ACCREDITED
CERT#4344.01

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:	A25001
Marketing Name:	A10-31MN, V10-31MN, A10-31M
Brand Name:	acer
FCC ID:	HLZA25001
ISED Number:	1754F-A25001
Test Standard:	47 CFR Part 15 Subpart E RSS-Gen Issue 5 RSS-247 Issue 3 (refer to section 3.1)
Sample Arrival Date:	Mar. 07, 2025
Test Date:	Mar. 14, 2025 - May 14, 2025
Date of Issue:	Jul. 01, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Julie zhu Ye Hongji Sunny Zou

Revision History

Version	Issue Date	Revisions
Rev. 01	Jul. 01, 2025	Initial Issue

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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	A25001
Marketing Name	A10-31MN, V10-31MN, A10-31M
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	818475568120
Hardware Version	BND-H60 V2.0
Software Version	Acer_AV0V0_A10-31MN_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 GPS, GLONASS, Galileo, BDS

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: 28.51 mW U-NII-2A: 23.71 mW U-NII-2C: 22.75 mW U-NII-3: 9.27 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Replaceable Antenna Model 1	AE1012
Replaceable Antenna Model 2	AF1012
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -4.08 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.35 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.28 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.28 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 Channel	U-NII-2A Channel	U-NII-2C Channel	U-NII-3 Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	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	42% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.2℃ to +24.3℃
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	MY52510065	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
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	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
				2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	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.

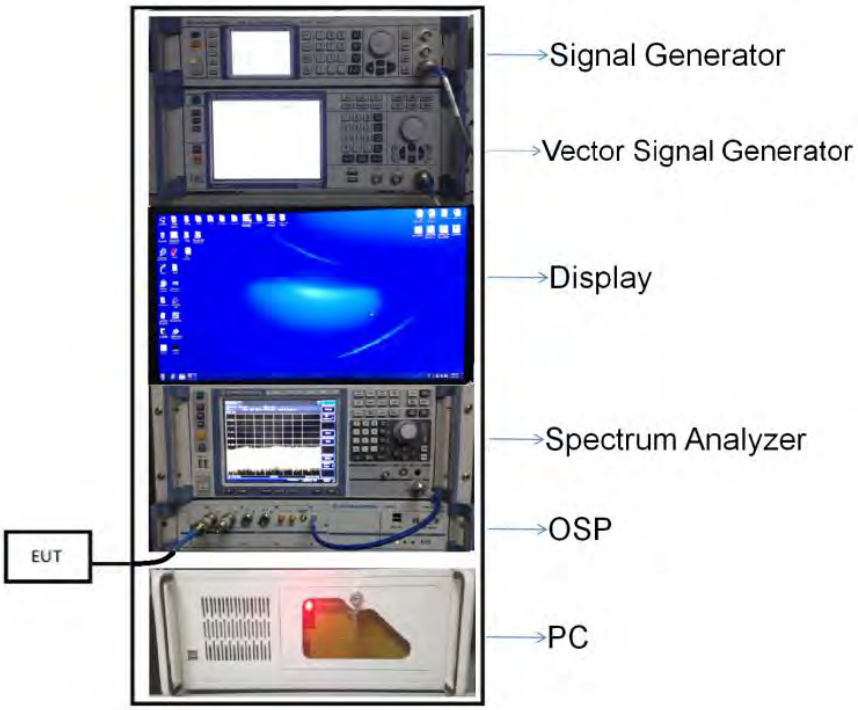
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

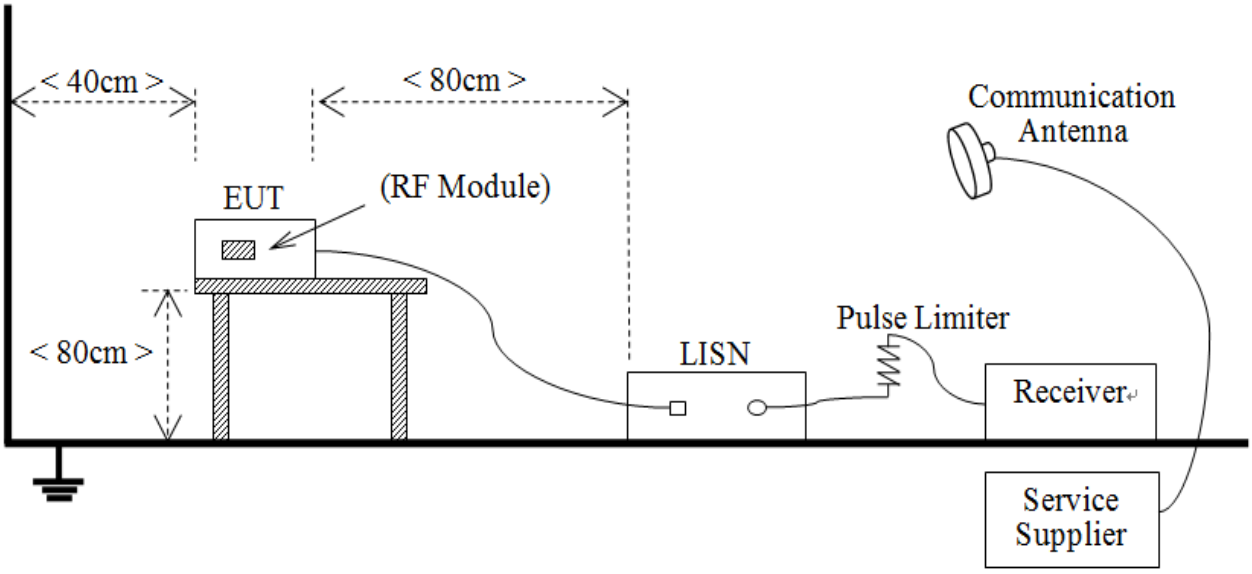
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



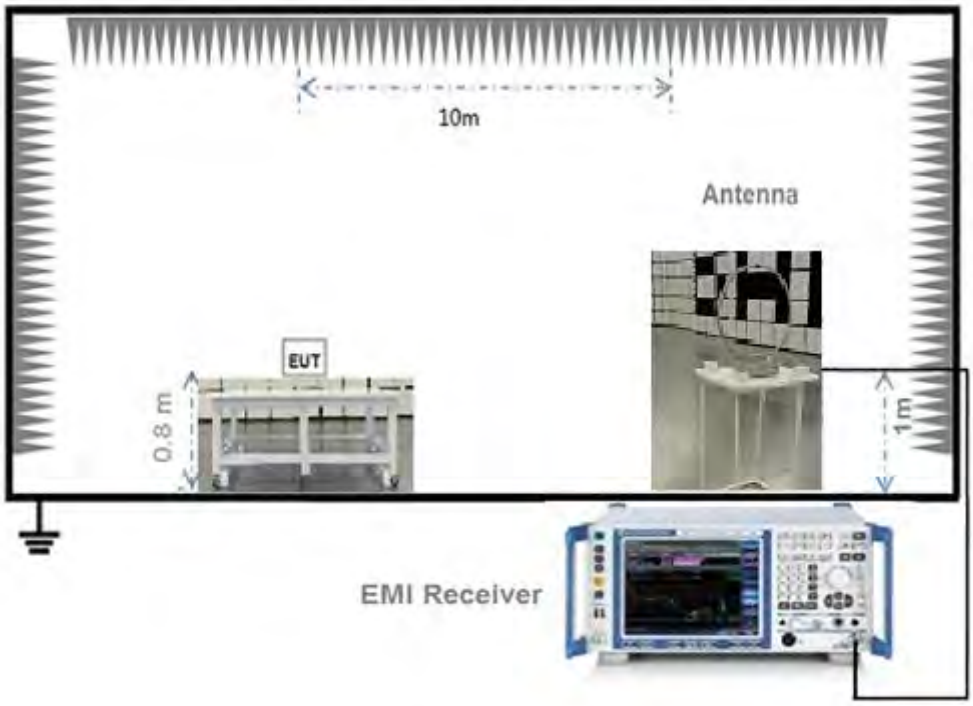
(Diagram 1)

4.5.2 For AC Power Supply Port Test



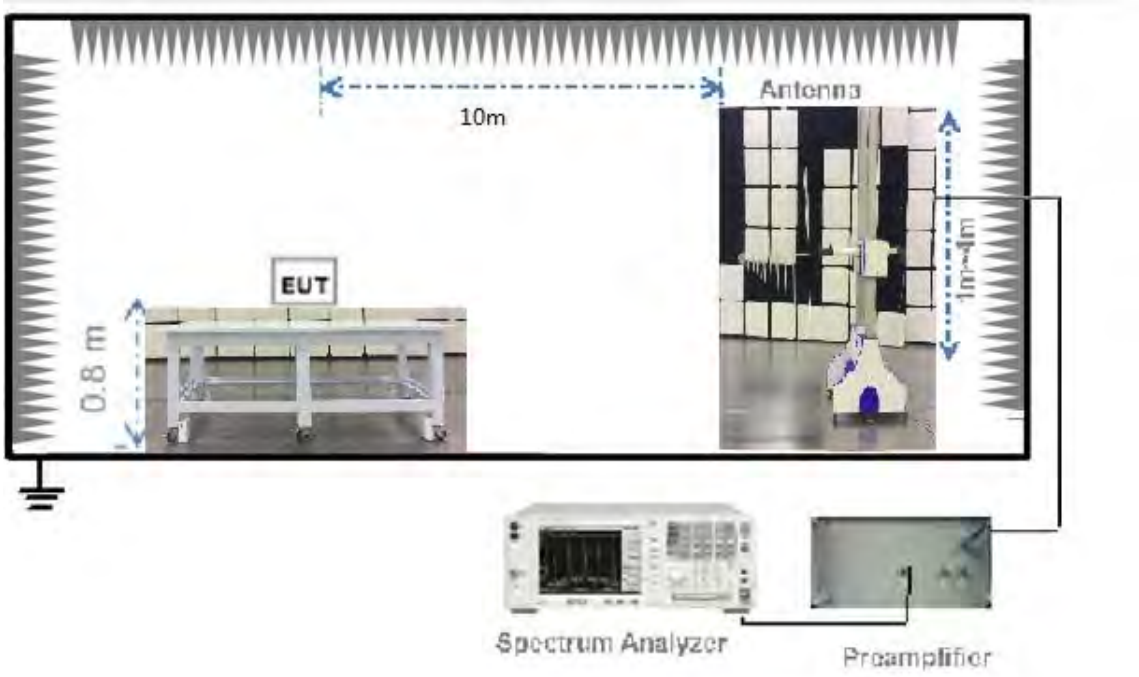
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



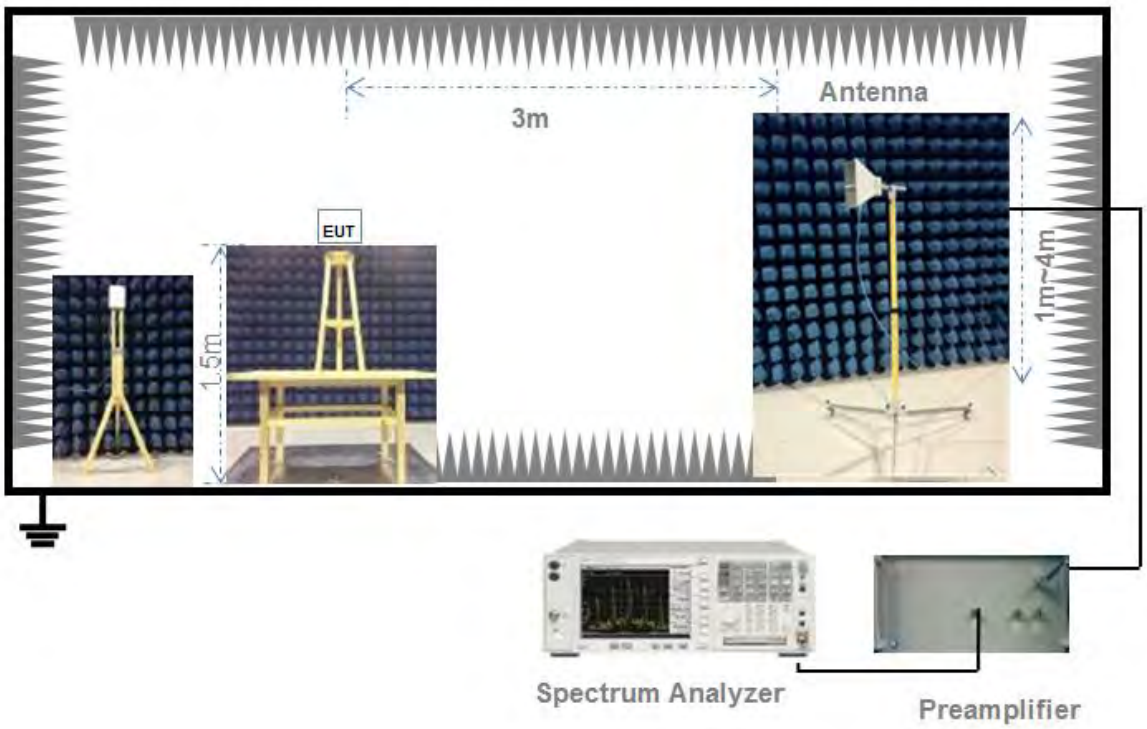
(Diagram 3)

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

<u>Maximum conducted (average) output power</u>

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 ≥ OBW if possible; otherwise, set RBW to the largest available value.

