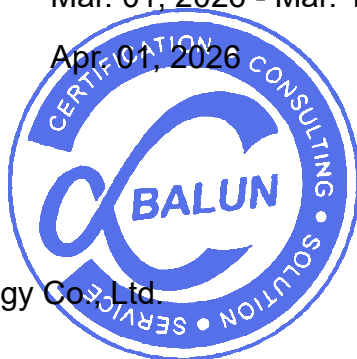


TEST REPORT

Applicant: Shenzhen Zolon Technology Co., Ltd.
Address: 401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, Guangdong P.R. China
Equipment Type: Smart Computer
Model Name: MP12
Brand Name: ZOLON
FCC ID: 2AV5BMP12
ISED Number: 26043-MP12
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 4
(refer to section 3.1)
Sample Arrival Date: Feb. 02, 2026
Test Date: Mar. 01, 2026 - Mar. 18, 2026
Date of Issue: Apr. 01, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yang Wenxuan**Checked by:** Ye Hongji**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Mar. 27, 2026</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Apr. 01, 2026</u>	<u>1. Added the Section 2.6 Additional Instructions.</u> <u>2. Added the note 3, duty cycle channel information and duty cycle plots in ANNEX A.1.</u> <u>3. Updated the ANNEX A.4 Power Spectral Density test data.</u> <u>4. Corrected the test procedure for Power Spectral density</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	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong Province, 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 CAB identifier number is CN0030.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shenzhen Zolon Technology Co., Ltd.
Address	401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, Guangdong P.R. China

2.2 Manufacturer Information

Manufacturer	Shenzhen Zolon Technology Co., Ltd.
Address	401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, Guangdong P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Smart Computer
Model Name Under Test	MP12
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	3650000001
Hardware Version	EM_T8133_V1.0 L20
Software Version	Android16
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac NFC, FM
-----------------------------------	---

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location Indoor for IC standard
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: 43.35 mW U-NII-2A: 45.19 mW U-NII-2C: 46.99 mW U-NII-3: 46.13 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -0.24 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.70dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.41 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.61 dBi
About the Product	The equipment is Smart Computer, intended for used with information technology equipment.

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

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				

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 d)	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

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
------	--

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

Power level setup in software			
Test Software Version	Engineer Mode		
Support Units (Software installation media)	Description	Manufacturer	Model
	Tablet Computer	N/A	N/A

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	36	5180	18.5
11a	44	5220	18.5
11a	48	5240	18.5
11n (HT20)	36	5180	18.5
11n (HT20)	44	5220	18.5
11n (HT20)	48	5240	18.5
11n (HT40)	38	5190	18.0
11n (HT40)	46	5230	18.0
11ac (VHT20)	36	5180	18.5
11ac (VHT20)	44	5220	18.5
11ac (VHT20)	48	5240	18.5
11ac (VHT40)	38	5190	18.0
11ac (VHT40)	46	5230	18.0
11ac (VHT80)	42	5210	18.0

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	52	5260	18.5
11a	60	5300	18.5
11a	64	5320	18.5
11n (HT20)	52	5260	18.5
11n (HT20)	60	5300	18.5
11n (HT20)	64	5320	18.5
11n (HT40)	54	5270	18.0
11n (HT40)	62	5310	17.5
11ac (VHT20)	52	5260	18.5
11ac (VHT20)	60	5300	18.5
11ac (VHT20)	64	5320	18.5
11ac (VHT40)	54	5270	17.5
11ac (VHT40)	62	5310	17.5
11ac (VHT80)	58	5290	17.5

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	100	5500	18.0
11a	116	5580	18.5
11a	140	5700	18.5
11n (HT20)	100	5500	18.5
11n (HT20)	116	5580	18.5
11n (HT20)	140	5700	18.5
11n (HT40)	102	5510	17.5
11n (HT40)	118	5590	17.5
11n (HT40)	134	5670	17.5
11ac (VHT20)	100	5500	18.5
11ac (VHT20)	116	5580	18.5
11ac (VHT20)	140	5700	18.5
11ac (VHT40)	102	5510	17.5
11ac (VHT40)	118	5590	17.5
11ac (VHT40)	134	5670	17.5
11ac (VHT80)	106	5530	17.0
11ac (VHT80)	122	5610	17.5

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	149	5745	18.5
11a	157	5785	18.5
11a	165	5825	18.5
11n (HT20)	149	5745	18.5
11n (HT20)	157	5785	18.5
11n (HT20)	165	5825	16.5
11n (HT40)	151	5755	17.5
11n (HT40)	159	5795	17.5
11ac (VHT20)	149	5745	18.5
11ac (VHT20)	157	5785	18.5
11ac (VHT20)	165	5825	18.5
11ac (VHT40)	151	5755	17.5
11ac (VHT40)	159	5795	17.5
11ac (VHT80)	155	5775	17.5

Run Software



The screenshot shows a software interface for running a transmission test. The interface is divided into several sections:

- Channel Info:**
 - ANT Swap: ☒ Main, ☐ Aux
 - Tx0 channel: 36 [5180MHz]
 - Channel Bandwidth: BW20
 - Data Bandwidth: BW20
 - Primary Ch: 0
- Test Mode:**
 - Mode: continuous packet tx
- Package Info:**
 - Pkt length: 1024
 - Pkt cnt: 0
 - Preamble: OFDM
 - Rate: 6M
 - Guard interval: normal GI
 - FEC: BCC
 - Tx power (dBm): 18.5
- TX Count:** 33
- Buttons:** Go, Stop

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 4	Digital Transmission Systems, Frequency Hopping Systems and LicenceExempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024	American National Standard for Procedures for Compliance Testing of 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, 7.3	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 7.3	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 7.3	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 7.3	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 7.3	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, 7.3	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	46% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.2℃ to 25.7℃
Working Voltage of the EUT	NV (Normal Voltage)	3.85V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2025.05.21	2026.05.20
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	107	2024.05.12	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D00 01F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D00 01S01	N/A	N/A
EMI Receiver	keysight	N9038B	MY61380132	2025.04.01	2026.03.31
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4 m	235	2024.11.05	2027.11.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2025.11.26	2026.11.25
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7. 35m	130	2024.07.13	2027.07.12

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V3.0.1.528	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%

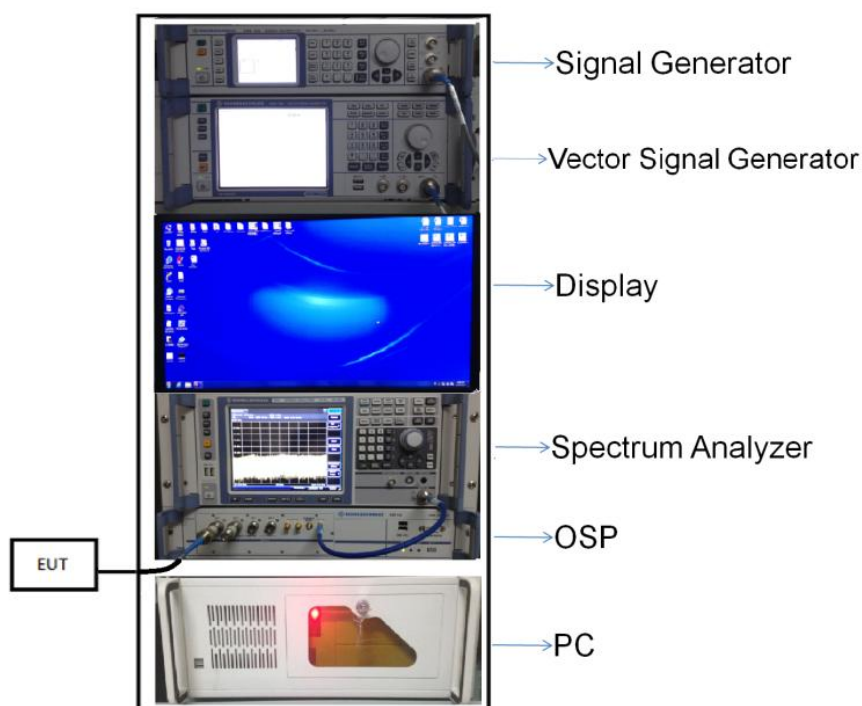
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

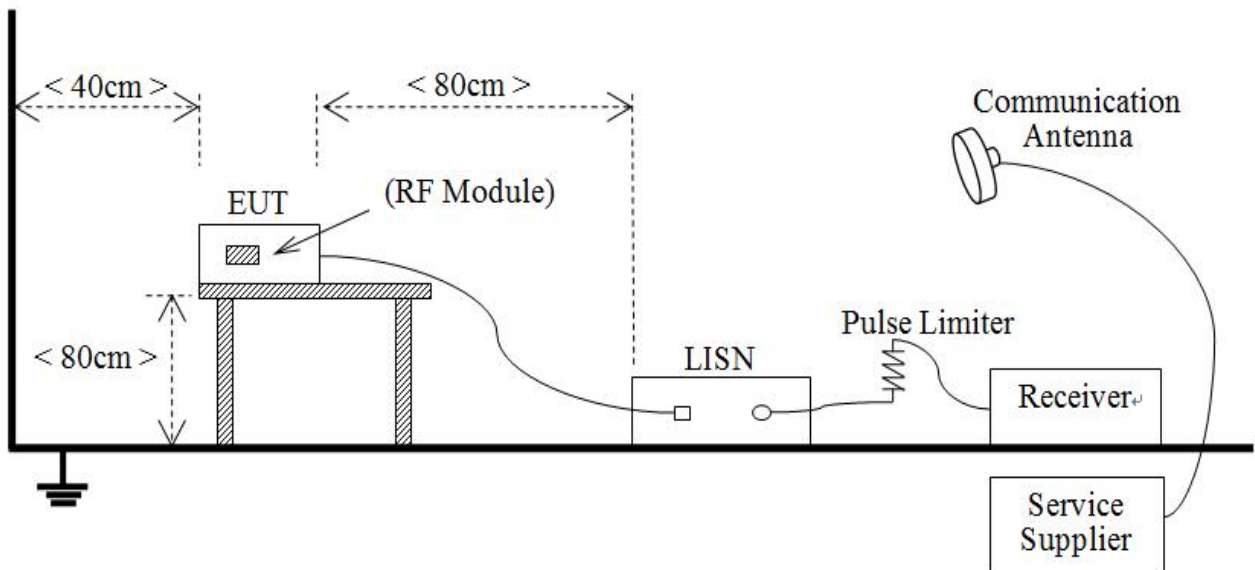
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



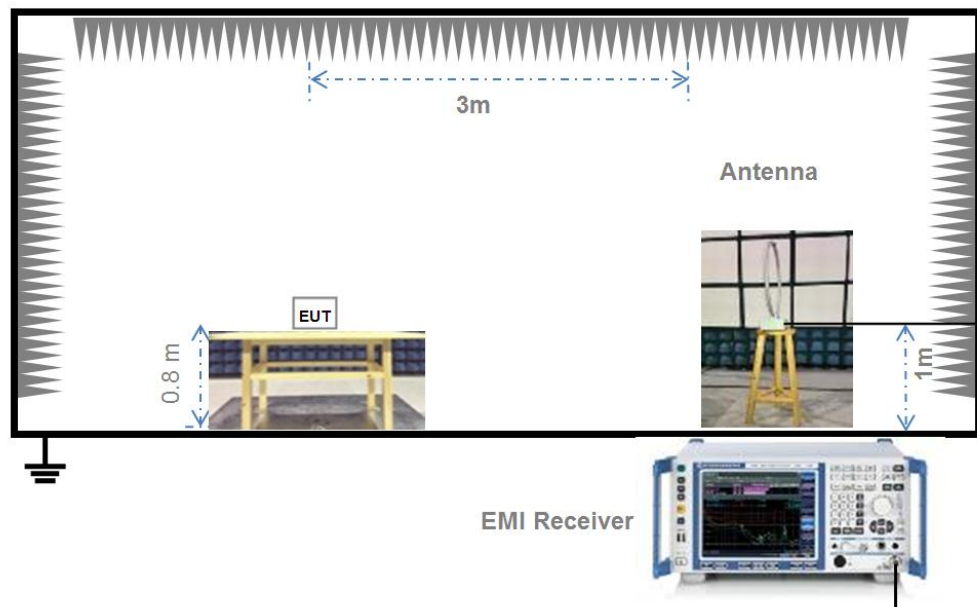
(Diagram 1)

4.5.2 For AC Power Supply Port Test



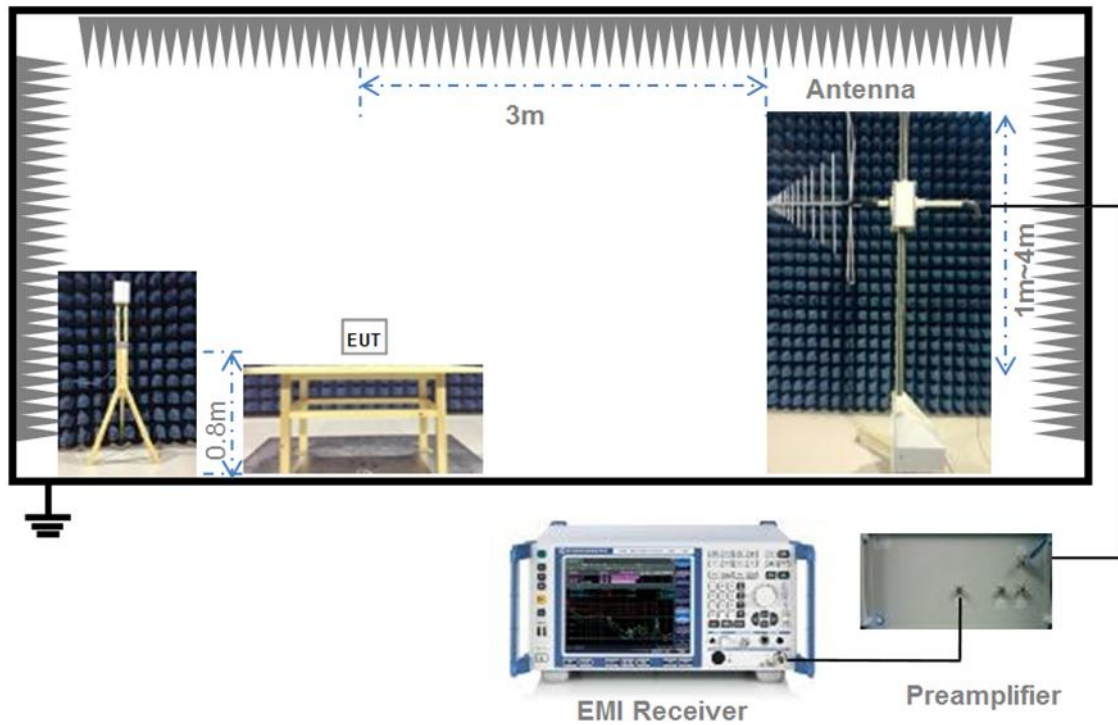
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



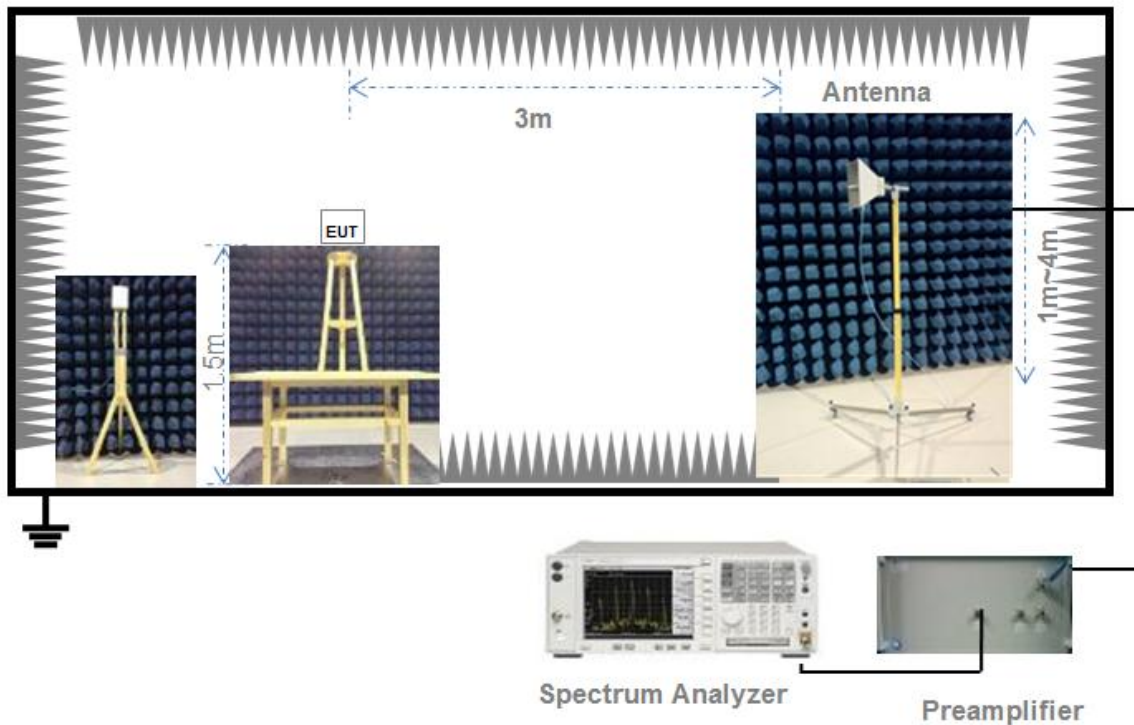
(Diagram 3)

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, 7.3

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 C63.10 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, 7.3

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, 7.3

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

Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

(i) Measure the duty cycle, x , of the transmitter output signal as described in II.B.

(ii) Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.

(iii) Set RBW = 1 MHz.

(iv) Set VBW $\geq$ 3 MHz.

(v) Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)

- (vi) Sweep time = auto.
- (vii) Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
- (viii) Do not use sweep triggering. Allow the sweep to “free run.”
- (ix) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
- (x) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- (xi) Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).

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)

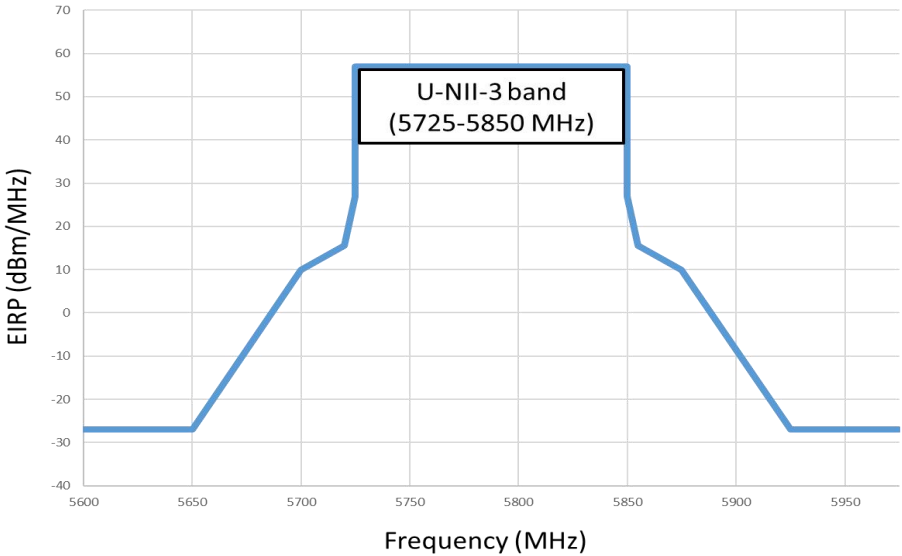
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 7.3

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

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

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

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

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

strength.

5.5.2 Test Setup

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

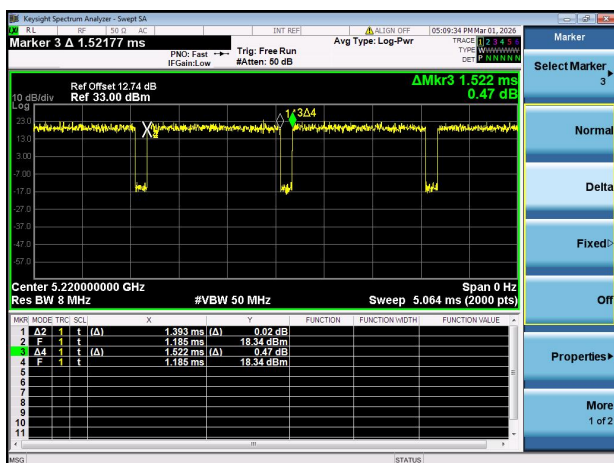
Note ³: The measured values have been adjusted by the duty factor.

Duty Cycle

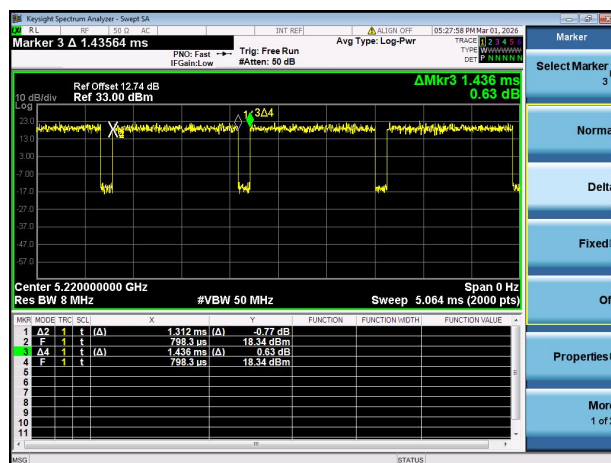
Test Mode	Channel	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	Ch44	1.39	1.52	91.52%	0.38
11n(HT20)/11ac(VHT20)	Ch44	1.31	1.44	91.36%	0.39
11n(HT40)/11ac(VHT40)	Ch38	0.65	0.78	83.87%	0.76
11ac(VHT80)	Ch42	0.32	0.45	72.20%	1.41

Test Plots

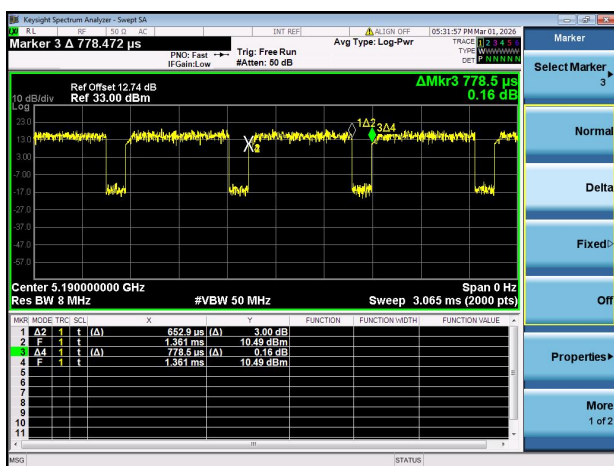
11a



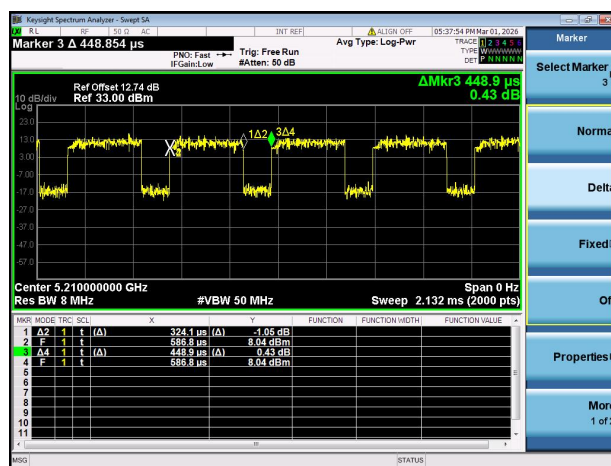
11n(HT20)/11ac(VHT20)



11n(HT40)/11ac(VHT40)



11ac(VHT80)



Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.25	42.17	250	Pass
11a	CH44	16.31	42.76	250	Pass
11a	CH48	16.37	43.35	250	Pass
11n(HT20)	CH36	16.16	41.30	250	Pass
11n(HT20)	CH44	16.22	41.88	250	Pass
11n(HT20)	CH48	16.24	42.07	250	Pass
11n(HT40)	CH38	15.76	37.67	250	Pass
11n(HT40)	CH46	15.76	37.67	250	Pass
11ac(VHT20)	CH36	16.15	41.21	250	Pass
11ac(VHT20)	CH44	16.24	42.07	250	Pass
11ac(VHT20)	CH48	16.27	42.36	250	Pass
11ac(VHT40)	CH38	15.77	37.76	250	Pass
11ac(VHT40)	CH46	15.77	37.76	250	Pass
11ac(VHT80)	CH42	15.70	37.15	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	16.35	43.15	213	208	Pass
11a	CH60	16.28	42.46	213	209	Pass
11a	CH64	16.40	43.65	213	208	Pass
11n(HT20)	CH52	16.26	42.27	226	223	Pass
11n(HT20)	CH60	16.16	41.30	226	222	Pass
11n(HT20)	CH64	16.27	42.36	226	223	Pass
11n(HT40)	CH54	15.84	38.37	250	250	Pass
11n(HT40)	CH62	15.65	36.73	250	250	Pass
11ac(VHT20)	CH52	16.37	43.35	225	223	Pass
11ac(VHT20)	CH60	16.50	44.67	226	222	Pass
11ac(VHT20)	CH64	16.55	45.19	226	222	Pass
11ac(VHT40)	CH54	15.55	35.89	250	250	Pass
11ac(VHT40)	CH62	15.63	36.56	250	250	Pass
11ac(VHT80)	CH58	15.54	35.81	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	16.41	43.75	213	209	Pass
11a	CH116	16.59	45.60	214	209	Pass
11a	CH140	16.43	43.95	214	209	Pass
11n(HT20)	CH100	16.72	46.99	227	223	Pass
11n(HT20)	CH116	16.47	44.36	227	223	Pass
11n(HT20)	CH140	16.18	41.50	226	223	Pass
11n(HT40)	CH102	15.75	37.58	250	250	Pass
11n(HT40)	CH118	15.46	35.16	250	250	Pass
11n(HT40)	CH134	15.34	34.20	250	250	Pass
11ac(VHT20)	CH100	16.66	46.34	226	223	Pass
11ac(VHT20)	CH116	16.46	44.26	226	222	Pass
11ac(VHT20)	CH140	16.30	42.66	226	223	Pass
11ac(VHT40)	CH102	15.77	37.76	250	250	Pass
11ac(VHT40)	CH118	15.47	35.24	250	250	Pass
11ac(VHT40)	CH134	15.43	34.91	250	250	Pass
11ac(VHT80)	CH106	15.16	32.81	250	250	Pass
11ac(VHT80)	CH122	15.34	34.20	250	250	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH149	16.45	44.16	1000	1000	Pass
11a	CH157	16.42	43.85	1000	1000	Pass
11a	CH165	16.64	46.13	1000	1000	Pass
11n(HT20)	CH149	16.33	42.95	1000	1000	Pass
11n(HT20)	CH157	16.35	43.15	1000	1000	Pass
11n(HT20)	CH165	16.50	44.67	1000	1000	Pass
11n(HT40)	CH151	15.41	34.75	1000	1000	Pass
11n(HT40)	CH159	15.47	35.24	1000	1000	Pass
11ac(VHT20)	CH149	16.29	42.56	1000	1000	Pass
11ac(VHT20)	CH157	16.30	42.66	1000	1000	Pass
11ac(VHT20)	CH165	16.57	45.39	1000	1000	Pass
11ac(VHT40)	CH151	15.46	35.16	1000	1000	Pass
11ac(VHT40)	CH159	15.52	35.65	1000	1000	Pass
11ac(VHT80)	CH155	15.36	34.36	1000	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	16.01	39.90	166	Pass
11a	CH44	16.07	40.46	166	Pass
11a	CH48	16.13	41.02	165	Pass
11n(HT20)	CH36	15.92	39.08	177	Pass
11n(HT20)	CH44	15.98	39.63	177	Pass
11n(HT20)	CH48	16.00	39.81	177	Pass
11n(HT40)	CH38	15.52	35.65	200	Pass
11n(HT40)	CH46	15.52	35.65	200	Pass
11ac(VHT20)	CH36	15.91	38.99	176	Pass
11ac(VHT20)	CH44	16.00	39.81	177	Pass
11ac(VHT20)	CH48	16.03	40.09	177	Pass
11ac(VHT40)	CH38	15.53	35.73	200	Pass
11ac(VHT40)	CH46	15.53	35.73	200	Pass
11ac(VHT80)	CH42	15.46	35.16	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	17.05	50.70	830	Pass
11a	CH60	16.98	49.89	830	Pass
11a	CH64	17.10	51.29	830	Pass
11n(HT20)	CH52	16.96	49.66	886	Pass
11n(HT20)	CH60	16.86	48.53	886	Pass
11n(HT20)	CH64	16.97	49.77	886	Pass
11n(HT40)	CH54	16.54	45.08	1000	Pass
11n(HT40)	CH62	16.35	43.15	1000	Pass
11ac(VHT20)	CH52	17.07	50.93	886	Pass
11ac(VHT20)	CH60	17.20	52.48	885	Pass
11ac(VHT20)	CH64	17.25	53.09	884	Pass
11ac(VHT40)	CH54	16.25	42.17	1000	Pass
11ac(VHT40)	CH62	16.33	42.95	1000	Pass
11ac(VHT80)	CH58	16.24	42.07	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	16.82	48.08	831	Pass
11a	CH116	17.00	50.12	830	Pass
11a	CH140	16.84	48.31	833	Pass
11n(HT20)	CH100	17.13	51.64	887	Pass
11n(HT20)	CH116	16.88	48.75	887	Pass
11n(HT20)	CH140	16.59	45.60	887	Pass
11n(HT40)	CH102	16.16	41.30	1000	Pass
11n(HT40)	CH118	15.87	38.64	1000	Pass
11n(HT40)	CH134	15.75	37.58	1000	Pass
11ac(VHT20)	CH100	17.07	50.93	886	Pass
11ac(VHT20)	CH116	16.87	48.64	886	Pass
11ac(VHT20)	CH140	16.71	46.88	886	Pass
11ac(VHT40)	CH102	16.18	41.50	1000	Pass
11ac(VHT40)	CH118	15.88	38.73	1000	Pass
11ac(VHT40)	CH134	15.84	38.37	1000	Pass
11ac(VHT80)	CH106	15.57	36.06	1000	Pass
11ac(VHT80)	CH122	15.75	37.58	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	17.06	50.82	Pass
11a	CH157	17.03	50.47	Pass
11a	CH165	17.25	53.09	Pass
11n(HT20)	CH149	16.94	49.43	Pass
11n(HT20)	CH157	16.96	49.66	Pass
11n(HT20)	CH165	17.11	51.40	Pass
11n(HT40)	CH151	16.02	39.99	Pass
11n(HT40)	CH159	16.08	40.55	Pass
11ac(VHT20)	CH149	16.90	48.98	Pass
11ac(VHT20)	CH157	16.91	49.09	Pass
11ac(VHT20)	CH165	17.18	52.24	Pass
11ac(VHT40)	CH151	16.07	40.46	Pass
11ac(VHT40)	CH159	16.13	41.02	Pass
11ac(VHT80)	CH155	15.97	39.54	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: Ti-EE26020131-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.96	16.59
11a	CH44	16.96	16.57
11a	CH48	16.94	16.54
11n(HT20)	CH36	17.96	17.70
11n(HT20)	CH44	18.00	17.68
11n(HT20)	CH48	17.98	17.67
11n(HT40)	CH38	36.68	36.23
11n(HT40)	CH46	36.63	36.23
11ac(VHT20)	CH36	17.90	17.64
11ac(VHT20)	CH44	17.92	17.66
11ac(VHT20)	CH48	17.90	17.65
11ac(VHT40)	CH38	36.47	36.09
11ac(VHT40)	CH46	36.46	36.09
11ac(VHT80)	CH42	75.63	75.53

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	16.92	16.55
11a	CH60	16.92	16.57
11a	CH64	16.91	16.55
11n(HT20)	CH52	17.93	17.68
11n(HT20)	CH60	17.97	17.67
11n(HT20)	CH64	17.96	17.68
11n(HT40)	CH54	36.65	36.21
11n(HT40)	CH62	36.63	36.20
11ac(VHT20)	CH52	17.88	17.68
11ac(VHT20)	CH60	17.96	17.65
11ac(VHT20)	CH64	17.95	17.63
11ac(VHT40)	CH54	36.42	36.07
11ac(VHT40)	CH62	36.42	36.07
11ac(VHT80)	CH58	75.54	75.44

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	16.91	16.57
11a	CH116	17.00	16.57
11a	CH140	17.00	16.62
11n(HT20)	CH100	18.01	17.70
11n(HT20)	CH116	18.03	17.70
11n(HT20)	CH140	17.99	17.71
11n(HT40)	CH102	36.62	36.21
11n(HT40)	CH118	36.66	36.22
11n(HT40)	CH134	36.73	36.24
11ac(VHT20)	CH100	17.96	17.68
11ac(VHT20)	CH116	17.95	17.67
11ac(VHT20)	CH140	17.98	17.68
11ac(VHT40)	CH102	36.44	36.07
11ac(VHT40)	CH118	36.49	36.07
11ac(VHT40)	CH134	36.48	36.09
11ac(VHT80)	CH106	75.53	75.47
11ac(VHT80)	CH122	75.73	75.49

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	17.04	16.59
11a	CH157	17.00	16.62
11a	CH165	16.99	16.59
11n(HT20)	CH149	18.02	17.68
11n(HT20)	CH157	18.02	17.73
11n(HT20)	CH165	18.04	17.70
11n(HT40)	CH151	36.65	36.22
11n(HT40)	CH159	36.66	36.25
11ac(VHT20)	CH149	18.00	17.68
11ac(VHT20)	CH157	17.98	17.68
11ac(VHT20)	CH165	18.01	17.70
11ac(VHT40)	CH151	36.46	36.07
11ac(VHT40)	CH159	36.42	36.08
11ac(VHT80)	CH155	75.74	75.58

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: Ti-EE26020131-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	16.50	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.40	500.00	Pass
11n(HT40)	CH151	32.80	500.00	Pass
11n(HT40)	CH159	35.20	500.00	Pass
11ac(VHT20)	CH149	15.30	500.00	Pass
11ac(VHT20)	CH157	15.20	500.00	Pass
11ac(VHT20)	CH165	15.30	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.30	500.00	Pass
11ac(VHT80)	CH155	75.40	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: Ti-EE26020131-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Measured (dBm/MHz)	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	5.51	5.89	11.00	Pass
11a	CH44	5.60	5.98	11.00	Pass
11a	CH48	5.74	6.12	11.00	Pass
11n(HT20)	CH36	5.12	5.51	11.00	Pass
11n(HT20)	CH44	5.38	5.77	11.00	Pass
11n(HT20)	CH48	5.46	5.85	11.00	Pass
11n(HT40)	CH38	1.41	2.17	11.00	Pass
11n(HT40)	CH46	1.60	2.36	11.00	Pass
11ac(VHT20)	CH36	5.14	5.53	11.00	Pass
11ac(VHT20)	CH44	5.28	5.67	11.00	Pass
11ac(VHT20)	CH48	5.36	5.75	11.00	Pass
11ac(VHT40)	CH38	1.64	2.40	11.00	Pass
11ac(VHT40)	CH46	1.62	2.38	11.00	Pass
11ac(VHT80)	CH42	-2.27	-0.86	11.00	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Measured (dBm/MHz)	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	5.77	6.15	11.00	11.00	Pass
11a	CH60	5.75	6.13	11.00	11.00	Pass
11a	CH64	5.74	6.12	11.00	11.00	Pass
11n(HT20)	CH52	5.29	5.68	11.00	11.00	Pass
11n(HT20)	CH60	5.32	5.71	11.00	11.00	Pass
11n(HT20)	CH64	5.45	5.84	11.00	11.00	Pass
11n(HT40)	CH54	1.79	2.55	11.00	11.00	Pass
11n(HT40)	CH62	1.41	2.17	11.00	11.00	Pass
11ac(VHT20)	CH52	5.54	5.93	11.00	11.00	Pass
11ac(VHT20)	CH60	5.65	6.04	11.00	11.00	Pass
11ac(VHT20)	CH64	5.67	6.06	11.00	11.00	Pass
11ac(VHT40)	CH54	1.54	2.30	11.00	11.00	Pass
11ac(VHT40)	CH62	1.48	2.24	11.00	11.00	Pass
11ac(VHT80)	CH58	-2.37	-0.96	11.00	11.00	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Measured (dBm/MHz)	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	5.48	5.86	11.00	11.00	Pass
11a	CH116	5.72	6.10	11.00	11.00	Pass
11a	CH140	5.80	6.18	11.00	11.00	Pass
11n(HT20)	CH100	5.75	6.14	11.00	11.00	Pass
11n(HT20)	CH116	5.44	5.83	11.00	11.00	Pass
11n(HT20)	CH140	5.33	5.72	11.00	11.00	Pass
11n(HT40)	CH102	1.42	2.18	11.00	11.00	Pass
11n(HT40)	CH118	1.19	1.95	11.00	11.00	Pass
11n(HT40)	CH134	1.20	1.96	11.00	11.00	Pass
11ac(VHT20)	CH100	5.71	6.10	11.00	11.00	Pass
11ac(VHT20)	CH116	5.47	5.86	11.00	11.00	Pass
11ac(VHT20)	CH140	5.40	5.79	11.00	11.00	Pass
11ac(VHT40)	CH102	1.40	2.16	11.00	11.00	Pass
11ac(VHT40)	CH118	1.19	1.95	11.00	11.00	Pass
11ac(VHT40)	CH134	1.27	2.03	11.00	11.00	Pass
11ac(VHT80)	CH106	-2.88	-1.47	11.00	11.00	Pass
11ac(VHT80)	CH122	-2.57	-1.16	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Measured (dBm/MHz)	PSD (dBm/MHz)	FCC Limit (dBm/500kHz)	IC Limit (dBm/500kHz)	Verdict
11a	CH149	2.98	3.36	30.00	30.00	Pass
11a	CH157	3.14	3.52	30.00	30.00	Pass
11a	CH165	3.29	3.67	30.00	30.00	Pass
11n(HT20)	CH149	2.76	3.15	30.00	30.00	Pass
11n(HT20)	CH157	2.65	3.04	30.00	30.00	Pass
11n(HT20)	CH165	2.83	3.22	30.00	30.00	Pass
11n(HT40)	CH151	-1.53	-0.77	30.00	30.00	Pass
11n(HT40)	CH159	-1.40	-0.64	30.00	30.00	Pass
11ac(VHT20)	CH149	2.75	3.14	30.00	30.00	Pass
11ac(VHT20)	CH157	2.72	3.11	30.00	30.00	Pass
11ac(VHT20)	CH165	3.03	3.42	30.00	30.00	Pass
11ac(VHT40)	CH151	-1.42	-0.66	30.00	30.00	Pass
11ac(VHT40)	CH159	-1.40	-0.64	30.00	30.00	Pass
11ac(VHT80)	CH155	-5.45	-4.04	30.00	30.00	Pass

E.I.R.P PSD

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	5.65	10.00	Pass
11a	CH44	5.74	10.00	Pass
11a	CH48	5.88	10.00	Pass
11n(HT20)	CH36	5.27	10.00	Pass
11n(HT20)	CH44	5.53	10.00	Pass
11n(HT20)	CH48	5.61	10.00	Pass
11n(HT40)	CH38	1.93	10.00	Pass
11n(HT40)	CH46	2.12	10.00	Pass
11ac(VHT20)	CH36	5.29	10.00	Pass
11ac(VHT20)	CH44	5.43	10.00	Pass
11ac(VHT20)	CH48	5.51	10.00	Pass
11ac(VHT40)	CH38	2.16	10.00	Pass
11ac(VHT40)	CH46	2.14	10.00	Pass
11ac(VHT80)	CH42	-1.10	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	6.85	Pass
11a	CH60	6.83	Pass
11a	CH64	6.82	Pass
11n(HT20)	CH52	6.38	Pass
11n(HT20)	CH60	6.41	Pass
11n(HT20)	CH64	6.54	Pass
11n(HT40)	CH54	3.25	Pass
11n(HT40)	CH62	2.87	Pass
11ac(VHT20)	CH52	6.63	Pass
11ac(VHT20)	CH60	6.74	Pass
11ac(VHT20)	CH64	6.76	Pass
11ac(VHT40)	CH54	3.00	Pass
11ac(VHT40)	CH62	2.94	Pass
11ac(VHT80)	CH58	-0.26	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	6.27	Pass
11a	CH116	6.51	Pass
11a	CH140	6.59	Pass
11n(HT20)	CH100	6.55	Pass
11n(HT20)	CH116	6.24	Pass
11n(HT20)	CH140	6.13	Pass
11n(HT40)	CH102	2.59	Pass
11n(HT40)	CH118	2.36	Pass
11n(HT40)	CH134	2.37	Pass
11ac(VHT20)	CH100	6.51	Pass
11ac(VHT20)	CH116	6.27	Pass
11ac(VHT20)	CH140	6.20	Pass
11ac(VHT40)	CH102	2.57	Pass
11ac(VHT40)	CH118	2.36	Pass
11ac(VHT40)	CH134	2.44	Pass
11ac(VHT80)	CH106	-1.06	Pass
11ac(VHT80)	CH122	-0.75	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	3.97	Pass
11a	CH157	4.13	Pass
11a	CH165	4.28	Pass
11n(HT20)	CH149	3.76	Pass
11n(HT20)	CH157	3.65	Pass
11n(HT20)	CH165	3.83	Pass
11n(HT40)	CH151	-0.16	Pass
11n(HT40)	CH159	-0.03	Pass
11ac(VHT20)	CH149	3.75	Pass
11ac(VHT20)	CH157	3.72	Pass
11ac(VHT20)	CH165	4.03	Pass
11ac(VHT40)	CH151	-0.05	Pass
11ac(VHT40)	CH159	-0.03	Pass
11ac(VHT80)	CH155	-3.43	Pass

A.5 Conducted Emissions

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

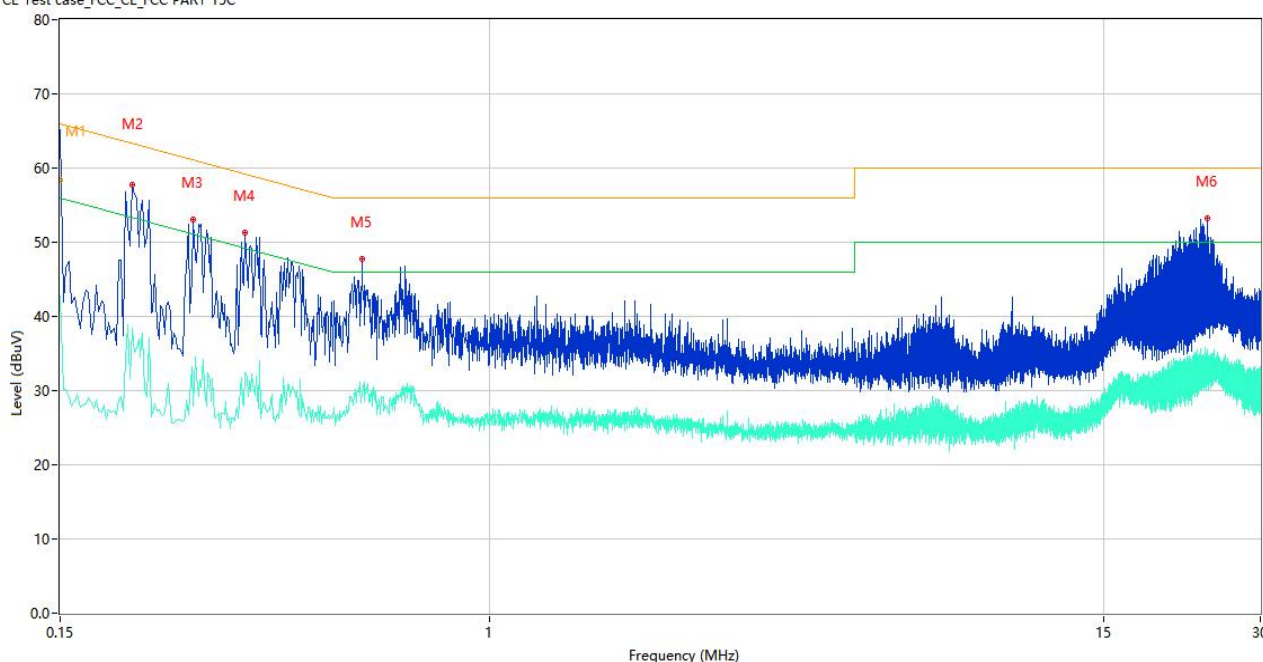
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

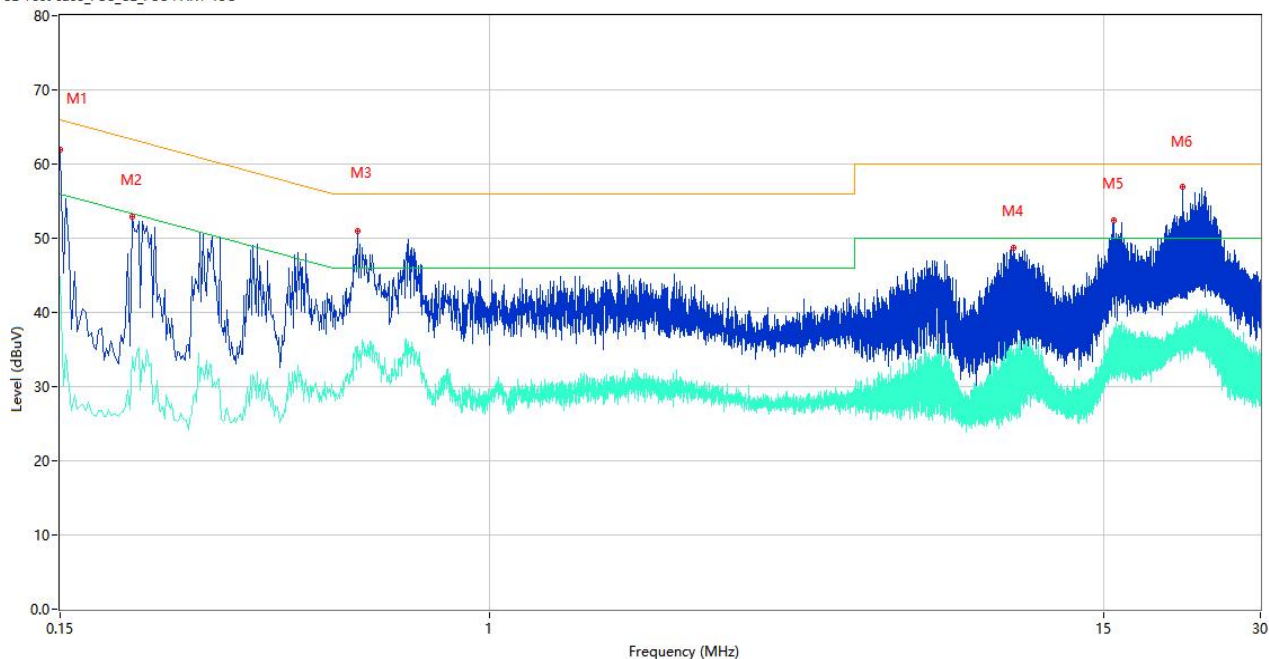
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	64.56	9.86	66.00	1.44	Peak	L	N/A
1*	0.150	58.37	9.86	66.00	7.63	QP	L	Pass
1**	0.150	42.74	9.86	56.00	13.26	AV	L	Pass
2	0.206	57.77	9.84	63.37	5.60	Peak	L	Pass
2**	0.206	38.41	9.84	53.37	14.96	AV	L	Pass
3	0.270	53.02	9.82	61.12	8.10	Peak	L	Pass
3**	0.270	27.90	9.82	51.12	23.22	AV	L	Pass
4	0.340	51.36	10.62	59.20	7.84	Peak	L	Pass
4**	0.340	32.45	10.62	49.20	16.75	AV	L	Pass
5	0.568	47.77	10.14	56.00	8.23	Peak	L	Pass
5**	0.568	29.70	10.14	46.00	16.30	AV	L	Pass
6	23.716	53.17	11.27	60.00	6.83	Peak	L	Pass
6**	23.716	33.02	11.27	50.00	16.98	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	61.99	9.86	66.00	4.01	Peak	N	Pass
1**	0.150	44.86	9.86	56.00	11.14	AV	N	Pass
2	0.206	52.90	9.84	63.37	10.47	Peak	N	Pass
2**	0.206	33.96	9.84	53.37	19.41	AV	N	Pass
3	0.558	50.97	10.11	56.00	5.03	Peak	N	Pass
3**	0.558	35.47	10.11	46.00	10.53	AV	N	Pass
4	10.116	48.73	10.36	60.00	11.27	Peak	N	Pass
4**	10.116	33.71	10.36	50.00	16.29	AV	N	Pass
5	15.728	52.42	10.74	60.00	7.58	Peak	N	Pass
5**	15.728	37.88	10.74	50.00	12.12	AV	N	Pass
6	21.320	56.94	11.33	60.00	3.06	Peak	N	Pass
6**	21.320	37.88	11.33	50.00	12.12	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 C63.10, 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.

