



TEST REPORT

Applicant: Acer Incorporated
Address: 8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City
221 Taiwan
Equipment Type: Tablet PC
Model Name: A25002
Marketing Name: A11-21MN, A11-21M
Brand Name: acer
FCC ID: HLZA25002
ISED Number: 1754F-A25002
47 CFR Part 15 Subpart E
Test Standard: RSS-Gen Issue 5
RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Apr. 30, 2025
Test Date: May 01, 2025 - Jul. 02, 2025
Date of Issue: Jul. 16, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jul. 16, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Acer Incorporated
Address	8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan

2.2 Manufacturer Information

Manufacturer	Acer Incorporated
Address	8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	A25002
Marketing Name	A11-21MN, A11-21M
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	/
Hardware Version	BND-H60 V2.0
Software Version	Acer_AV0V0_A11-21MN_RV00RC01_EEA_GEN1
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, 802.11ac and 802.11ax
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location Indoor for IC standard
Modulation technology	OFDM, OFDMA
Modulation Type	1024QAM, 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 802.11ax up to 600 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 21.93. mW U-NII-2A: 21.73 mW U-NII-2C: 22.39 mW U-NII-3: 10.21 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Replaceable Antenna Model 1	AF1013-T30A537
Replaceable Antenna Model 2	AE1013-BND-H60
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 3.04 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.99 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.99 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.21 dBi
About the Product	The equipment is Tablet PC, intended for used with information technology equipment.

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	--	--	--	--	--	--
802.11ax40	√	--	--	--	--	--	--
802.11ax80	√	--	--	--	--	--	--

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				

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

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

For 802.11a/n(HT20)/ac(VHT20)/ax(HE20)

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)/ax(HE40)

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)/ax(HE80)

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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
Band Edge (Restricted- band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4 ☆	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

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

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	55% to 66%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.6°C to +24.3°C
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	Agilent	N9038A	MY55330120	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2025.04.12	2028.04.11
Amplifier	COM-MV	ZT30-1000M	B2017119081	2024.11.28	2025.11.27
Anechoic Chamber	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

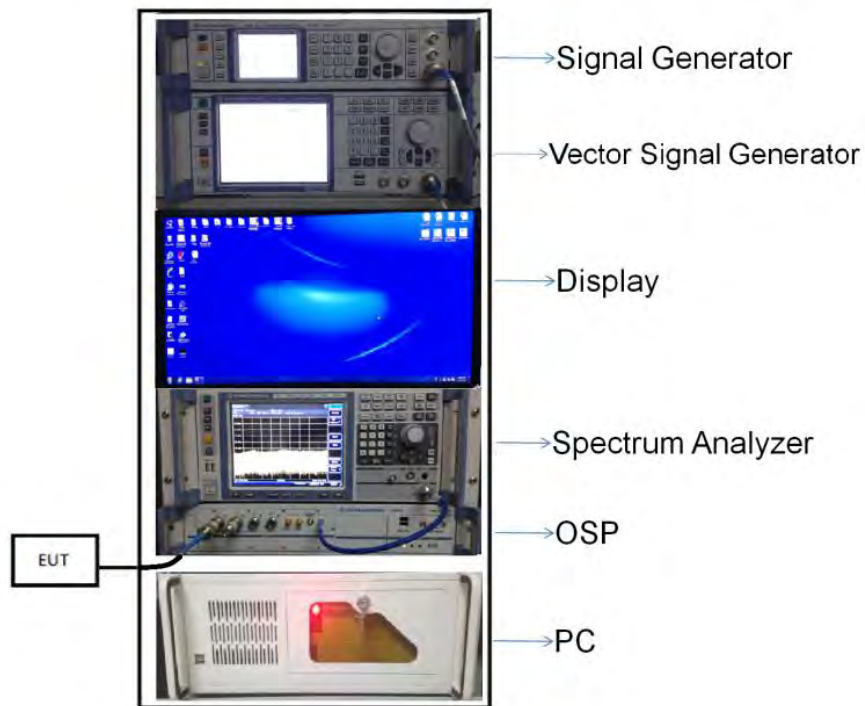
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

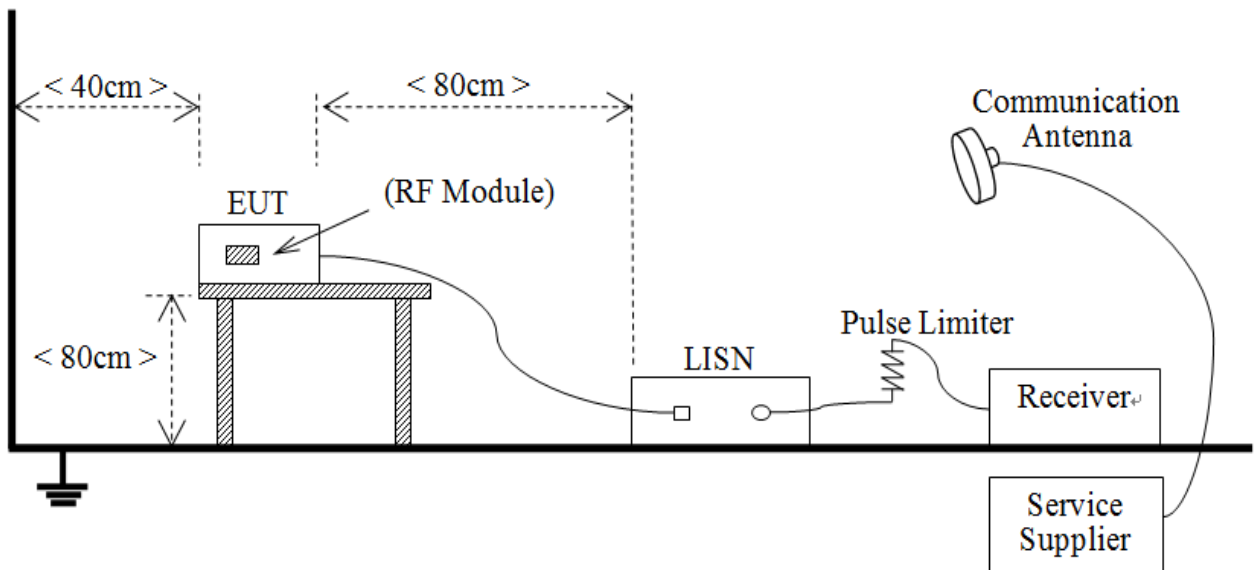
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



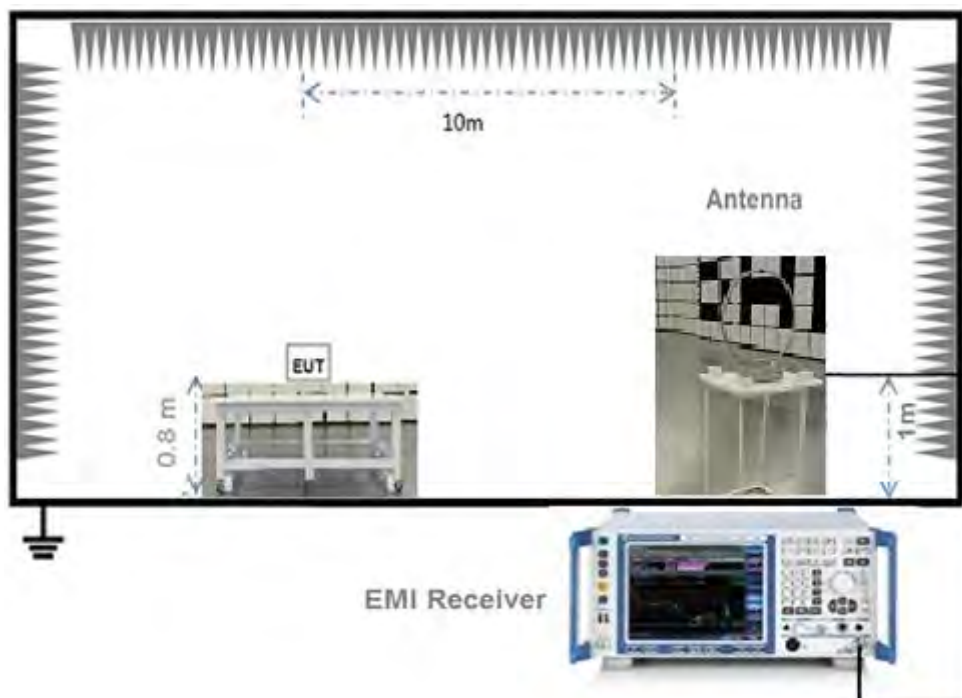
(Diagram 1)

4.5.2 For AC Power Supply Port Test



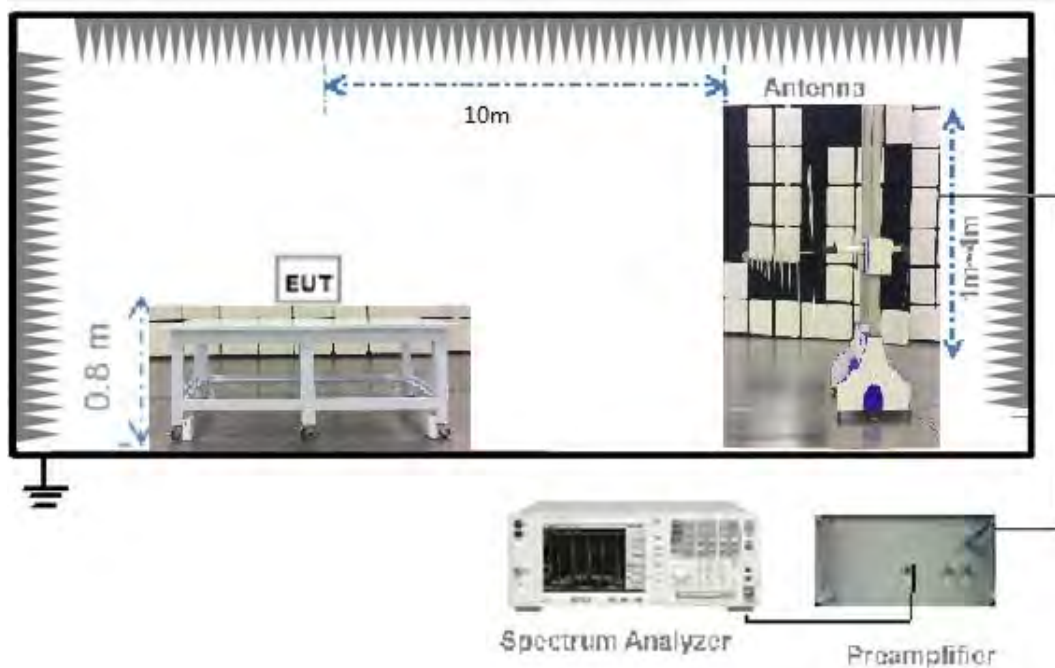
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



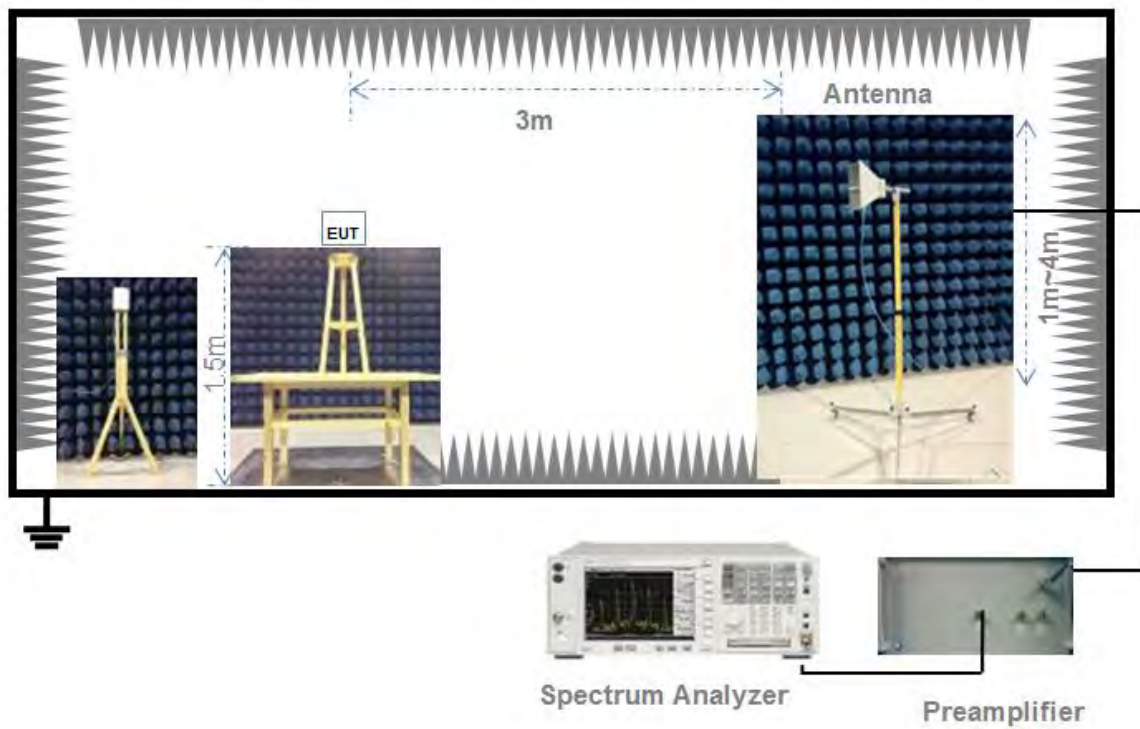
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note1: Where “B” is the 99% emissions bandwidth in MHz.	
Note2: EIRP= maximum conducted output power+ Antenna Gain.	

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by

at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle.

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

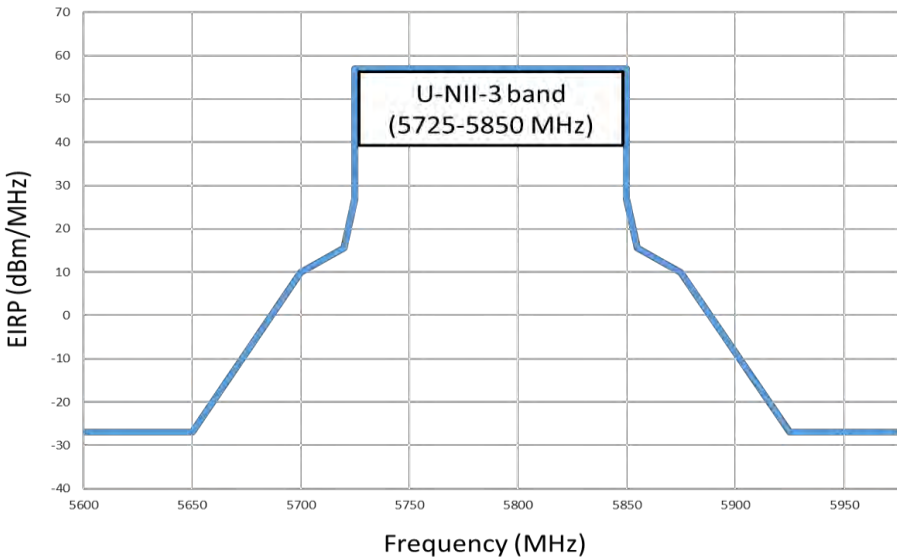
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

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

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.