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

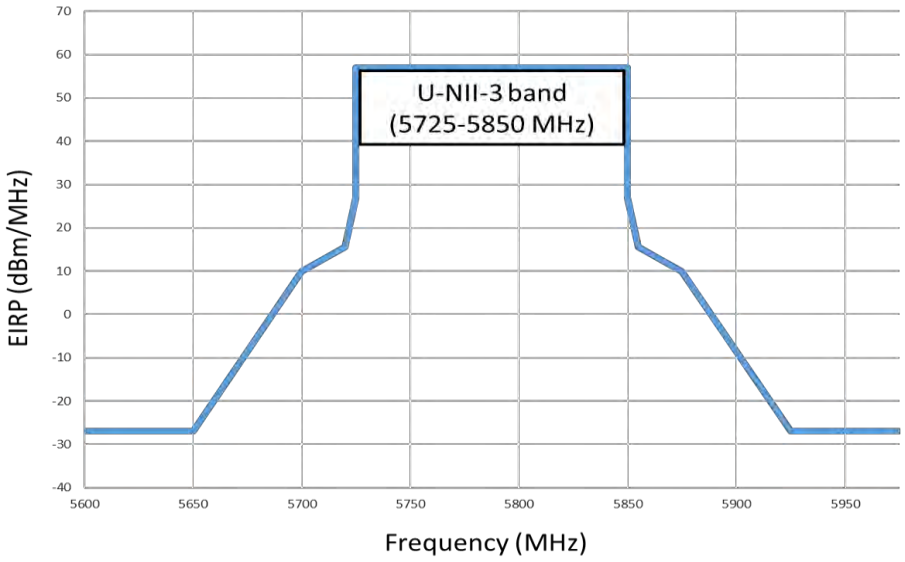
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	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:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/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 ≥ 3 x 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 ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (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 ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ 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: AE1012
Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	11.44	12.14%	9.16
11n(HT20)	4.91	15.14	32.45%	4.89
11n(HT40)	4.76	14.91	31.95%	4.96
11ac(VHT20)	4.91	15.14	32.45%	4.89
11ac(VHT40)	4.76	14.91	31.95%	4.96
11ac (VHT80)	4.39	14.59	30.07%	5.22
11ax (HE20)(SU)	3.69	13.89	26.53%	5.76
11ax (HE40)(SU)	4.76	14.91	31.95%	4.96
11ax (HE80)(SU)	4.39	14.59	30.07%	5.22

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.40	27.54	250	Pass
11a	CH44	13.74	23.66	250	Pass
11a	CH48	13.42	21.98	250	Pass
11n (HT20)	CH36	14.55	28.51	250	Pass
11n (HT20)	CH44	13.78	23.88	250	Pass
11n (HT20)	CH48	13.61	22.96	250	Pass
11n (HT40)	CH38	14.30	26.92	250	Pass
11n (HT40)	CH46	13.53	22.54	250	Pass
11ac (VHT20)	CH36	14.22	26.42	250	Pass
11ac (VHT20)	CH44	13.77	23.82	250	Pass
11ac (VHT20)	CH48	13.61	22.96	250	Pass
11ac (VHT40)	CH38	14.22	26.42	250	Pass
11ac (VHT40)	CH46	13.64	23.12	250	Pass
11ac (VHT80)	CH42	13.81	24.04	250	Pass
11ax (HE20)(SU)	CH36	14.27	26.73	250	Pass
11ax (HE20)(SU)	CH44	13.64	23.12	250	Pass
11ax (HE20)(SU)	CH48	13.35	21.63	250	Pass
11ax (HE40)(SU)	CH38	13.29	21.33	250	Pass
11ax (HE40)(SU)	CH46	12.71	18.66	250	Pass
11ax (HE80)(SU)	CH42	13.01	20.00	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.63	23.07	250	Pass
11a	CH60	13.16	20.70	250	Pass
11a	CH64	12.80	19.05	250	Pass
11n (HT20)	CH52	13.75	23.71	250	Pass
11n (HT20)	CH60	13.12	20.51	250	Pass
11n (HT20)	CH64	12.95	19.72	250	Pass
11n (HT40)	CH54	13.53	22.54	250	Pass
11n (HT40)	CH62	13.07	20.28	250	Pass
11ac (VHT20)	CH52	13.71	23.50	250	Pass
11ac (VHT20)	CH60	13.23	21.04	250	Pass
11ac (VHT20)	CH64	12.94	19.68	250	Pass
11ac (VHT40)	CH54	13.47	22.23	250	Pass
11ac (VHT40)	CH62	12.95	19.72	250	Pass
11ac (VHT80)	CH58	13.25	21.13	250	Pass
11ax (HE20)(SU)	CH52	13.46	22.18	250	Pass
11ax (HE20)(SU)	CH60	13.04	20.14	250	Pass
11ax (HE20)(SU)	CH64	12.72	18.71	250	Pass
11ax (HE40)(SU)	CH54	12.57	18.07	250	Pass
11ax (HE40)(SU)	CH62	12.11	16.26	250	Pass
11ax (HE80)(SU)	CH58	12.39	17.34	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.35	21.63	250	Pass
11a	CH116	12.95	19.72	250	Pass
11a	CH140	11.81	15.17	250	Pass
11n (HT20)	CH100	13.48	22.28	250	Pass
11n (HT20)	CH116	13.14	20.61	250	Pass
11n (HT20)	CH140	12.09	16.18	250	Pass
11n (HT40)	CH102	13.57	22.75	250	Pass
11n (HT40)	CH118	13.13	20.56	250	Pass
11n (HT40)	CH134	13.51	22.44	250	Pass
11ac (VHT20)	CH100	13.43	22.03	250	Pass
11ac (VHT20)	CH116	13.20	20.89	250	Pass
11ac (VHT20)	CH140	12.10	16.22	250	Pass
11ac (VHT40)	CH102	13.55	22.65	250	Pass
11ac (VHT40)	CH118	13.06	20.23	250	Pass
11ac (VHT40)	CH134	12.51	17.82	250	Pass
11ac (VHT80)	CH106	13.51	22.44	250	Pass
11ac (VHT80)	CH122	12.96	19.77	250	Pass
11ax (HE20)(SU)	CH100	13.34	21.58	250	Pass
11ax (HE20)(SU)	CH116	13.05	20.18	250	Pass
11ax (HE20)(SU)	CH140	11.85	15.31	250	Pass
11ax (HE40)(SU)	CH102	12.60	18.20	250	Pass
11ax (HE40)(SU)	CH118	12.19	16.56	250	Pass
11ax (HE40)(SU)	CH134	11.63	14.55	250	Pass
11ax (HE80)(SU)	CH106	12.64	18.37	250	Pass
11ax (HE80)(SU)	CH122	12.17	16.48	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	9.65	9.23	1000	Pass
11a	CH157	9.49	8.89	1000	Pass
11a	CH165	9.16	8.24	1000	Pass
11n (HT20)	CH149	9.54	8.99	1000	Pass
11n (HT20)	CH157	9.67	9.27	1000	Pass
11n (HT20)	CH165	9.40	8.71	1000	Pass
11n (HT40)	CH151	9.53	8.97	1000	Pass
11n (HT40)	CH159	9.56	9.04	1000	Pass
11ac (VHT20)	CH149	9.47	8.85	1000	Pass
11ac (VHT20)	CH157	9.51	8.93	1000	Pass
11ac (VHT20)	CH165	9.27	8.45	1000	Pass
11ac (VHT40)	CH151	9.46	8.83	1000	Pass
11ac (VHT40)	CH159	9.55	9.02	1000	Pass
11ac (VHT80)	CH155	9.34	8.59	1000	Pass
11ax (HE20)(SU)	CH149	9.63	9.18	1000	Pass
11ax (HE20)(SU)	CH157	9.48	8.87	1000	Pass
11ax (HE20)(SU)	CH165	9.20	8.32	1000	Pass
11ax (HE40)(SU)	CH151	9.07	8.07	1000	Pass
11ax (HE40)(SU)	CH159	8.65	7.33	1000	Pass
11ax (HE80)(SU)	CH155	8.91	7.78	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	10.32	10.76	167	Pass
11a	CH44	9.66	9.25	167	Pass
11a	CH48	9.34	8.59	167	Pass
11n (HT20)	CH36	10.47	11.14	179	Pass
11n (HT20)	CH44	9.70	9.33	179	Pass
11n (HT20)	CH48	9.53	8.97	179	Pass
11n (HT40)	CH38	10.22	10.52	200	Pass
11n (HT40)	CH46	9.45	8.81	200	Pass
11ac (VHT20)	CH36	10.14	10.33	179	Pass
11ac (VHT20)	CH44	9.69	9.31	179	Pass
11ac (VHT20)	CH48	9.53	8.97	179	Pass
11ac (VHT40)	CH38	10.14	10.33	200	Pass
11ac (VHT40)	CH46	9.56	9.04	200	Pass
11ac (VHT80)	CH42	9.73	9.40	200	Pass
11ax (HE20)(SU)	CH36	10.19	10.45	191	Pass
11ax (HE20)(SU)	CH44	9.56	9.04	190	Pass
11ax (HE20)(SU)	CH48	9.27	8.45	191	Pass
11ax (HE40)(SU)	CH38	9.21	8.34	200	Pass
11ax (HE40)(SU)	CH46	8.63	7.29	200	Pass
11ax (HE80)(SU)	CH42	8.93	7.82	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	15.98	39.63	839	Pass
11a	CH60	15.51	35.56	840	Pass
11a	CH64	15.15	32.73	838	Pass
11n (HT20)	CH52	16.10	40.74	896	Pass
11n (HT20)	CH60	15.47	35.24	898	Pass
11n (HT20)	CH64	15.30	33.88	896	Pass
11n (HT40)	CH54	15.88	38.73	1000	Pass
11n (HT40)	CH62	15.42	34.83	1000	Pass
11ac (VHT20)	CH52	16.06	40.36	897	Pass
11ac (VHT20)	CH60	15.58	36.14	898	Pass
11ac (VHT20)	CH64	15.29	33.81	897	Pass
11ac (VHT40)	CH54	15.82	38.19	1000	Pass
11ac (VHT40)	CH62	15.30	33.88	1000	Pass
11ac (VHT80)	CH58	15.60	36.31	1000	Pass
11ax (HE20)(SU)	CH52	15.81	38.11	955	Pass
11ax (HE20)(SU)	CH60	15.39	34.59	957	Pass
11ax (HE20)(SU)	CH64	15.07	32.14	954	Pass
11ax (HE40)(SU)	CH54	14.92	31.05	1000	Pass
11ax (HE40)(SU)	CH62	14.46	27.93	1000	Pass
11ax (HE80)(SU)	CH58	14.74	29.79	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	17.63	57.94	846	Pass
11a	CH116	17.23	52.84	844	Pass
11a	CH140	16.09	40.64	847	Pass
11n (HT20)	CH100	17.76	59.70	901	Pass
11n (HT20)	CH116	17.42	55.21	902	Pass
11n (HT20)	CH140	16.37	43.35	905	Pass
11n (HT40)	CH102	17.85	60.95	1000	Pass
11n (HT40)	CH118	17.41	55.08	1000	Pass
11n (HT40)	CH134	17.79	60.12	1000	Pass
11ac (VHT20)	CH100	17.71	59.02	905	Pass
11ac (VHT20)	CH116	17.48	55.98	906	Pass
11ac (VHT20)	CH140	16.38	43.45	906	Pass
11ac (VHT40)	CH102	17.83	60.67	1000	Pass
11ac (VHT40)	CH118	17.34	54.20	1000	Pass
11ac (VHT40)	CH134	16.79	47.75	1000	Pass
11ac (VHT80)	CH106	17.79	60.12	1000	Pass
11ac (VHT80)	CH122	17.24	52.97	1000	Pass
11ax (HE20)(SU)	CH100	17.62	57.81	962	Pass
11ax (HE20)(SU)	CH116	17.33	54.08	959	Pass
11ax (HE20)(SU)	CH140	16.13	41.02	961	Pass
11ax (HE40)(SU)	CH102	16.88	48.75	1000	Pass
11ax (HE40)(SU)	CH118	16.47	44.36	1000	Pass
11ax (HE40)(SU)	CH134	15.91	38.99	1000	Pass
11ax (HE80)(SU)	CH106	16.92	49.20	1000	Pass
11ax (HE80)(SU)	CH122	16.45	44.16	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	13.93	24.72	Pass
11a	CH157	13.77	23.82	Pass
11a	CH165	13.44	22.08	Pass
11n (HT20)	CH149	13.82	24.10	Pass
11n (HT20)	CH157	13.95	24.83	Pass
11n (HT20)	CH165	13.68	23.33	Pass
11n (HT40)	CH151	13.81	24.04	Pass
11n (HT40)	CH159	13.84	24.21	Pass
11ac (VHT20)	CH149	13.75	23.71	Pass
11ac (VHT20)	CH157	13.79	23.93	Pass
11ac (VHT20)	CH165	13.55	22.65	Pass
11ac (VHT40)	CH151	13.74	23.66	Pass
11ac (VHT40)	CH159	13.83	24.15	Pass
11ac (VHT80)	CH155	13.62	23.01	Pass
11ax (HE20)(SU)	CH149	13.91	24.60	Pass
11ax (HE20)(SU)	CH157	13.76	23.77	Pass
11ax (HE20)(SU)	CH165	13.48	22.28	Pass
11ax (HE40)(SU)	CH151	13.35	21.63	Pass
11ax (HE40)(SU)	CH159	12.93	19.63	Pass
11ax (HE80)(SU)	CH155	13.19	20.84	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2530401-604 Data Part 1.pdf”.