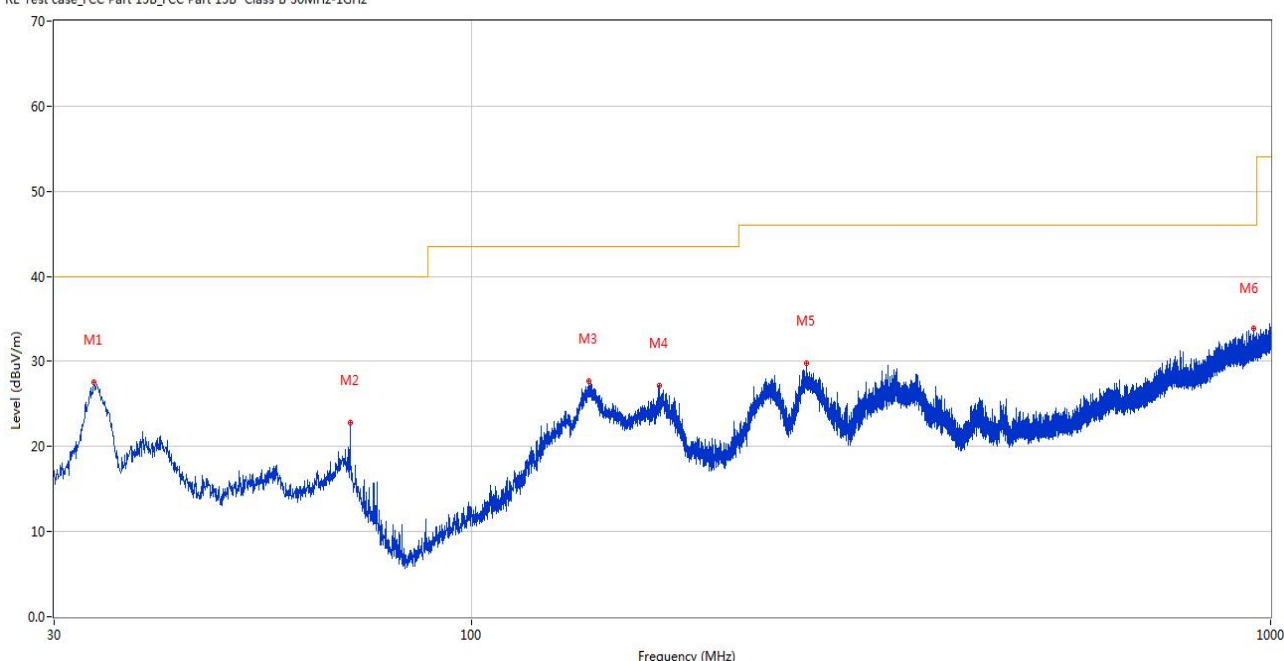
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

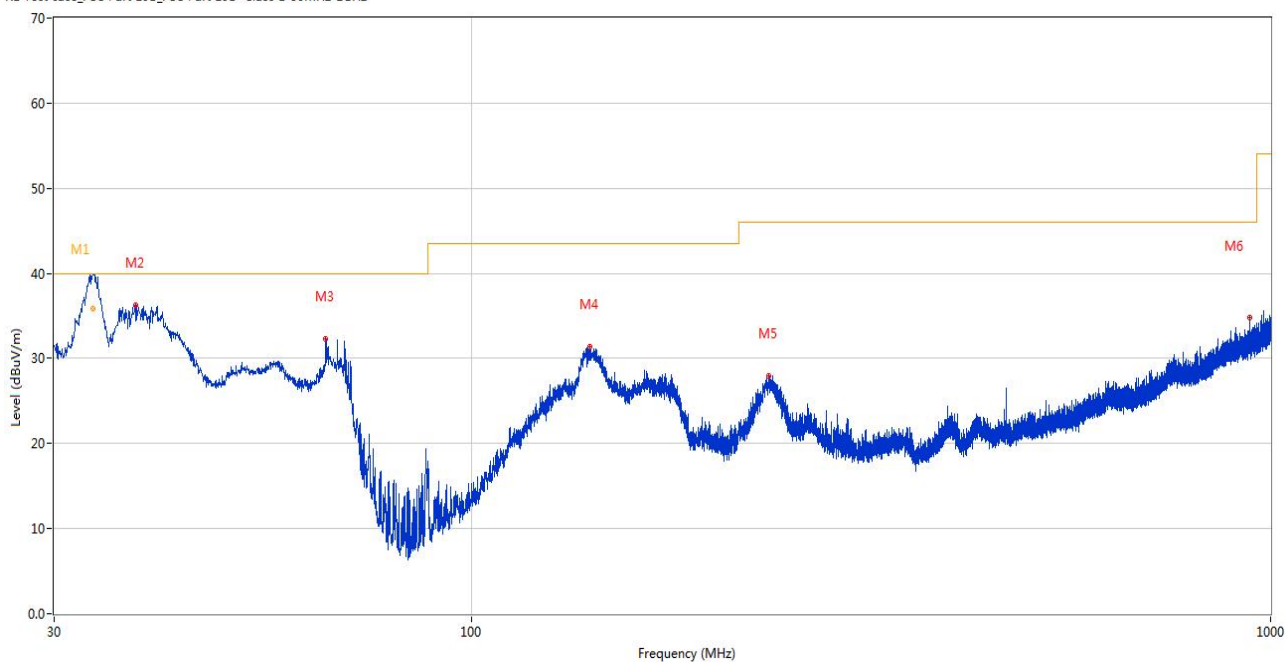
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.638	27.61	-28.48	40.0	12.39	Peak	303.90	200	Horizontal	Pass
2	70.400	22.85	-28.49	40.0	17.15	Peak	52.70	200	Horizontal	Pass
3	140.143	27.64	-28.65	43.5	15.86	Peak	121.00	200	Horizontal	Pass
4	171.523	27.16	-26.91	43.5	16.34	Peak	121.00	100	Horizontal	Pass
5	262.703	29.78	-22.46	46.0	16.22	Peak	135.80	100	Horizontal	Pass
6	952.615	33.94	-5.15	46.0	12.06	Peak	111.30	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.544	40.04	-28.50	40.0	-0.04	Peak	202.80	106	Vertical	N/A
1*	33.544	35.82	-28.50	40.0	4.18	QP	202.80	106	Vertical	Pass
2	37.906	36.21	-26.59	40.0	3.79	Peak	211.80	100	Vertical	Pass
3	65.647	32.34	-26.72	40.0	7.66	Peak	217.60	100	Vertical	Pass
4	140.580	31.34	-28.64	43.5	12.16	Peak	73.30	100	Vertical	Pass
5	235.204	27.97	-23.37	46.0	18.03	Peak	171.90	100	Vertical	Pass
6	942.770	34.80	-5.38	46.0	11.20	Peak	147.40	100	Vertical	Pass

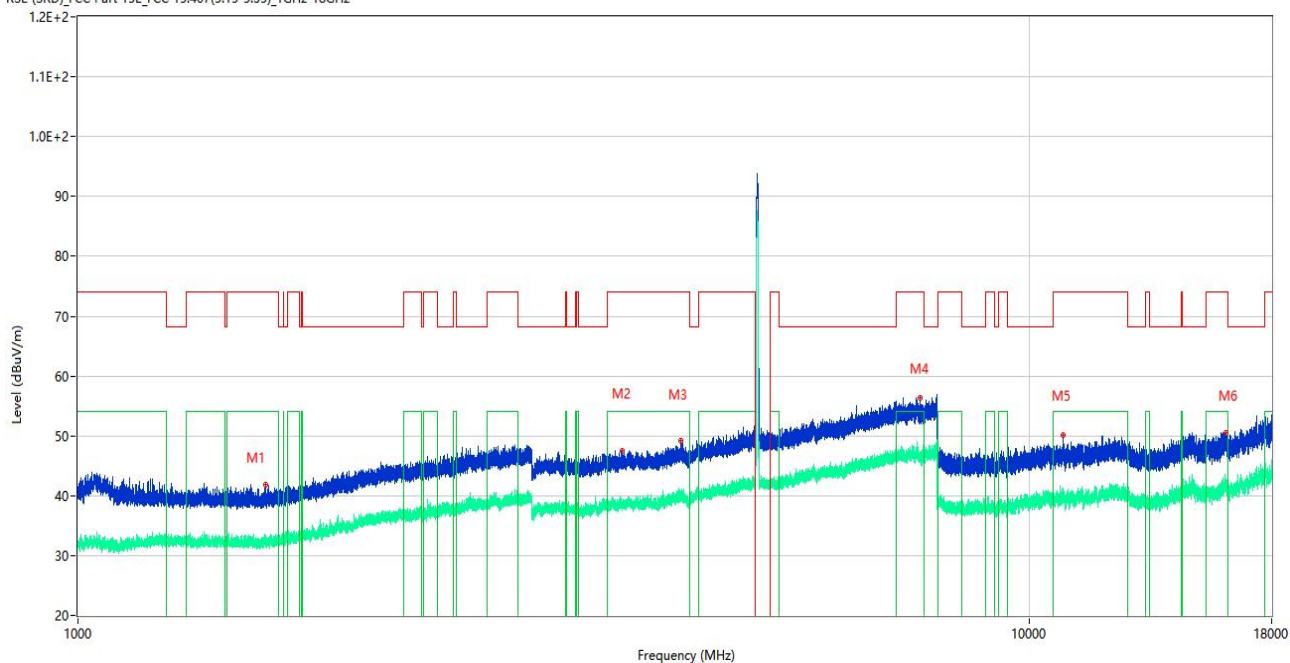
Note: The spurious above 18G is noise only, do not show on the report.

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.697	38.42	74.0	35.58	Peak	125.00	400	Horizontal	Pass
1**	1624.697	29.77	54.0	24.23	AV	125.00	400	Horizontal	Pass
2	3650.438	47.12	74.0	26.88	Peak	64.00	400	Horizontal	Pass
2**	3650.438	37.01	54.0	16.99	AV	64.00	400	Horizontal	Pass
3	4828.794	49.74	74.0	24.26	Peak	264.00	200	Horizontal	Pass
3**	4828.794	40.68	54.0	13.32	AV	264.00	200	Horizontal	Pass
4	7599.321	53.12	74.0	20.89	Peak	171.00	300	Horizontal	Pass
4**	7599.321	44.56	54.0	9.44	AV	171.00	300	Horizontal	Pass
5	12471.331	53.20	74.0	20.81	Peak	139.00	400	Horizontal	Pass
5**	12471.331	45.12	54.0	8.88	AV	139.00	400	Horizontal	Pass
6	16119.262	54.58	74.0	19.43	Peak	211.00	100	Horizontal	Pass
6**	16119.262	45.14	54.0	8.86	AV	211.00	100	Horizontal	Pass