Replaceable Antenna Model 1: AF1013-T30A537

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.40	1.58	88.59%	0.53
11n(HT20)	5.09	5.25	97.01%	0.13
11n(HT40)	4.86	5.12	95.09%	0.22
11ac(VHT20)	5.09	5.25	97.01%	0.13
11ac(VHT40)	4.86	5.12	95.09%	0.22
11ac (VHT80)	4.50	4.72	95.32%	0.21
11ax (HE20)(SU)	3.87	4.03	96.25%	0.17
11ax (HE40)(SU)	3.84	4.33	88.70%	0.52
11ax (HE80)(SU)	3.65	3.77	96.63%	0.15

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.71	18.66	250	Pass
11a	CH44	13.04	20.14	250	Pass
11a	CH48	12.74	18.79	250	Pass
11n (HT20)	CH36	13.05	20.18	250	Pass
11n (HT20)	CH44	13.37	21.73	250	Pass
11n (HT20)	CH48	12.82	19.14	250	Pass
11n (HT40)	CH38	12.89	19.45	250	Pass
11n (HT40)	CH46	13.15	20.65	250	Pass
11ac (VHT20)	CH36	13.00	19.95	250	Pass
11ac (VHT20)	CH44	13.38	21.78	250	Pass
11ac (VHT20)	CH48	12.76	18.88	250	Pass
11ac (VHT40)	CH38	13.06	20.23	250	Pass
11ac (VHT40)	CH46	13.09	20.37	250	Pass
11ac (VHT80)	CH42	12.45	17.58	250	Pass
11ax (HE20)(SU)	CH36	13.09	20.37	250	Pass
11ax (HE20)(SU)	CH44	13.20	20.89	250	Pass
11ax (HE20)(SU)	CH48	12.62	18.28	250	Pass
11ax (HE40)(SU)	CH38	12.75	18.84	250	Pass
11ax (HE40)(SU)	CH46	13.00	19.95	250	Pass
11ax (HE80)(SU)	CH42	13.41	21.93	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.37	21.73	250	Pass
11a	CH60	12.64	18.37	250	Pass
11a	CH64	13.34	21.58	250	Pass
11n (HT20)	CH52	12.43	17.50	250	Pass
11n (HT20)	CH60	12.86	19.32	250	Pass
11n (HT20)	CH64	12.97	19.82	250	Pass
11n (HT40)	CH54	13.18	20.80	250	Pass
11n (HT40)	CH62	12.56	18.03	250	Pass
11ac (VHT20)	CH52	12.58	18.11	250	Pass
11ac (VHT20)	CH60	12.88	19.41	250	Pass
11ac (VHT20)	CH64	12.55	17.99	250	Pass
11ac (VHT40)	CH54	13.22	20.99	250	Pass
11ac (VHT40)	CH62	12.64	18.37	250	Pass
11ac (VHT80)	CH58	12.91	19.54	250	Pass
11ax (HE20)(SU)	CH52	12.44	17.54	250	Pass
11ax (HE20)(SU)	CH60	13.11	20.46	250	Pass
11ax (HE20)(SU)	CH64	12.82	19.14	250	Pass
11ax (HE40)(SU)	CH54	13.27	21.23	250	Pass
11ax (HE40)(SU)	CH62	12.62	18.28	250	Pass
11ax (HE80)(SU)	CH58	12.11	16.26	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.46	22.18	250	Pass
11a	CH116	12.45	17.58	250	Pass
11a	CH140	11.44	13.93	250	Pass
11n (HT20)	CH100	12.15	16.41	250	Pass
11n (HT20)	CH116	11.36	13.68	250	Pass
11n (HT20)	CH140	11.42	13.87	250	Pass
11n (HT40)	CH102	12.17	16.48	250	Pass
11n (HT40)	CH118	12.48	17.70	250	Pass
11n (HT40)	CH134	11.65	14.62	250	Pass
11ac (VHT20)	CH100	13.50	22.39	250	Pass
11ac (VHT20)	CH116	12.33	17.10	250	Pass
11ac (VHT20)	CH140	11.37	13.71	250	Pass
11ac (VHT40)	CH102	13.42	21.98	250	Pass
11ac (VHT40)	CH118	12.32	17.06	250	Pass
11ac (VHT40)	CH134	11.53	14.22	250	Pass
11ac (VHT80)	CH106	13.15	20.65	250	Pass
11ac (VHT80)	CH122	11.82	15.21	250	Pass
11ax (HE20)(SU)	CH100	12.11	16.26	250	Pass
11ax (HE20)(SU)	CH116	12.47	17.66	250	Pass
11ax (HE20)(SU)	CH140	11.56	14.32	250	Pass
11ax (HE40)(SU)	CH102	13.45	22.13	250	Pass
11ax (HE40)(SU)	CH118	12.31	17.02	250	Pass
11ax (HE40)(SU)	CH134	11.57	14.35	250	Pass
11ax (HE80)(SU)	CH106	13.37	21.73	250	Pass
11ax (HE80)(SU)	CH122	12.28	16.90	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.04	10.09	1000	Pass
11a	CH157	10.04	10.09	1000	Pass
11a	CH165	9.91	9.79	1000	Pass
11n (HT20)	CH149	10.02	10.05	1000	Pass
11n (HT20)	CH157	9.98	9.95	1000	Pass
11n (HT20)	CH165	10.04	10.09	1000	Pass
11n (HT40)	CH151	10.06	10.14	1000	Pass
11n (HT40)	CH159	9.98	9.95	1000	Pass
11ac (VHT20)	CH149	10.01	10.02	1000	Pass
11ac (VHT20)	CH157	9.92	9.82	1000	Pass
11ac (VHT20)	CH165	9.97	9.93	1000	Pass
11ac (VHT40)	CH151	9.98	9.95	1000	Pass
11ac (VHT40)	CH159	9.93	9.84	1000	Pass
11ac (VHT80)	CH155	10.05	10.12	1000	Pass
11ax (HE20)(SU)	CH149	10.09	10.21	1000	Pass
11ax (HE20)(SU)	CH157	9.97	9.93	1000	Pass
11ax (HE20)(SU)	CH165	9.91	9.79	1000	Pass
11ax (HE40)(SU)	CH151	10.04	10.09	1000	Pass
11ax (HE40)(SU)	CH159	10.01	10.02	1000	Pass
11ax (HE80)(SU)	CH155	10.05	10.12	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.75	37.58	168	Pass
11a	CH44	16.08	40.55	168	Pass
11a	CH48	15.78	37.84	168	Pass
11n (HT20)	CH36	16.09	40.64	180	Pass
11n (HT20)	CH44	16.41	43.75	180	Pass
11n (HT20)	CH48	15.86	38.55	180	Pass
11n (HT40)	CH38	15.93	39.17	200	Pass
11n (HT40)	CH46	16.19	41.59	200	Pass
11ac (VHT20)	CH36	16.04	40.18	180	Pass
11ac (VHT20)	CH44	16.42	43.85	180	Pass
11ac (VHT20)	CH48	15.80	38.02	180	Pass
11ac (VHT40)	CH38	16.10	40.74	200	Pass
11ac (VHT40)	CH46	16.13	41.02	200	Pass
11ac (VHT80)	CH42	15.49	35.40	200	Pass
11ax (HE20)(SU)	CH36	16.13	41.02	191	Pass
11ax (HE20)(SU)	CH44	16.24	42.07	191	Pass
11ax (HE20)(SU)	CH48	15.66	36.81	191	Pass
11ax (HE40)(SU)	CH38	15.79	37.93	200	Pass
11ax (HE40)(SU)	CH46	16.04	40.18	200	Pass
11ax (HE80)(SU)	CH42	16.45	44.16	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	15.36	34.36	842	Pass
11a	CH60	14.63	29.04	841	Pass
11a	CH64	15.33	34.12	843	Pass
11n (HT20)	CH52	14.42	27.67	901	Pass
11n (HT20)	CH60	14.85	30.55	902	Pass
11n (HT20)	CH64	14.96	31.33	903	Pass
11n (HT40)	CH54	15.17	32.89	1000	Pass
11n (HT40)	CH62	14.55	28.51	1000	Pass
11ac (VHT20)	CH52	14.57	28.64	901	Pass
11ac (VHT20)	CH60	14.87	30.69	901	Pass
11ac (VHT20)	CH64	14.54	28.44	901	Pass
11ac (VHT40)	CH54	15.21	33.19	1000	Pass
11ac (VHT40)	CH62	14.63	29.04	1000	Pass
11ac (VHT80)	CH58	14.90	30.90	1000	Pass
11ax (HE20)(SU)	CH52	14.43	27.73	959	Pass
11ax (HE20)(SU)	CH60	15.10	32.36	958	Pass
11ax (HE20)(SU)	CH64	14.81	30.27	959	Pass
11ax (HE40)(SU)	CH54	15.26	33.57	1000	Pass
11ax (HE40)(SU)	CH62	14.61	28.91	1000	Pass
11ax (HE80)(SU)	CH58	14.10	25.70	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	15.45	35.08	847	Pass
11a	CH116	14.44	27.80	849	Pass
11a	CH140	13.43	22.03	847	Pass
11n (HT20)	CH100	14.14	25.94	907	Pass
11n (HT20)	CH116	13.35	21.63	908	Pass
11n (HT20)	CH140	13.41	21.93	908	Pass
11n (HT40)	CH102	14.16	26.06	1000	Pass
11n (HT40)	CH118	14.47	27.99	1000	Pass
11n (HT40)	CH134	13.64	23.12	1000	Pass
11ac (VHT20)	CH100	15.49	35.40	907	Pass
11ac (VHT20)	CH116	14.32	27.04	907	Pass
11ac (VHT20)	CH140	13.36	21.68	906	Pass
11ac (VHT40)	CH102	15.41	34.75	1000	Pass
11ac (VHT40)	CH118	14.31	26.98	1000	Pass
11ac (VHT40)	CH134	13.52	22.49	1000	Pass
11ac (VHT80)	CH106	15.14	32.66	1000	Pass
11ac (VHT80)	CH122	13.81	24.04	1000	Pass
11ax (HE20)(SU)	CH100	14.10	25.70	964	Pass
11ax (HE20)(SU)	CH116	14.46	27.93	964	Pass
11ax (HE20)(SU)	CH140	13.55	22.65	965	Pass
11ax (HE40)(SU)	CH102	15.44	34.99	1000	Pass
11ax (HE40)(SU)	CH118	14.30	26.92	1000	Pass
11ax (HE40)(SU)	CH134	13.56	22.70	1000	Pass
11ax (HE80)(SU)	CH106	15.36	34.36	1000	Pass
11ax (HE80)(SU)	CH122	14.27	26.73	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	11.25	13.34	Pass
11a	CH157	11.25	13.34	Pass
11a	CH165	11.12	12.94	Pass
11n (HT20)	CH149	11.23	13.27	Pass
11n (HT20)	CH157	11.19	13.15	Pass
11n (HT20)	CH165	11.25	13.34	Pass
11n (HT40)	CH151	11.27	13.40	Pass
11n (HT40)	CH159	11.19	13.15	Pass
11ac (VHT20)	CH149	11.22	13.24	Pass
11ac (VHT20)	CH157	11.13	12.97	Pass
11ac (VHT20)	CH165	11.18	13.12	Pass
11ac (VHT40)	CH151	11.19	13.15	Pass
11ac (VHT40)	CH159	11.14	13.00	Pass
11ac (VHT80)	CH155	11.26	13.37	Pass
11ax (HE20)(SU)	CH149	11.30	13.49	Pass
11ax (HE20)(SU)	CH157	11.18	13.12	Pass
11ax (HE20)(SU)	CH165	11.12	12.94	Pass
11ax (HE40)(SU)	CH151	11.25	13.34	Pass
11ax (HE40)(SU)	CH159	11.22	13.24	Pass
11ax (HE80)(SU)	CH155	11.26	13.37	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2541704-604 Data Part 1.pdf”.

Replaceable Antenna Model 1: AF1013-T30A537

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.75	16.76
11a	CH44	27.54	16.81
11a	CH48	25.58	16.75
11n (HT20)	CH36	26.84	17.97
11n (HT20)	CH44	27.37	17.99
11n (HT20)	CH48	26.78	17.97
11n (HT40)	CH38	46.62	36.50
11n (HT40)	CH46	47.51	36.56
11ac (VHT20)	CH36	26.71	17.95
11ac (VHT20)	CH44	28.03	18.01
11ac (VHT20)	CH48	27.41	17.97
11ac (VHT40)	CH38	46.41	36.48
11ac (VHT40)	CH46	47.03	36.56
11ac (VHT80)	CH42	91.02	76.20
11ax (HE20)(SU)	CH36	25.94	19.10
11ax (HE20)(SU)	CH44	26.25	19.10
11ax (HE20)(SU)	CH48	26.11	19.10
11ax (HE40)(SU)	CH38	46.05	37.95
11ax (HE40)(SU)	CH46	47.19	37.94
11ax (HE80)(SU)	CH42	85.53	77.44

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	26.07	16.80
11a	CH60	25.68	16.78
11a	CH64	25.50	16.81
11n (HT20)	CH52	27.11	17.98
11n (HT20)	CH60	27.46	18.00
11n (HT20)	CH64	26.89	18.01
11n (HT40)	CH54	47.01	36.54
11n (HT40)	CH62	46.43	36.51
11ac (VHT20)	CH52	26.54	17.98
11ac (VHT20)	CH60	27.20	17.97
11ac (VHT20)	CH64	26.64	17.98
11ac (VHT40)	CH54	47.53	36.51
11ac (VHT40)	CH62	48.14	36.51
11ac (VHT80)	CH58	96.91	76.32
11ax (HE20)(SU)	CH52	26.23	19.14
11ax (HE20)(SU)	CH60	25.68	19.11
11ax (HE20)(SU)	CH64	26.33	19.13
11ax (HE40)(SU)	CH54	46.30	37.94
11ax (HE40)(SU)	CH62	46.50	38.00
11ax (HE80)(SU)	CH58	86.59	77.64

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	26.03	16.90
11a	CH116	26.05	16.94
11a	CH140	26.13	16.90
11n (HT20)	CH100	27.17	18.09
11n (HT20)	CH116	27.47	18.12
11n (HT20)	CH140	27.58	18.12
11n (HT40)	CH102	47.90	36.82
11n (HT40)	CH118	48.65	36.77
11n (HT40)	CH134	47.85	36.70
11ac (VHT20)	CH100	27.97	18.10
11ac (VHT20)	CH116	27.11	18.10
11ac (VHT20)	CH140	26.87	18.08
11ac (VHT40)	CH102	47.90	36.71
11ac (VHT40)	CH118	48.53	36.75
11ac (VHT40)	CH134	47.67	36.71
11ac (VHT80)	CH106	90.75	76.55
11ac (VHT80)	CH122	89.99	76.58
11ax (HE20)(SU)	CH100	26.39	19.23
11ax (HE20)(SU)	CH116	27.14	19.23
11ax (HE20)(SU)	CH140	27.18	19.26
11ax (HE40)(SU)	CH102	46.43	38.07
11ax (HE40)(SU)	CH118	46.68	38.07
11ax (HE40)(SU)	CH134	46.66	38.15
11ax (HE80)(SU)	CH106	88.49	77.78
11ax (HE80)(SU)	CH122	87.92	77.84

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.57	16.94
11a	CH157	26.37	16.98
11a	CH165	25.78	16.92
11n (HT20)	CH149	27.70	18.14
11n (HT20)	CH157	26.89	18.20
11n (HT20)	CH165	28.02	18.12
11n (HT40)	CH151	47.38	36.82
11n (HT40)	CH159	48.04	36.85
11ac (VHT20)	CH149	26.93	18.14
11ac (VHT20)	CH157	27.17	18.15
11ac (VHT20)	CH165	27.61	18.20
11ac (VHT40)	CH151	47.68	36.80
11ac (VHT40)	CH159	47.17	36.84
11ac (VHT80)	CH155	89.85	76.83
11ax (HE20)(SU)	CH149	25.90	19.24
11ax (HE20)(SU)	CH157	27.25	19.27
11ax (HE20)(SU)	CH165	26.70	19.25
11ax (HE40)(SU)	CH151	46.96	38.13
11ax (HE40)(SU)	CH159	46.38	38.22
11ax (HE80)(SU)	CH155	88.77	77.88

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2541704-604 Data Part 2.pdf".

