n (HT20)	CH36	16.44	44.06	163	Pass
11n (HT20)	CH44	16.46	44.26	163	Pass
11n (HT20)	CH48	16.02	39.99	163	Pass
11n (HT40)	CH38	16.71	46.88	200	Pass
11n (HT40)	CH46	16.78	47.64	200	Pass
11ac (VHT20)	CH36	16.46	44.26	175	Pass
11ac (VHT20)	CH44	16.46	44.26	175	Pass
11ac (HVT20)	CH48	15.99	39.72	175	Pass
11ac (VHT40)	CH38	16.62	45.92	200	Pass
11ac (VHT40)	CH46	16.65	46.24	200	Pass
11ac (VHT80)	CH42	16.40	43.65	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	16.30	42.66	818	Pass
11a	CH60	16.30	42.66	818	Pass
11a	CH64	16.03	40.09	818	Pass
11n (HT20)	CH52	16.30	42.66	818	Pass
11n (HT20)	CH60	16.05	40.27	818	Pass
11n (HT20)	CH64	16.12	40.93	818	Pass
11n (HT40)	CH54	16.50	44.67	1000	Pass
11n (HT40)	CH62	16.80	47.86	1000	Pass
11ac (VHT20)	CH52	16.22	41.88	877	Pass
11ac (VHT20)	CH60	16.54	45.08	877	Pass
11ac (HVT20)	CH64	16.09	40.64	877	Pass
11ac (VHT40)	CH54	16.57	45.39	1000	Pass
11ac (VHT40)	CH62	16.29	42.56	1000	Pass
11ac (VHT80)	CH58	16.17	41.40	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	16.93	49.32	817	Pass
11a	CH116	16.55	45.19	818	Pass
11a	CH140	16.53	44.98	818	Pass
11n (HT20)	CH100	16.39	43.55	817	Pass
11n (HT20)	CH116	16.08	40.55	818	Pass
11n (HT20)	CH140	16.45	44.16	818	Pass
11n (HT40)	CH102	16.34	43.05	1000	Pass
11n (HT40)	CH118	16.56	45.29	1000	Pass
11n (HT40)	CH134	16.41	43.75	1000	Pass
11ac (VHT20)	CH100	16.48	44.46	877	Pass
11ac (VHT20)	CH116	16.25	42.17	877	Pass
11ac (VHT20)	CH140	16.63	46.03	877	Pass
11ac (VHT40)	CH102	16.32	42.85	1000	Pass
11ac (VHT40)	CH118	16.17	41.40	1000	Pass
11ac (VHT40)	CH134	16.44	44.06	1000	Pass
11ac (VHT80)	CH106	16.56	45.29	1000	Pass
11ac (VHT80)	CH122	16.09	40.64	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	15.99	39.72	Pass
11a	CH157	16.70	46.77	Pass
11a	CH165	16.38	43.45	Pass
11n (HT20)	CH149	16.26	42.27	Pass
11n (HT20)	CH157	16.26	42.27	Pass
11n (HT20)	CH165	16.66	46.34	Pass
11n (HT40)	CH151	16.34	43.05	Pass
11n (HT40)	CH159	16.65	46.24	Pass
11ac (VHT20)	CH149	16.34	43.05	Pass
11ac (VHT20)	CH157	16.32	42.85	Pass
11ac (VHT20)	CH165	16.59	45.60	Pass
11ac (VHT40)	CH151	16.46	44.26	Pass
11ac (VHT40)	CH159	16.28	42.46	Pass
11ac (VHT80)	CH155	15.90	38.90	Pass

MIMO-Antenna AConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	8.97	7.89	202.77	Pass
11a	CH44	8.99	7.93	202.77	Pass
11a	CH48	8.99	7.93	202.77	Pass
11n (HT20)	CH36	9.18	8.28	250	Pass
11n (HT20)	CH44	9.07	8.07	250	Pass
11n (HT20)	CH48	9.08	8.09	250	Pass
11n (HT40)	CH38	9.15	8.22	250	Pass
11n (HT40)	CH46	9.07	8.07	250	Pass
11ac (VHT20)	CH36	8.92	7.80	250	Pass
11ac (VHT20)	CH44	9.11	8.15	250	Pass
11ac (VHT20)	CH48	9.10	8.13	250	Pass
11ac (VHT40)	CH38	8.98	7.91	250	Pass
11ac (VHT40)	CH46	8.92	7.80	250	Pass
11ac (VHT80)	CH42	8.96	7.87	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	9.11	8.15	188.80	205	Pass
11a	CH60	8.88	7.73	188.80	205	Pass
11a	CH64	9.03	8.00	188.80	205	Pass
11n (HT20)	CH52	9.10	8.13	232	205	Pass
11n (HT20)	CH60	8.80	7.59	233	205	Pass
11n (HT20)	CH64	8.99	7.93	233	205	Pass
11n (HT40)	CH54	9.11	8.15	250	250	Pass
11n (HT40)	CH62	8.94	7.83	250	250	Pass
11ac (VHT20)	CH52	9.00	7.94	245	220	Pass
11ac (VHT20)	CH60	8.87	7.71	245	220	Pass
11ac (VHT20)	CH64	9.14	8.20	245	220	Pass
11ac (VHT40)	CH54	8.95	7.85	250	250	Pass
11ac (VHT40)	CH62	8.97	7.89	250	250	Pass
11ac (VHT80)	CH58	8.96	7.87	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	9.01	7.96	188.80	205	Pass
11a	CH116	9.09	8.11	187.93	205	Pass
11a	CH140	8.93	7.82	187.93	205	Pass
11n (HT20)	CH100	9.08	8.09	233	205	Pass
11n (HT20)	CH116	8.96	7.87	233	205	Pass
11n (HT20)	CH140	8.91	7.78	233	205	Pass
11n (HT40)	CH102	8.92	7.80	250	250	Pass
11n (HT40)	CH118	9.17	8.26	250	250	Pass
11n (HT40)	CH134	9.02	7.98	250	250	Pass
11ac (VHT20)	CH100	9.02	7.98	245	220	Pass
11ac (VHT20)	CH116	9.12	8.17	245	220	Pass
11ac (VHT20)	CH140	8.97	7.89	246	220	Pass
11ac (VHT40)	CH102	9.18	8.28	250	250	Pass
11ac (VHT40)	CH118	9.13	8.18	250	250	Pass
11ac (VHT40)	CH134	8.82	7.62	250	250	Pass
11ac (VHT80)	CH106	9.05	8.04	250	250	Pass
11ac (VHT80)	CH122	8.99	7.93	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC&IC Limit (mW)	Verdict
11a	CH149	8.98	7.91	810.96	Pass
11a	CH157	8.97	7.89	810.96	Pass
11a	CH165	9.04	8.02	810.96	Pass
11n (HT20)	CH149	9.13	8.18	1000	Pass
11n (HT20)	CH157	9.03	8.00	1000	Pass
11n (HT20)	CH165	9.06	8.05	1000	Pass
11n (HT40)	CH151	9.09	8.11	1000	Pass
11n (HT40)	CH159	9.16	8.24	1000	Pass
11ac (VHT20)	CH149	9.07	8.07	1000	Pass
11ac (VHT20)	CH157	9.12	8.17	1000	Pass
11ac (VHT20)	CH165	9.07	8.07	1000	Pass
11ac (VHT40)	CH151	8.96	7.87	1000	Pass
11ac (VHT40)	CH159	8.96	7.87	1000	Pass
11ac (VHT80)	CH155	8.99	7.93	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	12.87	19.36	163	Pass
11a	CH44	12.89	19.45	163	Pass
11a	CH48	12.89	19.45	163	Pass
11n (HT20)	CH36	13.08	20.32	163	Pass
11n (HT20)	CH44	12.97	19.82	163	Pass
11n (HT20)	CH48	12.98	19.86	163	Pass
11n (HT40)	CH38	13.05	20.18	200	Pass
11n (HT40)	CH46	12.97	19.82	200	Pass
11ac (VHT20)	CH36	12.82	19.14	175	Pass
11ac (VHT20)	CH44	13.01	20.00	175	Pass
11ac (HVT20)	CH48	13.00	19.95	175	Pass
11ac (VHT40)	CH38	12.88	19.41	200	Pass
11ac (VHT40)	CH46	12.82	19.14	200	Pass
11ac (VHT80)	CH42	12.86	19.32	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	13.01	20.00	818	Pass
11a	CH60	12.78	18.97	818	Pass
11a	CH64	12.93	19.63	818	Pass
11n (HT20)	CH52	13.00	19.95	818	Pass
11n (HT20)	CH60	12.70	18.62	818	Pass
11n (HT20)	CH64	12.89	19.45	818	Pass
11n (HT40)	CH54	13.01	20.00	1000	Pass
11n (HT40)	CH62	12.84	19.23	1000	Pass
11ac (VHT20)	CH52	12.90	19.50	877	Pass
11ac (VHT20)	CH60	12.77	18.92	877	Pass
11ac (HVT20)	CH64	13.04	20.14	877	Pass
11ac (VHT40)	CH54	12.85	19.28	1000	Pass
11ac (VHT40)	CH62	12.87	19.36	1000	Pass
11ac (VHT80)	CH58	12.86	19.32	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	12.91	19.54	817	Pass
11a	CH116	12.99	19.91	818	Pass
11a	CH140	12.83	19.19	818	Pass
11n (HT20)	CH100	12.98	19.86	817	Pass
11n (HT20)	CH116	12.86	19.32	818	Pass
11n (HT20)	CH140	12.81	19.10	818	Pass
11n (HT40)	CH102	12.82	19.14	1000	Pass
11n (HT40)	CH118	13.07	20.28	1000	Pass
11n (HT40)	CH134	12.92	19.59	1000	Pass
11ac (VHT20)	CH100	12.92	19.59	877	Pass
11ac (VHT20)	CH116	13.02	20.04	877	Pass
11ac (VHT20)	CH140	12.87	19.36	877	Pass
11ac (VHT40)	CH102	13.08	20.32	1000	Pass
11ac (VHT40)	CH118	13.03	20.09	1000	Pass
11ac (VHT40)	CH134	12.72	18.71	1000	Pass
11ac (VHT80)	CH106	12.95	19.72	1000	Pass
11ac (VHT80)	CH122	12.89	19.45	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	12.88	19.41	Pass
11a	CH157	12.87	19.36	Pass
11a	CH165	12.94	19.68	Pass
11n (HT20)	CH149	13.03	20.09	Pass
11n (HT20)	CH157	12.93	19.63	Pass
11n (HT20)	CH165	12.96	19.77	Pass
11n (HT40)	CH151	12.99	19.91	Pass
11n (HT40)	CH159	13.06	20.23	Pass
11ac (VHT20)	CH149	12.97	19.82	Pass
11ac (VHT20)	CH157	13.02	20.04	Pass
11ac (VHT20)	CH165	12.97	19.82	Pass
11ac (VHT40)	CH151	12.86	19.32	Pass
11ac (VHT40)	CH159	12.86	19.32	Pass
11ac (VHT80)	CH155	12.89	19.45	Pass

MIMO-Antenna B
Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	8.87	7.71	202.77	Pass
11a	CH44	8.59	7.23	202.77	Pass
11a	CH48	8.99	7.93	202.77	Pass
11n (HT20)	CH36	8.88	7.73	250	Pass
11n (HT20)	CH44	8.57	7.19	250	Pass
11n (HT20)	CH48	8.88	7.73	250	Pass
11n (HT40)	CH38	8.85	7.67	250	Pass
11n (HT40)	CH46	8.47	7.03	250	Pass
11ac (VHT20)	CH36	8.72	7.45	250	Pass
11ac (VHT20)	CH44	8.61	7.26	250	Pass
11ac (VHT20)	CH48	8.80	7.59	250	Pass
11ac (VHT40)	CH38	8.68	7.38	250	Pass
11ac (VHT40)	CH46	8.42	6.95	250	Pass
11ac (VHT80)	CH42	8.96	7.87	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	9.11	8.15	188.80	205	Pass
11a	CH60	8.78	7.55	188.80	205	Pass
11a	CH64	9.03	8.00	188.80	205	Pass
11n (HT20)	CH52	9.00	7.94	232	205	Pass
11n (HT20)	CH60	8.40	6.92	233	205	Pass
11n (HT20)	CH64	8.69	7.40	233	205	Pass
11n (HT40)	CH54	9.01	7.96	250	250	Pass
11n (HT40)	CH62	8.34	6.82	250	250	Pass
11ac (VHT20)	CH52	8.40	6.92	245	220	Pass
11ac (VHT20)	CH60	8.47	7.03	245	220	Pass
11ac (VHT20)	CH64	8.94	7.83	245	220	Pass
11ac (VHT40)	CH54	8.85	7.67	250	250	Pass
11ac (VHT40)	CH62	8.87	7.71	250	250	Pass
11ac (VHT80)	CH58	8.56	7.18	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	8.51	7.10	188.80	205	Pass
11a	CH116	8.59	7.23	187.93	205	Pass
11a	CH140	8.93	7.82	187.93	205	Pass
11n (HT20)	CH100	9.08	8.09	233	205	Pass
11n (HT20)	CH116	8.56	7.18	233	205	Pass
11n (HT20)	CH140	8.51	7.10	233	205	Pass
11n (HT40)	CH102	8.62	7.28	250	250	Pass
11n (HT40)	CH118	8.67	7.36	250	250	Pass
11n (HT40)	CH134	8.72	7.45	250	250	Pass
11ac (VHT20)	CH100	8.72	7.45	245	220	Pass
11ac (VHT20)	CH116	8.62	7.28	245	220	Pass
11ac (VHT20)	CH140	8.97	7.89	246	220	Pass
11ac (VHT40)	CH102	8.88	7.73	250	250	Pass
11ac (VHT40)	CH118	8.83	7.64	250	250	Pass
11ac (VHT40)	CH134	8.82	7.62	250	250	Pass
11ac (VHT80)	CH106	8.75	7.50	250	250	Pass
11ac (VHT80)	CH122	8.49	7.06	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC&IC Limit (mW)	Verdict
11a	CH149	8.48	7.05	810.96	Pass
11a	CH157	8.67	7.36	810.96	Pass
11a	CH165	8.84	7.66	810.96	Pass
11n (HT20)	CH149	8.63	7.29	1000	Pass
11n (HT20)	CH157	8.73	7.46	1000	Pass
11n (HT20)	CH165	8.96	7.87	1000	Pass
11n (HT40)	CH151	8.49	7.06	1000	Pass
11n (HT40)	CH159	8.86	7.69	1000	Pass
11ac (VHT20)	CH149	8.77	7.53	1000	Pass
11ac (VHT20)	CH157	9.12	8.17	1000	Pass
11ac (VHT20)	CH165	8.87	7.71	1000	Pass
11ac (VHT40)	CH151	8.66	7.35	1000	Pass
11ac (VHT40)	CH159	8.46	7.01	1000	Pass
11ac (VHT80)	CH155	8.39	6.90	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	12.77	18.92	163	Pass
11a	CH44	12.49	17.74	163	Pass
11a	CH48	12.89	19.45	163	Pass
11n (HT20)	CH36	12.78	18.97	163	Pass
11n (HT20)	CH44	12.47	17.66	163	Pass
11n (HT20)	CH48	12.78	18.97	163	Pass
11n (HT40)	CH38	12.75	18.84	200	Pass
11n (HT40)	CH46	12.37	17.26	200	Pass
11ac (VHT20)	CH36	12.62	18.28	175	Pass
11ac (VHT20)	CH44	12.51	17.82	175	Pass
11ac (HVT20)	CH48	12.70	18.62	175	Pass
11ac (VHT40)	CH38	12.58	18.11	200	Pass
11ac (VHT40)	CH46	12.32	17.06	200	Pass
11ac (VHT80)	CH42	12.86	19.32	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	13.01	20.00	818	Pass
11a	CH60	12.68	18.54	818	Pass
11a	CH64	12.93	19.63	818	Pass
11n (HT20)	CH52	12.90	19.50	818	Pass
11n (HT20)	CH60	12.30	16.98	818	Pass
11n (HT20)	CH64	12.59	18.16	818	Pass
11n (HT40)	CH54	12.91	19.54	1000	Pass
11n (HT40)	CH62	12.24	16.75	1000	Pass
11ac (VHT20)	CH52	12.30	16.98	877	Pass
11ac (VHT20)	CH60	12.37	17.26	877	Pass
11ac (HVT20)	CH64	12.84	19.23	877	Pass
11ac (VHT40)	CH54	12.75	18.84	1000	Pass
11ac (VHT40)	CH62	12.77	18.92	1000	Pass
11ac (VHT80)	CH58	12.46	17.62	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	12.41	17.42	817	Pass
11a	CH116	12.49	17.74	818	Pass
11a	CH140	12.83	19.19	818	Pass
11n (HT20)	CH100	12.98	19.86	817	Pass
11n (HT20)	CH116	12.46	17.62	818	Pass
11n (HT20)	CH140	12.41	17.42	818	Pass
11n (HT40)	CH102	12.52	17.86	1000	Pass
11n (HT40)	CH118	12.57	18.07	1000	Pass
11n (HT40)	CH134	12.62	18.28	1000	Pass
11ac (VHT20)	CH100	12.62	18.28	877	Pass
11ac (VHT20)	CH116	12.52	17.86	877	Pass
11ac (VHT20)	CH140	12.87	19.36	877	Pass
11ac (VHT40)	CH102	12.78	18.97	1000	Pass
11ac (VHT40)	CH118	12.73	18.75	1000	Pass
11ac (VHT40)	CH134	12.72	18.71	1000	Pass
11ac (VHT80)	CH106	12.65	18.41	1000	Pass
11ac (VHT80)	CH122	12.39	17.34	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	12.38	17.30	Pass
11a	CH157	12.57	18.07	Pass
11a	CH165	12.74	18.79	Pass
11n (HT20)	CH149	12.53	17.91	Pass
11n (HT20)	CH157	12.63	18.32	Pass
11n (HT20)	CH165	12.86	19.32	Pass
11n (HT40)	CH151	12.39	17.34	Pass
11n (HT40)	CH159	12.76	18.88	Pass
11ac (VHT20)	CH149	12.67	18.49	Pass
11ac (VHT20)	CH157	13.02	20.04	Pass
11ac (VHT20)	CH165	12.77	18.92	Pass
11ac (VHT40)	CH151	12.56	18.03	Pass
11ac (VHT40)	CH159	12.36	17.22	Pass
11ac (VHT80)	CH155	12.29	16.94	Pass

MIMOConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.93	15.60	250	Pass
11a	CH44	11.80	15.15	250	Pass
11a	CH48	12.00	15.85	250	Pass
11n (HT20)	CH36	12.04	16.01	250	Pass
11n (HT20)	CH44	11.84	15.27	250	Pass
11n (HT20)	CH48	11.99	15.82	250	Pass
11n (HT40)	CH38	12.01	15.90	250	Pass
11n (HT40)	CH46	11.79	15.10	250	Pass
11ac (VHT20)	CH36	11.83	15.25	250	Pass
11ac (VHT20)	CH44	11.88	15.41	250	Pass
11ac (VHT20)	CH48	11.96	15.71	250	Pass
11ac (VHT40)	CH38	11.84	15.29	250	Pass
11ac (VHT40)	CH46	11.69	14.75	250	Pass
11ac (VHT80)	CH42	11.97	15.74	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	12.12	16.29	188.80	205	Pass
11a	CH60	11.84	15.28	188.80	205	Pass
11a	CH64	12.04	16.00	188.80	205	Pass
11n (HT20)	CH52	12.06	16.07	232	205	Pass
11n (HT20)	CH60	11.61	14.50	233	205	Pass
11n (HT20)	CH64	11.85	15.32	233	205	Pass
11n (HT40)	CH54	12.07	16.11	250	250	Pass
11n (HT40)	CH62	11.66	14.66	250	250	Pass
11ac (VHT20)	CH52	11.72	14.86	245	220	Pass
11ac (VHT20)	CH60	11.68	14.74	245	220	Pass
11ac (VHT20)	CH64	12.05	16.04	245	220	Pass
11ac (VHT40)	CH54	11.91	15.53	250	250	Pass
11ac (VHT40)	CH62	11.93	15.60	250	250	Pass
11ac (VHT80)	CH58	11.77	15.05	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	11.78	15.06	188.80	205	Pass
11a	CH116	11.86	15.34	187.93	205	Pass
11a	CH140	11.94	15.63	187.93	205	Pass
11n (HT20)	CH100	12.09	16.18	233	205	Pass
11n (HT20)	CH116	11.77	15.05	233	205	Pass
11n (HT20)	CH140	11.72	14.88	233	205	Pass
11n (HT40)	CH102	11.78	15.08	250	250	Pass
11n (HT40)	CH118	11.94	15.62	250	250	Pass
11n (HT40)	CH134	11.88	15.43	250	250	Pass
11ac (VHT20)	CH100	11.88	15.43	245	220	Pass
11ac (VHT20)	CH116	11.89	15.44	245	220	Pass
11ac (VHT20)	CH140	11.98	15.78	246	220	Pass
11ac (VHT40)	CH102	12.04	16.01	250	250	Pass
11ac (VHT40)	CH118	11.99	15.82	250	250	Pass
11ac (VHT40)	CH134	11.83	15.24	250	250	Pass
11ac (VHT80)	CH106	11.91	15.53	250	250	Pass
11ac (VHT80)	CH122	11.76	14.99	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC&IC Limit (mW)	Verdict
11a	CH149	11.75	14.95	810.96	Pass
11a	CH157	11.83	15.25	810.96	Pass
11a	CH165	11.95	15.67	810.96	Pass
11n (HT20)	CH149	11.90	15.48	1000	Pass
11n (HT20)	CH157	11.89	15.46	1000	Pass
11n (HT20)	CH165	12.02	15.92	1000	Pass
11n (HT40)	CH151	11.81	15.17	1000	Pass
11n (HT40)	CH159	12.02	15.93	1000	Pass
11ac (VHT20)	CH149	11.93	15.61	1000	Pass
11ac (VHT20)	CH157	12.13	16.33	1000	Pass
11ac (VHT20)	CH165	11.98	15.78	1000	Pass
11ac (VHT40)	CH151	11.82	15.22	1000	Pass
11ac (VHT40)	CH159	11.73	14.89	1000	Pass
11ac (VHT80)	CH155	11.71	14.83	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.83	38.29	163	Pass
11a	CH44	15.70	37.20	163	Pass
11a	CH48	15.90	38.91	163	Pass
11n (HT20)	CH36	15.94	39.29	163	Pass
11n (HT20)	CH44	15.74	37.48	163	Pass
11n (HT20)	CH48	15.89	38.83	163	Pass
11n (HT40)	CH38	15.91	39.02	200	Pass
11n (HT40)	CH46	15.69	37.07	200	Pass
11ac (VHT20)	CH36	15.73	37.42	175	Pass
11ac (VHT20)	CH44	15.78	37.82	175	Pass
11ac (HVT20)	CH48	15.86	38.57	175	Pass
11ac (VHT40)	CH38	15.74	37.52	200	Pass
11ac (VHT40)	CH46	15.59	36.20	200	Pass
11ac (VHT80)	CH42	15.87	38.64	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	16.02	40.00	818	Pass
11a	CH60	15.74	37.50	818	Pass
11a	CH64	15.94	39.27	818	Pass
11n (HT20)	CH52	15.96	39.45	818	Pass
11n (HT20)	CH60	15.51	35.60	818	Pass
11n (HT20)	CH64	15.75	37.61	818	Pass
11n (HT40)	CH54	15.97	39.54	1000	Pass
11n (HT40)	CH62	15.56	35.98	1000	Pass
11ac (VHT20)	CH52	15.62	36.48	877	Pass
11ac (VHT20)	CH60	15.58	36.18	877	Pass
11ac (HVT20)	CH64	15.95	39.37	877	Pass
11ac (VHT40)	CH54	15.81	38.11	1000	Pass
11ac (VHT40)	CH62	15.83	38.29	1000	Pass
11ac (VHT80)	CH58	15.67	36.94	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	15.68	36.96	817	Pass
11a	CH116	15.76	37.65	818	Pass
11a	CH140	15.84	38.37	818	Pass
11n (HT20)	CH100	15.99	39.72	817	Pass
11n (HT20)	CH116	15.67	36.94	818	Pass
11n (HT20)	CH140	15.62	36.52	818	Pass
11n (HT40)	CH102	15.68	37.01	1000	Pass
11n (HT40)	CH118	15.84	38.35	1000	Pass
11n (HT40)	CH134	15.78	37.87	1000	Pass
11ac (VHT20)	CH100	15.78	37.87	877	Pass
11ac (VHT20)	CH116	15.79	37.91	877	Pass
11ac (VHT20)	CH140	15.88	38.73	877	Pass
11ac (VHT40)	CH102	15.94	39.29	1000	Pass
11ac (VHT40)	CH118	15.89	38.84	1000	Pass
11ac (VHT40)	CH134	15.73	37.41	1000	Pass
11ac (VHT80)	CH106	15.81	38.13	1000	Pass
11ac (VHT80)	CH122	15.66	36.79	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	15.65	36.71	Pass
11a	CH157	15.73	37.44	Pass
11a	CH165	15.85	38.47	Pass
11n (HT20)	CH149	15.80	38.00	Pass
11n (HT20)	CH157	15.79	37.96	Pass
11n (HT20)	CH165	15.92	39.09	Pass
11n (HT40)	CH151	15.71	37.24	Pass
11n (HT40)	CH159	15.92	39.11	Pass
11ac (VHT20)	CH149	15.83	38.31	Pass
11ac (VHT20)	CH157	16.03	40.09	Pass
11ac (VHT20)	CH165	15.88	38.74	Pass
11ac (VHT40)	CH151	15.72	37.35	Pass
11ac (VHT40)	CH159	15.63	36.54	Pass
11ac (VHT80)	CH155	15.61	36.40	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2440504-603 Data Part 1.pdf”.

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

SISO-Antenna A

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.50	16.31
11a	CH44	18.49	16.31
11a	CH48	18.47	16.31
11n (HT20)	CH36	18.48	16.31
11n (HT20)	CH44	18.48	16.31
11n (HT20)	CH48	18.48	16.31
11n (HT40)	CH38	41.46	36.29
11n (HT40)	CH46	41.80	36.28
11ac (VHT20)	CH36	19.43	17.50
11ac (VHT20)	CH44	19.44	17.50
11ac (VHT20)	CH48	19.46	17.51
11ac (VHT40)	CH38	41.45	36.28
11ac (VHT40)	CH46	41.45	36.28
11ac (VHT80)	CH42	83.40	75.20

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	18.49	16.31
11a	CH60	18.47	16.32
11a	CH64	18.47	16.32
11n (HT20)	CH52	18.46	16.31
11n (HT20)	CH60	18.48	16.32
11n (HT20)	CH64	18.48	16.32
11n (HT40)	CH54	41.42	36.28
11n (HT40)	CH62	41.37	36.28
11ac (VHT20)	CH52	19.46	17.51
11ac (VHT20)	CH60	19.45	17.51
11ac (VHT20)	CH64	19.46	17.51
11ac (VHT40)	CH54	41.43	36.28
11ac (VHT40)	CH62	41.41	36.29
11ac (VHT80)	CH58	83.44	75.26

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	18.47	16.31
11a	CH116	18.45	16.31
11a	CH140	18.46	16.32
11n (HT20)	CH100	18.47	16.31
11n (HT20)	CH116	18.47	16.32
11n (HT20)	CH140	18.48	16.32
11n (HT40)	CH102	41.25	36.26
11n (HT40)	CH118	41.45	36.27
11n (HT40)	CH134	41.36	36.28
11ac (VHT20)	CH100	19.44	17.50
11ac (VHT20)	CH116	19.47	17.51
11ac (VHT20)	CH140	19.51	17.51
11ac (VHT40)	CH102	41.25	36.25
11ac (VHT40)	CH118	41.42	36.27
11ac (VHT40)	CH134	41.41	36.29
11ac (VHT80)	CH106	83.42	75.14
11ac (VHT80)	CH122	83.22	75.26

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	18.46	16.32
11a	CH157	18.47	16.32
11a	CH165	18.46	16.32
11n (HT20)	CH149	18.48	16.32
11n (HT20)	CH157	18.50	16.32
11n (HT20)	CH165	18.49	16.32
11n (HT40)	CH151	41.31	36.31
11n (HT40)	CH159	41.36	36.30
11ac (VHT20)	CH149	19.48	17.51
11ac (VHT20)	CH157	19.54	17.51
11ac (VHT20)	CH165	19.49	17.51
11ac (VHT40)	CH151	41.29	36.30
11ac (VHT40)	CH159	41.39	36.30
11ac (VHT80)	CH155	93.73	75.39

A.3 6 dB Bandwidth

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2440504-603 Data Part 2.pdf”.

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

SISO-Antenna A

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.50	500.00	Pass
11a	CH157	16.50	500.00	Pass
11a	CH165	16.50	500.00	Pass
11n (HT20)	CH149	16.50	500.00	Pass
11n (HT20)	CH157	16.60	500.00	Pass
11n (HT20)	CH165	16.50	500.00	Pass
11n (HT40)	CH151	35.40	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	17.80	500.00	Pass
11ac (VHT20)	CH157	17.50	500.00	Pass
11ac (VHT20)	CH165	17.60	500.00	Pass
11ac (VHT40)	CH151	35.40	500.00	Pass
11ac (VHT40)	CH159	35.40	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2440504-603 Data Part 3.pdf”.

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

SISO-Antenna A

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	0.79	11.00	Pass
11a	CH44	0.86	11.00	Pass
11a	CH48	0.85	11.00	Pass
11n (HT20)	CH36	1.03	11.00	Pass
11n (HT20)	CH44	1.25	11.00	Pass
11n (HT20)	CH48	0.71	11.00	Pass
11n (HT40)	CH38	0.19	11.00	Pass
11n (HT40)	CH46	-1.88	11.00	Pass
11ac (VHT20)	CH36	0.57	11.00	Pass
11ac (VHT20)	CH44	0.61	11.00	Pass
11ac (VHT20)	CH48	0.54	11.00	Pass
11ac (VHT40)	CH38	-1.58	11.00	Pass
11ac (VHT40)	CH46	-1.84	11.00	Pass
11ac (VHT80)	CH42	-5.20	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	1.13	11.00	Pass
11a	CH60	1.03	11.00	Pass
11a	CH64	1.17	11.00	Pass
11n (HT20)	CH52	0.51	11.00	Pass
11n (HT20)	CH60	0.87	11.00	Pass
11n (HT20)	CH64	0.95	11.00	Pass
11n (HT40)	CH54	-1.66	11.00	Pass
11n (HT40)	CH62	-1.78	11.00	Pass
11ac (VHT20)	CH52	0.64	11.00	Pass
11ac (VHT20)	CH60	0.57	11.00	Pass
11ac (VHT20)	CH64	0.59	11.00	Pass
11ac (VHT40)	CH54	-1.71	11.00	Pass
11ac (VHT40)	CH62	-1.73	11.00	Pass
11ac (VHT80)	CH58	-5.16	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.43	11.00	Pass
11a	CH116	1.13	11.00	Pass
11a	CH140	0.95	11.00	Pass
11n (HT20)	CH100	1.34	11.00	Pass
11n (HT20)	CH116	1.14	11.00	Pass
11n (HT20)	CH140	0.91	11.00	Pass
11n (HT40)	CH102	-1.49	11.00	Pass
11n (HT40)	CH118	-1.69	11.00	Pass
11n (HT40)	CH134	-1.79	11.00	Pass
11ac (VHT20)	CH100	1.25	11.00	Pass
11ac (VHT20)	CH116	0.98	11.00	Pass
11ac (VHT20)	CH140	0.81	11.00	Pass
11ac (VHT40)	CH102	-1.54	11.00	Pass
11ac (VHT40)	CH118	-1.56	11.00	Pass
11ac (VHT40)	CH134	-1.66	11.00	Pass
11ac (VHT80)	CH106	-4.76	11.00	Pass
11ac (VHT80)	CH122	-4.64	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.68	30.00	Pass
11a	CH157	-1.54	30.00	Pass
11a	CH165	-1.89	30.00	Pass
11n (HT20)	CH149	-1.53	30.00	Pass
11n (HT20)	CH157	-1.54	30.00	Pass
11n (HT20)	CH165	-1.66	30.00	Pass
11n (HT40)	CH151	-4.13	30.00	Pass
11n (HT40)	CH159	-4.22	30.00	Pass
11ac (VHT20)	CH149	-2.02	30.00	Pass
11ac (VHT20)	CH157	-1.78	30.00	Pass
11ac (VHT20)	CH165	-1.81	30.00	Pass
11ac (VHT40)	CH151	-4.45	30.00	Pass
11ac (VHT40)	CH159	-4.28	30.00	Pass
11ac (VHT80)	CH155	-7.86	30.00	Pass

E.I.R.P PSD

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	4.69	10.00	Pass
11a	CH44	4.76	10.00	Pass
11a	CH48	4.75	10.00	Pass
11n (HT20)	CH36	4.93	10.00	Pass
11n (HT20)	CH44	5.15	10.00	Pass
11n (HT20)	CH48	4.61	10.00	Pass
11n (HT40)	CH38	4.09	10.00	Pass
11n (HT40)	CH46	2.02	10.00	Pass
11ac (VHT20)	CH36	4.47	10.00	Pass
11ac (VHT20)	CH44	4.51	10.00	Pass
11ac (VHT20)	CH48	4.44	10.00	Pass
11ac (VHT40)	CH38	2.33	10.00	Pass
11ac (VHT40)	CH46	2.07	10.00	Pass
11ac (VHT80)	CH42	-1.30	10.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)		Verdict
11a	CH52	5.03		Pass
11a	CH60	4.93		Pass
11a	CH64	5.07		Pass
11n (HT20)	CH52	4.41		Pass
11n (HT20)	CH60	4.77		Pass
11n (HT20)	CH64	4.85		Pass
11n (HT40)	CH54	2.24		Pass
11n (HT40)	CH62	2.12		Pass
11ac (VHT20)	CH52	4.54		Pass
11ac (VHT20)	CH60	4.47		Pass
11ac (VHT20)	CH64	4.49		Pass
11ac (VHT40)	CH54	2.19		Pass
11ac (VHT40)	CH62	2.17		Pass
11ac (VHT80)	CH58	-1.26		Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH100	5.33	Pass
11a	CH116	5.03	Pass
11a	CH140	4.85	Pass
11n (HT20)	CH100	5.24	Pass
11n (HT20)	CH116	5.04	Pass
11n (HT20)	CH140	4.81	Pass
11n (HT40)	CH102	2.41	Pass
11n (HT40)	CH118	2.21	Pass
11n (HT40)	CH134	2.11	Pass
11ac (VHT20)	CH100	5.15	Pass
11ac (VHT20)	CH116	4.88	Pass
11ac (VHT20)	CH140	4.71	Pass
11ac (VHT40)	CH102	2.37	Pass
11ac (VHT40)	CH118	2.35	Pass
11ac (VHT40)	CH134	2.24	Pass
11ac (VHT80)	CH106	-0.86	Pass
11ac (VHT80)	CH122	-0.74	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH149	2.22	Pass
11a	CH157	2.37	Pass
11a	CH165	2.01	Pass
11n (HT20)	CH149	2.37	Pass
11n (HT20)	CH157	2.36	Pass
11n (HT20)	CH165	2.24	Pass
11n (HT40)	CH151	-0.23	Pass
11n (HT40)	CH159	-0.32	Pass
11ac (VHT20)	CH149	1.88	Pass
11ac (VHT20)	CH157	2.12	Pass
11ac (VHT20)	CH165	2.09	Pass
11ac (VHT40)	CH151	-0.55	Pass
11ac (VHT40)	CH159	-0.38	Pass
11ac (VHT80)	CH155	-3.96	Pass

A.5 Conducted Emissions

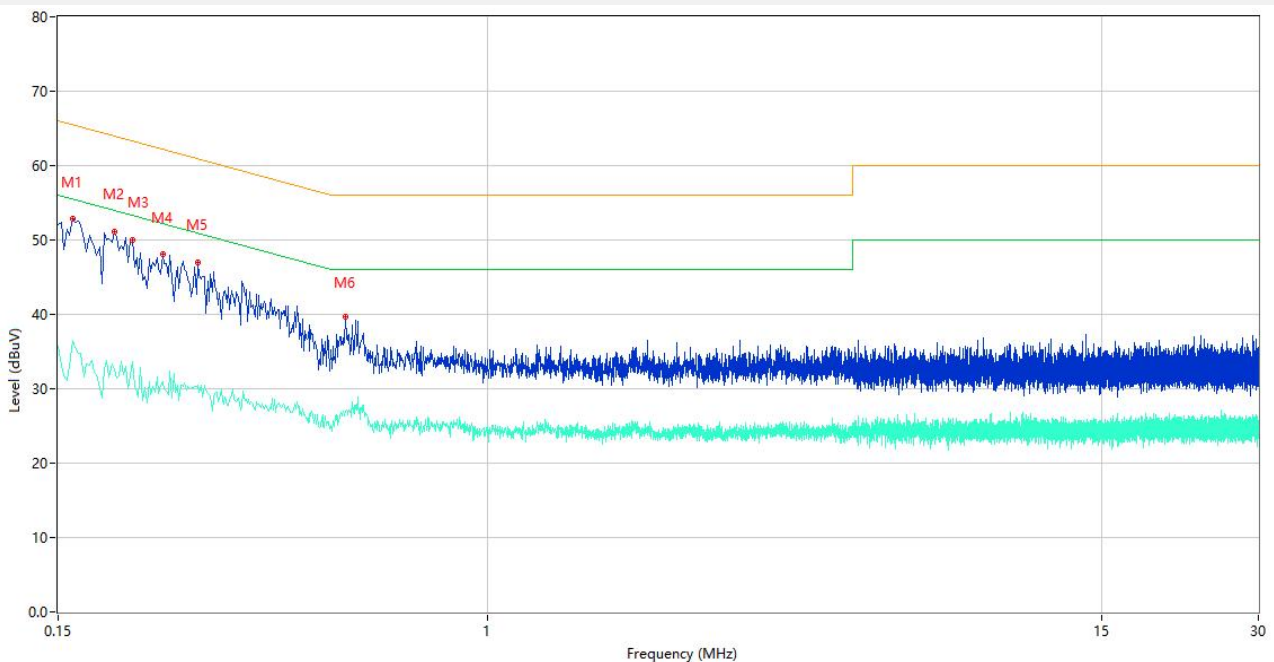
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

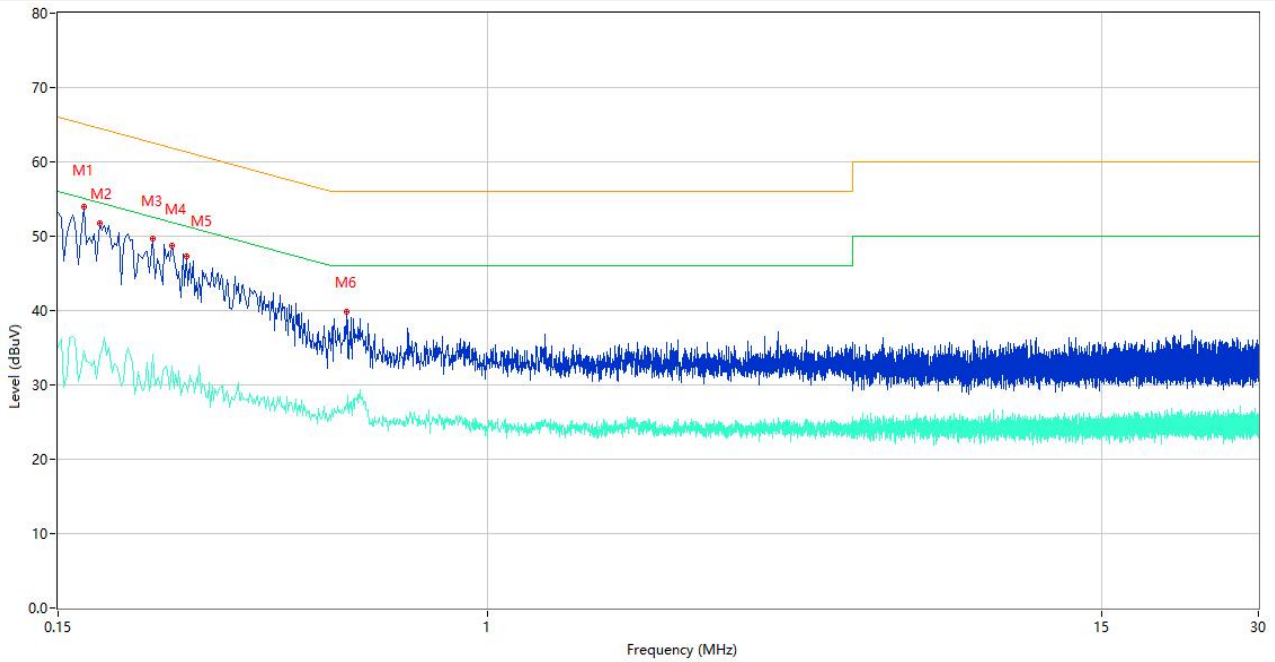
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	52.80	9.78	65.46	12.66	Peak	L	Pass
1**	0.160	36.47	9.78	55.46	18.99	AV	L	Pass
2	0.192	51.19	9.77	63.95	12.76	Peak	L	Pass
2**	0.192	32.68	9.77	53.95	21.27	AV	L	Pass
3	0.208	50.06	9.77	63.28	13.22	Peak	L	Pass
3**	0.208	33.63	9.77	53.28	19.65	AV	L	Pass
4	0.238	48.05	9.77	62.17	14.12	Peak	L	Pass
4**	0.238	30.97	9.77	52.17	21.20	AV	L	Pass
5	0.278	47.04	9.76	60.88	13.84	Peak	L	Pass
5**	0.278	30.48	9.76	50.88	20.40	AV	L	Pass
6	0.534	39.75	10.01	56.00	16.25	Peak	L	Pass
6**	0.534	26.99	10.01	46.00	19.01	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.168	53.92	9.78	65.06	11.14	Peak	N	Pass
1**	0.168	34.53	9.78	55.06	20.53	AV	N	Pass
2	0.180	51.80	9.78	64.49	12.69	Peak	N	Pass
2**	0.180	33.93	9.78	54.49	20.56	AV	N	Pass
3	0.228	49.74	9.77	62.52	12.78	Peak	N	Pass
3**	0.228	34.15	9.77	52.52	18.37	AV	N	Pass
4	0.248	48.66	9.77	61.82	13.16	Peak	N	Pass
4**	0.248	32.53	9.77	51.82	19.29	AV	N	Pass
5	0.264	47.30	9.76	61.30	14.00	Peak	N	Pass
5**	0.264	29.85	9.76	51.30	21.45	AV	N	Pass
6	0.536	39.79	10.01	56.00	16.21	Peak	N	Pass
6**	0.536	27.52	10.01	46.00	18.48	AV	N	Pass