Replaceable Antenna Model 1: AE1012

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.05	16.74
11a	CH44	24.10	16.72
11a	CH48	24.58	16.74
11n (HT20)	CH36	24.54	17.91
11n (HT20)	CH44	24.90	17.89
11n (HT20)	CH48	25.19	17.91
11n (HT40)	CH38	45.35	36.46
11n (HT40)	CH46	45.29	36.38
11ac (VHT20)	CH36	24.63	17.90
11ac (VHT20)	CH44	24.86	17.90
11ac (VHT20)	CH48	24.21	17.93
11ac (VHT40)	CH38	46.28	36.47
11ac (VHT40)	CH46	45.40	36.48
11ac (VHT80)	CH42	87.46	75.98
11ax (HE20)(SU)	CH36	25.50	19.09
11ax (HE20)(SU)	CH44	26.16	19.03
11ax (HE20)(SU)	CH48	25.99	19.12
11ax (HE40)(SU)	CH38	45.44	37.91
11ax (HE40)(SU)	CH46	44.91	37.96
11ax (HE80)(SU)	CH42	86.66	77.27

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	25.13	16.73
11a	CH60	24.11	16.76
11a	CH64	24.82	16.73
11n (HT20)	CH52	25.34	17.89
11n (HT20)	CH60	24.56	17.91
11n (HT20)	CH64	24.17	17.89
11n (HT40)	CH54	45.03	36.44
11n (HT40)	CH62	45.60	36.47
11ac (VHT20)	CH52	25.01	17.89
11ac (VHT20)	CH60	24.46	17.93
11ac (VHT20)	CH64	24.79	17.90
11ac (VHT40)	CH54	46.39	36.52
11ac (VHT40)	CH62	45.51	36.55
11ac (VHT80)	CH58	92.95	76.20
11ax (HE20)(SU)	CH52	25.36	19.06
11ax (HE20)(SU)	CH60	25.94	19.10
11ax (HE20)(SU)	CH64	25.57	19.04
11ax (HE40)(SU)	CH54	45.16	37.88
11ax (HE40)(SU)	CH62	45.30	37.93
11ax (HE80)(SU)	CH58	87.15	77.57

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	25.19	16.88
11a	CH116	24.74	16.85
11a	CH140	25.45	16.91
11n (HT20)	CH100	26.67	17.98
11n (HT20)	CH116	26.05	18.00
11n (HT20)	CH140	25.63	18.05
11n (HT40)	CH102	45.97	36.59
11n (HT40)	CH118	47.04	36.69
11n (HT40)	CH134	46.48	36.59
11ac (VHT20)	CH100	25.26	18.05
11ac (VHT20)	CH116	26.29	18.08
11ac (VHT20)	CH140	25.58	18.07
11ac (VHT40)	CH102	46.43	36.73
11ac (VHT40)	CH118	46.32	36.68
11ac (VHT40)	CH134	46.98	36.72
11ac (VHT80)	CH106	91.27	76.55
11ac (VHT80)	CH122	89.31	76.47
11ax (HE20)(SU)	CH100	25.07	19.19
11ax (HE20)(SU)	CH116	25.20	19.13
11ax (HE20)(SU)	CH140	25.87	19.17
11ax (HE40)(SU)	CH102	45.80	38.10
11ax (HE40)(SU)	CH118	47.25	38.05
11ax (HE40)(SU)	CH134	46.11	38.09
11ax (HE80)(SU)	CH106	87.46	77.71
11ax (HE80)(SU)	CH122	88.53	77.72

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	25.62	16.87
11a	CH157	26.14	16.85
11a	CH165	25.30	16.93
11n (HT20)	CH149	26.24	18.03
11n (HT20)	CH157	26.06	18.09
11n (HT20)	CH165	25.75	18.08
11n (HT40)	CH151	46.62	36.66
11n (HT40)	CH159	46.86	36.77
11ac (VHT20)	CH149	25.73	18.06
11ac (VHT20)	CH157	26.05	18.05
11ac (VHT20)	CH165	25.73	18.04
11ac (VHT40)	CH151	47.09	36.75
11ac (VHT40)	CH159	46.79	36.80
11ac (VHT80)	CH155	89.99	76.64
11ax (HE20)(SU)	CH149	25.44	19.19
11ax (HE20)(SU)	CH157	25.26	19.16
11ax (HE20)(SU)	CH165	24.18	19.13
11ax (HE40)(SU)	CH151	45.78	38.12
11ax (HE40)(SU)	CH159	46.12	38.13
11ax (HE80)(SU)	CH155	88.61	77.78

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2530401-604 Data Part 2.pdf”.

Replaceable Antenna Model 1: AE1012

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.80	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.80	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	36.50	500.00	Pass
11n (HT40)	CH159	36.50	500.00	Pass
11ac (VHT20)	CH149	17.90	500.00	Pass
11ac (VHT20)	CH157	17.90	500.00	Pass
11ac (VHT20)	CH165	17.80	500.00	Pass
11ac (VHT40)	CH151	36.60	500.00	Pass
11ac (VHT40)	CH159	36.60	500.00	Pass
11ac (VHT80)	CH155	76.50	500.00	Pass
11ax (HE20)(SU)	CH149	19.10	500.00	Pass
11ax (HE20)(SU)	CH157	18.80	500.00	Pass
11ax (HE20)(SU)	CH165	19.20	500.00	Pass
11ax (HE40)(SU)	CH151	38.40	500.00	Pass
11ax (HE40)(SU)	CH159	38.30	500.00	Pass
11ax (HE80)(SU)	CH155	78.10	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2530401-604 Data Part 3.pdf”.
Note 2: PSD (dBm/MHz)=Measured PSD (dBm/MHz)+Duty Factor
Replaceable Antenna Model 1: AE1012
Test Data

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Measured PSD (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-7.06	2.10	11.00	Pass
11a	CH44	-7.79	1.37	11.00	Pass
11a	CH48	-7.90	1.26	11.00	Pass
11n (HT20)	CH36	-2.86	2.03	11.00	Pass
11n (HT20)	CH44	-4.20	0.69	11.00	Pass
11n (HT20)	CH48	-4.36	0.53	11.00	Pass
11n (HT40)	CH38	-6.48	-1.52	11.00	Pass
11n (HT40)	CH46	-7.17	-2.21	11.00	Pass
11ac (VHT20)	CH36	-2.74	2.15	11.00	Pass
11ac (VHT20)	CH44	-3.85	1.04	11.00	Pass
11ac (VHT20)	CH48	-4.13	0.76	11.00	Pass
11ac (VHT40)	CH38	-6.16	-1.20	11.00	Pass
11ac (VHT40)	CH46	-7.60	-2.64	11.00	Pass
11ac (VHT80)	CH42	-10.35	-5.13	11.00	Pass
11ax (HE20)(SU)	CH36	-4.45	1.31	11.00	Pass
11ax (HE20)(SU)	CH44	-4.38	1.39	11.00	Pass
11ax (HE20)(SU)	CH48	-4.79	0.97	11.00	Pass
11ax (HE40)(SU)	CH38	-7.39	-2.43	11.00	Pass
11ax (HE40)(SU)	CH46	-8.07	-3.11	11.00	Pass
11ax (HE80)(SU)	CH42	-10.58	-5.36	11.00	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Measured PSD (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-6.78	2.39	11.00	Pass
11a	CH60	-8.32	0.84	11.00	Pass
11a	CH64	-8.63	0.53	11.00	Pass
11n (HT20)	CH52	-4.00	0.89	11.00	Pass
11n (HT20)	CH60	-5.04	-0.15	11.00	Pass
11n (HT20)	CH64	-5.07	-0.18	11.00	Pass
11n (HT40)	CH54	-7.62	-2.66	11.00	Pass
11n (HT40)	CH62	-7.92	-2.96	11.00	Pass
11ac (VHT20)	CH52	-4.35	0.54	11.00	Pass
11ac (VHT20)	CH60	-5.02	-0.13	11.00	Pass
11ac (VHT20)	CH64	-5.32	-0.43	11.00	Pass
11ac (VHT40)	CH54	-7.38	-2.42	11.00	Pass
11ac (VHT40)	CH62	-7.61	-2.65	11.00	Pass
11ac (VHT80)	CH58	-11.15	-5.93	11.00	Pass
11ax (HE20)(SU)	CH52	-5.13	0.63	11.00	Pass
11ax (HE20)(SU)	CH60	-6.07	-0.31	11.00	Pass
11ax (HE20)(SU)	CH64	-5.97	-0.21	11.00	Pass
11ax (HE40)(SU)	CH54	-8.29	-3.33	11.00	Pass
11ax (HE40)(SU)	CH62	-9.10	-4.14	11.00	Pass
11ax (HE80)(SU)	CH58	-11.31	-6.09	11.00	Pass