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.229	42.00	74.0	32.00	Peak	269.00	100	Vertical	Pass
1**	1577.229	32.12	54.0	21.88	AV	269.00	100	Vertical	Pass
2	3736.070	47.58	74.0	26.42	Peak	232.00	400	Vertical	Pass
2**	3736.070	38.36	54.0	15.64	AV	232.00	400	Vertical	Pass
3	4306.982	49.15	74.0	24.85	Peak	292.00	200	Vertical	Pass
3**	4306.982	40.60	54.0	13.40	AV	292.00	200	Vertical	Pass
4	7687.168	56.62	74.0	17.38	Peak	61.00	400	Vertical	Pass
4**	7687.168	46.51	54.0	7.49	AV	61.00	400	Vertical	Pass
5	10859.428	50.29	74.0	23.72	Peak	265.00	300	Vertical	Pass
5**	10859.428	39.35	54.0	14.66	AV	265.00	300	Vertical	Pass
6	16134.859	50.61	74.0	23.39	Peak	251.00	400	Vertical	Pass
6**	16134.859	41.49	54.0	12.51	AV	251.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1628.507	38.20	74.0	35.80	Peak	170.00	200	Horizontal	Pass
1**	1628.507	29.58	54.0	24.42	AV	170.00	200	Horizontal	Pass
2	3655.398	46.90	74.0	27.10	Peak	159.00	100	Horizontal	Pass
2**	3655.398	36.90	54.0	17.11	AV	159.00	100	Horizontal	Pass
3	4828.117	49.51	74.0	24.49	Peak	116.00	200	Horizontal	Pass
3**	4828.117	40.49	54.0	13.51	AV	116.00	200	Horizontal	Pass
4	7603.487	53.03	74.0	20.97	Peak	263.00	100	Horizontal	Pass
4**	7603.487	44.31	54.0	9.69	AV	263.00	100	Horizontal	Pass
5	12469.223	53.16	74.0	20.84	Peak	76.00	300	Horizontal	Pass
5**	12469.223	44.86	54.0	9.14	AV	76.00	300	Horizontal	Pass
6	16124.514	54.56	74.0	19.45	Peak	36.00	100	Horizontal	Pass
6**	16124.514	44.98	54.0	9.03	AV	36.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.068	41.83	74.0	32.17	Peak	176.00	400	Vertical	Pass
1**	1575.068	32.05	54.0	21.96	AV	176.00	400	Vertical	Pass
2	3735.250	47.55	74.0	26.46	Peak	352.00	200	Vertical	Pass
2**	3735.250	38.09	54.0	15.92	AV	352.00	200	Vertical	Pass
3	4306.403	49.05	74.0	24.95	Peak	113.00	200	Vertical	Pass
3**	4306.403	40.43	54.0	13.57	AV	113.00	200	Vertical	Pass
4	7685.253	56.58	74.0	17.42	Peak	19.00	300	Vertical	Pass
4**	7685.253	46.38	54.0	7.62	AV	19.00	300	Vertical	Pass
5	10858.588	50.20	74.0	23.80	Peak	276.00	400	Vertical	Pass
5**	10858.588	39.24	54.0	14.76	AV	276.00	400	Vertical	Pass
6	16128.555	50.52	74.0	23.48	Peak	68.00	400	Vertical	Pass
6**	16128.555	41.33	54.0	12.67	AV	68.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1630.168	38.09	74.0	35.91	Peak	6.00	400	Horizontal	Pass
1**	1630.168	29.30	54.0	24.70	AV	6.00	400	Horizontal	Pass
2	3652.881	46.65	74.0	27.35	Peak	64.00	200	Horizontal	Pass
2**	3652.881	36.63	54.0	17.38	AV	64.00	200	Horizontal	Pass
3	4826.761	49.38	74.0	24.63	Peak	139.00	200	Horizontal	Pass
3**	4826.761	40.31	54.0	13.70	AV	139.00	200	Horizontal	Pass
4	7595.807	52.83	74.0	21.17	Peak	130.00	400	Horizontal	Pass
4**	7595.807	44.11	54.0	9.89	AV	130.00	400	Horizontal	Pass
5	12470.062	53.09	74.0	20.91	Peak	49.00	200	Horizontal	Pass
5**	12470.062	44.79	54.0	9.21	AV	49.00	200	Horizontal	Pass
6	16123.231	54.26	74.0	19.74	Peak	135.00	100	Horizontal	Pass
6**	16123.231	44.92	54.0	9.08	AV	135.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.937	41.79	74.0	32.22	Peak	354.00	400	Vertical	Pass
1**	1571.937	31.91	54.0	22.09	AV	354.00	400	Vertical	Pass
2	3732.404	47.54	74.0	26.47	Peak	157.00	100	Vertical	Pass
2**	3732.404	38.04	54.0	15.97	AV	157.00	100	Vertical	Pass
3	4300.822	48.90	74.0	25.10	Peak	246.00	200	Vertical	Pass
3**	4300.822	40.32	54.0	13.68	AV	246.00	200	Vertical	Pass
4	7689.977	56.49	74.0	17.52	Peak	14.00	200	Vertical	Pass
4**	7689.977	46.28	54.0	7.72	AV	14.00	200	Vertical	Pass
5	10861.038	50.09	74.0	23.92	Peak	282.00	100	Vertical	Pass
5**	10861.038	39.07	54.0	14.93	AV	282.00	100	Vertical	Pass
6	16133.391	50.23	74.0	23.77	Peak	27.00	200	Vertical	Pass
6**	16133.391	41.26	54.0	12.74	AV	27.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.479	38.12	74.0	35.88	Peak	225.00	300	Horizontal	Pass
1**	1624.479	29.73	54.0	24.27	AV	225.00	300	Horizontal	Pass
2	3653.461	47.10	74.0	26.90	Peak	176.00	300	Horizontal	Pass
2**	3653.461	36.96	54.0	17.04	AV	176.00	300	Horizontal	Pass
3	4827.882	49.51	74.0	24.49	Peak	190.00	200	Horizontal	Pass
3**	4827.882	40.60	54.0	13.40	AV	190.00	200	Horizontal	Pass
4	7595.842	52.93	74.0	21.07	Peak	276.00	100	Horizontal	Pass
4**	7595.842	44.53	54.0	9.47	AV	276.00	100	Horizontal	Pass
5	12466.948	52.97	74.0	21.03	Peak	71.00	300	Horizontal	Pass
5**	12466.948	45.06	54.0	8.94	AV	71.00	300	Horizontal	Pass
6	16118.017	54.51	74.0	19.49	Peak	338.00	300	Horizontal	Pass
6**	16118.017	44.86	54.0	9.14	AV	338.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.003	41.61	74.0	32.39	Peak	360.00	300	Vertical	Pass
1**	1577.003	31.71	54.0	22.29	AV	360.00	300	Vertical	Pass
2	3733.072	47.31	74.0	26.69	Peak	212.00	400	Vertical	Pass
2**	3733.072	37.95	54.0	16.06	AV	212.00	400	Vertical	Pass
3	4308.251	48.83	74.0	25.17	Peak	356.00	200	Vertical	Pass
3**	4308.251	40.12	54.0	13.88	AV	356.00	200	Vertical	Pass
4	7687.035	56.22	74.0	17.78	Peak	256.00	100	Vertical	Pass
4**	7687.035	46.26	54.0	7.74	AV	256.00	100	Vertical	Pass
5	10858.210	49.81	74.0	24.19	Peak	35.00	400	Vertical	Pass
5**	10858.210	38.82	54.0	15.18	AV	35.00	400	Vertical	Pass
6	16130.529	50.01	74.0	23.99	Peak	193.00	200	Vertical	Pass
6**	16130.529	41.00	54.0	13.00	AV	193.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.318	37.95	74.0	36.05	Peak	142.00	100	Horizontal	Pass
1**	1624.318	29.32	54.0	24.68	AV	142.00	100	Horizontal	Pass
2	3656.541	46.82	74.0	27.18	Peak	184.00	200	Horizontal	Pass
2**	3656.541	36.71	54.0	17.29	AV	184.00	200	Horizontal	Pass
3	4827.966	49.37	74.0	24.63	Peak	297.00	200	Horizontal	Pass
3**	4827.966	40.39	54.0	13.61	AV	297.00	200	Horizontal	Pass
4	7600.980	53.02	74.0	20.98	Peak	52.00	400	Horizontal	Pass
4**	7600.980	44.28	54.0	9.72	AV	52.00	400	Horizontal	Pass
5	12473.763	53.05	74.0	20.95	Peak	118.00	100	Horizontal	Pass
5**	12473.763	44.77	54.0	9.23	AV	118.00	100	Horizontal	Pass
6	16123.807	54.48	74.0	19.52	Peak	143.00	300	Horizontal	Pass
6**	16123.807	44.76	54.0	9.24	AV	143.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.747	41.57	74.0	32.43	Peak	128.00	300	Vertical	Pass
1**	1574.747	31.64	54.0	22.36	AV	128.00	300	Vertical	Pass
2	3736.189	47.04	74.0	26.96	Peak	296.00	200	Vertical	Pass
2**	3736.189	37.75	54.0	16.25	AV	296.00	200	Vertical	Pass
3	4307.150	48.57	74.0	25.43	Peak	44.00	200	Vertical	Pass
3**	4307.150	40.04	54.0	13.96	AV	44.00	200	Vertical	Pass
4	7684.481	56.17	74.0	17.83	Peak	88.00	300	Vertical	Pass
4**	7684.481	46.03	54.0	7.97	AV	88.00	300	Vertical	Pass
5	10859.358	49.58	74.0	24.42	Peak	311.00	300	Vertical	Pass
5**	10859.358	38.72	54.0	15.28	AV	311.00	300	Vertical	Pass
6	16132.802	49.84	74.0	24.16	Peak	118.00	200	Vertical	Pass
6**	16132.802	40.71	54.0	13.29	AV	118.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1629.577	38.04	74.0	35.97	Peak	52.00	100	Horizontal	Pass
1**	1629.577	29.19	54.0	24.81	AV	52.00	100	Horizontal	Pass
2	3655.326	46.62	74.0	27.38	Peak	75.00	100	Horizontal	Pass
2**	3655.326	36.54	54.0	17.46	AV	75.00	100	Horizontal	Pass
3	4830.795	49.26	74.0	24.74	Peak	335.00	200	Horizontal	Pass
3**	4830.795	40.07	54.0	13.93	AV	335.00	200	Horizontal	Pass
4	7599.546	52.82	74.0	21.18	Peak	312.00	400	Horizontal	Pass
4**	7599.546	43.81	54.0	10.19	AV	312.00	400	Horizontal	Pass
5	12470.202	52.89	74.0	21.11	Peak	220.00	400	Horizontal	Pass
5**	12470.202	44.65	54.0	9.35	AV	220.00	400	Horizontal	Pass
6	16122.730	54.20	74.0	19.80	Peak	46.00	100	Horizontal	Pass
6**	16122.730	44.71	54.0	9.29	AV	46.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.119	41.42	74.0	32.59	Peak	357.00	400	Vertical	Pass
1**	1574.119	31.48	54.0	22.52	AV	357.00	400	Vertical	Pass
2	3734.435	46.99	74.0	27.01	Peak	156.00	200	Vertical	Pass
2**	3734.435	37.52	54.0	16.48	AV	156.00	200	Vertical	Pass
3	4302.736	48.44	74.0	25.56	Peak	259.00	200	Vertical	Pass
3**	4302.736	39.90	54.0	14.10	AV	259.00	200	Vertical	Pass
4	7690.225	55.88	74.0	18.12	Peak	198.00	400	Vertical	Pass
4**	7690.225	45.75	54.0	8.25	AV	198.00	400	Vertical	Pass
5	10858.328	49.44	74.0	24.56	Peak	48.00	300	Vertical	Pass
5**	10858.328	38.64	54.0	15.36	AV	48.00	300	Vertical	Pass
6	16135.968	49.59	74.0	24.41	Peak	106.00	400	Vertical	Pass
6**	16135.968	40.65	54.0	13.35	AV	106.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1628.873	38.34	74.0	35.66	Peak	99.00	200	Horizontal	Pass
1**	1628.873	29.66	54.0	24.34	AV	99.00	200	Horizontal	Pass
2	3652.367	46.94	74.0	27.06	Peak	172.00	100	Horizontal	Pass
2**	3652.367	36.86	54.0	17.14	AV	172.00	100	Horizontal	Pass
3	4827.380	49.56	74.0	24.44	Peak	131.00	200	Horizontal	Pass
3**	4827.380	40.41	54.0	13.59	AV	131.00	200	Horizontal	Pass
4	7602.657	52.97	74.0	21.03	Peak	71.00	200	Horizontal	Pass
4**	7602.657	44.54	54.0	9.47	AV	71.00	200	Horizontal	Pass
5	12471.348	52.90	74.0	21.10	Peak	317.00	200	Horizontal	Pass
5**	12471.348	44.97	54.0	9.03	AV	317.00	200	Horizontal	Pass
6	16120.359	54.54	74.0	19.46	Peak	331.00	400	Horizontal	Pass
6**	16120.359	44.85	54.0	9.15	AV	331.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.259	41.36	74.0	32.64	Peak	151.00	100	Vertical	Pass
1**	1573.259	31.40	54.0	22.60	AV	151.00	100	Vertical	Pass
2	3736.523	46.84	74.0	27.17	Peak	268.00	100	Vertical	Pass
2**	3736.523	37.42	54.0	16.58	AV	268.00	100	Vertical	Pass
3	4305.917	48.17	74.0	25.83	Peak	5.00	200	Vertical	Pass
3**	4305.917	39.71	54.0	14.29	AV	5.00	200	Vertical	Pass
4	7684.496	55.72	74.0	18.28	Peak	83.00	300	Vertical	Pass
4**	7684.496	45.49	54.0	8.51	AV	83.00	300	Vertical	Pass
5	10858.117	49.22	74.0	24.79	Peak	114.00	300	Vertical	Pass
5**	10858.117	38.42	54.0	15.59	AV	114.00	300	Vertical	Pass
6	16134.512	49.30	74.0	24.70	Peak	296.00	200	Vertical	Pass
6**	16134.512	40.59	54.0	13.41	AV	296.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.161	38.12	74.0	35.88	Peak	33.00	100	Horizontal	Pass
1**	1623.161	29.36	54.0	24.64	AV	33.00	100	Horizontal	Pass
2	3651.627	46.63	74.0	27.37	Peak	76.00	400	Horizontal	Pass
2**	3651.627	36.78	54.0	17.22	AV	76.00	400	Horizontal	Pass
3	4825.935	49.32	74.0	24.68	Peak	131.00	200	Horizontal	Pass
3**	4825.935	40.27	54.0	13.73	AV	131.00	200	Horizontal	Pass
4	7597.971	53.00	74.0	21.00	Peak	8.00	100	Horizontal	Pass
4**	7597.971	44.18	54.0	9.82	AV	8.00	100	Horizontal	Pass
5	12469.132	53.15	74.0	20.85	Peak	113.00	100	Horizontal	Pass
5**	12469.132	44.79	54.0	9.21	AV	113.00	100	Horizontal	Pass
6	16122.241	54.53	74.0	19.47	Peak	357.00	400	Horizontal	Pass
6**	16122.241	44.96	54.0	9.05	AV	357.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.592	41.13	74.0	32.87	Peak	102.00	100	Vertical	Pass
1**	1578.592	31.20	54.0	22.80	AV	102.00	100	Vertical	Pass
2	3730.815	46.69	74.0	27.31	Peak	353.00	300	Vertical	Pass
2**	3730.815	37.22	54.0	16.78	AV	353.00	300	Vertical	Pass
3	4307.748	47.87	74.0	26.13	Peak	259.00	200	Vertical	Pass
3**	4307.748	39.48	54.0	14.52	AV	259.00	200	Vertical	Pass
4	7688.997	55.71	74.0	18.29	Peak	277.00	300	Vertical	Pass
4**	7688.997	45.36	54.0	8.64	AV	277.00	300	Vertical	Pass
5	10860.495	49.21	74.0	24.79	Peak	221.00	400	Vertical	Pass
5**	10860.495	38.40	54.0	15.61	AV	221.00	400	Vertical	Pass
6	16135.650	49.08	74.0	24.92	Peak	96.00	100	Vertical	Pass
6**	16135.650	40.42	54.0	13.58	AV	96.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.252	38.37	74.0	35.63	Peak	38.00	400	Horizontal	Pass
1**	1625.252	29.75	54.0	24.25	AV	38.00	400	Horizontal	Pass
2	3650.322	47.03	74.0	26.97	Peak	315.00	400	Horizontal	Pass
2**	3650.322	36.94	54.0	17.06	AV	315.00	400	Horizontal	Pass
3	4823.114	49.48	74.0	24.52	Peak	35.00	200	Horizontal	Pass
3**	4823.114	40.47	54.0	13.53	AV	35.00	200	Horizontal	Pass
4	7598.350	53.04	74.0	20.96	Peak	328.00	100	Horizontal	Pass
4**	7598.350	44.30	54.0	9.70	AV	328.00	100	Horizontal	Pass
5	12473.176	53.08	74.0	20.92	Peak	95.00	200	Horizontal	Pass
5**	12473.176	45.03	54.0	8.97	AV	95.00	200	Horizontal	Pass
6	16121.224	54.43	74.0	19.57	Peak	215.00	200	Horizontal	Pass
6**	16121.224	44.87	54.0	9.13	AV	215.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.444	40.99	74.0	33.01	Peak	87.00	100	Vertical	Pass
1**	1572.444	30.92	54.0	23.08	AV	87.00	100	Vertical	Pass
2	3732.041	46.58	74.0	27.42	Peak	53.00	100	Vertical	Pass
2**	3732.041	37.04	54.0	16.96	AV	53.00	100	Vertical	Pass
3	4302.619	47.87	74.0	26.13	Peak	95.00	200	Vertical	Pass
3**	4302.619	39.23	54.0	14.77	AV	95.00	200	Vertical	Pass
4	7684.755	55.44	74.0	18.56	Peak	31.00	200	Vertical	Pass
4**	7684.755	45.06	54.0	8.94	AV	31.00	200	Vertical	Pass
5	10856.177	49.21	74.0	24.79	Peak	167.00	200	Vertical	Pass
5**	10856.177	38.25	54.0	15.75	AV	167.00	200	Vertical	Pass
6	16135.185	48.78	74.0	25.22	Peak	35.00	100	Vertical	Pass
6**	16135.185	40.38	54.0	13.62	AV	35.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.334	38.00	74.0	36.00	Peak	28.00	400	Horizontal	Pass
1**	1624.334	29.40	54.0	24.60	AV	28.00	400	Horizontal	Pass
2	3653.570	46.61	74.0	27.39	Peak	219.00	100	Horizontal	Pass
2**	3653.570	36.71	54.0	17.29	AV	219.00	100	Horizontal	Pass
3	4823.570	49.33	74.0	24.68	Peak	252.00	200	Horizontal	Pass
3**	4823.570	40.41	54.0	13.60	AV	252.00	200	Horizontal	Pass
4	7600.842	52.89	74.0	21.11	Peak	124.00	300	Horizontal	Pass
4**	7600.842	44.02	54.0	9.98	AV	124.00	300	Horizontal	Pass
5	12469.989	53.12	74.0	20.88	Peak	32.00	100	Horizontal	Pass
5**	12469.989	44.84	54.0	9.16	AV	32.00	100	Horizontal	Pass
6	16118.338	54.41	74.0	19.59	Peak	25.00	200	Horizontal	Pass
6**	16118.338	44.94	54.0	9.06	AV	25.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.882	40.78	74.0	33.22	Peak	10.00	400	Vertical	Pass
1**	1576.882	30.77	54.0	23.23	AV	10.00	400	Vertical	Pass
2	3734.431	46.52	74.0	27.48	Peak	123.00	300	Vertical	Pass
2**	3734.431	36.96	54.0	17.04	AV	123.00	300	Vertical	Pass
3	4304.062	47.78	74.0	26.22	Peak	313.00	200	Vertical	Pass
3**	4304.062	39.22	54.0	14.78	AV	313.00	200	Vertical	Pass
4	7691.022	55.35	74.0	18.65	Peak	224.00	200	Vertical	Pass
4**	7691.022	44.82	54.0	9.19	AV	224.00	200	Vertical	Pass
5	10855.903	49.17	74.0	24.83	Peak	255.00	100	Vertical	Pass
5**	10855.903	38.17	54.0	15.84	AV	255.00	100	Vertical	Pass
6	16128.600	48.73	74.0	25.27	Peak	300.00	300	Vertical	Pass
6**	16128.600	40.32	54.0	13.69	AV	300.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1628.271	37.81	74.0	36.19	Peak	338.00	100	Horizontal	Pass
1**	1628.271	29.21	54.0	24.79	AV	338.00	100	Horizontal	Pass
2	3654.702	46.52	74.0	27.48	Peak	240.00	300	Horizontal	Pass
2**	3654.702	36.39	54.0	17.61	AV	240.00	300	Horizontal	Pass
3	4830.183	49.31	74.0	24.69	Peak	217.00	200	Horizontal	Pass
3**	4830.183	40.11	54.0	13.89	AV	217.00	200	Horizontal	Pass
4	7596.361	52.57	74.0	21.43	Peak	164.00	100	Horizontal	Pass
4**	7596.361	43.92	54.0	10.09	AV	164.00	100	Horizontal	Pass
5	12474.419	53.00	74.0	21.00	Peak	323.00	300	Horizontal	Pass
5**	12474.419	44.73	54.0	9.27	AV	323.00	300	Horizontal	Pass
6	16117.121	54.11	74.0	19.89	Peak	193.00	300	Horizontal	Pass
6**	16117.121	44.72	54.0	9.28	AV	193.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.791	40.65	74.0	33.35	Peak	15.00	100	Vertical	Pass
1**	1572.791	30.58	54.0	23.43	AV	15.00	100	Vertical	Pass
2	3731.975	46.29	74.0	27.72	Peak	124.00	100	Vertical	Pass
2**	3731.975	36.89	54.0	17.11	AV	124.00	100	Vertical	Pass
3	4300.615	47.73	74.0	26.27	Peak	319.00	200	Vertical	Pass
3**	4300.615	39.08	54.0	14.92	AV	319.00	200	Vertical	Pass
4	7690.236	55.30	74.0	18.70	Peak	288.00	300	Vertical	Pass
4**	7690.236	44.52	54.0	9.48	AV	288.00	300	Vertical	Pass
5	10854.910	48.88	74.0	25.12	Peak	328.00	200	Vertical	Pass
5**	10854.910	38.11	54.0	15.89	AV	328.00	200	Vertical	Pass
6	16134.454	48.55	74.0	25.45	Peak	154.00	300	Vertical	Pass
6**	16134.454	40.15	54.0	13.85	AV	154.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.942	38.00	74.0	36.00	Peak	191.00	200	Horizontal	Pass
1**	1624.942	29.62	54.0	24.38	AV	191.00	200	Horizontal	Pass
2	3650.018	47.07	74.0	26.93	Peak	282.00	200	Horizontal	Pass
2**	3650.018	36.79	54.0	17.22	AV	282.00	200	Horizontal	Pass
3	4825.863	49.31	74.0	24.69	Peak	198.00	200	Horizontal	Pass
3**	4825.863	40.38	54.0	13.63	AV	198.00	200	Horizontal	Pass
4	7599.117	52.67	74.0	21.33	Peak	245.00	400	Horizontal	Pass
4**	7599.117	44.31	54.0	9.69	AV	245.00	400	Horizontal	Pass
5	12468.728	52.86	74.0	21.14	Peak	73.00	400	Horizontal	Pass
5**	12468.728	44.77	54.0	9.23	AV	73.00	400	Horizontal	Pass
6	16121.506	54.29	74.0	19.71	Peak	38.00	100	Horizontal	Pass
6**	16121.506	44.68	54.0	9.32	AV	38.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.869	40.63	74.0	33.37	Peak	90.00	100	Vertical	Pass
1**	1571.869	30.48	54.0	23.52	AV	90.00	100	Vertical	Pass
2	3737.118	46.14	74.0	27.86	Peak	350.00	300	Vertical	Pass
2**	3737.118	36.81	54.0	17.19	AV	350.00	300	Vertical	Pass
3	4306.590	47.53	74.0	26.47	Peak	334.00	200	Vertical	Pass
3**	4306.590	38.82	54.0	15.18	AV	334.00	200	Vertical	Pass
4	7689.975	55.24	74.0	18.76	Peak	199.00	200	Vertical	Pass
4**	7689.975	44.51	54.0	9.49	AV	199.00	200	Vertical	Pass
5	10855.051	48.68	74.0	25.32	Peak	159.00	100	Vertical	Pass
5**	10855.051	38.09	54.0	15.91	AV	159.00	100	Vertical	Pass
6	16135.579	48.27	74.0	25.73	Peak	159.00	300	Vertical	Pass
6**	16135.579	40.06	54.0	13.94	AV	159.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1628.297	38.12	74.0	35.88	Peak	305.00	100	Horizontal	Pass
1**	1628.297	29.65	54.0	24.35	AV	305.00	100	Horizontal	Pass
2	3655.999	46.83	74.0	27.17	Peak	341.00	400	Horizontal	Pass
2**	3655.999	36.86	54.0	17.14	AV	341.00	400	Horizontal	Pass
3	4830.924	49.72	74.0	24.28	Peak	2.00	200	Horizontal	Pass
3**	4830.924	40.52	54.0	13.48	AV	2.00	200	Horizontal	Pass
4	7598.042	52.92	74.0	21.08	Peak	313.00	200	Horizontal	Pass
4**	7598.042	44.41	54.0	9.59	AV	313.00	200	Horizontal	Pass
5	12466.468	53.07	74.0	20.93	Peak	147.00	400	Horizontal	Pass
5**	12466.468	44.94	54.0	9.06	AV	147.00	400	Horizontal	Pass
6	16117.898	54.53	74.0	19.47	Peak	195.00	200	Horizontal	Pass
6**	16117.898	44.87	54.0	9.14	AV	195.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.905	41.95	74.0	32.05	Peak	69.00	200	Vertical	Pass
1**	1576.905	32.08	54.0	21.92	AV	69.00	200	Vertical	Pass
2	3732.285	47.31	74.0	26.69	Peak	32.00	300	Vertical	Pass
2**	3732.285	38.11	54.0	15.89	AV	32.00	300	Vertical	Pass
3	4302.487	48.95	74.0	25.05	Peak	6.00	200	Vertical	Pass
3**	4302.487	40.44	54.0	13.56	AV	6.00	200	Vertical	Pass
4	7687.368	56.39	74.0	17.61	Peak	289.00	200	Vertical	Pass
4**	7687.368	46.38	54.0	7.62	AV	289.00	200	Vertical	Pass
5	10855.327	50.00	74.0	24.00	Peak	152.00	300	Vertical	Pass
5**	10855.327	39.27	54.0	14.73	AV	152.00	300	Vertical	Pass
6	16131.344	50.41	74.0	23.59	Peak	337.00	300	Vertical	Pass
6**	16131.344	41.46	54.0	12.54	AV	337.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1627.560	37.94	74.0	36.06	Peak	328.00	100	Horizontal	Pass
1**	1627.560	29.48	54.0	24.52	AV	328.00	100	Horizontal	Pass
2	3650.071	46.86	74.0	27.14	Peak	292.00	200	Horizontal	Pass
2**	3650.071	36.63	54.0	17.38	AV	292.00	200	Horizontal	Pass
3	4830.700	49.24	74.0	24.76	Peak	123.00	200	Horizontal	Pass
3**	4830.700	40.35	54.0	13.66	AV	123.00	200	Horizontal	Pass
4	7603.006	52.93	74.0	21.07	Peak	116.00	200	Horizontal	Pass
4**	7603.006	44.09	54.0	9.91	AV	116.00	200	Horizontal	Pass
5	12474.316	53.12	74.0	20.88	Peak	175.00	200	Horizontal	Pass
5**	12474.316	44.81	54.0	9.19	AV	175.00	200	Horizontal	Pass
6	16123.873	54.52	74.0	19.48	Peak	343.00	200	Horizontal	Pass
6**	16123.873	44.78	54.0	9.23	AV	343.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.700	41.80	74.0	32.20	Peak	22.00	400	Vertical	Pass
1**	1574.700	31.98	54.0	22.02	AV	22.00	400	Vertical	Pass
2	3735.047	47.28	74.0	26.72	Peak	110.00	300	Vertical	Pass
2**	3735.047	37.91	54.0	16.09	AV	110.00	300	Vertical	Pass
3	4300.585	49.02	74.0	24.98	Peak	35.00	200	Vertical	Pass
3**	4300.585	40.22	54.0	13.78	AV	35.00	200	Vertical	Pass
4	7685.303	56.58	74.0	17.42	Peak	105.00	200	Vertical	Pass
4**	7685.303	46.29	54.0	7.71	AV	105.00	200	Vertical	Pass
5	10861.266	50.05	74.0	23.95	Peak	306.00	300	Vertical	Pass
5**	10861.266	39.21	54.0	14.79	AV	306.00	300	Vertical	Pass
6	16130.435	50.32	74.0	23.68	Peak	36.00	100	Vertical	Pass
6**	16130.435	41.16	54.0	12.85	AV	36.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.979	40.56	74.0	33.44	Peak	52.00	100	Horizontal	Pass
1**	1503.979	28.71	54.0	25.29	AV	52.00	100	Horizontal	Pass
2	2341.938	39.22	74.0	34.78	Peak	295.00	300	Horizontal	Pass
2**	2341.938	30.12	54.0	23.88	AV	295.00	300	Horizontal	Pass
3	4201.868	48.40	74.0	25.60	Peak	138.00	200	Horizontal	Pass
3**	4201.868	39.77	54.0	14.23	AV	138.00	200	Horizontal	Pass
4	7433.658	54.68	74.0	19.32	Peak	235.00	100	Horizontal	Pass
4**	7433.658	44.39	54.0	9.61	AV	235.00	100	Horizontal	Pass
5	12513.550	53.42	74.0	20.59	Peak	8.00	100	Horizontal	Pass
5**	12513.550	43.69	54.0	10.31	AV	8.00	100	Horizontal	Pass
6	16152.896	53.99	74.0	20.01	Peak	302.00	100	Horizontal	Pass
6**	16152.896	44.29	54.0	9.71	AV	302.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.498	49.85	74.0	24.16	Peak	146.00	300	Vertical	Pass
1**	1157.498	35.02	54.0	18.98	AV	146.00	300	Vertical	Pass
2	1334.514	47.06	74.0	26.95	Peak	232.00	100	Vertical	Pass
2**	1334.514	38.63	54.0	15.37	AV	232.00	100	Vertical	Pass
3	4923.104	48.60	74.0	25.40	Peak	318.00	200	Vertical	Pass
3**	4923.104	39.05	54.0	14.95	AV	318.00	200	Vertical	Pass
4	7930.349	53.14	74.0	20.86	Peak	231.00	400	Vertical	Pass
4**	7930.349	43.72	54.0	10.28	AV	231.00	400	Vertical	Pass
5	12495.737	53.35	74.0	20.65	Peak	252.00	100	Vertical	Pass
5**	12495.737	43.72	54.0	10.29	AV	252.00	100	Vertical	Pass
6	17104.161	54.25	74.0	19.75	Peak	3.00	400	Vertical	Pass
6**	17104.161	43.74	54.0	10.26	AV	3.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.420	40.45	74.0	33.56	Peak	176.00	300	Horizontal	Pass
1**	1508.420	28.67	54.0	25.33	AV	176.00	300	Horizontal	Pass
2	2348.566	39.11	74.0	34.89	Peak	93.00	300	Horizontal	Pass
2**	2348.566	29.92	54.0	24.08	AV	93.00	300	Horizontal	Pass
3	4199.749	48.24	74.0	25.77	Peak	289.00	200	Horizontal	Pass
3**	4199.749	39.70	54.0	14.30	AV	289.00	200	Horizontal	Pass
4	7437.514	54.57	74.0	19.43	Peak	0.00	100	Horizontal	Pass
4**	7437.514	44.39	54.0	9.61	AV	0.00	100	Horizontal	Pass
5	12513.718	53.38	74.0	20.62	Peak	303.00	400	Horizontal	Pass
5**	12513.718	43.50	54.0	10.50	AV	303.00	400	Horizontal	Pass
6	16147.201	53.98	74.0	20.02	Peak	185.00	200	Horizontal	Pass
6**	16147.201	44.10	54.0	9.90	AV	185.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.396	49.61	74.0	24.39	Peak	320.00	100	Vertical	Pass
1**	1162.396	34.87	54.0	19.13	AV	320.00	100	Vertical	Pass
2	1340.382	46.78	74.0	27.22	Peak	226.00	200	Vertical	Pass
2**	1340.382	38.43	54.0	15.57	AV	226.00	200	Vertical	Pass
3	4923.352	48.30	74.0	25.70	Peak	13.00	200	Vertical	Pass
3**	4923.352	38.75	54.0	15.25	AV	13.00	200	Vertical	Pass
4	7929.534	52.93	74.0	21.08	Peak	89.00	300	Vertical	Pass
4**	7929.534	43.63	54.0	10.37	AV	89.00	300	Vertical	Pass
5	12494.706	53.22	74.0	20.78	Peak	313.00	200	Vertical	Pass
5**	12494.706	43.60	54.0	10.40	AV	313.00	200	Vertical	Pass
6	17102.259	54.24	74.0	19.76	Peak	310.00	400	Vertical	Pass
6**	17102.259	43.55	54.0	10.45	AV	310.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.944	40.19	74.0	33.81	Peak	131.00	100	Horizontal	Pass
1**	1504.944	28.39	54.0	25.62	AV	131.00	100	Horizontal	Pass
2	2346.176	38.82	74.0	35.18	Peak	341.00	200	Horizontal	Pass
2**	2346.176	29.87	54.0	24.13	AV	341.00	200	Horizontal	Pass
3	4205.899	48.19	74.0	25.81	Peak	126.00	200	Horizontal	Pass
3**	4205.899	39.47	54.0	14.53	AV	126.00	200	Horizontal	Pass
4	7438.637	54.54	74.0	19.46	Peak	346.00	200	Horizontal	Pass
4**	7438.637	44.15	54.0	9.85	AV	346.00	200	Horizontal	Pass
5	12513.480	53.35	74.0	20.65	Peak	217.00	300	Horizontal	Pass
5**	12513.480	43.35	54.0	10.65	AV	217.00	300	Horizontal	Pass
6	16147.840	53.79	74.0	20.22	Peak	9.00	300	Horizontal	Pass
6**	16147.840	44.01	54.0	9.99	AV	9.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.567	49.40	74.0	24.60	Peak	124.00	400	Vertical	Pass
1**	1159.567	34.57	54.0	19.43	AV	124.00	400	Vertical	Pass
2	1336.534	46.74	74.0	27.26	Peak	344.00	300	Vertical	Pass
2**	1336.534	38.13	54.0	15.87	AV	344.00	300	Vertical	Pass
3	4920.859	48.24	74.0	25.76	Peak	93.00	200	Vertical	Pass
3**	4920.859	38.72	54.0	15.28	AV	93.00	200	Vertical	Pass
4	7929.741	52.91	74.0	21.09	Peak	282.00	200	Vertical	Pass
4**	7929.741	43.59	54.0	10.41	AV	282.00	200	Vertical	Pass
5	12494.631	53.00	74.0	21.00	Peak	351.00	300	Vertical	Pass
5**	12494.631	43.53	54.0	10.48	AV	351.00	300	Vertical	Pass
6	17099.303	54.03	74.0	19.97	Peak	47.00	300	Vertical	Pass
6**	17099.303	43.50	54.0	10.50	AV	47.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.728	39.94	74.0	34.06	Peak	319.00	300	Horizontal	Pass
1**	1511.728	28.31	54.0	25.69	AV	319.00	300	Horizontal	Pass
2	2346.878	38.70	74.0	35.30	Peak	336.00	300	Horizontal	Pass
2**	2346.878	29.59	54.0	24.41	AV	336.00	300	Horizontal	Pass
3	4199.679	47.93	74.0	26.07	Peak	27.00	200	Horizontal	Pass
3**	4199.679	39.19	54.0	14.81	AV	27.00	200	Horizontal	Pass
4	7440.330	54.54	74.0	19.46	Peak	1.00	200	Horizontal	Pass
4**	7440.330	43.94	54.0	10.06	AV	1.00	200	Horizontal	Pass
5	12512.974	53.22	74.0	20.78	Peak	336.00	100	Horizontal	Pass
5**	12512.974	43.31	54.0	10.69	AV	336.00	100	Horizontal	Pass
6	16151.989	53.71	74.0	20.29	Peak	236.00	200	Horizontal	Pass
6**	16151.989	43.77	54.0	10.23	AV	236.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.738	49.17	74.0	24.84	Peak	263.00	400	Vertical	Pass
1**	1162.738	34.44	54.0	19.56	AV	263.00	400	Vertical	Pass
2	1339.120	46.63	74.0	27.37	Peak	218.00	300	Vertical	Pass
2**	1339.120	38.02	54.0	15.98	AV	218.00	300	Vertical	Pass
3	4925.747	48.08	74.0	25.92	Peak	343.00	200	Vertical	Pass
3**	4925.747	38.51	54.0	15.49	AV	343.00	200	Vertical	Pass
4	7932.580	52.79	74.0	21.21	Peak	243.00	100	Vertical	Pass
4**	7932.580	43.50	54.0	10.50	AV	243.00	100	Vertical	Pass
5	12496.027	52.72	74.0	21.29	Peak	251.00	100	Vertical	Pass
5**	12496.027	43.49	54.0	10.51	AV	251.00	100	Vertical	Pass
6	17101.351	53.85	74.0	20.16	Peak	69.00	400	Vertical	Pass
6**	17101.351	43.40	54.0	10.60	AV	69.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.986	40.33	74.0	33.67	Peak	223.00	300	Horizontal	Pass
1**	1510.986	28.41	54.0	25.59	AV	223.00	300	Horizontal	Pass
2	2343.636	38.95	74.0	35.05	Peak	88.00	200	Horizontal	Pass
2**	2343.636	29.82	54.0	24.18	AV	88.00	200	Horizontal	Pass
3	4206.180	48.11	74.0	25.89	Peak	176.00	200	Horizontal	Pass
3**	4206.180	39.48	54.0	14.53	AV	176.00	200	Horizontal	Pass
4	7439.063	54.53	74.0	19.47	Peak	40.00	100	Horizontal	Pass
4**	7439.063	44.29	54.0	9.71	AV	40.00	100	Horizontal	Pass
5	12515.542	53.41	74.0	20.59	Peak	19.00	100	Horizontal	Pass
5**	12515.542	43.48	54.0	10.52	AV	19.00	100	Horizontal	Pass
6	16150.344	53.69	74.0	20.31	Peak	94.00	400	Horizontal	Pass
6**	16150.344	44.02	54.0	9.98	AV	94.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.503	49.82	74.0	24.18	Peak	242.00	200	Vertical	Pass
1**	1162.503	34.89	54.0	19.11	AV	242.00	200	Vertical	Pass
2	1332.844	46.80	74.0	27.20	Peak	276.00	400	Vertical	Pass
2**	1332.844	38.49	54.0	15.51	AV	276.00	400	Vertical	Pass
3	4922.759	48.35	74.0	25.65	Peak	332.00	200	Vertical	Pass
3**	4922.759	38.85	54.0	15.15	AV	332.00	200	Vertical	Pass
4	7936.962	53.03	74.0	20.97	Peak	13.00	200	Vertical	Pass
4**	7936.962	43.58	54.0	10.43	AV	13.00	200	Vertical	Pass
5	12500.361	53.17	74.0	20.83	Peak	68.00	100	Vertical	Pass
5**	12500.361	43.67	54.0	10.33	AV	68.00	100	Vertical	Pass
6	17102.221	53.97	74.0	20.03	Peak	304.00	300	Vertical	Pass
6**	17102.221	43.51	54.0	10.49	AV	304.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.404	40.21	74.0	33.79	Peak	280.00	100	Horizontal	Pass
1**	1506.404	28.65	54.0	25.35	AV	280.00	100	Horizontal	Pass
2	2342.403	38.87	74.0	35.13	Peak	183.00	300	Horizontal	Pass
2**	2342.403	29.91	54.0	24.09	AV	183.00	300	Horizontal	Pass
3	4205.580	48.20	74.0	25.81	Peak	300.00	200	Horizontal	Pass
3**	4205.580	39.48	54.0	14.52	AV	300.00	200	Horizontal	Pass
4	7439.013	54.33	74.0	19.68	Peak	189.00	100	Horizontal	Pass
4**	7439.013	44.26	54.0	9.74	AV	189.00	100	Horizontal	Pass
5	12514.881	53.12	74.0	20.88	Peak	164.00	400	Horizontal	Pass
5**	12514.881	43.40	54.0	10.60	AV	164.00	400	Horizontal	Pass
6	16148.381	53.80	74.0	20.20	Peak	146.00	400	Horizontal	Pass
6**	16148.381	43.99	54.0	10.01	AV	146.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.917	49.61	74.0	24.39	Peak	176.00	100	Vertical	Pass
1**	1156.917	34.74	54.0	19.26	AV	176.00	100	Vertical	Pass
2	1333.338	46.52	74.0	27.48	Peak	194.00	300	Vertical	Pass
2**	1333.338	38.16	54.0	15.84	AV	194.00	300	Vertical	Pass
3	4923.522	48.21	74.0	25.79	Peak	345.00	200	Vertical	Pass
3**	4923.522	38.70	54.0	15.30	AV	345.00	200	Vertical	Pass
4	7936.015	52.86	74.0	21.14	Peak	148.00	300	Vertical	Pass
4**	7936.015	43.35	54.0	10.65	AV	148.00	300	Vertical	Pass
5	12494.873	52.95	74.0	21.05	Peak	160.00	300	Vertical	Pass
5**	12494.873	43.33	54.0	10.67	AV	160.00	300	Vertical	Pass
6	17099.846	54.13	74.0	19.87	Peak	126.00	200	Vertical	Pass
6**	17099.846	43.27	54.0	10.74	AV	126.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.142	40.16	74.0	33.84	Peak	37.00	400	Horizontal	Pass