Replaceable Antenna Model 1: AF1013-T30A537

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n (HT20)	CH149	17.80	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	36.60	500.00	Pass
11n (HT40)	CH159	36.60	500.00	Pass
11ac (VHT20)	CH149	17.90	500.00	Pass
11ac (VHT20)	CH157	17.90	500.00	Pass
11ac (VHT20)	CH165	17.90	500.00	Pass
11ac (VHT40)	CH151	36.60	500.00	Pass
11ac (VHT40)	CH159	36.50	500.00	Pass
11ac (VHT80)	CH155	76.60	500.00	Pass
11ax (HE20)(SU)	CH149	19.20	500.00	Pass
11ax (HE20)(SU)	CH157	19.30	500.00	Pass
11ax (HE20)(SU)	CH165	19.30	500.00	Pass
11ax (HE40)(SU)	CH151	38.00	500.00	Pass
11ax (HE40)(SU)	CH159	38.00	500.00	Pass
11ax (HE80)(SU)	CH155	78.10	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2541704-604 Data Part 3.pdf”.

Replaceable Antenna Model 1: AF1013-T30A537

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.22	11.00	Pass
11a	CH44	1.42	11.00	Pass
11a	CH48	1.04	11.00	Pass
11n(HT20)	CH36	1.20	11.00	Pass
11n(HT20)	CH44	1.52	11.00	Pass
11n(HT20)	CH48	0.98	11.00	Pass
11n(HT40)	CH38	-1.87	11.00	Pass
11n(HT40)	CH46	-1.70	11.00	Pass
11ac(VHT20)	CH36	1.20	11.00	Pass
11ac(VHT20)	CH44	1.58	11.00	Pass
11ac(VHT20)	CH48	0.81	11.00	Pass
11ac(VHT40)	CH38	-1.74	11.00	Pass
11ac(VHT40)	CH46	-1.93	11.00	Pass
11ac(VHT80)	CH42	-5.63	11.00	Pass
11ax(HE20)(SU)	CH36	-1.01	11.00	Pass
11ax(HE20)(SU)	CH44	1.11	11.00	Pass
11ax(HE20)(SU)	CH48	0.68	11.00	Pass
11ax(HE40)(SU)	CH38	-2.42	11.00	Pass
11ax(HE40)(SU)	CH46	-2.06	11.00	Pass
11ax(HE80)(SU)	CH42	-4.69	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	1.66	11.00	Pass
11a	CH60	1.26	11.00	Pass
11a	CH64	1.84	11.00	Pass
11n(HT20)	CH52	0.59	11.00	Pass
11n(HT20)	CH60	1.33	11.00	Pass
11n(HT20)	CH64	1.21	11.00	Pass
11n(HT40)	CH54	-1.77	11.00	Pass
11n(HT40)	CH62	-2.38	11.00	Pass
11ac(VHT20)	CH52	0.54	11.00	Pass
11ac(VHT20)	CH60	0.94	11.00	Pass
11ac(VHT20)	CH64	1.34	11.00	Pass
11ac(VHT40)	CH54	-1.70	11.00	Pass
11ac(VHT40)	CH62	-1.74	11.00	Pass
11ac(VHT80)	CH58	-4.75	11.00	Pass
11ax(HE20)(SU)	CH52	0.63	11.00	Pass
11ax(HE20)(SU)	CH60	1.00	11.00	Pass
11ax(HE20)(SU)	CH64	0.80	11.00	Pass
11ax(HE40)(SU)	CH54	-1.48	11.00	Pass
11ax(HE40)(SU)	CH62	-1.94	11.00	Pass
11ax(HE80)(SU)	CH58	-6.43	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	1.97	11.00	Pass
11a	CH116	0.61	11.00	Pass
11a	CH140	-1.26	11.00	Pass
11n(HT20)	CH100	0.36	11.00	Pass
11n(HT20)	CH116	-0.48	11.00	Pass
11n(HT20)	CH140	-1.75	11.00	Pass
11n(HT40)	CH102	-2.62	11.00	Pass
11n(HT40)	CH118	-2.55	11.00	Pass
11n(HT40)	CH134	-3.44	11.00	Pass
11ac(VHT20)	CH100	0.95	11.00	Pass
11ac(VHT20)	CH116	0.43	11.00	Pass
11ac(VHT20)	CH140	-0.90	11.00	Pass
11ac(VHT40)	CH102	-1.98	11.00	Pass
11ac(VHT40)	CH118	-2.52	11.00	Pass
11ac(VHT40)	CH134	-3.50	11.00	Pass
11ac(VHT80)	CH106	-5.27	11.00	Pass
11ac(VHT80)	CH122	-6.76	11.00	Pass
11ax(HE20)(SU)	CH100	0.14	11.00	Pass
11ax(HE20)(SU)	CH116	0.23	11.00	Pass
11ax(HE20)(SU)	CH140	-1.01	11.00	Pass
11ax(HE40)(SU)	CH102	-2.08	11.00	Pass
11ax(HE40)(SU)	CH118	-2.78	11.00	Pass
11ax(HE40)(SU)	CH134	-3.74	11.00	Pass
11ax(HE80)(SU)	CH106	-5.65	11.00	Pass
11ax(HE80)(SU)	CH122	-5.97	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH149	-5.33	30.00	Pass
11a	CH157	-6.41	30.00	Pass
11a	CH165	-4.91	30.00	Pass
11n(HT20)	CH149	-5.47	30.00	Pass
11n(HT20)	CH157	-5.53	30.00	Pass
11n(HT20)	CH165	-5.07	30.00	Pass
11n(HT40)	CH151	-8.41	30.00	Pass
11n(HT40)	CH159	-8.35	30.00	Pass
11ac(VHT20)	CH149	-4.54	30.00	Pass
11ac(VHT20)	CH157	-5.16	30.00	Pass
11ac(VHT20)	CH165	-6.14	30.00	Pass
11ac(VHT40)	CH151	-7.68	30.00	Pass
11ac(VHT40)	CH159	-8.84	30.00	Pass
11ac(VHT80)	CH155	-11.13	30.00	Pass
11ax(HE20)(SU)	CH149	-4.86	30.00	Pass
11ax(HE20)(SU)	CH157	-5.80	30.00	Pass
11ax(HE20)(SU)	CH165	-5.35	30.00	Pass
11ax(HE40)(SU)	CH151	-7.92	30.00	Pass
11ax(HE40)(SU)	CH159	-8.85	30.00	Pass
11ax(HE80)(SU)	CH155	-11.26	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	4.26	10.00	Pass
11a	CH44	4.46	10.00	Pass
11a	CH48	4.08	10.00	Pass
11n (HT20)	CH36	4.24	10.00	Pass
11n (HT20)	CH44	4.56	10.00	Pass
11n (HT20)	CH48	4.02	10.00	Pass
11n (HT40)	CH38	1.17	10.00	Pass
11n (HT40)	CH46	1.34	10.00	Pass
11ac (VHT20)	CH36	4.24	10.00	Pass
11ac (VHT20)	CH44	4.62	10.00	Pass
11ac (VHT20)	CH48	3.85	10.00	Pass
11ac (VHT40)	CH38	1.30	10.00	Pass
11ac (VHT40)	CH46	1.11	10.00	Pass
11ac (VHT80)	CH42	-2.59	10.00	Pass
11ax (HE20)(SU)	CH36	2.03	10.00	Pass
11ax (HE20)(SU)	CH44	4.15	10.00	Pass
11ax (HE20)(SU)	CH48	3.72	10.00	Pass
11ax (HE40)(SU)	CH38	0.62	10.00	Pass
11ax (HE40)(SU)	CH46	0.98	10.00	Pass
11ax (HE80)(SU)	CH42	-1.65	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	3.65	Pass
11a	CH60	3.25	Pass
11a	CH64	3.83	Pass
11n (HT20)	CH52	2.58	Pass
11n (HT20)	CH60	3.32	Pass
11n (HT20)	CH64	3.20	Pass
11n (HT40)	CH54	0.22	Pass
11n (HT40)	CH62	-0.39	Pass
11ac (VHT20)	CH52	2.53	Pass
11ac (VHT20)	CH60	2.93	Pass
11ac (VHT20)	CH64	3.33	Pass
11ac (VHT40)	CH54	0.29	Pass
11ac (VHT40)	CH62	0.25	Pass
11ac (VHT80)	CH58	-2.76	Pass
11ax (HE20)(SU)	CH52	2.62	Pass
11ax (HE20)(SU)	CH60	2.99	Pass
11ax (HE20)(SU)	CH64	2.79	Pass
11ax (HE40)(SU)	CH54	0.51	Pass
11ax (HE40)(SU)	CH62	0.05	Pass
11ax (HE80)(SU)	CH58	-4.44	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	3.96	Pass
11a	CH116	2.60	Pass
11a	CH140	0.74	Pass
11n (HT20)	CH100	2.35	Pass
11n (HT20)	CH116	1.51	Pass
11n (HT20)	CH140	0.24	Pass
11n (HT40)	CH102	-0.63	Pass
11n (HT40)	CH118	-0.56	Pass
11n (HT40)	CH134	-1.45	Pass
11ac (VHT20)	CH100	2.94	Pass
11ac (VHT20)	CH116	2.42	Pass
11ac (VHT20)	CH140	1.10	Pass
11ac (VHT40)	CH102	0.01	Pass
11ac (VHT40)	CH118	-0.53	Pass
11ac (VHT40)	CH134	-1.51	Pass
11ac (VHT80)	CH106	-3.28	Pass
11ac (VHT80)	CH122	-4.77	Pass
11ax (HE20)(SU)	CH100	2.13	Pass
11ax (HE20)(SU)	CH116	2.22	Pass
11ax (HE20)(SU)	CH140	0.98	Pass
11ax (HE40)(SU)	CH102	-0.09	Pass
11ax (HE40)(SU)	CH118	-0.79	Pass
11ax (HE40)(SU)	CH134	-1.75	Pass
11ax (HE80)(SU)	CH106	-3.66	Pass
11ax (HE80)(SU)	CH122	-3.98	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-4.12	Pass
11a	CH157	-5.20	Pass
11a	CH165	-3.70	Pass
11n (HT20)	CH149	-4.26	Pass
11n (HT20)	CH157	-4.32	Pass
11n (HT20)	CH165	-3.86	Pass
11n (HT40)	CH151	-7.20	Pass
11n (HT40)	CH159	-7.14	Pass
11ac (VHT20)	CH149	-3.33	Pass
11ac (VHT20)	CH157	-3.95	Pass
11ac (VHT20)	CH165	-4.93	Pass
11ac (VHT40)	CH151	-6.47	Pass
11ac (VHT40)	CH159	-7.63	Pass
11ac (VHT80)	CH155	-9.92	Pass
11ax (HE20)(SU)	CH149	-3.65	Pass
11ax (HE20)(SU)	CH157	-4.59	Pass
11ax (HE20)(SU)	CH165	-4.14	Pass
11ax (HE40)(SU)	CH151	-6.71	Pass
11ax (HE40)(SU)	CH159	-7.64	Pass
11ax (HE80)(SU)	CH155	-10.05	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.