U-NII-2C (5470 – 5725 MHz)					
Mode	Channel	Measured PSD (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-7.97	1.19	11.00	Pass
11a	CH116	-7.41	1.75	11.00	Pass
11a	CH140	-9.37	-0.21	11.00	Pass
11n (HT20)	CH100	-3.65	1.24	11.00	Pass
11n (HT20)	CH116	-4.29	0.60	11.00	Pass
11n (HT20)	CH140	-6.02	-1.13	11.00	Pass
11n (HT40)	CH102	-7.07	-2.11	11.00	Pass
11n (HT40)	CH118	-7.54	-2.58	11.00	Pass
11n (HT40)	CH134	-8.83	-3.87	11.00	Pass
11ac (VHT20)	CH100	-4.04	0.85	11.00	Pass
11ac (VHT20)	CH116	-4.18	0.71	11.00	Pass
11ac (VHT20)	CH140	-6.36	-1.47	11.00	Pass
11ac (VHT40)	CH102	-6.65	-1.69	11.00	Pass
11ac (VHT40)	CH118	-7.45	-2.49	11.00	Pass
11ac (VHT40)	CH134	-8.87	-3.91	11.00	Pass
11ac (VHT80)	CH106	-10.48	-5.26	11.00	Pass
11ac (VHT80)	CH122	-11.07	-5.85	11.00	Pass
11ax(HE20)	CH100	-5.00	0.76	11.00	Pass
11ax(HE20)	CH116	-5.09	0.67	11.00	Pass
11ax(HE20)	CH140	-7.24	-1.48	11.00	Pass
11ax(HE40)	CH102	-7.57	-2.61	11.00	Pass
11ax(HE40)	CH118	-8.25	-3.29	11.00	Pass
11ax(HE40)	CH134	-9.70	-4.74	11.00	Pass
11ax(HE80)	CH106	-11.16	-5.94	11.00	Pass
11ax(HE80)	CH122	-11.82	-6.60	11.00	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Measured PSD (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/MHz)	Verdict
11a	CH149	-14.69	-5.53	30.00	Pass
11a	CH157	-14.73	-5.57	30.00	Pass
11a	CH165	-15.70	-6.54	30.00	Pass
11n (HT20)	CH149	-10.95	-6.06	30.00	Pass
11n (HT20)	CH157	-11.42	-6.53	30.00	Pass
11n (HT20)	CH165	-11.64	-6.75	30.00	Pass
11n (HT40)	CH151	-13.93	-8.97	30.00	Pass
11n (HT40)	CH159	-14.57	-9.61	30.00	Pass
11ac (VHT20)	CH149	-10.78	-5.89	30.00	Pass
11ac (VHT20)	CH157	-11.02	-6.13	30.00	Pass
11ac (VHT20)	CH165	-11.85	-6.96	30.00	Pass
11ac (VHT40)	CH151	-13.36	-8.40	30.00	Pass
11ac (VHT40)	CH159	-14.43	-9.47	30.00	Pass
11ac (VHT80)	CH155	-17.61	-12.39	30.00	Pass
11ax (HE20)(SU)	CH149	-11.63	-5.87	30.00	Pass
11ax (HE20)(SU)	CH157	-12.44	-6.68	30.00	Pass
11ax (HE20)(SU)	CH165	-12.21	-6.45	30.00	Pass
11ax (HE40)(SU)	CH151	-14.14	-9.18	30.00	Pass
11ax (HE40)(SU)	CH159	-15.09	-10.13	30.00	Pass
11ax (HE80)(SU)	CH155	-18.75	-13.53	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	-1.98	10.00	Pass
11a	CH44	-2.71	10.00	Pass
11a	CH48	-2.82	10.00	Pass
11n (HT20)	CH36	-2.05	10.00	Pass
11n (HT20)	CH44	-3.39	10.00	Pass
11n (HT20)	CH48	-3.55	10.00	Pass
11n (HT40)	CH38	-5.60	10.00	Pass
11n (HT40)	CH46	-6.29	10.00	Pass
11ac (VHT20)	CH36	-1.93	10.00	Pass
11ac (VHT20)	CH44	-3.04	10.00	Pass
11ac (VHT20)	CH48	-3.32	10.00	Pass
11ac (VHT40)	CH38	-5.28	10.00	Pass
11ac (VHT40)	CH46	-6.72	10.00	Pass
11ac (VHT80)	CH42	-9.21	10.00	Pass
11ax (HE20)(SU)	CH36	-2.77	10.00	Pass
11ax (HE20)(SU)	CH44	-2.70	10.00	Pass
11ax (HE20)(SU)	CH48	-3.11	10.00	Pass
11ax (HE40)(SU)	CH38	-6.51	10.00	Pass
11ax (HE40)(SU)	CH46	-7.19	10.00	Pass
11ax (HE80)(SU)	CH42	-9.44	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	4.74	Pass
11a	CH60	3.19	Pass
11a	CH64	2.88	Pass
11n (HT20)	CH52	3.24	Pass
11n (HT20)	CH60	2.20	Pass
11n (HT20)	CH64	2.17	Pass
11n (HT40)	CH54	-0.31	Pass
11n (HT40)	CH62	-0.61	Pass
11ac (VHT20)	CH52	2.89	Pass
11ac (VHT20)	CH60	2.22	Pass
11ac (VHT20)	CH64	1.92	Pass
11ac (VHT40)	CH54	-0.07	Pass
11ac (VHT40)	CH62	-0.30	Pass
11ac (VHT80)	CH58	-3.58	Pass
11ax (HE20)(SU)	CH52	2.98	Pass
11ax (HE20)(SU)	CH60	2.04	Pass
11ax (HE20)(SU)	CH64	2.14	Pass
11ax (HE40)(SU)	CH54	-0.98	Pass
11ax (HE40)(SU)	CH62	-1.79	Pass
11ax (HE80)(SU)	CH58	-3.74	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	5.47	Pass
11a	CH116	6.03	Pass
11a	CH140	4.07	Pass
11n (HT20)	CH100	5.52	Pass
11n (HT20)	CH116	4.88	Pass
11n (HT20)	CH140	3.15	Pass
11n (HT40)	CH102	2.18	Pass
11n (HT40)	CH118	1.70	Pass
11n (HT40)	CH134	0.41	Pass
11ac (VHT20)	CH100	5.13	Pass
11ac (VHT20)	CH116	4.99	Pass
11ac (VHT20)	CH140	2.82	Pass
11ac (VHT40)	CH102	2.59	Pass
11ac (VHT40)	CH118	1.79	Pass
11ac (VHT40)	CH134	0.38	Pass
11ac (VHT80)	CH106	-0.98	Pass
11ac (VHT80)	CH122	-1.57	Pass
11ax (HE20)(SU)	CH100	5.04	Pass
11ax (HE20)(SU)	CH116	4.95	Pass
11ax (HE20)(SU)	CH140	2.81	Pass
11ax (HE40)(SU)	CH102	1.68	Pass
11ax (HE40)(SU)	CH118	0.99	Pass
11ax (HE40)(SU)	CH134	-0.46	Pass
11ax (HE80)(SU)	CH106	-1.66	Pass
11ax (HE80)(SU)	CH122	-2.32	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-1.25	Pass
11a	CH157	-1.29	Pass
11a	CH165	-2.26	Pass
11n (HT20)	CH149	-1.78	Pass
11n (HT20)	CH157	-2.25	Pass
11n (HT20)	CH165	-2.47	Pass
11n (HT40)	CH151	-4.69	Pass
11n (HT40)	CH159	-5.33	Pass
11ac (VHT20)	CH149	-1.61	Pass
11ac (VHT20)	CH157	-1.85	Pass
11ac (VHT20)	CH165	-2.68	Pass
11ac (VHT40)	CH151	-4.12	Pass
11ac (VHT40)	CH159	-5.19	Pass
11ac (VHT80)	CH155	-8.11	Pass
11ax (HE20)(SU)	CH149	-1.59	Pass
11ax (HE20)(SU)	CH157	-2.40	Pass
11ax (HE20)(SU)	CH165	-2.17	Pass
11ax (HE40)(SU)	CH151	-4.90	Pass
11ax (HE40)(SU)	CH159	-5.85	Pass
11ax (HE80)(SU)	CH155	-9.25	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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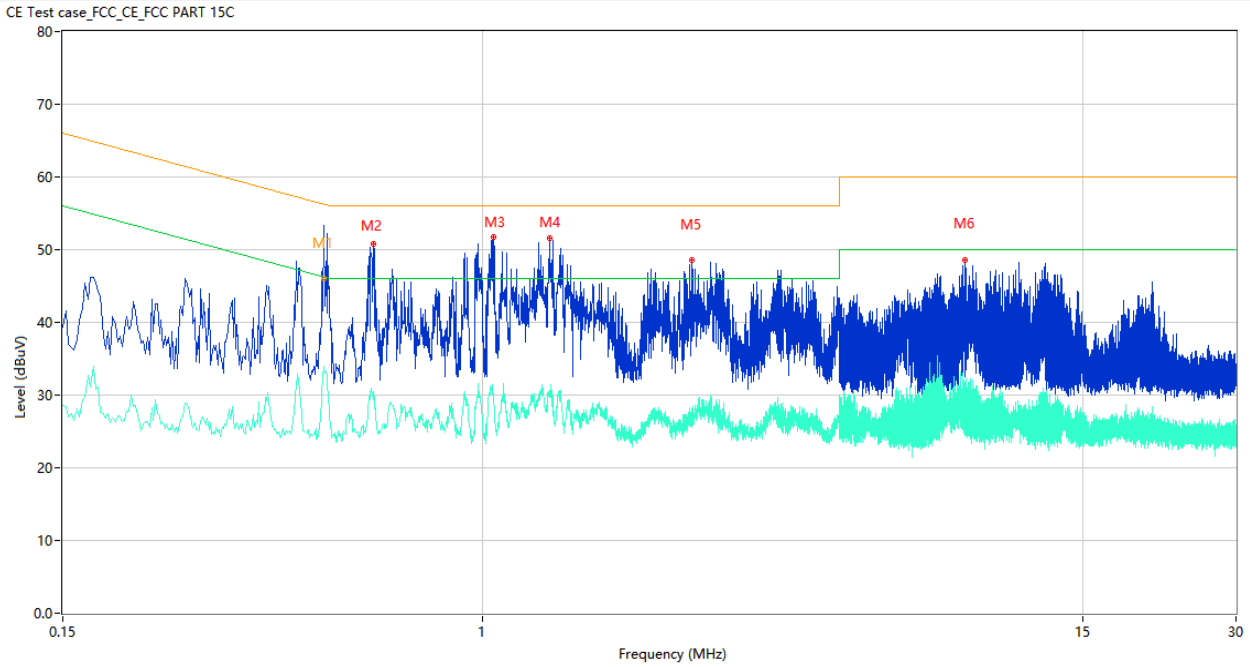
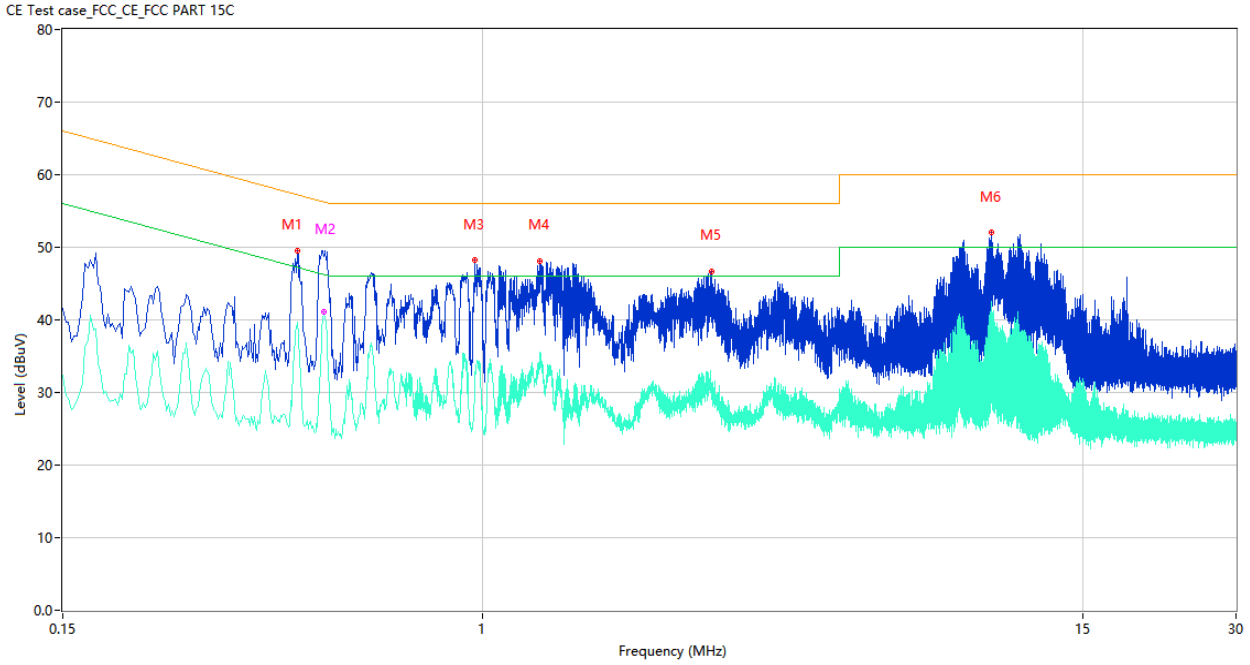
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.488	52.20	9.99	56.20	4.00	Peak	L	N/A
1*	0.488	46.09	9.99	56.20	10.11	QP	L	Pass
1**	0.488	33.89	9.99	46.20	12.31	AV	L	Pass
2	0.610	50.84	10.17	56.00	5.16	Peak	L	Pass
2**	0.610	30.42	10.17	46.00	15.58	AV	L	Pass
3	1.048	51.78	10.17	56.00	4.22	Peak	L	Pass
3**	1.048	30.16	10.17	46.00	15.84	AV	L	Pass
4	1.350	51.60	10.01	56.00	4.40	Peak	L	Pass
4**	1.350	30.29	10.01	46.00	15.71	AV	L	Pass
5	2.574	48.51	9.87	56.00	7.49	Peak	L	Pass
5**	2.574	27.88	9.87	46.00	18.12	AV	L	Pass
6	8.838	48.62	10.45	60.00	11.38	Peak	L	Pass
6**	8.838	31.42	10.45	50.00	18.58	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.432	49.49	10.22	57.21	7.72	Peak	N	Pass
1**	0.432	39.64	10.22	47.21	7.57	AV	N	Pass
2	0.488	48.67	9.99	56.20	7.53	Peak	N	Pass
2**	0.488	41.07	9.99	46.20	5.13	AV	N	Pass
3	0.962	48.23	10.04	56.00	7.77	Peak	N	Pass
3**	0.962	29.95	10.04	46.00	16.05	AV	N	Pass
4	1.290	48.13	10.50	56.00	7.87	Peak	N	Pass
4**	1.290	35.04	10.50	46.00	10.96	AV	N	Pass
5	2.810	46.74	10.21	56.00	9.26	Peak	N	Pass
5**	2.810	31.27	10.21	46.00	14.73	AV	N	Pass
6	9.942	52.00	10.62	60.00	8.00	Peak	N	Pass
6**	9.942	35.33	10.62	50.00	14.67	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.

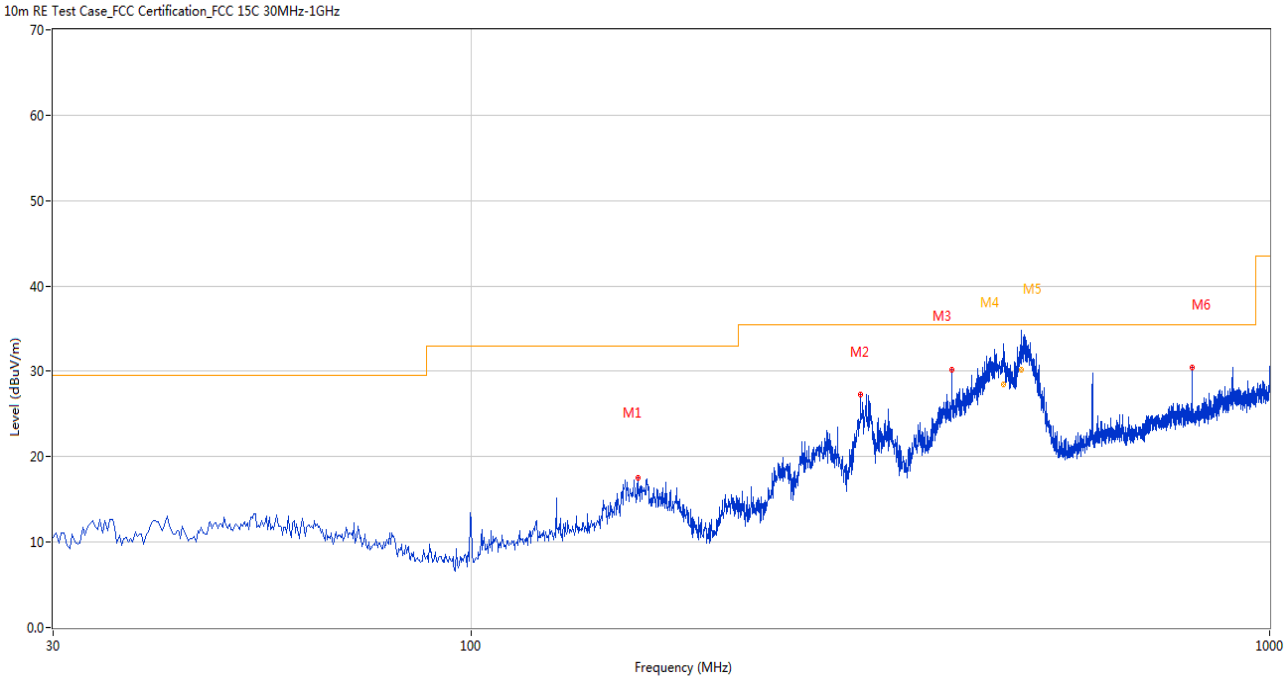
Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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.