1**	1508.142	28.12	54.0	25.89	AV	37.00	400	Horizontal	Pass
2	2347.677	38.78	74.0	35.22	Peak	24.00	300	Horizontal	Pass
2**	2347.677	29.85	54.0	24.15	AV	24.00	300	Horizontal	Pass
3	4199.571	48.09	74.0	25.91	Peak	342.00	200	Horizontal	Pass
3**	4199.571	39.24	54.0	14.76	AV	342.00	200	Horizontal	Pass
4	7438.479	54.43	74.0	19.58	Peak	316.00	200	Horizontal	Pass
4**	7438.479	43.97	54.0	10.03	AV	316.00	200	Horizontal	Pass
5	12516.786	53.11	74.0	20.89	Peak	325.00	300	Horizontal	Pass
5**	12516.786	43.07	54.0	10.93	AV	325.00	300	Horizontal	Pass
6	16148.179	53.52	74.0	20.48	Peak	241.00	300	Horizontal	Pass
6**	16148.179	43.94	54.0	10.06	AV	241.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.965	49.21	74.0	24.79	Peak	240.00	200	Vertical	Pass
1**	1163.965	34.39	54.0	19.61	AV	240.00	200	Vertical	Pass
2	1335.615	46.62	74.0	27.38	Peak	147.00	300	Vertical	Pass
2**	1335.615	37.88	54.0	16.12	AV	147.00	300	Vertical	Pass
3	4926.559	47.99	74.0	26.01	Peak	195.00	200	Vertical	Pass
3**	4926.559	38.50	54.0	15.50	AV	195.00	200	Vertical	Pass
4	7933.580	52.76	74.0	21.25	Peak	61.00	300	Vertical	Pass
4**	7933.580	43.58	54.0	10.42	AV	61.00	300	Vertical	Pass
5	12492.536	52.77	74.0	21.23	Peak	196.00	400	Vertical	Pass
5**	12492.536	43.41	54.0	10.59	AV	196.00	400	Vertical	Pass
6	17101.710	54.02	74.0	19.98	Peak	247.00	100	Vertical	Pass
6**	17101.710	43.27	54.0	10.73	AV	247.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.670	40.33	74.0	33.67	Peak	329.00	100	Horizontal	Pass
1**	1511.670	28.66	54.0	25.35	AV	329.00	100	Horizontal	Pass
2	2348.930	39.18	74.0	34.82	Peak	113.00	100	Horizontal	Pass
2**	2348.930	30.04	54.0	23.96	AV	113.00	100	Horizontal	Pass
3	4206.924	48.20	74.0	25.80	Peak	55.00	200	Horizontal	Pass
3**	4206.924	39.75	54.0	14.25	AV	55.00	200	Horizontal	Pass
4	7438.592	54.51	74.0	19.49	Peak	278.00	200	Horizontal	Pass
4**	7438.592	44.26	54.0	9.74	AV	278.00	200	Horizontal	Pass
5	12517.618	53.38	74.0	20.62	Peak	176.00	100	Horizontal	Pass
5**	12517.618	43.43	54.0	10.58	AV	176.00	100	Horizontal	Pass
6	16150.484	53.81	74.0	20.19	Peak	273.00	300	Horizontal	Pass
6**	16150.484	44.09	54.0	9.91	AV	273.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.562	48.94	74.0	25.07	Peak	310.00	400	Vertical	Pass
1**	1157.562	34.39	54.0	19.61	AV	310.00	400	Vertical	Pass
2	1339.234	46.63	74.0	27.38	Peak	302.00	300	Vertical	Pass
2**	1339.234	37.85	54.0	16.15	AV	302.00	300	Vertical	Pass
3	4925.026	47.91	74.0	26.09	Peak	15.00	200	Vertical	Pass
3**	4925.026	38.36	54.0	15.64	AV	15.00	200	Vertical	Pass
4	7933.567	52.55	74.0	21.45	Peak	301.00	400	Vertical	Pass
4**	7933.567	43.49	54.0	10.51	AV	301.00	400	Vertical	Pass
5	12499.098	52.61	74.0	21.39	Peak	246.00	200	Vertical	Pass
5**	12499.098	43.25	54.0	10.75	AV	246.00	200	Vertical	Pass
6	17104.165	53.55	74.0	20.45	Peak	266.00	300	Vertical	Pass
6**	17104.165	43.30	54.0	10.70	AV	266.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.920	40.37	74.0	33.63	Peak	303.00	100	Horizontal	Pass
1**	1510.920	28.55	54.0	25.45	AV	303.00	100	Horizontal	Pass
2	2345.904	38.82	74.0	35.18	Peak	309.00	300	Horizontal	Pass
2**	2345.904	29.92	54.0	24.08	AV	309.00	300	Horizontal	Pass
3	4203.241	48.20	74.0	25.80	Peak	321.00	200	Horizontal	Pass
3**	4203.241	39.51	54.0	14.49	AV	321.00	200	Horizontal	Pass
4	7439.925	54.32	74.0	19.68	Peak	276.00	200	Horizontal	Pass
4**	7439.925	44.29	54.0	9.71	AV	276.00	200	Horizontal	Pass
5	12511.337	53.33	74.0	20.67	Peak	279.00	300	Horizontal	Pass
5**	12511.337	43.26	54.0	10.74	AV	279.00	300	Horizontal	Pass
6	16149.012	53.76	74.0	20.24	Peak	151.00	200	Horizontal	Pass
6**	16149.012	43.86	54.0	10.14	AV	151.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.834	49.58	74.0	24.42	Peak	58.00	400	Vertical	Pass
1**	1159.834	34.61	54.0	19.39	AV	58.00	400	Vertical	Pass
2	1340.238	46.66	74.0	27.34	Peak	237.00	400	Vertical	Pass
2**	1340.238	38.21	54.0	15.79	AV	237.00	400	Vertical	Pass
3	4921.484	48.15	74.0	25.85	Peak	37.00	200	Vertical	Pass
3**	4921.484	38.56	54.0	15.44	AV	37.00	200	Vertical	Pass
4	7935.837	52.82	74.0	21.18	Peak	240.00	300	Vertical	Pass
4**	7935.837	43.29	54.0	10.71	AV	240.00	300	Vertical	Pass
5	12499.339	53.09	74.0	20.91	Peak	214.00	400	Vertical	Pass
5**	12499.339	43.56	54.0	10.44	AV	214.00	400	Vertical	Pass
6	17102.833	53.95	74.0	20.05	Peak	55.00	400	Vertical	Pass
6**	17102.833	43.34	54.0	10.66	AV	55.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.015	40.07	74.0	33.94	Peak	222.00	100	Horizontal	Pass
1**	1510.015	28.24	54.0	25.76	AV	222.00	100	Horizontal	Pass
2	2344.437	38.56	74.0	35.44	Peak	192.00	300	Horizontal	Pass
2**	2344.437	29.82	54.0	24.18	AV	192.00	300	Horizontal	Pass
3	4200.882	47.90	74.0	26.10	Peak	307.00	200	Horizontal	Pass
3**	4200.882	39.31	54.0	14.69	AV	307.00	200	Horizontal	Pass
4	7437.657	54.40	74.0	19.60	Peak	229.00	300	Horizontal	Pass
4**	7437.657	43.89	54.0	10.11	AV	229.00	300	Horizontal	Pass
5	12514.295	53.29	74.0	20.71	Peak	251.00	300	Horizontal	Pass
5**	12514.295	43.33	54.0	10.67	AV	251.00	300	Horizontal	Pass
6	16149.172	53.72	74.0	20.28	Peak	132.00	200	Horizontal	Pass
6**	16149.172	44.01	54.0	9.99	AV	132.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.437	49.47	74.0	24.53	Peak	14.00	300	Vertical	Pass
1**	1163.437	34.65	54.0	19.35	AV	14.00	300	Vertical	Pass
2	1339.375	46.26	74.0	27.74	Peak	91.00	400	Vertical	Pass
2**	1339.375	38.03	54.0	15.97	AV	91.00	400	Vertical	Pass
3	4922.151	48.13	74.0	25.87	Peak	217.00	200	Vertical	Pass
3**	4922.151	38.43	54.0	15.57	AV	217.00	200	Vertical	Pass
4	7930.688	52.65	74.0	21.35	Peak	257.00	200	Vertical	Pass
4**	7930.688	43.32	54.0	10.68	AV	257.00	200	Vertical	Pass
5	12499.506	52.75	74.0	21.25	Peak	81.00	400	Vertical	Pass
5**	12499.506	43.13	54.0	10.88	AV	81.00	400	Vertical	Pass
6	17099.638	53.90	74.0	20.10	Peak	245.00	200	Vertical	Pass
6**	17099.638	43.12	54.0	10.88	AV	245.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.850	39.73	74.0	34.27	Peak	64.00	300	Horizontal	Pass
1**	1510.850	28.18	54.0	25.82	AV	64.00	300	Horizontal	Pass
2	2346.229	38.67	74.0	35.33	Peak	315.00	300	Horizontal	Pass
2**	2346.229	29.54	54.0	24.47	AV	315.00	300	Horizontal	Pass
3	4200.118	47.89	74.0	26.11	Peak	85.00	200	Horizontal	Pass
3**	4200.118	39.17	54.0	14.84	AV	85.00	200	Horizontal	Pass
4	7438.076	54.39	74.0	19.61	Peak	254.00	200	Horizontal	Pass
4**	7438.076	43.83	54.0	10.17	AV	254.00	200	Horizontal	Pass
5	12510.712	53.07	74.0	20.93	Peak	235.00	300	Horizontal	Pass
5**	12510.712	43.10	54.0	10.90	AV	235.00	300	Horizontal	Pass
6	16152.301	53.60	74.0	20.41	Peak	198.00	200	Horizontal	Pass
6**	16152.301	43.62	54.0	10.38	AV	198.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.928	49.09	74.0	24.91	Peak	137.00	200	Vertical	Pass
1**	1163.928	34.29	54.0	19.71	AV	137.00	200	Vertical	Pass
2	1332.982	46.59	74.0	27.41	Peak	212.00	300	Vertical	Pass
2**	1332.982	37.83	54.0	16.17	AV	212.00	300	Vertical	Pass
3	4924.816	47.89	74.0	26.11	Peak	217.00	200	Vertical	Pass
3**	4924.816	38.42	54.0	15.58	AV	217.00	200	Vertical	Pass
4	7933.307	52.55	74.0	21.45	Peak	271.00	400	Vertical	Pass
4**	7933.307	43.40	54.0	10.60	AV	271.00	400	Vertical	Pass
5	12495.404	52.55	74.0	21.45	Peak	299.00	100	Vertical	Pass
5**	12495.404	43.33	54.0	10.67	AV	299.00	100	Vertical	Pass
6	17099.477	53.86	74.0	20.14	Peak	321.00	200	Vertical	Pass
6**	17099.477	43.20	54.0	10.80	AV	321.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.777	40.04	74.0	33.96	Peak	124.00	100	Horizontal	Pass
1**	1509.777	28.21	54.0	25.79	AV	124.00	100	Horizontal	Pass
2	2345.685	38.90	74.0	35.10	Peak	182.00	300	Horizontal	Pass
2**	2345.685	29.75	54.0	24.25	AV	182.00	300	Horizontal	Pass
3	4201.268	48.06	74.0	25.94	Peak	260.00	200	Horizontal	Pass
3**	4201.268	39.23	54.0	14.77	AV	260.00	200	Horizontal	Pass
4	7433.512	54.25	74.0	19.75	Peak	201.00	100	Horizontal	Pass
4**	7433.512	44.22	54.0	9.78	AV	201.00	100	Horizontal	Pass
5	12515.094	53.20	74.0	20.80	Peak	31.00	200	Horizontal	Pass
5**	12515.094	43.23	54.0	10.77	AV	31.00	200	Horizontal	Pass
6	16151.906	53.49	74.0	20.51	Peak	57.00	100	Horizontal	Pass
6**	16151.906	43.89	54.0	10.11	AV	57.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.034	48.77	74.0	25.23	Peak	145.00	400	Vertical	Pass
1**	1162.034	34.11	54.0	19.89	AV	145.00	400	Vertical	Pass
2	1336.482	46.39	74.0	27.61	Peak	212.00	400	Vertical	Pass
2**	1336.482	37.84	54.0	16.16	AV	212.00	400	Vertical	Pass
3	4920.559	47.77	74.0	26.24	Peak	352.00	200	Vertical	Pass
3**	4920.559	38.17	54.0	15.83	AV	352.00	200	Vertical	Pass
4	7933.951	52.52	74.0	21.48	Peak	44.00	100	Vertical	Pass
4**	7933.951	43.43	54.0	10.57	AV	44.00	100	Vertical	Pass
5	12499.535	52.51	74.0	21.50	Peak	135.00	400	Vertical	Pass
5**	12499.535	43.17	54.0	10.83	AV	135.00	400	Vertical	Pass
6	17103.061	53.30	74.0	20.70	Peak	35.00	400	Vertical	Pass
6**	17103.061	43.24	54.0	10.76	AV	35.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.485	40.19	74.0	33.81	Peak	294.00	200	Horizontal	Pass
1**	1508.485	28.52	54.0	25.48	AV	294.00	200	Horizontal	Pass
2	2342.096	38.76	74.0	35.24	Peak	293.00	400	Horizontal	Pass
2**	2342.096	29.70	54.0	24.30	AV	293.00	400	Horizontal	Pass
3	4205.200	48.06	74.0	25.94	Peak	295.00	200	Horizontal	Pass
3**	4205.200	39.46	54.0	14.54	AV	295.00	200	Horizontal	Pass
4	7440.914	54.27	74.0	19.73	Peak	229.00	300	Horizontal	Pass
4**	7440.914	44.10	54.0	9.90	AV	229.00	300	Horizontal	Pass
5	12518.295	52.95	74.0	21.05	Peak	324.00	100	Horizontal	Pass
5**	12518.295	43.32	54.0	10.68	AV	324.00	100	Horizontal	Pass
6	16150.165	53.56	74.0	20.44	Peak	115.00	400	Horizontal	Pass
6**	16150.165	43.75	54.0	10.25	AV	115.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.084	49.49	74.0	24.51	Peak	270.00	300	Vertical	Pass
1**	1156.084	34.33	54.0	19.67	AV	270.00	300	Vertical	Pass
2	1334.434	46.53	74.0	27.47	Peak	292.00	400	Vertical	Pass
2**	1334.434	37.99	54.0	16.01	AV	292.00	400	Vertical	Pass
3	4922.423	47.96	74.0	26.05	Peak	155.00	200	Vertical	Pass
3**	4922.423	38.40	54.0	15.60	AV	155.00	200	Vertical	Pass
4	7932.227	52.67	74.0	21.33	Peak	162.00	200	Vertical	Pass
4**	7932.227	43.16	54.0	10.84	AV	162.00	200	Vertical	Pass
5	12496.337	53.09	74.0	20.91	Peak	37.00	300	Vertical	Pass
5**	12496.337	43.41	54.0	10.59	AV	37.00	300	Vertical	Pass
6	17101.091	53.94	74.0	20.06	Peak	204.00	400	Vertical	Pass
6**	17101.091	43.17	54.0	10.83	AV	204.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.588	40.15	74.0	33.85	Peak	345.00	400	Horizontal	Pass
1**	1505.588	27.92	54.0	26.08	AV	345.00	400	Horizontal	Pass
2	2345.140	38.62	74.0	35.39	Peak	216.00	400	Horizontal	Pass
2**	2345.140	29.70	54.0	24.30	AV	216.00	400	Horizontal	Pass
3	4202.366	47.86	74.0	26.14	Peak	112.00	200	Horizontal	Pass
3**	4202.366	38.94	54.0	15.06	AV	112.00	200	Horizontal	Pass
4	7433.521	54.40	74.0	19.60	Peak	226.00	400	Horizontal	Pass
4**	7433.521	43.92	54.0	10.08	AV	226.00	400	Horizontal	Pass
5	12512.734	52.92	74.0	21.08	Peak	54.00	200	Horizontal	Pass
5**	12512.734	42.79	54.0	11.21	AV	54.00	200	Horizontal	Pass
6	16147.945	53.43	74.0	20.57	Peak	45.00	400	Horizontal	Pass
6**	16147.945	43.89	54.0	10.11	AV	45.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.007	49.29	74.0	24.71	Peak	99.00	100	Vertical	Pass
1**	1162.007	34.38	54.0	19.62	AV	99.00	100	Vertical	Pass
2	1336.858	46.18	74.0	27.82	Peak	210.00	300	Vertical	Pass
2**	1336.858	38.00	54.0	16.00	AV	210.00	300	Vertical	Pass
3	4923.186	47.93	74.0	26.07	Peak	275.00	200	Vertical	Pass
3**	4923.186	38.30	54.0	15.70	AV	275.00	200	Vertical	Pass
4	7930.532	52.43	74.0	21.57	Peak	360.00	300	Vertical	Pass
4**	7930.532	43.04	54.0	10.96	AV	360.00	300	Vertical	Pass
5	12496.584	52.66	74.0	21.34	Peak	264.00	300	Vertical	Pass
5**	12496.584	43.08	54.0	10.92	AV	264.00	300	Vertical	Pass
6	17098.783	53.68	74.0	20.32	Peak	318.00	200	Vertical	Pass
6**	17098.783	43.11	54.0	10.89	AV	318.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.980	40.16	74.0	33.84	Peak	104.00	400	Horizontal	Pass
1**	1508.980	28.25	54.0	25.75	AV	104.00	400	Horizontal	Pass
2	2339.133	38.65	74.0	35.35	Peak	65.00	100	Horizontal	Pass
2**	2339.133	29.68	54.0	24.32	AV	65.00	100	Horizontal	Pass
3	4210.067	48.02	74.0	25.98	Peak	118.00	200	Horizontal	Pass
3**	4210.067	39.68	54.0	14.32	AV	118.00	200	Horizontal	Pass
4	7438.737	53.92	74.0	20.08	Peak	172.00	300	Horizontal	Pass
4**	7438.737	44.02	54.0	9.98	AV	172.00	300	Horizontal	Pass
5	12513.353	52.97	74.0	21.03	Peak	82.00	200	Horizontal	Pass
5**	12513.353	43.57	54.0	10.44	AV	82.00	200	Horizontal	Pass
6	16145.981	53.92	74.0	20.08	Peak	33.00	100	Horizontal	Pass
6**	16145.981	43.57	54.0	10.43	AV	33.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.922	47.27	74.0	26.73	Peak	133.00	300	Vertical	Pass
1**	1160.922	37.03	54.0	16.97	AV	133.00	300	Vertical	Pass
2	1339.021	46.94	74.0	27.06	Peak	318.00	400	Vertical	Pass
2**	1339.021	39.11	54.0	14.89	AV	318.00	400	Vertical	Pass
3	4928.288	49.53	74.0	24.47	Peak	109.00	200	Vertical	Pass
3**	4928.288	35.98	54.0	18.02	AV	109.00	200	Vertical	Pass
4	7936.180	50.76	74.0	23.24	Peak	351.00	300	Vertical	Pass
4**	7936.180	45.21	54.0	8.79	AV	351.00	300	Vertical	Pass
5	12491.595	54.56	74.0	19.44	Peak	315.00	200	Vertical	Pass
5**	12491.595	45.46	54.0	8.54	AV	315.00	200	Vertical	Pass
6	17102.183	52.64	74.0	21.36	Peak	211.00	100	Vertical	Pass
6**	17102.183	42.52	54.0	11.48	AV	211.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.566	40.00	74.0	34.00	Peak	25.00	400	Horizontal	Pass
1**	1510.566	28.11	54.0	25.89	AV	25.00	400	Horizontal	Pass
2	2340.555	38.36	74.0	35.64	Peak	19.00	400	Horizontal	Pass
2**	2340.555	29.58	54.0	24.42	AV	19.00	400	Horizontal	Pass
3	4211.104	47.89	74.0	26.11	Peak	146.00	200	Horizontal	Pass
3**	4211.104	39.43	54.0	14.58	AV	146.00	200	Horizontal	Pass
4	7435.878	53.65	74.0	20.36	Peak	153.00	100	Horizontal	Pass
4**	7435.878	43.98	54.0	10.02	AV	153.00	100	Horizontal	Pass
5	12508.945	52.78	74.0	21.22	Peak	130.00	100	Horizontal	Pass
5**	12508.945	43.47	54.0	10.53	AV	130.00	100	Horizontal	Pass
6	16145.188	53.77	74.0	20.23	Peak	155.00	300	Horizontal	Pass
6**	16145.188	43.54	54.0	10.46	AV	155.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.102	47.05	74.0	26.95	Peak	347.00	200	Vertical	Pass
1**	1159.102	36.79	54.0	17.21	AV	347.00	200	Vertical	Pass
2	1336.033	46.73	74.0	27.27	Peak	236.00	100	Vertical	Pass
2**	1336.033	38.82	54.0	15.18	AV	236.00	100	Vertical	Pass
3	4927.844	49.49	74.0	24.51	Peak	302.00	200	Vertical	Pass
3**	4927.844	35.93	54.0	18.07	AV	302.00	200	Vertical	Pass
4	7934.561	50.68	74.0	23.32	Peak	4.00	300	Vertical	Pass
4**	7934.561	44.92	54.0	9.08	AV	4.00	300	Vertical	Pass
5	12490.661	54.51	74.0	19.49	Peak	355.00	100	Vertical	Pass
5**	12490.661	45.37	54.0	8.63	AV	355.00	100	Vertical	Pass
6	17106.576	52.34	74.0	21.66	Peak	308.00	400	Vertical	Pass
6**	17106.576	42.43	54.0	11.57	AV	308.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.266	39.87	74.0	34.13	Peak	162.00	400	Horizontal	Pass
1**	1511.266	28.02	54.0	25.98	AV	162.00	400	Horizontal	Pass
2	2341.932	38.27	74.0	35.73	Peak	284.00	300	Horizontal	Pass
2**	2341.932	29.46	54.0	24.54	AV	284.00	300	Horizontal	Pass
3	4203.685	47.86	74.0	26.14	Peak	254.00	200	Horizontal	Pass
3**	4203.685	39.31	54.0	14.69	AV	254.00	200	Horizontal	Pass
4	7439.276	53.57	74.0	20.43	Peak	231.00	300	Horizontal	Pass
4**	7439.276	43.70	54.0	10.30	AV	231.00	300	Horizontal	Pass
5	12513.425	52.70	74.0	21.30	Peak	29.00	400	Horizontal	Pass
5**	12513.425	43.39	54.0	10.61	AV	29.00	400	Horizontal	Pass
6	16146.739	53.76	74.0	20.24	Peak	50.00	300	Horizontal	Pass
6**	16146.739	43.29	54.0	10.71	AV	50.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.836	46.89	74.0	27.11	Peak	51.00	400	Vertical	Pass
1**	1162.836	36.76	54.0	17.24	AV	51.00	400	Vertical	Pass
2	1338.641	46.68	74.0	27.32	Peak	16.00	300	Vertical	Pass
2**	1338.641	38.77	54.0	15.23	AV	16.00	300	Vertical	Pass
3	4924.263	49.41	74.0	24.59	Peak	167.00	200	Vertical	Pass
3**	4924.263	35.87	54.0	18.13	AV	167.00	200	Vertical	Pass
4	7932.221	50.59	74.0	23.41	Peak	272.00	100	Vertical	Pass
4**	7932.221	44.81	54.0	9.20	AV	272.00	100	Vertical	Pass
5	12493.054	54.48	74.0	19.52	Peak	40.00	400	Vertical	Pass
5**	12493.054	45.19	54.0	8.81	AV	40.00	400	Vertical	Pass
6	17100.399	52.23	74.0	21.77	Peak	36.00	100	Vertical	Pass
6**	17100.399	42.22	54.0	11.78	AV	36.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.526	39.86	74.0	34.14	Peak	54.00	400	Horizontal	Pass
1**	1504.526	27.91	54.0	26.10	AV	54.00	400	Horizontal	Pass
2	2343.465	38.06	74.0	35.94	Peak	51.00	400	Horizontal	Pass
2**	2343.465	29.41	54.0	24.59	AV	51.00	400	Horizontal	Pass
3	4206.477	47.57	74.0	26.43	Peak	99.00	200	Horizontal	Pass
3**	4206.477	39.25	54.0	14.75	AV	99.00	200	Horizontal	Pass
4	7433.919	53.39	74.0	20.61	Peak	323.00	200	Horizontal	Pass
4**	7433.919	43.48	54.0	10.52	AV	323.00	200	Horizontal	Pass
5	12512.705	52.54	74.0	21.46	Peak	159.00	200	Horizontal	Pass
5**	12512.705	43.10	54.0	10.90	AV	159.00	200	Horizontal	Pass
6	16144.375	53.52	74.0	20.48	Peak	139.00	400	Horizontal	Pass
6**	16144.375	43.22	54.0	10.79	AV	139.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.745	46.67	74.0	27.33	Peak	315.00	400	Vertical	Pass
1**	1155.745	36.47	54.0	17.53	AV	315.00	400	Vertical	Pass
2	1336.595	46.41	74.0	27.59	Peak	0.00	400	Vertical	Pass
2**	1336.595	38.48	54.0	15.53	AV	0.00	400	Vertical	Pass
3	4924.760	49.35	74.0	24.65	Peak	155.00	200	Vertical	Pass
3**	4924.760	35.58	54.0	18.43	AV	155.00	200	Vertical	Pass
4	7934.475	50.43	74.0	23.57	Peak	24.00	400	Vertical	Pass
4**	7934.475	44.74	54.0	9.26	AV	24.00	400	Vertical	Pass
5	12495.311	54.29	74.0	19.71	Peak	65.00	300	Vertical	Pass
5**	12495.311	44.98	54.0	9.02	AV	65.00	300	Vertical	Pass
6	17105.307	52.04	74.0	21.96	Peak	223.00	100	Vertical	Pass
6**	17105.307	41.96	54.0	12.04	AV	223.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.428	39.84	74.0	34.16	Peak	60.00	400	Horizontal	Pass
1**	1507.428	27.61	54.0	26.40	AV	60.00	400	Horizontal	Pass
2	2339.336	37.79	74.0	36.21	Peak	203.00	300	Horizontal	Pass
2**	2339.336	29.13	54.0	24.87	AV	203.00	300	Horizontal	Pass
3	4209.396	47.34	74.0	26.66	Peak	360.00	200	Horizontal	Pass
3**	4209.396	39.00	54.0	15.00	AV	360.00	200	Horizontal	Pass
4	7433.812	53.11	74.0	20.89	Peak	245.00	100	Horizontal	Pass
4**	7433.812	43.46	54.0	10.54	AV	245.00	100	Horizontal	Pass
5	12507.947	52.35	74.0	21.65	Peak	14.00	300	Horizontal	Pass
5**	12507.947	42.84	54.0	11.16	AV	14.00	300	Horizontal	Pass
6	16148.008	53.24	74.0	20.76	Peak	248.00	200	Horizontal	Pass
6**	16148.008	42.98	54.0	11.03	AV	248.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.525	46.39	74.0	27.61	Peak	186.00	300	Vertical	Pass
1**	1160.525	36.29	54.0	17.71	AV	186.00	300	Vertical	Pass
2	1338.226	46.25	74.0	27.75	Peak	150.00	200	Vertical	Pass
2**	1338.226	38.36	54.0	15.64	AV	150.00	200	Vertical	Pass
3	4924.535	49.26	74.0	24.75	Peak	187.00	200	Vertical	Pass
3**	4924.535	35.46	54.0	18.54	AV	187.00	200	Vertical	Pass
4	7933.732	50.29	74.0	23.71	Peak	207.00	300	Vertical	Pass
4**	7933.732	44.49	54.0	9.51	AV	207.00	300	Vertical	Pass
5	12493.178	54.04	74.0	19.96	Peak	336.00	300	Vertical	Pass
5**	12493.178	44.89	54.0	9.11	AV	336.00	300	Vertical	Pass
6	17100.242	51.83	74.0	22.17	Peak	279.00	400	Vertical	Pass
6**	17100.242	41.77	54.0	12.23	AV	279.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.207	39.75	74.0	34.25	Peak	122.00	100	Horizontal	Pass
1**	1506.207	27.52	54.0	26.48	AV	122.00	100	Horizontal	Pass
2	2339.164	37.57	74.0	36.43	Peak	226.00	300	Horizontal	Pass
2**	2339.164	29.08	54.0	24.92	AV	226.00	300	Horizontal	Pass
3	4209.210	47.10	74.0	26.90	Peak	192.00	200	Horizontal	Pass
3**	4209.210	38.72	54.0	15.28	AV	192.00	200	Horizontal	Pass
4	7437.875	52.84	74.0	21.16	Peak	352.00	200	Horizontal	Pass
4**	7437.875	43.45	54.0	10.56	AV	352.00	200	Horizontal	Pass
5	12514.041	52.12	74.0	21.88	Peak	150.00	300	Horizontal	Pass
5**	12514.041	42.75	54.0	11.26	AV	150.00	300	Horizontal	Pass
6	16145.519	53.18	74.0	20.82	Peak	223.00	300	Horizontal	Pass
6**	16145.519	42.71	54.0	11.29	AV	223.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.461	46.34	74.0	27.66	Peak	198.00	200	Vertical	Pass
1**	1161.461	36.13	54.0	17.87	AV	198.00	200	Vertical	Pass
2	1335.162	46.06	74.0	27.94	Peak	297.00	300	Vertical	Pass
2**	1335.162	38.26	54.0	15.74	AV	297.00	300	Vertical	Pass
3	4928.767	49.10	74.0	24.90	Peak	141.00	200	Vertical	Pass
3**	4928.767	35.40	54.0	18.60	AV	141.00	200	Vertical	Pass
4	7935.683	50.00	74.0	24.00	Peak	25.00	200	Vertical	Pass
4**	7935.683	44.25	54.0	9.76	AV	25.00	200	Vertical	Pass
5	12495.612	53.81	74.0	20.19	Peak	1.00	300	Vertical	Pass
5**	12495.612	44.82	54.0	9.18	AV	1.00	300	Vertical	Pass
6	17101.656	51.77	74.0	22.23	Peak	171.00	200	Vertical	Pass
6**	17101.656	41.74	54.0	12.26	AV	171.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.824	39.47	74.0	34.53	Peak	258.00	300	Horizontal	Pass
1**	1506.824	27.50	54.0	26.50	AV	258.00	300	Horizontal	Pass
2	2339.162	37.49	74.0	36.51	Peak	119.00	100	Horizontal	Pass
2**	2339.162	28.83	54.0	25.17	AV	119.00	100	Horizontal	Pass
3	4210.601	46.90	74.0	27.10	Peak	344.00	200	Horizontal	Pass
3**	4210.601	38.63	54.0	15.37	AV	344.00	200	Horizontal	Pass
4	7437.330	52.76	74.0	21.25	Peak	55.00	100	Horizontal	Pass
4**	7437.330	43.25	54.0	10.75	AV	55.00	100	Horizontal	Pass
5	12512.455	51.85	74.0	22.15	Peak	313.00	300	Horizontal	Pass
5**	12512.455	42.67	54.0	11.33	AV	313.00	300	Horizontal	Pass
6	16148.796	53.17	74.0	20.84	Peak	332.00	100	Horizontal	Pass
6**	16148.796	42.46	54.0	11.54	AV	332.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.383	46.11	74.0	27.89	Peak	153.00	400	Vertical	Pass
1**	1156.383	35.88	54.0	18.12	AV	153.00	400	Vertical	Pass
2	1338.452	45.91	74.0	28.09	Peak	116.00	100	Vertical	Pass
2**	1338.452	38.25	54.0	15.75	AV	116.00	100	Vertical	Pass
3	4926.172	48.99	74.0	25.01	Peak	73.00	200	Vertical	Pass
3**	4926.172	35.27	54.0	18.73	AV	73.00	200	Vertical	Pass
4	7933.392	49.85	74.0	24.16	Peak	161.00	100	Vertical	Pass
4**	7933.392	44.21	54.0	9.79	AV	161.00	100	Vertical	Pass
5	12493.352	53.81	74.0	20.19	Peak	304.00	300	Vertical	Pass
5**	12493.352	44.82	54.0	9.18	AV	304.00	300	Vertical	Pass
6	17103.275	51.77	74.0	22.24	Peak	133.00	300	Vertical	Pass
6**	17103.275	41.65	54.0	12.36	AV	133.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.217	39.36	74.0	34.64	Peak	53.00	100	Horizontal	Pass
1**	1507.217	27.49	54.0	26.51	AV	53.00	100	Horizontal	Pass
2	2341.895	37.25	74.0	36.75	Peak	269.00	100	Horizontal	Pass
2**	2341.895	28.81	54.0	25.19	AV	269.00	100	Horizontal	Pass
3	4208.139	46.78	74.0	27.22	Peak	68.00	200	Horizontal	Pass
3**	4208.139	38.47	54.0	15.53	AV	68.00	200	Horizontal	Pass
4	7441.063	52.56	74.0	21.44	Peak	119.00	100	Horizontal	Pass
4**	7441.063	43.23	54.0	10.77	AV	119.00	100	Horizontal	Pass
5	12511.679	51.68	74.0	22.32	Peak	83.00	200	Horizontal	Pass
5**	12511.679	42.39	54.0	11.61	AV	83.00	200	Horizontal	Pass
6	16147.721	53.10	74.0	20.90	Peak	68.00	400	Horizontal	Pass
6**	16147.721	42.38	54.0	11.63	AV	68.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.587	46.08	74.0	27.92	Peak	223.00	100	Vertical	Pass
1**	1155.587	35.69	54.0	18.31	AV	223.00	100	Vertical	Pass
2	1333.750	45.86	74.0	28.14	Peak	285.00	100	Vertical	Pass
2**	1333.750	38.11	54.0	15.89	AV	285.00	100	Vertical	Pass
3	4928.619	48.75	74.0	25.25	Peak	4.00	200	Vertical	Pass
3**	4928.619	35.26	54.0	18.75	AV	4.00	200	Vertical	Pass
4	7932.135	49.56	74.0	24.44	Peak	292.00	100	Vertical	Pass
4**	7932.135	44.10	54.0	9.90	AV	292.00	100	Vertical	Pass
5	12489.639	53.68	74.0	20.33	Peak	326.00	300	Vertical	Pass
5**	12489.639	44.74	54.0	9.26	AV	326.00	300	Vertical	Pass
6	17103.129	51.59	74.0	22.41	Peak	11.00	300	Vertical	Pass
6**	17103.129	41.64	54.0	12.36	AV	11.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.611	39.26	74.0	34.74	Peak	29.00	100	Horizontal	Pass
1**	1505.611	27.33	54.0	26.68	AV	29.00	100	Horizontal	Pass
2	2339.261	37.12	74.0	36.88	Peak	337.00	100	Horizontal	Pass
2**	2339.261	28.68	54.0	25.32	AV	337.00	100	Horizontal	Pass
3	4209.935	46.65	74.0	27.35	Peak	240.00	200	Horizontal	Pass
3**	4209.935	38.34	54.0	15.67	AV	240.00	200	Horizontal	Pass
4	7438.964	52.28	74.0	21.72	Peak	229.00	300	Horizontal	Pass
4**	7438.964	42.98	54.0	11.02	AV	229.00	300	Horizontal	Pass
5	12513.454	51.39	74.0	22.61	Peak	176.00	100	Horizontal	Pass
5**	12513.454	42.30	54.0	11.70	AV	176.00	100	Horizontal	Pass
6	16149.517	53.03	74.0	20.97	Peak	224.00	200	Horizontal	Pass
6**	16149.517	42.17	54.0	11.83	AV	224.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.516	45.87	74.0	28.13	Peak	46.00	400	Vertical	Pass
1**	1161.516	35.53	54.0	18.47	AV	46.00	400	Vertical	Pass
2	1336.435	45.66	74.0	28.34	Peak	231.00	400	Vertical	Pass
2**	1336.435	37.99	54.0	16.01	AV	231.00	400	Vertical	Pass
3	4929.423	48.71	74.0	25.29	Peak	92.00	200	Vertical	Pass
3**	4929.423	34.98	54.0	19.02	AV	92.00	200	Vertical	Pass
4	7934.271	49.48	74.0	24.52	Peak	216.00	200	Vertical	Pass
4**	7934.271	43.86	54.0	10.14	AV	216.00	200	Vertical	Pass
5	12489.426	53.51	74.0	20.49	Peak	203.00	300	Vertical	Pass
5**	12489.426	44.49	54.0	9.51	AV	203.00	300	Vertical	Pass
6	17101.558	51.42	74.0	22.58	Peak	296.00	200	Vertical	Pass
6**	17101.558	41.49	54.0	12.51	AV	296.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.039	39.86	74.0	34.14	Peak	30.00	400	Horizontal	Pass
1**	1504.039	28.13	54.0	25.87	AV	30.00	400	Horizontal	Pass
2	2344.764	38.60	74.0	35.40	Peak	48.00	400	Horizontal	Pass
2**	2344.764	29.54	54.0	24.46	AV	48.00	400	Horizontal	Pass
3	4210.941	47.76	74.0	26.24	Peak	120.00	200	Horizontal	Pass
3**	4210.941	39.53	54.0	14.47	AV	120.00	200	Horizontal	Pass
4	7435.489	53.83	74.0	20.18	Peak	264.00	400	Horizontal	Pass
4**	7435.489	43.89	54.0	10.11	AV	264.00	400	Horizontal	Pass
5	12515.237	52.70	74.0	21.30	Peak	15.00	100	Horizontal	Pass
5**	12515.237	43.42	54.0	10.58	AV	15.00	100	Horizontal	Pass
6	16147.686	53.78	74.0	20.22	Peak	146.00	300	Horizontal	Pass
6**	16147.686	43.56	54.0	10.45	AV	146.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.679	47.02	74.0	26.98	Peak	265.00	200	Vertical	Pass
1**	1155.679	36.99	54.0	17.01	AV	265.00	200	Vertical	Pass
2	1332.484	46.73	74.0	27.27	Peak	130.00	200	Vertical	Pass
2**	1332.484	39.09	54.0	14.91	AV	130.00	200	Vertical	Pass
3	4927.596	49.30	74.0	24.70	Peak	293.00	200	Vertical	Pass
3**	4927.596	35.85	54.0	18.16	AV	293.00	200	Vertical	Pass
4	7931.266	50.72	74.0	23.28	Peak	214.00	100	Vertical	Pass
4**	7931.266	44.94	54.0	9.06	AV	214.00	100	Vertical	Pass
5	12496.090	54.50	74.0	19.51	Peak	86.00	300	Vertical	Pass
5**	12496.090	45.44	54.0	8.56	AV	86.00	300	Vertical	Pass
6	17100.423	52.45	74.0	21.55	Peak	110.00	400	Vertical	Pass
6**	17100.423	42.50	54.0	11.51	AV	110.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.300	39.88	74.0	34.12	Peak	308.00	400	Horizontal	Pass
1**	1505.300	28.00	54.0	26.00	AV	308.00	400	Horizontal	Pass
2	2341.390	38.13	74.0	35.87	Peak	245.00	100	Horizontal	Pass
2**	2341.390	29.51	54.0	24.49	AV	245.00	100	Horizontal	Pass
3	4204.806	47.72	74.0	26.28	Peak	192.00	200	Horizontal	Pass
3**	4204.806	39.16	54.0	14.84	AV	192.00	200	Horizontal	Pass
4	7440.256	53.55	74.0	20.45	Peak	26.00	400	Horizontal	Pass
4**	7440.256	43.79	54.0	10.21	AV	26.00	400	Horizontal	Pass
5	12510.491	52.62	74.0	21.38	Peak	196.00	200	Horizontal	Pass
5**	12510.491	43.20	54.0	10.80	AV	196.00	200	Horizontal	Pass
6	16147.432	53.70	74.0	20.30	Peak	27.00	100	Horizontal	Pass
6**	16147.432	43.33	54.0	10.67	AV	27.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.601	46.87	74.0	27.13	Peak	162.00	100	Vertical	Pass
1**	1158.601	36.98	54.0	17.02	AV	162.00	100	Vertical	Pass
2	1333.712	46.73	74.0	27.27	Peak	99.00	400	Vertical	Pass
2**	1333.712	39.06	54.0	14.94	AV	99.00	400	Vertical	Pass
3	4923.509	49.01	74.0	24.99	Peak	191.00	200	Vertical	Pass
3**	4923.509	35.68	54.0	18.32	AV	191.00	200	Vertical	Pass
4	7931.559	50.70	74.0	23.30	Peak	27.00	300	Vertical	Pass
4**	7931.559	44.74	54.0	9.27	AV	27.00	300	Vertical	Pass
5	12496.332	54.41	74.0	19.59	Peak	12.00	200	Vertical	Pass
5**	12496.332	45.43	54.0	8.57	AV	12.00	200	Vertical	Pass
6	17101.961	52.20	74.0	21.80	Peak	6.00	400	Vertical	Pass
6**	17101.961	42.34	54.0	11.66	AV	6.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.722	39.71	74.0	34.30	Peak	282.00	400	Horizontal	Pass
1**	1506.722	27.95	54.0	26.05	AV	282.00	400	Horizontal	Pass
2	2344.612	38.02	74.0	35.98	Peak	176.00	100	Horizontal	Pass
2**	2344.612	29.25	54.0	24.75	AV	176.00	100	Horizontal	Pass
3	4205.575	47.68	74.0	26.32	Peak	241.00	200	Horizontal	Pass
3**	4205.575	39.15	54.0	14.85	AV	241.00	200	Horizontal	Pass
4	7437.665	53.54	74.0	20.46	Peak	78.00	100	Horizontal	Pass
4**	7437.665	43.57	54.0	10.43	AV	78.00	100	Horizontal	Pass
5	12514.700	52.40	74.0	21.60	Peak	255.00	100	Horizontal	Pass
5**	12514.700	42.94	54.0	11.06	AV	255.00	100	Horizontal	Pass
6	16144.510	53.62	74.0	20.38	Peak	87.00	200	Horizontal	Pass
6**	16144.510	43.09	54.0	10.91	AV	87.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.367	46.70	74.0	27.30	Peak	279.00	200	Vertical	Pass