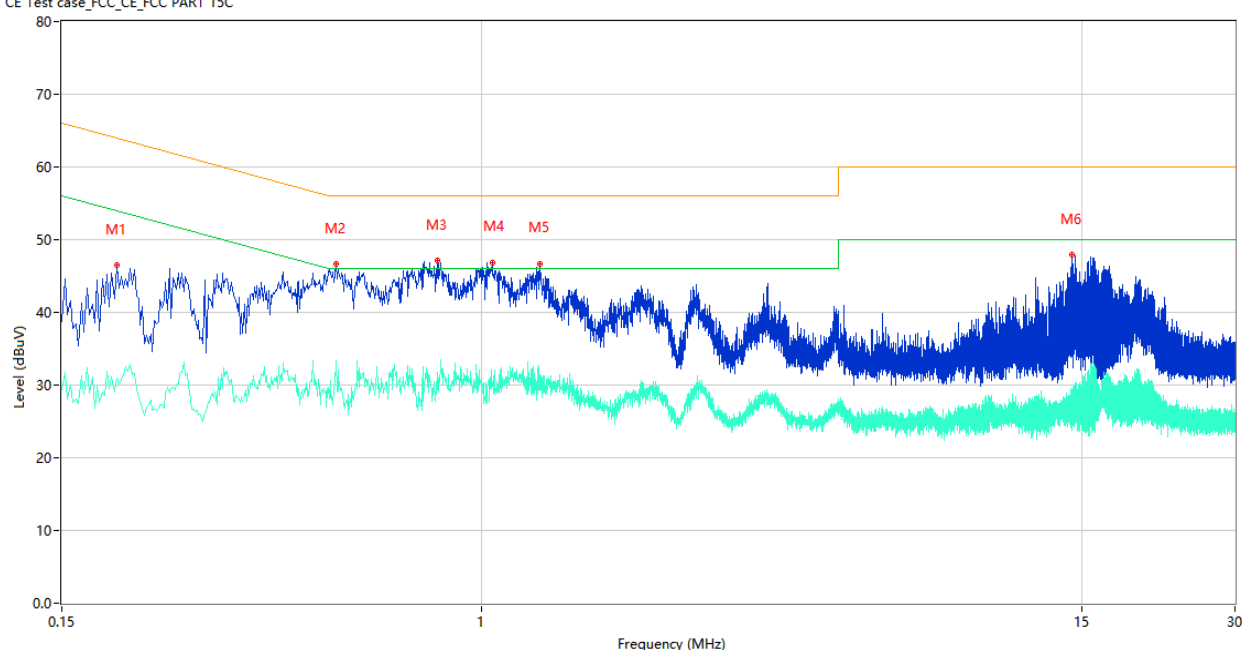
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

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Test Data and Plots

PHASE L

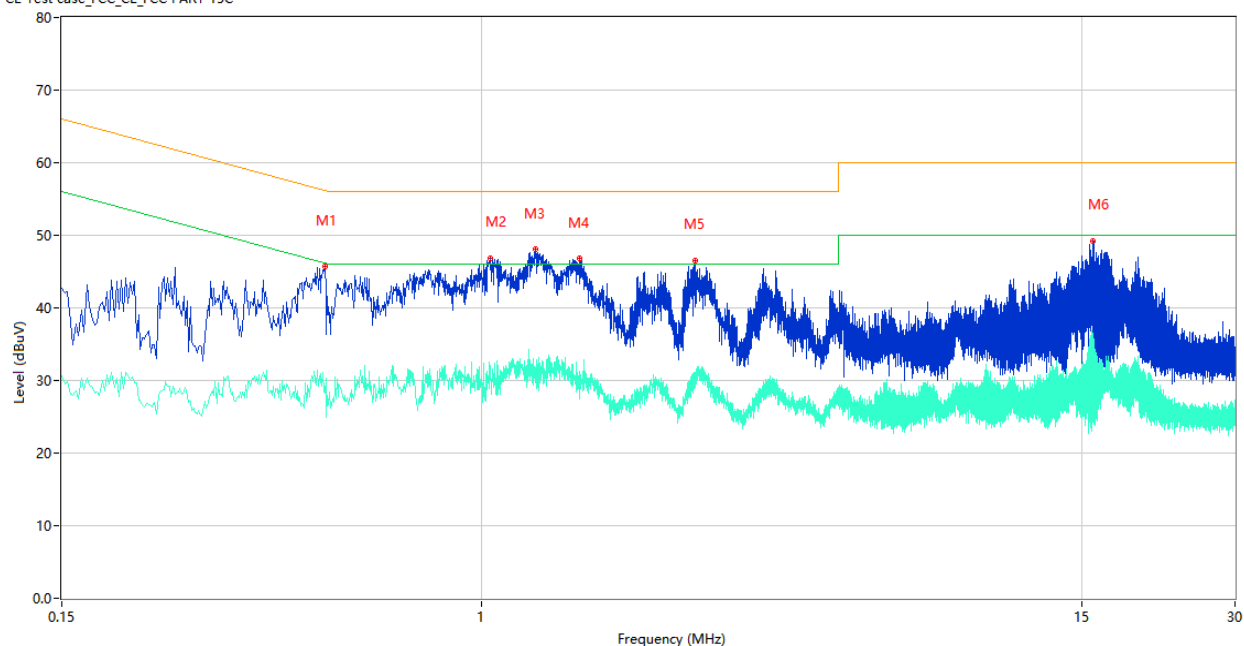
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.192	46.47	9.83	63.95	17.48	Peak	L	Pass
1**	0.192	30.93	9.83	53.95	23.02	AV	L	Pass
2	0.518	46.59	10.01	56.00	9.41	Peak	L	Pass
2**	0.518	33.40	10.01	46.00	12.60	AV	L	Pass
3	0.818	47.12	10.56	56.00	8.88	Peak	L	Pass
3**	0.818	31.71	10.56	46.00	14.29	AV	L	Pass
4	1.048	46.86	10.17	56.00	9.14	Peak	L	Pass
4**	1.048	30.45	10.17	46.00	15.55	AV	L	Pass
5	1.298	46.73	10.52	56.00	9.27	Peak	L	Pass
5**	1.298	31.50	10.52	46.00	14.50	AV	L	Pass
6	14.336	47.93	10.79	60.00	12.07	Peak	L	Pass
6**	14.336	29.31	10.79	50.00	20.69	AV	L	Pass
6**	8.838	31.42	10.45	50.00	18.58	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	0.492	45.72	10.00	56.13	10.41	Peak	N	Pass
1**	0.492	28.31	10.00	46.13	17.82	AV	N	Pass
2	1.040	46.89	10.14	56.00	9.11	Peak	N	Pass
2**	1.040	32.03	10.14	46.00	13.97	AV	N	Pass
3	1.274	48.03	10.49	56.00	7.97	Peak	N	Pass
3**	1.274	30.72	10.49	46.00	15.28	AV	N	Pass
4	1.554	46.75	10.13	56.00	9.25	Peak	N	Pass
4**	1.554	30.08	10.13	46.00	15.92	AV	N	Pass
5	2.626	46.52	10.01	56.00	9.48	Peak	N	Pass
5**	2.626	31.14	10.01	46.00	14.86	AV	N	Pass
6	15.806	49.26	10.69	60.00	10.74	Peak	N	Pass
6**	15.806	32.96	10.69	50.00	17.04	AV	N	Pass

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

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

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

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

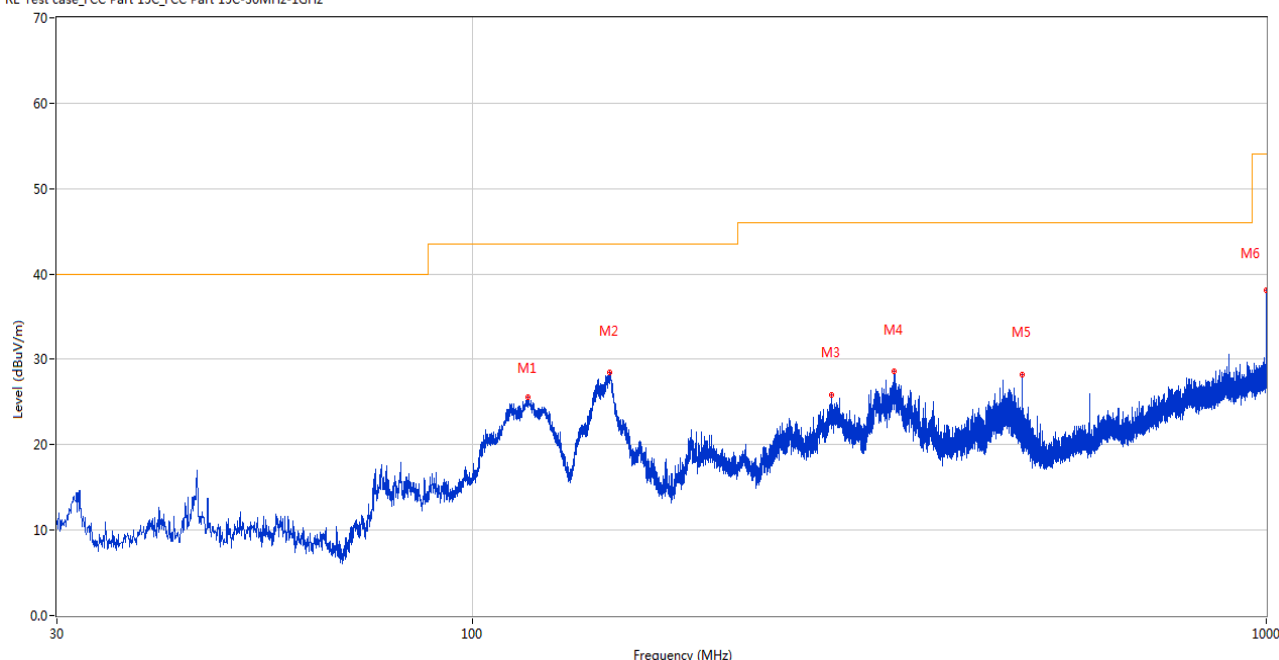
Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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Test Data and Plots

30 MHz to 1 GHz, ANT H

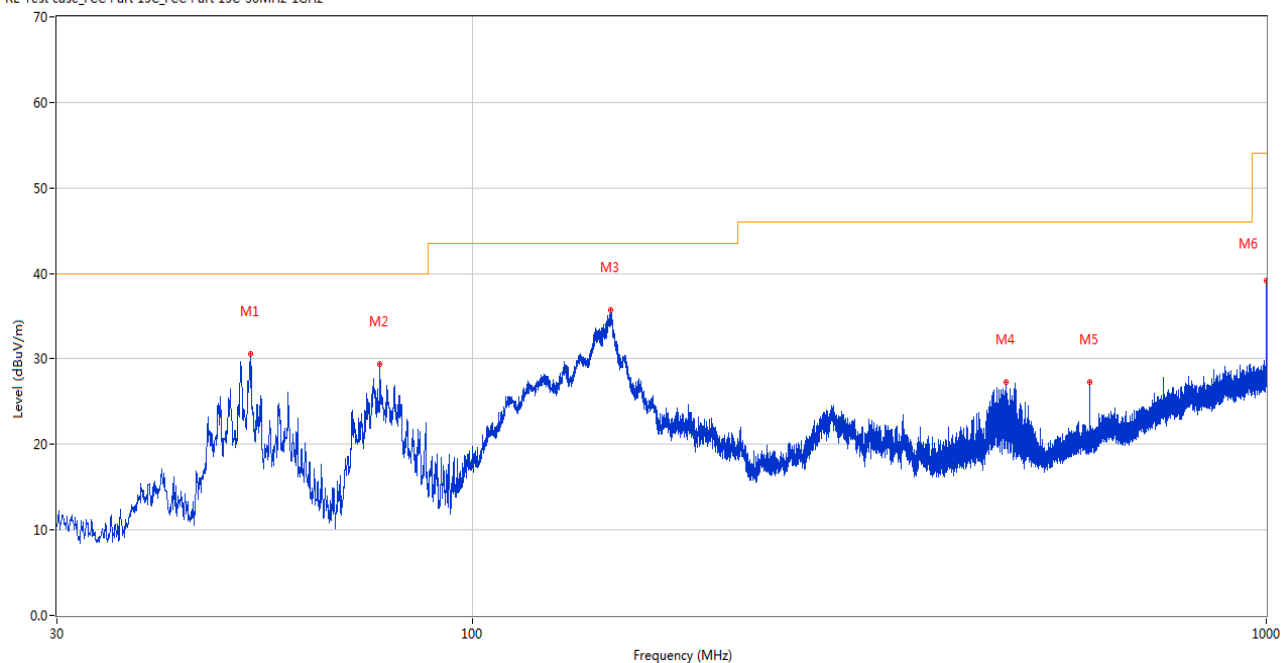
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	117.397	25.55	-28.43	43.5	17.95	Peak	89.00	200	Horizontal	Pass
2	148.971	28.41	-25.60	43.5	15.09	Peak	244.00	200	Horizontal	Pass
3	283.703	25.79	-25.46	46.0	20.21	Peak	95.00	100	Horizontal	Pass
4	339.672	28.54	-23.69	46.0	17.46	Peak	343.00	100	Horizontal	Pass
5	492.981	28.16	-19.53	46.0	17.84	Peak	184.00	100	Horizontal	Pass
6	999.951	38.09	-9.64	54.0	15.91	Peak	312.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.650	30.53	-26.70	40.0	9.47	Peak	175.00	100	Vertical	Pass
2	76.511	29.35	-29.90	40.0	10.65	Peak	69.00	100	Vertical	Pass
3	149.601	35.69	-25.53	43.5	7.81	Peak	259.00	100	Vertical	Pass
4	470.817	27.31	-19.64	46.0	18.69	Peak	148.00	200	Vertical	Pass
5	599.972	27.33	-16.89	46.0	18.67	Peak	128.00	100	Vertical	Pass
6	999.951	39.11	-9.64	54.0	14.89	Peak	335.00	200	Vertical	Pass

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

Replaceable Antenna Model 1: AF1013-T30A537

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	1515.068	42.25	74.0	31.75	Peak	58.00	100	Horizontal	Pass
1**	1515.068	28.84	54.0	25.16	AV	58.00	100	Horizontal	Pass
2	2348.398	41.97	74.0	32.03	Peak	206.00	100	Horizontal	Pass
2**	2348.398	37.77	54.0	16.23	AV	206.00	100	Horizontal	Pass
3	4207.030	46.78	74.0	27.22	Peak	125.00	200	Horizontal	Pass
3**	4207.030	36.25	54.0	17.75	AV	125.00	200	Horizontal	Pass
4	7432.990	52.21	74.0	21.79	Peak	338.00	200	Horizontal	Pass
4**	7432.990	44.49	54.0	9.51	AV	338.00	200	Horizontal	Pass
5	12515.500	53.22	74.0	20.78	Peak	251.00	300	Horizontal	Pass
5**	12515.500	45.15	54.0	8.85	AV	251.00	300	Horizontal	Pass
6	16149.797	54.94	74.0	19.06	Peak	26.00	300	Horizontal	Pass
6**	16149.797	43.04	54.0	10.96	AV	26.00	300	Horizontal	Pass