Replaceable Antenna Model 1: AE1012

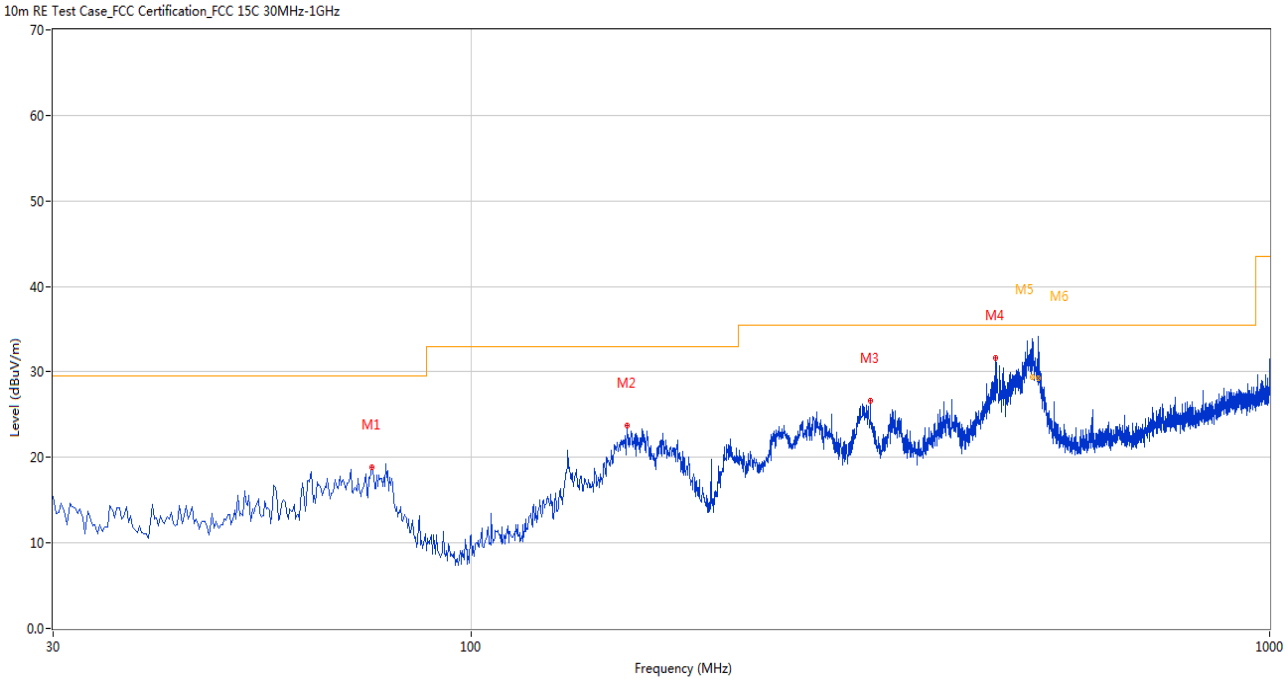
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	161.887	17.52	-25.78	33.0	15.48	Peak	275.00	200	Horizontal	Pass
2	307.593	27.33	-24.62	35.5	8.17	Peak	100.00	200	Horizontal	Pass
3	399.963	30.17	-22.39	35.5	5.33	Peak	109.00	200	Horizontal	Pass
4	463.724	32.86	-20.22	35.5	2.64	Peak	109.00	200	Horizontal	N/A
4*	463.724	28.45	-20.22	35.5	7.05	QP	109.00	200	Horizontal	Pass
5	488.453	34.44	-19.85	35.5	1.06	Peak	275.00	200	Horizontal	N/A
5*	488.453	30.25	-19.85	35.5	5.25	QP	275.00	200	Horizontal	Pass
6	799.988	30.48	-13.03	35.5	5.02	Peak	202.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	75.094	18.85	-29.19	29.5	10.65	Peak	11.00	200	Vertical	Pass
2	157.038	23.75	-25.59	33.0	9.25	Peak	247.00	100	Vertical	Pass
3	316.321	26.60	-24.39	35.5	8.90	Peak	291.00	100	Vertical	Pass
4	454.269	31.66	-20.49	35.5	3.84	Peak	204.00	100	Vertical	Pass
5	503.969	33.73	-19.56	35.5	1.77	Peak	155.00	100	Vertical	N/A
5*	503.969	29.41	-19.56	35.5	6.09	QP	155.00	100	Vertical	Pass
6	513.424	33.71	-19.44	35.5	1.79	Peak	161.00	100	Vertical	N/A
6*	513.424	29.30	-19.44	35.5	6.20	QP	161.00	100	Vertical	Pass