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

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

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

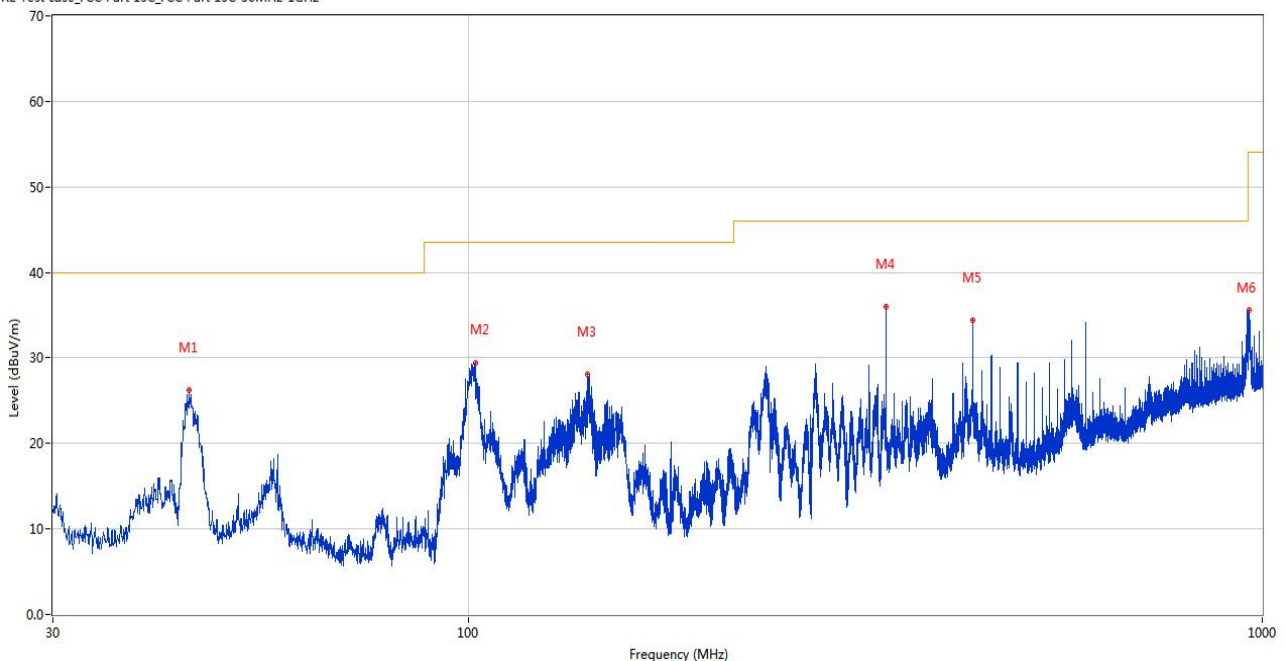
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

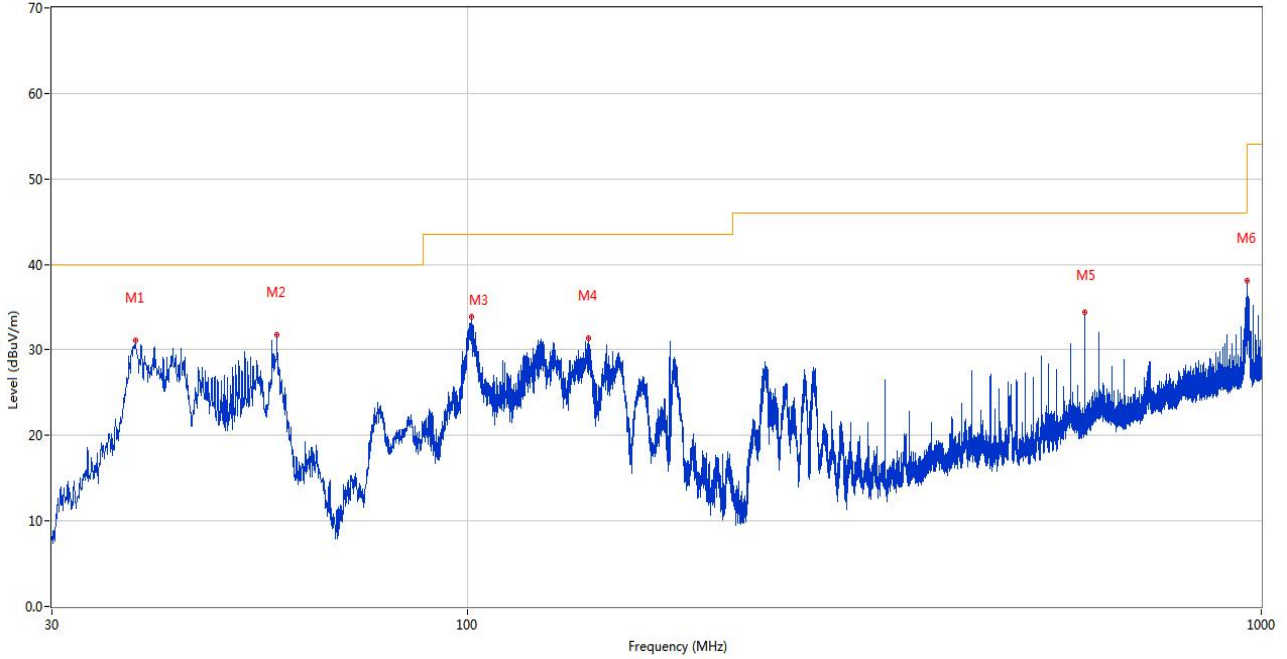
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.550	26.18	-26.75	40.0	13.82	Peak	356.00	100	Horizontal	Pass
2	102.022	29.35	-29.78	43.5	14.15	Peak	207.00	200	Horizontal	Pass
3	141.259	28.06	-26.52	43.5	15.44	Peak	265.00	200	Horizontal	Pass
4	336.035	36.01	-24.04	46.0	9.99	Peak	165.00	100	Horizontal	Pass
5	432.017	34.38	-20.55	46.0	11.62	Peak	1.00	100	Horizontal	Pass
6	961.540	35.65	-10.27	54.0	18.35	Peak	165.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.197	31.09	-26.79	40.0	8.91	Peak	139.00	100	Vertical	Pass
2	57.645	31.79	-27.40	40.0	8.21	Peak	333.00	100	Vertical	Pass
3	101.392	33.82	-29.88	43.5	9.68	Peak	283.00	100	Vertical	Pass
4	142.035	31.40	-26.44	43.5	12.10	Peak	143.00	100	Vertical	Pass
5	600.020	34.36	-16.89	46.0	11.64	Peak	174.00	100	Vertical	Pass
6	959.987	38.08	-10.29	46.0	7.92	Peak	237.00	100	Vertical	Pass