11a, 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	1571.025	39.32	74.0	34.68	Peak	153.00	200	Vertical	Pass
1**	1571.025	26.89	54.0	27.11	AV	153.00	200	Vertical	Pass
2	2346.781	46.86	74.0	27.14	Peak	151.00	100	Vertical	Pass
2**	2346.781	33.63	54.0	20.37	AV	151.00	100	Vertical	Pass
3	3919.127	47.45	74.0	26.55	Peak	206.00	200	Vertical	Pass
3**	3919.127	36.71	54.0	17.29	AV	206.00	200	Vertical	Pass
4	7680.621	54.94	74.0	19.06	Peak	33.00	200	Vertical	Pass
4**	7680.621	42.46	54.0	11.54	AV	33.00	200	Vertical	Pass
5	12531.837	53.12	74.0	20.88	Peak	218.00	400	Vertical	Pass
5**	12531.837	44.12	54.0	9.88	AV	218.00	400	Vertical	Pass
6	15378.496	55.88	74.0	18.12	Peak	334.00	100	Vertical	Pass
6**	15378.496	43.42	54.0	10.58	AV	334.00	100	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	1511.362	40.53	74.0	33.47	Peak	105.00	200	Horizontal	Pass
1**	1511.362	26.82	54.0	27.18	AV	105.00	200	Horizontal	Pass
2	2346.164	44.46	74.0	29.54	Peak	107.00	300	Horizontal	Pass
2**	2346.164	38.28	54.0	15.72	AV	107.00	300	Horizontal	Pass
3	4208.612	48.84	74.0	25.16	Peak	187.00	200	Horizontal	Pass
3**	4208.612	40.72	54.0	13.28	AV	187.00	200	Horizontal	Pass
4	7435.270	51.71	74.0	22.29	Peak	182.00	100	Horizontal	Pass
4**	7435.270	44.24	54.0	9.76	AV	182.00	100	Horizontal	Pass
5	12518.312	55.00	74.0	19.00	Peak	142.00	100	Horizontal	Pass
5**	12518.312	45.82	54.0	8.18	AV	142.00	100	Horizontal	Pass
6	16150.116	56.24	74.0	17.76	Peak	360.00	100	Horizontal	Pass
6**	16150.116	42.48	54.0	11.52	AV	360.00	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	1568.427	38.22	74.0	35.78	Peak	221.00	100	Vertical	Pass
1**	1568.427	28.79	54.0	25.21	AV	221.00	100	Vertical	Pass
2	2348.698	45.69	74.0	28.31	Peak	191.00	100	Vertical	Pass
2**	2348.698	31.57	54.0	22.43	AV	191.00	100	Vertical	Pass
3	3918.863	43.06	74.0	30.94	Peak	181.00	200	Vertical	Pass
3**	3918.863	33.93	54.0	20.07	AV	181.00	200	Vertical	Pass
4	7677.299	54.44	74.0	19.56	Peak	82.00	300	Vertical	Pass
4**	7677.299	45.24	54.0	8.76	AV	82.00	300	Vertical	Pass
5	12532.390	56.07	74.0	17.93	Peak	301.00	300	Vertical	Pass
5**	12532.390	43.40	54.0	10.60	AV	301.00	300	Vertical	Pass
6	15379.020	51.18	74.0	22.82	Peak	56.00	100	Vertical	Pass
6**	15379.020	47.25	54.0	6.75	AV	56.00	100	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	1514.260	38.76	74.0	35.24	Peak	101.00	200	Horizontal	Pass
1**	1514.260	27.39	54.0	26.61	AV	101.00	200	Horizontal	Pass
2	2346.150	45.23	74.0	28.77	Peak	126.00	100	Horizontal	Pass
2**	2346.150	34.77	54.0	19.23	AV	126.00	100	Horizontal	Pass
3	4202.307	48.32	74.0	25.68	Peak	38.00	200	Horizontal	Pass
3**	4202.307	37.39	54.0	16.61	AV	38.00	200	Horizontal	Pass
4	7431.849	54.26	74.0	19.74	Peak	14.00	200	Horizontal	Pass
4**	7431.849	41.38	54.0	12.62	AV	14.00	200	Horizontal	Pass
5	12514.928	53.77	74.0	20.23	Peak	177.00	100	Horizontal	Pass
5**	12514.928	44.43	54.0	9.57	AV	177.00	100	Horizontal	Pass
6	16144.290	56.08	74.0	17.92	Peak	132.00	100	Horizontal	Pass
6**	16144.290	44.10	54.0	9.90	AV	132.00	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	1571.564	33.75	74.0	40.25	Peak	334.00	100	Vertical	Pass
1**	1571.564	26.98	54.0	27.02	AV	334.00	100	Vertical	Pass
2	2350.535	47.53	74.0	26.47	Peak	56.00	400	Vertical	Pass
2**	2350.535	36.18	54.0	17.82	AV	56.00	400	Vertical	Pass
3	3917.352	44.06	74.0	29.94	Peak	108.00	200	Vertical	Pass
3**	3917.352	36.24	54.0	17.76	AV	108.00	200	Vertical	Pass
4	7678.560	51.30	74.0	22.70	Peak	251.00	100	Vertical	Pass
4**	7678.560	41.75	54.0	12.25	AV	251.00	100	Vertical	Pass
5	12527.338	57.95	74.0	16.05	Peak	115.00	200	Vertical	Pass
5**	12527.338	44.33	54.0	9.67	AV	115.00	200	Vertical	Pass
6	15384.192	50.97	74.0	23.03	Peak	24.00	400	Vertical	Pass
6**	15384.192	47.00	54.0	7.00	AV	24.00	400	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	1510.680	38.52	74.0	35.48	Peak	186.00	400	Horizontal	Pass
1**	1510.680	31.41	54.0	22.59	AV	186.00	400	Horizontal	Pass
2	2348.939	44.59	74.0	29.41	Peak	186.00	400	Horizontal	Pass
2**	2348.939	35.82	54.0	18.18	AV	186.00	400	Horizontal	Pass
3	4206.916	50.48	74.0	23.52	Peak	53.00	200	Horizontal	Pass
3**	4206.916	38.88	54.0	15.12	AV	53.00	200	Horizontal	Pass
4	7437.421	55.58	74.0	18.42	Peak	245.00	100	Horizontal	Pass
4**	7437.421	45.45	54.0	8.55	AV	245.00	100	Horizontal	Pass
5	12520.174	54.16	74.0	19.84	Peak	220.00	300	Horizontal	Pass
5**	12520.174	45.03	54.0	8.97	AV	220.00	300	Horizontal	Pass
6	16147.961	54.64	74.0	19.36	Peak	255.00	400	Horizontal	Pass
6**	16147.961	42.76	54.0	11.24	AV	255.00	400	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	1569.080	35.23	74.0	38.77	Peak	120.00	100	Vertical	Pass
1**	1569.080	27.03	54.0	26.97	AV	120.00	100	Vertical	Pass
2	2344.324	42.89	74.0	31.11	Peak	183.00	200	Vertical	Pass
2**	2344.324	31.21	54.0	22.79	AV	183.00	200	Vertical	Pass
3	3915.665	47.22	74.0	26.78	Peak	49.00	200	Vertical	Pass
3**	3915.665	33.68	54.0	20.32	AV	49.00	200	Vertical	Pass
4	7680.616	52.08	74.0	21.92	Peak	28.00	300	Vertical	Pass
4**	7680.616	45.25	54.0	8.75	AV	28.00	300	Vertical	Pass
5	12529.447	53.29	74.0	20.71	Peak	136.00	200	Vertical	Pass
5**	12529.447	40.82	54.0	13.18	AV	136.00	200	Vertical	Pass
6	15383.000	55.13	74.0	18.87	Peak	6.00	100	Vertical	Pass
6**	15383.000	44.08	54.0	9.92	AV	6.00	100	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	1514.948	38.80	74.0	35.20	Peak	356.00	300	Horizontal	Pass
1**	1514.948	28.66	54.0	25.34	AV	356.00	300	Horizontal	Pass
2	2350.372	46.96	74.0	27.04	Peak	117.00	200	Horizontal	Pass
2**	2350.372	37.83	54.0	16.17	AV	117.00	200	Horizontal	Pass
3	4207.952	45.28	74.0	28.72	Peak	266.00	200	Horizontal	Pass
3**	4207.952	37.77	54.0	16.23	AV	266.00	200	Horizontal	Pass
4	7430.657	55.95	74.0	18.05	Peak	175.00	300	Horizontal	Pass
4**	7430.657	42.52	54.0	11.48	AV	175.00	300	Horizontal	Pass
5	12517.985	58.61	74.0	15.39	Peak	162.00	300	Horizontal	Pass
5**	12517.985	46.46	54.0	7.54	AV	162.00	300	Horizontal	Pass
6	16149.138	55.71	74.0	18.29	Peak	211.00	300	Horizontal	Pass
6**	16149.138	40.89	54.0	13.11	AV	211.00	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	1567.815	37.62	74.0	36.38	Peak	84.00	100	Vertical	Pass
1**	1567.815	29.15	54.0	24.85	AV	84.00	100	Vertical	Pass
2	2348.367	42.47	74.0	31.53	Peak	87.00	100	Vertical	Pass
2**	2348.367	34.02	54.0	19.98	AV	87.00	100	Vertical	Pass
3	3914.966	45.60	74.0	28.40	Peak	15.00	200	Vertical	Pass
3**	3914.966	38.06	54.0	15.94	AV	15.00	200	Vertical	Pass
4	7680.170	49.96	74.0	24.04	Peak	23.00	400	Vertical	Pass
4**	7680.170	42.39	54.0	11.61	AV	23.00	400	Vertical	Pass
5	12525.949	55.43	74.0	18.57	Peak	244.00	200	Vertical	Pass
5**	12525.949	39.93	54.0	14.07	AV	244.00	200	Vertical	Pass
6	15381.387	51.37	74.0	22.63	Peak	319.00	300	Vertical	Pass
6**	15381.387	45.62	54.0	8.38	AV	319.00	300	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	1509.282	40.72	74.0	33.28	Peak	283.00	400	Horizontal	Pass
1**	1509.282	29.33	54.0	24.67	AV	283.00	400	Horizontal	Pass
2	2345.407	45.73	74.0	28.27	Peak	336.00	400	Horizontal	Pass
2**	2345.407	38.68	54.0	15.32	AV	336.00	400	Horizontal	Pass
3	4201.961	45.07	74.0	28.93	Peak	176.00	200	Horizontal	Pass
3**	4201.961	36.29	54.0	17.71	AV	176.00	200	Horizontal	Pass
4	7436.553	53.06	74.0	20.94	Peak	242.00	200	Horizontal	Pass
4**	7436.553	42.39	54.0	11.61	AV	242.00	200	Horizontal	Pass
5	12517.897	54.63	74.0	19.37	Peak	92.00	200	Horizontal	Pass
5**	12517.897	49.33	54.0	4.67	AV	92.00	200	Horizontal	Pass
6	16148.348	53.08	74.0	20.92	Peak	169.00	400	Horizontal	Pass
6**	16148.348	41.91	54.0	12.09	AV	169.00	400	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	1573.985	39.47	74.0	34.53	Peak	38.00	400	Vertical	Pass
1**	1573.985	24.52	54.0	29.48	AV	38.00	400	Vertical	Pass
2	2347.694	42.44	74.0	31.56	Peak	152.00	400	Vertical	Pass
2**	2347.694	32.94	54.0	21.06	AV	152.00	400	Vertical	Pass
3	3916.869	45.53	74.0	28.47	Peak	219.00	200	Vertical	Pass
3**	3916.869	35.14	54.0	18.86	AV	219.00	200	Vertical	Pass
4	7681.115	54.40	74.0	19.60	Peak	287.00	400	Vertical	Pass
4**	7681.115	45.03	54.0	8.97	AV	287.00	400	Vertical	Pass
5	12530.265	57.90	74.0	16.10	Peak	290.00	400	Vertical	Pass
5**	12530.265	45.58	54.0	8.42	AV	290.00	400	Vertical	Pass
6	15383.315	54.18	74.0	19.82	Peak	160.00	400	Vertical	Pass
6**	15383.315	44.65	54.0	9.35	AV	160.00	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	1507.853	37.24	74.0	36.76	Peak	87.00	400	Horizontal	Pass
1**	1507.853	29.29	54.0	24.71	AV	87.00	400	Horizontal	Pass
2	2348.444	42.28	74.0	31.72	Peak	183.00	100	Horizontal	Pass
2**	2348.444	36.82	54.0	17.18	AV	183.00	100	Horizontal	Pass
3	4208.372	48.53	74.0	25.47	Peak	131.00	200	Horizontal	Pass
3**	4208.372	35.21	54.0	18.79	AV	131.00	200	Horizontal	Pass
4	7433.655	56.81	74.0	17.19	Peak	124.00	400	Horizontal	Pass
4**	7433.655	42.43	54.0	11.57	AV	124.00	400	Horizontal	Pass
5	12518.872	52.94	74.0	21.06	Peak	36.00	400	Horizontal	Pass
5**	12518.872	46.35	54.0	7.65	AV	36.00	400	Horizontal	Pass
6	16150.535	53.04	74.0	20.96	Peak	342.00	400	Horizontal	Pass
6**	16150.535	43.96	54.0	10.04	AV	342.00	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	1570.941	36.69	74.0	37.31	Peak	100.00	300	Vertical	Pass
1**	1570.941	26.03	54.0	27.97	AV	100.00	300	Vertical	Pass
2	2346.239	45.64	74.0	28.36	Peak	166.00	300	Vertical	Pass
2**	2346.239	30.91	54.0	23.09	AV	166.00	300	Vertical	Pass
3	3920.376	45.98	74.0	28.02	Peak	354.00	200	Vertical	Pass
3**	3920.376	36.96	54.0	17.04	AV	354.00	200	Vertical	Pass
4	7678.031	50.99	74.0	23.01	Peak	236.00	400	Vertical	Pass
4**	7678.031	44.31	54.0	9.69	AV	236.00	400	Vertical	Pass
5	12533.023	56.12	74.0	17.88	Peak	262.00	300	Vertical	Pass
5**	12533.023	43.07	54.0	10.93	AV	262.00	300	Vertical	Pass
6	15383.258	52.71	74.0	21.29	Peak	73.00	200	Vertical	Pass
6**	15383.258	42.99	54.0	11.01	AV	73.00	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	1513.139	42.36	74.0	31.64	Peak	358.00	300	Horizontal	Pass
1**	1513.139	30.24	54.0	23.76	AV	358.00	300	Horizontal	Pass
2	2346.506	42.03	74.0	31.97	Peak	151.00	200	Horizontal	Pass
2**	2346.506	38.37	54.0	15.63	AV	151.00	200	Horizontal	Pass
3	4202.122	45.58	74.0	28.42	Peak	356.00	200	Horizontal	Pass