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

Replaceable Antenna Model 1: AE1012

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	1584.300	38.69	74.0	35.31	Peak	34.00	300	Horizontal	Pass
1**	1584.300	30.02	54.0	23.98	AV	34.00	300	Horizontal	Pass
2	4159.000	50.12	74.0	23.88	Peak	202.00	300	Horizontal	Pass
2**	4159.000	40.14	54.0	13.86	AV	202.00	300	Horizontal	Pass
3	5178.200	90.26	--	--	Peak	123.00	200	Horizontal	N/A
3**	5178.200	83.26	--	--	AV	123.00	200	Horizontal	N/A
4	7610.362	50.72	74.0	23.28	Peak	360.00	400	Horizontal	Pass
4**	7610.362	40.43	54.0	13.57	AV	360.00	400	Horizontal	Pass
5	11890.950	52.30	74.0	21.70	Peak	126.00	100	Horizontal	Pass
5**	11890.950	41.71	54.0	12.29	AV	126.00	100	Horizontal	Pass
6	16117.875	54.46	74.0	19.54	Peak	0.00	200	Horizontal	Pass
6**	16117.875	44.42	54.0	9.58	AV	0.00	200	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	1486.100	39.36	74.0	34.64	Peak	13.00	400	Vertical	Pass
1**	1486.100	29.26	54.0	24.74	AV	13.00	400	Vertical	Pass
2	3848.000	50.20	74.0	23.80	Peak	326.00	400	Vertical	Pass
2**	3848.000	40.89	54.0	13.11	AV	326.00	400	Vertical	Pass
3	5182.800	96.84	--	--	Peak	269.00	200	Vertical	N/A
3**	5182.800	89.02	--	--	AV	269.00	200	Vertical	N/A
4	7449.075	50.05	74.0	23.95	Peak	20.00	100	Vertical	Pass
4**	7449.075	41.89	54.0	12.11	AV	20.00	100	Vertical	Pass
5	11501.388	51.90	74.0	22.10	Peak	54.00	200	Vertical	Pass
5**	11501.388	42.99	54.0	11.01	AV	54.00	200	Vertical	Pass
6	15833.326	54.27	74.0	19.73	Peak	54.00	400	Vertical	Pass
6**	15833.326	45.18	54.0	8.82	AV	54.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.100	38.56	74.0	35.44	Peak	360.00	400	Horizontal	Pass
1**	1444.100	29.56	54.0	24.44	AV	360.00	400	Horizontal	Pass
2	4117.800	49.87	74.0	24.13	Peak	266.00	300	Horizontal	Pass
2**	4117.800	40.27	54.0	13.73	AV	266.00	300	Horizontal	Pass
3	5218.600	91.25	--	--	Peak	131.00	200	Horizontal	N/A
3**	5218.600	84.25	--	--	AV	131.00	200	Horizontal	N/A
4	7510.888	50.20	74.0	23.80	Peak	346.00	100	Horizontal	Pass
4**	7510.888	40.53	54.0	13.47	AV	346.00	100	Horizontal	Pass
5	11342.975	51.45	74.0	22.55	Peak	26.00	300	Horizontal	Pass
5**	11342.975	42.10	54.0	11.90	AV	26.00	300	Horizontal	Pass
6	15568.463	54.81	74.0	19.19	Peak	271.00	100	Horizontal	Pass
6**	15568.463	46.24	54.0	7.76	AV	271.00	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	1551.900	39.24	74.0	34.76	Peak	140.00	300	Vertical	Pass
1**	1551.900	28.99	54.0	25.01	AV	140.00	300	Vertical	Pass
2	4164.200	50.21	74.0	23.79	Peak	301.00	200	Vertical	Pass
2**	4164.200	40.60	54.0	13.40	AV	301.00	200	Vertical	Pass
3	5217.400	96.79	--	--	Peak	278.00	200	Vertical	N/A
3**	5217.400	88.91	--	--	AV	278.00	200	Vertical	N/A
4	7485.587	50.01	74.0	23.99	Peak	243.00	300	Vertical	Pass
4**	7485.587	40.27	54.0	13.73	AV	243.00	300	Vertical	Pass
5	12660.875	52.43	74.0	21.57	Peak	312.00	400	Vertical	Pass
5**	12660.875	40.87	54.0	13.13	AV	312.00	400	Vertical	Pass
6	16085.588	54.36	74.0	19.64	Peak	360.00	400	Vertical	Pass
6**	16085.588	45.02	54.0	8.98	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.300	38.76	74.0	35.24	Peak	360.00	100	Horizontal	Pass
1**	1621.300	30.34	54.0	23.66	AV	360.00	100	Horizontal	Pass
2	4379.200	50.32	74.0	23.68	Peak	225.00	400	Horizontal	Pass
2**	4379.200	41.02	54.0	12.98	AV	225.00	400	Horizontal	Pass
3	5233.800	88.04	--	--	Peak	42.00	200	Horizontal	N/A
3**	5233.800	80.38	--	--	AV	42.00	200	Horizontal	N/A
4	7350.750	49.80	74.0	24.20	Peak	263.00	100	Horizontal	Pass
4**	7350.750	39.94	54.0	14.06	AV	263.00	100	Horizontal	Pass
5	11781.125	52.93	74.0	21.07	Peak	8.00	300	Horizontal	Pass
5**	11781.125	43.43	54.0	10.57	AV	8.00	300	Horizontal	Pass
6	16087.950	54.89	74.0	19.11	Peak	306.00	100	Horizontal	Pass
6**	16087.950	45.60	54.0	8.40	AV	306.00	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	1511.900	38.99	74.0	35.01	Peak	114.00	300	Vertical	Pass
1**	1511.900	29.16	54.0	24.84	AV	114.00	300	Vertical	Pass
2	4001.200	49.90	74.0	24.10	Peak	306.00	400	Vertical	Pass
2**	4001.200	40.97	54.0	13.03	AV	306.00	400	Vertical	Pass
3	5247.600	93.09	--	--	Peak	284.00	200	Vertical	N/A
3**	5247.600	86.77	--	--	AV	284.00	200	Vertical	N/A
4	7574.425	49.38	74.0	24.62	Peak	211.00	100	Vertical	Pass
4**	7574.425	40.46	54.0	13.54	AV	211.00	100	Vertical	Pass
5	11358.788	51.84	74.0	22.16	Peak	227.00	300	Vertical	Pass
5**	11358.788	42.04	54.0	11.96	AV	227.00	300	Vertical	Pass
6	15830.963	54.65	74.0	19.35	Peak	36.00	200	Vertical	Pass
6**	15830.963	45.00	54.0	9.00	AV	36.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.400	38.99	74.0	35.01	Peak	157.00	300	Horizontal	Pass
1**	1559.400	29.78	54.0	24.22	AV	157.00	300	Horizontal	Pass
2	3975.400	50.51	74.0	23.49	Peak	76.00	300	Horizontal	Pass
2**	3975.400	39.80	54.0	14.20	AV	76.00	300	Horizontal	Pass
3	5175.600	91.42	--	--	Peak	53.00	200	Horizontal	N/A
3**	5175.600	83.26	--	--	AV	53.00	200	Horizontal	N/A
4	7439.587	50.25	74.0	23.75	Peak	7.00	400	Horizontal	Pass
4**	7439.587	40.48	54.0	13.52	AV	7.00	400	Horizontal	Pass
5	11358.213	51.60	74.0	22.40	Peak	345.00	400	Horizontal	Pass
5**	11358.213	42.39	54.0	11.61	AV	345.00	400	Horizontal	Pass
6	15521.212	54.37	74.0	19.63	Peak	228.00	300	Horizontal	Pass
6**	15521.212	46.13	54.0	7.87	AV	228.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	42.72	74.0	31.28	Peak	179.00	100	Vertical	Pass
1**	1331.400	29.81	54.0	24.19	AV	179.00	100	Vertical	Pass
2	2661.900	52.12	68.2	16.08	Peak	84.00	300	Vertical	Pass
2**	2661.900	41.44	--	--	AV	84.00	300	Vertical	N/A
3	5185.400	98.13	--	--	Peak	259.00	200	Vertical	N/A
3**	5185.400	89.95	--	--	AV	259.00	200	Vertical	N/A
4	7468.913	50.61	74.0	23.39	Peak	142.00	200	Vertical	Pass
4**	7468.913	40.78	54.0	13.22	AV	142.00	200	Vertical	Pass
5	11780.838	51.96	74.0	22.04	Peak	263.00	200	Vertical	Pass
5**	11780.838	43.17	54.0	10.83	AV	263.00	200	Vertical	Pass
6	15836.474	54.71	74.0	19.29	Peak	94.00	200	Vertical	Pass
6**	15836.474	44.92	54.0	9.08	AV	94.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.400	39.16	74.0	34.84	Peak	135.00	300	Horizontal	Pass
1**	1465.400	28.98	54.0	25.02	AV	135.00	300	Horizontal	Pass
2	4306.600	50.59	74.0	23.41	Peak	348.00	100	Horizontal	Pass
2**	4306.600	39.60	54.0	14.40	AV	348.00	100	Horizontal	Pass
3	5221.600	90.49	--	--	Peak	43.00	200	Horizontal	N/A
3**	5221.600	83.53	--	--	AV	43.00	200	Horizontal	N/A
4	7675.050	49.88	74.0	24.12	Peak	38.00	400	Horizontal	Pass
4**	7675.050	39.81	54.0	14.19	AV	38.00	400	Horizontal	Pass
5	10917.763	51.89	74.0	22.11	Peak	346.00	400	Horizontal	Pass
5**	10917.763	43.91	54.0	10.09	AV	346.00	400	Horizontal	Pass
6	15819.675	54.50	74.0	19.50	Peak	360.00	300	Horizontal	Pass
6**	15819.675	45.67	54.0	8.33	AV	360.00	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	1478.100	39.43	74.0	34.57	Peak	101.00	300	Vertical	Pass
1**	1478.100	29.30	54.0	24.70	AV	101.00	300	Vertical	Pass
2	4299.000	49.89	74.0	24.11	Peak	341.00	300	Vertical	Pass
2**	4299.000	40.93	54.0	13.07	AV	341.00	300	Vertical	Pass
3	5217.800	96.49	--	--	Peak	54.00	200	Vertical	N/A
3**	5217.800	89.73	--	--	AV	54.00	200	Vertical	N/A
4	7446.488	50.29	74.0	23.71	Peak	156.00	400	Vertical	Pass
4**	7446.488	40.94	54.0	13.06	AV	156.00	400	Vertical	Pass
5	10918.050	52.31	74.0	21.69	Peak	277.00	300	Vertical	Pass
5**	10918.050	42.28	54.0	11.72	AV	277.00	300	Vertical	Pass
6	16102.651	55.00	74.0	19.00	Peak	94.00	300	Vertical	Pass
6**	16102.651	45.64	54.0	8.36	AV	94.00	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	1610.400	38.84	74.0	35.16	Peak	196.00	300	Horizontal	Pass
1**	1610.400	29.04	54.0	24.96	AV	196.00	300	Horizontal	Pass
2	3995.200	51.08	74.0	22.92	Peak	190.00	100	Horizontal	Pass
2**	3995.200	40.47	54.0	13.53	AV	190.00	100	Horizontal	Pass
3	5237.000	89.81	--	--	Peak	43.00	200	Horizontal	N/A
3**	5237.000	82.24	--	--	AV	43.00	200	Horizontal	N/A
4	7432.400	49.78	74.0	24.22	Peak	360.00	100	Horizontal	Pass
4**	7432.400	40.26	54.0	13.74	AV	360.00	100	Horizontal	Pass
5	11830.287	52.09	74.0	21.91	Peak	228.00	200	Horizontal	Pass
5**	11830.287	42.94	54.0	11.06	AV	228.00	200	Horizontal	Pass
6	16079.813	55.34	74.0	18.66	Peak	191.00	400	Horizontal	Pass
6**	16079.813	44.71	54.0	9.29	AV	191.00	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	1556.900	40.27	74.0	33.73	Peak	116.00	300	Vertical	Pass
1**	1556.900	28.58	54.0	25.42	AV	116.00	300	Vertical	Pass
2	4227.400	49.97	74.0	24.03	Peak	323.00	200	Vertical	Pass
2**	4227.400	40.61	54.0	13.39	AV	323.00	200	Vertical	Pass
3	5238.200	96.56	--	--	Peak	53.00	200	Vertical	N/A
3**	5238.200	88.83	--	--	AV	53.00	200	Vertical	N/A
4	7451.950	49.95	74.0	24.05	Peak	342.00	100	Vertical	Pass
4**	7451.950	41.23	54.0	12.77	AV	342.00	100	Vertical	Pass
5	11321.413	52.15	74.0	21.85	Peak	121.00	200	Vertical	Pass
5**	11321.413	42.86	54.0	11.14	AV	121.00	200	Vertical	Pass
6	15554.025	54.41	74.0	19.59	Peak	211.00	200	Vertical	Pass
6**	15554.025	44.73	54.0	9.27	AV	211.00	200	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	1507.600	38.40	74.0	35.60	Peak	52.00	100	Horizontal	Pass
1**	1507.600	30.03	54.0	23.97	AV	52.00	100	Horizontal	Pass
2	3987.800	50.04	74.0	23.96	Peak	358.00	300	Horizontal	Pass
2**	3987.800	40.34	54.0	13.66	AV	358.00	300	Horizontal	Pass
3	5186.800	90.57	--	--	Peak	132.00	200	Horizontal	N/A
3**	5186.800	82.45	--	--	AV	132.00	200	Horizontal	N/A
4	7465.462	51.61	74.0	22.39	Peak	193.00	300	Horizontal	Pass
4**	7465.462	41.40	54.0	12.60	AV	193.00	300	Horizontal	Pass
5	11774.513	52.05	74.0	21.95	Peak	312.00	200	Horizontal	Pass
5**	11774.513	42.84	54.0	11.16	AV	312.00	200	Horizontal	Pass
6	16024.950	54.81	74.0	19.19	Peak	360.00	300	Horizontal	Pass
6**	16024.950	45.57	54.0	8.43	AV	360.00	300	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	1560.600	38.91	74.0	35.09	Peak	51.00	100	Vertical	Pass
1**	1560.600	29.43	54.0	24.57	AV	51.00	100	Vertical	Pass
2	4228.400	49.99	74.0	24.01	Peak	19.00	200	Vertical	Pass
2**	4228.400	40.46	54.0	13.54	AV	19.00	200	Vertical	Pass
3	5188.600	94.75	--	--	Peak	281.00	200	Vertical	N/A
3**	5188.600	87.15	--	--	AV	281.00	200	Vertical	N/A
4	7450.513	50.27	74.0	23.73	Peak	5.00	200	Vertical	Pass
4**	7450.513	40.99	54.0	13.01	AV	5.00	200	Vertical	Pass
5	11329.750	53.24	74.0	20.76	Peak	330.00	100	Vertical	Pass
5**	11329.750	43.10	54.0	10.90	AV	330.00	100	Vertical	Pass
6	15815.213	54.51	74.0	19.49	Peak	214.00	300	Vertical	Pass
6**	15815.213	45.61	54.0	8.39	AV	214.00	300	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	1506.800	39.01	74.0	34.99	Peak	122.00	300	Horizontal	Pass
1**	1506.800	29.73	54.0	24.27	AV	122.00	300	Horizontal	Pass
2	4070.000	50.20	74.0	23.80	Peak	302.00	400	Horizontal	Pass
2**	4070.000	40.88	54.0	13.12	AV	302.00	400	Horizontal	Pass
3	5214.400	89.10	--	--	Peak	133.00	200	Horizontal	N/A
3**	5214.400	81.26	--	--	AV	133.00	200	Horizontal	N/A
4	7490.187	50.38	74.0	23.62	Peak	313.00	200	Horizontal	Pass
4**	7490.187	41.08	54.0	12.92	AV	313.00	200	Horizontal	Pass
5	11312.213	51.82	74.0	22.18	Peak	279.00	300	Horizontal	Pass
5**	11312.213	41.59	54.0	12.41	AV	279.00	300	Horizontal	Pass
6	16083.750	54.94	74.0	19.06	Peak	155.00	400	Horizontal	Pass
6**	16083.750	44.87	54.0	9.13	AV	155.00	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	1507.600	39.02	74.0	34.98	Peak	105.00	400	Vertical	Pass
1**	1507.600	28.89	54.0	25.11	AV	105.00	400	Vertical	Pass
2	4373.400	49.85	74.0	24.15	Peak	88.00	200	Vertical	Pass
2**	4373.400	40.20	54.0	13.80	AV	88.00	200	Vertical	Pass
3	5224.600	94.97	--	--	Peak	258.00	200	Vertical	N/A
3**	5224.600	86.47	--	--	AV	258.00	200	Vertical	N/A
4	7518.362	50.06	74.0	23.94	Peak	0.00	100	Vertical	Pass
4**	7518.362	40.21	54.0	13.79	AV	0.00	100	Vertical	Pass
5	11813.325	51.71	74.0	22.29	Peak	22.00	300	Vertical	Pass
5**	11813.325	42.85	54.0	11.15	AV	22.00	300	Vertical	Pass
6	15815.999	54.50	74.0	19.50	Peak	74.00	100	Vertical	Pass
6**	15815.999	45.81	54.0	8.19	AV	74.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.400	38.82	74.0	35.18	Peak	117.00	400	Horizontal	Pass
1**	1574.400	28.99	54.0	25.01	AV	117.00	400	Horizontal	Pass
2	3989.800	50.31	74.0	23.69	Peak	54.00	200	Horizontal	Pass
2**	3989.800	41.04	54.0	12.96	AV	54.00	200	Horizontal	Pass
3	5176.800	91.04	--	--	Peak	54.00	200	Horizontal	N/A
3**	5176.800	83.08	--	--	AV	54.00	200	Horizontal	N/A