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

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

SISO-Antenna A

Test Data

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.100	39.57	-17.12	74.0	34.43	Peak	322.00	200	Horizontal	Pass
1**	1441.100	30.51	-17.12	54.0	23.49	AV	322.00	200	Horizontal	Pass
2	4382.200	50.23	-3.64	74.0	23.77	Peak	353.00	300	Horizontal	Pass
2**	4382.200	40.84	-3.64	54.0	13.16	AV	353.00	300	Horizontal	Pass
3	5178.200	102.95	-2.52	--	--	Peak	319.00	100	Horizontal	N/A
3**	5178.200	95.11	-2.52	--	--	AV	319.00	100	Horizontal	N/A
4	7683.962	49.76	-2.67	74.0	24.24	Peak	98.00	200	Horizontal	Pass
4**	7683.962	40.65	-2.67	54.0	13.35	AV	98.00	200	Horizontal	Pass
5	12392.063	53.37	1.58	74.0	20.63	Peak	29.00	100	Horizontal	Pass
5**	12392.063	42.67	1.58	54.0	11.33	AV	29.00	100	Horizontal	Pass
6	16081.912	55.51	1.60	74.0	18.49	Peak	6.00	200	Horizontal	Pass
6**	16081.912	46.54	1.60	54.0	7.46	AV	6.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.300	39.43	-17.21	74.0	34.57	Peak	98.00	400	Vertical	Pass
1**	1440.300	30.07	-17.21	54.0	23.93	AV	98.00	400	Vertical	Pass
2	4389.800	50.49	-3.33	74.0	23.51	Peak	32.00	100	Vertical	Pass
2**	4389.800	41.17	-3.33	54.0	12.83	AV	32.00	100	Vertical	Pass
3	5174.400	100.60	-2.30	--	--	Peak	332.00	100	Vertical	N/A
3**	5174.400	92.68	-2.30	--	--	AV	332.00	100	Vertical	N/A
4	7506.862	49.97	-3.07	74.0	24.03	Peak	214.00	300	Vertical	Pass
4**	7506.862	40.16	-3.07	54.0	13.84	AV	214.00	300	Vertical	Pass
5	12317.312	52.92	1.41	74.0	21.08	Peak	360.00	200	Vertical	Pass
5**	12317.312	43.64	1.41	54.0	10.36	AV	360.00	200	Vertical	Pass
6	15628.838	56.61	1.71	74.0	17.39	Peak	39.00	200	Vertical	Pass
6**	15628.838	45.49	1.71	54.0	8.51	AV	39.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.700	41.13	-17.06	74.0	32.87	Peak	337.00	400	Horizontal	Pass
1**	1443.700	31.03	-17.06	54.0	22.97	AV	337.00	400	Horizontal	Pass
2	4379.400	50.64	-3.32	74.0	23.36	Peak	268.00	100	Horizontal	Pass
2**	4379.400	41.79	-3.32	54.0	12.21	AV	268.00	100	Horizontal	Pass
3	5224.200	103.68	-2.65	--	--	Peak	320.00	100	Horizontal	N/A
3**	5224.200	95.93	-2.65	--	--	AV	320.00	100	Horizontal	N/A
4	7339.537	49.90	-2.93	74.0	24.10	Peak	224.00	100	Horizontal	Pass
4**	7339.537	40.36	-2.93	54.0	13.64	AV	224.00	100	Horizontal	Pass
5	12425.700	53.01	1.45	74.0	20.99	Peak	78.00	100	Horizontal	Pass
5**	12425.700	43.56	1.45	54.0	10.44	AV	78.00	100	Horizontal	Pass
6	15802.087	55.87	2.31	74.0	18.13	Peak	0.00	100	Horizontal	Pass
6**	15802.087	46.97	2.31	54.0	7.03	AV	0.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.800	41.86	-17.26	74.0	32.14	Peak	302.00	300	Vertical	Pass
1**	1439.800	30.29	-17.26	54.0	23.71	AV	302.00	300	Vertical	Pass
2	4385.400	50.21	-3.40	74.0	23.79	Peak	142.00	400	Vertical	Pass
2**	4385.400	41.55	-3.40	54.0	12.45	AV	142.00	400	Vertical	Pass
3	5216.600	101.59	-2.65	--	--	Peak	320.00	100	Vertical	N/A
3**	5216.600	93.40	-2.65	--	--	AV	320.00	100	Vertical	N/A
4	7380.362	49.90	-3.46	74.0	24.10	Peak	208.00	200	Vertical	Pass
4**	7380.362	40.00	-3.46	54.0	14.00	AV	208.00	200	Vertical	Pass
5	11781.125	53.04	1.20	74.0	20.96	Peak	191.00	100	Vertical	Pass
5**	11781.125	43.60	1.20	54.0	10.40	AV	191.00	100	Vertical	Pass
6	15745.912	56.13	0.98	74.0	17.87	Peak	9.00	100	Vertical	Pass
6**	15745.912	45.92	0.98	54.0	8.08	AV	9.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.400	40.43	-17.11	74.0	33.57	Peak	322.00	200	Horizontal	Pass
1**	1441.400	32.06	-17.11	54.0	21.94	AV	322.00	200	Horizontal	Pass
2	4399.000	50.07	-4.63	74.0	23.93	Peak	105.00	200	Horizontal	Pass
2**	4399.000	40.66	-4.63	54.0	13.34	AV	105.00	200	Horizontal	Pass
3	5238.200	102.94	-2.56	--	--	Peak	317.00	200	Horizontal	N/A
3**	5238.200	94.92	-2.56	--	--	AV	317.00	200	Horizontal	N/A
4	7349.887	49.78	-3.65	74.0	24.22	Peak	0.00	100	Horizontal	Pass
4**	7349.887	40.69	-3.65	54.0	13.31	AV	0.00	100	Horizontal	Pass
5	12286.838	53.95	1.73	74.0	20.05	Peak	317.00	200	Horizontal	Pass
5**	12286.838	43.57	1.73	54.0	10.43	AV	317.00	200	Horizontal	Pass
6	15631.200	55.70	1.67	74.0	18.30	Peak	343.00	200	Horizontal	Pass
6**	15631.200	44.40	1.67	54.0	9.60	AV	343.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.300	41.97	-17.21	74.0	32.03	Peak	293.00	400	Vertical	Pass
1**	1440.300	33.67	-17.21	54.0	20.33	AV	293.00	400	Vertical	Pass
2	4386.200	50.46	-3.27	74.0	23.54	Peak	80.00	100	Vertical	Pass
2**	4386.200	41.28	-3.27	54.0	12.72	AV	80.00	100	Vertical	Pass
3	5237.200	101.33	-2.53	--	--	Peak	277.00	100	Vertical	N/A
3**	5237.200	93.18	-2.53	--	--	AV	277.00	100	Vertical	N/A
4	7602.313	49.25	-2.82	74.0	24.75	Peak	227.00	300	Vertical	Pass
4**	7602.313	40.50	-2.82	54.0	13.50	AV	227.00	300	Vertical	Pass
5	11340.675	53.01	0.25	74.0	20.99	Peak	191.00	100	Vertical	Pass
5**	11340.675	43.18	0.25	54.0	10.82	AV	191.00	100	Vertical	Pass
6	15784.500	55.95	1.78	74.0	18.05	Peak	0.00	100	Vertical	Pass
6**	15784.500	48.30	1.78	54.0	5.70	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.000	40.48	-17.34	74.0	33.52	Peak	325.00	200	Horizontal	Pass
1**	1439.000	31.16	-17.34	54.0	22.84	AV	325.00	200	Horizontal	Pass
2	4389.400	50.24	-3.35	74.0	23.76	Peak	279.00	200	Horizontal	Pass
2**	4389.400	41.99	-3.35	54.0	12.01	AV	279.00	200	Horizontal	Pass
3	5176.000	102.37	-2.46	--	--	Peak	322.00	200	Horizontal	N/A
3**	5176.000	94.89	-2.46	--	--	AV	322.00	200	Horizontal	N/A
4	7444.475	50.34	-3.22	74.0	23.66	Peak	360.00	300	Horizontal	Pass
4**	7444.475	40.83	-3.22	54.0	13.17	AV	360.00	300	Horizontal	Pass
5	12601.075	52.85	1.90	74.0	21.15	Peak	326.00	150	Horizontal	Pass
5**	12601.075	43.07	1.90	54.0	10.93	AV	326.00	150	Horizontal	Pass
6	15792.900	55.86	2.10	74.0	18.14	Peak	358.00	300	Horizontal	Pass
6**	15792.900	46.19	2.10	54.0	7.81	AV	358.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.500	39.41	-16.86	74.0	34.59	Peak	45.00	300	Vertical	Pass
1**	1621.500	29.87	-16.86	54.0	24.13	AV	45.00	300	Vertical	Pass
2	4204.600	50.21	-4.57	74.0	23.79	Peak	243.00	300	Vertical	Pass
2**	4204.600	39.61	-4.57	54.0	14.39	AV	243.00	300	Vertical	Pass
3	5176.000	100.65	-2.46	--	--	Peak	328.00	100	Vertical	N/A
3**	5176.000	92.54	-2.46	--	--	AV	328.00	100	Vertical	N/A
4	7339.825	49.64	-2.95	74.0	24.36	Peak	94.00	300	Vertical	Pass
4**	7339.825	41.44	-2.95	54.0	12.56	AV	94.00	300	Vertical	Pass
5	12273.613	53.53	1.57	74.0	20.47	Peak	94.00	200	Vertical	Pass
5**	12273.613	44.48	1.57	54.0	9.52	AV	94.00	200	Vertical	Pass
6	15817.050	55.76	1.98	74.0	18.24	Peak	61.00	400	Vertical	Pass
6**	15817.050	46.79	1.98	54.0	7.21	AV	61.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.400	41.03	-17.11	74.0	32.97	Peak	323.00	400	Horizontal	Pass
1**	1441.400	32.00	-17.11	54.0	22.00	AV	323.00	400	Horizontal	Pass
2	4384.600	50.76	-3.54	74.0	23.24	Peak	205.00	100	Horizontal	Pass
2**	4384.600	41.12	-3.54	54.0	12.88	AV	205.00	100	Horizontal	Pass
3	5224.400	102.68	-2.63	--	--	Peak	328.00	200	Horizontal	N/A
3**	5224.400	95.26	-2.63	--	--	AV	328.00	200	Horizontal	N/A
4	7633.937	49.60	-2.94	74.0	24.40	Peak	267.00	200	Horizontal	Pass
4**	7633.937	40.25	-2.94	54.0	13.75	AV	267.00	200	Horizontal	Pass
5	12295.750	53.57	1.56	74.0	20.43	Peak	44.00	150	Horizontal	Pass
5**	12295.750	43.83	1.56	54.0	10.17	AV	44.00	150	Horizontal	Pass
6	15837.000	56.45	1.45	74.0	17.55	Peak	189.00	300	Horizontal	Pass
6**	15837.000	46.02	1.45	54.0	7.98	AV	189.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.600	39.74	-17.28	74.0	34.26	Peak	270.00	300	Vertical	Pass
1**	1439.600	31.25	-17.28	54.0	22.75	AV	270.00	300	Vertical	Pass
2	4380.000	49.83	-3.32	74.0	24.17	Peak	69.00	200	Vertical	Pass
2**	4380.000	41.34	-3.32	54.0	12.66	AV	69.00	200	Vertical	Pass
3	5216.400	100.84	-2.64	--	--	Peak	329.00	100	Vertical	N/A
3**	5216.400	93.28	-2.64	--	--	AV	329.00	100	Vertical	N/A
4	7452.237	50.64	-3.16	74.0	23.36	Peak	275.00	300	Vertical	Pass
4**	7452.237	40.08	-3.16	54.0	13.92	AV	275.00	300	Vertical	Pass
5	12249.175	53.28	0.96	74.0	20.72	Peak	135.00	200	Vertical	Pass
5**	12249.175	43.85	0.96	54.0	10.15	AV	135.00	200	Vertical	Pass
6	15501.525	56.27	1.20	74.0	17.73	Peak	243.00	100	Vertical	Pass
6**	15501.525	46.63	1.20	54.0	7.37	AV	243.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.700	40.40	-17.03	74.0	33.60	Peak	291.00	100	Horizontal	Pass
1**	1442.700	31.40	-17.03	54.0	22.60	AV	291.00	100	Horizontal	Pass
2	4387.000	50.00	-3.33	74.0	24.00	Peak	345.00	300	Horizontal	Pass
2**	4387.000	41.74	-3.33	54.0	12.26	AV	345.00	300	Horizontal	Pass
3	5238.600	102.05	-2.59	--	--	Peak	331.00	200	Horizontal	N/A
3**	5238.600	94.65	-2.59	--	--	AV	331.00	200	Horizontal	N/A
4	7320.850	49.13	-3.12	74.0	24.87	Peak	74.00	200	Horizontal	Pass
4**	7320.850	40.28	-3.12	54.0	13.72	AV	74.00	200	Horizontal	Pass
5	12313.000	53.51	1.39	74.0	20.49	Peak	360.00	150	Horizontal	Pass
5**	12313.000	44.17	1.39	54.0	9.83	AV	360.00	150	Horizontal	Pass
6	15829.125	55.97	1.52	74.0	18.03	Peak	314.00	300	Horizontal	Pass
6**	15829.125	47.63	1.52	54.0	6.37	AV	314.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	39.61	-17.25	74.0	34.39	Peak	269.00	400	Vertical	Pass
1**	1439.900	33.11	-17.25	54.0	20.89	AV	269.00	400	Vertical	Pass
2	4387.200	49.79	-3.34	74.0	24.21	Peak	41.00	300	Vertical	Pass
2**	4387.200	42.55	-3.34	54.0	11.45	AV	41.00	300	Vertical	Pass
3	5236.400	100.59	-2.51	--	--	Peak	337.00	200	Vertical	N/A
3**	5236.400	92.99	-2.51	--	--	AV	337.00	200	Vertical	N/A
4	7342.125	49.63	-3.19	74.0	24.37	Peak	153.00	100	Vertical	Pass
4**	7342.125	40.56	-3.19	54.0	13.44	AV	153.00	100	Vertical	Pass
5	12294.600	53.70	1.58	74.0	20.30	Peak	171.00	100	Vertical	Pass
5**	12294.600	43.58	1.58	54.0	10.42	AV	171.00	100	Vertical	Pass
6	15811.537	55.66	2.13	74.0	18.34	Peak	188.00	200	Vertical	Pass
6**	15811.537	46.13	2.13	54.0	7.87	AV	188.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.200	40.64	-17.29	74.0	33.36	Peak	330.00	300	Horizontal	Pass
1**	1437.200	30.93	-17.29	54.0	23.07	AV	330.00	300	Horizontal	Pass
2	4385.400	50.33	-3.40	74.0	23.67	Peak	0.00	300	Horizontal	Pass
2**	4385.400	41.66	-3.40	54.0	12.34	AV	0.00	300	Horizontal	Pass
3	5187.800	100.02	-2.36	--	--	Peak	334.00	200	Horizontal	N/A
3**	5187.800	92.19	-2.36	--	--	AV	334.00	200	Horizontal	N/A
4	7336.950	49.35	-3.01	74.0	24.65	Peak	360.00	100	Horizontal	Pass
4**	7336.950	40.93	-3.01	54.0	13.07	AV	360.00	100	Horizontal	Pass
5	12230.487	53.26	1.29	74.0	20.74	Peak	182.00	150	Horizontal	Pass
5**	12230.487	43.40	1.29	54.0	10.60	AV	182.00	150	Horizontal	Pass
6	15494.438	55.75	1.04	74.0	18.25	Peak	246.00	300	Horizontal	Pass
6**	15494.438	45.30	1.04	54.0	8.70	AV	246.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	39.50	-17.24	74.0	34.50	Peak	263.00	200	Vertical	Pass
1**	1440.000	31.03	-17.24	54.0	22.97	AV	263.00	200	Vertical	Pass
2	4386.800	49.85	-3.31	74.0	24.15	Peak	48.00	200	Vertical	Pass
2**	4386.800	42.34	-3.31	54.0	11.66	AV	48.00	200	Vertical	Pass
3	5192.600	97.95	-2.33	--	--	Peak	334.00	100	Vertical	N/A
3**	5192.600	90.49	-2.33	--	--	AV	334.00	100	Vertical	N/A
4	7679.363	49.86	-2.43	74.0	24.14	Peak	56.00	300	Vertical	Pass
4**	7679.363	40.15	-2.43	54.0	13.85	AV	56.00	300	Vertical	Pass
5	12313.575	53.98	1.39	74.0	20.02	Peak	240.00	100	Vertical	Pass
5**	12313.575	44.27	1.39	54.0	9.73	AV	240.00	100	Vertical	Pass
6	15401.775	55.50	0.78	74.0	18.50	Peak	0.00	200	Vertical	Pass
6**	15401.775	45.58	0.78	54.0	8.42	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	42.09	-17.31	74.0	31.91	Peak	323.00	400	Horizontal	Pass
1**	1437.800	31.65	-17.31	54.0	22.35	AV	323.00	400	Horizontal	Pass
2	4386.200	50.23	-3.27	74.0	23.77	Peak	92.00	300	Horizontal	Pass
2**	4386.200	41.24	-3.27	54.0	12.76	AV	92.00	300	Horizontal	Pass
3	5225.800	99.79	-2.59	--	--	Peak	331.00	100	Horizontal	N/A
3**	5225.800	93.50	-2.59	--	--	AV	331.00	100	Horizontal	N/A
4	7322.862	49.62	-3.34	74.0	24.38	Peak	43.00	100	Horizontal	Pass
4**	7322.862	39.88	-3.34	54.0	14.12	AV	43.00	100	Horizontal	Pass
5	12312.713	53.91	1.39	74.0	20.09	Peak	246.00	100	Horizontal	Pass
5**	12312.713	43.74	1.39	54.0	10.26	AV	246.00	100	Horizontal	Pass
6	16075.350	56.05	1.55	74.0	17.95	Peak	359.00	100	Horizontal	Pass
6**	16075.350	46.19	1.55	54.0	7.81	AV	359.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	41.01	-17.23	74.0	32.99	Peak	286.00	400	Vertical	Pass
1**	1440.100	32.74	-17.23	54.0	21.26	AV	286.00	400	Vertical	Pass
2	4385.200	50.72	-3.43	74.0	23.28	Peak	332.00	200	Vertical	Pass
2**	4385.200	41.43	-3.43	54.0	12.57	AV	332.00	200	Vertical	Pass
3	5232.200	98.00	-2.62	--	--	Peak	332.00	200	Vertical	N/A
3**	5232.200	89.83	-2.62	--	--	AV	332.00	200	Vertical	N/A
4	7348.450	50.08	-3.77	74.0	23.92	Peak	0.00	200	Vertical	Pass
4**	7348.450	40.23	-3.77	54.0	13.77	AV	0.00	200	Vertical	Pass
5	12319.037	53.92	1.42	74.0	20.08	Peak	275.00	150	Vertical	Pass
5**	12319.037	43.37	1.42	54.0	10.63	AV	275.00	150	Vertical	Pass
6	15854.325	55.65	1.21	74.0	18.35	Peak	154.00	100	Vertical	Pass
6**	15854.325	46.43	1.21	54.0	7.57	AV	154.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.200	40.66	-17.29	74.0	33.34	Peak	325.00	200	Horizontal	Pass
1**	1436.200	32.34	-17.29	54.0	21.66	AV	325.00	200	Horizontal	Pass
2	4386.600	49.89	-3.30	74.0	24.11	Peak	187.00	300	Horizontal	Pass
2**	4386.600	41.07	-3.30	54.0	12.93	AV	187.00	300	Horizontal	Pass
3	5185.200	101.68	-2.43	--	--	Peak	314.00	100	Horizontal	N/A
3**	5185.200	94.00	-2.43	--	--	AV	314.00	100	Horizontal	N/A
4	7625.888	49.66	-2.77	74.0	24.34	Peak	0.00	200	Horizontal	Pass
4**	7625.888	40.35	-2.77	54.0	13.65	AV	0.00	200	Horizontal	Pass
5	12321.912	52.95	1.42	74.0	21.05	Peak	259.00	150	Horizontal	Pass
5**	12321.912	44.12	1.42	54.0	9.88	AV	259.00	150	Horizontal	Pass
6	16099.237	55.59	1.22	74.0	18.41	Peak	270.00	100	Horizontal	Pass
6**	16099.237	46.34	1.22	54.0	7.66	AV	270.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.200	40.07	-17.29	74.0	33.93	Peak	0.00	200	Vertical	Pass
1**	1437.200	29.50	-17.29	54.0	24.50	AV	0.00	200	Vertical	Pass
2	4381.600	50.51	-3.59	74.0	23.49	Peak	258.00	200	Vertical	Pass
2**	4381.600	41.05	-3.59	54.0	12.95	AV	258.00	200	Vertical	Pass
3	5176.200	99.39	-2.48	--	--	Peak	321.00	150	Vertical	N/A
3**	5176.200	91.89	-2.48	--	--	AV	321.00	150	Vertical	N/A
4	7611.800	49.41	-2.97	74.0	24.59	Peak	200.00	400	Vertical	Pass
4**	7611.800	39.85	-2.97	54.0	14.15	AV	200.00	400	Vertical	Pass
5	12280.225	52.88	1.80	74.0	21.12	Peak	252.00	150	Vertical	Pass
5**	12280.225	43.91	1.80	54.0	10.09	AV	252.00	150	Vertical	Pass
6	15804.188	55.95	2.28	74.0	18.05	Peak	159.00	300	Vertical	Pass
6**	15804.188	46.53	2.28	54.0	7.47	AV	159.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	40.78	-17.31	74.0	33.22	Peak	308.00	400	Horizontal	Pass
1**	1437.800	30.52	-17.31	54.0	23.48	AV	308.00	400	Horizontal	Pass
2	4396.600	50.57	-4.00	74.0	23.43	Peak	68.00	400	Horizontal	Pass
2**	4396.600	41.10	-4.00	54.0	12.90	AV	68.00	400	Horizontal	Pass
3	5226.200	102.29	-2.64	--	--	Peak	312.00	150	Horizontal	N/A
3**	5226.200	94.79	-2.64	--	--	AV	312.00	150	Horizontal	N/A
4	7442.175	49.86	-3.37	74.0	24.14	Peak	165.00	400	Horizontal	Pass
4**	7442.175	40.24	-3.37	54.0	13.76	AV	165.00	400	Horizontal	Pass
5	11511.451	53.00	-0.26	74.0	21.00	Peak	198.00	150	Horizontal	Pass
5**	11511.451	43.23	-0.26	54.0	10.77	AV	198.00	150	Horizontal	Pass
6	16021.276	55.44	0.56	74.0	18.56	Peak	44.00	100	Horizontal	Pass
6**	16021.276	46.10	0.56	54.0	7.90	AV	44.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.900	39.28	-17.08	74.0	34.72	Peak	360.00	200	Vertical	Pass
1**	1528.900	29.31	-17.08	54.0	24.69	AV	360.00	200	Vertical	Pass
2	4385.000	50.23	-3.47	74.0	23.77	Peak	0.00	100	Vertical	Pass
2**	4385.000	40.84	-3.47	54.0	13.16	AV	0.00	100	Vertical	Pass
3	5224.200	100.30	-2.65	--	--	Peak	329.00	100	Vertical	N/A
3**	5224.200	92.95	-2.65	--	--	AV	329.00	100	Vertical	N/A
4	7380.075	49.72	-3.47	74.0	24.28	Peak	321.00	400	Vertical	Pass
4**	7380.075	40.73	-3.47	54.0	13.27	AV	321.00	400	Vertical	Pass
5	12074.087	53.46	0.69	74.0	20.54	Peak	237.00	100	Vertical	Pass
5**	12074.087	42.82	0.69	54.0	11.18	AV	237.00	100	Vertical	Pass
6	15499.950	56.28	1.16	74.0	17.72	Peak	228.00	200	Vertical	Pass
6**	15499.950	47.57	1.16	54.0	6.43	AV	228.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	40.45	-17.25	74.0	33.55	Peak	234.00	200	Horizontal	Pass
1**	1439.900	31.75	-17.25	54.0	22.25	AV	234.00	200	Horizontal	Pass
2	4358.400	50.20	-4.15	74.0	23.80	Peak	113.00	300	Horizontal	Pass
2**	4358.400	41.54	-4.15	54.0	12.46	AV	113.00	300	Horizontal	Pass
3	5238.400	102.58	-2.57	--	--	Peak	321.00	200	Horizontal	N/A
3**	5238.400	94.40	-2.57	--	--	AV	321.00	200	Horizontal	N/A
4	7341.550	49.45	-3.12	74.0	24.55	Peak	178.00	100	Horizontal	Pass
4**	7341.550	40.99	-3.12	54.0	13.01	AV	178.00	100	Horizontal	Pass
5	11393.000	52.85	-0.20	74.0	21.15	Peak	129.00	200	Horizontal	Pass
5**	11393.000	42.37	-0.20	54.0	11.63	AV	129.00	200	Horizontal	Pass
6	15673.987	56.02	1.51	74.0	17.98	Peak	58.00	400	Horizontal	Pass
6**	15673.987	46.16	1.51	54.0	7.84	AV	58.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	40.86	-17.25	74.0	33.14	Peak	314.00	300	Vertical	Pass
1**	1439.900	31.05	-17.25	54.0	22.95	AV	314.00	300	Vertical	Pass
2	4380.200	50.54	-3.35	74.0	23.46	Peak	64.00	200	Vertical	Pass
2**	4380.200	42.28	-3.35	54.0	11.72	AV	64.00	200	Vertical	Pass
3	5236.200	100.29	-2.50	--	--	Peak	333.00	200	Vertical	N/A
3**	5236.200	92.81	-2.50	--	--	AV	333.00	200	Vertical	N/A
4	7319.987	49.53	-3.06	74.0	24.47	Peak	197.00	100	Vertical	Pass
4**	7319.987	40.03	-3.06	54.0	13.97	AV	197.00	100	Vertical	Pass
5	12285.400	53.37	1.77	74.0	20.63	Peak	148.00	200	Vertical	Pass
5**	12285.400	44.40	1.77	54.0	9.60	AV	148.00	200	Vertical	Pass
6	16081.388	55.68	1.61	74.0	18.32	Peak	222.00	200	Vertical	Pass
6**	16081.388	46.79	1.61	54.0	7.21	AV	222.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.600	40.19	-17.23	74.0	33.81	Peak	320.00	200	Horizontal	Pass
1**	1445.600	30.88	-17.23	54.0	23.12	AV	320.00	200	Horizontal	Pass
2	4383.600	51.08	-3.64	74.0	22.92	Peak	322.00	300	Horizontal	Pass
2**	4383.600	41.83	-3.64	54.0	12.17	AV	322.00	300	Horizontal	Pass
3	5194.800	103.22	-2.39	--	--	Peak	322.00	150	Horizontal	N/A
3**	5194.800	95.03	-2.39	--	--	AV	322.00	150	Horizontal	N/A
4	7627.900	50.10	-2.83	74.0	23.90	Peak	0.00	300	Horizontal	Pass
4**	7627.900	40.27	-2.83	54.0	13.73	AV	0.00	300	Horizontal	Pass
5	12390.912	53.28	1.57	74.0	20.72	Peak	28.00	100	Horizontal	Pass
5**	12390.912	42.70	1.57	54.0	11.30	AV	28.00	100	Horizontal	Pass
6	15991.349	56.01	0.24	74.0	17.99	Peak	16.00	300	Horizontal	Pass
6**	15991.349	45.87	0.24	54.0	8.13	AV	16.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	40.58	-17.27	74.0	33.42	Peak	303.00	200	Vertical	Pass
1**	1439.700	30.70	-17.27	54.0	23.30	AV	303.00	200	Vertical	Pass
2	4380.000	50.17	-3.32	74.0	23.83	Peak	300.00	400	Vertical	Pass
2**	4380.000	41.76	-3.32	54.0	12.24	AV	300.00	400	Vertical	Pass
3	5193.400	100.66	-2.39	--	--	Peak	322.00	200	Vertical	N/A
3**	5193.400	93.68	-2.39	--	--	AV	322.00	200	Vertical	N/A
4	7448.787	50.05	-3.25	74.0	23.95	Peak	283.00	100	Vertical	Pass
4**	7448.787	40.40	-3.25	54.0	13.60	AV	283.00	100	Vertical	Pass
5	12397.237	53.40	1.59	74.0	20.60	Peak	300.00	100	Vertical	Pass
5**	12397.237	43.49	1.59	54.0	10.51	AV	300.00	100	Vertical	Pass
6	15787.912	56.07	1.92	74.0	17.93	Peak	153.00	400	Vertical	Pass
6**	15787.912	46.73	1.92	54.0	7.27	AV	153.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.800	40.61	-17.35	74.0	33.39	Peak	301.00	100	Horizontal	Pass
1**	1438.800	31.21	-17.35	54.0	22.79	AV	301.00	100	Horizontal	Pass
2	4381.800	49.59	-3.63	74.0	24.41	Peak	287.00	300	Horizontal	Pass
2**	4381.800	41.86	-3.63	54.0	12.14	AV	287.00	300	Horizontal	Pass
3	5226.400	104.92	-2.67	--	--	Peak	311.00	100	Horizontal	N/A
3**	5226.400	96.80	-2.67	--	--	AV	311.00	100	Horizontal	N/A
4	7334.075	50.46	-3.17	74.0	23.54	Peak	44.00	300	Horizontal	Pass
4**	7334.075	40.88	-3.17	54.0	13.12	AV	44.00	300	Horizontal	Pass
5	12421.100	53.71	1.40	74.0	20.29	Peak	237.00	100	Horizontal	Pass
5**	12421.100	42.87	1.40	54.0	11.13	AV	237.00	100	Horizontal	Pass
6	15813.375	56.20	2.09	74.0	17.80	Peak	271.00	200	Horizontal	Pass
6**	15813.375	47.85	2.09	54.0	6.15	AV	271.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.100	40.05	-17.06	74.0	33.95	Peak	217.00	400	Vertical	Pass
1**	1442.100	30.09	-17.06	54.0	23.91	AV	217.00	400	Vertical	Pass
2	4387.000	50.03	-3.33	74.0	23.97	Peak	266.00	100	Vertical	Pass
2**	4387.000	41.99	-3.33	54.0	12.01	AV	266.00	100	Vertical	Pass
3	5225.200	101.43	-2.56	--	--	Peak	319.00	200	Vertical	N/A
3**	5225.200	93.33	-2.56	--	--	AV	319.00	200	Vertical	N/A
4	7320.563	49.92	-3.09	74.0	24.08	Peak	333.00	100	Vertical	Pass
4**	7320.563	40.59	-3.09	54.0	13.41	AV	333.00	100	Vertical	Pass
5	12279.075	53.20	1.77	74.0	20.80	Peak	48.00	100	Vertical	Pass
5**	12279.075	43.99	1.77	54.0	10.01	AV	48.00	100	Vertical	Pass
6	15846.974	56.21	1.35	74.0	17.79	Peak	68.00	400	Vertical	Pass
6**	15846.974	46.77	1.35	54.0	7.23	AV	68.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.300	40.68	-17.05	74.0	33.32	Peak	327.00	100	Horizontal	Pass
1**	1442.300	31.25	-17.05	54.0	22.75	AV	327.00	100	Horizontal	Pass
2	4286.200	50.08	-4.34	74.0	23.92	Peak	180.00	400	Horizontal	Pass
2**	4286.200	40.45	-4.34	54.0	13.55	AV	180.00	400	Horizontal	Pass
3	5225.600	98.32	-2.56	--	--	Peak	307.00	200	Horizontal	N/A
3**	5225.600	91.06	-2.56	--	--	AV	307.00	200	Horizontal	N/A
4	7679.938	49.99	-2.42	74.0	24.01	Peak	166.00	200	Horizontal	Pass
4**	7679.938	41.01	-2.42	54.0	12.99	AV	166.00	200	Horizontal	Pass
5	12633.850	52.92	1.30	74.0	21.08	Peak	355.00	100	Horizontal	Pass
5**	12633.850	43.11	1.30	54.0	10.89	AV	355.00	100	Horizontal	Pass
6	15831.224	56.35	1.48	74.0	17.65	Peak	40.00	100	Horizontal	Pass
6**	15831.224	47.39	1.48	54.0	6.61	AV	40.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.900	39.22	-17.27	74.0	34.78	Peak	280.00	100	Vertical	Pass
1**	1436.900	29.87	-17.27	54.0	24.13	AV	280.00	100	Vertical	Pass
2	4386.800	49.82	-3.31	74.0	24.18	Peak	297.00	300	Vertical	Pass
2**	4386.800	41.56	-3.31	54.0	12.44	AV	297.00	300	Vertical	Pass
3	5228.400	95.63	-2.71	--	--	Peak	318.00	200	Vertical	N/A
3**	5228.400	87.75	-2.71	--	--	AV	318.00	200	Vertical	N/A
4	7345.288	50.17	-3.50	74.0	23.83	Peak	29.00	300	Vertical	Pass
4**	7345.288	41.82	-3.50	54.0	12.18	AV	29.00	300	Vertical	Pass
5	12233.362	53.25	1.21	74.0	20.75	Peak	270.00	150	Vertical	Pass
5**	12233.362	43.86	1.21	54.0	10.14	AV	270.00	150	Vertical	Pass
6	16067.213	55.77	1.23	74.0	18.23	Peak	344.00	100	Vertical	Pass
6**	16067.213	46.08	1.23	54.0	7.92	AV	344.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.400	40.61	-17.34	74.0	33.39	Peak	331.00	200	Horizontal	Pass
1**	1438.400	32.27	-17.34	54.0	21.73	AV	331.00	200	Horizontal	Pass
2	4357.000	50.16	-4.15	74.0	23.84	Peak	57.00	300	Horizontal	Pass
2**	4357.000	39.95	-4.15	54.0	14.05	AV	57.00	300	Horizontal	Pass
3	5259.800	103.51	-1.81	--	--	Peak	339.00	200	Horizontal	N/A
3**	5259.800	94.58	-1.81	--	--	AV	339.00	200	Horizontal	N/A
4	7321.713	49.74	-3.21	74.0	24.26	Peak	233.00	300	Horizontal	Pass
4**	7321.713	40.31	-3.21	54.0	13.69	AV	233.00	300	Horizontal	Pass
5	12321.338	53.46	1.42	74.0	20.54	Peak	124.00	100	Horizontal	Pass
5**	12321.338	44.16	1.42	54.0	9.84	AV	124.00	100	Horizontal	Pass
6	15677.138	56.55	1.56	74.0	17.45	Peak	340.00	400	Horizontal	Pass
6**	15677.138	47.03	1.56	54.0	6.97	AV	340.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.700	40.70	-16.94	74.0	33.30	Peak	48.00	200	Vertical	Pass
1**	1622.700	30.42	-16.94	54.0	23.58	AV	48.00	200	Vertical	Pass
2	4391.600	50.31	-3.45	74.0	23.69	Peak	0.00	200	Vertical	Pass
2**	4391.600	41.63	-3.45	54.0	12.37	AV	0.00	200	Vertical	Pass
3	5258.800	102.80	-1.76	--	--	Peak	331.00	200	Vertical	N/A
3**	5258.800	96.05	-1.76	--	--	AV	331.00	200	Vertical	N/A
4	7445.625	49.33	-3.14	74.0	24.67	Peak	88.00	400	Vertical	Pass
4**	7445.625	40.08	-3.14	54.0	13.92	AV	88.00	400	Vertical	Pass
5	12236.812	53.38	1.12	74.0	20.62	Peak	70.00	200	Vertical	Pass
5**	12236.812	44.03	1.12	54.0	9.97	AV	70.00	200	Vertical	Pass
6	15811.276	56.03	2.14	74.0	17.97	Peak	90.00	100	Vertical	Pass
6**	15811.276	46.32	2.14	54.0	7.68	AV	90.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	40.94	-17.31	74.0	33.06	Peak	326.00	300	Horizontal	Pass
1**	1437.800	31.45	-17.31	54.0	22.55	AV	326.00	300	Horizontal	Pass
2	4395.400	51.42	-3.93	74.0	22.58	Peak	117.00	200	Horizontal	Pass
2**	4395.400	40.94	-3.93	54.0	13.06	AV	117.00	200	Horizontal	Pass
3	5302.000	103.48	-2.72	--	--	Peak	321.00	200	Horizontal	N/A
3**	5302.000	95.51	-2.72	--	--	AV	321.00	200	Horizontal	N/A
4	7622.725	49.45	-3.06	74.0	24.55	Peak	339.00	300	Horizontal	Pass
4**	7622.725	40.05	-3.06	54.0	13.95	AV	339.00	300	Horizontal	Pass
5	12266.138	52.88	1.33	74.0	21.12	Peak	291.00	150	Horizontal	Pass
5**	12266.138	43.73	1.33	54.0	10.27	AV	291.00	150	Horizontal	Pass
6	15838.050	56.40	1.45	74.0	17.60	Peak	99.00	100	Horizontal	Pass
6**	15838.050	46.74	1.45	54.0	7.26	AV	99.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.700	39.25	-17.16	74.0	34.75	Peak	293.00	100	Vertical	Pass
1**	1440.700	30.79	-17.16	54.0	23.21	AV	293.00	100	Vertical	Pass
2	4381.400	50.23	-3.56	74.0	23.77	Peak	90.00	100	Vertical	Pass
2**	4381.400	41.07	-3.56	54.0	12.93	AV	90.00	100	Vertical	Pass
3	5307.000	101.68	-2.44	--	--	Peak	319.00	150	Vertical	N/A
3**	5307.000	94.40	-2.44	--	--	AV	319.00	150	Vertical	N/A
4	7365.700	49.55	-3.41	74.0	24.45	Peak	220.00	200	Vertical	Pass
4**	7365.700	40.16	-3.41	54.0	13.84	AV	220.00	200	Vertical	Pass
5	11504.263	52.86	-0.06	74.0	21.14	Peak	64.00	100	Vertical	Pass
5**	11504.263	43.49	-0.06	54.0	10.51	AV	64.00	100	Vertical	Pass
6	16028.888	55.80	0.70	74.0	18.20	Peak	304.00	300	Vertical	Pass
6**	16028.888	46.03	0.70	54.0	7.97	AV	304.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.700	41.50	-17.35	74.0	32.50	Peak	324.00	100	Horizontal	Pass
1**	1438.700	31.26	-17.35	54.0	22.74	AV	324.00	100	Horizontal	Pass
2	4373.600	50.16	-3.85	74.0	23.84	Peak	360.00	300	Horizontal	Pass
2**	4373.600	40.75	-3.85	54.0	13.25	AV	360.00	300	Horizontal	Pass
3	5318.000	103.53	-2.47	--	--	Peak	324.00	100	Horizontal	N/A
3**	5318.000	95.36	-2.47	--	--	AV	324.00	100	Horizontal	N/A
4	7280.600	49.89	-3.02	74.0	24.11	Peak	252.00	100	Horizontal	Pass
4**	7280.600	40.60	-3.02	54.0	13.40	AV	252.00	100	Horizontal	Pass
5	12219.850	53.49	1.22	74.0	20.51	Peak	217.00	150	Horizontal	Pass
5**	12219.850	43.85	1.22	54.0	10.15	AV	217.00	150	Horizontal	Pass
6	15802.087	56.51	2.31	74.0	17.49	Peak	0.00	300	Horizontal	Pass
6**	15802.087	47.78	2.31	54.0	6.22	AV	0.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.400	40.63	-17.30	74.0	33.37	Peak	291.00	300	Vertical	Pass
1**	1439.400	29.99	-17.30	54.0	24.01	AV	291.00	300	Vertical	Pass
2	4378.200	49.98	-3.44	74.0	24.02	Peak	150.00	100	Vertical	Pass
2**	4378.200	41.27	-3.44	54.0	12.73	AV	150.00	100	Vertical	Pass
3	5318.800	102.31	-2.36	--	--	Peak	326.00	100	Vertical	N/A
3**	5318.800	94.87	-2.36	--	--	AV	326.00	100	Vertical	N/A
4	7673.325	49.45	-2.29	74.0	24.55	Peak	97.00	300	Vertical	Pass
4**	7673.325	40.48	-2.29	54.0	13.52	AV	97.00	300	Vertical	Pass
5	12605.388	53.58	1.91	74.0	20.42	Peak	58.00	200	Vertical	Pass
5**	12605.388	43.75	1.91	54.0	10.25	AV	58.00	200	Vertical	Pass
6	15628.313	55.97	1.71	74.0	18.03	Peak	295.00	100	Vertical	Pass
6**	15628.313	46.26	1.71	54.0	7.74	AV	295.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.300	40.71	-17.21	74.0	33.29	Peak	324.00	200	Horizontal	Pass
1**	1440.300	32.68	-17.21	54.0	21.32	AV	324.00	200	Horizontal	Pass
2	4387.600	51.07	-3.37	74.0	22.93	Peak	252.00	300	Horizontal	Pass
2**	4387.600	41.83	-3.37	54.0	12.17	AV	252.00	300	Horizontal	Pass
3	5256.600	102.46	-1.95	--	--	Peak	320.00	150	Horizontal	N/A
3**	5256.600	94.57	-1.95	--	--	AV	320.00	150	Horizontal	N/A
4	7338.387	49.82	-2.90	74.0	24.18	Peak	101.00	200	Horizontal	Pass
4**	7338.387	40.49	-2.90	54.0	13.51	AV	101.00	200	Horizontal	Pass
5	12037.862	53.18	0.82	74.0	20.82	Peak	135.00	100	Horizontal	Pass
5**	12037.862	42.75	0.82	54.0	11.25	AV	135.00	100	Horizontal	Pass
6	15499.425	55.95	1.15	74.0	18.05	Peak	303.00	200	Horizontal	Pass
6**	15499.425	46.04	1.15	54.0	7.96	AV	303.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	39.97	-17.23	74.0	34.03	Peak	290.00	100	Vertical	Pass
1**	1440.100	30.65	-17.23	54.0	23.35	AV	290.00	100	Vertical	Pass
2	4385.800	49.93	-3.33	74.0	24.07	Peak	29.00	300	Vertical	Pass
2**	4385.800	41.73	-3.33	54.0	12.27	AV	29.00	300	Vertical	Pass
3	5261.400	101.53	-2.05	--	--	Peak	333.00	100	Vertical	N/A
3**	5261.400	93.55	-2.05	--	--	AV	333.00	100	Vertical	N/A
4	7360.813	49.47	-3.81	74.0	24.53	Peak	174.00	100	Vertical	Pass
4**	7360.813	40.24	-3.81	54.0	13.76	AV	174.00	100	Vertical	Pass
5	12277.638	53.01	1.72	74.0	20.99	Peak	108.00	100	Vertical	Pass
5**	12277.638	43.39	1.72	54.0	10.61	AV	108.00	100	Vertical	Pass
6	15840.675	56.11	1.44	74.0	17.89	Peak	84.00	100	Vertical	Pass
6**	15840.675	46.69	1.44	54.0	7.31	AV	84.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.900	41.31	-17.32	74.0	32.69	Peak	323.00	100	Horizontal	Pass
1**	1437.900	32.79	-17.32	54.0	21.21	AV	323.00	100	Horizontal	Pass
2	4288.400	49.80	-4.56	74.0	24.20	Peak	303.00	200	Horizontal	Pass
2**	4288.400	39.90	-4.56	54.0	14.10	AV	303.00	200	Horizontal	Pass
3	5306.000	102.66	-2.55	--	--	Peak	318.00	150	Horizontal	N/A
3**	5306.000	94.92	-2.55	--	--	AV	318.00	150	Horizontal	N/A
4	7283.188	49.18	-3.45	74.0	24.82	Peak	78.00	200	Horizontal	Pass
4**	7283.188	40.27	-3.45	54.0	13.73	AV	78.00	200	Horizontal	Pass
5	12280.225	53.49	1.80	74.0	20.51	Peak	291.00	100	Horizontal	Pass
5**	12280.225	44.00	1.80	54.0	10.00	AV	291.00	100	Horizontal	Pass
6	15808.388	55.75	2.20	74.0	18.25	Peak	115.00	100	Horizontal	Pass
6**	15808.388	47.05	2.20	54.0	6.95	AV	115.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	39.96	-17.23	74.0	34.04	Peak	307.00	100	Vertical	Pass
1**	1440.100	30.86	-17.23	54.0	23.14	AV	307.00	100	Vertical	Pass
2	4384.200	50.09	-3.61	74.0	23.91	Peak	81.00	100	Vertical	Pass
2**	4384.200	41.53	-3.61	54.0	12.47	AV	81.00	100	Vertical	Pass
3	5302.000	101.46	-2.72	--	--	Peak	329.00	150	Vertical	N/A
3**	5302.000	94.37	-2.72	--	--	AV	329.00	150	Vertical	N/A
4	7341.550	50.72	-3.12	74.0	23.28	Peak	150.00	100	Vertical	Pass
4**	7341.550	40.71	-3.12	54.0	13.29	AV	150.00	100	Vertical	Pass
5	12237.963	52.90	1.10	74.0	21.10	Peak	31.00	100	Vertical	Pass
5**	12237.963	43.58	1.10	54.0	10.42	AV	31.00	100	Vertical	Pass
6	16074.825	55.81	1.53	74.0	18.19	Peak	293.00	100	Vertical	Pass
6**	16074.825	46.77	1.53	54.0	7.23	AV	293.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.000	41.17	-17.32	74.0	32.83	Peak	312.00	100	Horizontal	Pass
1**	1438.000	31.84	-17.32	54.0	22.16	AV	312.00	100	Horizontal	Pass
2	4378.200	50.43	-3.44	74.0	23.57	Peak	249.00	200	Horizontal	Pass
2**	4378.200	41.74	-3.44	54.0	12.26	AV	249.00	200	Horizontal	Pass
3	5316.800	103.68	-2.62	--	--	Peak	314.00	100	Horizontal	N/A
3**	5316.800	95.42	-2.62	--	--	AV	314.00	100	Horizontal	N/A
4	7322.575	49.89	-3.31	74.0	24.11	Peak	127.00	100	Horizontal	Pass
4**	7322.575	40.42	-3.31	54.0	13.58	AV	127.00	100	Horizontal	Pass
5	12518.563	53.05	1.49	74.0	20.95	Peak	314.00	150	Horizontal	Pass
5**	12518.563	43.12	1.49	54.0	10.88	AV	314.00	150	Horizontal	Pass
6	15838.050	55.72	1.45	74.0	18.28	Peak	106.00	400	Horizontal	Pass
6**	15838.050	47.34	1.45	54.0	6.66	AV	106.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.200	42.01	-17.22	74.0	31.99	Peak	288.00	400	Vertical	Pass
1**	1440.200	31.69	-17.22	54.0	22.31	AV	288.00	400	Vertical	Pass
2	4386.000	50.25	-3.30	74.0	23.75	Peak	200.00	300	Vertical	Pass
2**	4386.000	41.50	-3.30	54.0	12.50	AV	200.00	300	Vertical	Pass
3	5321.600	101.79	-2.21	--	--	Peak	280.00	100	Vertical	N/A
3**	5321.600	94.51	-2.21	--	--	AV	280.00	100	Vertical	N/A
4	7504.563	49.90	-3.04	74.0	24.10	Peak	71.00	400	Vertical	Pass
4**	7504.563	39.78	-3.04	54.0	14.22	AV	71.00	400	Vertical	Pass
5	12607.974	52.98	1.90	74.0	21.02	Peak	351.00	100	Vertical	Pass
5**	12607.974	43.68	1.90	54.0	10.32	AV	351.00	100	Vertical	Pass
6	15854.063	56.17	1.22	74.0	17.83	Peak	299.00	300	Vertical	Pass
6**	15854.063	46.76	1.22	54.0	7.24	AV	299.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.300	41.46	-17.29	74.0	32.54	Peak	319.00	300	Horizontal	Pass
1**	1436.300	32.84	-17.29	54.0	21.16	AV	319.00	300	Horizontal	Pass
2	4378.200	50.23	-3.44	74.0	23.77	Peak	189.00	100	Horizontal	Pass
2**	4378.200	42.23	-3.44	54.0	11.77	AV	189.00	100	Horizontal	Pass
3	5286.600	101.74	-2.71	--	--	Peak	323.00	100	Horizontal	N/A
3**	5286.600	93.09	-2.71	--	--	AV	323.00	100	Horizontal	N/A
4	7450.800	49.64	-3.19	74.0	24.36	Peak	108.00	400	Horizontal	Pass
4**	7450.800	40.85	-3.19	54.0	13.15	AV	108.00	400	Horizontal	Pass
5	12379.412	52.73	1.45	74.0	21.27	Peak	330.00	150	Horizontal	Pass
5**	12379.412	42.93	1.45	54.0	11.07	AV	330.00	150	Horizontal	Pass
6	15811.800	56.86	2.13	74.0	17.14	Peak	61.00	100	Horizontal	Pass
6**	15811.800	47.15	2.13	54.0	6.85	AV	61.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.400	40.78	-17.09	74.0	33.22	Peak	55.00	100	Vertical	Pass
1**	1624.400	30.64	-17.09	54.0	23.36	AV	55.00	100	Vertical	Pass
2	4392.200	49.89	-3.53	74.0	24.11	Peak	139.00	200	Vertical	Pass
2**	4392.200	41.18	-3.53	54.0	12.82	AV	139.00	200	Vertical	Pass
3	5267.200	100.16	-2.63	--	--	Peak	288.00	100	Vertical	N/A
3**	5267.200	92.45	-2.63	--	--	AV	288.00	100	Vertical	N/A
4	7340.400	49.53	-3.01	74.0	24.47	Peak	29.00	200	Vertical	Pass
4**	7340.400	41.23	-3.01	54.0	12.77	AV	29.00	200	Vertical	Pass
5	12450.425	53.05	1.89	74.0	20.95	Peak	206.00	200	Vertical	Pass
5**	12450.425	43.60	1.89	54.0	10.40	AV	206.00	200	Vertical	Pass
6	16017.599	55.57	0.50	74.0	18.43	Peak	360.00	100	Vertical	Pass
6**	16017.599	47.17	0.50	54.0	6.83	AV	360.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	40.18	-17.29	74.0	33.82	Peak	315.00	300	Horizontal	Pass
1**	1439.500	31.65	-17.29	54.0	22.35	AV	315.00	300	Horizontal	Pass
2	4283.600	51.56	-4.34	74.0	22.44	Peak	173.00	200	Horizontal	Pass
2**	4283.600	39.80	-4.34	54.0	14.20	AV	173.00	200	Horizontal	Pass
3	5307.800	102.66	-2.35	--	--	Peak	326.00	150	Horizontal	N/A
3**	5307.800	95.12	-2.35	--	--	AV	326.00	150	Horizontal	N/A
4	7446.200	49.47	-3.13	74.0	24.53	Peak	91.00	300	Horizontal	Pass
4**	7446.200	40.65	-3.13	54.0	13.35	AV	91.00	300	Horizontal	Pass
5	12277.925	52.91	1.73	74.0	21.09	Peak	187.00	100	Horizontal	Pass
5**	12277.925	44.43	1.73	54.0	9.57	AV	187.00	100	Horizontal	Pass
6	15844.088	55.12	1.38	74.0	18.88	Peak	360.00	200	Horizontal	Pass
6**	15844.088	46.17	1.38	54.0	7.83	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.500	39.55	-17.23	74.0	34.45	Peak	5.00	300	Vertical	Pass
1**	1545.500	29.12	-17.23	54.0	24.88	AV	5.00	300	Vertical	Pass
2	4393.600	50.54	-3.73	74.0	23.46	Peak	146.00	100	Vertical	Pass
2**	4393.600	41.07	-3.73	54.0	12.93	AV	146.00	100	Vertical	Pass
3	5311.600	100.62	-2.35	--	--	Peak	326.00	200	Vertical	N/A
3**	5311.600	93.35	-2.35	--	--	AV	326.00	200	Vertical	N/A
4	7317.112	49.12	-3.27	74.0	24.88	Peak	360.00	200	Vertical	Pass
4**	7317.112	40.42	-3.27	54.0	13.58	AV	360.00	200	Vertical	Pass
5	12237.963	52.93	1.10	74.0	21.07	Peak	352.00	150	Vertical	Pass
5**	12237.963	43.79	1.10	54.0	10.21	AV	352.00	150	Vertical	Pass
6	15805.237	56.99	2.27	74.0	17.01	Peak	360.00	200	Vertical	Pass
6**	15805.237	47.01	2.27	54.0	6.99	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.900	40.50	-17.32	74.0	33.50	Peak	325.00	200	Horizontal	Pass
1**	1437.900	31.78	-17.32	54.0	22.22	AV	325.00	200	Horizontal	Pass
2	4342.800	50.63	-4.06	74.0	23.37	Peak	6.00	100	Horizontal	Pass
2**	4342.800	41.41	-4.06	54.0	12.59	AV	6.00	100	Horizontal	Pass
3	5256.800	102.61	-1.91	--	--	Peak	328.00	150	Horizontal	N/A
3**	5256.800	95.09	-1.91	--	--	AV	328.00	150	Horizontal	N/A
4	7627.612	49.68	-2.79	74.0	24.32	Peak	105.00	200	Horizontal	Pass
4**	7627.612	40.31	-2.79	54.0	13.69	AV	105.00	200	Horizontal	Pass
5	12277.638	53.07	1.72	74.0	20.93	Peak	360.00	200	Horizontal	Pass
5**	12277.638	44.03	1.72	54.0	9.97	AV	360.00	200	Horizontal	Pass
6	15815.474	55.94	2.04	74.0	18.06	Peak	282.00	200	Horizontal	Pass
6**	15815.474	46.72	2.04	54.0	7.28	AV	282.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.700	39.27	-17.16	74.0	34.73	Peak	11.00	300	Vertical	Pass
1**	1440.700	30.22	-17.16	54.0	23.78	AV	11.00	300	Vertical	Pass
2	4386.000	50.53	-3.30	74.0	23.47	Peak	262.00	100	Vertical	Pass
2**	4386.000	42.55	-3.30	54.0	11.45	AV	262.00	100	Vertical	Pass
3	5258.400	102.48	-1.77	--	--	Peak	328.00	150	Vertical	N/A
3**	5258.400	94.88	-1.77	--	--	AV	328.00	150	Vertical	N/A
4	7344.712	49.69	-3.48	74.0	24.31	Peak	80.00	200	Vertical	Pass
4**	7344.712	40.73	-3.48	54.0	13.27	AV	80.00	200	Vertical	Pass
5	11952.763	53.05	1.27	74.0	20.95	Peak	80.00	100	Vertical	Pass
5**	11952.763	43.97	1.27	54.0	10.03	AV	80.00	100	Vertical	Pass
6	16041.487	56.08	0.78	74.0	17.92	Peak	360.00	400	Vertical	Pass
6**	16041.487	46.30	0.78	54.0	7.70	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.900	40.54	-17.32	74.0	33.46	Peak	313.00	200	Horizontal	Pass
1**	1437.900	31.93	-17.32	54.0	22.07	AV	313.00	200	Horizontal	Pass
2	4385.200	49.93	-3.43	74.0	24.07	Peak	96.00	400	Horizontal	Pass
2**	4385.200	41.51	-3.43	54.0	12.49	AV	96.00	400	Horizontal	Pass
3	5303.000	103.35	-2.71	--	--	Peak	328.00	100	Horizontal	N/A
3**	5303.000	95.18	-2.71	--	--	AV	328.00	100	Horizontal	N/A
4	7332.638	49.45	-3.21	74.0	24.55	Peak	360.00	200	Horizontal	Pass
4**	7332.638	40.17	-3.21	54.0	13.83	AV	360.00	200	Horizontal	Pass
5	12442.662	53.50	1.80	74.0	20.50	Peak	175.00	150	Horizontal	Pass
5**	12442.662	43.32	1.80	54.0	10.68	AV	175.00	150	Horizontal	Pass
6	15845.925	55.80	1.36	74.0	18.20	Peak	68.00	100	Horizontal	Pass
6**	15845.925	45.65	1.36	54.0	8.35	AV	68.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.200	39.54	-17.22	74.0	34.46	Peak	300.00	200	Vertical	Pass
1**	1440.200	30.09	-17.22	54.0	23.91	AV	300.00	200	Vertical	Pass
2	4384.600	49.97	-3.54	74.0	24.03	Peak	227.00	100	Vertical	Pass
2**	4384.600	41.26	-3.54	54.0	12.74	AV	227.00	100	Vertical	Pass
3	5303.400	101.74	-2.71	--	--	Peak	328.00	150	Vertical	N/A
3**	5303.400	94.70	-2.71	--	--	AV	328.00	150	Vertical	N/A
4	7687.987	49.96	-2.21	74.0	24.04	Peak	223.00	400	Vertical	Pass
4**	7687.987	39.93	-2.21	54.0	14.07	AV	223.00	400	Vertical	Pass
5	12335.138	53.11	1.34	74.0	20.89	Peak	64.00	100	Vertical	Pass
5**	12335.138	43.14	1.34	54.0	10.86	AV	64.00	100	Vertical	Pass
6	15802.613	56.01	2.30	74.0	17.99	Peak	360.00	300	Vertical	Pass
6**	15802.613	46.83	2.30	54.0	7.17	AV	360.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.500	40.63	-17.10	74.0	33.37	Peak	332.00	100	Horizontal	Pass
1**	1441.500	31.84	-17.10	54.0	22.16	AV	332.00	100	Horizontal	Pass
2	4390.400	50.03	-3.30	74.0	23.97	Peak	360.00	400	Horizontal	Pass
2**	4390.400	41.76	-3.30	54.0	12.24	AV	360.00	400	Horizontal	Pass
3	5321.600	103.45	-2.21	--	--	Peak	327.00	100	Horizontal	N/A
3**	5321.600	95.54	-2.21	--	--	AV	327.00	100	Horizontal	N/A
4	7338.100	49.86	-2.89	74.0	24.14	Peak	156.00	100	Horizontal	Pass
4**	7338.100	41.44	-2.89	54.0	12.56	AV	156.00	100	Horizontal	Pass
5	11515.763	52.91	-0.35	74.0	21.09	Peak	14.00	100	Horizontal	Pass
5**	11515.763	43.32	-0.35	54.0	10.68	AV	14.00	100	Horizontal	Pass
6	15861.675	56.62	0.89	74.0	17.38	Peak	140.00	300	Horizontal	Pass
6**	15861.675	45.87	0.89	54.0	8.13	AV	140.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.100	39.15	-16.83	74.0	34.85	Peak	308.00	100	Vertical	Pass
1**	1561.100	29.93	-16.83	54.0	24.07	AV	308.00	100	Vertical	Pass
2	4390.200	50.30	-3.31	74.0	23.70	Peak	329.00	200	Vertical	Pass
2**	4390.200	41.95	-3.31	54.0	12.05	AV	329.00	200	Vertical	Pass
3	5314.600	101.86	-2.35	--	--	Peak	329.00	200	Vertical	N/A
3**	5314.600	95.38	-2.35	--	--	AV	329.00	200	Vertical	N/A
4	7338.962	49.59	-2.92	74.0	24.41	Peak	137.00	400	Vertical	Pass
4**	7338.962	41.20	-2.92	54.0	12.80	AV	137.00	400	Vertical	Pass
5	11937.812	53.41	1.69	74.0	20.59	Peak	137.00	200	Vertical	Pass
5**	11937.812	43.27	1.69	54.0	10.73	AV	137.00	200	Vertical	Pass
6	15795.262	56.25	2.18	74.0	17.75	Peak	222.00	200	Vertical	Pass
6**	15795.262	46.82	2.18	54.0	7.18	AV	222.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.600	40.61	-17.30	74.0	33.39	Peak	322.00	400	Horizontal	Pass
1**	1437.600	31.13	-17.30	54.0	22.87	AV	322.00	400	Horizontal	Pass
2	4378.000	49.78	-3.46	74.0	24.22	Peak	199.00	200	Horizontal	Pass
2**	4378.000	41.90	-3.46	54.0	12.10	AV	199.00	200	Horizontal	Pass
3	5275.000	102.83	-2.59	--	--	Peak	317.00	100	Horizontal	N/A
3**	5275.000	96.19	-2.59	--	--	AV	317.00	100	Horizontal	N/A
4	7345.000	49.85	-3.49	74.0	24.15	Peak	242.00	100	Horizontal	Pass
4**	7345.000	40.36	-3.49	54.0	13.64	AV	242.00	100	Horizontal	Pass
5	12285.688	53.32	1.76	74.0	20.68	Peak	119.00	200	Horizontal	Pass
5**	12285.688	43.88	1.76	54.0	10.12	AV	119.00	200	Horizontal	Pass
6	16101.338	55.72	1.14	74.0	18.28	Peak	179.00	400	Horizontal	Pass
6**	16101.338	46.01	1.14	54.0	7.99	AV	179.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	39.24	-16.87	74.0	34.76	Peak	55.00	300	Vertical	Pass
1**	1494.300	30.88	-16.87	54.0	23.12	AV	55.00	300	Vertical	Pass
2	4317.200	50.32	-4.11	74.0	23.68	Peak	22.00	200	Vertical	Pass
2**	4317.200	40.77	-4.11	54.0	13.23	AV	22.00	200	Vertical	Pass
3	5275.200	100.82	-2.59	--	--	Peak	329.00	150	Vertical	N/A
3**	5275.200	92.89	-2.59	--	--	AV	329.00	150	Vertical	N/A
4	7447.063	49.81	-3.19	74.0	24.19	Peak	14.00	200	Vertical	Pass
4**	7447.063	40.25	-3.19	54.0	13.75	AV	14.00	200	Vertical	Pass
5	12285.400	53.05	1.77	74.0	20.95	Peak	50.00	200	Vertical	Pass
5**	12285.400	43.99	1.77	54.0	10.01	AV	50.00	200	Vertical	Pass
6	15811.800	55.76	2.13	74.0	18.24	Peak	238.00	300	Vertical	Pass
6**	15811.800	46.02	2.13	54.0	7.98	AV	238.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.400	40.56	-17.29	74.0	33.44	Peak	321.00	400	Horizontal	Pass
1**	1437.400	30.94	-17.29	54.0	23.06	AV	321.00	400	Horizontal	Pass
2	4380.600	49.97	-3.42	74.0	24.03	Peak	269.00	400	Horizontal	Pass
2**	4380.600	41.51	-3.42	54.0	12.49	AV	269.00	400	Horizontal	Pass
3	5315.000	102.55	-2.39	--	--	Peak	320.00	200	Horizontal	N/A
3**	5315.000	94.33	-2.39	--	--	AV	320.00	200	Horizontal	N/A
4	7627.612	49.37	-2.79	74.0	24.63	Peak	219.00	200	Horizontal	Pass
4**	7627.612	40.43	-2.79	54.0	13.57	AV	219.00	200	Horizontal	Pass
5	11935.799	53.05	1.69	74.0	20.95	Peak	203.00	150	Horizontal	Pass
5**	11935.799	43.84	1.69	54.0	10.16	AV	203.00	150	Horizontal	Pass
6	15807.863	56.09	2.21	74.0	17.91	Peak	343.00	200	Horizontal	Pass
6**	15807.863	45.50	2.21	54.0	8.50	AV	343.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.100	39.16	-17.17	74.0	34.84	Peak	51.00	200	Vertical	Pass
1**	1626.100	31.18	-17.17	54.0	22.82	AV	51.00	200	Vertical	Pass
2	4392.000	49.54	-3.50	74.0	24.46	Peak	68.00	400	Vertical	Pass
2**	4392.000	41.12	-3.50	54.0	12.88	AV	68.00	400	Vertical	Pass
3	5308.200	101.26	-2.30	--	--	Peak	320.00	150	Vertical	N/A
3**	5308.200	93.54	-2.30	--	--	AV	320.00	150	Vertical	N/A
4	7444.763	49.81	-3.20	74.0	24.19	Peak	13.00	300	Vertical	Pass
4**	7444.763	39.96	-3.20	54.0	14.04	AV	13.00	300	Vertical	Pass
5	12437.488	53.02	1.74	74.0	20.98	Peak	213.00	200	Vertical	Pass
5**	12437.488	43.93	1.74	54.0	10.07	AV	213.00	200	Vertical	Pass
6	15818.362	55.75	1.94	74.0	18.25	Peak	75.00	300	Vertical	Pass
6**	15818.362	46.76	1.94	54.0	7.24	AV	75.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.600	40.15	-17.09	74.0	33.85	Peak	329.00	300	Horizontal	Pass
1**	1441.600	31.86	-17.09	54.0	22.14	AV	329.00	300	Horizontal	Pass
2	4385.800	51.26	-3.33	74.0	22.74	Peak	109.00	300	Horizontal	Pass
2**	4385.800	40.97	-3.33	54.0	13.03	AV	109.00	300	Horizontal	Pass
3	5306.800	98.48	-2.47	--	--	Peak	317.00	150	Horizontal	N/A
3**	5306.800	90.89	-2.47	--	--	AV	317.00	150	Horizontal	N/A
4	7686.263	49.56	-1.94	74.0	24.44	Peak	82.00	300	Horizontal	Pass
4**	7686.263	41.14	-1.94	54.0	12.86	AV	82.00	300	Horizontal	Pass
5	12273.325	53.23	1.56	74.0	20.77	Peak	134.00	200	Horizontal	Pass
5**	12273.325	44.05	1.56	54.0	9.95	AV	134.00	200	Horizontal	Pass
6	15805.237	55.92	2.27	74.0	18.08	Peak	325.00	200	Horizontal	Pass
6**	15805.237	46.78	2.27	54.0	7.22	AV	325.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.700	40.31	-17.15	74.0	33.69	Peak	55.00	100	Vertical	Pass
1**	1625.700	29.60	-17.15	54.0	24.40	AV	55.00	100	Vertical	Pass
2	4385.600	50.29	-3.36	74.0	23.71	Peak	47.00	100	Vertical	Pass
2**	4385.600	42.49	-3.36	54.0	11.51	AV	47.00	100	Vertical	Pass
3	5307.600	97.03	-2.37	--	--	Peak	331.00	100	Vertical	N/A
3**	5307.600	89.76	-2.37	--	--	AV	331.00	100	Vertical	N/A
4	7329.187	51.33	-3.56	74.0	22.67	Peak	217.00	200	Vertical	Pass
4**	7329.187	40.95	-3.56	54.0	13.05	AV	217.00	200	Vertical	Pass
5	12415.062	53.00	1.41	74.0	21.00	Peak	182.00	150	Vertical	Pass
5**	12415.062	43.72	1.41	54.0	10.28	AV	182.00	150	Vertical	Pass
6	16183.763	55.71	1.52	74.0	18.29	Peak	249.00	400	Vertical	Pass
6**	16183.763	45.48	1.52	54.0	8.52	AV	249.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.300	40.07	-17.13	74.0	33.93	Peak	333.00	200	Horizontal	Pass
1**	1444.300	30.80	-17.13	54.0	23.20	AV	333.00	200	Horizontal	Pass
2	4387.800	50.29	-3.38	74.0	23.71	Peak	197.00	300	Horizontal	Pass
2**	4387.800	42.05	-3.38	54.0	11.95	AV	197.00	300	Horizontal	Pass
3	5502.400	104.51	-1.37	--	--	Peak	310.00	150	Horizontal	N/A
3**	5502.400	96.83	-1.37	--	--	AV	310.00	150	Horizontal	N/A
4	7345.000	49.86	-3.49	74.0	24.14	Peak	266.00	400	Horizontal	Pass
4**	7345.000	41.11	-3.49	54.0	12.89	AV	266.00	400	Horizontal	Pass
5	12517.701	53.09	1.50	74.0	20.91	Peak	142.00	100	Horizontal	Pass
5**	12517.701	43.66	1.50	54.0	10.34	AV	142.00	100	Horizontal	Pass
6	15636.712	56.09	1.48	74.0	17.91	Peak	236.00	300	Horizontal	Pass
6**	15636.712	46.41	1.48	54.0	7.59	AV	236.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.800	38.85	-17.20	74.0	35.15	Peak	34.00	400	Vertical	Pass
1**	1477.800	28.99	-17.20	54.0	25.01	AV	34.00	400	Vertical	Pass
2	4396.000	51.36	-3.96	74.0	22.64	Peak	179.00	400	Vertical	Pass
2**	4396.000	40.23	-3.96	54.0	13.77	AV	179.00	400	Vertical	Pass
3	5497.600	104.37	-1.57	--	--	Peak	321.00	100	Vertical	N/A
3**	5497.600	96.44	-1.57	--	--	AV	321.00	100	Vertical	N/A
4	7341.263	50.19	-3.09	74.0	23.81	Peak	359.00	300	Vertical	Pass
4**	7341.263	41.11	-3.09	54.0	12.89	AV	359.00	300	Vertical	Pass
5	12281.950	52.87	1.79	74.0	21.13	Peak	98.00	200	Vertical	Pass
5**	12281.950	44.05	1.79	54.0	9.95	AV	98.00	200	Vertical	Pass
6	15844.350	56.05	1.38	74.0	17.95	Peak	0.00	400	Vertical	Pass
6**	15844.350	46.77	1.38	54.0	7.23	AV	0.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.500	39.23	-17.10	74.0	34.77	Peak	334.00	200	Horizontal	Pass
1**	1441.500	31.01	-17.10	54.0	22.99	AV	334.00	200	Horizontal	Pass
2	4387.400	50.18	-3.35	74.0	23.82	Peak	170.00	200	Horizontal	Pass
2**	4387.400	41.79	-3.35	54.0	12.21	AV	170.00	200	Horizontal	Pass
3	5578.400	104.58	-1.60	--	--	Peak	307.00	100	Horizontal	N/A
3**	5578.400	97.75	-1.60	--	--	AV	307.00	100	Horizontal	N/A
4	7341.550	50.51	-3.12	74.0	23.49	Peak	30.00	300	Horizontal	Pass
4**	7341.550	41.81	-3.12	54.0	12.19	AV	30.00	300	Horizontal	Pass
5	12314.438	53.38	1.40	74.0	20.62	Peak	63.00	200	Horizontal	Pass
5**	12314.438	44.06	1.40	54.0	9.94	AV	63.00	200	Horizontal	Pass
6	15647.213	55.69	1.21	74.0	18.31	Peak	213.00	400	Horizontal	Pass
6**	15647.213	45.96	1.21	54.0	8.04	AV	213.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.400	39.67	-17.14	74.0	34.33	Peak	258.00	400	Vertical	Pass
1**	1625.400	29.98	-17.14	54.0	24.02	AV	258.00	400	Vertical	Pass
2	4385.800	50.32	-3.33	74.0	23.68	Peak	247.00	200	Vertical	Pass
2**	4385.800	41.89	-3.33	54.0	12.11	AV	247.00	200	Vertical	Pass
3	5578.600	105.13	-1.61	--	--	Peak	6.00	100	Vertical	N/A
3**	5578.600	97.41	-1.61	--	--	AV	6.00	100	Vertical	N/A
4	7342.700	50.61	-3.27	74.0	23.39	Peak	247.00	300	Vertical	Pass
4**	7342.700	40.95	-3.27	54.0	13.05	AV	247.00	300	Vertical	Pass
5	12599.638	53.55	1.89	74.0	20.45	Peak	46.00	200	Vertical	Pass
5**	12599.638	44.17	1.89	54.0	9.83	AV	46.00	200	Vertical	Pass
6	16075.350	56.54	1.55	74.0	17.46	Peak	120.00	200	Vertical	Pass
6**	16075.350	45.97	1.55	54.0	8.03	AV	120.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.200	39.92	-17.01	74.0	34.08	Peak	317.00	400	Horizontal	Pass
1**	1443.200	30.59	-17.01	54.0	23.41	AV	317.00	400	Horizontal	Pass
2	4347.200	50.12	-4.26	74.0	23.88	Peak	324.00	300	Horizontal	Pass
2**	4347.200	39.76	-4.26	54.0	14.24	AV	324.00	300	Horizontal	Pass
3	5697.400	107.31	-1.18	--	--	Peak	221.00	200	Horizontal	N/A
3**	5697.400	99.22	-1.18	--	--	AV	221.00	200	Horizontal	N/A
4	7284.050	49.60	-3.47	74.0	24.40	Peak	280.00	200	Horizontal	Pass
4**	7284.050	39.77	-3.47	54.0	14.23	AV	280.00	200	Horizontal	Pass
5	11944.424	53.34	1.56	74.0	20.66	Peak	244.00	100	Horizontal	Pass
5**	11944.424	43.43	1.56	54.0	10.57	AV	244.00	100	Horizontal	Pass
6	15843.037	55.86	1.40	74.0	18.14	Peak	80.00	100	Horizontal	Pass
6**	15843.037	46.67	1.40	54.0	7.33	AV	80.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	40.75	-16.96	74.0	33.25	Peak	68.00	300	Vertical	Pass
1**	1499.900	29.51	-16.96	54.0	24.49	AV	68.00	300	Vertical	Pass
2	4377.200	50.14	-3.65	74.0	23.86	Peak	33.00	100	Vertical	Pass
2**	4377.200	41.31	-3.65	54.0	12.69	AV	33.00	100	Vertical	Pass
3	5706.800	106.49	-1.93	--	--	Peak	271.00	200	Vertical	N/A
3**	5706.800	98.34	-1.93	--	--	AV	271.00	200	Vertical	N/A
4	7348.450	49.71	-3.77	74.0	24.29	Peak	360.00	400	Vertical	Pass
4**	7348.450	40.74	-3.77	54.0	13.26	AV	360.00	400	Vertical	Pass
5	12413.050	53.33	1.43	74.0	20.67	Peak	46.00	100	Vertical	Pass
5**	12413.050	43.28	1.43	54.0	10.72	AV	46.00	100	Vertical	Pass
6	15853.013	57.05	1.25	74.0	16.95	Peak	68.00	200	Vertical	Pass
6**	15853.013	48.30	1.25	54.0	5.70	AV	68.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.700	38.98	-16.82	74.0	35.02	Peak	51.00	300	Horizontal	Pass
1**	1506.700	30.06	-16.82	54.0	23.94	AV	51.00	300	Horizontal	Pass
2	4388.000	50.49	-3.39	74.0	23.51	Peak	130.00	100	Horizontal	Pass
2**	4388.000	41.22	-3.39	54.0	12.78	AV	130.00	100	Horizontal	Pass
3	5502.200	104.75	-1.37	--	--	Peak	0.00	150	Horizontal	N/A
3**	5502.200	97.50	-1.37	--	--	AV	0.00	150	Horizontal	N/A
4	7365.412	49.88	-3.34	74.0	24.12	Peak	340.00	300	Horizontal	Pass
4**	7365.412	40.26	-3.34	54.0	13.74	AV	340.00	300	Horizontal	Pass
5	12691.637	53.32	0.84	74.0	20.68	Peak	244.00	100	Horizontal	Pass
5**	12691.637	43.72	0.84	54.0	10.28	AV	244.00	100	Horizontal	Pass
6	16080.338	55.78	1.63	74.0	18.22	Peak	93.00	100	Horizontal	Pass
6**	16080.338	46.81	1.63	54.0	7.19	AV	93.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.400	40.46	-16.91	74.0	33.54	Peak	43.00	100	Vertical	Pass
1**	1622.400	29.83	-16.91	54.0	24.17	AV	43.00	100	Vertical	Pass
2	4392.400	50.01	-3.55	74.0	23.99	Peak	0.00	100	Vertical	Pass
2**	4392.400	41.85	-3.55	54.0	12.15	AV	0.00	100	Vertical	Pass
3	5505.600	104.91	-1.07	--	--	Peak	327.00	150	Vertical	N/A
3**	5505.600	97.38	-1.07	--	--	AV	327.00	150	Vertical	N/A
4	7333.788	49.73	-3.14	74.0	24.27	Peak	312.00	100	Vertical	Pass
4**	7333.788	41.86	-3.14	54.0	12.14	AV	312.00	100	Vertical	Pass
5	12279.075	53.55	1.77	74.0	20.45	Peak	145.00	100	Vertical	Pass
5**	12279.075	44.23	1.77	54.0	9.77	AV	145.00	100	Vertical	Pass
6	15671.625	56.21	1.46	74.0	17.79	Peak	340.00	400	Vertical	Pass
6**	15671.625	46.50	1.46	54.0	7.50	AV	340.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.300	39.26	-17.29	74.0	34.74	Peak	352.00	200	Horizontal	Pass
1**	1437.300	30.70	-17.29	54.0	23.30	AV	352.00	200	Horizontal	Pass
2	4373.600	49.76	-3.85	74.0	24.24	Peak	140.00	200	Horizontal	Pass
2**	4373.600	41.21	-3.85	54.0	12.79	AV	140.00	200	Horizontal	Pass
3	5582.000	104.33	-1.73	--	--	Peak	217.00	150	Horizontal	N/A
3**	5582.000	96.63	-1.73	--	--	AV	217.00	150	Horizontal	N/A
4	7454.250	49.87	-3.53	74.0	24.13	Peak	33.00	200	Horizontal	Pass
4**	7454.250	40.03	-3.53	54.0	13.97	AV	33.00	200	Horizontal	Pass
5	12595.900	53.26	1.80	74.0	20.74	Peak	161.00	100	Horizontal	Pass
5**	12595.900	42.99	1.80	54.0	11.01	AV	161.00	100	Horizontal	Pass
6	15780.563	55.90	1.57	74.0	18.10	Peak	0.00	400	Horizontal	Pass
6**	15780.563	45.68	1.57	54.0	8.32	AV	0.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.300	39.16	-16.94	74.0	34.84	Peak	41.00	400	Vertical	Pass
1**	1621.300	30.01	-16.94	54.0	23.99	AV	41.00	400	Vertical	Pass
2	4232.000	49.66	-3.84	74.0	24.34	Peak	127.00	200	Vertical	Pass
2**	4232.000	41.16	-3.84	54.0	12.84	AV	127.00	200	Vertical	Pass
3	5578.600	105.26	-1.61	--	--	Peak	268.00	150	Vertical	N/A
3**	5578.600	96.96	-1.61	--	--	AV	268.00	150	Vertical	N/A
4	7339.825	50.06	-2.95	74.0	23.94	Peak	309.00	100	Vertical	Pass
4**	7339.825	41.50	-2.95	54.0	12.50	AV	309.00	100	Vertical	Pass
5	12404.712	52.94	1.49	74.0	21.06	Peak	360.00	150	Vertical	Pass
5**	12404.712	43.19	1.49	54.0	10.81	AV	360.00	150	Vertical	Pass
6	15832.537	55.66	1.47	74.0	18.34	Peak	27.00	100	Vertical	Pass
6**	15832.537	46.93	1.47	54.0	7.07	AV	27.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.600	39.66	-17.21	74.0	34.34	Peak	326.00	100	Horizontal	Pass
1**	1597.600	29.57	-17.21	54.0	24.43	AV	326.00	100	Horizontal	Pass
2	4373.600	50.22	-3.85	74.0	23.78	Peak	106.00	300	Horizontal	Pass
2**	4373.600	41.02	-3.85	54.0	12.98	AV	106.00	300	Horizontal	Pass
3	5696.800	105.45	-1.19	--	--	Peak	207.00	150	Horizontal	N/A
3**	5696.800	98.09	-1.19	--	--	AV	207.00	150	Horizontal	N/A
4	7687.125	49.50	-2.08	74.0	24.50	Peak	155.00	100	Horizontal	Pass
4**	7687.125	41.57	-2.08	54.0	12.43	AV	155.00	100	Horizontal	Pass
5	12218.988	52.95	1.22	74.0	21.05	Peak	208.00	150	Horizontal	Pass
5**	12218.988	42.92	1.22	54.0	11.08	AV	208.00	150	Horizontal	Pass
6	16026.526	56.48	0.69	74.0	17.52	Peak	220.00	200	Horizontal	Pass
6**	16026.526	46.21	0.69	54.0	7.79	AV	220.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	41.45	-17.03	74.0	32.55	Peak	88.00	200	Vertical	Pass
1**	1499.500	30.04	-17.03	54.0	23.96	AV	88.00	200	Vertical	Pass
2	4395.000	50.46	-3.90	74.0	23.54	Peak	267.00	400	Vertical	Pass
2**	4395.000	40.89	-3.90	54.0	13.11	AV	267.00	400	Vertical	Pass
3	5706.600	104.93	-1.90	--	--	Peak	253.00	100	Vertical	N/A
3**	5706.600	97.18	-1.90	--	--	AV	253.00	100	Vertical	N/A
4	7685.975	49.79	-1.99	74.0	24.21	Peak	327.00	100	Vertical	Pass
4**	7685.975	41.12	-1.99	54.0	12.88	AV	327.00	100	Vertical	Pass
5	12241.700	53.72	1.05	74.0	20.28	Peak	54.00	150	Vertical	Pass
5**	12241.700	43.88	1.05	54.0	10.12	AV	54.00	150	Vertical	Pass
6	15676.613	55.65	1.55	74.0	18.35	Peak	81.00	100	Vertical	Pass
6**	15676.613	46.36	1.55	54.0	7.64	AV	81.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.000	40.67	-17.13	74.0	33.33	Peak	288.00	200	Horizontal	Pass
1**	1441.000	31.52	-17.13	54.0	22.48	AV	288.00	200	Horizontal	Pass
2	4388.200	49.97	-3.41	74.0	24.03	Peak	56.00	200	Horizontal	Pass
2**	4388.200	41.12	-3.41	54.0	12.88	AV	56.00	200	Horizontal	Pass
3	5507.000	103.50	-0.97	--	--	Peak	360.00	100	Horizontal	N/A
3**	5507.000	95.79	-0.97	--	--	AV	360.00	100	Horizontal	N/A
4	7340.975	50.48	-3.07	74.0	23.52	Peak	251.00	100	Horizontal	Pass
4**	7340.975	41.27	-3.07	54.0	12.73	AV	251.00	100	Horizontal	Pass
5	12276.775	53.57	1.68	74.0	20.43	Peak	29.00	150	Horizontal	Pass
5**	12276.775	44.16	1.68	54.0	9.84	AV	29.00	150	Horizontal	Pass
6	15806.287	55.88	2.24	74.0	18.12	Peak	246.00	100	Horizontal	Pass
6**	15806.287	46.73	2.24	54.0	7.27	AV	246.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.700	39.36	-16.87	74.0	34.64	Peak	8.00	400	Vertical	Pass
1**	1500.700	29.76	-16.87	54.0	24.24	AV	8.00	400	Vertical	Pass
2	4379.400	51.12	-3.32	74.0	22.88	Peak	187.00	200	Vertical	Pass
2**	4379.400	41.27	-3.32	54.0	12.73	AV	187.00	200	Vertical	Pass
3	5505.600	103.51	-1.07	--	--	Peak	317.00	200	Vertical	N/A
3**	5505.600	95.72	-1.07	--	--	AV	317.00	200	Vertical	N/A
4	7346.438	49.88	-3.56	74.0	24.12	Peak	167.00	300	Vertical	Pass
4**	7346.438	40.97	-3.56	54.0	13.03	AV	167.00	300	Vertical	Pass
5	12441.224	53.41	1.79	74.0	20.59	Peak	82.00	200	Vertical	Pass
5**	12441.224	43.89	1.79	54.0	10.11	AV	82.00	200	Vertical	Pass
6	16039.388	55.97	0.79	74.0	18.03	Peak	246.00	200	Vertical	Pass
6**	16039.388	45.75	0.79	54.0	8.25	AV	246.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	40.62	-17.25	74.0	33.38	Peak	204.00	100	Horizontal	Pass
1**	1439.900	31.87	-17.25	54.0	22.13	AV	204.00	100	Horizontal	Pass
2	4368.800	50.04	-3.88	74.0	23.96	Peak	287.00	200	Horizontal	Pass
2**	4368.800	40.80	-3.88	54.0	13.20	AV	287.00	200	Horizontal	Pass
3	5573.600	102.34	-1.98	--	--	Peak	219.00	100	Horizontal	N/A
3**	5573.600	94.72	-1.98	--	--	AV	219.00	100	Horizontal	N/A
4	7337.238	49.52	-2.96	74.0	24.48	Peak	0.00	200	Horizontal	Pass
4**	7337.238	40.78	-2.96	54.0	13.22	AV	0.00	200	Horizontal	Pass
5	12631.838	53.36	1.37	74.0	20.64	Peak	263.00	100	Horizontal	Pass
5**	12631.838	43.75	1.37	54.0	10.25	AV	263.00	100	Horizontal	Pass
6	16040.700	56.16	0.79	74.0	17.84	Peak	107.00	400	Horizontal	Pass
6**	16040.700	46.01	0.79	54.0	7.99	AV	107.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.200	40.49	-17.21	74.0	33.51	Peak	54.00	300	Vertical	Pass
1**	1498.200	29.32	-17.21	54.0	24.68	AV	54.00	300	Vertical	Pass
2	4364.800	50.84	-3.94	74.0	23.16	Peak	360.00	300	Vertical	Pass
2**	4364.800	40.42	-3.94	54.0	13.58	AV	360.00	300	Vertical	Pass
3	5585.400	103.68	-1.87	--	--	Peak	261.00	150	Vertical	N/A
3**	5585.400	95.09	-1.87	--	--	AV	261.00	150	Vertical	N/A
4	7324.300	49.78	-3.43	74.0	24.22	Peak	156.00	100	Vertical	Pass
4**	7324.300	40.72	-3.43	54.0	13.28	AV	156.00	100	Vertical	Pass
5	12277.925	53.16	1.73	74.0	20.84	Peak	244.00	200	Vertical	Pass
5**	12277.925	43.84	1.73	54.0	10.16	AV	244.00	200	Vertical	Pass
6	15495.487	56.38	1.06	74.0	17.62	Peak	299.00	400	Vertical	Pass
6**	15495.487	45.71	1.06	54.0	8.29	AV	299.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.100	40.12	-17.00	74.0	33.88	Peak	317.00	200	Horizontal	Pass
1**	1443.100	30.90	-17.00	54.0	23.10	AV	317.00	200	Horizontal	Pass
2	4389.000	49.89	-3.37	74.0	24.11	Peak	0.00	100	Horizontal	Pass
2**	4389.000	41.76	-3.37	54.0	12.24	AV	0.00	100	Horizontal	Pass
3	5665.400	103.40	-2.29	--	--	Peak	207.00	100	Horizontal	N/A
3**	5665.400	96.09	-2.29	--	--	AV	207.00	100	Horizontal	N/A
4	7332.925	50.07	-3.17	74.0	23.93	Peak	298.00	100	Horizontal	Pass
4**	7332.925	40.83	-3.17	54.0	13.17	AV	298.00	100	Horizontal	Pass
5	11829.425	54.35	1.19	74.0	19.65	Peak	360.00	200	Horizontal	Pass
5**	11829.425	43.35	1.19	54.0	10.65	AV	360.00	200	Horizontal	Pass
6	15858.000	56.59	1.03	74.0	17.41	Peak	200.00	200	Horizontal	Pass
6**	15858.000	46.12	1.03	54.0	7.88	AV	200.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.200	39.08	-16.89	74.0	34.92	Peak	322.00	300	Vertical	Pass
1**	1622.200	30.44	-16.89	54.0	23.56	AV	322.00	300	Vertical	Pass
2	4378.800	50.19	-3.38	74.0	23.81	Peak	341.00	400	Vertical	Pass
2**	4378.800	41.91	-3.38	54.0	12.09	AV	341.00	400	Vertical	Pass
3	5667.000	104.05	-2.58	--	--	Peak	219.00	150	Vertical	N/A
3**	5667.000	95.03	-2.58	--	--	AV	219.00	150	Vertical	N/A
4	7337.525	50.03	-2.90	74.0	23.97	Peak	66.00	200	Vertical	Pass
4**	7337.525	40.66	-2.90	54.0	13.34	AV	66.00	200	Vertical	Pass
5	12280.800	52.99	1.80	74.0	21.01	Peak	83.00	150	Vertical	Pass
5**	12280.800	44.84	1.80	54.0	9.16	AV	83.00	150	Vertical	Pass
6	15812.325	55.65	2.12	74.0	18.35	Peak	2.00	100	Vertical	Pass
6**	15812.325	46.40	2.12	54.0	7.60	AV	2.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.900	39.15	-17.06	74.0	34.85	Peak	296.00	100	Horizontal	Pass
1**	1459.900	29.67	-17.06	54.0	24.33	AV	296.00	100	Horizontal	Pass
2	4390.200	50.42	-3.31	74.0	23.58	Peak	317.00	300	Horizontal	Pass
2**	4390.200	41.37	-3.31	54.0	12.63	AV	317.00	300	Horizontal	Pass
3	5501.600	104.79	-1.40	--	--	Peak	219.00	100	Horizontal	N/A
3**	5501.600	96.99	-1.40	--	--	AV	219.00	100	Horizontal	N/A
4	7401.638	50.11	-3.92	74.0	23.89	Peak	321.00	100	Horizontal	Pass
4**	7401.638	40.64	-3.92	54.0	13.36	AV	321.00	100	Horizontal	Pass
5	12322.201	52.96	1.42	74.0	21.04	Peak	321.00	100	Horizontal	Pass
5**	12322.201	44.86	1.42	54.0	9.14	AV	321.00	100	Horizontal	Pass
6	15796.575	56.25	2.22	74.0	17.75	Peak	325.00	100	Horizontal	Pass
6**	15796.575	46.54	2.22	54.0	7.46	AV	325.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.900	39.38	-16.83	74.0	34.62	Peak	337.00	100	Vertical	Pass
1**	1585.900	30.60	-16.83	54.0	23.40	AV	337.00	100	Vertical	Pass
2	4391.800	50.45	-3.48	74.0	23.55	Peak	259.00	100	Vertical	Pass
2**	4391.800	40.81	-3.48	54.0	13.19	AV	259.00	100	Vertical	Pass
3	5501.800	104.86	-1.38	--	--	Peak	259.00	100	Vertical	N/A
3**	5501.800	98.32	-1.38	--	--	AV	259.00	100	Vertical	N/A
4	7457.125	50.14	-3.67	74.0	23.86	Peak	342.00	100	Vertical	Pass
4**	7457.125	40.36	-3.67	54.0	13.64	AV	342.00	100	Vertical	Pass
5	12394.075	53.66	1.60	74.0	20.34	Peak	275.00	100	Vertical	Pass
5**	12394.075	44.24	1.60	54.0	9.76	AV	275.00	100	Vertical	Pass
6	15824.137	55.63	1.68	74.0	18.37	Peak	0.00	300	Vertical	Pass
6**	15824.137	47.59	1.68	54.0	6.41	AV	0.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.900	39.40	-17.32	74.0	34.60	Peak	315.00	300	Horizontal	Pass
1**	1437.900	30.19	-17.32	54.0	23.81	AV	315.00	300	Horizontal	Pass
2	4391.800	50.54	-3.48	74.0	23.46	Peak	60.00	400	Horizontal	Pass
2**	4391.800	42.00	-3.48	54.0	12.00	AV	60.00	400	Horizontal	Pass
3	5574.200	103.77	-1.91	--	--	Peak	218.00	100	Horizontal	N/A
3**	5574.200	97.25	-1.91	--	--	AV	218.00	100	Horizontal	N/A
4	7341.263	49.80	-3.09	74.0	24.20	Peak	222.00	400	Horizontal	Pass
4**	7341.263	40.72	-3.09	54.0	13.28	AV	222.00	400	Horizontal	Pass
5	11517.200	53.22	-0.37	74.0	20.78	Peak	257.00	100	Horizontal	Pass
5**	11517.200	42.91	-0.37	54.0	11.09	AV	257.00	100	Horizontal	Pass
6	15848.549	55.81	1.34	74.0	18.19	Peak	56.00	100	Horizontal	Pass
6**	15848.549	47.05	1.34	54.0	6.95	AV	56.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	38.88	-16.90	74.0	35.12	Peak	2.00	100	Vertical	Pass
1**	1500.200	30.13	-16.90	54.0	23.87	AV	2.00	100	Vertical	Pass
2	4301.800	49.60	-4.31	74.0	24.40	Peak	147.00	100	Vertical	Pass
2**	4301.800	40.23	-4.31	54.0	13.77	AV	147.00	100	Vertical	Pass
3	5574.000	104.76	-1.87	--	--	Peak	265.00	150	Vertical	N/A
3**	5574.000	97.05	-1.87	--	--	AV	265.00	150	Vertical	N/A
4	7337.812	49.92	-2.88	74.0	24.08	Peak	230.00	400	Vertical	Pass
4**	7337.812	41.04	-2.88	54.0	12.96	AV	230.00	400	Vertical	Pass
5	12056.263	52.99	1.01	74.0	21.01	Peak	80.00	200	Vertical	Pass
5**	12056.263	43.38	1.01	54.0	10.62	AV	80.00	200	Vertical	Pass
6	15799.725	55.99	2.33	74.0	18.01	Peak	269.00	100	Vertical	Pass
6**	15799.725	47.14	2.33	54.0	6.86	AV	269.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	40.35	-17.23	74.0	33.65	Peak	280.00	400	Horizontal	Pass
1**	1440.100	34.16	-17.23	54.0	19.84	AV	280.00	400	Horizontal	Pass
2	4380.200	50.15	-3.35	74.0	23.85	Peak	35.00	200	Horizontal	Pass
2**	4380.200	41.21	-3.35	54.0	12.79	AV	35.00	200	Horizontal	Pass
3	5697.600	105.94	-1.16	--	--	Peak	222.00	100	Horizontal	N/A
3**	5697.600	98.75	-1.16	--	--	AV	222.00	100	Horizontal	N/A
4	7395.313	49.50	-3.91	74.0	24.50	Peak	231.00	200	Horizontal	Pass
4**	7395.313	40.74	-3.91	54.0	13.26	AV	231.00	200	Horizontal	Pass
5	11556.300	53.05	-0.42	74.0	20.95	Peak	87.00	150	Horizontal	Pass
5**	11556.300	43.01	-0.42	54.0	10.99	AV	87.00	150	Horizontal	Pass
6	15837.787	55.61	1.45	74.0	18.39	Peak	299.00	200	Horizontal	Pass
6**	15837.787	46.86	1.45	54.0	7.14	AV	299.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.64	-16.94	74.0	34.36	Peak	79.00	300	Vertical	Pass
1**	1500.000	29.30	-16.94	54.0	24.70	AV	79.00	300	Vertical	Pass
2	4285.200	50.14	-4.24	74.0	23.86	Peak	254.00	400	Vertical	Pass
2**	4285.200	40.76	-4.24	54.0	13.24	AV	254.00	400	Vertical	Pass
3	5703.400	105.08	-1.68	--	--	Peak	265.00	150	Vertical	N/A
3**	5703.400	97.84	-1.68	--	--	AV	265.00	150	Vertical	N/A
4	7328.900	49.69	-3.54	74.0	24.31	Peak	86.00	100	Vertical	Pass
4**	7328.900	40.52	-3.54	54.0	13.48	AV	86.00	100	Vertical	Pass
5	12602.225	53.18	1.91	74.0	20.82	Peak	0.00	150	Vertical	Pass
5**	12602.225	43.69	1.91	54.0	10.31	AV	0.00	150	Vertical	Pass
6	15837.787	55.36	1.45	74.0	18.64	Peak	15.00	400	Vertical	Pass
6**	15837.787	46.43	1.45	54.0	7.57	AV	15.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.500	39.69	-17.23	74.0	34.31	Peak	292.00	200	Horizontal	Pass
1**	1445.500	30.53	-17.23	54.0	23.47	AV	292.00	200	Horizontal	Pass
2	4374.000	50.35	-3.92	74.0	23.65	Peak	360.00	300	Horizontal	Pass
2**	4374.000	40.65	-3.92	54.0	13.35	AV	360.00	300	Horizontal	Pass
3	5507.200	103.51	-0.97	--	--	Peak	312.00	200	Horizontal	N/A
3**	5507.200	95.97	-0.97	--	--	AV	312.00	200	Horizontal	N/A
4	7280.025	49.92	-2.99	74.0	24.08	Peak	120.00	200	Horizontal	Pass
4**	7280.025	40.25	-2.99	54.0	13.75	AV	120.00	200	Horizontal	Pass
5	12280.225	53.59	1.80	74.0	20.41	Peak	267.00	200	Horizontal	Pass
5**	12280.225	44.23	1.80	54.0	9.77	AV	267.00	200	Horizontal	Pass
6	15515.175	55.82	1.40	74.0	18.18	Peak	318.00	100	Horizontal	Pass
6**	15515.175	46.46	1.40	54.0	7.54	AV	318.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.700	40.55	-16.94	74.0	33.45	Peak	252.00	100	Vertical	Pass
1**	1622.700	30.31	-16.94	54.0	23.69	AV	252.00	100	Vertical	Pass
2	4379.200	50.09	-3.34	74.0	23.91	Peak	32.00	200	Vertical	Pass
2**	4379.200	41.68	-3.34	54.0	12.32	AV	32.00	200	Vertical	Pass
3	5506.200	103.50	-1.00	--	--	Peak	268.00	150	Vertical	N/A
3**	5506.200	96.19	-1.00	--	--	AV	268.00	150	Vertical	N/A
4	7688.563	50.28	-2.28	74.0	23.72	Peak	360.00	300	Vertical	Pass
4**	7688.563	40.31	-2.28	54.0	13.69	AV	360.00	300	Vertical	Pass
5	12353.537	52.89	1.18	74.0	21.11	Peak	0.00	150	Vertical	Pass
5**	12353.537	43.44	1.18	54.0	10.56	AV	0.00	150	Vertical	Pass
6	15805.763	55.89	2.25	74.0	18.11	Peak	133.00	400	Vertical	Pass
6**	15805.763	46.49	2.25	54.0	7.51	AV	133.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	39.78	-17.27	74.0	34.22	Peak	332.00	200	Horizontal	Pass
1**	1439.700	30.17	-17.27	54.0	23.83	AV	332.00	200	Horizontal	Pass
2	4391.600	50.66	-3.45	74.0	23.34	Peak	100.00	100	Horizontal	Pass
2**	4391.600	41.26	-3.45	54.0	12.74	AV	100.00	100	Horizontal	Pass
3	5593.800	102.77	-2.15	--	--	Peak	212.00	200	Horizontal	N/A
3**	5593.800	95.46	-2.15	--	--	AV	212.00	200	Horizontal	N/A
4	7340.687	49.62	-3.04	74.0	24.38	Peak	78.00	100	Horizontal	Pass
4**	7340.687	40.92	-3.04	54.0	13.08	AV	78.00	100	Horizontal	Pass
5	12294.600	53.90	1.58	74.0	20.10	Peak	189.00	200	Horizontal	Pass
5**	12294.600	44.97	1.58	54.0	9.03	AV	189.00	200	Horizontal	Pass
6	15398.100	55.83	0.73	74.0	18.17	Peak	57.00	100	Horizontal	Pass
6**	15398.100	46.63	0.73	54.0	7.37	AV	57.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.300	39.43	-17.02	74.0	34.57	Peak	326.00	200	Vertical	Pass
1**	1443.300	30.99	-17.02	54.0	23.01	AV	326.00	200	Vertical	Pass
2	4393.000	49.83	-3.64	74.0	24.17	Peak	360.00	400	Vertical	Pass
2**	4393.000	41.07	-3.64	54.0	12.93	AV	360.00	400	Vertical	Pass
3	5585.200	102.45	-1.90	--	--	Peak	318.00	150	Vertical	N/A
3**	5585.200	94.62	-1.90	--	--	AV	318.00	150	Vertical	N/A
4	7336.663	50.27	-3.07	74.0	23.73	Peak	0.00	200	Vertical	Pass
4**	7336.663	40.82	-3.07	54.0	13.18	AV	0.00	200	Vertical	Pass
5	12376.250	52.87	1.38	74.0	21.13	Peak	360.00	200	Vertical	Pass
5**	12376.250	43.78	1.38	54.0	10.22	AV	360.00	200	Vertical	Pass
6	15795.526	55.82	2.19	74.0	18.18	Peak	360.00	300	Vertical	Pass
6**	15795.526	46.78	2.19	54.0	7.22	AV	360.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.900	39.75	-17.08	74.0	34.25	Peak	327.00	400	Horizontal	Pass
1**	1441.900	30.86	-17.08	54.0	23.14	AV	327.00	400	Horizontal	Pass
2	4377.800	50.15	-3.48	74.0	23.85	Peak	266.00	200	Horizontal	Pass
2**	4377.800	41.36	-3.48	54.0	12.64	AV	266.00	200	Horizontal	Pass
3	5664.600	103.77	-2.23	--	--	Peak	221.00	100	Horizontal	N/A
3**	5664.600	95.69	-2.23	--	--	AV	221.00	100	Horizontal	N/A
4	7715.013	49.55	-2.51	74.0	24.45	Peak	325.00	200	Horizontal	Pass
4**	7715.013	40.24	-2.51	54.0	13.76	AV	325.00	200	Horizontal	Pass
5	12323.350	53.22	1.42	74.0	20.78	Peak	0.00	150	Horizontal	Pass
5**	12323.350	43.74	1.42	54.0	10.26	AV	0.00	150	Horizontal	Pass
6	16199.250	55.61	1.58	74.0	18.39	Peak	114.00	400	Horizontal	Pass
6**	16199.250	46.11	1.58	54.0	7.89	AV	114.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.300	40.69	-17.13	74.0	33.31	Peak	81.00	400	Vertical	Pass
1**	1625.300	30.39	-17.13	54.0	23.61	AV	81.00	400	Vertical	Pass
2	4377.800	49.99	-3.48	74.0	24.01	Peak	63.00	300	Vertical	Pass
2**	4377.800	41.08	-3.48	54.0	12.92	AV	63.00	300	Vertical	Pass
3	5665.400	102.89	-2.29	--	--	Peak	270.00	200	Vertical	N/A
3**	5665.400	95.24	-2.29	--	--	AV	270.00	200	Vertical	N/A
4	7334.362	50.59	-3.19	74.0	23.41	Peak	149.00	300	Vertical	Pass
4**	7334.362	40.89	-3.19	54.0	13.11	AV	149.00	300	Vertical	Pass
5	12313.862	53.77	1.40	74.0	20.23	Peak	253.00	100	Vertical	Pass
5**	12313.862	44.23	1.40	54.0	9.77	AV	253.00	100	Vertical	Pass
6	16086.375	55.93	1.50	74.0	18.07	Peak	0.00	400	Vertical	Pass
6**	16086.375	46.59	1.50	54.0	7.41	AV	0.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.900	40.28	-17.08	74.0	33.72	Peak	320.00	400	Horizontal	Pass
1**	1441.900	31.42	-17.08	54.0	22.58	AV	320.00	400	Horizontal	Pass
2	4393.800	50.29	-3.76	74.0	23.71	Peak	359.00	200	Horizontal	Pass
2**	4393.800	41.80	-3.76	54.0	12.20	AV	359.00	200	Horizontal	Pass
3	5546.800	99.64	-1.89	--	--	Peak	314.00	200	Horizontal	N/A
3**	5546.800	91.58	-1.89	--	--	AV	314.00	200	Horizontal	N/A
4	7338.675	50.77	-2.91	74.0	23.23	Peak	88.00	300	Horizontal	Pass
4**	7338.675	42.16	-2.91	54.0	11.84	AV	88.00	300	Horizontal	Pass
5	11544.225	53.06	-0.55	74.0	20.94	Peak	337.00	200	Horizontal	Pass
5**	11544.225	43.22	-0.55	54.0	10.78	AV	337.00	200	Horizontal	Pass
6	15833.062	55.81	1.47	74.0	18.19	Peak	154.00	300	Horizontal	Pass
6**	15833.062	46.87	1.47	54.0	7.13	AV	154.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	41.21	-17.07	74.0	32.79	Peak	71.00	300	Vertical	Pass
1**	1499.300	30.44	-17.07	54.0	23.56	AV	71.00	300	Vertical	Pass
2	4260.000	50.08	-4.50	74.0	23.92	Peak	360.00	100	Vertical	Pass
2**	4260.000	40.74	-4.50	54.0	13.26	AV	360.00	100	Vertical	Pass
3	5545.200	99.47	-1.86	--	--	Peak	258.00	100	Vertical	N/A
3**	5545.200	91.33	-1.86	--	--	AV	258.00	100	Vertical	N/A
4	7687.125	49.36	-2.08	74.0	24.64	Peak	44.00	200	Vertical	Pass
4**	7687.125	40.59	-2.08	54.0	13.41	AV	44.00	200	Vertical	Pass
5	12441.800	53.63	1.79	74.0	20.37	Peak	271.00	100	Vertical	Pass
5**	12441.800	44.18	1.79	54.0	9.82	AV	271.00	100	Vertical	Pass
6	15833.062	56.16	1.47	74.0	17.84	Peak	82.00	300	Vertical	Pass
6**	15833.062	45.74	1.47	54.0	8.26	AV	82.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.500	39.57	-17.32	74.0	34.43	Peak	286.00	200	Horizontal	Pass
1**	1435.500	30.44	-17.32	54.0	23.56	AV	286.00	200	Horizontal	Pass
2	4396.800	50.07	-4.02	74.0	23.93	Peak	164.00	200	Horizontal	Pass
2**	4396.800	41.18	-4.02	54.0	12.82	AV	164.00	200	Horizontal	Pass
3	5595.200	99.96	-2.02	--	--	Peak	220.00	200	Horizontal	N/A
3**	5595.200	92.45	-2.02	--	--	AV	220.00	200	Horizontal	N/A
4	7345.288	50.03	-3.50	74.0	23.97	Peak	229.00	400	Horizontal	Pass
4**	7345.288	41.54	-3.50	54.0	12.46	AV	229.00	400	Horizontal	Pass
5	12281.950	53.15	1.79	74.0	20.85	Peak	196.00	200	Horizontal	Pass
5**	12281.950	44.18	1.79	54.0	9.82	AV	196.00	200	Horizontal	Pass
6	15844.875	56.69	1.37	74.0	17.31	Peak	168.00	100	Horizontal	Pass
6**	15844.875	47.08	1.37	54.0	6.92	AV	168.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.700	41.12	-17.06	74.0	32.88	Peak	250.00	300	Vertical	Pass
1**	1623.700	30.03	-17.06	54.0	23.97	AV	250.00	300	Vertical	Pass
2	4390.000	50.17	-3.32	74.0	23.83	Peak	311.00	100	Vertical	Pass
2**	4390.000	41.47	-3.32	54.0	12.53	AV	311.00	100	Vertical	Pass
3	5592.400	99.11	-2.21	--	--	Peak	311.00	150	Vertical	N/A
3**	5592.400	91.33	-2.21	--	--	AV	311.00	150	Vertical	N/A
4	7672.750	49.65	-2.36	74.0	24.35	Peak	45.00	100	Vertical	Pass
4**	7672.750	40.11	-2.36	54.0	13.89	AV	45.00	100	Vertical	Pass
5	12324.500	53.47	1.42	74.0	20.53	Peak	260.00	100	Vertical	Pass
5**	12324.500	43.75	1.42	54.0	10.25	AV	260.00	100	Vertical	Pass
6	15643.275	56.13	1.28	74.0	17.87	Peak	302.00	400	Vertical	Pass
6**	15643.275	46.57	1.28	54.0	7.43	AV	302.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.600	40.20	-17.05	74.0	33.80	Peak	202.00	300	Horizontal	Pass
1**	1623.600	29.80	-17.05	54.0	24.20	AV	202.00	300	Horizontal	Pass
2	4384.000	50.98	-3.64	74.0	23.02	Peak	59.00	300	Horizontal	Pass
2**	4384.000	41.61	-3.64	54.0	12.39	AV	59.00	300	Horizontal	Pass
3	5746.600	105.64	-2.21	--	--	Peak	229.00	150	Horizontal	N/A
3**	5746.600	97.94	-2.21	--	--	AV	229.00	150	Horizontal	N/A
4	7337.238	50.82	-2.96	74.0	23.18	Peak	343.00	200	Horizontal	Pass
4**	7337.238	40.81	-2.96	54.0	13.19	AV	343.00	200	Horizontal	Pass
5	12346.063	53.19	1.27	74.0	20.81	Peak	0.00	150	Horizontal	Pass
5**	12346.063	42.87	1.27	54.0	11.13	AV	0.00	150	Horizontal	Pass
6	16113.937	56.18	0.70	74.0	17.82	Peak	76.00	300	Horizontal	Pass
6**	16113.937	45.72	0.70	54.0	8.28	AV	76.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.800	39.37	-16.95	74.0	34.63	Peak	43.00	100	Vertical	Pass
1**	1622.800	30.79	-16.95	54.0	23.21	AV	43.00	100	Vertical	Pass
2	4369.400	50.74	-3.93	74.0	23.26	Peak	148.00	200	Vertical	Pass
2**	4369.400	41.08	-3.93	54.0	12.92	AV	148.00	200	Vertical	Pass
3	5742.000	104.46	-2.25	--	--	Peak	28.00	150	Vertical	N/A
3**	5742.000	96.97	-2.25	--	--	AV	28.00	150	Vertical	N/A
4	7338.387	49.61	-2.90	74.0	24.39	Peak	236.00	300	Vertical	Pass
4**	7338.387	42.02	-2.90	54.0	11.98	AV	236.00	300	Vertical	Pass
5	12285.688	53.27	1.76	74.0	20.73	Peak	0.00	100	Vertical	Pass
5**	12285.688	44.36	1.76	54.0	9.64	AV	0.00	100	Vertical	Pass
6	15803.138	56.37	2.29	74.0	17.63	Peak	360.00	100	Vertical	Pass
6**	15803.138	47.01	2.29	54.0	6.99	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.300	39.49	-17.29	74.0	34.51	Peak	326.00	100	Horizontal	Pass
1**	1436.300	30.59	-17.29	54.0	23.41	AV	326.00	100	Horizontal	Pass
2	4285.200	50.53	-4.24	74.0	23.47	Peak	45.00	300	Horizontal	Pass
2**	4285.200	40.24	-4.24	54.0	13.76	AV	45.00	300	Horizontal	Pass
3	5781.600	104.91	-1.45	--	--	Peak	45.00	150	Horizontal	N/A
3**	5781.600	96.83	-1.45	--	--	AV	45.00	150	Horizontal	N/A
4	7366.275	50.80	-3.53	74.0	23.20	Peak	30.00	100	Horizontal	Pass
4**	7366.275	40.33	-3.53	54.0	13.67	AV	30.00	100	Horizontal	Pass
5	12442.087	53.43	1.79	74.0	20.57	Peak	104.00	100	Horizontal	Pass
5**	12442.087	44.60	1.79	54.0	9.40	AV	104.00	100	Horizontal	Pass
6	15843.037	55.68	1.40	74.0	18.32	Peak	278.00	200	Horizontal	Pass
6**	15843.037	47.45	1.40	54.0	6.55	AV	278.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.500	39.35	-17.02	74.0	34.65	Peak	249.00	300	Vertical	Pass
1**	1482.500	29.71	-17.02	54.0	24.29	AV	249.00	300	Vertical	Pass
2	4388.400	49.76	-3.40	74.0	24.24	Peak	198.00	100	Vertical	Pass
2**	4388.400	41.58	-3.40	54.0	12.42	AV	198.00	100	Vertical	Pass
3	5782.600	103.97	-1.38	--	--	Peak	33.00	100	Vertical	N/A
3**	5782.600	96.06	-1.38	--	--	AV	33.00	100	Vertical	N/A
4	7329.187	49.66	-3.56	74.0	24.34	Peak	250.00	200	Vertical	Pass
4**	7329.187	41.20	-3.56	54.0	12.80	AV	250.00	200	Vertical	Pass
5	12591.875	53.09	1.71	74.0	20.91	Peak	65.00	200	Vertical	Pass
5**	12591.875	43.73	1.71	54.0	10.27	AV	65.00	200	Vertical	Pass
6	15799.200	55.63	2.31	74.0	18.37	Peak	187.00	300	Vertical	Pass
6**	15799.200	46.85	2.31	54.0	7.15	AV	187.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.200	40.19	-17.22	74.0	33.81	Peak	251.00	100	Horizontal	Pass
1**	1440.200	31.12	-17.22	54.0	22.88	AV	251.00	100	Horizontal	Pass
2	4390.400	50.00	-3.30	74.0	24.00	Peak	136.00	400	Horizontal	Pass
2**	4390.400	41.38	-3.30	54.0	12.62	AV	136.00	400	Horizontal	Pass
3	5823.600	103.44	-2.13	--	--	Peak	44.00	200	Horizontal	N/A
3**	5823.600	95.53	-2.13	--	--	AV	44.00	200	Horizontal	N/A
4	7683.962	50.09	-2.67	74.0	23.91	Peak	39.00	100	Horizontal	Pass
4**	7683.962	39.81	-2.67	54.0	14.19	AV	39.00	100	Horizontal	Pass
5	11942.988	52.94	1.60	74.0	21.06	Peak	21.00	100	Horizontal	Pass
5**	11942.988	43.40	1.60	54.0	10.60	AV	21.00	100	Horizontal	Pass
6	15623.326	56.00	1.69	74.0	18.00	Peak	300.00	200	Horizontal	Pass
6**	15623.326	45.81	1.69	54.0	8.19	AV	300.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	40.46	-17.11	74.0	33.54	Peak	252.00	400	Vertical	Pass
1**	1624.900	30.81	-17.11	54.0	23.19	AV	252.00	400	Vertical	Pass
2	4387.400	50.30	-3.35	74.0	23.70	Peak	260.00	300	Vertical	Pass
2**	4387.400	41.77	-3.35	54.0	12.23	AV	260.00	300	Vertical	Pass
3	5824.800	104.10	-2.12	--	--	Peak	28.00	150	Vertical	N/A
3**	5824.800	94.82	-2.12	--	--	AV	28.00	150	Vertical	N/A
4	7462.875	50.05	-3.59	74.0	23.95	Peak	299.00	400	Vertical	Pass
4**	7462.875	39.62	-3.59	54.0	14.38	AV	299.00	400	Vertical	Pass
5	12419.375	52.91	1.39	74.0	21.09	Peak	136.00	100	Vertical	Pass
5**	12419.375	43.19	1.39	54.0	10.81	AV	136.00	100	Vertical	Pass
6	16084.275	56.13	1.54	74.0	17.87	Peak	0.00	400	Vertical	Pass
6**	16084.275	47.01	1.54	54.0	6.99	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	39.25	-17.24	74.0	34.75	Peak	299.00	200	Horizontal	Pass
1**	1440.000	31.97	-17.24	54.0	22.03	AV	299.00	200	Horizontal	Pass
2	4390.200	51.10	-3.31	74.0	22.90	Peak	190.00	300	Horizontal	Pass
2**	4390.200	41.70	-3.31	54.0	12.30	AV	190.00	300	Horizontal	Pass
3	5740.800	105.09	-2.17	--	--	Peak	214.00	100	Horizontal	N/A
3**	5740.800	97.40	-2.17	--	--	AV	214.00	100	Horizontal	N/A
4	7365.987	49.93	-3.47	74.0	24.07	Peak	270.00	300	Horizontal	Pass
4**	7365.987	40.39	-3.47	54.0	13.61	AV	270.00	300	Horizontal	Pass
5	12226.750	53.35	1.31	74.0	20.65	Peak	360.00	100	Horizontal	Pass
5**	12226.750	43.77	1.31	54.0	10.23	AV	360.00	100	Horizontal	Pass
6	15847.500	56.24	1.35	74.0	17.76	Peak	81.00	400	Horizontal	Pass
6**	15847.500	46.53	1.35	54.0	7.47	AV	81.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	39.59	-17.23	74.0	34.41	Peak	246.00	400	Vertical	Pass
1**	1440.100	31.24	-17.23	54.0	22.76	AV	246.00	400	Vertical	Pass
2	4380.800	50.23	-3.46	74.0	23.77	Peak	360.00	300	Vertical	Pass
2**	4380.800	41.73	-3.46	54.0	12.27	AV	360.00	300	Vertical	Pass
3	5743.600	104.56	-2.09	--	--	Peak	265.00	150	Vertical	N/A
3**	5743.600	97.76	-2.09	--	--	AV	265.00	150	Vertical	N/A
4	7713.575	49.35	-2.35	74.0	24.65	Peak	58.00	100	Vertical	Pass
4**	7713.575	40.55	-2.35	54.0	13.45	AV	58.00	100	Vertical	Pass
5	12344.625	52.84	1.28	74.0	21.16	Peak	77.00	150	Vertical	Pass
5**	12344.625	43.60	1.28	54.0	10.40	AV	77.00	150	Vertical	Pass
6	16077.450	55.90	1.59	74.0	18.10	Peak	88.00	100	Vertical	Pass
6**	16077.450	46.73	1.59	54.0	7.27	AV	88.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	40.55	-17.25	74.0	33.45	Peak	298.00	100	Horizontal	Pass
1**	1439.900	34.04	-17.25	54.0	19.96	AV	298.00	100	Horizontal	Pass
2	4381.800	50.19	-3.63	74.0	23.81	Peak	190.00	300	Horizontal	Pass
2**	4381.800	41.36	-3.63	54.0	12.64	AV	190.00	300	Horizontal	Pass
3	5782.600	104.46	-1.38	--	--	Peak	42.00	150	Horizontal	N/A
3**	5782.600	97.00	-1.38	--	--	AV	42.00	150	Horizontal	N/A
4	7400.200	50.05	-4.00	74.0	23.95	Peak	237.00	300	Horizontal	Pass
4**	7400.200	39.64	-4.00	54.0	14.36	AV	237.00	300	Horizontal	Pass
5	12271.600	54.54	1.50	74.0	19.46	Peak	75.00	100	Horizontal	Pass
5**	12271.600	43.66	1.50	54.0	10.34	AV	75.00	100	Horizontal	Pass
6	15847.763	55.80	1.35	74.0	18.20	Peak	59.00	100	Horizontal	Pass
6**	15847.763	47.62	1.35	54.0	6.38	AV	59.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.700	39.10	-17.31	74.0	34.90	Peak	243.00	100	Vertical	Pass
1**	1437.700	30.33	-17.31	54.0	23.67	AV	243.00	100	Vertical	Pass
2	4389.000	50.29	-3.37	74.0	23.71	Peak	7.00	300	Vertical	Pass
2**	4389.000	42.51	-3.37	54.0	11.49	AV	7.00	300	Vertical	Pass
3	5781.600	103.93	-1.45	--	--	Peak	31.00	150	Vertical	N/A
3**	5781.600	96.10	-1.45	--	--	AV	31.00	150	Vertical	N/A
4	7450.225	50.10	-3.20	74.0	23.90	Peak	7.00	400	Vertical	Pass
4**	7450.225	40.36	-3.20	54.0	13.64	AV	7.00	400	Vertical	Pass
5	12280.800	53.33	1.80	74.0	20.67	Peak	223.00	100	Vertical	Pass
5**	12280.800	43.97	1.80	54.0	10.03	AV	223.00	100	Vertical	Pass
6	15804.450	55.95	2.28	74.0	18.05	Peak	74.00	200	Vertical	Pass
6**	15804.450	47.04	2.28	54.0	6.96	AV	74.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.800	39.96	-17.08	74.0	34.04	Peak	289.00	300	Horizontal	Pass
1**	1441.800	30.67	-17.08	54.0	23.33	AV	289.00	300	Horizontal	Pass
2	4391.200	50.39	-3.40	74.0	23.61	Peak	325.00	400	Horizontal	Pass
2**	4391.200	41.44	-3.40	54.0	12.56	AV	325.00	400	Horizontal	Pass
3	5830.800	104.35	-1.76	--	--	Peak	44.00	100	Horizontal	N/A
3**	5830.800	96.86	-1.76	--	--	AV	44.00	100	Horizontal	N/A
4	7466.900	49.53	-3.28	74.0	24.47	Peak	83.00	100	Horizontal	Pass
4**	7466.900	40.19	-3.28	54.0	13.81	AV	83.00	100	Horizontal	Pass
5	11944.138	52.88	1.56	74.0	21.12	Peak	334.00	200	Horizontal	Pass
5**	11944.138	43.60	1.56	54.0	10.40	AV	334.00	200	Horizontal	Pass
6	15796.575	56.42	2.22	74.0	17.58	Peak	231.00	200	Horizontal	Pass
6**	15796.575	47.56	2.22	54.0	6.44	AV	231.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.64	-16.90	74.0	34.36	Peak	67.00	400	Vertical	Pass
1**	1500.200	29.79	-16.90	54.0	24.21	AV	67.00	400	Vertical	Pass
2	4387.800	50.07	-3.38	74.0	23.93	Peak	360.00	300	Vertical	Pass
2**	4387.800	41.91	-3.38	54.0	12.09	AV	360.00	300	Vertical	Pass
3	5828.400	103.50	-1.85	--	--	Peak	39.00	100	Vertical	N/A
3**	5828.400	96.17	-1.85	--	--	AV	39.00	100	Vertical	N/A
4	7673.038	49.80	-2.33	74.0	24.20	Peak	0.00	300	Vertical	Pass
4**	7673.038	40.55	-2.33	54.0	13.45	AV	0.00	300	Vertical	Pass
5	11343.549	53.30	0.16	74.0	20.70	Peak	231.00	200	Vertical	Pass
5**	11343.549	43.91	0.16	54.0	10.09	AV	231.00	200	Vertical	Pass
6	16075.875	56.00	1.56	74.0	18.00	Peak	178.00	300	Vertical	Pass
6**	16075.875	46.70	1.56	54.0	7.30	AV	178.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.200	40.44	-17.22	74.0	33.56	Peak	121.00	200	Horizontal	Pass
1**	1440.200	30.69	-17.22	54.0	23.31	AV	121.00	200	Horizontal	Pass
2	4381.000	50.59	-3.49	74.0	23.41	Peak	134.00	200	Horizontal	Pass
2**	4381.000	41.58	-3.49	54.0	12.42	AV	134.00	200	Horizontal	Pass
3	5753.200	103.39	-2.03	--	--	Peak	223.00	100	Horizontal	N/A
3**	5753.200	95.99	-2.03	--	--	AV	223.00	100	Horizontal	N/A
4	7403.937	49.91	-3.67	74.0	24.09	Peak	339.00	200	Horizontal	Pass
4**	7403.937	40.37	-3.67	54.0	13.63	AV	339.00	200	Horizontal	Pass
5	11779.974	53.72	1.23	74.0	20.28	Peak	196.00	150	Horizontal	Pass
5**	11779.974	43.35	1.23	54.0	10.65	AV	196.00	150	Horizontal	Pass
6	15798.674	55.79	2.29	74.0	18.21	Peak	199.00	300	Horizontal	Pass
6**	15798.674	46.64	2.29	54.0	7.36	AV	199.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.500	39.60	-17.04	74.0	34.40	Peak	278.00	100	Vertical	Pass
1**	1443.500	30.63	-17.04	54.0	23.37	AV	278.00	100	Vertical	Pass
2	4393.200	51.08	-3.67	74.0	22.92	Peak	312.00	400	Vertical	Pass
2**	4393.200	41.48	-3.67	54.0	12.52	AV	312.00	400	Vertical	Pass
3	5770.600	102.89	-1.86	--	--	Peak	23.00	100	Vertical	N/A
3**	5770.600	94.12	-1.86	--	--	AV	23.00	100	Vertical	N/A
4	7327.462	51.05	-3.43	74.0	22.95	Peak	187.00	400	Vertical	Pass
4**	7327.462	40.70	-3.43	54.0	13.30	AV	187.00	400	Vertical	Pass
5	12281.950	53.41	1.79	74.0	20.59	Peak	49.00	150	Vertical	Pass
5**	12281.950	43.94	1.79	54.0	10.06	AV	49.00	150	Vertical	Pass
6	15795.526	56.56	2.19	74.0	17.44	Peak	360.00	200	Vertical	Pass
6**	15795.526	46.72	2.19	54.0	7.28	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.500	39.60	-17.04	74.0	34.40	Peak	278.00	100	Vertical	Pass
1**	1443.500	30.63	-17.04	54.0	23.37	AV	278.00	100	Vertical	Pass
2	4393.200	51.08	-3.67	74.0	22.92	Peak	312.00	400	Vertical	Pass
2**	4393.200	41.48	-3.67	54.0	12.52	AV	312.00	400	Vertical	Pass
3	5770.600	102.89	-1.86	--	--	Peak	23.00	100	Vertical	N/A
3**	5770.600	94.12	-1.86	--	--	AV	23.00	100	Vertical	N/A
4	7327.462	51.05	-3.43	74.0	22.95	Peak	187.00	400	Vertical	Pass
4**	7327.462	40.70	-3.43	54.0	13.30	AV	187.00	400	Vertical	Pass
5	12281.950	53.41	1.79	74.0	20.59	Peak	49.00	150	Vertical	Pass
5**	12281.950	43.94	1.79	54.0	10.06	AV	49.00	150	Vertical	Pass
6	15795.526	56.56	2.19	74.0	17.44	Peak	360.00	200	Vertical	Pass
6**	15795.526	46.72	2.19	54.0	7.28	AV	360.00	200	Vertical	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.400	39.90	-17.14	74.0	34.10	Peak	193.00	400	Vertical	Pass
1**	1625.400	30.49	-17.14	54.0	23.51	AV	193.00	400	Vertical	Pass
2	4379.800	50.06	-3.28	74.0	23.94	Peak	192.00	300	Vertical	Pass
2**	4379.800	41.72	-3.28	54.0	12.28	AV	192.00	300	Vertical	Pass
3	5812.000	101.73	-1.85	--	--	Peak	266.00	200	Vertical	N/A
3**	5812.000	93.93	-1.85	--	--	AV	266.00	200	Vertical	N/A
4	7350.750	50.39	-3.65	74.0	23.61	Peak	315.00	300	Vertical	Pass
4**	7350.750	42.01	-3.65	54.0	11.99	AV	315.00	300	Vertical	Pass
5	12341.463	53.11	1.29	74.0	20.89	Peak	3.00	200	Vertical	Pass
5**	12341.463	43.53	1.29	54.0	10.47	AV	3.00	200	Vertical	Pass
6	16092.412	56.58	1.38	74.0	17.42	Peak	283.00	400	Vertical	Pass
6**	16092.412	46.69	1.38	54.0	7.31	AV	283.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.300	39.88	-17.16	74.0	34.12	Peak	360.00	400	Horizontal	Pass
1**	1610.300	29.57	-17.16	54.0	24.43	AV	360.00	400	Horizontal	Pass
2	4348.200	49.42	-4.25	74.0	24.58	Peak	255.00	100	Horizontal	Pass
2**	4348.200	40.45	-4.25	54.0	13.55	AV	255.00	100	Horizontal	Pass
3	5747.800	105.05	-2.21	--	--	Peak	223.00	150	Horizontal	N/A
3**	5747.800	97.67	-2.21	--	--	AV	223.00	150	Horizontal	N/A
4	7446.775	50.17	-3.17	74.0	23.83	Peak	360.00	200	Horizontal	Pass
4**	7446.775	40.52	-3.17	54.0	13.48	AV	360.00	200	Horizontal	Pass
5	11990.425	53.00	1.14	74.0	21.00	Peak	360.00	150	Horizontal	Pass
5**	11990.425	43.29	1.14	54.0	10.71	AV	360.00	150	Horizontal	Pass
6	16091.099	55.95	1.41	74.0	18.05	Peak	0.00	100	Horizontal	Pass
6**	16091.099	46.76	1.41	54.0	7.24	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.200	40.22	-17.32	74.0	33.78	Peak	240.00	400	Vertical	Pass
1**	1439.200	29.91	-17.32	54.0	24.09	AV	240.00	400	Vertical	Pass
2	4382.600	50.49	-3.64	74.0	23.51	Peak	0.00	100	Vertical	Pass
2**	4382.600	40.95	-3.64	54.0	13.05	AV	0.00	100	Vertical	Pass
3	5748.000	103.58	-2.21	--	--	Peak	265.00	100	Vertical	N/A
3**	5748.000	96.23	-2.21	--	--	AV	265.00	100	Vertical	N/A
4	7467.188	49.92	-3.26	74.0	24.08	Peak	21.00	300	Vertical	Pass
4**	7467.188	40.57	-3.26	54.0	13.43	AV	21.00	300	Vertical	Pass
5	11940.975	54.26	1.66	74.0	19.74	Peak	298.00	100	Vertical	Pass
5**	11940.975	43.45	1.66	54.0	10.55	AV	298.00	100	Vertical	Pass
6	15793.688	55.74	2.13	74.0	18.26	Peak	24.00	400	Vertical	Pass
6**	15793.688	46.49	2.13	54.0	7.51	AV	24.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.700	39.12	-17.31	74.0	34.88	Peak	320.00	400	Horizontal	Pass
1**	1437.700	30.80	-17.31	54.0	23.20	AV	320.00	400	Horizontal	Pass
2	4385.600	50.26	-3.36	74.0	23.74	Peak	138.00	300	Horizontal	Pass
2**	4385.600	42.24	-3.36	54.0	11.76	AV	138.00	300	Horizontal	Pass
3	5781.000	103.60	-1.58	--	--	Peak	51.00	150	Horizontal	N/A
3**	5781.000	96.55	-1.58	--	--	AV	51.00	150	Horizontal	N/A
4	7345.862	49.85	-3.52	74.0	24.15	Peak	18.00	200	Horizontal	Pass
4**	7345.862	42.58	-3.52	54.0	11.42	AV	18.00	200	Horizontal	Pass
5	12253.200	52.93	0.97	74.0	21.07	Peak	188.00	100	Horizontal	Pass
5**	12253.200	43.86	0.97	54.0	10.14	AV	188.00	100	Horizontal	Pass
6	15624.901	55.03	1.72	74.0	18.97	Peak	308.00	150	Horizontal	Pass
6**	15624.901	45.85	1.72	54.0	8.15	AV	308.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	39.47	-17.03	74.0	34.53	Peak	241.00	400	Vertical	Pass
1**	1499.500	29.42	-17.03	54.0	24.58	AV	241.00	400	Vertical	Pass
2	4390.800	49.74	-3.35	74.0	24.26	Peak	360.00	200	Vertical	Pass
2**	4390.800	41.58	-3.35	54.0	12.42	AV	360.00	200	Vertical	Pass
3	5783.200	103.92	-1.46	--	--	Peak	30.00	200	Vertical	N/A
3**	5783.200	95.96	-1.46	--	--	AV	30.00	200	Vertical	N/A
4	7317.400	50.26	-3.21	74.0	23.74	Peak	50.00	200	Vertical	Pass
4**	7317.400	40.59	-3.21	54.0	13.41	AV	50.00	200	Vertical	Pass
5	11902.737	53.25	1.66	74.0	20.75	Peak	50.00	150	Vertical	Pass
5**	11902.737	42.80	1.66	54.0	11.20	AV	50.00	150	Vertical	Pass
6	15785.026	55.66	1.80	74.0	18.34	Peak	179.00	150	Vertical	Pass
6**	15785.026	46.47	1.80	54.0	7.53	AV	179.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.500	39.79	-17.34	74.0	34.21	Peak	83.00	400	Horizontal	Pass
1**	1438.500	31.50	-17.34	54.0	22.50	AV	83.00	400	Horizontal	Pass
2	4386.800	49.92	-3.31	74.0	24.08	Peak	0.00	100	Horizontal	Pass
2**	4386.800	41.85	-3.31	54.0	12.15	AV	0.00	100	Horizontal	Pass
3	5822.600	103.21	-2.13	--	--	Peak	54.00	200	Horizontal	N/A
3**	5822.600	95.48	-2.13	--	--	AV	54.00	200	Horizontal	N/A
4	7365.125	50.41	-3.36	74.0	23.59	Peak	239.00	300	Horizontal	Pass
4**	7365.125	40.97	-3.36	54.0	13.03	AV	239.00	300	Horizontal	Pass
5	12602.512	52.94	1.91	74.0	21.06	Peak	32.00	100	Horizontal	Pass
5**	12602.512	43.97	1.91	54.0	10.03	AV	32.00	100	Horizontal	Pass
6	16042.800	55.94	0.77	74.0	18.06	Peak	235.00	100	Horizontal	Pass
6**	16042.800	47.42	0.77	54.0	6.58	AV	235.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.900	39.47	-17.35	74.0	34.53	Peak	264.00	400	Vertical	Pass
1**	1438.900	29.91	-17.35	54.0	24.09	AV	264.00	400	Vertical	Pass
2	4384.400	50.20	-3.57	74.0	23.80	Peak	274.00	200	Vertical	Pass
2**	4384.400	41.88	-3.57	54.0	12.12	AV	274.00	200	Vertical	Pass
3	5830.800	103.26	-1.76	--	--	Peak	30.00	100	Vertical	N/A
3**	5830.800	96.01	-1.76	--	--	AV	30.00	100	Vertical	N/A
4	7445.913	49.87	-3.12	74.0	24.13	Peak	311.00	100	Vertical	Pass
4**	7445.913	40.90	-3.12	54.0	13.10	AV	311.00	100	Vertical	Pass
5	11944.138	53.15	1.56	74.0	20.85	Peak	0.00	150	Vertical	Pass
5**	11944.138	43.99	1.56	54.0	10.01	AV	0.00	150	Vertical	Pass
6	15827.550	56.36	1.57	74.0	17.64	Peak	330.00	400	Vertical	Pass
6**	15827.550	46.07	1.57	54.0	7.93	AV	330.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.000	40.20	-17.28	74.0	33.80	Peak	315.00	100	Horizontal	Pass
1**	1437.000	31.29	-17.28	54.0	22.71	AV	315.00	100	Horizontal	Pass
2	4384.600	50.80	-3.54	74.0	23.20	Peak	200.00	400	Horizontal	Pass
2**	4384.600	42.26	-3.54	54.0	11.74	AV	200.00	400	Horizontal	Pass
3	5752.200	103.50	-1.96	--	--	Peak	227.00	200	Horizontal	N/A
3**	5752.200	95.18	-1.96	--	--	AV	227.00	200	Horizontal	N/A
4	7448.787	49.69	-3.25	74.0	24.31	Peak	197.00	200	Horizontal	Pass
4**	7448.787	40.75	-3.25	54.0	13.25	AV	197.00	200	Horizontal	Pass
5	12289.138	53.61	1.68	74.0	20.39	Peak	339.00	200	Horizontal	Pass
5**	12289.138	44.16	1.68	54.0	9.84	AV	339.00	200	Horizontal	Pass
6	15855.375	55.82	1.17	74.0	18.18	Peak	360.00	200	Horizontal	Pass
6**	15855.375	46.68	1.17	54.0	7.32	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.600	40.84	-16.93	74.0	33.16	Peak	201.00	300	Vertical	Pass
1**	1622.600	29.06	-16.93	54.0	24.94	AV	201.00	300	Vertical	Pass
2	4379.400	50.06	-3.32	74.0	23.94	Peak	26.00	100	Vertical	Pass
2**	4379.400	41.49	-3.32	54.0	12.51	AV	26.00	100	Vertical	Pass
3	5757.600	102.03	-1.72	--	--	Peak	260.00	150	Vertical	N/A
3**	5757.600	94.63	-1.72	--	--	AV	260.00	150	Vertical	N/A
4	7675.337	49.59	-2.48	74.0	24.41	Peak	360.00	400	Vertical	Pass
4**	7675.337	41.26	-2.48	54.0	12.74	AV	360.00	400	Vertical	Pass
5	12325.650	53.90	1.42	74.0	20.10	Peak	264.00	200	Vertical	Pass
5**	12325.650	43.54	1.42	54.0	10.46	AV	264.00	200	Vertical	Pass
6	15665.325	56.27	1.35	74.0	17.73	Peak	313.00	300	Vertical	Pass
6**	15665.325	46.82	1.35	54.0	7.18	AV	313.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	42.10	-17.24	74.0	31.90	Peak	155.00	300	Horizontal	Pass
1**	1440.000	32.43	-17.24	54.0	21.57	AV	155.00	300	Horizontal	Pass
2	4364.800	50.17	-3.94	74.0	23.83	Peak	195.00	100	Horizontal	Pass
2**	4364.800	41.45	-3.94	54.0	12.55	AV	195.00	100	Horizontal	Pass
3	5788.000	101.41	-1.70	--	--	Peak	224.00	150	Horizontal	N/A
3**	5788.000	93.16	-1.70	--	--	AV	224.00	150	Horizontal	N/A
4	7353.337	49.66	-3.81	74.0	24.34	Peak	0.00	200	Horizontal	Pass
4**	7353.337	41.07	-3.81	54.0	12.93	AV	0.00	200	Horizontal	Pass
5	11940.688	53.13	1.67	74.0	20.87	Peak	0.00	200	Horizontal	Pass
5**	11940.688	44.05	1.67	54.0	9.95	AV	0.00	200	Horizontal	Pass
6	15531.450	55.93	1.02	74.0	18.07	Peak	290.00	400	Horizontal	Pass
6**	15531.450	45.51	1.02	54.0	8.49	AV	290.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	40.18	-17.23	74.0	33.82	Peak	258.00	100	Vertical	Pass
1**	1440.100	32.43	-17.23	54.0	21.57	AV	258.00	100	Vertical	Pass
2	4388.600	50.12	-3.39	74.0	23.88	Peak	196.00	100	Vertical	Pass
2**	4388.600	41.12	-3.39	54.0	12.88	AV	196.00	100	Vertical	Pass
3	5785.400	100.29	-1.63	--	--	Peak	26.00	100	Vertical	N/A
3**	5785.400	92.70	-1.63	--	--	AV	26.00	100	Vertical	N/A
4	7319.125	49.86	-3.01	74.0	24.14	Peak	333.00	400	Vertical	Pass
4**	7319.125	40.65	-3.01	54.0	13.35	AV	333.00	400	Vertical	Pass
5	12569.162	53.31	1.72	74.0	20.69	Peak	226.00	150	Vertical	Pass
5**	12569.162	43.43	1.72	54.0	10.57	AV	226.00	150	Vertical	Pass
6	16073.775	56.31	1.49	74.0	17.69	Peak	128.00	100	Vertical	Pass
6**	16073.775	48.16	1.49	54.0	5.84	AV	128.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.100	39.41	-17.38	74.0	34.59	Peak	250.00	300	Horizontal	Pass
1**	1620.100	29.49	-17.38	54.0	24.51	AV	250.00	300	Horizontal	Pass
2	4386.600	50.46	-3.30	74.0	23.54	Peak	289.00	200	Horizontal	Pass
2**	4386.600	41.45	-3.30	54.0	12.55	AV	289.00	200	Horizontal	Pass
3	5757.000	98.31	-1.80	--	--	Peak	226.00	150	Horizontal	N/A
3**	5757.000	91.77	-1.80	--	--	AV	226.00	150	Horizontal	N/A
4	7341.550	49.84	-3.12	74.0	24.16	Peak	339.00	200	Horizontal	Pass
4**	7341.550	41.18	-3.12	54.0	12.82	AV	339.00	200	Horizontal	Pass
5	12271.025	53.45	1.48	74.0	20.55	Peak	155.00	100	Horizontal	Pass
5**	12271.025	43.71	1.48	54.0	10.29	AV	155.00	100	Horizontal	Pass
6	15805.500	55.92	2.26	74.0	18.08	Peak	300.00	300	Horizontal	Pass
6**	15805.500	46.99	2.26	54.0	7.01	AV	300.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.300	39.43	-17.21	74.0	34.57	Peak	262.00	300	Vertical	Pass
1**	1440.300	31.96	-17.21	54.0	22.04	AV	262.00	300	Vertical	Pass
2	4361.800	51.18	-4.17	74.0	22.82	Peak	227.00	100	Vertical	Pass
2**	4361.800	41.03	-4.17	54.0	12.97	AV	227.00	100	Vertical	Pass
3	5762.200	98.00	-1.69	--	--	Peak	255.00	200	Vertical	N/A
3**	5762.200	90.61	-1.69	--	--	AV	255.00	200	Vertical	N/A
4	7336.088	49.86	-3.18	74.0	24.14	Peak	0.00	400	Vertical	Pass
4**	7336.088	40.66	-3.18	54.0	13.34	AV	0.00	400	Vertical	Pass
5	12492.401	52.96	1.66	74.0	21.04	Peak	68.00	100	Vertical	Pass
5**	12492.401	43.83	1.66	54.0	10.17	AV	68.00	100	Vertical	Pass
6	16035.188	55.88	0.76	74.0	18.12	Peak	240.00	200	Vertical	Pass
6**	16035.188	46.46	0.76	54.0	7.54	AV	240.00	200	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