1**	1157.367	36.73	54.0	17.27	AV	279.00	200	Vertical	Pass
2	1334.826	46.54	74.0	27.46	Peak	298.00	200	Vertical	Pass
2**	1334.826	39.01	54.0	14.99	AV	298.00	200	Vertical	Pass
3	4929.667	48.78	74.0	25.22	Peak	108.00	200	Vertical	Pass
3**	4929.667	35.50	54.0	18.50	AV	108.00	200	Vertical	Pass
4	7936.750	50.65	74.0	23.35	Peak	354.00	200	Vertical	Pass
4**	7936.750	44.54	54.0	9.46	AV	354.00	200	Vertical	Pass
5	12494.542	54.33	74.0	19.67	Peak	104.00	400	Vertical	Pass
5**	12494.542	45.39	54.0	8.62	AV	104.00	400	Vertical	Pass
6	17105.471	52.18	74.0	21.83	Peak	42.00	300	Vertical	Pass
6**	17105.471	42.20	54.0	11.80	AV	42.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.483	39.54	74.0	34.46	Peak	289.00	100	Horizontal	Pass
1**	1511.483	27.94	54.0	26.06	AV	289.00	100	Horizontal	Pass
2	2339.150	37.74	74.0	36.27	Peak	123.00	200	Horizontal	Pass
2**	2339.150	28.97	54.0	25.03	AV	123.00	200	Horizontal	Pass
3	4208.725	47.48	74.0	26.52	Peak	248.00	200	Horizontal	Pass
3**	4208.725	39.05	54.0	14.96	AV	248.00	200	Horizontal	Pass
4	7437.419	53.39	74.0	20.62	Peak	311.00	100	Horizontal	Pass
4**	7437.419	43.45	54.0	10.55	AV	311.00	100	Horizontal	Pass
5	12509.544	52.26	74.0	21.74	Peak	226.00	300	Horizontal	Pass
5**	12509.544	42.88	54.0	11.13	AV	226.00	300	Horizontal	Pass
6	16146.701	53.49	74.0	20.51	Peak	30.00	100	Horizontal	Pass
6**	16146.701	42.98	54.0	11.02	AV	30.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.288	46.45	74.0	27.55	Peak	173.00	100	Vertical	Pass
1**	1159.288	36.51	54.0	17.49	AV	173.00	100	Vertical	Pass
2	1333.094	46.32	74.0	27.68	Peak	193.00	200	Vertical	Pass
2**	1333.094	38.72	54.0	15.28	AV	193.00	200	Vertical	Pass
3	4928.398	48.59	74.0	25.41	Peak	323.00	200	Vertical	Pass
3**	4928.398	35.30	54.0	18.71	AV	323.00	200	Vertical	Pass
4	7938.705	50.50	74.0	23.50	Peak	333.00	200	Vertical	Pass
4**	7938.705	44.35	54.0	9.65	AV	333.00	200	Vertical	Pass
5	12490.198	54.31	74.0	19.69	Peak	130.00	100	Vertical	Pass
5**	12490.198	45.35	54.0	8.65	AV	130.00	100	Vertical	Pass
6	17102.500	52.16	74.0	21.84	Peak	11.00	100	Vertical	Pass
6**	17102.500	42.08	54.0	11.92	AV	11.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.791	39.29	74.0	34.71	Peak	225.00	300	Horizontal	Pass
1**	1508.791	27.91	54.0	26.09	AV	225.00	300	Horizontal	Pass
2	2338.217	37.67	74.0	36.33	Peak	282.00	400	Horizontal	Pass
2**	2338.217	28.81	54.0	25.19	AV	282.00	400	Horizontal	Pass
3	4210.226	47.42	74.0	26.59	Peak	323.00	200	Horizontal	Pass
3**	4210.226	38.87	54.0	15.13	AV	323.00	200	Horizontal	Pass
4	7436.883	53.14	74.0	20.86	Peak	12.00	200	Horizontal	Pass
4**	7436.883	43.40	54.0	10.60	AV	12.00	200	Horizontal	Pass
5	12514.022	52.05	74.0	21.95	Peak	254.00	200	Horizontal	Pass
5**	12514.022	42.69	54.0	11.31	AV	254.00	200	Horizontal	Pass
6	16142.858	53.35	74.0	20.65	Peak	233.00	300	Horizontal	Pass
6**	16142.858	42.87	54.0	11.13	AV	233.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.799	47.05	74.0	26.96	Peak	346.00	200	Vertical	Pass
1**	1161.799	36.75	54.0	17.25	AV	346.00	200	Vertical	Pass
2	1334.495	46.89	74.0	27.11	Peak	105.00	200	Vertical	Pass
2**	1334.495	38.82	54.0	15.18	AV	105.00	200	Vertical	Pass
3	4928.402	49.33	74.0	24.67	Peak	322.00	200	Vertical	Pass
3**	4928.402	35.89	54.0	18.11	AV	322.00	200	Vertical	Pass
4	7931.839	50.61	74.0	23.40	Peak	53.00	300	Vertical	Pass
4**	7931.839	45.02	54.0	8.98	AV	53.00	300	Vertical	Pass
5	12492.219	54.47	74.0	19.53	Peak	328.00	200	Vertical	Pass
5**	12492.219	45.27	54.0	8.73	AV	328.00	200	Vertical	Pass
6	17100.978	52.40	74.0	21.60	Peak	8.00	400	Vertical	Pass
6**	17100.978	42.44	54.0	11.56	AV	8.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.942	40.10	74.0	33.90	Peak	286.00	400	Horizontal	Pass
1**	1509.942	28.05	54.0	25.95	AV	286.00	400	Horizontal	Pass
2	2342.609	38.47	74.0	35.53	Peak	55.00	400	Horizontal	Pass
2**	2342.609	29.56	54.0	24.44	AV	55.00	400	Horizontal	Pass
3	4209.078	47.87	74.0	26.13	Peak	215.00	200	Horizontal	Pass
3**	4209.078	39.59	54.0	14.41	AV	215.00	200	Horizontal	Pass
4	7437.504	53.70	74.0	20.30	Peak	156.00	100	Horizontal	Pass
4**	7437.504	43.89	54.0	10.11	AV	156.00	100	Horizontal	Pass
5	12513.818	52.95	74.0	21.05	Peak	3.00	100	Horizontal	Pass
5**	12513.818	43.48	54.0	10.52	AV	3.00	100	Horizontal	Pass
6	16145.667	53.69	74.0	20.31	Peak	36.00	100	Horizontal	Pass
6**	16145.667	43.35	54.0	10.65	AV	36.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.576	47.13	74.0	26.87	Peak	336.00	300	Vertical	Pass
1**	1161.576	36.79	54.0	17.21	AV	336.00	300	Vertical	Pass
2	1331.408	46.73	74.0	27.27	Peak	4.00	400	Vertical	Pass
2**	1331.408	39.08	54.0	14.92	AV	4.00	400	Vertical	Pass
3	4926.082	49.24	74.0	24.76	Peak	18.00	200	Vertical	Pass
3**	4926.082	35.77	54.0	18.23	AV	18.00	200	Vertical	Pass
4	7935.627	50.71	74.0	23.29	Peak	155.00	400	Vertical	Pass
4**	7935.627	45.01	54.0	8.99	AV	155.00	400	Vertical	Pass
5	12493.719	54.48	74.0	19.52	Peak	86.00	200	Vertical	Pass
5**	12493.719	45.34	54.0	8.66	AV	86.00	200	Vertical	Pass
6	17103.952	52.37	74.0	21.63	Peak	317.00	300	Vertical	Pass
6**	17103.952	42.46	54.0	11.54	AV	317.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.458	39.99	74.0	34.02	Peak	346.00	200	Horizontal	Pass
1**	1505.458	27.92	54.0	26.09	AV	346.00	200	Horizontal	Pass
2	2341.132	38.08	74.0	35.92	Peak	292.00	300	Horizontal	Pass
2**	2341.132	29.31	54.0	24.69	AV	292.00	300	Horizontal	Pass
3	4209.289	47.73	74.0	26.27	Peak	211.00	200	Horizontal	Pass
3**	4209.289	39.26	54.0	14.74	AV	211.00	200	Horizontal	Pass
4	7436.683	53.35	74.0	20.65	Peak	274.00	100	Horizontal	Pass
4**	7436.683	43.88	54.0	10.12	AV	274.00	100	Horizontal	Pass
5	12511.588	52.72	74.0	21.28	Peak	65.00	200	Horizontal	Pass
5**	12511.588	43.36	54.0	10.64	AV	65.00	200	Horizontal	Pass
6	16147.562	53.64	74.0	20.36	Peak	76.00	200	Horizontal	Pass
6**	16147.562	43.40	54.0	10.61	AV	76.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.112	46.98	74.0	27.02	Peak	35.00	100	Vertical	Pass
1**	1160.112	36.72	54.0	17.29	AV	35.00	100	Vertical	Pass
2	1333.669	46.72	74.0	27.28	Peak	165.00	200	Vertical	Pass
2**	1333.669	38.61	54.0	15.39	AV	165.00	200	Vertical	Pass
3	4923.633	49.27	74.0	24.73	Peak	134.00	200	Vertical	Pass
3**	4923.633	35.71	54.0	18.29	AV	134.00	200	Vertical	Pass
4	7933.680	50.59	74.0	23.41	Peak	348.00	200	Vertical	Pass
4**	7933.680	44.73	54.0	9.27	AV	348.00	200	Vertical	Pass
5	12495.078	54.31	74.0	19.69	Peak	301.00	100	Vertical	Pass
5**	12495.078	45.11	54.0	8.89	AV	301.00	100	Vertical	Pass
6	17104.201	52.28	74.0	21.72	Peak	251.00	400	Vertical	Pass
6**	17104.201	42.36	54.0	11.64	AV	251.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.758	39.61	74.0	34.39	Peak	128.00	400	Horizontal	Pass
1**	1503.758	27.91	54.0	26.09	AV	128.00	400	Horizontal	Pass
2	2338.670	38.21	74.0	35.79	Peak	214.00	200	Horizontal	Pass
2**	2338.670	29.35	54.0	24.65	AV	214.00	200	Horizontal	Pass
3	4206.164	47.59	74.0	26.41	Peak	235.00	200	Horizontal	Pass
3**	4206.164	39.07	54.0	14.93	AV	235.00	200	Horizontal	Pass
4	7433.601	53.29	74.0	20.71	Peak	95.00	300	Horizontal	Pass
4**	7433.601	43.70	54.0	10.30	AV	95.00	300	Horizontal	Pass
5	12515.311	52.57	74.0	21.44	Peak	321.00	400	Horizontal	Pass
5**	12515.311	43.36	54.0	10.64	AV	321.00	400	Horizontal	Pass
6	16145.957	53.46	74.0	20.54	Peak	336.00	300	Horizontal	Pass
6**	16145.957	43.15	54.0	10.85	AV	336.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.967	46.84	74.0	27.16	Peak	186.00	400	Vertical	Pass
1**	1160.967	36.55	54.0	17.46	AV	186.00	400	Vertical	Pass
2	1337.149	46.62	74.0	27.38	Peak	294.00	300	Vertical	Pass
2**	1337.149	38.61	54.0	15.39	AV	294.00	300	Vertical	Pass
3	4930.164	49.14	74.0	24.87	Peak	290.00	200	Vertical	Pass
3**	4930.164	35.82	54.0	18.19	AV	290.00	200	Vertical	Pass
4	7936.202	50.34	74.0	23.66	Peak	102.00	400	Vertical	Pass
4**	7936.202	44.61	54.0	9.39	AV	102.00	400	Vertical	Pass
5	12489.668	54.25	74.0	19.75	Peak	169.00	200	Vertical	Pass
5**	12489.668	45.01	54.0	8.99	AV	169.00	200	Vertical	Pass
6	17100.314	52.05	74.0	21.96	Peak	139.00	400	Vertical	Pass
6**	17100.314	41.98	54.0	12.02	AV	139.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.513	39.66	74.0	34.35	Peak	103.00	400	Horizontal	Pass
1**	1506.513	28.39	54.0	25.61	AV	103.00	400	Horizontal	Pass
2	2345.475	38.67	74.0	35.33	Peak	350.00	300	Horizontal	Pass
2**	2345.475	29.94	54.0	24.07	AV	350.00	300	Horizontal	Pass
3	4206.261	47.66	74.0	26.34	Peak	318.00	200	Horizontal	Pass
3**	4206.261	39.63	54.0	14.37	AV	318.00	200	Horizontal	Pass
4	7437.011	53.35	74.0	20.65	Peak	247.00	300	Horizontal	Pass
4**	7437.011	43.63	54.0	10.37	AV	247.00	300	Horizontal	Pass
5	12505.899	52.72	74.0	21.28	Peak	23.00	400	Horizontal	Pass
5**	12505.899	43.32	54.0	10.68	AV	23.00	400	Horizontal	Pass
6	16143.162	53.72	74.0	20.28	Peak	345.00	300	Horizontal	Pass
6**	16143.162	43.32	54.0	10.68	AV	345.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.484	50.32	74.0	23.68	Peak	59.00	200	Vertical	Pass
1**	1161.484	31.90	54.0	22.10	AV	59.00	200	Vertical	Pass
2	1336.035	49.16	74.0	24.84	Peak	98.00	200	Vertical	Pass
2**	1336.035	36.08	54.0	17.92	AV	98.00	200	Vertical	Pass
3	4929.843	50.16	74.0	23.84	Peak	315.00	200	Vertical	Pass
3**	4929.843	38.14	54.0	15.86	AV	315.00	200	Vertical	Pass
4	7936.025	49.98	74.0	24.02	Peak	188.00	100	Vertical	Pass
4**	7936.025	41.08	54.0	12.92	AV	188.00	100	Vertical	Pass
5	12496.123	55.35	74.0	18.65	Peak	124.00	400	Vertical	Pass
5**	12496.123	43.74	54.0	10.26	AV	124.00	400	Vertical	Pass
6	17102.038	56.38	74.0	17.62	Peak	62.00	300	Vertical	Pass
6**	17102.038	44.77	54.0	9.24	AV	62.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.763	39.37	74.0	34.63	Peak	67.00	400	Horizontal	Pass
1**	1507.763	28.22	54.0	25.78	AV	67.00	400	Horizontal	Pass
2	2345.556	38.44	74.0	35.56	Peak	54.00	200	Horizontal	Pass
2**	2345.556	29.76	54.0	24.24	AV	54.00	200	Horizontal	Pass
3	4208.476	47.49	74.0	26.51	Peak	324.00	200	Horizontal	Pass
3**	4208.476	39.43	54.0	14.57	AV	324.00	200	Horizontal	Pass
4	7434.818	53.19	74.0	20.81	Peak	318.00	300	Horizontal	Pass
4**	7434.818	43.48	54.0	10.52	AV	318.00	300	Horizontal	Pass
5	12512.425	52.47	74.0	21.53	Peak	20.00	300	Horizontal	Pass
5**	12512.425	43.07	54.0	10.94	AV	20.00	300	Horizontal	Pass
6	16149.510	53.71	74.0	20.29	Peak	280.00	400	Horizontal	Pass
6**	16149.510	43.14	54.0	10.86	AV	280.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.080	50.05	74.0	23.95	Peak	91.00	400	Vertical	Pass
1**	1156.080	31.66	54.0	22.34	AV	91.00	400	Vertical	Pass
2	1337.523	49.01	74.0	24.99	Peak	17.00	200	Vertical	Pass
2**	1337.523	35.96	54.0	18.04	AV	17.00	200	Vertical	Pass
3	4926.581	50.12	74.0	23.88	Peak	338.00	200	Vertical	Pass
3**	4926.581	37.99	54.0	16.01	AV	338.00	200	Vertical	Pass
4	7942.424	49.70	74.0	24.30	Peak	279.00	400	Vertical	Pass
4**	7942.424	41.01	54.0	13.00	AV	279.00	400	Vertical	Pass
5	12490.445	55.33	74.0	18.68	Peak	360.00	400	Vertical	Pass
5**	12490.445	43.74	54.0	10.26	AV	360.00	400	Vertical	Pass
6	17099.309	56.21	74.0	17.79	Peak	325.00	300	Vertical	Pass
6**	17099.309	44.73	54.0	9.27	AV	325.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.386	39.25	74.0	34.75	Peak	82.00	100	Horizontal	Pass
1**	1510.386	27.93	54.0	26.07	AV	82.00	100	Horizontal	Pass
2	2344.025	38.15	74.0	35.85	Peak	40.00	200	Horizontal	Pass
2**	2344.025	29.72	54.0	24.28	AV	40.00	200	Horizontal	Pass
3	4205.843	47.45	74.0	26.56	Peak	76.00	200	Horizontal	Pass
3**	4205.843	39.15	54.0	14.85	AV	76.00	200	Horizontal	Pass
4	7435.208	53.06	74.0	20.95	Peak	278.00	300	Horizontal	Pass
4**	7435.208	43.28	54.0	10.73	AV	278.00	300	Horizontal	Pass
5	12508.858	52.30	74.0	21.70	Peak	252.00	200	Horizontal	Pass
5**	12508.858	42.98	54.0	11.03	AV	252.00	200	Horizontal	Pass
6	16147.849	53.70	74.0	20.30	Peak	53.00	400	Horizontal	Pass
6**	16147.849	43.04	54.0	10.96	AV	53.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.264	49.78	74.0	24.22	Peak	357.00	400	Vertical	Pass
1**	1157.264	31.49	54.0	22.51	AV	357.00	400	Vertical	Pass
2	1334.914	48.81	74.0	25.19	Peak	175.00	200	Vertical	Pass
2**	1334.914	35.71	54.0	18.29	AV	175.00	200	Vertical	Pass
3	4926.557	50.08	74.0	23.92	Peak	61.00	200	Vertical	Pass
3**	4926.557	37.90	54.0	16.10	AV	61.00	200	Vertical	Pass
4	7935.051	49.49	74.0	24.51	Peak	13.00	300	Vertical	Pass
4**	7935.051	40.89	54.0	13.11	AV	13.00	300	Vertical	Pass
5	12489.359	55.22	74.0	18.78	Peak	101.00	200	Vertical	Pass
5**	12489.359	43.71	54.0	10.29	AV	101.00	200	Vertical	Pass
6	17101.001	56.07	74.0	17.93	Peak	123.00	400	Vertical	Pass
6**	17101.001	44.45	54.0	9.55	AV	123.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.111	39.03	74.0	34.97	Peak	107.00	100	Horizontal	Pass
1**	1509.111	27.86	54.0	26.14	AV	107.00	100	Horizontal	Pass
2	2344.038	37.92	74.0	36.09	Peak	287.00	300	Horizontal	Pass
2**	2344.038	29.61	54.0	24.39	AV	287.00	300	Horizontal	Pass
3	4204.970	47.19	74.0	26.81	Peak	45.00	200	Horizontal	Pass
3**	4204.970	38.86	54.0	15.14	AV	45.00	200	Horizontal	Pass
4	7440.883	52.96	74.0	21.05	Peak	34.00	200	Horizontal	Pass
4**	7440.883	42.98	54.0	11.03	AV	34.00	200	Horizontal	Pass
5	12512.438	52.01	74.0	21.99	Peak	175.00	300	Horizontal	Pass
5**	12512.438	42.88	54.0	11.12	AV	175.00	300	Horizontal	Pass
6	16142.822	53.63	74.0	20.37	Peak	170.00	300	Horizontal	Pass
6**	16142.822	42.98	54.0	11.02	AV	170.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.892	49.56	74.0	24.44	Peak	23.00	300	Vertical	Pass
1**	1155.892	31.30	54.0	22.70	AV	23.00	300	Vertical	Pass
2	1332.352	48.53	74.0	25.47	Peak	159.00	300	Vertical	Pass
2**	1332.352	35.59	54.0	18.41	AV	159.00	300	Vertical	Pass
3	4931.963	50.01	74.0	23.99	Peak	308.00	200	Vertical	Pass
3**	4931.963	37.61	54.0	16.39	AV	308.00	200	Vertical	Pass
4	7939.844	49.27	74.0	24.73	Peak	61.00	300	Vertical	Pass
4**	7939.844	40.79	54.0	13.21	AV	61.00	300	Vertical	Pass
5	12491.172	55.14	74.0	18.86	Peak	164.00	200	Vertical	Pass
5**	12491.172	43.42	54.0	10.58	AV	164.00	200	Vertical	Pass
6	17103.124	55.83	74.0	18.17	Peak	177.00	100	Vertical	Pass
6**	17103.124	44.16	54.0	9.84	AV	177.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.229	38.90	74.0	35.10	Peak	28.00	100	Horizontal	Pass
1**	1504.229	27.59	54.0	26.41	AV	28.00	100	Horizontal	Pass
2	2340.567	37.69	74.0	36.32	Peak	201.00	300	Horizontal	Pass
2**	2340.567	29.39	54.0	24.61	AV	201.00	300	Horizontal	Pass
3	4205.476	46.97	74.0	27.03	Peak	195.00	200	Horizontal	Pass
3**	4205.476	38.74	54.0	15.26	AV	195.00	200	Horizontal	Pass
4	7437.354	52.90	74.0	21.10	Peak	260.00	200	Horizontal	Pass
4**	7437.354	42.91	54.0	11.09	AV	260.00	200	Horizontal	Pass
5	12508.205	51.76	74.0	22.24	Peak	147.00	100	Horizontal	Pass
5**	12508.205	42.82	54.0	11.18	AV	147.00	100	Horizontal	Pass
6	16142.945	53.38	74.0	20.63	Peak	307.00	200	Horizontal	Pass
6**	16142.945	42.87	54.0	11.13	AV	307.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.747	49.34	74.0	24.67	Peak	80.00	400	Vertical	Pass
1**	1161.747	31.25	54.0	22.75	AV	80.00	400	Vertical	Pass
2	1333.573	48.42	74.0	25.58	Peak	271.00	100	Vertical	Pass
2**	1333.573	35.30	54.0	18.70	AV	271.00	100	Vertical	Pass
3	4931.741	49.74	74.0	24.26	Peak	277.00	200	Vertical	Pass
3**	4931.741	37.55	54.0	16.45	AV	277.00	200	Vertical	Pass
4	7935.032	49.26	74.0	24.74	Peak	286.00	100	Vertical	Pass
4**	7935.032	40.56	54.0	13.44	AV	286.00	100	Vertical	Pass
5	12497.077	55.01	74.0	18.99	Peak	125.00	300	Vertical	Pass
5**	12497.077	43.25	54.0	10.75	AV	125.00	300	Vertical	Pass
6	17101.930	55.63	74.0	18.37	Peak	141.00	100	Vertical	Pass
6**	17101.930	43.90	54.0	10.10	AV	141.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.491	38.77	74.0	35.23	Peak	28.00	100	Horizontal	Pass
1**	1505.491	27.37	54.0	26.63	AV	28.00	100	Horizontal	Pass
2	2341.492	37.66	74.0	36.34	Peak	323.00	100	Horizontal	Pass
2**	2341.492	29.26	54.0	24.74	AV	323.00	100	Horizontal	Pass
3	4210.233	46.88	74.0	27.12	Peak	34.00	200	Horizontal	Pass
3**	4210.233	38.46	54.0	15.54	AV	34.00	200	Horizontal	Pass
4	7440.128	52.62	74.0	21.38	Peak	197.00	100	Horizontal	Pass
4**	7440.128	42.67	54.0	11.33	AV	197.00	100	Horizontal	Pass
5	12506.885	51.55	74.0	22.45	Peak	32.00	300	Horizontal	Pass
5**	12506.885	42.63	54.0	11.37	AV	32.00	300	Horizontal	Pass
6	16142.383	53.17	74.0	20.83	Peak	333.00	100	Horizontal	Pass
6**	16142.383	42.80	54.0	11.20	AV	333.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.542	49.28	74.0	24.72	Peak	115.00	200	Vertical	Pass
1**	1162.542	31.05	54.0	22.95	AV	115.00	200	Vertical	Pass
2	1331.606	48.39	74.0	25.62	Peak	231.00	300	Vertical	Pass
2**	1331.606	35.04	54.0	18.96	AV	231.00	300	Vertical	Pass
3	4927.453	49.56	74.0	24.44	Peak	36.00	200	Vertical	Pass
3**	4927.453	37.29	54.0	16.71	AV	36.00	200	Vertical	Pass
4	7938.381	49.14	74.0	24.86	Peak	197.00	400	Vertical	Pass
4**	7938.381	40.38	54.0	13.62	AV	197.00	400	Vertical	Pass
5	12491.748	54.95	74.0	19.05	Peak	298.00	200	Vertical	Pass
5**	12491.748	43.10	54.0	10.90	AV	298.00	200	Vertical	Pass
6	17101.335	55.48	74.0	18.52	Peak	187.00	400	Vertical	Pass
6**	17101.335	43.66	54.0	10.34	AV	187.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.428	38.61	74.0	35.39	Peak	153.00	100	Horizontal	Pass
1**	1507.428	27.32	54.0	26.68	AV	153.00	100	Horizontal	Pass
2	2347.971	37.51	74.0	36.49	Peak	163.00	400	Horizontal	Pass
2**	2347.971	28.99	54.0	25.01	AV	163.00	400	Horizontal	Pass
3	4211.280	46.82	74.0	27.18	Peak	241.00	200	Horizontal	Pass
3**	4211.280	38.38	54.0	15.62	AV	241.00	200	Horizontal	Pass
4	7437.024	52.34	74.0	21.66	Peak	85.00	200	Horizontal	Pass
4**	7437.024	42.67	54.0	11.33	AV	85.00	200	Horizontal	Pass
5	12512.488	51.46	74.0	22.54	Peak	109.00	200	Horizontal	Pass
5**	12512.488	42.44	54.0	11.56	AV	109.00	200	Horizontal	Pass
6	16146.313	52.92	74.0	21.09	Peak	276.00	100	Horizontal	Pass
6**	16146.313	42.75	54.0	11.25	AV	276.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.254	49.06	74.0	24.94	Peak	159.00	200	Vertical	Pass
1**	1160.254	31.04	54.0	22.96	AV	159.00	200	Vertical	Pass
2	1330.433	48.24	74.0	25.76	Peak	27.00	100	Vertical	Pass
2**	1330.433	34.82	54.0	19.18	AV	27.00	100	Vertical	Pass
3	4933.083	49.47	74.0	24.53	Peak	213.00	200	Vertical	Pass
3**	4933.083	37.01	54.0	16.99	AV	213.00	200	Vertical	Pass
4	7937.559	48.98	74.0	25.02	Peak	76.00	400	Vertical	Pass
4**	7937.559	40.08	54.0	13.92	AV	76.00	400	Vertical	Pass
5	12492.998	54.94	74.0	19.07	Peak	119.00	100	Vertical	Pass
5**	12492.998	42.92	54.0	11.08	AV	119.00	100	Vertical	Pass
6	17105.810	55.36	74.0	18.64	Peak	170.00	300	Vertical	Pass
6**	17105.810	43.43	54.0	10.57	AV	170.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.507	39.47	74.0	34.53	Peak	318.00	400	Horizontal	Pass
1**	1508.507	28.31	54.0	25.69	AV	318.00	400	Horizontal	Pass
2	2342.584	38.52	74.0	35.48	Peak	73.00	100	Horizontal	Pass
2**	2342.584	29.93	54.0	24.07	AV	73.00	100	Horizontal	Pass
3	4207.293	47.65	74.0	26.35	Peak	314.00	200	Horizontal	Pass
3**	4207.293	39.60	54.0	14.40	AV	314.00	200	Horizontal	Pass
4	7438.641	53.28	74.0	20.72	Peak	69.00	100	Horizontal	Pass
4**	7438.641	43.54	54.0	10.46	AV	69.00	100	Horizontal	Pass
5	12509.168	52.58	74.0	21.42	Peak	297.00	300	Horizontal	Pass
5**	12509.168	43.08	54.0	10.92	AV	297.00	300	Horizontal	Pass
6	16147.553	53.54	74.0	20.46	Peak	322.00	400	Horizontal	Pass
6**	16147.553	43.28	54.0	10.72	AV	322.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.015	50.27	74.0	23.73	Peak	195.00	400	Vertical	Pass
1**	1162.015	31.77	54.0	22.23	AV	195.00	400	Vertical	Pass
2	1331.537	48.88	74.0	25.12	Peak	306.00	300	Vertical	Pass
2**	1331.537	35.96	54.0	18.04	AV	306.00	300	Vertical	Pass
3	4928.986	49.89	74.0	24.11	Peak	252.00	200	Vertical	Pass
3**	4928.986	38.10	54.0	15.90	AV	252.00	200	Vertical	Pass
4	7938.717	49.93	74.0	24.07	Peak	250.00	100	Vertical	Pass
4**	7938.717	40.85	54.0	13.15	AV	250.00	100	Vertical	Pass
5	12491.918	55.11	74.0	18.89	Peak	330.00	300	Vertical	Pass
5**	12491.918	43.60	54.0	10.40	AV	330.00	300	Vertical	Pass
6	17099.073	56.15	74.0	17.85	Peak	307.00	100	Vertical	Pass
6**	17099.073	44.71	54.0	9.29	AV	307.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.863	39.18	74.0	34.82	Peak	192.00	400	Horizontal	Pass
1**	1505.863	28.11	54.0	25.89	AV	192.00	400	Horizontal	Pass
2	2346.939	38.25	74.0	35.75	Peak	92.00	200	Horizontal	Pass
2**	2346.939	29.48	54.0	24.52	AV	92.00	200	Horizontal	Pass
3	4205.452	47.49	74.0	26.51	Peak	22.00	200	Horizontal	Pass
3**	4205.452	39.38	54.0	14.62	AV	22.00	200	Horizontal	Pass
4	7440.312	52.95	74.0	21.05	Peak	39.00	200	Horizontal	Pass
4**	7440.312	43.42	54.0	10.58	AV	39.00	200	Horizontal	Pass
5	12505.211	52.38	74.0	21.63	Peak	326.00	400	Horizontal	Pass
5**	12505.211	42.78	54.0	11.22	AV	326.00	400	Horizontal	Pass
6	16143.294	53.47	74.0	20.53	Peak	98.00	200	Horizontal	Pass
6**	16143.294	43.04	54.0	10.96	AV	98.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.860	49.86	74.0	24.14	Peak	319.00	400	Vertical	Pass
1**	1162.860	31.52	54.0	22.48	AV	319.00	400	Vertical	Pass
2	1334.824	48.94	74.0	25.06	Peak	55.00	100	Vertical	Pass
2**	1334.824	35.86	54.0	18.14	AV	55.00	100	Vertical	Pass
3	4927.814	49.95	74.0	24.05	Peak	147.00	200	Vertical	Pass
3**	4927.814	37.81	54.0	16.19	AV	147.00	200	Vertical	Pass
4	7941.885	49.60	74.0	24.40	Peak	160.00	200	Vertical	Pass
4**	7941.885	40.86	54.0	13.14	AV	160.00	200	Vertical	Pass
5	12490.507	55.16	74.0	18.84	Peak	247.00	200	Vertical	Pass
5**	12490.507	43.53	54.0	10.47	AV	247.00	200	Vertical	Pass
6	17101.917	55.96	74.0	18.04	Peak	127.00	200	Vertical	Pass
6**	17101.917	44.48	54.0	9.52	AV	127.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.102	39.04	74.0	34.96	Peak	191.00	100	Horizontal	Pass
1**	1507.102	27.74	54.0	26.26	AV	191.00	100	Horizontal	Pass
2	2343.478	38.09	74.0	35.91	Peak	191.00	100	Horizontal	Pass
2**	2343.478	29.44	54.0	24.56	AV	191.00	100	Horizontal	Pass
3	4204.167	47.37	74.0	26.63	Peak	319.00	200	Horizontal	Pass
3**	4204.167	39.09	54.0	14.91	AV	319.00	200	Horizontal	Pass
4	7436.652	52.85	74.0	21.15	Peak	227.00	300	Horizontal	Pass
4**	7436.652	43.25	54.0	10.75	AV	227.00	300	Horizontal	Pass
5	12505.062	52.29	74.0	21.71	Peak	111.00	200	Horizontal	Pass
5**	12505.062	42.72	54.0	11.28	AV	111.00	200	Horizontal	Pass
6	16143.253	53.61	74.0	20.39	Peak	144.00	300	Horizontal	Pass
6**	16143.253	42.89	54.0	11.11	AV	144.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.311	49.61	74.0	24.39	Peak	305.00	300	Vertical	Pass
1**	1156.311	31.22	54.0	22.78	AV	305.00	300	Vertical	Pass
2	1337.111	48.67	74.0	25.33	Peak	97.00	100	Vertical	Pass
2**	1337.111	35.62	54.0	18.38	AV	97.00	100	Vertical	Pass
3	4932.275	49.95	74.0	24.05	Peak	34.00	200	Vertical	Pass
3**	4932.275	37.79	54.0	16.21	AV	34.00	200	Vertical	Pass
4	7939.719	49.46	74.0	24.54	Peak	37.00	400	Vertical	Pass
4**	7939.719	40.64	54.0	13.36	AV	37.00	400	Vertical	Pass
5	12493.014	55.01	74.0	18.99	Peak	342.00	200	Vertical	Pass
5**	12493.014	43.47	54.0	10.53	AV	342.00	200	Vertical	Pass
6	17105.791	55.89	74.0	18.11	Peak	171.00	100	Vertical	Pass
6**	17105.791	44.45	54.0	9.55	AV	171.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.992	38.84	74.0	35.16	Peak	157.00	100	Horizontal	Pass
1**	1504.992	27.57	54.0	26.43	AV	157.00	100	Horizontal	Pass
2	2347.102	37.90	74.0	36.10	Peak	143.00	300	Horizontal	Pass
2**	2347.102	29.39	54.0	24.61	AV	143.00	300	Horizontal	Pass
3	4205.142	46.94	74.0	27.06	Peak	276.00	200	Horizontal	Pass
3**	4205.142	38.73	54.0	15.27	AV	276.00	200	Horizontal	Pass
4	7440.625	52.86	74.0	21.15	Peak	84.00	400	Horizontal	Pass
4**	7440.625	42.84	54.0	11.16	AV	84.00	400	Horizontal	Pass
5	12511.369	51.71	74.0	22.29	Peak	277.00	100	Horizontal	Pass
5**	12511.369	42.70	54.0	11.31	AV	277.00	100	Horizontal	Pass
6	16147.695	53.50	74.0	20.50	Peak	284.00	400	Horizontal	Pass
6**	16147.695	42.91	54.0	11.09	AV	284.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.810	49.51	74.0	24.49	Peak	103.00	100	Vertical	Pass
1**	1159.810	31.29	54.0	22.71	AV	103.00	100	Vertical	Pass
2	1332.762	48.25	74.0	25.75	Peak	21.00	200	Vertical	Pass
2**	1332.762	35.49	54.0	18.51	AV	21.00	200	Vertical	Pass
3	4933.294	49.78	74.0	24.22	Peak	55.00	200	Vertical	Pass
3**	4933.294	37.32	54.0	16.68	AV	55.00	200	Vertical	Pass
4	7939.593	48.98	74.0	25.02	Peak	235.00	400	Vertical	Pass
4**	7939.593	40.64	54.0	13.36	AV	235.00	400	Vertical	Pass
5	12494.255	55.06	74.0	18.94	Peak	336.00	200	Vertical	Pass
5**	12494.255	43.24	54.0	10.76	AV	336.00	200	Vertical	Pass
6	17105.287	55.60	74.0	18.40	Peak	239.00	100	Vertical	Pass
6**	17105.287	43.93	54.0	10.08	AV	239.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.613	38.62	74.0	35.38	Peak	162.00	200	Horizontal	Pass
1**	1507.613	27.41	54.0	26.59	AV	162.00	200	Horizontal	Pass
2	2344.887	37.50	74.0	36.50	Peak	330.00	100	Horizontal	Pass
2**	2344.887	29.19	54.0	24.81	AV	330.00	100	Horizontal	Pass
3	4207.628	46.67	74.0	27.33	Peak	239.00	200	Horizontal	Pass
3**	4207.628	38.52	54.0	15.48	AV	239.00	200	Horizontal	Pass
4	7434.403	52.69	74.0	21.31	Peak	236.00	100	Horizontal	Pass
4**	7434.403	42.84	54.0	11.16	AV	236.00	100	Horizontal	Pass
5	12509.646	51.62	74.0	22.38	Peak	252.00	300	Horizontal	Pass
5**	12509.646	42.68	54.0	11.32	AV	252.00	300	Horizontal	Pass
6	16146.654	53.24	74.0	20.76	Peak	255.00	300	Horizontal	Pass
6**	16146.654	42.61	54.0	11.39	AV	255.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.135	49.21	74.0	24.79	Peak	60.00	200	Vertical	Pass
1**	1161.135	31.20	54.0	22.80	AV	60.00	200	Vertical	Pass
2	1332.410	48.24	74.0	25.76	Peak	211.00	100	Vertical	Pass
2**	1332.410	35.20	54.0	18.80	AV	211.00	100	Vertical	Pass
3	4931.537	49.73	74.0	24.27	Peak	316.00	200	Vertical	Pass
3**	4931.537	37.44	54.0	16.56	AV	316.00	200	Vertical	Pass
4	7940.492	49.25	74.0	24.75	Peak	315.00	300	Vertical	Pass
4**	7940.492	40.38	54.0	13.62	AV	315.00	300	Vertical	Pass
5	12490.479	54.74	74.0	19.26	Peak	13.00	400	Vertical	Pass
5**	12490.479	43.19	54.0	10.81	AV	13.00	400	Vertical	Pass
6	17104.272	55.48	74.0	18.52	Peak	357.00	400	Vertical	Pass
6**	17104.272	43.65	54.0	10.35	AV	357.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.747	38.67	74.0	35.33	Peak	11.00	400	Horizontal	Pass
1**	1508.747	27.29	54.0	26.71	AV	11.00	400	Horizontal	Pass
2	2347.868	37.58	74.0	36.42	Peak	259.00	300	Horizontal	Pass
2**	2347.868	29.06	54.0	24.94	AV	259.00	300	Horizontal	Pass
3	4206.371	46.60	74.0	27.40	Peak	88.00	200	Horizontal	Pass
3**	4206.371	38.27	54.0	15.74	AV	88.00	200	Horizontal	Pass
4	7436.581	52.37	74.0	21.63	Peak	24.00	200	Horizontal	Pass
4**	7436.581	42.54	54.0	11.46	AV	24.00	200	Horizontal	Pass
5	12508.809	51.50	74.0	22.50	Peak	74.00	100	Horizontal	Pass
5**	12508.809	42.50	54.0	11.51	AV	74.00	100	Horizontal	Pass
6	16149.819	52.91	74.0	21.09	Peak	249.00	300	Horizontal	Pass
6**	16149.819	42.59	54.0	11.41	AV	249.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.044	49.25	74.0	24.75	Peak	349.00	300	Vertical	Pass
1**	1163.044	30.96	54.0	23.04	AV	349.00	300	Vertical	Pass
2	1335.552	48.20	74.0	25.80	Peak	97.00	400	Vertical	Pass
2**	1335.552	34.92	54.0	19.08	AV	97.00	400	Vertical	Pass
3	4931.612	49.26	74.0	24.74	Peak	18.00	200	Vertical	Pass
3**	4931.612	37.04	54.0	16.96	AV	18.00	200	Vertical	Pass
4	7941.206	49.05	74.0	24.95	Peak	97.00	400	Vertical	Pass
4**	7941.206	40.11	54.0	13.89	AV	97.00	400	Vertical	Pass
5	12490.036	54.81	74.0	19.19	Peak	321.00	200	Vertical	Pass
5**	12490.036	42.85	54.0	11.16	AV	321.00	200	Vertical	Pass
6	17099.033	55.45	74.0	18.55	Peak	51.00	200	Vertical	Pass
6**	17099.033	43.58	54.0	10.42	AV	51.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.155	38.34	74.0	35.66	Peak	319.00	400	Horizontal	Pass
1**	1509.155	27.13	54.0	26.87	AV	319.00	400	Horizontal	Pass
2	2341.007	37.22	74.0	36.78	Peak	72.00	200	Horizontal	Pass
2**	2341.007	28.85	54.0	25.15	AV	72.00	200	Horizontal	Pass
3	4206.092	46.56	74.0	27.44	Peak	59.00	200	Horizontal	Pass
3**	4206.092	38.27	54.0	15.73	AV	59.00	200	Horizontal	Pass
4	7436.652	52.29	74.0	21.71	Peak	111.00	400	Horizontal	Pass
4**	7436.652	42.37	54.0	11.63	AV	111.00	400	Horizontal	Pass
5	12510.863	51.18	74.0	22.82	Peak	184.00	300	Horizontal	Pass
5**	12510.863	42.28	54.0	11.72	AV	184.00	300	Horizontal	Pass
6	16142.130	52.75	74.0	21.25	Peak	353.00	400	Horizontal	Pass
6**	16142.130	42.73	54.0	11.27	AV	353.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.895	48.77	74.0	25.23	Peak	220.00	400	Vertical	Pass
1**	1157.895	30.86	54.0	23.14	AV	220.00	400	Vertical	Pass
2	1330.401	48.02	74.0	25.98	Peak	158.00	400	Vertical	Pass
2**	1330.401	34.74	54.0	19.26	AV	158.00	400	Vertical	Pass
3	4929.500	49.44	74.0	24.56	Peak	217.00	200	Vertical	Pass
3**	4929.500	36.96	54.0	17.04	AV	217.00	200	Vertical	Pass
4	7935.393	48.82	74.0	25.18	Peak	108.00	200	Vertical	Pass
4**	7935.393	39.93	54.0	14.07	AV	108.00	200	Vertical	Pass
5	12490.533	54.93	74.0	19.07	Peak	285.00	300	Vertical	Pass
5**	12490.533	42.71	54.0	11.29	AV	285.00	300	Vertical	Pass
6	17101.796	55.14	74.0	18.86	Peak	207.00	100	Vertical	Pass
6**	17101.796	43.22	54.0	10.79	AV	207.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