3**	4202.122	37.77	54.0	16.23	AV	356.00	200	Horizontal	Pass
4	7431.749	54.96	74.0	19.04	Peak	53.00	300	Horizontal	Pass
4**	7431.749	42.82	54.0	11.18	AV	53.00	300	Horizontal	Pass
5	12519.958	53.37	74.0	20.63	Peak	96.00	100	Horizontal	Pass
5**	12519.958	49.41	54.0	4.59	AV	96.00	100	Horizontal	Pass
6	16144.119	53.90	74.0	20.10	Peak	255.00	400	Horizontal	Pass
6**	16144.119	42.64	54.0	11.36	AV	255.00	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	1571.418	35.84	74.0	38.16	Peak	66.00	200	Vertical	Pass
1**	1571.418	26.24	54.0	27.76	AV	66.00	200	Vertical	Pass
2	2349.501	42.77	74.0	31.23	Peak	205.00	200	Vertical	Pass
2**	2349.501	32.36	54.0	21.64	AV	205.00	200	Vertical	Pass
3	3916.907	47.06	74.0	26.94	Peak	286.00	200	Vertical	Pass
3**	3916.907	36.14	54.0	17.86	AV	286.00	200	Vertical	Pass
4	7682.184	50.10	74.0	23.90	Peak	158.00	200	Vertical	Pass
4**	7682.184	43.99	54.0	10.01	AV	158.00	200	Vertical	Pass
5	12527.474	56.04	74.0	17.96	Peak	175.00	300	Vertical	Pass
5**	12527.474	44.31	54.0	9.69	AV	175.00	300	Vertical	Pass
6	15381.689	52.15	74.0	21.85	Peak	147.00	200	Vertical	Pass
6**	15381.689	44.70	54.0	9.30	AV	147.00	200	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	1508.122	37.85	74.0	36.15	Peak	120.00	200	Horizontal	Pass
1**	1508.122	27.97	54.0	26.03	AV	120.00	200	Horizontal	Pass
2	2352.215	43.95	74.0	30.05	Peak	307.00	200	Horizontal	Pass
2**	2352.215	35.24	54.0	18.76	AV	307.00	200	Horizontal	Pass
3	4203.174	48.74	74.0	25.26	Peak	211.00	200	Horizontal	Pass
3**	4203.174	39.68	54.0	14.32	AV	211.00	200	Horizontal	Pass
4	7437.672	54.37	74.0	19.63	Peak	0.00	100	Horizontal	Pass
4**	7437.672	42.92	54.0	11.08	AV	0.00	100	Horizontal	Pass
5	12518.987	54.66	74.0	19.34	Peak	297.00	100	Horizontal	Pass
5**	12518.987	49.41	54.0	4.59	AV	297.00	100	Horizontal	Pass
6	16144.868	51.73	74.0	22.27	Peak	47.00	300	Horizontal	Pass
6**	16144.868	43.06	54.0	10.94	AV	47.00	300	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	1569.371	35.64	74.0	38.36	Peak	51.00	400	Vertical	Pass
1**	1569.371	24.54	54.0	29.46	AV	51.00	400	Vertical	Pass
2	2344.504	45.67	74.0	28.33	Peak	44.00	400	Vertical	Pass
2**	2344.504	35.78	54.0	18.22	AV	44.00	400	Vertical	Pass
3	3920.719	43.75	74.0	30.25	Peak	353.00	200	Vertical	Pass
3**	3920.719	37.92	54.0	16.08	AV	353.00	200	Vertical	Pass
4	7677.989	50.21	74.0	23.79	Peak	191.00	200	Vertical	Pass
4**	7677.989	41.68	54.0	12.32	AV	191.00	200	Vertical	Pass
5	12527.620	52.86	74.0	21.14	Peak	268.00	100	Vertical	Pass
5**	12527.620	41.05	54.0	12.95	AV	268.00	100	Vertical	Pass
6	15383.221	53.39	74.0	20.61	Peak	115.00	300	Vertical	Pass
6**	15383.221	46.73	54.0	7.27	AV	115.00	300	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	1508.646	39.17	74.0	34.83	Peak	229.00	100	Horizontal	Pass
1**	1508.646	31.94	54.0	22.06	AV	229.00	100	Horizontal	Pass
2	2347.405	44.72	74.0	29.28	Peak	93.00	300	Horizontal	Pass
2**	2347.405	36.28	54.0	17.72	AV	93.00	300	Horizontal	Pass
3	4205.760	49.00	74.0	25.00	Peak	297.00	200	Horizontal	Pass
3**	4205.760	37.73	54.0	16.27	AV	297.00	200	Horizontal	Pass
4	7437.053	53.91	74.0	20.09	Peak	132.00	400	Horizontal	Pass
4**	7437.053	44.76	54.0	9.24	AV	132.00	400	Horizontal	Pass
5	12516.233	56.17	74.0	17.83	Peak	8.00	300	Horizontal	Pass
5**	12516.233	45.89	54.0	8.11	AV	8.00	300	Horizontal	Pass
6	16147.208	51.91	74.0	22.09	Peak	148.00	300	Horizontal	Pass
6**	16147.208	46.42	54.0	7.58	AV	148.00	300	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	1568.575	35.82	74.0	38.18	Peak	310.00	400	Vertical	Pass
1**	1568.575	29.36	54.0	24.64	AV	310.00	400	Vertical	Pass
2	2344.530	43.77	74.0	30.23	Peak	200.00	400	Vertical	Pass
2**	2344.530	34.67	54.0	19.33	AV	200.00	400	Vertical	Pass
3	3919.730	42.66	74.0	31.34	Peak	276.00	200	Vertical	Pass
3**	3919.730	38.48	54.0	15.52	AV	276.00	200	Vertical	Pass
4	7681.956	54.64	74.0	19.36	Peak	130.00	300	Vertical	Pass
4**	7681.956	43.72	54.0	10.28	AV	130.00	300	Vertical	Pass
5	12530.797	53.91	74.0	20.09	Peak	96.00	400	Vertical	Pass
5**	12530.797	44.46	54.0	9.54	AV	96.00	400	Vertical	Pass
6	15384.872	52.70	74.0	21.30	Peak	239.00	100	Vertical	Pass
6**	15384.872	46.07	54.0	7.93	AV	239.00	100	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	1510.679	38.81	74.0	35.19	Peak	59.00	400	Horizontal	Pass
1**	1510.679	31.54	54.0	22.46	AV	59.00	400	Horizontal	Pass
2	2345.349	46.70	74.0	27.30	Peak	90.00	400	Horizontal	Pass
2**	2345.349	39.44	54.0	14.56	AV	90.00	400	Horizontal	Pass
3	4203.310	49.29	74.0	24.71	Peak	36.00	200	Horizontal	Pass
3**	4203.310	37.76	54.0	16.24	AV	36.00	200	Horizontal	Pass
4	7431.313	54.81	74.0	19.19	Peak	91.00	400	Horizontal	Pass
4**	7431.313	43.80	54.0	10.20	AV	91.00	400	Horizontal	Pass
5	12519.477	54.48	74.0	19.52	Peak	93.00	300	Horizontal	Pass
5**	12519.477	48.62	54.0	5.38	AV	93.00	300	Horizontal	Pass
6	16150.884	54.05	74.0	19.95	Peak	116.00	300	Horizontal	Pass
6**	16150.884	46.54	54.0	7.46	AV	116.00	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	1574.382	36.49	74.0	37.51	Peak	232.00	100	Vertical	Pass
1**	1574.382	24.81	54.0	29.19	AV	232.00	100	Vertical	Pass
2	2348.778	44.13	74.0	29.87	Peak	105.00	100	Vertical	Pass
2**	2348.778	35.94	54.0	18.06	AV	105.00	100	Vertical	Pass
3	3919.587	45.28	74.0	28.72	Peak	90.00	200	Vertical	Pass
3**	3919.587	38.52	54.0	15.48	AV	90.00	200	Vertical	Pass
4	7681.925	50.23	74.0	23.77	Peak	142.00	200	Vertical	Pass
4**	7681.925	45.10	54.0	8.90	AV	142.00	200	Vertical	Pass
5	12529.697	54.95	74.0	19.05	Peak	173.00	200	Vertical	Pass
5**	12529.697	42.49	54.0	11.51	AV	173.00	200	Vertical	Pass
6	15380.495	53.29	74.0	20.71	Peak	6.00	400	Vertical	Pass
6**	15380.495	44.39	54.0	9.61	AV	6.00	400	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	1510.697	37.65	74.0	36.35	Peak	98.00	300	Horizontal	Pass
1**	1510.697	30.46	54.0	23.54	AV	98.00	300	Horizontal	Pass
2	2348.554	47.11	74.0	26.89	Peak	26.00	200	Horizontal	Pass
2**	2348.554	35.48	54.0	18.52	AV	26.00	200	Horizontal	Pass
3	4204.857	49.39	74.0	24.61	Peak	137.00	200	Horizontal	Pass
3**	4204.857	37.68	54.0	16.32	AV	137.00	200	Horizontal	Pass
4	7430.486	55.57	74.0	18.43	Peak	21.00	400	Horizontal	Pass
4**	7430.486	42.47	54.0	11.53	AV	21.00	400	Horizontal	Pass
5	12518.701	57.03	74.0	16.97	Peak	33.00	300	Horizontal	Pass
5**	12518.701	47.36	54.0	6.64	AV	33.00	300	Horizontal	Pass
6	16150.461	52.54	74.0	21.46	Peak	133.00	200	Horizontal	Pass
6**	16150.461	42.10	54.0	11.90	AV	133.00	200	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	1570.658	35.20	74.0	38.80	Peak	252.00	300	Vertical	Pass
1**	1570.658	24.66	54.0	29.34	AV	252.00	300	Vertical	Pass
2	2350.210	43.25	74.0	30.75	Peak	181.00	400	Vertical	Pass
2**	2350.210	35.03	54.0	18.97	AV	181.00	400	Vertical	Pass
3	3920.188	47.05	74.0	26.95	Peak	118.00	200	Vertical	Pass
3**	3920.188	36.14	54.0	17.86	AV	118.00	200	Vertical	Pass
4	7679.633	50.78	74.0	23.22	Peak	266.00	100	Vertical	Pass
4**	7679.633	41.81	54.0	12.19	AV	266.00	100	Vertical	Pass
5	12530.966	55.46	74.0	18.54	Peak	89.00	200	Vertical	Pass
5**	12530.966	40.34	54.0	13.66	AV	89.00	200	Vertical	Pass
6	15381.071	52.04	74.0	21.96	Peak	344.00	100	Vertical	Pass
6**	15381.071	42.41	54.0	11.59	AV	344.00	100	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	1511.521	37.41	74.0	36.59	Peak	161.00	100	Horizontal	Pass
1**	1511.521	27.09	54.0	26.91	AV	161.00	100	Horizontal	Pass
2	2348.618	41.99	74.0	32.01	Peak	9.00	400	Horizontal	Pass
2**	2348.618	39.83	54.0	14.17	AV	9.00	400	Horizontal	Pass
3	4206.004	48.08	74.0	25.92	Peak	256.00	200	Horizontal	Pass
3**	4206.004	39.72	54.0	14.28	AV	256.00	200	Horizontal	Pass
4	7435.357	52.29	74.0	21.71	Peak	238.00	200	Horizontal	Pass
4**	7435.357	44.97	54.0	9.03	AV	238.00	200	Horizontal	Pass
5	12516.051	53.23	74.0	20.77	Peak	48.00	300	Horizontal	Pass
5**	12516.051	48.49	54.0	5.51	AV	48.00	300	Horizontal	Pass
6	16150.069	55.79	74.0	18.21	Peak	314.00	100	Horizontal	Pass
6**	16150.069	45.02	54.0	8.98	AV	314.00	100	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	1570.589	34.75	74.0	39.25	Peak	24.00	100	Vertical	Pass
1**	1570.589	28.43	54.0	25.57	AV	24.00	100	Vertical	Pass
2	2344.882	46.44	74.0	27.56	Peak	129.00	300	Vertical	Pass
2**	2344.882	33.95	54.0	20.05	AV	129.00	300	Vertical	Pass
3	3919.576	46.28	74.0	27.72	Peak	172.00	200	Vertical	Pass
3**	3919.576	35.76	54.0	18.24	AV	172.00	200	Vertical	Pass
4	7682.420	53.41	74.0	20.59	Peak	198.00	300	Vertical	Pass
4**	7682.420	44.38	54.0	9.62	AV	198.00	300	Vertical	Pass
5	12532.816	57.95	74.0	16.05	Peak	9.00	400	Vertical	Pass
5**	12532.816	41.30	54.0	12.70	AV	9.00	400	Vertical	Pass
6	15383.429	55.02	74.0	18.98	Peak	237.00	100	Vertical	Pass
6**	15383.429	42.62	54.0	11.38	AV	237.00	100	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	1513.400	40.38	74.0	33.62	Peak	355.00	400	Horizontal	Pass
1**	1513.400	30.73	54.0	23.27	AV	355.00	400	Horizontal	Pass
2	2348.433	44.57	74.0	29.43	Peak	309.00	100	Horizontal	Pass
2**	2348.433	39.99	54.0	14.01	AV	309.00	100	Horizontal	Pass
3	4209.317	44.87	74.0	29.13	Peak	249.00	200	Horizontal	Pass
3**	4209.317	38.13	54.0	15.87	AV	249.00	200	Horizontal	Pass
4	7434.947	53.39	74.0	20.61	Peak	279.00	300	Horizontal	Pass
4**	7434.947	42.02	54.0	11.98	AV	279.00	300	Horizontal	Pass
5	12515.256	57.20	74.0	16.80	Peak	71.00	200	Horizontal	Pass
5**	12515.256	48.26	54.0	5.74	AV	71.00	200	Horizontal	Pass
6	16148.210	52.52	74.0	21.48	Peak	212.00	300	Horizontal	Pass
6**	16148.210	46.27	54.0	7.73	AV	212.00	300	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	1567.738	37.71	74.0	36.29	Peak	255.00	400	Vertical	Pass
1**	1567.738	28.90	54.0	25.10	AV	255.00	400	Vertical	Pass
2	2347.836	45.49	74.0	28.51	Peak	189.00	300	Vertical	Pass
2**	2347.836	34.60	54.0	19.40	AV	189.00	300	Vertical	Pass
3	3920.536	47.32	74.0	26.68	Peak	79.00	200	Vertical	Pass
3**	3920.536	33.93	54.0	20.07	AV	79.00	200	Vertical	Pass
4	7678.454	51.04	74.0	22.96	Peak	151.00	200	Vertical	Pass
4**	7678.454	46.99	54.0	7.01	AV	151.00	200	Vertical	Pass
5	12526.759	55.11	74.0	18.89	Peak	50.00	300	Vertical	Pass
5**	12526.759	43.84	54.0	10.16	AV	50.00	300	Vertical	Pass
6	15380.751	52.05	74.0	21.95	Peak	35.00	100	Vertical	Pass
6**	15380.751	43.39	54.0	10.61	AV	35.00	100	Vertical	Pass