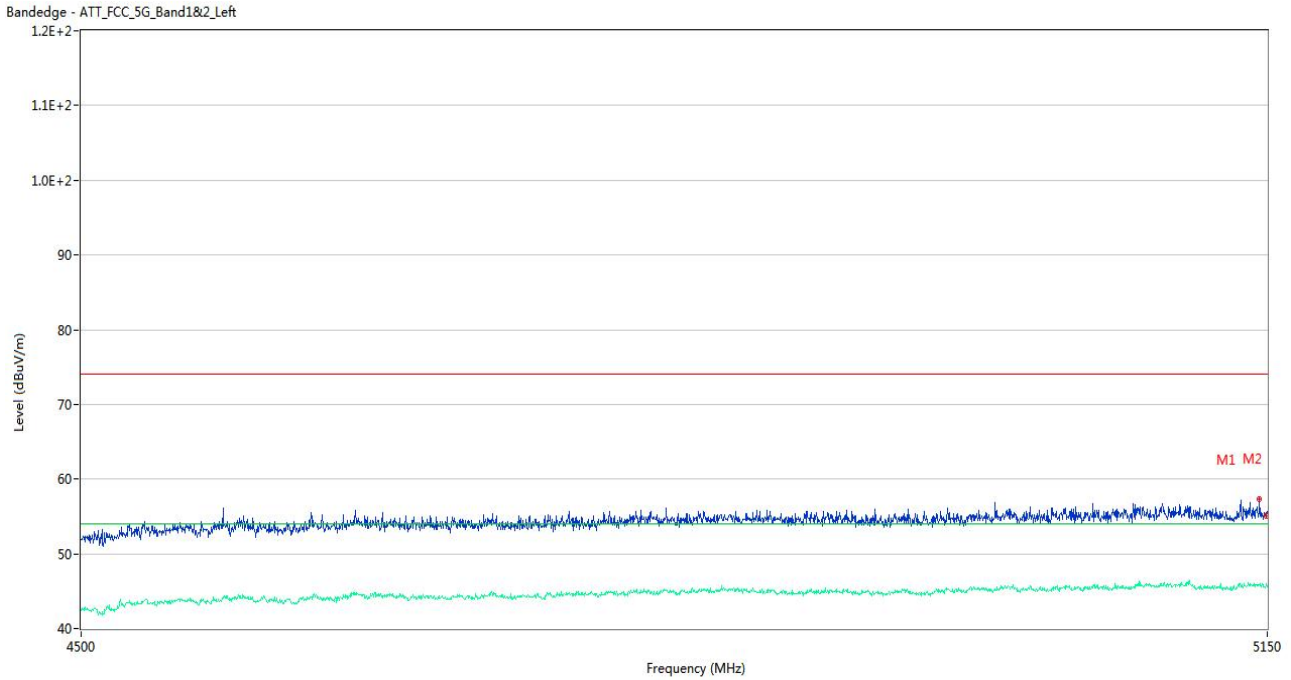
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