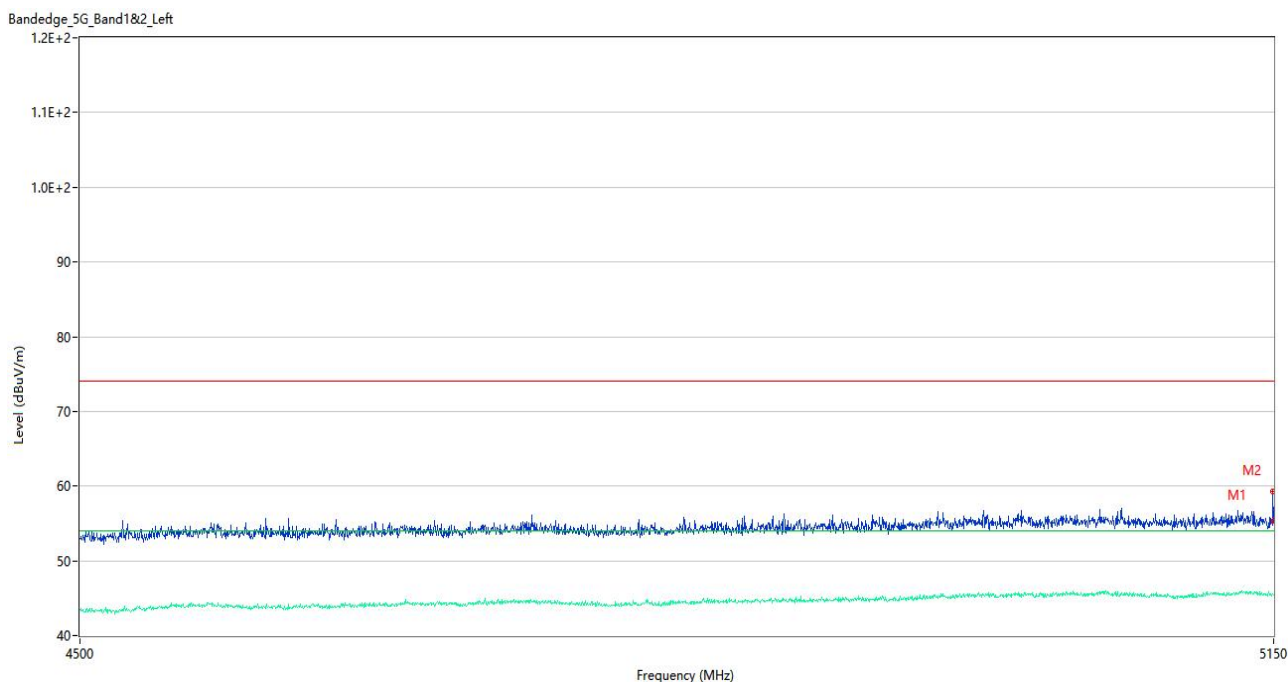
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
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
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(VHT80)	Low	Pass
		High	Pass