4	7544.237	50.13	74.0	23.87	Peak	0.00	400	Horizontal	Pass
4**	7544.237	40.51	54.0	13.49	AV	0.00	400	Horizontal	Pass
5	12285.688	52.31	74.0	21.69	Peak	26.00	200	Horizontal	Pass
5**	12285.688	42.75	54.0	11.25	AV	26.00	200	Horizontal	Pass
6	16099.500	54.39	74.0	19.61	Peak	211.00	400	Horizontal	Pass
6**	16099.500	44.99	54.0	9.01	AV	211.00	400	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	1586.700	39.83	74.0	34.17	Peak	103.00	200	Vertical	Pass
1**	1586.700	30.13	54.0	23.87	AV	103.00	200	Vertical	Pass
2	3854.400	50.31	74.0	23.69	Peak	7.00	400	Vertical	Pass
2**	3854.400	39.78	54.0	14.22	AV	7.00	400	Vertical	Pass
3	5176.400	96.75	--	--	Peak	52.00	200	Vertical	N/A
3**	5176.400	88.70	--	--	AV	52.00	200	Vertical	N/A
4	7445.625	49.93	74.0	24.07	Peak	360.00	300	Vertical	Pass
4**	7445.625	41.25	54.0	12.75	AV	360.00	300	Vertical	Pass
5	11775.375	52.10	74.0	21.90	Peak	227.00	400	Vertical	Pass
5**	11775.375	42.49	54.0	11.51	AV	227.00	400	Vertical	Pass
6	16094.775	54.11	74.0	19.89	Peak	326.00	400	Vertical	Pass
6**	16094.775	45.12	54.0	8.88	AV	326.00	400	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	1466.200	38.32	74.0	35.68	Peak	271.00	300	Horizontal	Pass
1**	1466.200	29.70	54.0	24.30	AV	271.00	300	Horizontal	Pass
2	4002.800	49.73	74.0	24.27	Peak	301.00	400	Horizontal	Pass
2**	4002.800	40.68	54.0	13.32	AV	301.00	400	Horizontal	Pass
3	5223.400	91.00	--	--	Peak	42.00	200	Horizontal	N/A
3**	5223.400	83.28	--	--	AV	42.00	200	Horizontal	N/A
4	7510.312	50.62	74.0	23.38	Peak	0.00	100	Horizontal	Pass
4**	7510.312	41.90	54.0	12.10	AV	0.00	100	Horizontal	Pass
5	11331.188	52.02	74.0	21.98	Peak	213.00	400	Horizontal	Pass
5**	11331.188	43.03	54.0	10.97	AV	213.00	400	Horizontal	Pass
6	15818.888	54.37	74.0	19.63	Peak	360.00	400	Horizontal	Pass
6**	15818.888	46.09	54.0	7.91	AV	360.00	400	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	1501.700	39.16	74.0	34.84	Peak	109.00	100	Vertical	Pass
1**	1501.700	29.53	54.0	24.47	AV	109.00	100	Vertical	Pass
2	4381.400	50.13	74.0	23.87	Peak	169.00	300	Vertical	Pass
2**	4381.400	40.49	54.0	13.51	AV	169.00	300	Vertical	Pass
3	5216.200	96.30	--	--	Peak	271.00	200	Vertical	N/A
3**	5216.200	88.37	--	--	AV	271.00	200	Vertical	N/A
4	7535.325	50.41	74.0	23.59	Peak	246.00	300	Vertical	Pass
4**	7535.325	39.95	54.0	14.05	AV	246.00	300	Vertical	Pass
5	11771.924	51.81	74.0	22.19	Peak	360.00	200	Vertical	Pass
5**	11771.924	42.40	54.0	11.60	AV	360.00	200	Vertical	Pass
6	16005.262	54.65	74.0	19.35	Peak	74.00	300	Vertical	Pass
6**	16005.262	44.98	54.0	9.02	AV	74.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.800	38.93	74.0	35.07	Peak	70.00	300	Horizontal	Pass
1**	1559.800	29.48	54.0	24.52	AV	70.00	300	Horizontal	Pass
2	4191.800	50.37	74.0	23.63	Peak	65.00	300	Horizontal	Pass
2**	4191.800	40.22	54.0	13.78	AV	65.00	300	Horizontal	Pass
3	5247.800	89.41	--	--	Peak	134.00	200	Horizontal	N/A
3**	5247.800	81.66	--	--	AV	134.00	200	Horizontal	N/A
4	7666.425	50.53	74.0	23.47	Peak	325.00	400	Horizontal	Pass
4**	7666.425	39.30	54.0	14.70	AV	325.00	400	Horizontal	Pass
5	11765.026	51.76	74.0	22.24	Peak	258.00	100	Horizontal	Pass
5**	11765.026	42.66	54.0	11.34	AV	258.00	100	Horizontal	Pass
6	15823.612	54.33	74.0	19.67	Peak	113.00	400	Horizontal	Pass
6**	15823.612	45.10	54.0	8.90	AV	113.00	400	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	1558.900	39.18	74.0	34.82	Peak	138.00	100	Vertical	Pass
1**	1558.900	30.53	54.0	23.47	AV	138.00	100	Vertical	Pass
2	4201.000	49.99	74.0	24.01	Peak	0.00	300	Vertical	Pass
2**	4201.000	40.29	54.0	13.71	AV	0.00	300	Vertical	Pass
3	5238.000	95.85	--	--	Peak	54.00	200	Vertical	N/A
3**	5238.000	88.04	--	--	AV	54.00	200	Vertical	N/A
4	7382.087	49.72	74.0	24.28	Peak	125.00	100	Vertical	Pass
4**	7382.087	40.75	54.0	13.25	AV	125.00	100	Vertical	Pass
5	11775.662	52.17	74.0	21.83	Peak	210.00	100	Vertical	Pass
5**	11775.662	42.59	54.0	11.41	AV	210.00	100	Vertical	Pass
6	15837.525	55.20	74.0	18.80	Peak	94.00	200	Vertical	Pass
6**	15837.525	45.21	54.0	8.79	AV	94.00	200	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	1585.900	38.88	74.0	35.12	Peak	112.00	200	Horizontal	Pass
1**	1585.900	29.61	54.0	24.39	AV	112.00	200	Horizontal	Pass
2	4040.800	50.05	74.0	23.95	Peak	300.00	100	Horizontal	Pass
2**	4040.800	39.49	54.0	14.51	AV	300.00	100	Horizontal	Pass
3	5191.800	90.46	--	--	Peak	129.00	200	Horizontal	N/A
3**	5191.800	82.88	--	--	AV	129.00	200	Horizontal	N/A
4	7452.525	49.61	74.0	24.39	Peak	210.00	100	Horizontal	Pass
4**	7452.525	40.59	54.0	13.41	AV	210.00	100	Horizontal	Pass
5	11824.825	52.70	74.0	21.30	Peak	7.00	200	Horizontal	Pass
5**	11824.825	42.30	54.0	11.70	AV	7.00	200	Horizontal	Pass
6	16132.838	54.04	74.0	19.96	Peak	76.00	100	Horizontal	Pass
6**	16132.838	44.72	54.0	9.28	AV	76.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.200	39.00	74.0	35.00	Peak	99.00	400	Vertical	Pass
1**	1448.200	29.34	54.0	24.66	AV	99.00	400	Vertical	Pass
2	4224.200	50.42	74.0	23.58	Peak	133.00	400	Vertical	Pass
2**	4224.200	40.11	54.0	13.89	AV	133.00	400	Vertical	Pass
3	5191.400	95.62	--	--	Peak	55.00	200	Vertical	N/A
3**	5191.400	87.51	--	--	AV	55.00	200	Vertical	N/A
4	7449.075	50.11	74.0	23.89	Peak	42.00	200	Vertical	Pass
4**	7449.075	41.14	54.0	12.86	AV	42.00	200	Vertical	Pass
5	11951.325	52.21	74.0	21.79	Peak	330.00	100	Vertical	Pass
5**	11951.325	42.60	54.0	11.40	AV	330.00	100	Vertical	Pass
6	16100.287	54.22	74.0	19.78	Peak	272.00	200	Vertical	Pass
6**	16100.287	45.59	54.0	8.41	AV	272.00	200	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	1507.700	38.57	74.0	35.43	Peak	186.00	400	Horizontal	Pass
1**	1507.700	30.15	54.0	23.85	AV	186.00	400	Horizontal	Pass
2	4184.600	51.91	74.0	22.09	Peak	360.00	400	Horizontal	Pass
2**	4184.600	40.99	54.0	13.01	AV	360.00	400	Horizontal	Pass
3	5214.400	89.20	--	--	Peak	135.00	200	Horizontal	N/A
3**	5214.400	81.63	--	--	AV	135.00	200	Horizontal	N/A
4	7503.700	49.94	74.0	24.06	Peak	346.00	200	Horizontal	Pass
4**	7503.700	41.01	54.0	12.99	AV	346.00	200	Horizontal	Pass
5	11937.237	52.23	74.0	21.77	Peak	329.00	200	Horizontal	Pass
5**	11937.237	42.46	54.0	11.54	AV	329.00	200	Horizontal	Pass
6	15804.713	54.44	74.0	19.56	Peak	114.00	100	Horizontal	Pass
6**	15804.713	45.47	54.0	8.53	AV	114.00	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	1615.300	39.52	74.0	34.48	Peak	89.00	100	Vertical	Pass
1**	1615.300	28.78	54.0	25.22	AV	89.00	100	Vertical	Pass
2	4082.200	49.95	74.0	24.05	Peak	99.00	300	Vertical	Pass
2**	4082.200	40.73	54.0	13.27	AV	99.00	300	Vertical	Pass
3	5227.600	94.71	--	--	Peak	53.00	200	Vertical	N/A
3**	5227.600	86.76	--	--	AV	53.00	200	Vertical	N/A
4	7453.962	50.49	74.0	23.51	Peak	0.00	200	Vertical	Pass
4**	7453.962	41.57	54.0	12.43	AV	0.00	200	Vertical	Pass
5	11943.562	51.98	74.0	22.02	Peak	5.00	400	Vertical	Pass
5**	11943.562	42.86	54.0	11.14	AV	5.00	400	Vertical	Pass
6	15815.737	54.14	74.0	19.86	Peak	291.00	100	Vertical	Pass
6**	15815.737	45.78	54.0	8.22	AV	291.00	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	1533.400	38.79	74.0	35.21	Peak	291.00	100	Horizontal	Pass
1**	1533.400	29.35	54.0	24.65	AV	291.00	100	Horizontal	Pass
2	4387.800	49.83	74.0	24.17	Peak	269.00	300	Horizontal	Pass
2**	4387.800	40.60	54.0	13.40	AV	269.00	300	Horizontal	Pass
3	5206.800	87.31	--	--	Peak	133.00	200	Horizontal	N/A
3**	5206.800	80.26	--	--	AV	133.00	200	Horizontal	N/A
4	7451.087	49.76	74.0	24.24	Peak	142.00	100	Horizontal	Pass
4**	7451.087	41.98	54.0	12.02	AV	142.00	100	Horizontal	Pass
5	11771.924	51.61	74.0	22.39	Peak	262.00	300	Horizontal	Pass
5**	11771.924	43.01	54.0	10.99	AV	262.00	300	Horizontal	Pass
6	16100.287	54.57	74.0	19.43	Peak	16.00	300	Horizontal	Pass
6**	16100.287	45.55	54.0	8.45	AV	16.00	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	1621.300	38.58	74.0	35.42	Peak	311.00	400	Vertical	Pass
1**	1621.300	30.14	54.0	23.86	AV	311.00	400	Vertical	Pass
2	3676.000	49.84	74.0	24.16	Peak	210.00	400	Vertical	Pass
2**	3676.000	39.58	54.0	14.42	AV	210.00	400	Vertical	Pass
3	5202.200	92.68	--	--	Peak	279.00	200	Vertical	N/A
3**	5202.200	85.16	--	--	AV	279.00	200	Vertical	N/A
4	7339.825	50.23	74.0	23.77	Peak	178.00	100	Vertical	Pass
4**	7339.825	40.98	54.0	13.02	AV	178.00	100	Vertical	Pass
5	11924.013	52.35	74.0	21.65	Peak	77.00	300	Vertical	Pass
5**	11924.013	42.55	54.0	11.45	AV	77.00	300	Vertical	Pass
6	16141.500	54.34	74.0	19.66	Peak	0.00	200	Vertical	Pass
6**	16141.500	44.58	54.0	9.42	AV	0.00	200	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	1516.300	38.78	74.0	35.22	Peak	289.00	200	Horizontal	Pass
1**	1516.300	29.73	54.0	24.27	AV	289.00	200	Horizontal	Pass
2	4064.200	50.93	74.0	23.07	Peak	234.00	400	Horizontal	Pass
2**	4064.200	39.77	54.0	14.23	AV	234.00	400	Horizontal	Pass
3	5177.800	90.15	--	--	Peak	0.00	200	Horizontal	N/A
3**	5177.800	82.80	--	--	AV	0.00	200	Horizontal	N/A
4	7503.413	50.06	74.0	23.94	Peak	346.00	100	Horizontal	Pass
4**	7503.413	41.09	54.0	12.91	AV	346.00	100	Horizontal	Pass
5	10928.975	52.11	74.0	21.89	Peak	277.00	300	Horizontal	Pass
5**	10928.975	42.52	54.0	11.48	AV	277.00	300	Horizontal	Pass
6	16137.300	54.08	74.0	19.92	Peak	173.00	100	Horizontal	Pass
6**	16137.300	44.86	54.0	9.14	AV	173.00	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	1505.500	38.70	74.0	35.30	Peak	151.00	200	Vertical	Pass
1**	1505.500	29.33	54.0	24.67	AV	151.00	200	Vertical	Pass
2	4119.400	50.31	74.0	23.69	Peak	233.00	300	Vertical	Pass
2**	4119.400	41.43	54.0	12.57	AV	233.00	300	Vertical	Pass
3	5185.600	97.97	--	--	Peak	256.00	200	Vertical	N/A
3**	5185.600	90.05	--	--	AV	256.00	200	Vertical	N/A
4	7338.675	50.72	74.0	23.28	Peak	360.00	200	Vertical	Pass
4**	7338.675	40.88	54.0	13.12	AV	360.00	200	Vertical	Pass
5	10924.375	52.55	74.0	21.45	Peak	296.00	400	Vertical	Pass
5**	10924.375	43.41	54.0	10.59	AV	296.00	400	Vertical	Pass
6	16092.151	54.52	74.0	19.48	Peak	350.00	100	Vertical	Pass
6**	16092.151	44.90	54.0	9.10	AV	350.00	100	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	1468.900	38.47	74.0	35.53	Peak	285.00	400	Horizontal	Pass
1**	1468.900	29.01	54.0	24.99	AV	285.00	400	Horizontal	Pass
2	4344.800	50.52	74.0	23.48	Peak	55.00	200	Horizontal	Pass
2**	4344.800	40.24	54.0	13.76	AV	55.00	200	Horizontal	Pass
3	5217.800	89.93	--	--	Peak	66.00	200	Horizontal	N/A
3**	5217.800	83.13	--	--	AV	66.00	200	Horizontal	N/A
4	7611.513	49.75	74.0	24.25	Peak	0.00	300	Horizontal	Pass
4**	7611.513	40.92	54.0	13.08	AV	0.00	300	Horizontal	Pass
5	11781.125	52.19	74.0	21.81	Peak	311.00	100	Horizontal	Pass
5**	11781.125	43.20	54.0	10.80	AV	311.00	100	Horizontal	Pass
6	15815.213	54.49	74.0	19.51	Peak	290.00	400	Horizontal	Pass
6**	15815.213	45.45	54.0	8.55	AV	290.00	400	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	1599.900	38.49	74.0	35.51	Peak	193.00	200	Vertical	Pass
1**	1599.900	31.05	54.0	22.95	AV	193.00	200	Vertical	Pass
2	4143.800	49.66	74.0	24.34	Peak	289.00	200	Vertical	Pass
2**	4143.800	40.50	54.0	13.50	AV	289.00	200	Vertical	Pass
3	5214.400	97.04	--	--	Peak	256.00	200	Vertical	N/A
3**	5214.400	89.38	--	--	AV	256.00	200	Vertical	N/A
4	7446.775	50.53	74.0	23.47	Peak	74.00	100	Vertical	Pass
4**	7446.775	41.07	54.0	12.93	AV	74.00	100	Vertical	Pass
5	11841.212	51.81	74.0	22.19	Peak	193.00	100	Vertical	Pass
5**	11841.212	42.06	54.0	11.94	AV	193.00	100	Vertical	Pass
6	15619.651	54.33	74.0	19.67	Peak	309.00	400	Vertical	Pass
6**	15619.651	44.64	54.0	9.36	AV	309.00	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	1493.000	39.33	74.0	34.67	Peak	91.00	300	Horizontal	Pass
1**	1493.000	29.33	54.0	24.67	AV	91.00	300	Horizontal	Pass
2	4097.800	49.62	74.0	24.38	Peak	168.00	200	Horizontal	Pass
2**	4097.800	40.26	54.0	13.74	AV	168.00	200	Horizontal	Pass
3	5242.400	91.35	--	--	Peak	42.00	200	Horizontal	N/A
3**	5242.400	83.08	--	--	AV	42.00	200	Horizontal	N/A
4	7462.300	50.56	74.0	23.44	Peak	56.00	200	Horizontal	Pass
4**	7462.300	40.38	54.0	13.62	AV	56.00	200	Horizontal	Pass
5	11753.813	51.97	74.0	22.03	Peak	38.00	400	Horizontal	Pass
5**	11753.813	42.28	54.0	11.72	AV	38.00	400	Horizontal	Pass
6	16154.888	54.50	74.0	19.50	Peak	269.00	400	Horizontal	Pass
6**	16154.888	44.86	54.0	9.14	AV	269.00	400	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	1467.900	38.79	74.0	35.21	Peak	54.00	300	Vertical	Pass