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

SISO-Antenna A

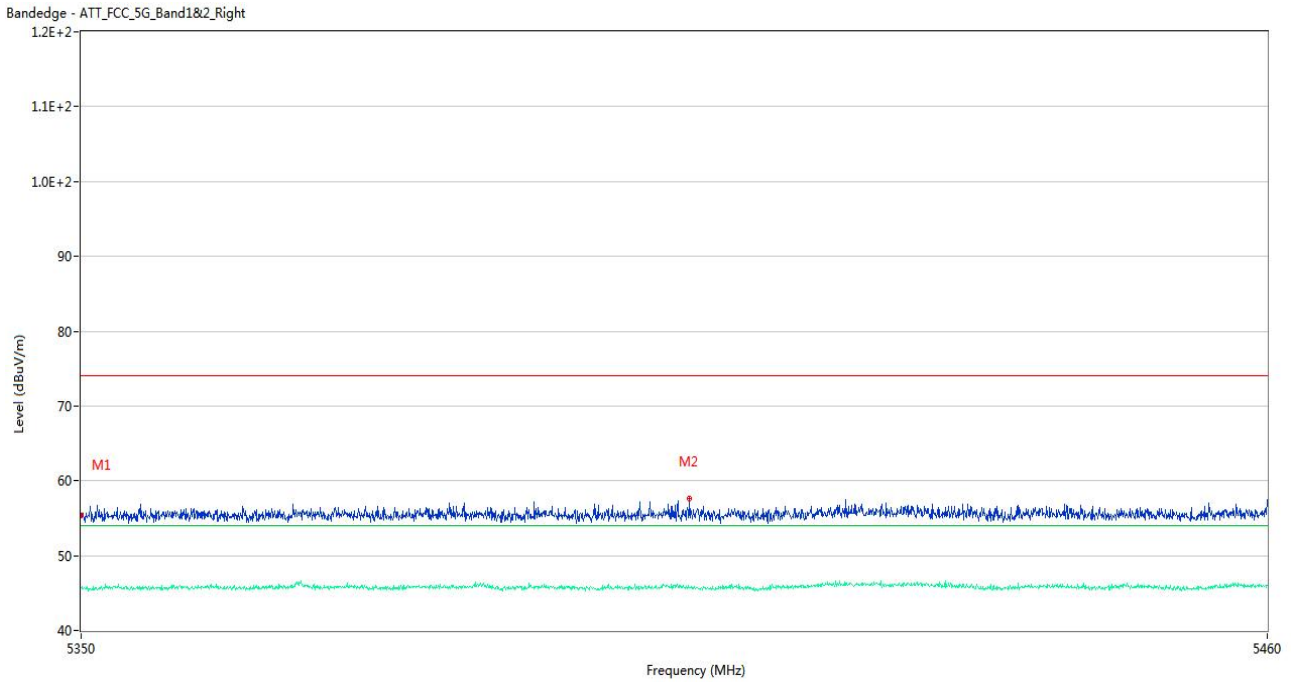
Test Data and Plots

U-NII-1 11a Low Channel



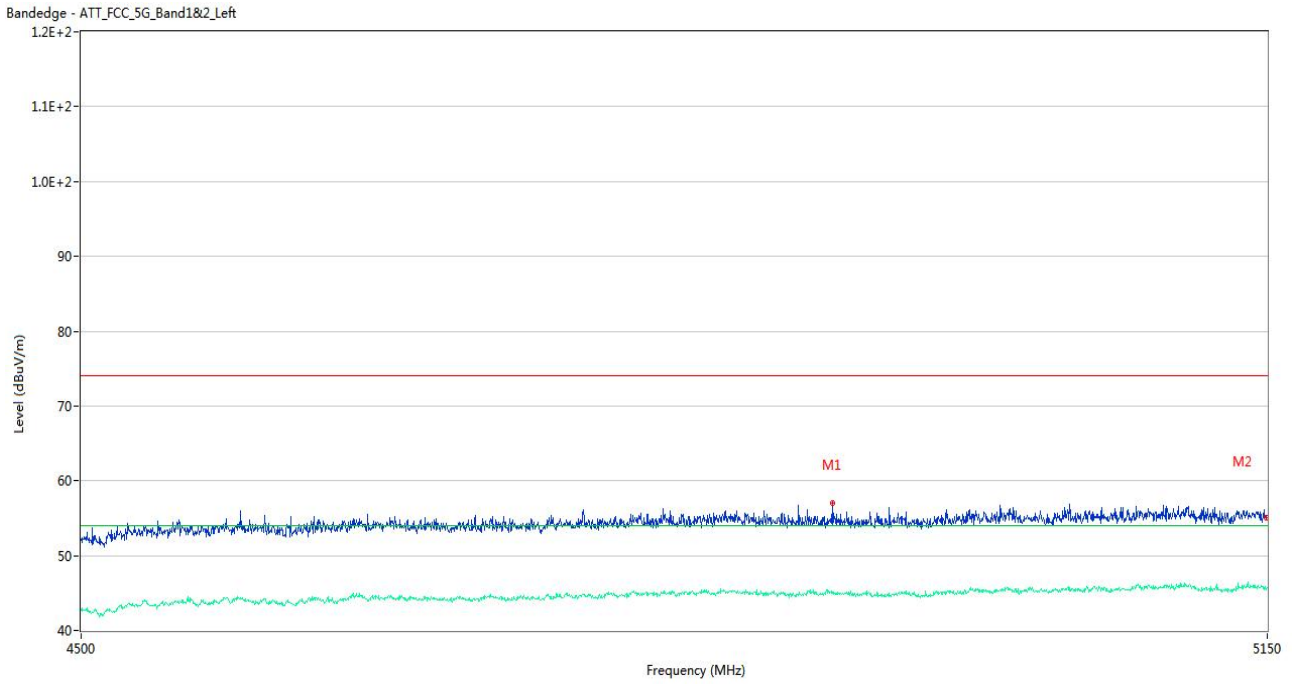
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.450	57.27	2.27	74.0	16.73	Peak	10.00	150	Horizontal	Pass
1**	5145.450	45.94	2.27	54.0	8.06	AV	10.00	150	Horizontal	Pass
2	5149.675	55.04	2.07	74.0	18.96	Peak	83.00	200	Horizontal	Pass
2**	5149.675	46.00	2.07	54.0	8.00	AV	83.00	200	Horizontal	Pass

U-NII-1 11a High Channel



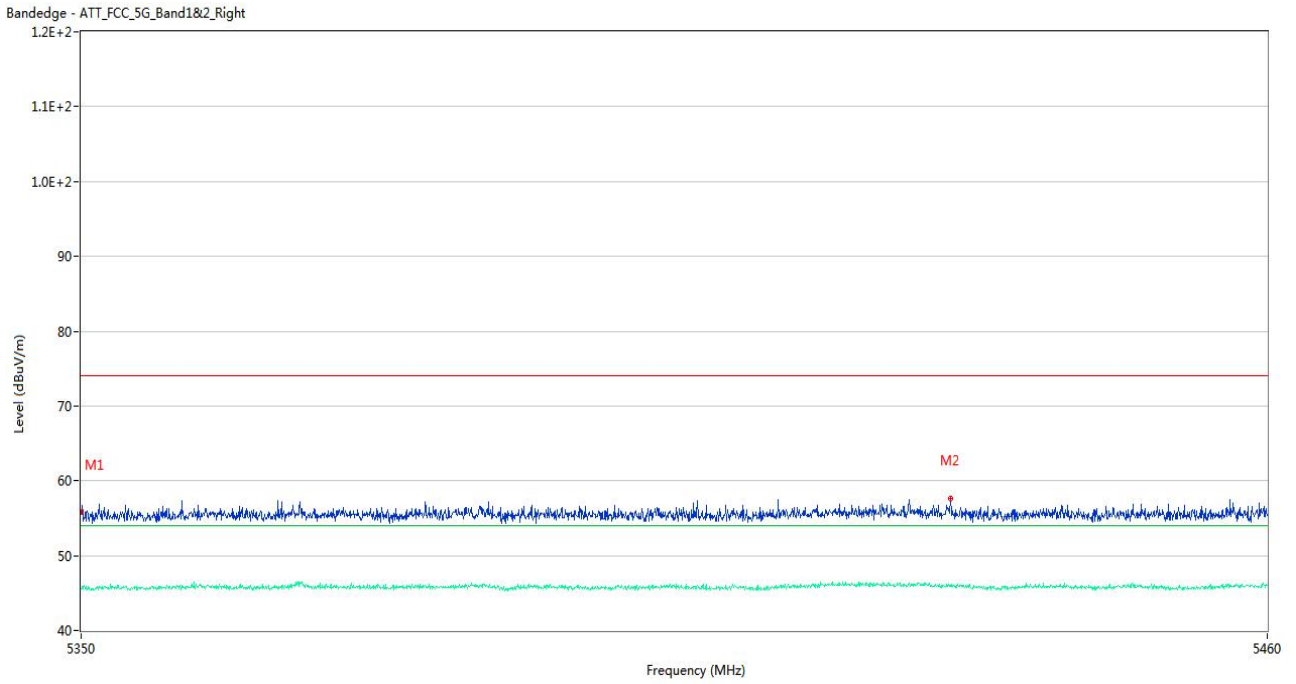
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.32	1.93	74.0	18.68	Peak	37.00	150	Horizontal	Pass
1**	5350.000	45.76	1.93	54.0	8.24	AV	37.00	150	Horizontal	Pass
2	5406.155	57.60	1.98	74.0	16.40	Peak	199.00	200	Horizontal	Pass
2**	5406.155	45.78	1.98	54.0	8.22	AV	199.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



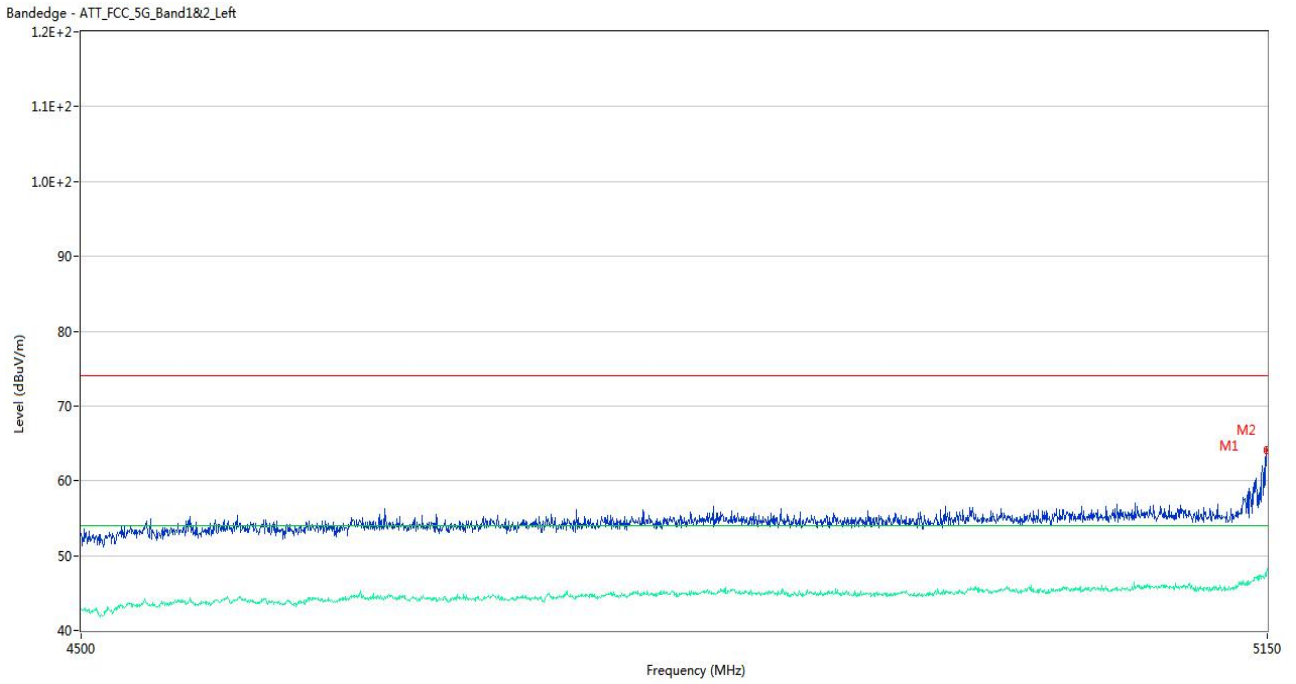
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4901.700	57.07	1.57	74.0	16.93	Peak	360.00	200	Horizontal	Pass
1**	4901.700	44.90	1.57	54.0	9.10	AV	360.00	200	Horizontal	Pass
2	5149.675	55.14	2.07	74.0	18.86	Peak	101.00	150	Horizontal	Pass
2**	5149.675	45.49	2.07	54.0	8.51	AV	101.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



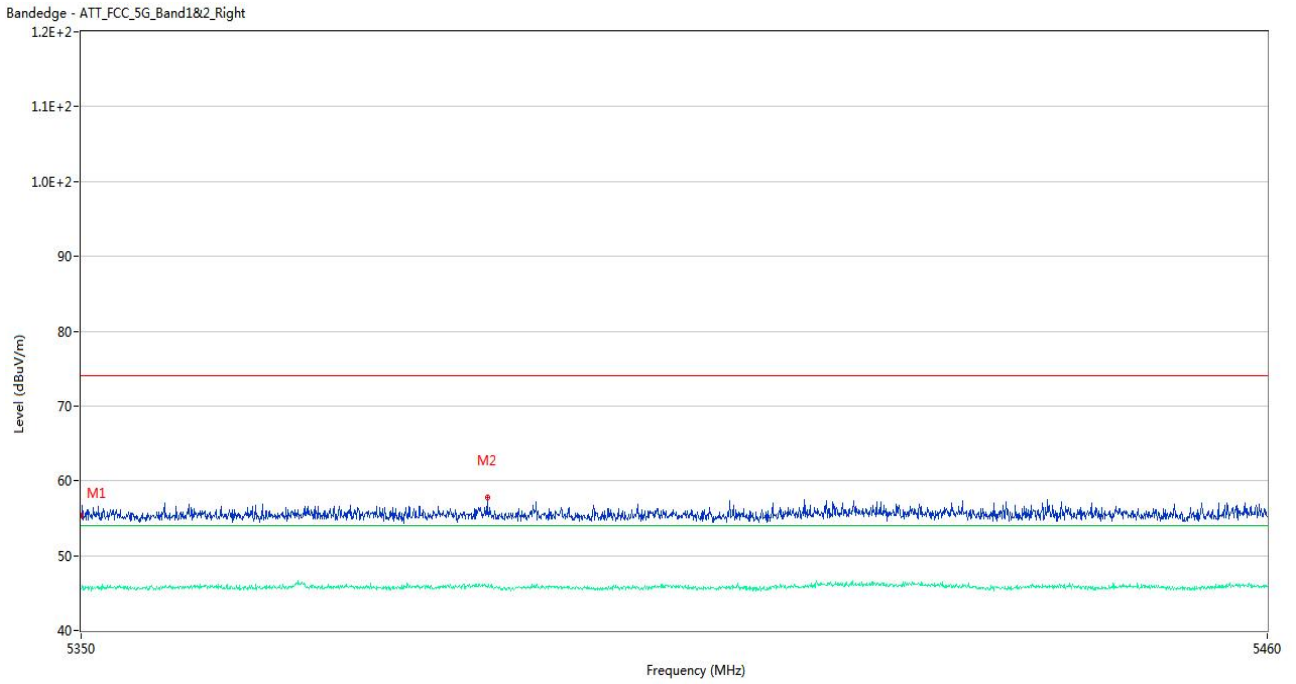
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.78	1.93	74.0	18.22	Peak	3.00	100	Horizontal	Pass
1**	5350.000	45.54	1.93	54.0	8.46	AV	3.00	100	Horizontal	Pass
2	5430.410	57.70	2.29	74.0	16.30	Peak	254.00	150	Horizontal	Pass
2**	5430.410	45.93	2.29	54.0	8.07	AV	254.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



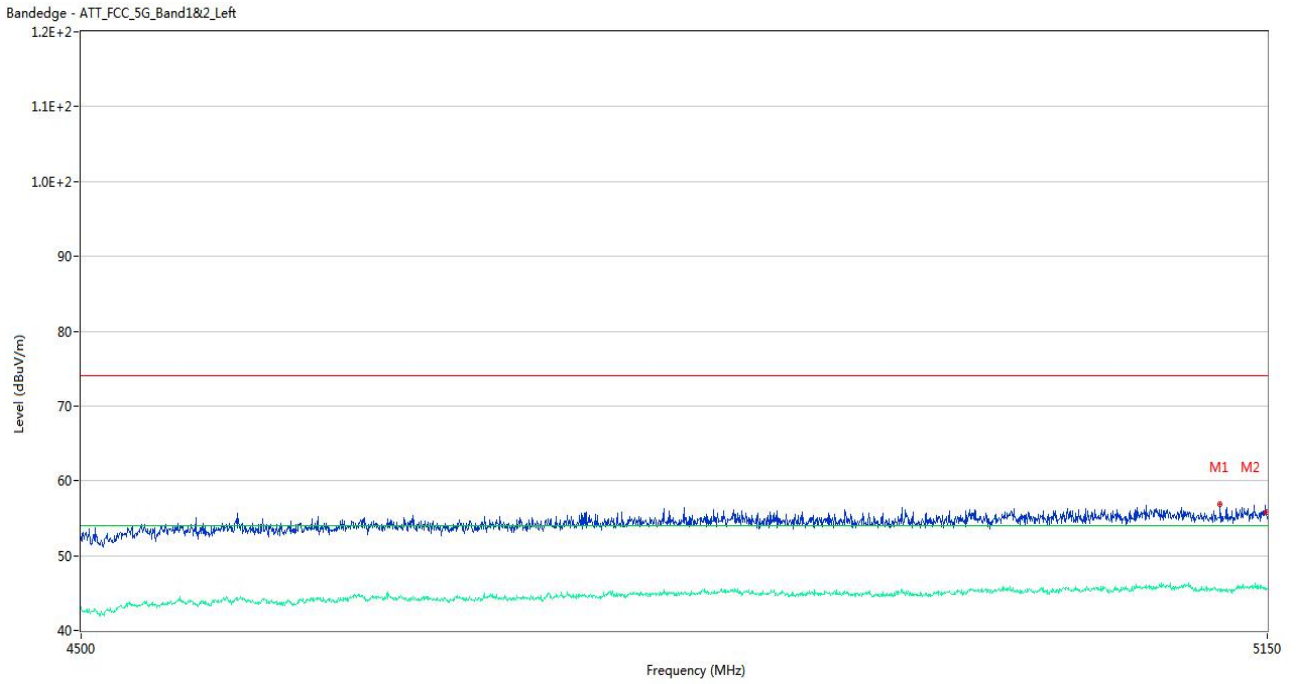
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	64.24	2.05	74.0	9.76	Peak	314.00	200	Horizontal	Pass
1**	5149.350	47.28	2.05	54.0	6.72	AV	314.00	200	Horizontal	Pass
2	5149.675	63.89	2.07	74.0	10.11	Peak	307.00	150	Horizontal	Pass
2**	5149.675	47.51	2.07	54.0	6.49	AV	307.00	150	Horizontal	Pass

U-NII-1 11n40 High Channel



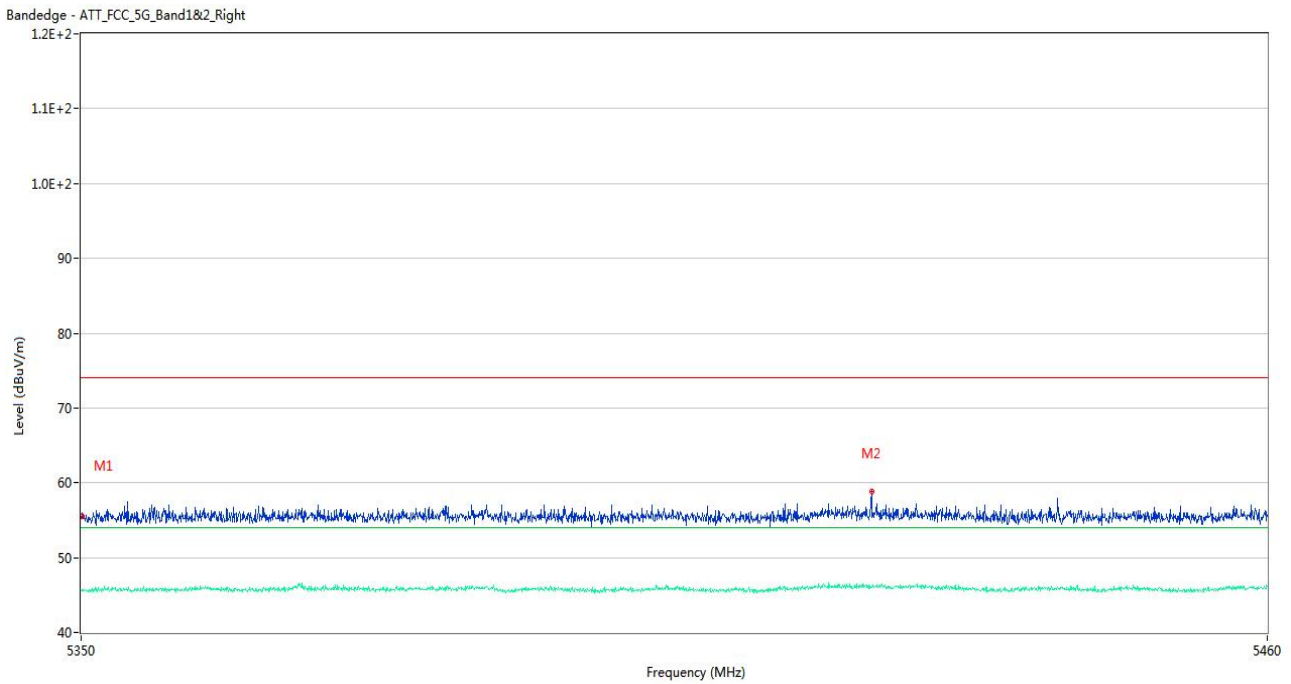
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.41	1.93	74.0	18.59	Peak	315.00	100	Horizontal	Pass
1**	5350.000	45.64	1.93	54.0	8.36	AV	315.00	100	Horizontal	Pass
2	5387.400	57.80	2.27	74.0	16.20	Peak	263.00	200	Horizontal	Pass
2**	5387.400	45.90	2.27	54.0	8.10	AV	263.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