11ax20(SU), 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	1510.951	37.20	74.0	36.80	Peak	12.00	100	Horizontal	Pass
1**	1510.951	32.57	54.0	21.43	AV	12.00	100	Horizontal	Pass
2	2345.663	42.34	74.0	31.66	Peak	136.00	400	Horizontal	Pass
2**	2345.663	40.43	54.0	13.57	AV	136.00	400	Horizontal	Pass
3	4204.971	47.56	74.0	26.44	Peak	136.00	200	Horizontal	Pass
3**	4204.971	38.08	54.0	15.92	AV	136.00	200	Horizontal	Pass
4	7434.747	52.83	74.0	21.17	Peak	292.00	200	Horizontal	Pass
4**	7434.747	45.40	54.0	8.60	AV	292.00	200	Horizontal	Pass
5	12520.450	55.53	74.0	18.47	Peak	80.00	300	Horizontal	Pass
5**	12520.450	45.47	54.0	8.53	AV	80.00	300	Horizontal	Pass
6	16144.841	54.28	74.0	19.72	Peak	241.00	100	Horizontal	Pass
6**	16144.841	42.26	54.0	11.74	AV	241.00	100	Horizontal	Pass

11ax20(SU), 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	1572.749	39.34	74.0	34.66	Peak	13.00	300	Vertical	Pass
1**	1572.749	26.33	54.0	27.67	AV	13.00	300	Vertical	Pass
2	2347.041	46.50	74.0	27.50	Peak	155.00	300	Vertical	Pass
2**	2347.041	35.57	54.0	18.43	AV	155.00	300	Vertical	Pass
3	3913.165	44.63	74.0	29.37	Peak	189.00	200	Vertical	Pass
3**	3913.165	34.02	54.0	19.98	AV	189.00	200	Vertical	Pass
4	7678.307	53.00	74.0	21.00	Peak	78.00	200	Vertical	Pass
4**	7678.307	45.43	54.0	8.57	AV	78.00	200	Vertical	Pass
5	12529.151	53.26	74.0	20.74	Peak	75.00	100	Vertical	Pass
5**	12529.151	41.17	54.0	12.83	AV	75.00	100	Vertical	Pass
6	15385.907	53.05	74.0	20.95	Peak	220.00	200	Vertical	Pass
6**	15385.907	45.14	54.0	8.86	AV	220.00	200	Vertical	Pass

11ax20(SU), 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	1514.771	39.17	74.0	34.83	Peak	280.00	100	Horizontal	Pass
1**	1514.771	28.34	54.0	25.66	AV	280.00	100	Horizontal	Pass
2	2346.960	44.81	74.0	29.19	Peak	39.00	200	Horizontal	Pass
2**	2346.960	37.32	54.0	16.68	AV	39.00	200	Horizontal	Pass
3	4203.957	45.52	74.0	28.48	Peak	283.00	200	Horizontal	Pass
3**	4203.957	35.62	54.0	18.38	AV	283.00	200	Horizontal	Pass
4	7434.904	53.79	74.0	20.21	Peak	209.00	200	Horizontal	Pass
4**	7434.904	45.17	54.0	8.83	AV	209.00	200	Horizontal	Pass
5	12521.645	56.83	74.0	17.17	Peak	235.00	200	Horizontal	Pass
5**	12521.645	49.54	54.0	4.46	AV	235.00	200	Horizontal	Pass
6	16150.697	53.00	74.0	21.00	Peak	240.00	100	Horizontal	Pass
6**	16150.697	41.31	54.0	12.69	AV	240.00	100	Horizontal	Pass

11ax20(SU), 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	1568.333	34.73	74.0	39.27	Peak	305.00	100	Vertical	Pass
1**	1568.333	27.65	54.0	26.35	AV	305.00	100	Vertical	Pass
2	2344.213	44.37	74.0	29.63	Peak	354.00	300	Vertical	Pass
2**	2344.213	30.57	54.0	23.43	AV	354.00	300	Vertical	Pass
3	3920.199	44.85	74.0	29.15	Peak	7.00	200	Vertical	Pass
3**	3920.199	38.76	54.0	15.24	AV	7.00	200	Vertical	Pass
4	7677.309	53.30	74.0	20.70	Peak	70.00	400	Vertical	Pass
4**	7677.309	43.78	54.0	10.22	AV	70.00	400	Vertical	Pass
5	12526.441	54.63	74.0	19.37	Peak	233.00	300	Vertical	Pass
5**	12526.441	42.47	54.0	11.53	AV	233.00	300	Vertical	Pass
6	15383.404	52.95	74.0	21.05	Peak	89.00	400	Vertical	Pass
6**	15383.404	42.69	54.0	11.31	AV	89.00	400	Vertical	Pass

11ax20(SU), 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	1508.457	41.50	74.0	32.50	Peak	221.00	100	Horizontal	Pass
1**	1508.457	27.26	54.0	26.74	AV	221.00	100	Horizontal	Pass
2	2350.428	41.88	74.0	32.12	Peak	320.00	100	Horizontal	Pass
2**	2350.428	39.74	54.0	14.26	AV	320.00	100	Horizontal	Pass
3	4206.743	49.47	74.0	24.53	Peak	222.00	200	Horizontal	Pass
3**	4206.743	37.07	54.0	16.93	AV	222.00	200	Horizontal	Pass
4	7430.634	54.77	74.0	19.23	Peak	96.00	100	Horizontal	Pass
4**	7430.634	44.46	54.0	9.54	AV	96.00	100	Horizontal	Pass
5	12518.847	53.59	74.0	20.41	Peak	161.00	200	Horizontal	Pass
5**	12518.847	48.17	54.0	5.83	AV	161.00	200	Horizontal	Pass
6	16147.146	56.85	74.0	17.15	Peak	91.00	200	Horizontal	Pass
6**	16147.146	41.33	54.0	12.67	AV	91.00	200	Horizontal	Pass

11ax20(SU), 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	1573.798	34.08	74.0	39.92	Peak	236.00	100	Vertical	Pass
1**	1573.798	27.10	54.0	26.90	AV	236.00	100	Vertical	Pass
2	2350.844	43.26	74.0	30.74	Peak	166.00	200	Vertical	Pass
2**	2350.844	35.76	54.0	18.24	AV	166.00	200	Vertical	Pass
3	3917.347	41.86	74.0	32.14	Peak	301.00	200	Vertical	Pass
3**	3917.347	36.71	54.0	17.29	AV	301.00	200	Vertical	Pass
4	7681.438	53.12	74.0	20.88	Peak	355.00	100	Vertical	Pass
4**	7681.438	44.22	54.0	9.78	AV	355.00	100	Vertical	Pass
5	12526.438	58.24	74.0	15.76	Peak	30.00	300	Vertical	Pass
5**	12526.438	41.63	54.0	12.37	AV	30.00	300	Vertical	Pass
6	15383.678	52.30	74.0	21.70	Peak	254.00	300	Vertical	Pass
6**	15383.678	45.33	54.0	8.67	AV	254.00	300	Vertical	Pass

11ax40(SU), 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	1514.085	37.07	74.0	36.93	Peak	179.00	300	Horizontal	Pass
1**	1514.085	29.88	54.0	24.12	AV	179.00	300	Horizontal	Pass
2	2352.379	42.39	74.0	31.61	Peak	326.00	400	Horizontal	Pass
2**	2352.379	38.04	54.0	15.96	AV	326.00	400	Horizontal	Pass
3	4207.674	47.13	74.0	26.87	Peak	52.00	200	Horizontal	Pass
3**	4207.674	40.04	54.0	13.96	AV	52.00	200	Horizontal	Pass
4	7430.623	52.47	74.0	21.53	Peak	83.00	300	Horizontal	Pass
4**	7430.623	44.48	54.0	9.52	AV	83.00	300	Horizontal	Pass
5	12521.522	55.33	74.0	18.67	Peak	16.00	200	Horizontal	Pass
5**	12521.522	47.16	54.0	6.84	AV	16.00	200	Horizontal	Pass
6	16143.813	51.98	74.0	22.02	Peak	234.00	400	Horizontal	Pass
6**	16143.813	44.39	54.0	9.61	AV	234.00	400	Horizontal	Pass

11ax40(SU), 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	1567.366	33.82	74.0	40.18	Peak	274.00	300	Vertical	Pass
1**	1567.366	25.77	54.0	28.23	AV	274.00	300	Vertical	Pass
2	2346.102	45.02	74.0	28.98	Peak	116.00	400	Vertical	Pass
2**	2346.102	34.85	54.0	19.15	AV	116.00	400	Vertical	Pass
3	3915.789	45.49	74.0	28.51	Peak	51.00	200	Vertical	Pass
3**	3915.789	37.90	54.0	16.10	AV	51.00	200	Vertical	Pass
4	7679.837	53.16	74.0	20.84	Peak	30.00	100	Vertical	Pass
4**	7679.837	46.46	54.0	7.54	AV	30.00	100	Vertical	Pass
5	12531.866	56.25	74.0	17.75	Peak	312.00	200	Vertical	Pass
5**	12531.866	40.20	54.0	13.80	AV	312.00	200	Vertical	Pass
6	15382.405	53.57	74.0	20.43	Peak	332.00	200	Vertical	Pass
6**	15382.405	41.64	54.0	12.36	AV	332.00	200	Vertical	Pass

11ax40(SU), 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	1512.353	42.26	74.0	31.74	Peak	332.00	100	Horizontal	Pass
1**	1512.353	30.10	54.0	23.90	AV	332.00	100	Horizontal	Pass
2	2351.042	46.23	74.0	27.77	Peak	290.00	100	Horizontal	Pass
2**	2351.042	38.89	54.0	15.11	AV	290.00	100	Horizontal	Pass
3	4201.726	47.07	74.0	26.93	Peak	73.00	200	Horizontal	Pass
3**	4201.726	37.89	54.0	16.11	AV	73.00	200	Horizontal	Pass
4	7433.204	54.87	74.0	19.13	Peak	53.00	400	Horizontal	Pass
4**	7433.204	45.31	54.0	8.69	AV	53.00	400	Horizontal	Pass
5	12516.774	56.54	74.0	17.46	Peak	118.00	400	Horizontal	Pass
5**	12516.774	48.23	54.0	5.77	AV	118.00	400	Horizontal	Pass
6	16144.576	56.63	74.0	17.37	Peak	257.00	300	Horizontal	Pass
6**	16144.576	44.18	54.0	9.82	AV	257.00	300	Horizontal	Pass

11ax40(SU), 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	1566.701	38.15	74.0	35.85	Peak	348.00	300	Vertical	Pass
1**	1566.701	25.40	54.0	28.60	AV	348.00	300	Vertical	Pass
2	2347.853	43.79	74.0	30.21	Peak	211.00	400	Vertical	Pass
2**	2347.853	31.55	54.0	22.45	AV	211.00	400	Vertical	Pass
3	3919.331	44.14	74.0	29.86	Peak	135.00	200	Vertical	Pass
3**	3919.331	35.64	54.0	18.36	AV	135.00	200	Vertical	Pass
4	7677.361	51.80	74.0	22.20	Peak	321.00	400	Vertical	Pass
4**	7677.361	44.89	54.0	9.11	AV	321.00	400	Vertical	Pass
5	12529.779	55.93	74.0	18.07	Peak	51.00	400	Vertical	Pass
5**	12529.779	42.03	54.0	11.97	AV	51.00	400	Vertical	Pass
6	15385.916	55.28	74.0	18.72	Peak	193.00	400	Vertical	Pass
6**	15385.916	44.91	54.0	9.09	AV	193.00	400	Vertical	Pass

11ax80(SU), 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	1507.789	38.93	74.0	35.07	Peak	249.00	200	Horizontal	Pass
1**	1507.789	32.53	54.0	21.47	AV	249.00	200	Horizontal	Pass
2	2351.810	43.04	74.0	30.96	Peak	233.00	300	Horizontal	Pass
2**	2351.810	39.52	54.0	14.48	AV	233.00	300	Horizontal	Pass
3	4209.022	48.09	74.0	25.91	Peak	163.00	200	Horizontal	Pass
3**	4209.022	39.92	54.0	14.08	AV	163.00	200	Horizontal	Pass
4	7433.751	56.25	74.0	17.75	Peak	257.00	300	Horizontal	Pass
4**	7433.751	43.48	54.0	10.52	AV	257.00	300	Horizontal	Pass
5	12515.141	56.42	74.0	17.58	Peak	318.00	100	Horizontal	Pass
5**	12515.141	49.54	54.0	4.46	AV	318.00	100	Horizontal	Pass
6	16147.175	57.01	74.0	16.99	Peak	193.00	400	Horizontal	Pass
6**	16147.175	41.47	54.0	12.53	AV	193.00	400	Horizontal	Pass