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

Note: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

U-NII-1 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.528	58.97	74.0	15.03	Peak	40.00	100	Vertical	Pass
1**	5147.528	45.35	54.0	8.65	AV	40.00	100	Vertical	Pass
2	5150.000	54.63	74.0	19.37	Peak	97.00	100	Vertical	Pass
2**	5150.000	45.25	54.0	8.75	AV	97.00	100	Vertical	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.31	74.0	18.69	Peak	120.00	200	Vertical	Pass
1**	5350.000	44.42	54.0	9.58	AV	120.00	200	Vertical	Pass
2	5396.510	56.43	74.0	17.57	Peak	135.00	300	Vertical	Pass
2**	5396.510	44.14	54.0	9.86	AV	135.00	300	Vertical	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5053.351	56.86	74.0	17.14	Peak	108.00	200	Vertical	Pass
1**	5053.351	45.17	54.0	8.83	AV	108.00	200	Vertical	Pass
2	5150.000	55.42	74.0	18.58	Peak	256.00	300	Vertical	Pass
2**	5150.000	45.15	54.0	8.85	AV	256.00	300	Vertical	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.16	74.0	17.84	Peak	360.00	200	Vertical	Pass
1**	5350.000	44.32	54.0	9.68	AV	360.00	200	Vertical	Pass
2	5395.726	56.74	74.0	17.26	Peak	207.00	300	Vertical	Pass
2**	5395.726	44.60	54.0	9.40	AV	207.00	300	Vertical	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.469	62.13	74.0	11.87	Peak	258.00	200	Vertical	Pass
1**	5146.469	44.47	54.0	9.53	AV	258.00	200	Vertical	Pass
2	5150.000	59.33	74.0	14.67	Peak	345.00	200	Vertical	Pass
2**	5150.000	44.28	54.0	9.72	AV	345.00	200	Vertical	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.43	74.0	18.57	Peak	50.00	300	Vertical	Pass
1**	5350.000	44.69	54.0	9.31	AV	50.00	300	Vertical	Pass
2	5395.618	56.64	74.0	17.36	Peak	40.00	200	Vertical	Pass
2**	5395.618	44.38	54.0	9.62	AV	40.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.587	62.07	74.0	11.93	Peak	329.00	300	Vertical	Pass
1**	5148.587	44.78	54.0	9.22	AV	329.00	300	Vertical	Pass
2	5150.000	60.08	74.0	13.92	Peak	68.00	100	Vertical	Pass
2**	5150.000	54.39	54.0	9.61	AV	68.00	100	Vertical	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.13	74.0	17.87	Peak	291.00	300	Vertical	Pass
1**	5350.000	44.25	54.0	9.75	AV	291.00	300	Vertical	Pass
2	5396.605	57.00	74.0	17.00	Peak	114.00	200	Vertical	Pass
2**	5396.605	43.95	54.0	10.05	AV	114.00	200	Vertical	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.726	62.10	74.0	11.90	Peak	67.00	100	Vertical	Pass
1**	5147.726	44.08	54.0	9.92	AV	67.00	100	Vertical	Pass
2	5150.000	59.65	74.0	14.35	Peak	161.00	300	Vertical	Pass
2**	5150.000	44.20	54.0	9.80	AV	161.00	300	Vertical	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.44	74.0	18.56	Peak	275.00	300	Vertical	Pass
1**	5350.000	45.08	54.0	8.92	AV	275.00	300	Vertical	Pass
2	5398.289	57.06	74.0	16.94	Peak	46.00	300	Vertical	Pass
2**	5398.289	44.33	54.0	9.67	AV	46.00	300	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.220	62.46	74.0	11.54	Peak	88.00	200	Vertical	Pass
1**	5139.220	44.31	54.0	9.69	AV	88.00	200	Vertical	Pass
2	5150.000	61.23	74.0	12.77	Peak	351.00	200	Vertical	Pass
2**	5150.000	44.42	54.0	9.58	AV	351.00	200	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.76	74.0	18.24	Peak	24.00	300	Vertical	Pass
1**	5350.000	44.57	54.0	9.43	AV	24.00	300	Vertical	Pass
2	5397.291	56.62	74.0	17.38	Peak	277.00	200	Vertical	Pass
2**	5397.291	44.40	54.0	9.60	AV	277.00	200	Vertical	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.820	57.15	74.0	16.85	Peak	162.00	300	Vertical	Pass
1**	4996.820	45.04	54.0	8.96	AV	162.00	300	Vertical	Pass
2	5150.000	54.44	74.0	19.56	Peak	271.00	300	Vertical	Pass
2**	5150.000	43.26	54.0	10.74	AV	271.00	300	Vertical	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.40	74.0	18.60	Peak	252.00	200	Vertical	Pass
1**	5350.000	43.44	54.0	10.56	AV	252.00	200	Vertical	Pass
2	5460.072	57.64	74.0	16.36	Peak	46.00	100	Vertical	Pass
2**	5460.072	43.72	54.0	10.28	AV	46.00	100	Vertical	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4998.571	56.43	74.0	17.57	Peak	101.00	100	Vertical	Pass
1**	4998.571	45.03	54.0	8.97	AV	101.00	100	Vertical	Pass
2	5150.000	54.27	74.0	19.73	Peak	144.00	300	Vertical	Pass
2**	5150.000	44.60	54.0	9.40	AV	144.00	300	Vertical	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.33	74.0	18.67	Peak	319.00	300	Vertical	Pass
1**	5350.000	43.28	54.0	10.72	AV	319.00	300	Vertical	Pass
2	5460.700	57.36	74.0	16.64	Peak	132.00	100	Vertical	Pass
2**	5460.700	44.38	54.0	9.62	AV	132.00	100	Vertical	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4995.888	57.11	74.0	16.89	Peak	344.00	300	Vertical	Pass
1**	4995.888	44.69	54.0	9.31	AV	344.00	300	Vertical	Pass
2	5150.000	53.98	74.0	20.02	Peak	306.00	300	Vertical	Pass
2**	5150.000	43.47	54.0	10.53	AV	306.00	300	Vertical	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.62	74.0	18.38	Peak	52.00	300	Vertical	Pass
1**	5350.000	44.73	54.0	9.27	AV	52.00	300	Vertical	Pass
2	5461.179	57.26	74.0	16.74	Peak	26.00	300	Vertical	Pass
2**	5461.179	43.66	54.0	10.34	AV	26.00	300	Vertical	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.238	57.06	74.0	16.94	Peak	258.00	100	Vertical	Pass
1**	4996.238	44.28	54.0	9.72	AV	258.00	100	Vertical	Pass
2	5150.000	54.48	74.0	19.52	Peak	320.00	100	Vertical	Pass
2**	5150.000	44.96	54.0	9.04	AV	320.00	100	Vertical	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.21	74.0	18.79	Peak	190.00	100	Vertical	Pass
1**	5350.000	44.98	54.0	9.02	AV	190.00	100	Vertical	Pass
2	5461.195	58.23	74.0	15.77	Peak	20.00	100	Vertical	Pass
2**	5461.195	43.42	54.0	10.58	AV	20.00	100	Vertical	Pass

U-NII-2A 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.133	57.14	74.0	16.86	Peak	206.00	200	Vertical	Pass
1**	4997.133	44.64	54.0	9.36	AV	206.00	200	Vertical	Pass
2	5150.000	54.03	74.0	19.97	Peak	52.00	200	Vertical	Pass
2**	5150.000	43.37	54.0	10.63	AV	52.00	200	Vertical	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.24	74.0	18.76	Peak	270.00	300	Vertical	Pass
1**	5350.000	43.13	54.0	10.87	AV	270.00	300	Vertical	Pass
2	5461.520	58.00	74.0	16.00	Peak	290.00	200	Vertical	Pass
2**	5461.520	44.13	54.0	9.87	AV	290.00	200	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4995.967	59.28	74.0	14.72	Peak	321.00	300	Vertical	Pass
1**	4995.967	44.22	54.0	9.78	AV	321.00	300	Vertical	Pass
2	5150.000	55.47	74.0	18.53	Peak	181.00	300	Vertical	Pass
2**	5150.000	44.95	54.0	9.05	AV	181.00	300	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.01	74.0	18.99	Peak	206.00	300	Vertical	Pass
1**	5350.000	44.56	54.0	9.44	AV	206.00	300	Vertical	Pass
2	5461.620	57.75	74.0	16.25	Peak	288.00	200	Vertical	Pass
2**	5461.620	44.13	54.0	9.87	AV	288.00	200	Vertical	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.658	57.35	74.0	16.65	Peak	106.00	300	Vertical	Pass
1**	5411.425	45.09	54.0	8.91	AV	106.00	300	Vertical	Pass
2	5460.000	56.13	74.0	17.87	Peak	157.00	300	Vertical	Pass
2**	5460.000	44.63	54.0	9.37	AV	157.00	300	Vertical	Pass
3	5467.859	56.89	68.2	11.31	Peak	64.00	100	Vertical	Pass
3**	5466.609	47.09	--	--	AV	64.00	100	Vertical	N/A
4	5470.000	55.70	68.2	12.50	Peak	71.00	100	Vertical	Pass
4**	5470.000	46.31	--	--	AV	71.00	100	Vertical	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.33	68.2	12.87	Peak	173.00	300	Vertical	Pass
2	5775.801	56.95	68.2	11.25	Peak	187.00	100	Vertical	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.936	57.82	74.0	16.18	Peak	166.00	200	Vertical	Pass
1**	5411.597	44.37	54.0	9.63	AV	166.00	200	Vertical	Pass
2	5460.000	56.19	74.0	17.81	Peak	351.00	200	Vertical	Pass
2**	5460.000	43.70	54.0	10.30	AV	351.00	200	Vertical	Pass
3	5467.247	57.34	68.2	10.86	Peak	349.00	300	Vertical	Pass
3**	5468.108	47.19	--	--	AV	349.00	300	Vertical	N/A
4	5470.000	55.28	68.2	12.92	Peak	193.00	200	Vertical	Pass
4**	5470.000	46.06	--	--	AV	193.00	200	Vertical	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.97	68.2	12.23	Peak	344.00	200	Vertical	Pass
2	5777.018	57.61	68.2	10.59	Peak	190.00	200	Vertical	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.697	57.28	74.0	16.72	Peak	158.00	300	Vertical	Pass
1**	5413.003	44.95	54.0	9.05	AV	158.00	300	Vertical	Pass
2	5460.000	55.69	74.0	18.31	Peak	282.00	100	Vertical	Pass
2**	5460.000	43.31	54.0	10.69	AV	282.00	100	Vertical	Pass
3	5468.329	56.61	68.2	11.59	Peak	341.00	200	Vertical	Pass
3**	5466.555	47.16	--	--	AV	341.00	200	Vertical	N/A
4	5470.000	55.17	68.2	13.03	Peak	134.00	100	Vertical	Pass
4**	5470.000	45.97	--	--	AV	134.00	100	Vertical	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.78	68.2	12.42	Peak	88.00	200	Vertical	Pass
2	5775.244	57.30	68.2	10.90	Peak	59.00	200	Vertical	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.342	57.03	74.0	16.97	Peak	203.00	200	Vertical	Pass
1**	5411.277	44.95	54.0	9.05	AV	203.00	200	Vertical	Pass
2	5460.000	56.44	74.0	17.56	Peak	116.00	100	Vertical	Pass
2**	5460.000	44.51	54.0	9.49	AV	116.00	100	Vertical	Pass
3	5465.944	57.15	68.2	11.05	Peak	183.00	100	Vertical	Pass
3**	5468.768	46.40	--	--	AV	183.00	100	Vertical	N/A
4	5470.000	54.84	68.2	13.36	Peak	55.00	200	Vertical	Pass
4**	5470.000	46.65	--	--	AV	55.00	200	Vertical	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.34	68.2	12.86	Peak	163.00	100	Vertical	Pass
2	5775.740	56.98	68.2	11.22	Peak	183.00	100	Vertical	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.550	57.42	74.0	16.58	Peak	246.00	100	Vertical	Pass
1**	5411.524	44.39	54.0	9.61	AV	246.00	100	Vertical	Pass
2	5460.000	55.99	74.0	18.01	Peak	17.00	300	Vertical	Pass
2**	5460.000	44.16	54.0	9.84	AV	17.00	300	Vertical	Pass
3	5466.024	56.99	68.2	11.21	Peak	205.00	300	Vertical	Pass
3**	5468.543	46.49	--	--	AV	205.00	300	Vertical	N/A
4	5470.000	55.69	68.2	12.51	Peak	198.00	200	Vertical	Pass
4**	5470.000	46.81	--	--	AV	198.00	200	Vertical	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.80	68.2	12.40	Peak	167.00	100	Vertical	Pass
2	5776.801	57.48	68.2	10.72	Peak	132.00	300	Vertical	Pass

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.254	57.71	74.0	16.29	Peak	331.00	300	Vertical	Pass
1**	5411.336	43.17	54.0	10.83	AV	331.00	300	Vertical	Pass
2	5460.000	56.19	74.0	17.81	Peak	352.00	300	Vertical	Pass
2**	5460.000	43.54	54.0	10.46	AV	352.00	300	Vertical	Pass
3	5467.397	56.89	68.2	11.31	Peak	283.00	300	Vertical	Pass
3**	5467.587	46.95	--	--	AV	283.00	300	Vertical	N/A
4	5470.000	55.67	68.2	12.53	Peak	300.00	100	Vertical	Pass
4**	5470.000	46.87	--	--	AV	300.00	100	Vertical	N/A

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.14	68.2	13.06	Peak	287.00	200	Vertical	Pass
2	5774.943	57.76	68.2	10.44	Peak	341.00	300	Vertical	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.024	57.00	68.2	11.20	Peak	289.00	100	Vertical	Pass
2	5650.000	55.39	68.2	12.81	Peak	289.00	100	Vertical	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.08	68.2	13.12	Peak	320.00	100	Vertical	Pass
2	5943.625	57.63	68.2	10.58	Peak	317.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.094	57.383	68.2	10.82	Peak	0.00	300	Vertical	Pass
2	5650.000	54.638	68.2	13.56	Peak	0.00	300	Vertical	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.031	68.2	12.17	Peak	49.00	300	Vertical	Pass
2	5944.091	56.465	68.2	11.74	Peak	153.00	300	Vertical	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.988	57.013	68.2	11.19	Peak	82.00	100	Vertical	Pass
2	5650.000	54.028	68.2	14.17	Peak	82.00	100	Vertical	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.681	68.2	12.52	Peak	316.00	300	Vertical	Pass
2	5945.012	55.595	68.2	12.61	Peak	146.00	100	Vertical	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.089	56.873	68.2	11.33	Peak	100.00	100	Vertical	Pass
2	5650.000	51.528	68.2	16.67	Peak	100.00	100	Vertical	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.041	68.2	13.16	Peak	204.00	300	Vertical	Pass
2	5947.726	56.235	68.2	11.97	Peak	358.00	200	Vertical	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.674	56.753	68.2	11.45	Peak	101.00	100	Vertical	Pass
2	5650.000	51.868	68.2	16.33	Peak	101.00	100	Vertical	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	52.231	68.2	15.97	Peak	199.00	300	Vertical	Pass
2	5948.614	55.935	68.2	12.27	Peak	118.00	300	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.737	57.523	68.2	10.68	Peak	82.00	300	Vertical	Pass
2	5650.000	51.998	68.2	16.20	Peak	82.00	300	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.431	68.2	18.77	Peak	142.00	300	Vertical	Pass
2	5951.068	56.125	68.2	12.08	Peak	291.00	100	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26020131-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26020131-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26020131-AI.PDF”.

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