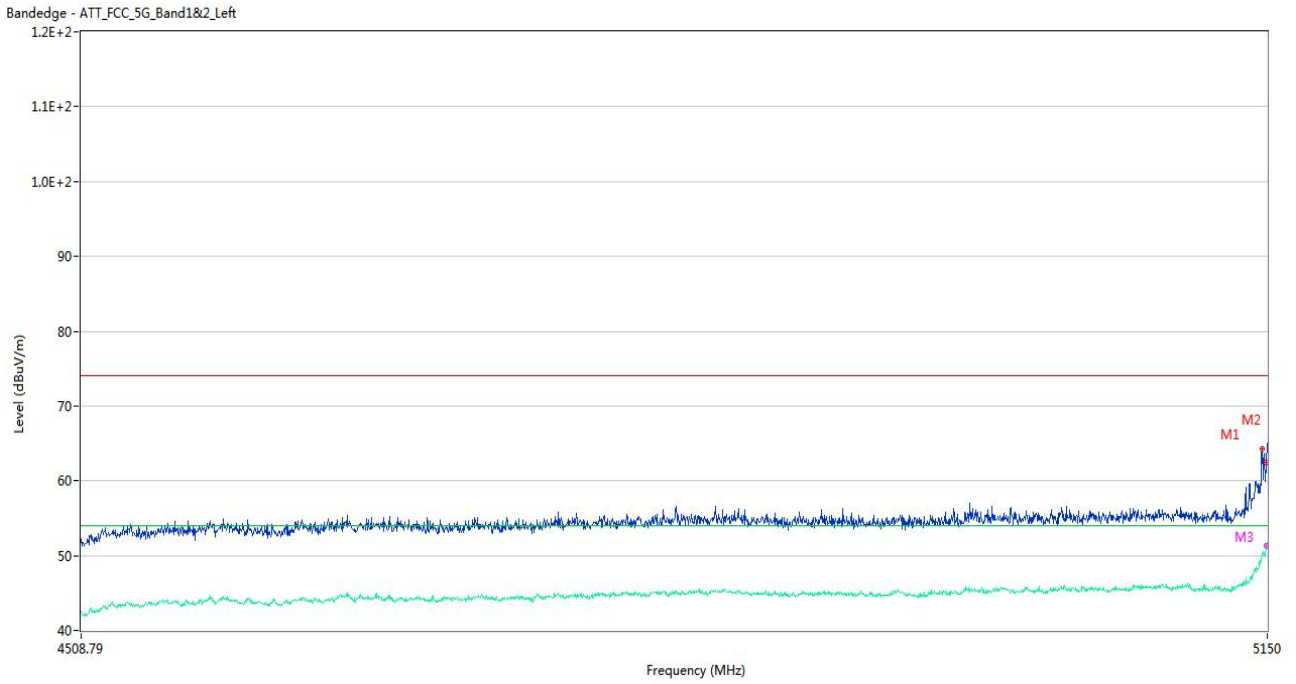
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5122.375	56.81	2.09	74.0	17.19	Peak	281.00	200	Horizontal	Pass
1**	5122.375	45.41	2.09	54.0	8.59	AV	281.00	200	Horizontal	Pass
2	5149.675	55.83	2.07	74.0	18.17	Peak	44.00	200	Horizontal	Pass
2**	5149.675	45.59	2.07	54.0	8.41	AV	44.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel



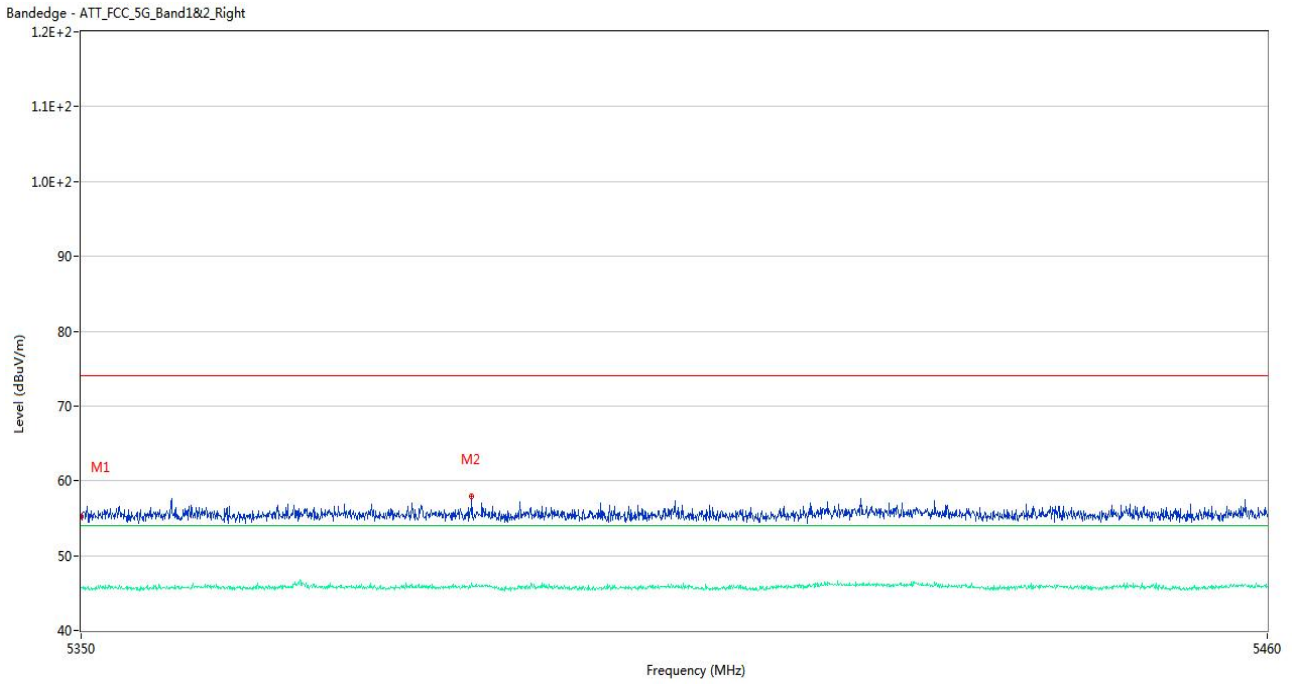
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.53	1.93	74.0	18.47	Peak	0.00	100	Horizontal	Pass
1**	5350.055	45.54	1.93	54.0	8.46	AV	0.00	100	Horizontal	Pass
2	5423.040	58.90	2.45	74.0	15.10	Peak	244.00	150	Horizontal	Pass
2**	5423.040	46.13	2.45	54.0	7.87	AV	244.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel



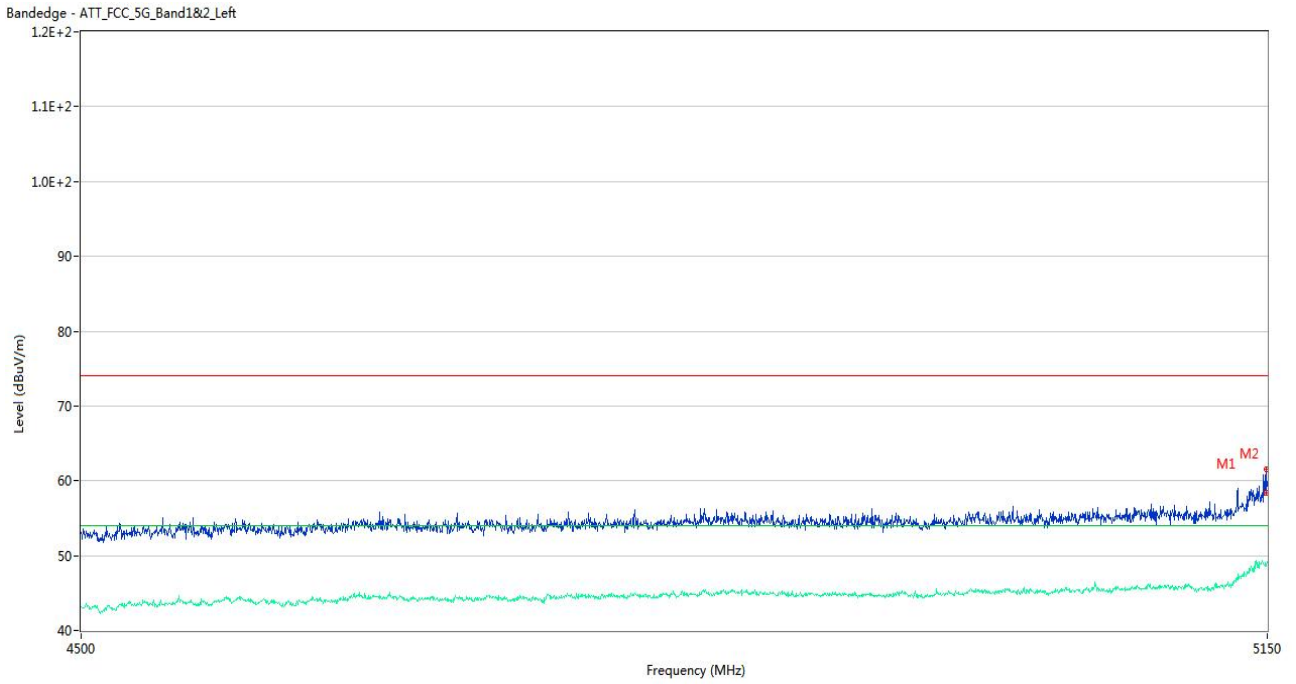
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	64.21	2.27	74.0	9.79	Peak	314.00	200	Horizontal	Pass
1**	5147.075	50.11	2.27	54.0	3.89	AV	314.00	200	Horizontal	Pass
2	5149.675	62.38	2.07	74.0	11.62	Peak	319.00	100	Horizontal	Pass
2**	5149.675	51.34	2.07	54.0	2.66	AV	319.00	100	Horizontal	Pass
3	5149.675	62.38	2.07	74.0	11.62	Peak	319.00	150	Horizontal	Pass
3**	5149.675	51.34	2.07	54.0	2.66	AV	319.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



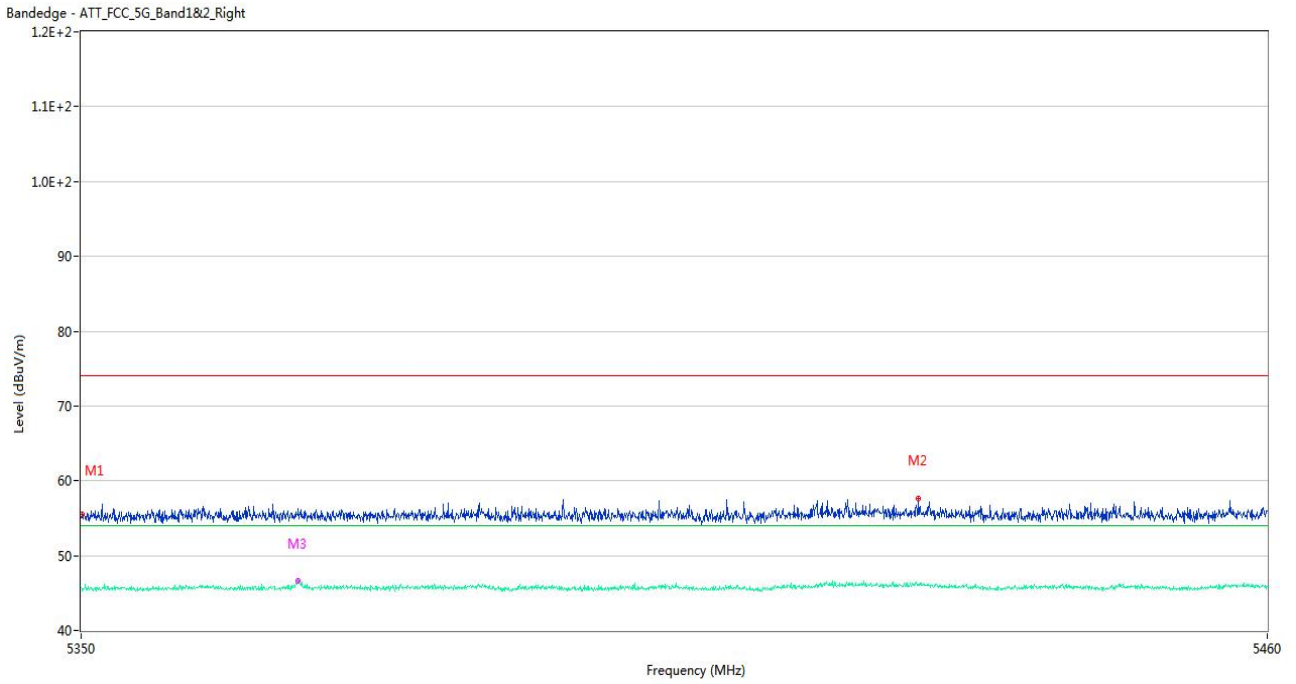
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.20	1.93	74.0	18.80	Peak	323.00	150	Horizontal	Pass
1**	5350.000	45.70	1.93	54.0	8.30	AV	323.00	150	Horizontal	Pass
2	5385.970	57.97	2.29	74.0	16.03	Peak	300.00	100	Horizontal	Pass
2**	5385.970	46.34	2.29	54.0	7.66	AV	300.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



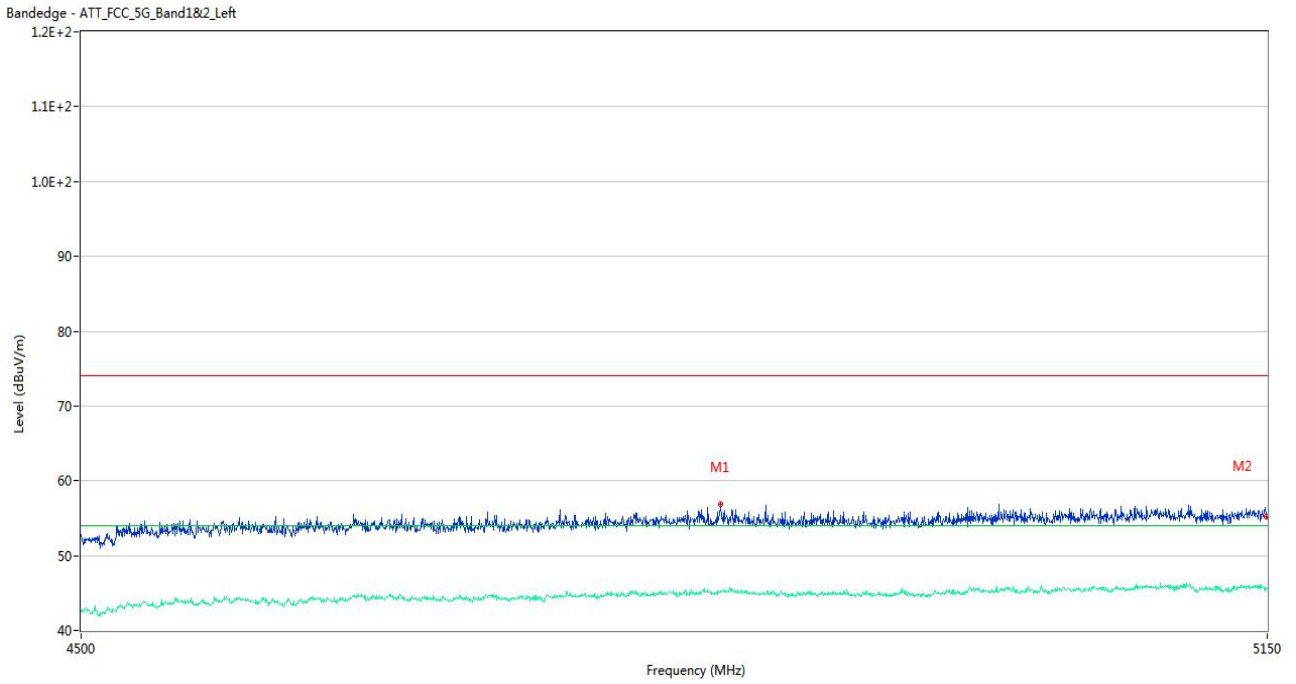
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	61.50	2.05	74.0	12.50	Peak	316.00	150	Horizontal	Pass
1**	5149.350	48.84	2.05	54.0	5.16	AV	316.00	150	Horizontal	Pass
2	5149.675	58.40	2.07	74.0	15.60	Peak	316.00	100	Horizontal	Pass
2**	5149.675	48.62	2.07	54.0	5.38	AV	316.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



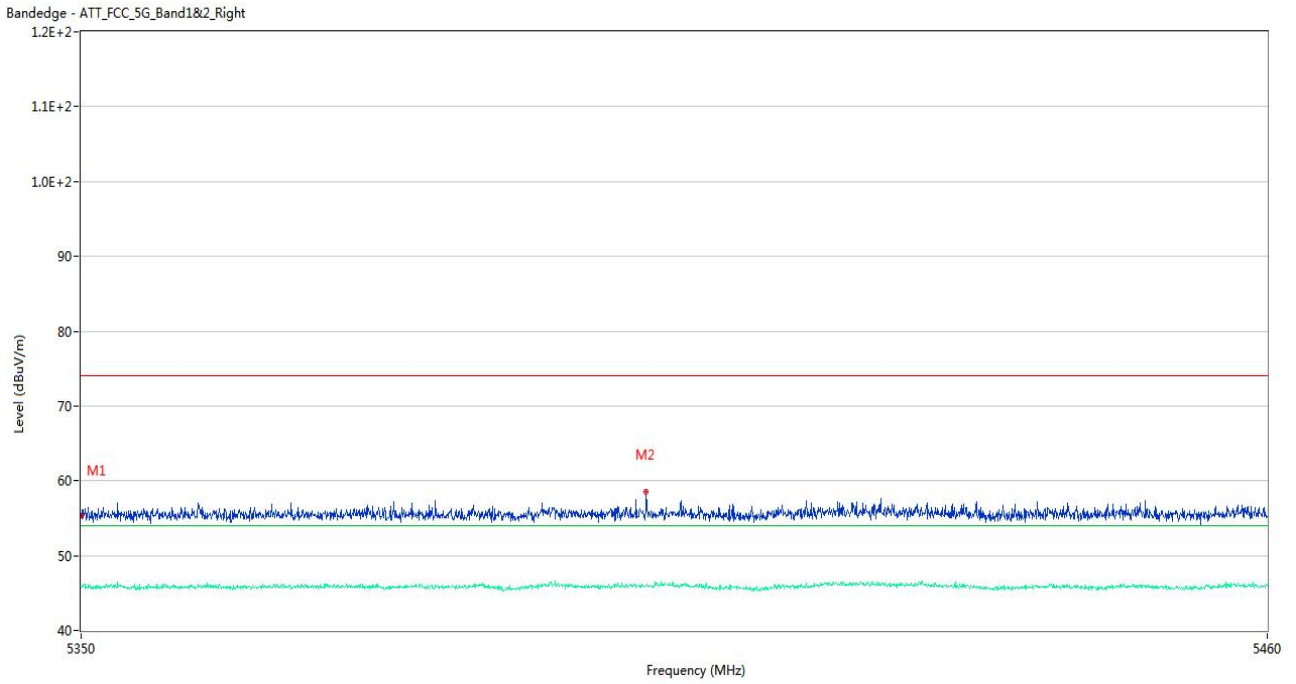
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.52	1.93	74.0	18.48	Peak	99.00	100	Horizontal	Pass
1**	5350.055	45.52	1.93	54.0	8.48	AV	99.00	100	Horizontal	Pass
2	5427.440	57.69	2.53	74.0	16.31	Peak	33.00	200	Horizontal	Pass
2**	5427.440	46.00	2.53	54.0	8.00	AV	33.00	200	Horizontal	Pass
3	5369.965	56.23	2.20	74.0	17.77	Peak	105.00	150	Horizontal	Pass
3**	5369.965	46.57	2.20	54.0	7.43	AV	105.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



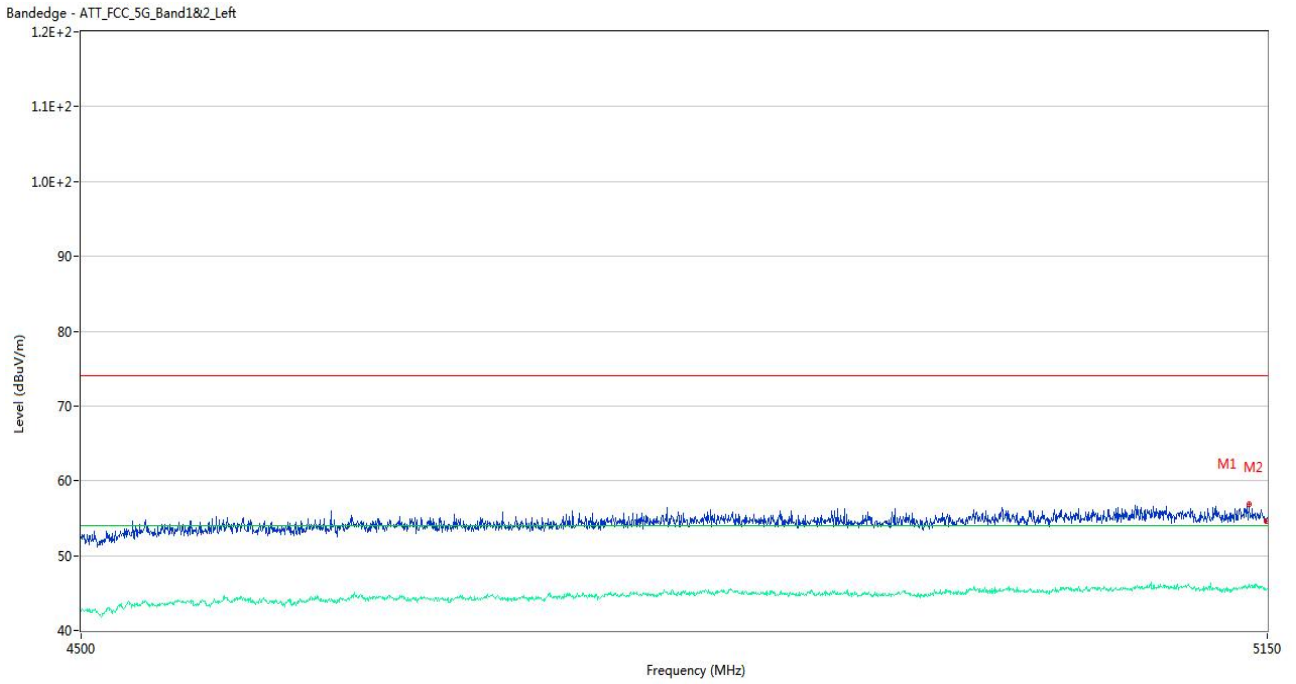
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4839.625	56.89	2.12	74.0	17.11	Peak	91.00	100	Horizontal	Pass
1**	4839.625	45.33	2.12	54.0	8.67	AV	91.00	100	Horizontal	Pass
2	5149.675	55.17	2.07	74.0	18.83	Peak	333.00	150	Horizontal	Pass
2**	5149.675	45.54	2.07	54.0	8.46	AV	333.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



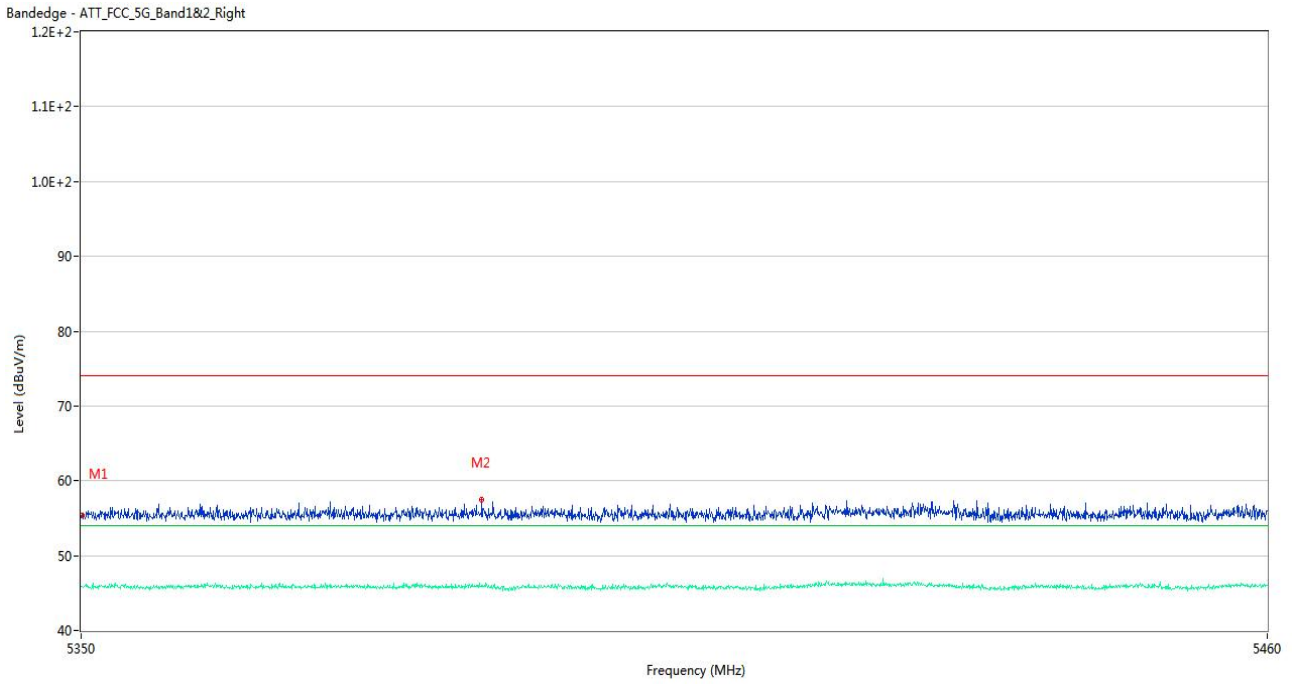
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.35	1.93	74.0	18.65	Peak	355.00	200	Horizontal	Pass
1**	5350.000	45.78	1.93	54.0	8.22	AV	355.00	200	Horizontal	Pass
2	5402.140	58.50	1.96	74.0	15.50	Peak	0.00	200	Horizontal	Pass
2**	5402.140	45.97	1.96	54.0	8.03	AV	0.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



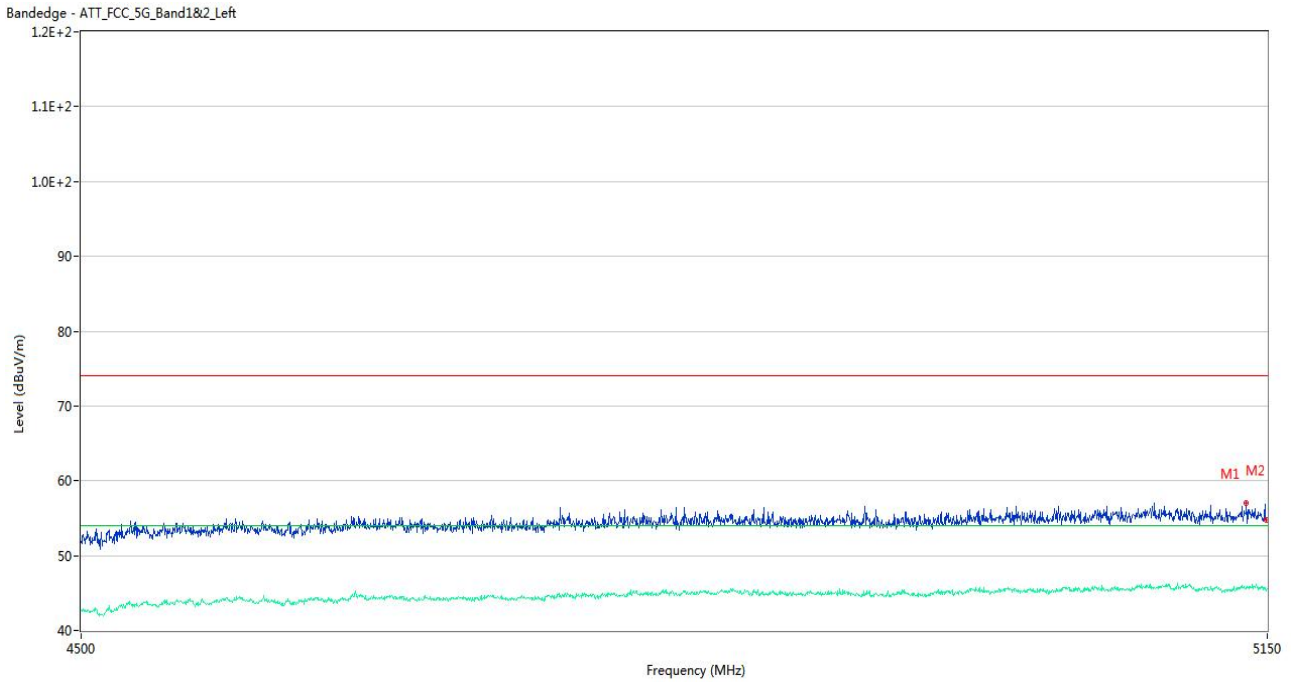
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.275	56.83	2.37	74.0	17.17	Peak	78.00	200	Horizontal	Pass
1**	5139.275	46.11	2.37	54.0	7.89	AV	78.00	200	Horizontal	Pass
2	5149.675	54.66	2.07	74.0	19.34	Peak	302.00	200	Horizontal	Pass
2**	5149.675	45.49	2.07	54.0	8.51	AV	302.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



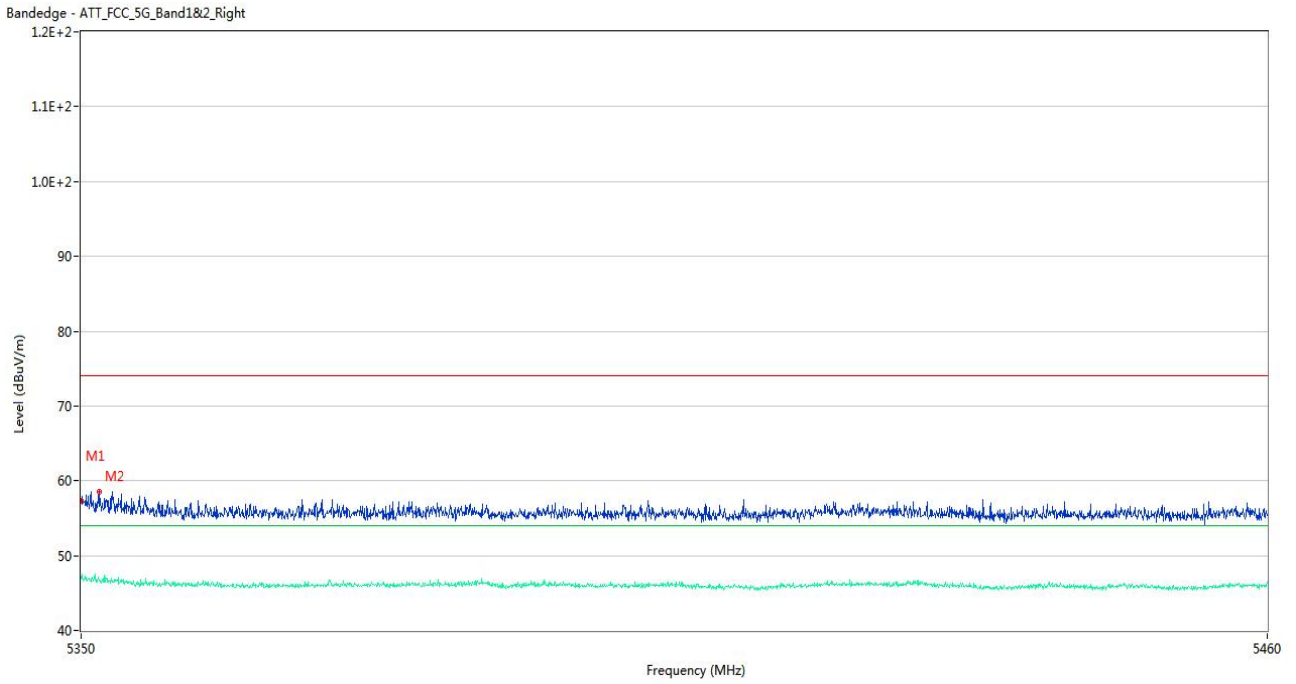
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.32	1.93	74.0	18.68	Peak	312.00	200	Horizontal	Pass
1**	5350.055	45.91	1.93	54.0	8.09	AV	312.00	200	Horizontal	Pass
2	5386.905	57.52	2.37	74.0	16.48	Peak	337.00	200	Horizontal	Pass
2**	5386.905	45.85	2.37	54.0	8.15	AV	337.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



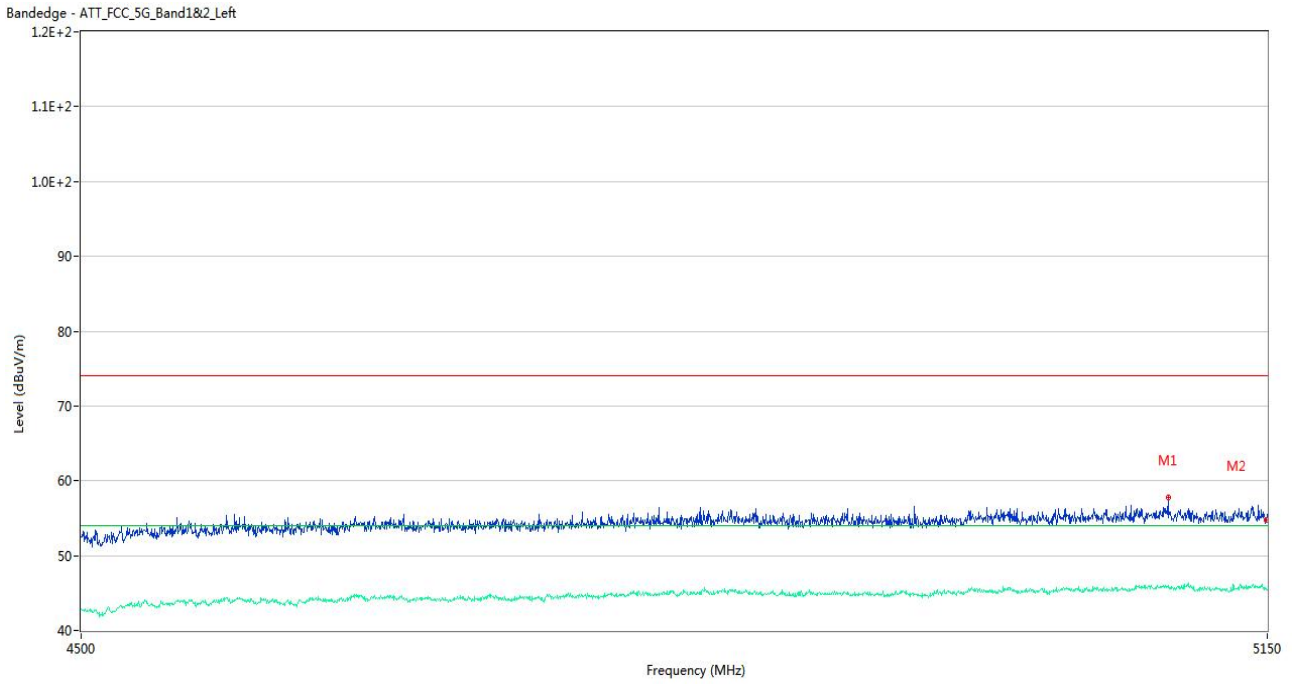
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.650	56.96	2.40	74.0	17.04	Peak	146.00	200	Horizontal	Pass
1**	5137.650	45.73	2.40	54.0	8.27	AV	146.00	200	Horizontal	Pass
2	5149.675	54.78	2.07	74.0	19.22	Peak	143.00	100	Horizontal	Pass
2**	5149.675	45.34	2.07	54.0	8.66	AV	143.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



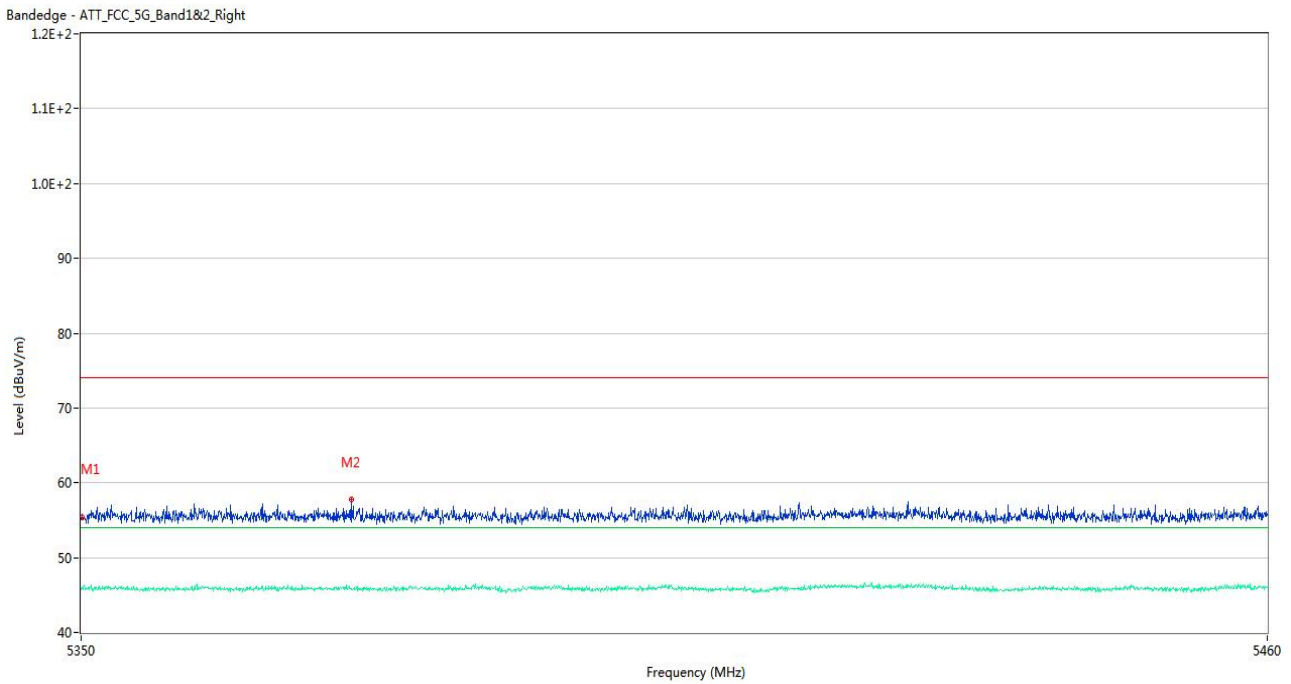
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.36	1.93	74.0	16.64	Peak	0.00	200	Horizontal	Pass
1**	5350.000	46.95	1.93	54.0	7.05	AV	0.00	200	Horizontal	Pass
2	5351.705	58.56	1.99	74.0	15.44	Peak	352.00	100	Horizontal	Pass
2**	5351.705	46.68	1.99	54.0	7.32	AV	352.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



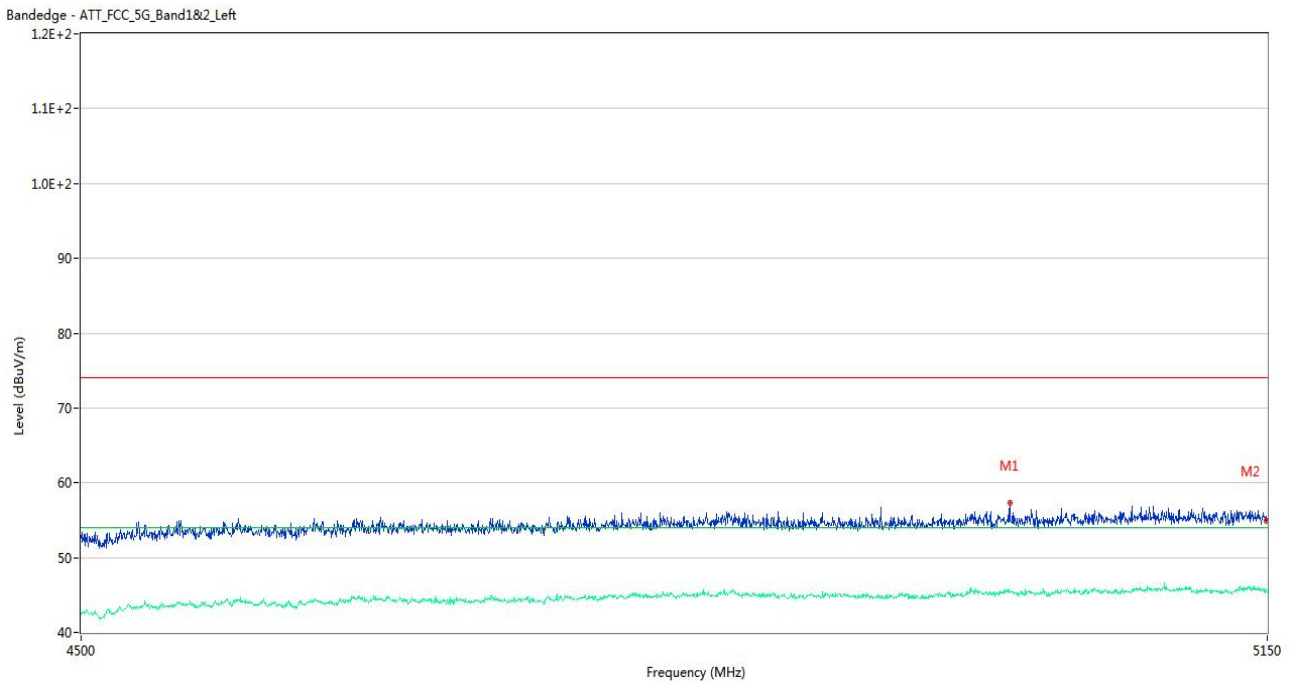
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5092.150	57.82	2.39	74.0	16.18	Peak	197.00	100	Horizontal	Pass
1**	5092.150	46.09	2.39	54.0	7.91	AV	197.00	100	Horizontal	Pass
2	5149.675	54.80	2.07	74.0	19.20	Peak	360.00	200	Horizontal	Pass
2**	5149.675	45.53	2.07	54.0	8.47	AV	360.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