11ax80(SU), 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	1569.769	35.40	74.0	38.60	Peak	326.00	300	Vertical	Pass
1**	1569.769	28.18	54.0	25.82	AV	326.00	300	Vertical	Pass
2	2345.329	46.84	74.0	27.16	Peak	14.00	200	Vertical	Pass
2**	2345.329	32.48	54.0	21.52	AV	14.00	200	Vertical	Pass
3	3913.449	44.95	74.0	29.05	Peak	2.00	200	Vertical	Pass
3**	3913.449	33.60	54.0	20.40	AV	2.00	200	Vertical	Pass
4	7678.233	52.28	74.0	21.72	Peak	106.00	300	Vertical	Pass
4**	7678.233	46.66	54.0	7.34	AV	106.00	300	Vertical	Pass
5	12525.943	56.85	74.0	17.15	Peak	25.00	100	Vertical	Pass
5**	12525.943	42.16	54.0	11.84	AV	25.00	100	Vertical	Pass
6	15383.529	52.79	74.0	21.21	Peak	214.00	300	Vertical	Pass
6**	15383.529	47.46	54.0	6.54	AV	214.00	300	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	1526.679	40.68	74.0	33.32	Peak	320.00	100	Horizontal	Pass
1**	1526.679	27.90	54.0	26.10	AV	320.00	100	Horizontal	Pass
2	2278.121	42.21	74.0	31.79	Peak	133.00	300	Horizontal	Pass
2**	2278.121	36.59	54.0	17.41	AV	133.00	300	Horizontal	Pass
3	4044.821	49.84	74.0	24.16	Peak	102.00	200	Horizontal	Pass
3**	4044.821	37.33	54.0	16.67	AV	102.00	200	Horizontal	Pass
4	7617.794	50.73	74.0	23.27	Peak	92.00	400	Horizontal	Pass
4**	7617.794	40.67	54.0	13.33	AV	92.00	400	Horizontal	Pass
5	12450.944	55.14	74.0	18.86	Peak	4.00	200	Horizontal	Pass
5**	12450.944	46.66	54.0	7.34	AV	4.00	200	Horizontal	Pass
6	15907.664	52.55	74.0	21.45	Peak	296.00	300	Horizontal	Pass
6**	15907.664	43.51	54.0	10.49	AV	296.00	300	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	1532.634	38.47	74.0	35.53	Peak	67.00	300	Vertical	Pass
1**	1532.634	25.96	54.0	28.04	AV	67.00	300	Vertical	Pass
2	2335.898	45.30	74.0	28.70	Peak	257.00	400	Vertical	Pass
2**	2335.898	35.95	54.0	18.05	AV	257.00	400	Vertical	Pass
3	4903.339	50.94	74.0	23.06	Peak	29.00	200	Vertical	Pass
3**	4903.339	39.05	54.0	14.95	AV	29.00	200	Vertical	Pass
4	7324.139	50.95	74.0	23.05	Peak	22.00	300	Vertical	Pass
4**	7324.139	45.94	54.0	8.06	AV	22.00	300	Vertical	Pass
5	12488.244	52.93	74.0	21.07	Peak	339.00	100	Vertical	Pass
5**	12488.244	43.98	54.0	10.02	AV	339.00	100	Vertical	Pass
6	15690.667	52.71	74.0	21.29	Peak	20.00	200	Vertical	Pass
6**	15690.667	42.16	54.0	11.84	AV	20.00	200	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	1526.232	35.99	74.0	38.01	Peak	107.00	400	Horizontal	Pass
1**	1526.232	27.58	54.0	26.42	AV	107.00	400	Horizontal	Pass
2	2271.380	46.18	74.0	27.82	Peak	16.00	400	Horizontal	Pass
2**	2271.380	34.12	54.0	19.88	AV	16.00	400	Horizontal	Pass
3	4048.258	44.16	74.0	29.84	Peak	347.00	200	Horizontal	Pass
3**	4048.258	38.49	54.0	15.51	AV	347.00	200	Horizontal	Pass
4	7624.457	50.63	74.0	23.37	Peak	206.00	300	Horizontal	Pass
4**	7624.457	41.18	54.0	12.82	AV	206.00	300	Horizontal	Pass
5	12455.161	52.25	74.0	21.75	Peak	88.00	200	Horizontal	Pass
5**	12455.161	47.23	54.0	6.77	AV	88.00	200	Horizontal	Pass
6	15905.792	56.63	74.0	17.37	Peak	34.00	400	Horizontal	Pass
6**	15905.792	44.18	54.0	9.82	AV	34.00	400	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	1527.515	40.62	74.0	33.38	Peak	314.00	100	Vertical	Pass
1**	1527.515	27.80	54.0	26.20	AV	314.00	100	Vertical	Pass
2	2336.054	47.03	74.0	26.97	Peak	222.00	100	Vertical	Pass
2**	2336.054	37.21	54.0	16.79	AV	222.00	100	Vertical	Pass
3	4900.601	49.04	74.0	24.96	Peak	179.00	200	Vertical	Pass
3**	4900.601	38.33	54.0	15.67	AV	179.00	200	Vertical	Pass
4	7329.258	52.79	74.0	21.21	Peak	289.00	100	Vertical	Pass
4**	7329.258	43.81	54.0	10.19	AV	289.00	100	Vertical	Pass
5	12490.278	51.73	74.0	22.27	Peak	123.00	100	Vertical	Pass
5**	12490.278	44.06	54.0	9.94	AV	123.00	100	Vertical	Pass
6	15690.591	52.57	74.0	21.43	Peak	244.00	400	Vertical	Pass
6**	15690.591	45.30	54.0	8.70	AV	244.00	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	1525.397	37.31	74.0	36.69	Peak	88.00	100	Horizontal	Pass
1**	1525.397	26.52	54.0	27.48	AV	88.00	100	Horizontal	Pass
2	2273.208	42.04	74.0	31.96	Peak	193.00	200	Horizontal	Pass
2**	2273.208	35.60	54.0	18.40	AV	193.00	200	Horizontal	Pass
3	4049.592	45.04	74.0	28.96	Peak	314.00	200	Horizontal	Pass
3**	4049.592	38.90	54.0	15.10	AV	314.00	200	Horizontal	Pass
4	7618.342	52.67	74.0	21.33	Peak	130.00	100	Horizontal	Pass
4**	7618.342	43.20	54.0	10.80	AV	130.00	100	Horizontal	Pass
5	12457.764	51.28	74.0	22.72	Peak	18.00	300	Horizontal	Pass
5**	12457.764	44.98	54.0	9.02	AV	18.00	300	Horizontal	Pass
6	15902.772	51.47	74.0	22.53	Peak	329.00	100	Horizontal	Pass
6**	15902.772	43.11	54.0	10.89	AV	329.00	100	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	1532.055	37.16	74.0	36.84	Peak	71.00	200	Vertical	Pass
1**	1532.055	27.82	54.0	26.18	AV	71.00	200	Vertical	Pass
2	2337.790	42.13	74.0	31.87	Peak	264.00	300	Vertical	Pass
2**	2337.790	35.30	54.0	18.70	AV	264.00	300	Vertical	Pass
3	4902.284	50.13	74.0	23.87	Peak	78.00	200	Vertical	Pass
3**	4902.284	38.82	54.0	15.18	AV	78.00	200	Vertical	Pass
4	7326.450	55.56	74.0	18.44	Peak	159.00	400	Vertical	Pass
4**	7326.450	41.12	54.0	12.88	AV	159.00	400	Vertical	Pass
5	12484.498	52.97	74.0	21.03	Peak	225.00	300	Vertical	Pass
5**	12484.498	46.67	54.0	7.33	AV	225.00	300	Vertical	Pass
6	15687.817	55.72	74.0	18.28	Peak	308.00	100	Vertical	Pass
6**	15687.817	45.18	54.0	8.82	AV	308.00	100	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	1526.010	40.85	74.0	33.15	Peak	352.00	300	Horizontal	Pass
1**	1526.010	26.95	54.0	27.05	AV	352.00	300	Horizontal	Pass
2	2272.917	41.50	74.0	32.50	Peak	37.00	400	Horizontal	Pass
2**	2272.917	36.36	54.0	17.64	AV	37.00	400	Horizontal	Pass
3	4042.966	44.34	74.0	29.66	Peak	66.00	200	Horizontal	Pass
3**	4042.966	36.47	54.0	17.53	AV	66.00	200	Horizontal	Pass
4	7621.709	53.77	74.0	20.23	Peak	164.00	100	Horizontal	Pass
4**	7621.709	46.12	54.0	7.88	AV	164.00	100	Horizontal	Pass
5	12454.458	51.22	74.0	22.78	Peak	130.00	400	Horizontal	Pass
5**	12454.458	45.97	54.0	8.03	AV	130.00	400	Horizontal	Pass
6	15905.829	52.53	74.0	21.47	Peak	171.00	200	Horizontal	Pass
6**	15905.829	43.64	54.0	10.36	AV	171.00	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	1531.508	38.48	74.0	35.52	Peak	282.00	200	Vertical	Pass
1**	1531.508	27.50	54.0	26.50	AV	282.00	200	Vertical	Pass
2	2332.818	42.79	74.0	31.21	Peak	131.00	400	Vertical	Pass
2**	2332.818	36.39	54.0	17.61	AV	131.00	400	Vertical	Pass
3	4896.951	47.74	74.0	26.26	Peak	204.00	200	Vertical	Pass
3**	4896.951	40.78	54.0	13.22	AV	204.00	200	Vertical	Pass
4	7325.854	54.78	74.0	19.22	Peak	317.00	100	Vertical	Pass
4**	7325.854	41.21	54.0	12.79	AV	317.00	100	Vertical	Pass
5	12484.162	51.21	74.0	22.79	Peak	201.00	200	Vertical	Pass
5**	12484.162	45.80	54.0	8.20	AV	201.00	200	Vertical	Pass
6	15692.029	53.30	74.0	20.70	Peak	353.00	300	Vertical	Pass
6**	15692.029	42.55	54.0	11.45	AV	353.00	300	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	1524.757	41.21	74.0	32.79	Peak	139.00	100	Horizontal	Pass
1**	1524.757	28.73	54.0	25.27	AV	139.00	100	Horizontal	Pass
2	2278.632	44.59	74.0	29.41	Peak	12.00	400	Horizontal	Pass
2**	2278.632	34.15	54.0	19.85	AV	12.00	400	Horizontal	Pass
3	4045.312	44.71	74.0	29.29	Peak	60.00	200	Horizontal	Pass
3**	4045.312	40.03	54.0	13.97	AV	60.00	200	Horizontal	Pass
4	7620.629	55.82	74.0	18.18	Peak	6.00	100	Horizontal	Pass
4**	7620.629	43.63	54.0	10.37	AV	6.00	100	Horizontal	Pass
5	12451.913	52.40	74.0	21.60	Peak	346.00	200	Horizontal	Pass
5**	12451.913	47.42	54.0	6.58	AV	346.00	200	Horizontal	Pass
6	15906.821	55.31	74.0	18.69	Peak	256.00	400	Horizontal	Pass
6**	15906.821	43.71	54.0	10.29	AV	256.00	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	1532.512	40.98	74.0	33.02	Peak	288.00	100	Vertical	Pass
1**	1532.512	26.80	54.0	27.20	AV	288.00	100	Vertical	Pass
2	2334.336	45.32	74.0	28.68	Peak	295.00	100	Vertical	Pass
2**	2334.336	33.67	54.0	20.33	AV	295.00	100	Vertical	Pass
3	4899.982	50.13	74.0	23.87	Peak	192.00	200	Vertical	Pass
3**	4899.982	37.72	54.0	16.28	AV	192.00	200	Vertical	Pass
4	7325.519	55.14	74.0	18.86	Peak	43.00	100	Vertical	Pass
4**	7325.519	42.53	54.0	11.47	AV	43.00	100	Vertical	Pass
5	12486.359	55.77	74.0	18.23	Peak	297.00	400	Vertical	Pass
5**	12486.359	43.65	54.0	10.35	AV	297.00	400	Vertical	Pass
6	15688.267	53.68	74.0	20.32	Peak	256.00	400	Vertical	Pass
6**	15688.267	43.83	54.0	10.17	AV	256.00	400	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	1527.339	39.77	74.0	34.23	Peak	279.00	400	Horizontal	Pass
1**	1527.339	31.42	54.0	22.58	AV	279.00	400	Horizontal	Pass
2	2276.348	43.04	74.0	30.96	Peak	345.00	300	Horizontal	Pass
2**	2276.348	35.27	54.0	18.73	AV	345.00	300	Horizontal	Pass
3	4047.937	46.11	74.0	27.89	Peak	317.00	200	Horizontal	Pass
3**	4047.937	37.20	54.0	16.80	AV	317.00	200	Horizontal	Pass
4	7618.698	50.55	74.0	23.45	Peak	104.00	400	Horizontal	Pass
4**	7618.698	42.95	54.0	11.05	AV	104.00	400	Horizontal	Pass
5	12454.261	53.84	74.0	20.16	Peak	187.00	300	Horizontal	Pass
5**	12454.261	47.35	54.0	6.65	AV	187.00	300	Horizontal	Pass
6	15907.641	54.51	74.0	19.49	Peak	77.00	100	Horizontal	Pass
6**	15907.641	47.01	54.0	6.99	AV	77.00	100	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	1533.351	37.19	74.0	36.81	Peak	236.00	300	Vertical	Pass
1**	1533.351	28.50	54.0	25.50	AV	236.00	300	Vertical	Pass
2	2332.733	45.69	74.0	28.31	Peak	200.00	200	Vertical	Pass
2**	2332.733	33.04	54.0	20.96	AV	200.00	200	Vertical	Pass
3	4896.281	52.66	74.0	21.34	Peak	166.00	200	Vertical	Pass
3**	4896.281	37.54	54.0	16.46	AV	166.00	200	Vertical	Pass
4	7328.685	52.79	74.0	21.21	Peak	56.00	100	Vertical	Pass
4**	7328.685	42.55	54.0	11.45	AV	56.00	100	Vertical	Pass
5	12488.732	53.48	74.0	20.52	Peak	135.00	400	Vertical	Pass
5**	12488.732	41.12	54.0	12.88	AV	135.00	400	Vertical	Pass
6	15693.117	51.20	74.0	22.80	Peak	337.00	300	Vertical	Pass
6**	15693.117	44.81	54.0	9.19	AV	337.00	300	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	1522.541	41.21	74.0	32.79	Peak	102.00	200	Horizontal	Pass
1**	1522.541	27.65	54.0	26.35	AV	102.00	200	Horizontal	Pass
2	2278.100	42.20	74.0	31.80	Peak	321.00	100	Horizontal	Pass
2**	2278.100	34.79	54.0	19.21	AV	321.00	100	Horizontal	Pass
3	4050.465	46.79	74.0	27.21	Peak	72.00	200	Horizontal	Pass
3**	4050.465	39.61	54.0	14.39	AV	72.00	200	Horizontal	Pass
4	7618.012	51.35	74.0	22.65	Peak	118.00	100	Horizontal	Pass
4**	7618.012	45.30	54.0	8.70	AV	118.00	100	Horizontal	Pass
5	12451.842	52.30	74.0	21.70	Peak	92.00	200	Horizontal	Pass
5**	12451.842	43.27	54.0	10.73	AV	92.00	200	Horizontal	Pass
6	15902.523	51.15	74.0	22.85	Peak	126.00	400	Horizontal	Pass
6**	15902.523	42.12	54.0	11.88	AV	126.00	400	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	1529.941	38.68	74.0	35.32	Peak	59.00	300	Vertical	Pass
1**	1529.941	28.93	54.0	25.07	AV	59.00	300	Vertical	Pass
2	2331.733	44.94	74.0	29.06	Peak	207.00	200	Vertical	Pass
2**	2331.733	36.35	54.0	17.65	AV	207.00	200	Vertical	Pass
3	4903.507	51.07	74.0	22.93	Peak	318.00	200	Vertical	Pass
3**	4903.507	37.00	54.0	17.00	AV	318.00	200	Vertical	Pass
4	7326.915	54.77	74.0	19.23	Peak	180.00	400	Vertical	Pass
4**	7326.915	41.74	54.0	12.26	AV	180.00	400	Vertical	Pass
5	12483.609	52.40	74.0	21.60	Peak	72.00	400	Vertical	Pass
5**	12483.609	43.75	54.0	10.25	AV	72.00	400	Vertical	Pass
6	15694.979	51.07	74.0	22.93	Peak	9.00	100	Vertical	Pass
6**	15694.979	46.62	54.0	7.38	AV	9.00	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	1522.723	40.84	74.0	33.16	Peak	291.00	100	Horizontal	Pass
1**	1522.723	28.05	54.0	25.95	AV	291.00	100	Horizontal	Pass
2	2275.634	44.27	74.0	29.73	Peak	277.00	200	Horizontal	Pass
2**	2275.634	36.00	54.0	18.00	AV	277.00	200	Horizontal	Pass
3	4045.502	48.13	74.0	25.87	Peak	285.00	200	Horizontal	Pass
3**	4045.502	37.39	54.0	16.61	AV	285.00	200	Horizontal	Pass
4	7621.427	50.80	74.0	23.20	Peak	272.00	100	Horizontal	Pass
4**	7621.427	41.46	54.0	12.54	AV	272.00	100	Horizontal	Pass
5	12456.303	50.35	74.0	23.65	Peak	154.00	200	Horizontal	Pass
5**	12456.303	43.77	54.0	10.23	AV	154.00	200	Horizontal	Pass
6	15901.838	55.01	74.0	18.99	Peak	109.00	200	Horizontal	Pass
6**	15901.838	44.67	54.0	9.33	AV	109.00	200	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	1528.642	36.04	74.0	37.96	Peak	128.00	200	Vertical	Pass
1**	1528.642	30.27	54.0	23.73	AV	128.00	200	Vertical	Pass
2	2337.407	45.99	74.0	28.01	Peak	78.00	400	Vertical	Pass
2**	2337.407	36.00	54.0	18.00	AV	78.00	400	Vertical	Pass
3	4899.174	48.39	74.0	25.61	Peak	310.00	200	Vertical	Pass
3**	4899.174	41.50	54.0	12.50	AV	310.00	200	Vertical	Pass
4	7325.899	56.16	74.0	17.84	Peak	234.00	100	Vertical	Pass
4**	7325.899	43.04	54.0	10.96	AV	234.00	100	Vertical	Pass
5	12485.194	55.50	74.0	18.50	Peak	177.00	400	Vertical	Pass
5**	12485.194	42.44	54.0	11.56	AV	177.00	400	Vertical	Pass
6	15691.770	52.51	74.0	21.49	Peak	266.00	300	Vertical	Pass
6**	15691.770	42.94	54.0	11.06	AV	266.00	300	Vertical	Pass