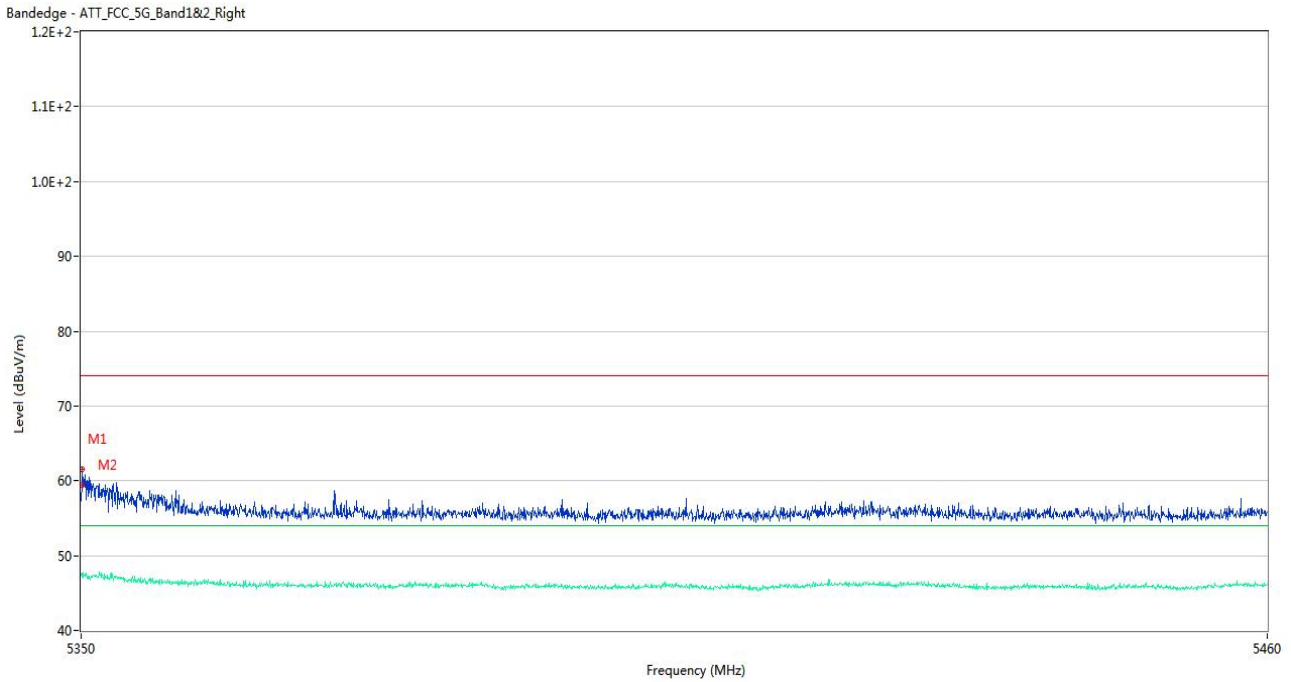
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.38	1.93	74.0	18.62	Peak	335.00	100	Horizontal	Pass
1**	5350.055	46.04	1.93	54.0	7.96	AV	335.00	100	Horizontal	Pass
2	5374.860	57.81	2.26	74.0	16.19	Peak	162.00	200	Horizontal	Pass
2**	5374.860	45.70	2.26	54.0	8.30	AV	162.00	200	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



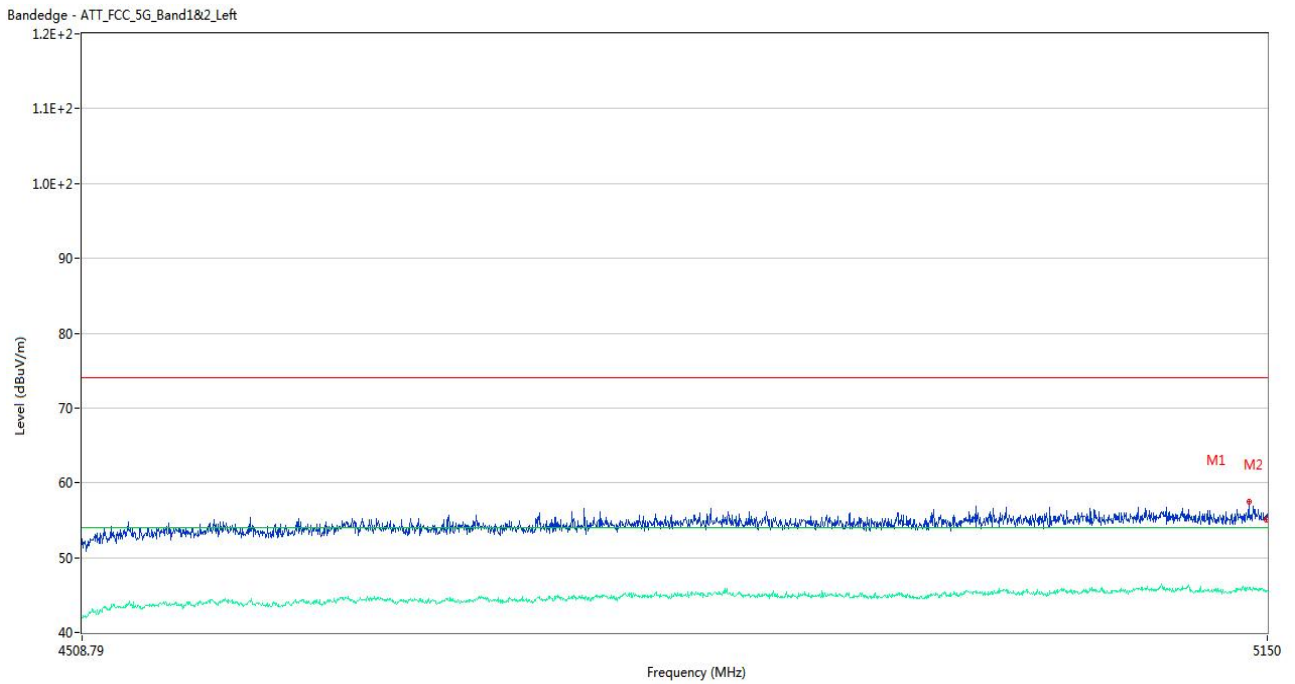
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5001.475	57.28	2.11	74.0	16.72	Peak	205.00	200	Horizontal	Pass
1**	5001.475	45.45	2.11	54.0	8.55	AV	205.00	200	Horizontal	Pass
2	5149.675	54.89	2.07	74.0	19.11	Peak	316.00	200	Horizontal	Pass
2**	5149.675	45.60	2.07	54.0	8.40	AV	316.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



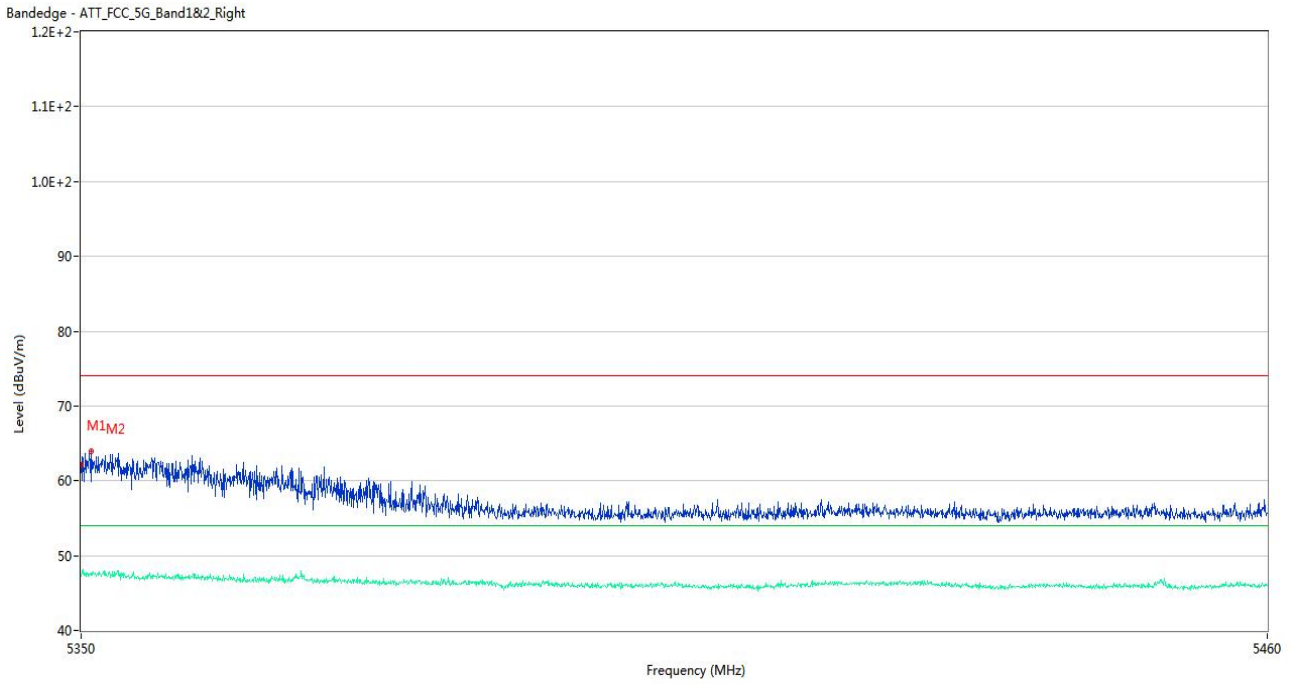
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	59.46	1.93	74.0	14.54	Peak	321.00	150	Horizontal	Pass
1**	5350.055	47.62	1.93	54.0	6.38	AV	321.00	150	Horizontal	Pass
2	5350.110	61.56	1.93	74.0	12.44	Peak	309.00	150	Horizontal	Pass
2**	5350.110	47.40	1.93	54.0	6.60	AV	309.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



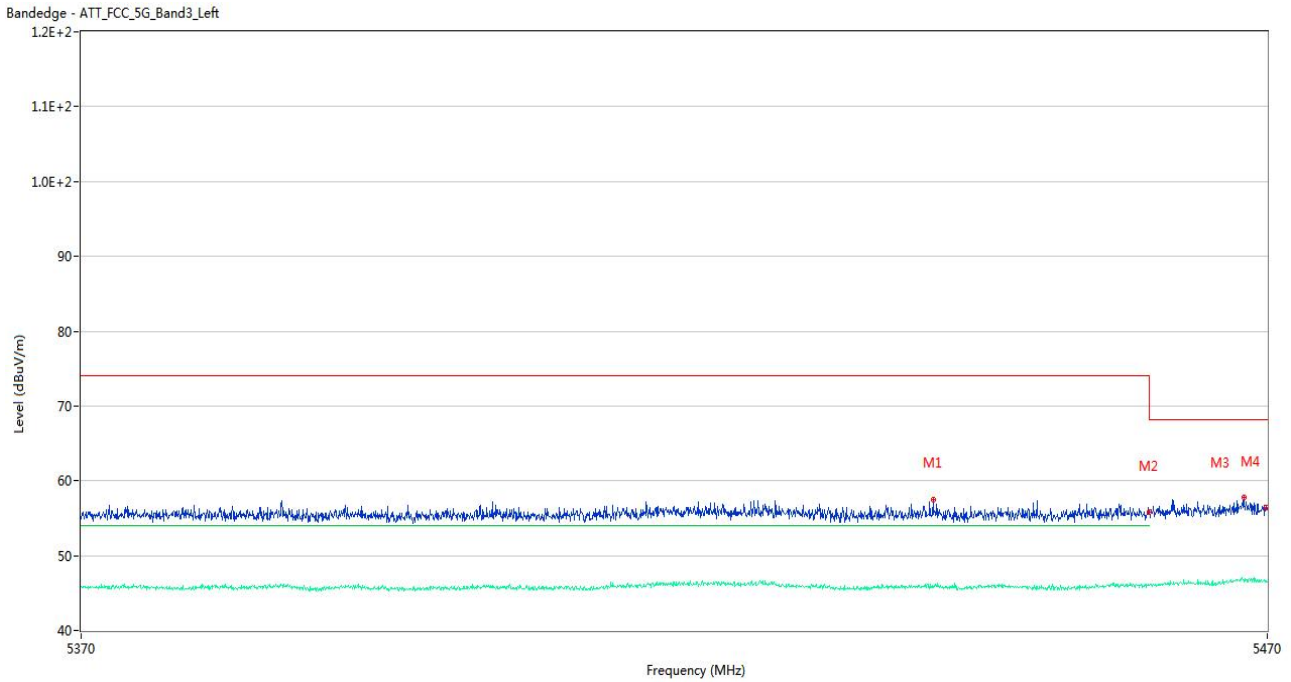
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.275	57.50	2.37	74.0	16.50	Peak	289.00	100	Horizontal	Pass
1**	5139.275	45.81	2.37	54.0	8.19	AV	289.00	100	Horizontal	Pass
2	5149.675	55.12	2.07	74.0	18.88	Peak	247.00	150	Horizontal	Pass
2**	5149.675	45.50	2.07	54.0	8.50	AV	247.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



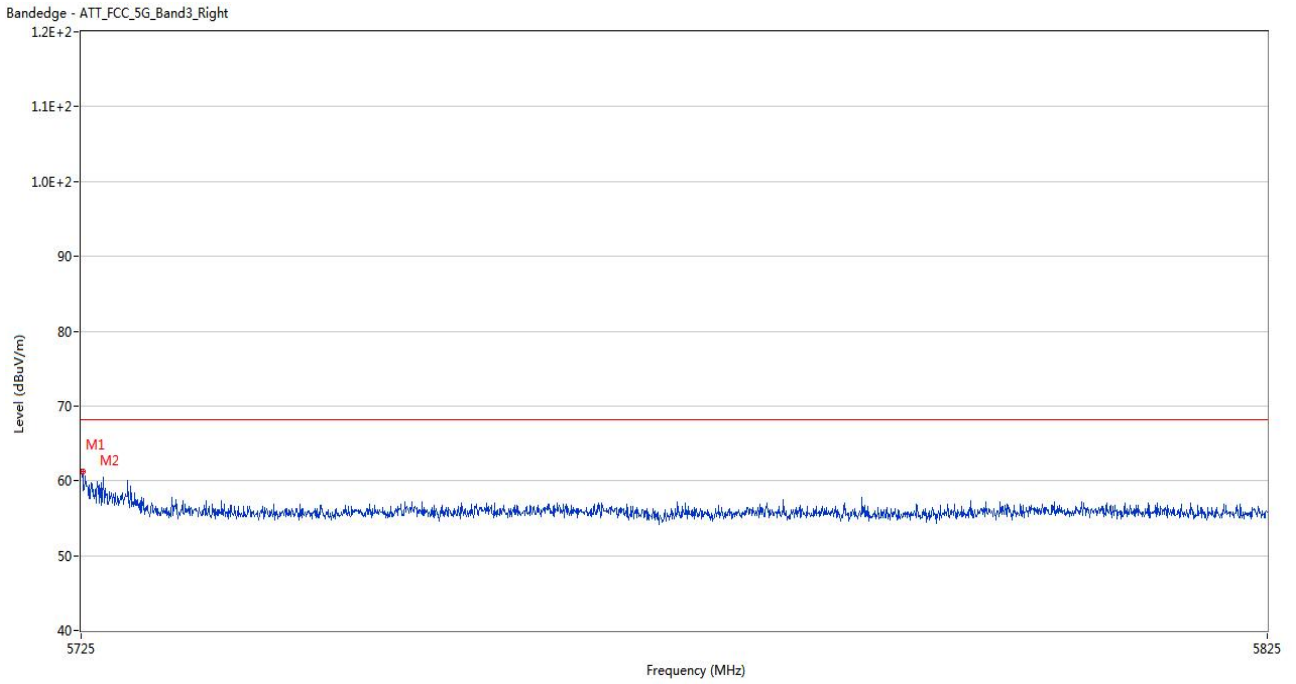
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.20	1.93	74.0	11.80	Peak	307.00	150	Horizontal	Pass
1**	5350.000	47.22	1.93	54.0	6.78	AV	307.00	150	Horizontal	Pass
2	5350.935	64.03	1.89	74.0	9.97	Peak	319.00	150	Horizontal	Pass
2**	5350.935	47.63	1.89	54.0	6.37	AV	319.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



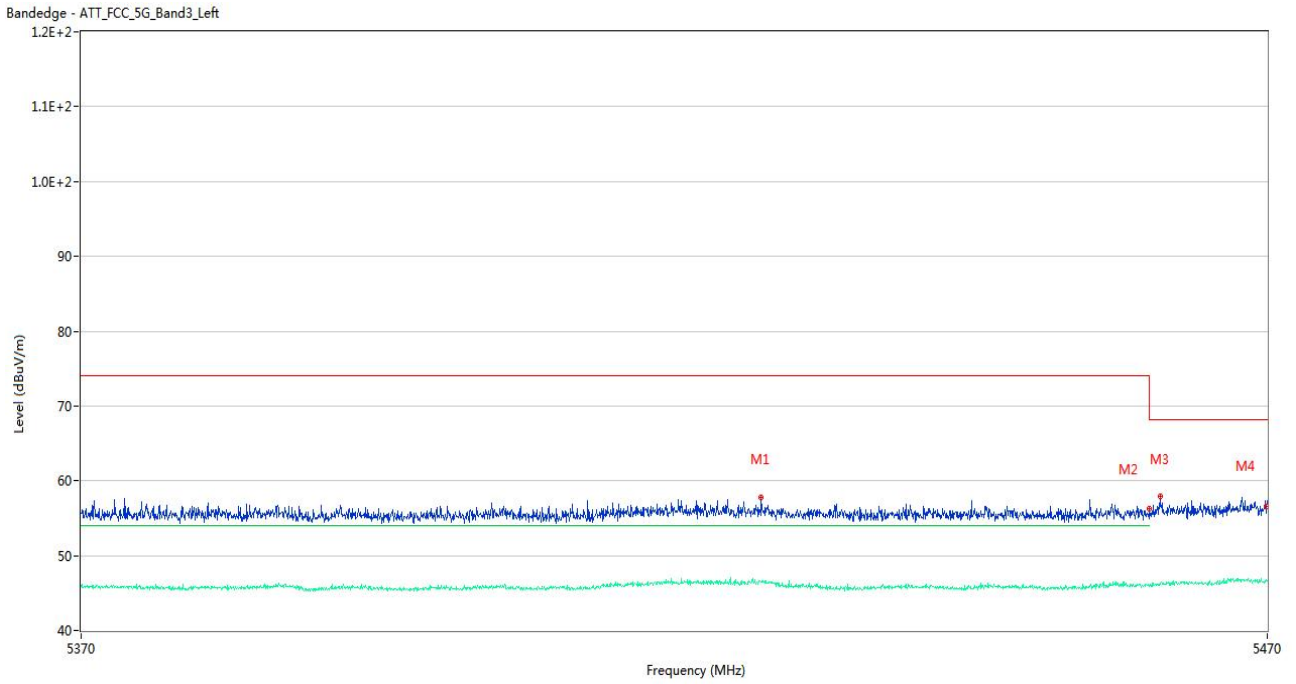
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5441.650	57.44	2.29	74.0	16.56	Peak	242.00	100	Horizontal	Pass
1**	5441.650	45.88	2.29	54.0	8.12	AV	242.00	100	Horizontal	Pass
2	5460.000	55.78	2.50	74.0	18.22	Peak	344.00	150	Horizontal	Pass
2**	5460.000	46.09	2.50	54.0	7.91	AV	344.00	150	Horizontal	Pass
3	5468.000	57.72	3.13	68.2	10.48	Peak	0.00	150	Horizontal	Pass
3**	5468.000	46.80	3.13	--	--	AV	0.00	150	Horizontal	N/A
4	5469.950	56.42	2.87	68.2	11.78	Peak	69.00	100	Horizontal	Pass
4**	5469.950	46.67	2.87	--	--	AV	69.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



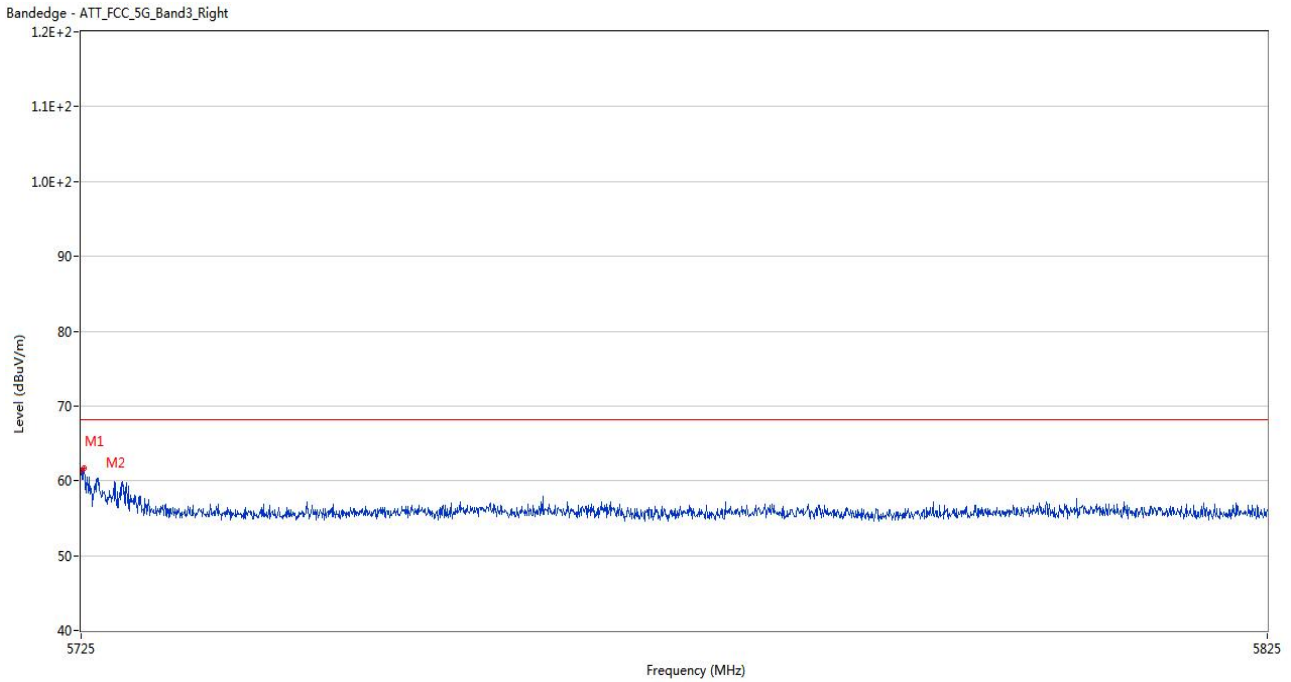
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.21	2.55	68.2	6.99	Peak	256.00	200	Horizontal	Pass
2	5725.150	61.30	2.55	68.2	6.90	Peak	9.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



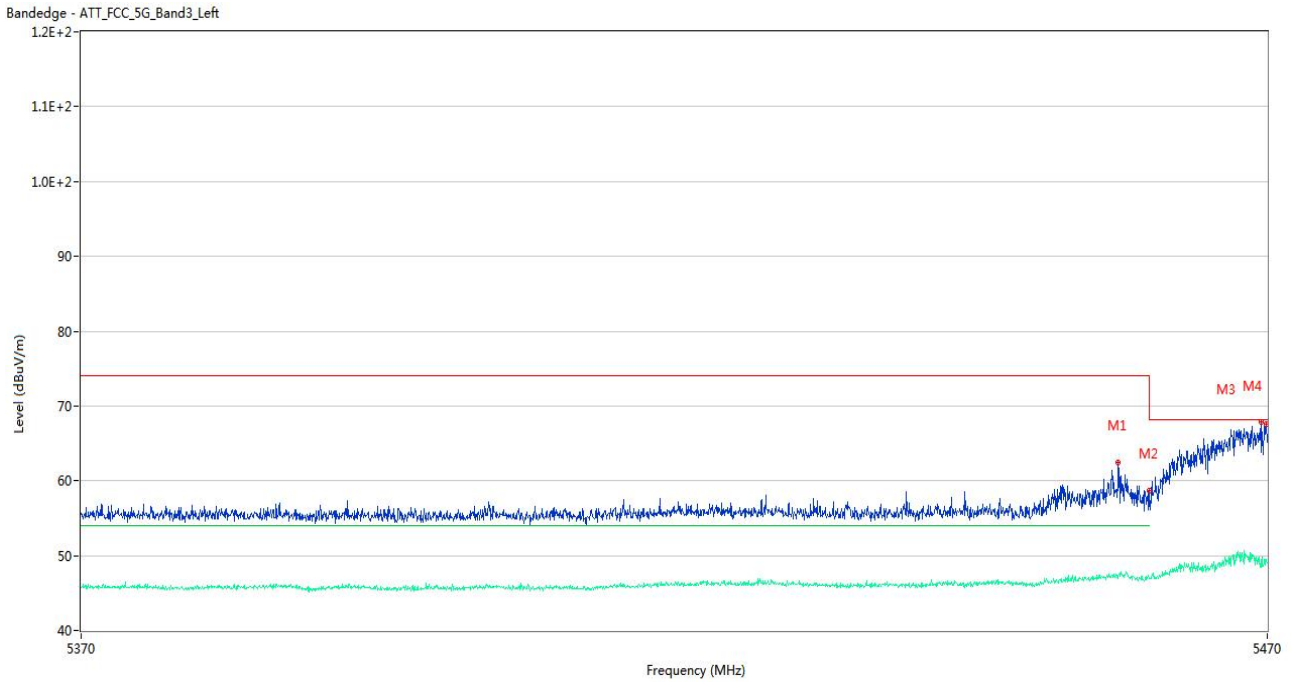
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5427.100	57.84	2.52	74.0	16.16	Peak	240.00	150	Horizontal	Pass
1**	5427.100	46.45	2.52	54.0	7.55	AV	240.00	150	Horizontal	Pass
2	5460.000	56.31	2.50	74.0	17.69	Peak	137.00	100	Horizontal	Pass
2**	5460.000	45.94	2.50	54.0	8.06	AV	137.00	100	Horizontal	Pass
3	5460.900	57.93	2.62	68.2	10.27	Peak	235.00	200	Horizontal	Pass
3**	5460.900	46.27	2.62	--	--	AV	235.00	200	Horizontal	N/A
4	5469.950	56.57	2.87	68.2	11.63	Peak	166.00	100	Horizontal	Pass
4**	5469.950	46.76	2.87	--	--	AV	166.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



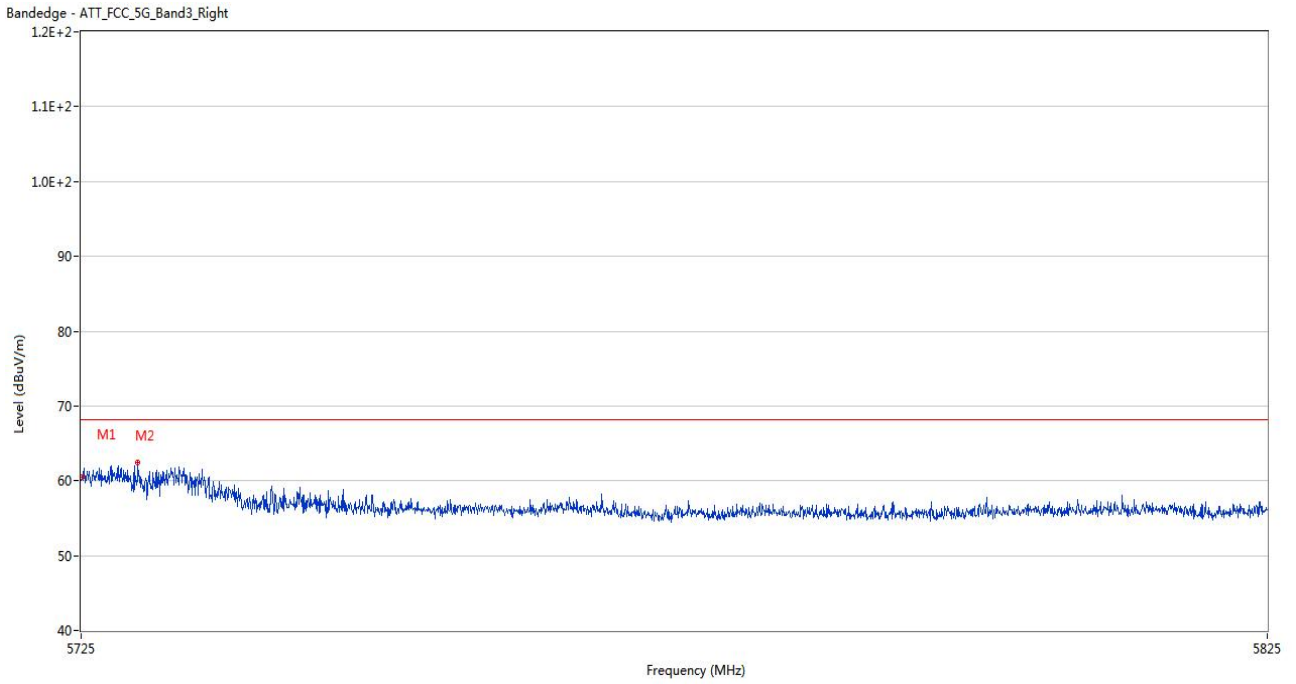
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.42	2.55	68.2	6.78	Peak	360.00	100	Horizontal	Pass
2	5725.250	61.77	2.55	68.2	6.43	Peak	29.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel



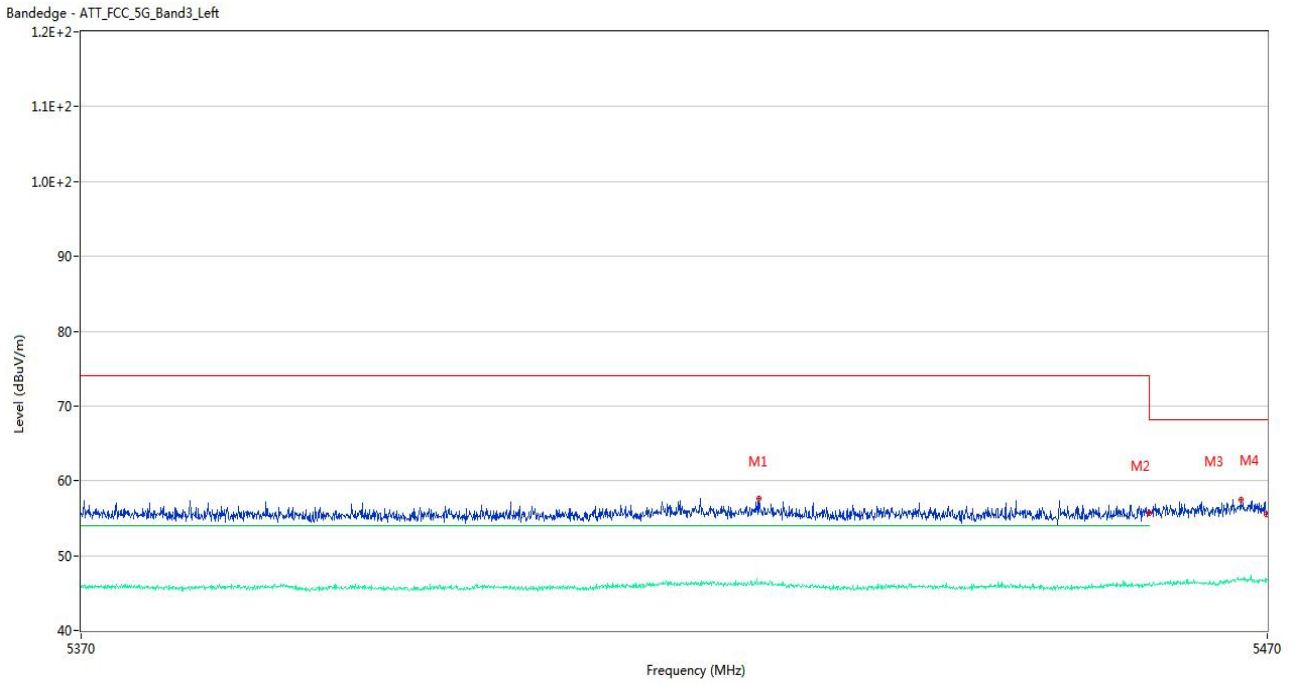
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.350	62.45	2.51	74.0	11.55	Peak	313.00	200	Horizontal	Pass
1**	5457.350	47.40	2.51	54.0	6.60	AV	313.00	200	Horizontal	Pass
2	5460.000	58.65	2.50	74.0	15.35	Peak	252.00	150	Horizontal	Pass
2**	5460.000	46.97	2.50	54.0	7.03	AV	252.00	150	Horizontal	Pass
3	5469.500	67.92	2.92	68.2	0.28	Peak	296.00	100	Horizontal	Pass
3**	5469.500	48.36	2.92	--	--	AV	296.00	100	Horizontal	N/A
4	5469.950	67.64	2.87	68.2	0.56	Peak	299.00	100	Horizontal	Pass
4**	5469.950	49.17	2.87	--	--	AV	299.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



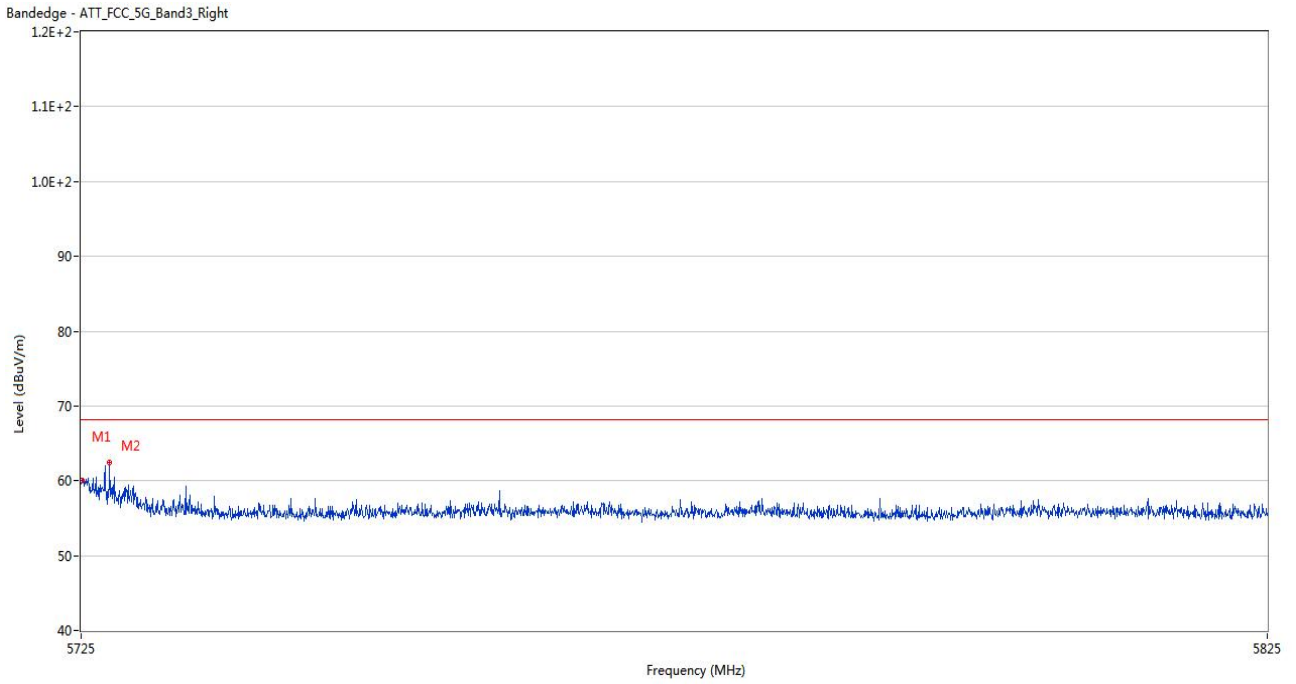
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.54	2.55	68.2	7.66	Peak	354.00	200	Horizontal	Pass
2	5729.750	62.45	2.50	68.2	5.75	Peak	359.00	200	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



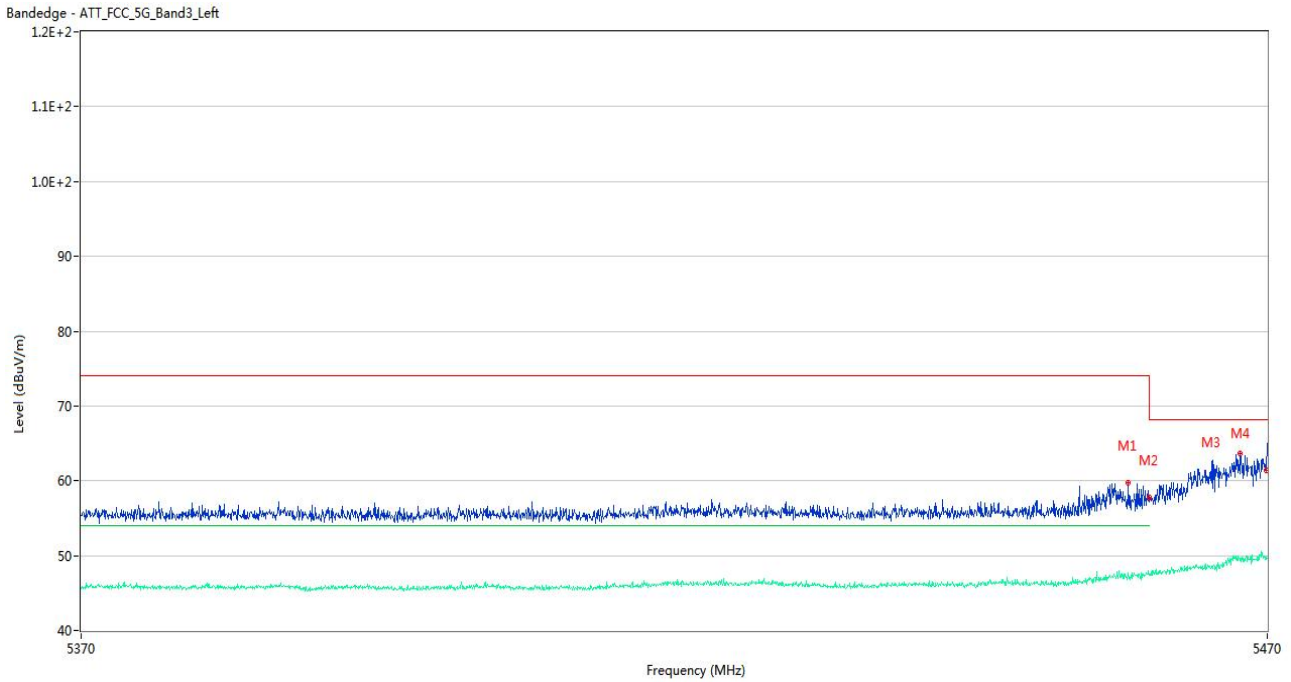
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5426.950	57.64	2.50	74.0	16.36	Peak	314.00	200	Horizontal	Pass
1**	5426.950	46.16	2.50	54.0	7.84	AV	314.00	200	Horizontal	Pass
2	5460.000	55.63	2.50	74.0	18.37	Peak	269.00	200	Horizontal	Pass
2**	5460.000	46.16	2.50	54.0	7.84	AV	269.00	200	Horizontal	Pass
3	5467.750	57.51	3.16	68.2	10.69	Peak	11.00	150	Horizontal	Pass
3**	5467.750	46.79	3.16	--	--	AV	11.00	150	Horizontal	N/A
4	5469.950	55.50	2.87	68.2	12.70	Peak	261.00	200	Horizontal	Pass
4**	5469.950	46.51	2.87	--	--	AV	261.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



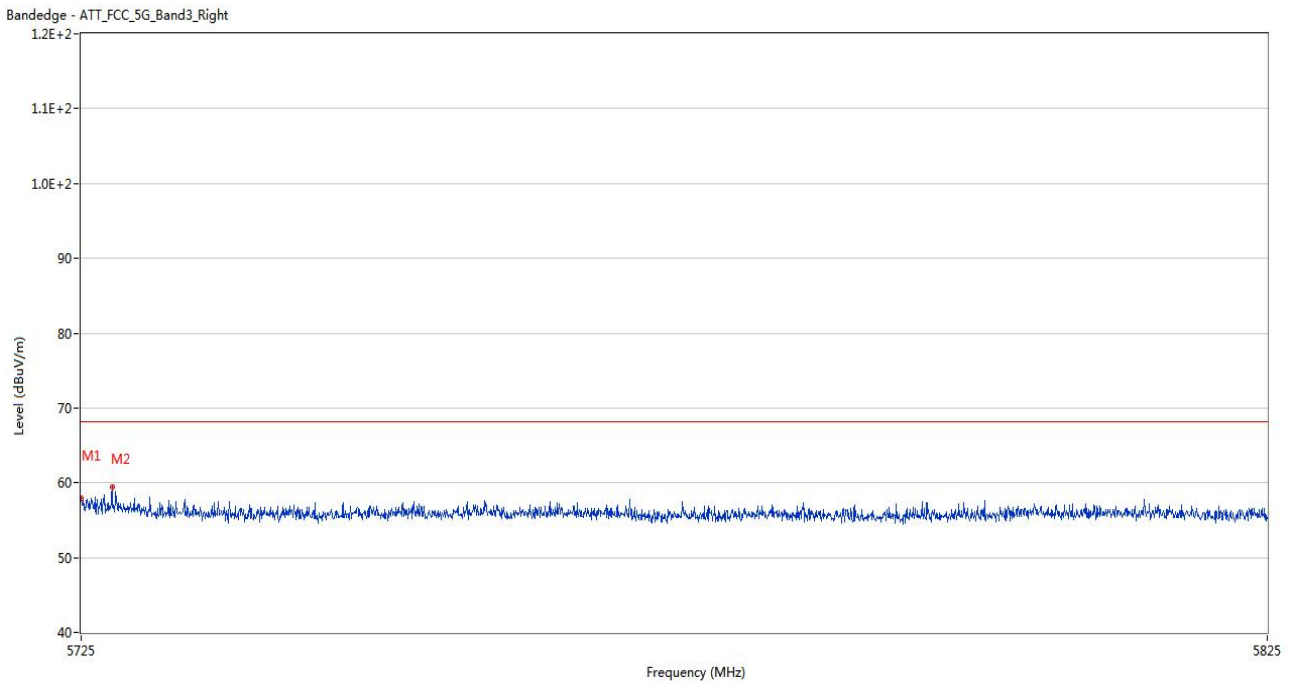
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.00	2.55	68.2	8.20	Peak	11.00	100	Horizontal	Pass
2	5727.400	62.40	2.54	68.2	5.80	Peak	257.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



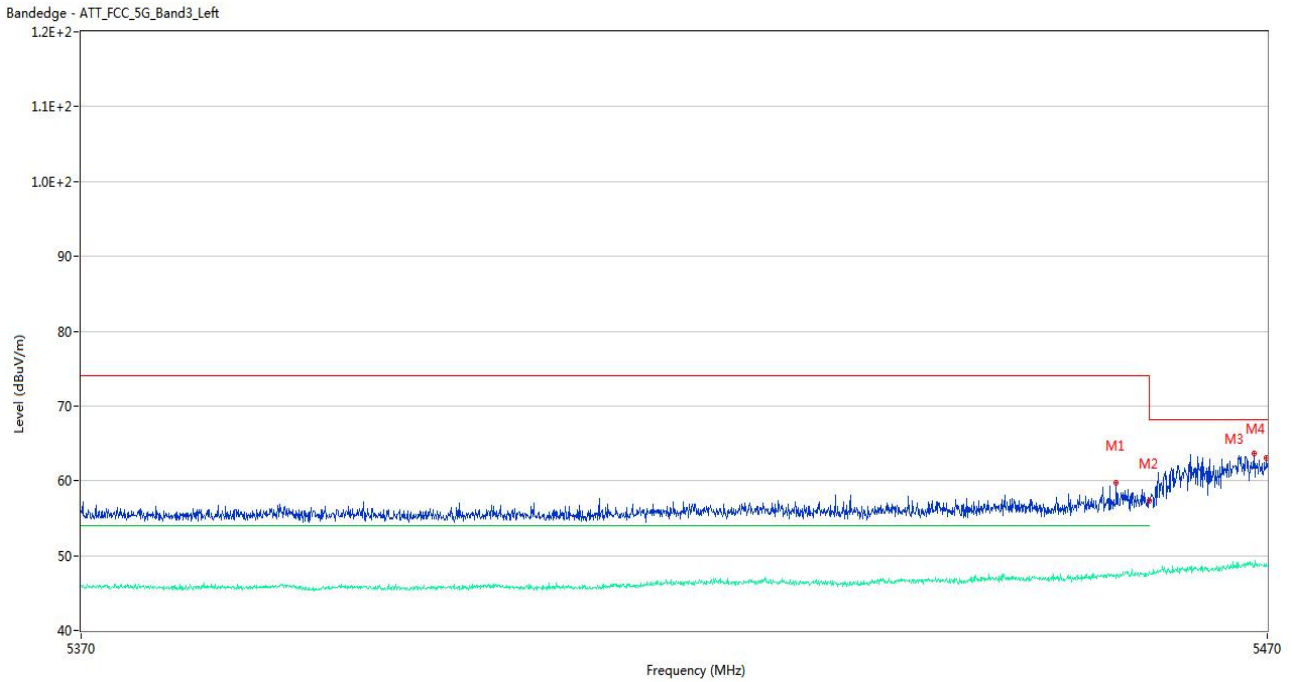
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.200	59.77	2.46	74.0	14.23	Peak	265.00	150	Horizontal	Pass
1**	5458.200	47.70	2.46	54.0	6.30	AV	265.00	150	Horizontal	Pass
2	5460.000	57.81	2.50	74.0	16.19	Peak	307.00	200	Horizontal	Pass
2**	5460.000	47.43	2.50	54.0	6.57	AV	307.00	200	Horizontal	Pass
3	5467.700	63.73	3.16	68.2	4.47	Peak	301.00	200	Horizontal	Pass
3**	5467.700	49.53	3.16	--	--	AV	301.00	200	Horizontal	N/A
4	5469.950	61.42	2.87	68.2	6.78	Peak	301.00	150	Horizontal	Pass
4**	5469.950	50.01	2.87	--	--	AV	301.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



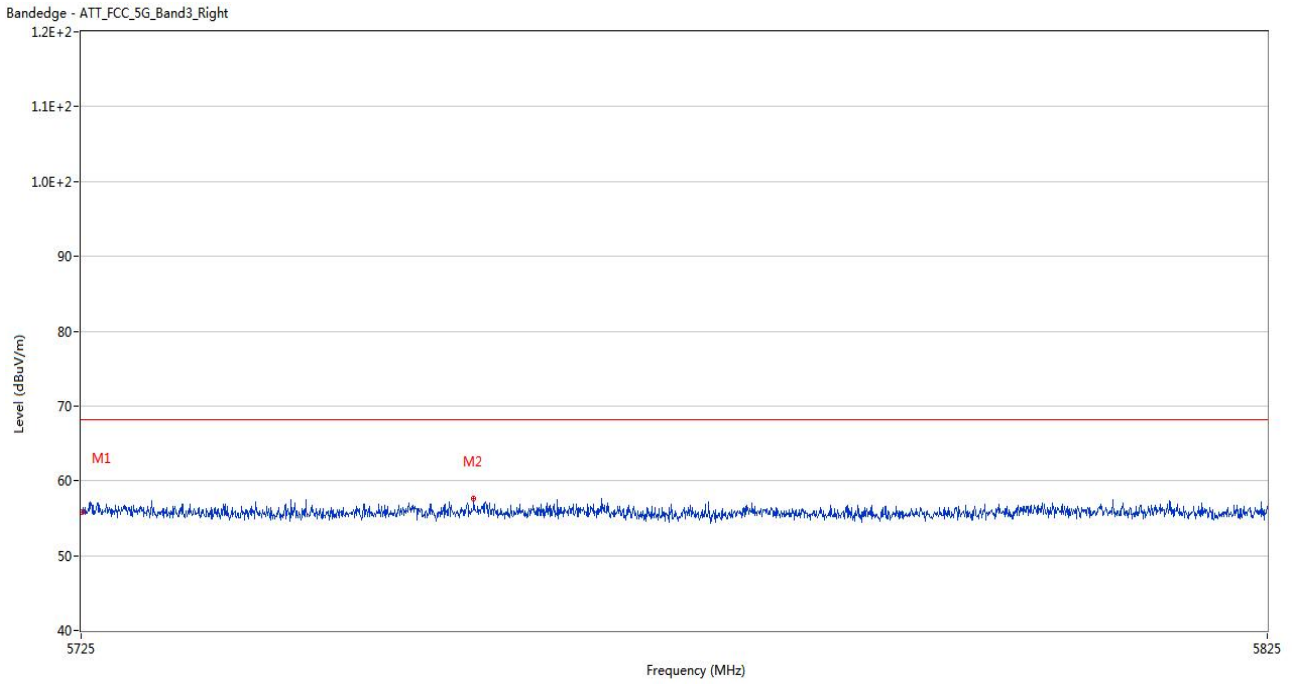
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.95	2.55	68.2	10.25	Peak	9.00	150	Horizontal	Pass
2	5727.600	59.39	2.55	68.2	8.81	Peak	293.00	100	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



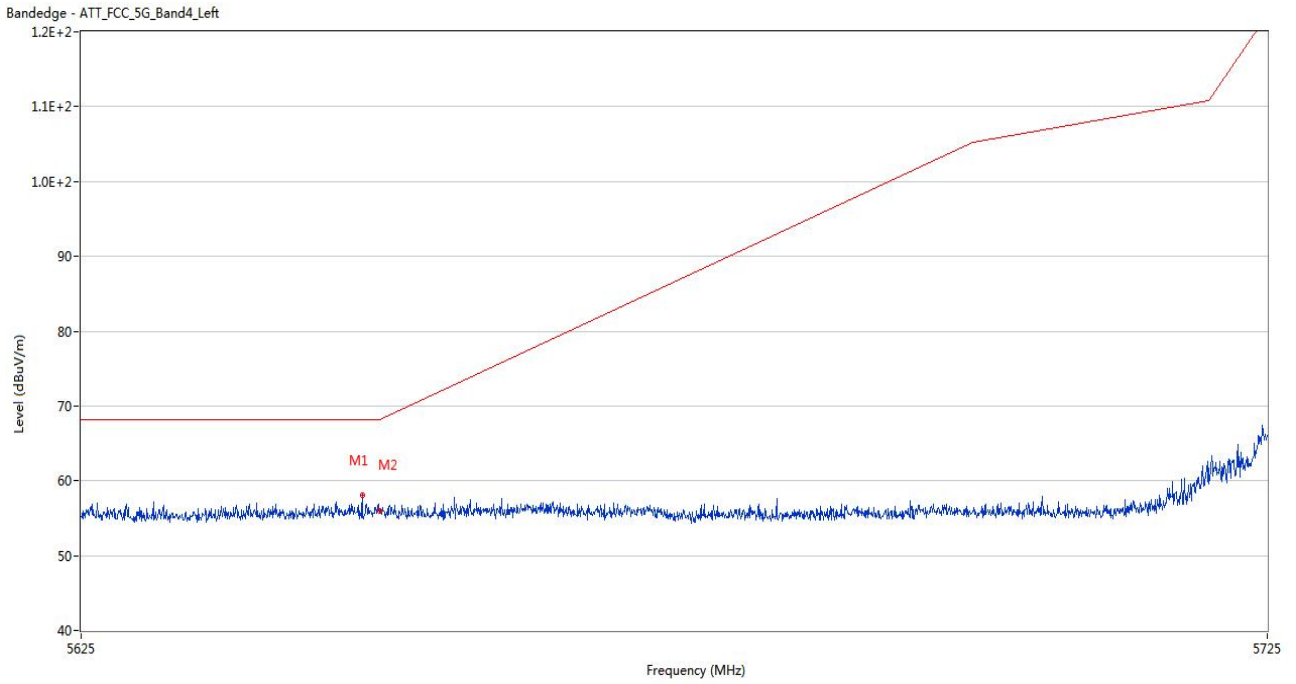
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.150	59.69	2.52	74.0	14.31	Peak	305.00	150	Horizontal	Pass
1**	5457.150	46.94	2.52	54.0	7.06	AV	305.00	150	Horizontal	Pass
2	5460.000	57.27	2.50	74.0	16.73	Peak	228.00	100	Horizontal	Pass
2**	5460.000	47.80	2.50	54.0	6.20	AV	228.00	100	Horizontal	Pass
3	5468.850	63.61	3.01	68.2	4.59	Peak	260.00	100	Horizontal	Pass
3**	5468.850	48.51	3.01	--	--	AV	260.00	100	Horizontal	N/A
4	5469.950	63.09	2.87	68.2	5.11	Peak	262.00	200	Horizontal	Pass
4**	5469.950	48.62	2.87	--	--	AV	262.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel



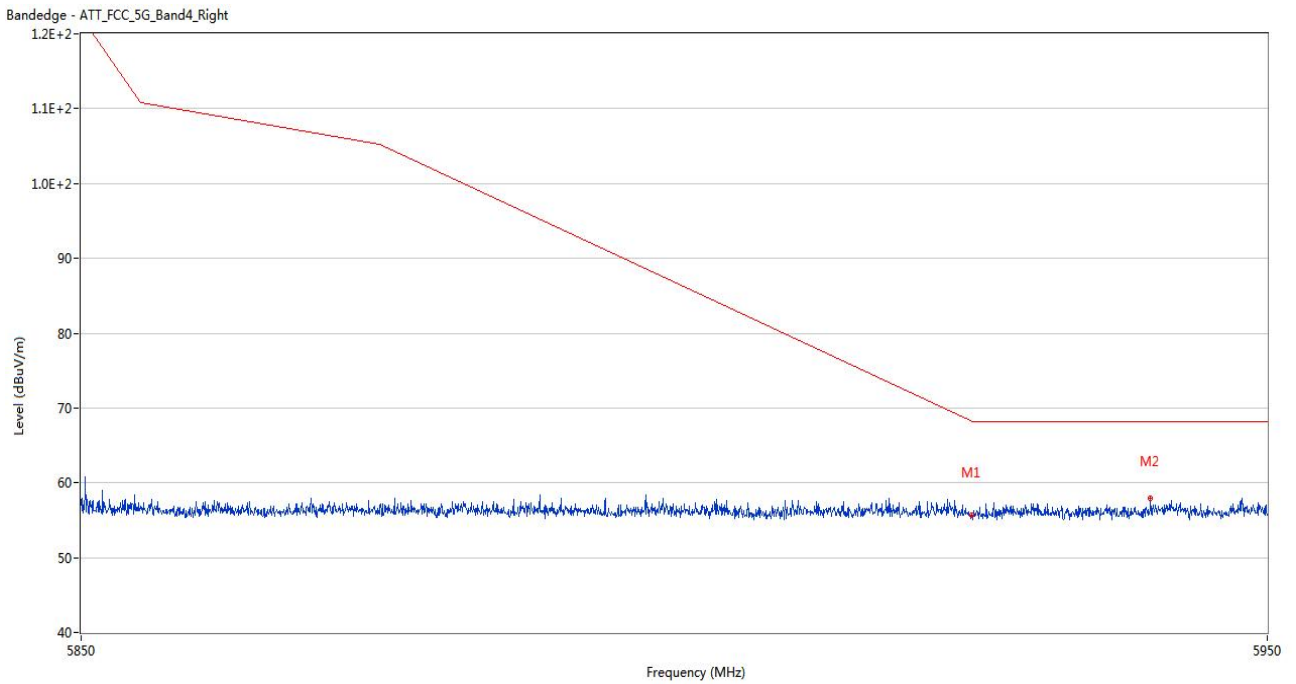
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	55.86	2.55	68.2	12.34	Peak	0.00	100	Horizontal	Pass
2	5757.900	57.66	2.64	68.2	10.54	Peak	162.00	100	Horizontal	Pass

U-NII-3 11a Low Channel



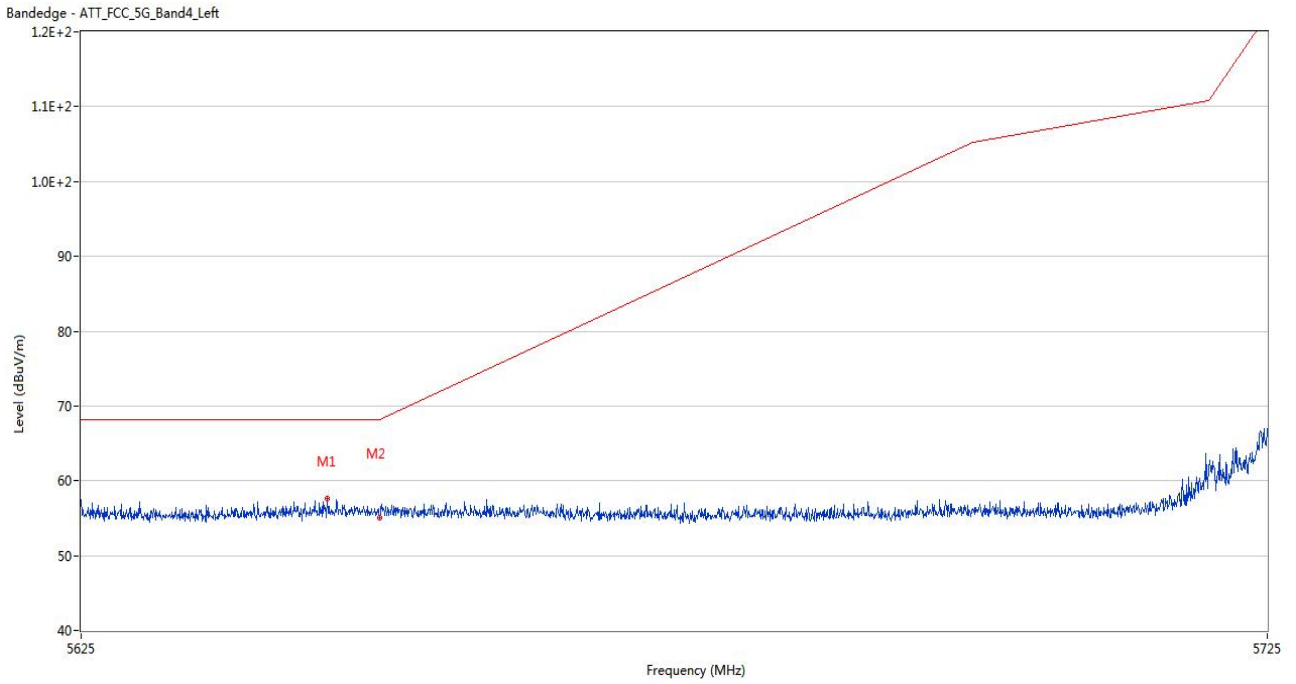
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.550	58.02	2.51	68.2	10.18	Peak	360.00	150	Horizontal	Pass
2	5650.000	56.00	2.54	68.2	12.20	Peak	247.00	150	Horizontal	Pass

U-NII-3 11a High Channel



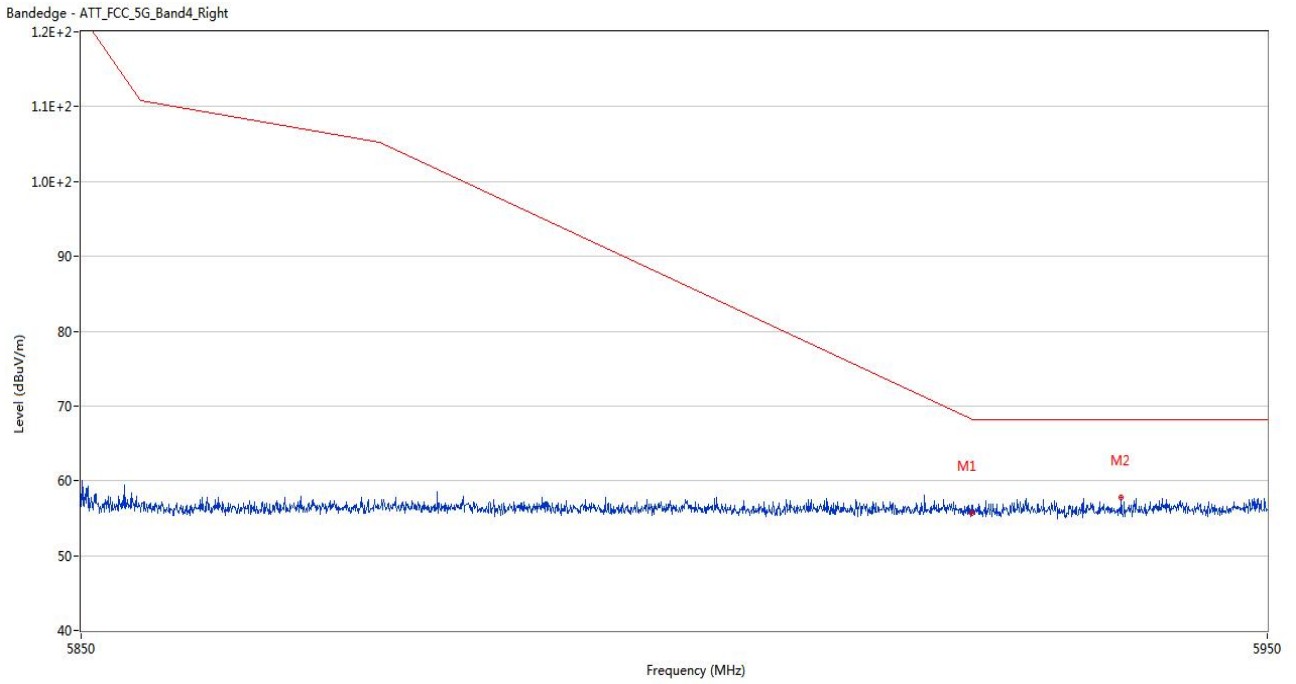
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.70	2.32	68.2	12.50	Peak	261.00	100	Horizontal	Pass
2	5940.100	57.95	2.51	68.2	10.25	Peak	193.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



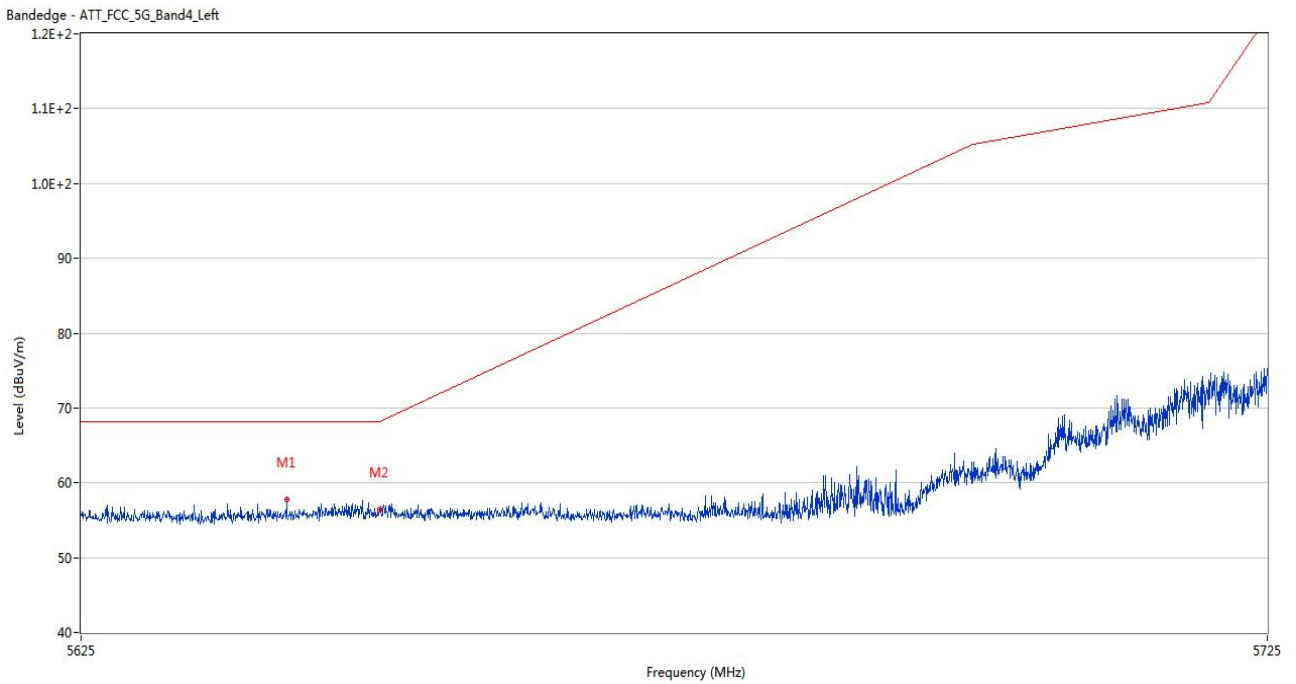
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.600	57.64	2.62	68.2	10.56	Peak	212.00	150	Horizontal	Pass
2	5650.000	55.05	2.54	68.2	13.15	Peak	65.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



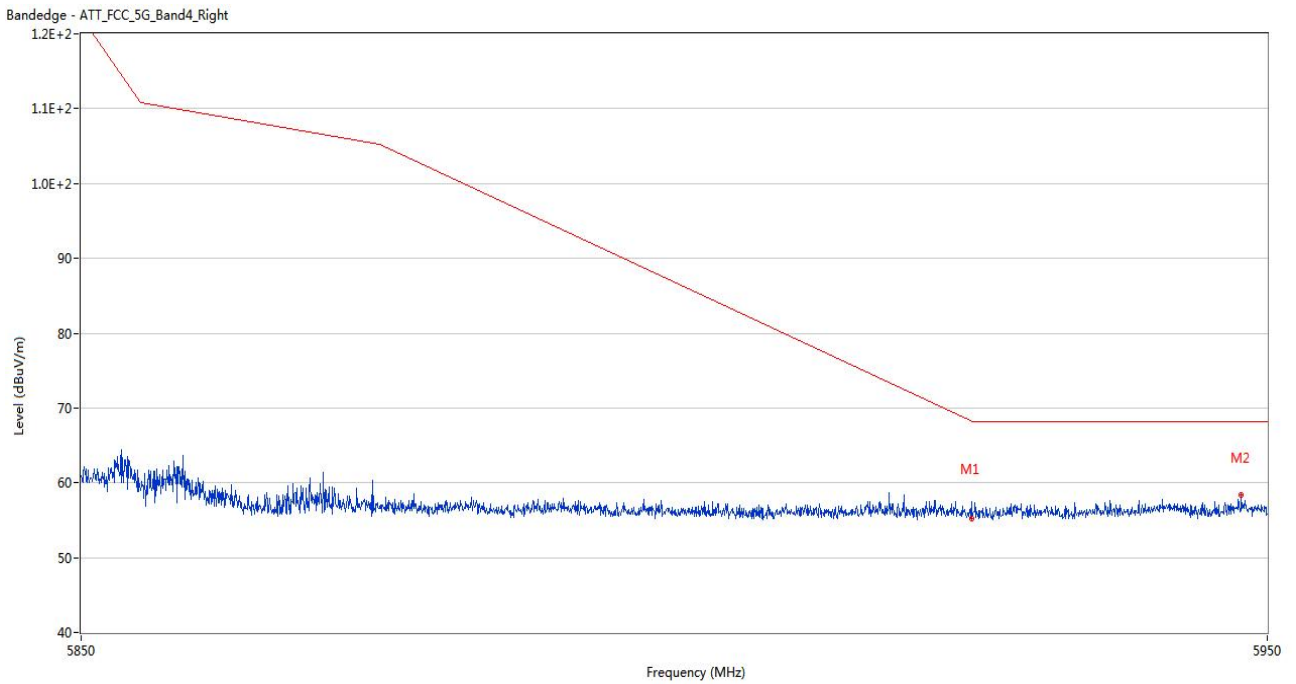
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.69	2.32	68.2	12.51	Peak	301.00	150	Horizontal	Pass
2	5937.600	57.72	2.33	68.2	10.48	Peak	289.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



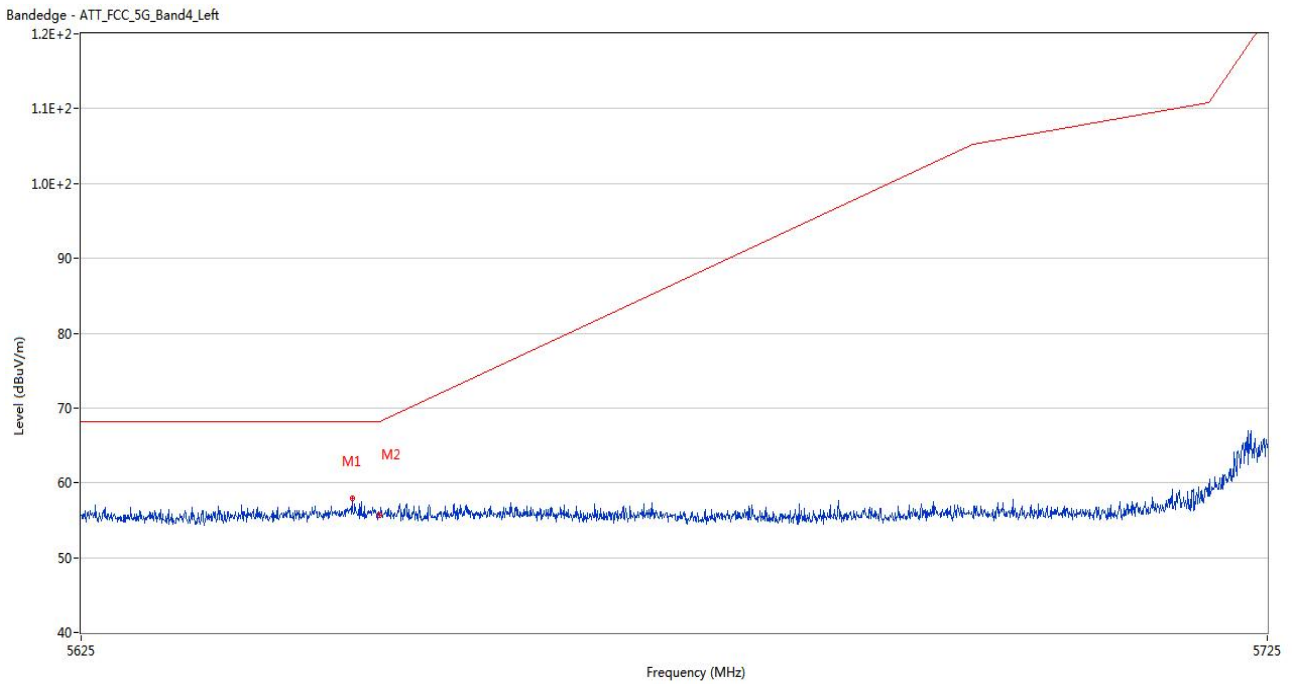
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.200	57.73	2.30	68.2	10.47	Peak	256.00	100	Horizontal	Pass
2	5650.000	56.39	2.54	68.2	11.81	Peak	95.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



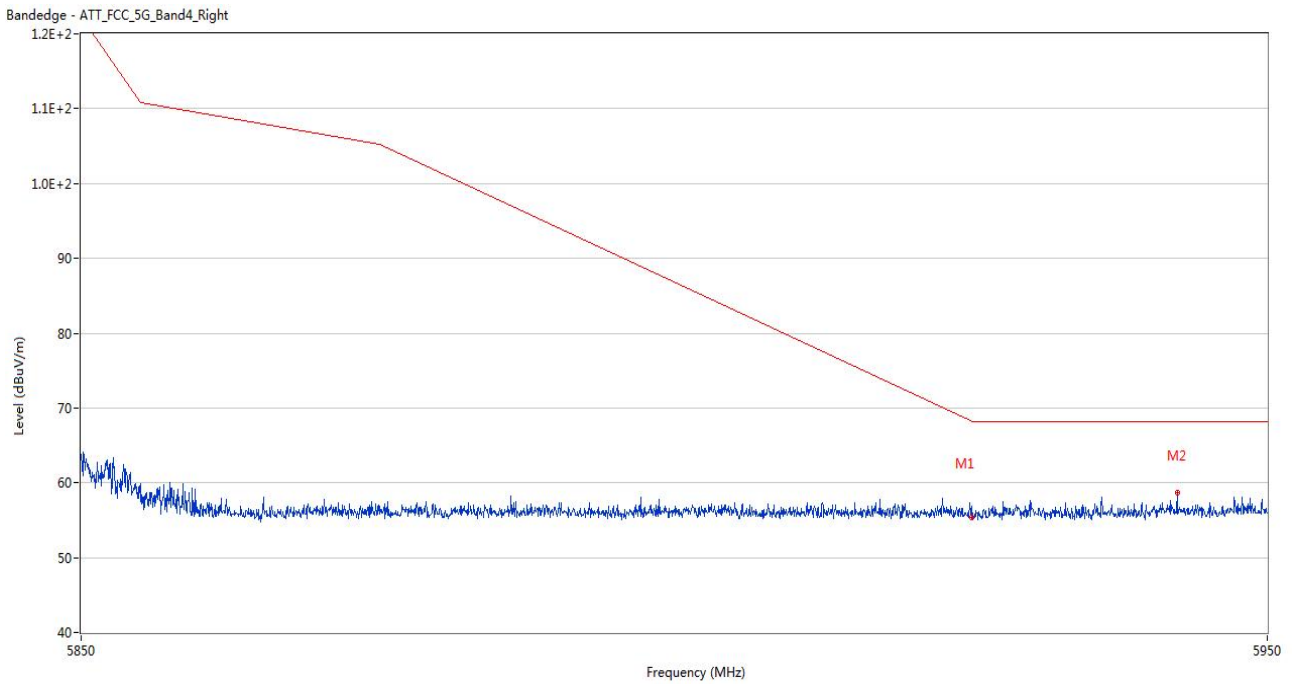
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.28	2.32	68.2	12.92	Peak	319.00	100	Horizontal	Pass
2	5947.800	58.35	2.69	68.2	9.85	Peak	40.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



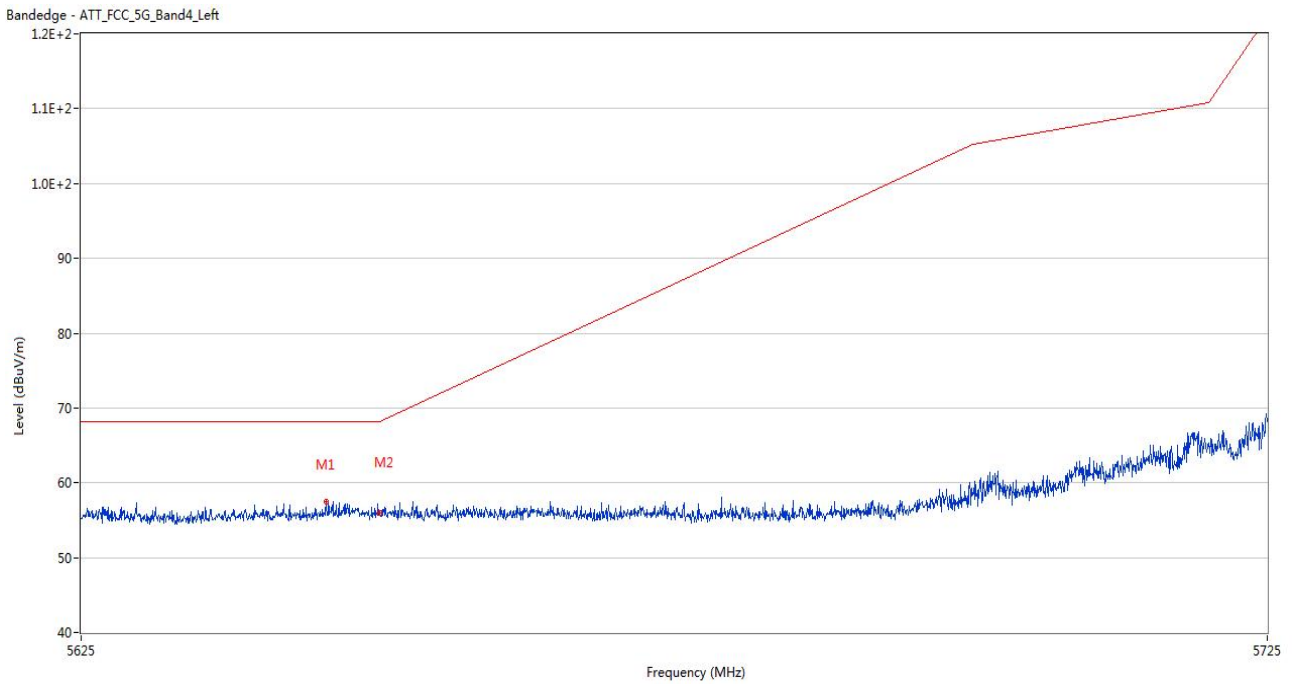
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.700	57.89	2.58	68.2	10.31	Peak	217.00	200	Horizontal	Pass
2	5650.000	55.70	2.54	68.2	12.50	Peak	142.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



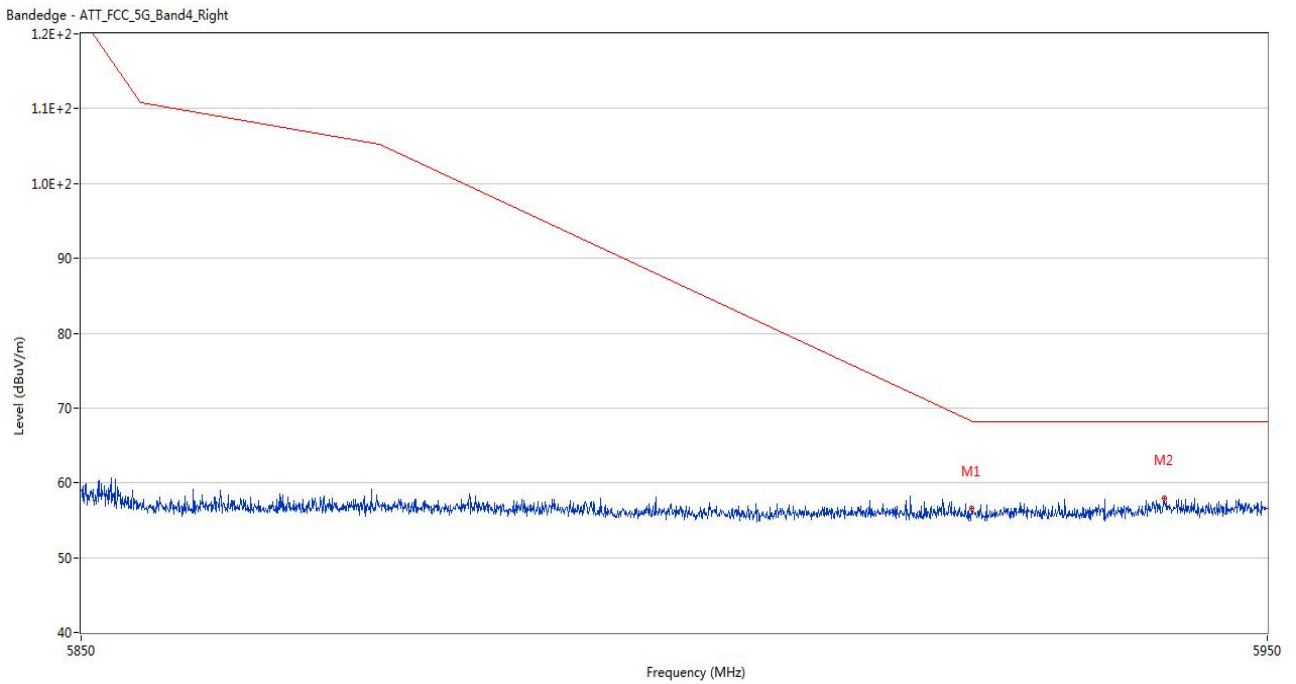
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.36	2.32	68.2	12.84	Peak	0.00	150	Horizontal	Pass
2	5942.350	58.71	2.74	68.2	9.49	Peak	345.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



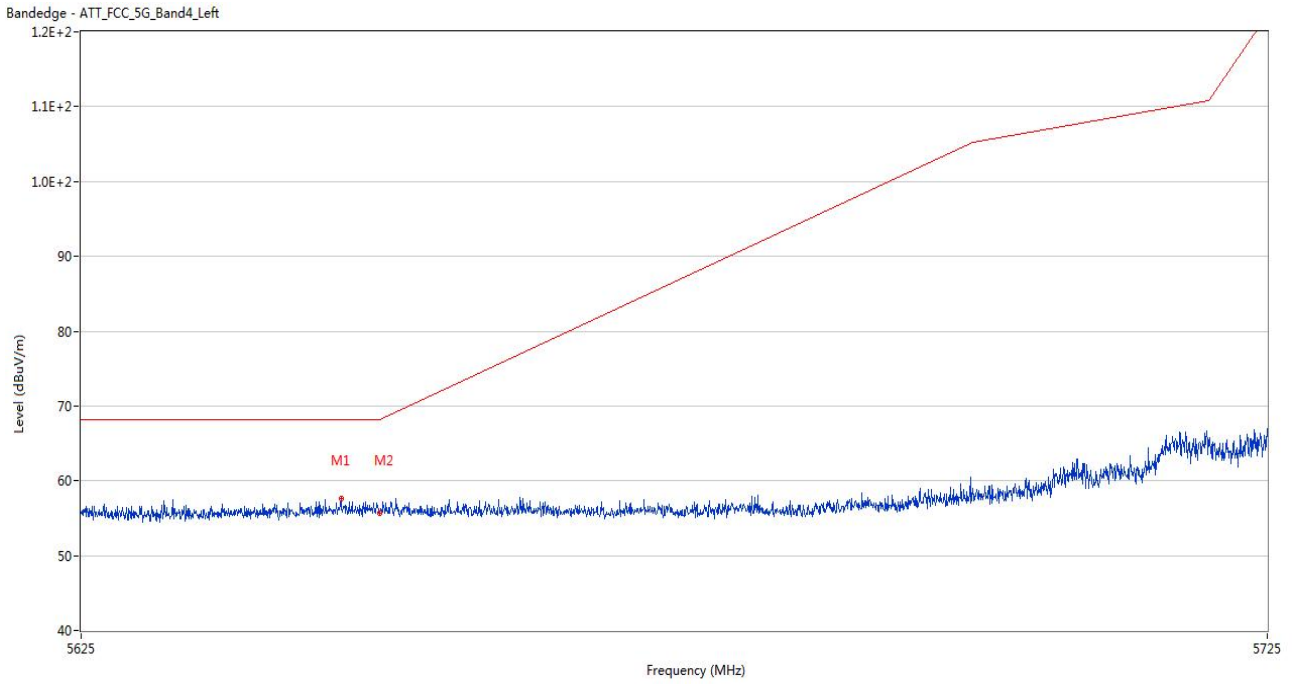
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.500	57.49	2.61	68.2	10.71	Peak	319.00	200	Horizontal	Pass
2	5650.000	55.94	2.54	68.2	12.26	Peak	94.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel



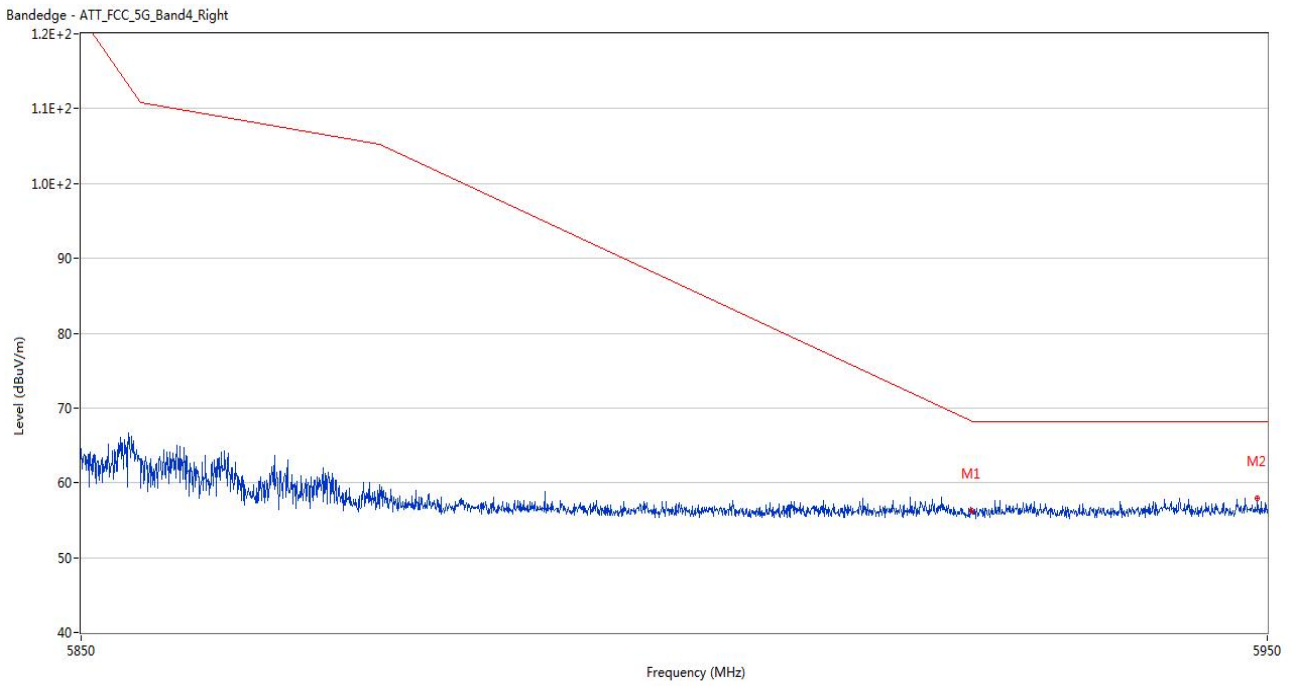
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.57	2.32	68.2	11.63	Peak	263.00	150	Horizontal	Pass
2	5941.250	58.00	2.81	68.2	10.20	Peak	287.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.750	57.68	2.67	68.2	10.52	Peak	351.00	100	Horizontal	Pass
2	5650.000	55.63	2.54	68.2	12.57	Peak	312.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.27	2.32	68.2	11.93	Peak	42.00	100	Horizontal	Pass
2	5949.150	57.92	2.60	68.2	10.28	Peak	14.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2440504-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2440504-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2440504-AI.PDF”.

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