1**	1467.900	29.51	54.0	24.49	AV	54.00	300	Vertical	Pass
2	3724.200	49.98	74.0	24.02	Peak	42.00	400	Vertical	Pass
2**	3724.200	39.05	54.0	14.95	AV	42.00	400	Vertical	Pass
3	5238.200	95.73	--	--	Peak	258.00	200	Vertical	N/A
3**	5238.200	88.25	--	--	AV	258.00	200	Vertical	N/A
4	7264.787	50.20	74.0	23.80	Peak	55.00	400	Vertical	Pass
4**	7264.787	39.55	54.0	14.45	AV	55.00	400	Vertical	Pass
5	11817.638	52.51	74.0	21.49	Peak	311.00	200	Vertical	Pass
5**	11817.638	42.59	54.0	11.41	AV	311.00	200	Vertical	Pass
6	16138.087	54.28	74.0	19.72	Peak	73.00	400	Vertical	Pass
6**	16138.087	44.71	54.0	9.29	AV	73.00	400	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	1585.300	39.56	74.0	34.44	Peak	240.00	100	Horizontal	Pass
1**	1585.300	29.00	54.0	25.00	AV	240.00	100	Horizontal	Pass
2	3904.800	51.09	74.0	22.91	Peak	360.00	200	Horizontal	Pass
2**	3904.800	40.55	54.0	13.45	AV	360.00	200	Horizontal	Pass
3	5180.400	89.91	--	--	Peak	135.00	200	Horizontal	N/A
3**	5180.400	81.83	--	--	AV	135.00	200	Horizontal	N/A
4	7337.525	49.86	74.0	24.14	Peak	278.00	200	Horizontal	Pass
4**	7337.525	41.16	54.0	12.84	AV	278.00	200	Horizontal	Pass
5	10925.525	52.43	74.0	21.57	Peak	110.00	400	Horizontal	Pass
5**	10925.525	42.56	54.0	11.44	AV	110.00	400	Horizontal	Pass
6	15511.238	54.65	74.0	19.35	Peak	308.00	100	Horizontal	Pass
6**	15511.238	44.87	54.0	9.13	AV	308.00	100	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	1586.200	39.04	74.0	34.96	Peak	197.00	100	Vertical	Pass
1**	1586.200	29.35	54.0	24.65	AV	197.00	100	Vertical	Pass
2	4391.400	49.97	74.0	24.03	Peak	165.00	400	Vertical	Pass
2**	4391.400	40.63	54.0	13.37	AV	165.00	400	Vertical	Pass
3	5188.400	95.74	--	--	Peak	54.00	200	Vertical	N/A
3**	5188.400	88.41	--	--	AV	54.00	200	Vertical	N/A
4	7445.625	49.89	74.0	24.11	Peak	347.00	200	Vertical	Pass
4**	7445.625	41.33	54.0	12.67	AV	347.00	200	Vertical	Pass
5	11328.026	52.30	74.0	21.70	Peak	360.00	200	Vertical	Pass
5**	11328.026	42.72	54.0	11.28	AV	360.00	200	Vertical	Pass
6	16143.075	54.96	74.0	19.04	Peak	191.00	200	Vertical	Pass
6**	16143.075	45.36	54.0	8.64	AV	191.00	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	1501.000	38.68	74.0	35.32	Peak	202.00	100	Horizontal	Pass
1**	1501.000	29.38	54.0	24.62	AV	202.00	100	Horizontal	Pass
2	3991.400	49.58	74.0	24.42	Peak	52.00	200	Horizontal	Pass
2**	3991.400	39.94	54.0	14.06	AV	52.00	200	Horizontal	Pass
3	5231.600	89.05	--	--	Peak	41.00	200	Horizontal	N/A
3**	5231.600	81.48	--	--	AV	41.00	200	Horizontal	N/A
4	7514.913	50.49	74.0	23.51	Peak	39.00	100	Horizontal	Pass
4**	7514.913	40.24	54.0	13.76	AV	39.00	100	Horizontal	Pass
5	10924.375	51.71	74.0	22.29	Peak	39.00	200	Horizontal	Pass
5**	10924.375	42.54	54.0	11.46	AV	39.00	200	Horizontal	Pass
6	15470.550	54.19	74.0	19.81	Peak	17.00	300	Horizontal	Pass
6**	15470.550	44.41	54.0	9.59	AV	17.00	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	1621.400	39.13	74.0	34.87	Peak	209.00	300	Vertical	Pass
1**	1621.400	29.49	54.0	24.51	AV	209.00	300	Vertical	Pass
2	4389.400	49.73	74.0	24.27	Peak	110.00	200	Vertical	Pass
2**	4389.400	41.35	54.0	12.65	AV	110.00	200	Vertical	Pass
3	5217.400	94.74	--	--	Peak	257.00	200	Vertical	N/A
3**	5217.400	86.45	--	--	AV	257.00	200	Vertical	N/A
4	7450.225	50.05	74.0	23.95	Peak	297.00	400	Vertical	Pass
4**	7450.225	40.59	54.0	13.41	AV	297.00	400	Vertical	Pass
5	11936.663	51.77	74.0	22.23	Peak	211.00	300	Vertical	Pass
5**	11936.663	42.91	54.0	11.09	AV	211.00	300	Vertical	Pass
6	16129.688	54.37	74.0	19.63	Peak	113.00	300	Vertical	Pass
6**	16129.688	45.21	54.0	8.79	AV	113.00	300	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	1607.000	38.40	74.0	35.60	Peak	31.00	100	Horizontal	Pass
1**	1607.000	28.86	54.0	25.14	AV	31.00	100	Horizontal	Pass
2	4004.200	49.79	74.0	24.21	Peak	290.00	100	Horizontal	Pass
2**	4004.200	41.13	54.0	12.87	AV	290.00	100	Horizontal	Pass
3	5213.400	87.23	--	--	Peak	42.00	200	Horizontal	N/A
3**	5213.400	80.80	--	--	AV	42.00	200	Horizontal	N/A
4	7499.675	49.95	74.0	24.05	Peak	176.00	300	Horizontal	Pass
4**	7499.675	40.34	54.0	13.66	AV	176.00	300	Horizontal	Pass
5	11784.287	51.77	74.0	22.23	Peak	39.00	400	Horizontal	Pass
5**	11784.287	42.70	54.0	11.30	AV	39.00	400	Horizontal	Pass
6	15816.787	54.70	74.0	19.30	Peak	253.00	400	Horizontal	Pass
6**	15816.787	44.99	54.0	9.01	AV	253.00	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	1444.600	38.55	74.0	35.45	Peak	82.00	300	Vertical	Pass
1**	1444.600	28.97	54.0	25.03	AV	82.00	300	Vertical	Pass
2	3954.600	50.15	74.0	23.85	Peak	211.00	100	Vertical	Pass
2**	3954.600	40.55	54.0	13.45	AV	211.00	100	Vertical	Pass
3	5217.600	93.24	--	--	Peak	256.00	200	Vertical	N/A
3**	5217.600	85.24	--	--	AV	256.00	200	Vertical	N/A
4	7556.025	50.40	74.0	23.60	Peak	228.00	400	Vertical	Pass
4**	7556.025	40.28	54.0	13.72	AV	228.00	400	Vertical	Pass
5	10924.662	51.68	74.0	22.32	Peak	228.00	200	Vertical	Pass
5**	10924.662	43.02	54.0	10.98	AV	228.00	200	Vertical	Pass
6	15518.063	54.66	74.0	19.34	Peak	133.00	300	Vertical	Pass
6**	15518.063	45.23	54.0	8.77	AV	133.00	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	1582.200	38.41	74.0	35.59	Peak	198.00	300	Horizontal	Pass
1**	1582.200	28.68	54.0	25.32	AV	198.00	300	Horizontal	Pass
2	3992.200	50.08	74.0	23.92	Peak	227.00	400	Horizontal	Pass
2**	3992.200	40.20	54.0	13.80	AV	227.00	400	Horizontal	Pass
3	5257.200	87.45	--	--	Peak	31.00	200	Horizontal	N/A
3**	5257.200	79.15	--	--	AV	31.00	200	Horizontal	N/A
4	7574.712	49.63	74.0	24.37	Peak	313.00	400	Horizontal	Pass
4**	7574.712	40.27	54.0	13.73	AV	313.00	400	Horizontal	Pass
5	11807.575	51.87	74.0	22.13	Peak	330.00	400	Horizontal	Pass
5**	11807.575	42.14	54.0	11.86	AV	330.00	400	Horizontal	Pass
6	16066.688	54.72	74.0	19.28	Peak	17.00	200	Horizontal	Pass
6**	16066.688	43.82	54.0	10.18	AV	17.00	200	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	1589.100	39.35	74.0	34.65	Peak	123.00	400	Vertical	Pass
1**	1589.100	29.44	54.0	24.56	AV	123.00	400	Vertical	Pass
2	4180.400	49.91	74.0	24.09	Peak	54.00	300	Vertical	Pass
2**	4180.400	40.44	54.0	13.56	AV	54.00	300	Vertical	Pass
3	5258.600	97.33	--	--	Peak	54.00	200	Vertical	N/A
3**	5258.600	90.26	--	--	AV	54.00	200	Vertical	N/A
4	7604.612	50.15	74.0	23.85	Peak	158.00	100	Vertical	Pass
4**	7604.612	40.30	54.0	13.70	AV	158.00	100	Vertical	Pass
5	11768.188	51.72	74.0	22.28	Peak	90.00	200	Vertical	Pass
5**	11768.188	42.31	54.0	11.69	AV	90.00	200	Vertical	Pass
6	15847.763	54.80	74.0	19.20	Peak	36.00	400	Vertical	Pass
6**	15847.763	45.62	54.0	8.38	AV	36.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.000	38.84	74.0	35.16	Peak	213.00	100	Horizontal	Pass
1**	1573.000	28.95	54.0	25.05	AV	213.00	100	Horizontal	Pass
2	4357.600	49.88	74.0	24.12	Peak	260.00	300	Horizontal	Pass
2**	4357.600	40.45	54.0	13.55	AV	260.00	300	Horizontal	Pass
3	5301.200	89.12	--	--	Peak	174.00	200	Horizontal	N/A
3**	5301.200	82.47	--	--	AV	174.00	200	Horizontal	N/A
4	7569.250	50.53	74.0	23.47	Peak	134.00	100	Horizontal	Pass
4**	7569.250	40.30	54.0	13.70	AV	134.00	100	Horizontal	Pass
5	11786.588	52.21	74.0	21.79	Peak	117.00	100	Horizontal	Pass
5**	11786.588	43.27	54.0	10.73	AV	117.00	100	Horizontal	Pass
6	15986.625	54.54	74.0	19.46	Peak	217.00	300	Horizontal	Pass
6**	15986.625	44.96	54.0	9.04	AV	217.00	300	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	1501.400	39.20	74.0	34.80	Peak	103.00	400	Vertical	Pass
1**	1501.400	28.91	54.0	25.09	AV	103.00	400	Vertical	Pass
2	3600.000	51.08	68.2	17.12	Peak	45.00	400	Vertical	Pass
2**	3600.000	40.93	--	--	AV	45.00	400	Vertical	N/A
3	5298.200	96.52	--	--	Peak	278.00	200	Vertical	N/A
3**	5298.200	88.76	--	--	AV	278.00	200	Vertical	N/A
4	7508.875	50.13	74.0	23.87	Peak	109.00	300	Vertical	Pass
4**	7508.875	40.69	54.0	13.31	AV	109.00	300	Vertical	Pass
5	11830.862	51.93	74.0	22.07	Peak	8.00	100	Vertical	Pass
5**	11830.862	42.91	54.0	11.09	AV	8.00	100	Vertical	Pass
6	15914.174	54.39	74.0	19.61	Peak	0.00	300	Vertical	Pass
6**	15914.174	43.78	54.0	10.22	AV	0.00	300	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	1563.200	39.10	74.0	34.90	Peak	62.00	200	Horizontal	Pass
1**	1563.200	29.23	54.0	24.77	AV	62.00	200	Horizontal	Pass
2	4297.000	50.49	74.0	23.51	Peak	193.00	200	Horizontal	Pass
2**	4297.000	40.68	54.0	13.32	AV	193.00	200	Horizontal	Pass
3	5327.400	87.84	--	--	Peak	148.00	100	Horizontal	N/A
3**	5327.400	81.47	--	--	AV	148.00	100	Horizontal	N/A
4	7496.225	49.81	74.0	24.19	Peak	360.00	300	Horizontal	Pass
4**	7496.225	42.48	54.0	11.52	AV	360.00	300	Horizontal	Pass
5	11331.763	52.29	74.0	21.71	Peak	220.00	200	Horizontal	Pass
5**	11331.763	42.84	54.0	11.16	AV	220.00	200	Horizontal	Pass
6	16080.600	54.56	74.0	19.44	Peak	360.00	300	Horizontal	Pass
6**	16080.600	45.51	54.0	8.49	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.200	39.88	74.0	34.12	Peak	130.00	200	Vertical	Pass
1**	1560.200	31.04	54.0	22.96	AV	130.00	200	Vertical	Pass
2	4115.400	49.61	74.0	24.39	Peak	156.00	300	Vertical	Pass
2**	4115.400	40.86	54.0	13.14	AV	156.00	300	Vertical	Pass
3	5327.200	93.87	--	--	Peak	260.00	200	Vertical	N/A
3**	5327.200	87.95	--	--	AV	260.00	200	Vertical	N/A
4	7596.562	50.07	74.0	23.93	Peak	309.00	300	Vertical	Pass
4**	7596.562	40.83	54.0	13.17	AV	309.00	300	Vertical	Pass
5	11951.325	51.86	74.0	22.14	Peak	346.00	150	Vertical	Pass
5**	11951.325	42.54	54.0	11.46	AV	346.00	150	Vertical	Pass
6	16094.250	54.03	74.0	19.97	Peak	298.00	100	Vertical	Pass
6**	16094.250	45.25	54.0	8.75	AV	298.00	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	1505.000	38.50	74.0	35.50	Peak	311.00	100	Horizontal	Pass
1**	1505.000	29.61	54.0	24.39	AV	311.00	100	Horizontal	Pass
2	4065.800	50.05	74.0	23.95	Peak	132.00	100	Horizontal	Pass
2**	4065.800	39.89	54.0	14.11	AV	132.00	100	Horizontal	Pass
3	5257.800	90.03	--	--	Peak	132.00	200	Horizontal	N/A
3**	5257.800	82.95	--	--	AV	132.00	200	Horizontal	N/A
4	7446.200	49.69	74.0	24.31	Peak	312.00	100	Horizontal	Pass
4**	7446.200	41.44	54.0	12.56	AV	312.00	100	Horizontal	Pass
5	11780.838	52.36	74.0	21.64	Peak	193.00	200	Horizontal	Pass
5**	11780.838	42.73	54.0	11.27	AV	193.00	200	Horizontal	Pass
6	15820.463	54.48	74.0	19.52	Peak	360.00	100	Horizontal	Pass
6**	15820.463	45.70	54.0	8.30	AV	360.00	100	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	1485.900	38.46	74.0	35.54	Peak	10.00	400	Vertical	Pass
1**	1485.900	29.45	54.0	24.55	AV	10.00	400	Vertical	Pass
2	4286.800	50.15	74.0	23.85	Peak	198.00	200	Vertical	Pass
2**	4286.800	40.57	54.0	13.43	AV	198.00	200	Vertical	Pass
3	5259.200	95.68	--	--	Peak	232.00	200	Vertical	N/A
3**	5259.200	88.64	--	--	AV	232.00	200	Vertical	N/A
4	7458.563	50.27	74.0	23.73	Peak	139.00	400	Vertical	Pass
4**	7458.563	40.58	54.0	13.42	AV	139.00	400	Vertical	Pass
5	11810.450	51.59	74.0	22.41	Peak	0.00	400	Vertical	Pass
5**	11810.450	42.72	54.0	11.28	AV	0.00	400	Vertical	Pass
6	15733.838	54.39	74.0	19.61	Peak	16.00	100	Vertical	Pass
6**	15733.838	42.80	54.0	11.20	AV	16.00	100	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	1575.100	38.86	74.0	35.14	Peak	269.00	200	Horizontal	Pass
1**	1575.100	29.54	54.0	24.46	AV	269.00	200	Horizontal	Pass
2	4390.800	49.95	74.0	24.05	Peak	76.00	300	Horizontal	Pass
2**	4390.800	41.06	54.0	12.94	AV	76.00	300	Horizontal	Pass
3	5293.800	90.07	--	--	Peak	42.00	200	Horizontal	N/A
3**	5293.800	82.10	--	--	AV	42.00	200	Horizontal	N/A
4	7452.237	50.43	74.0	23.57	Peak	260.00	400	Horizontal	Pass
4**	7452.237	40.65	54.0	13.35	AV	260.00	400	Horizontal	Pass
5	10921.213	51.96	74.0	22.04	Peak	329.00	200	Horizontal	Pass
5**	10921.213	43.25	54.0	10.75	AV	329.00	200	Horizontal	Pass
6	15568.201	54.29	74.0	19.71	Peak	360.00	300	Horizontal	Pass
6**	15568.201	44.77	54.0	9.23	AV	360.00	300	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	1499.400	39.58	74.0	34.42	Peak	89.00	100	Vertical	Pass
1**	1499.400	30.17	54.0	23.83	AV	89.00	100	Vertical	Pass
2	4253.400	50.08	74.0	23.92	Peak	118.00	300	Vertical	Pass
2**	4253.400	40.54	54.0	13.46	AV	118.00	300	Vertical	Pass
3	5297.800	96.09	--	--	Peak	269.00	200	Vertical	N/A
3**	5297.800	88.15	--	--	AV	269.00	200	Vertical	N/A
4	7508.013	49.78	74.0	24.22	Peak	259.00	200	Vertical	Pass
4**	7508.013	40.96	54.0	13.04	AV	259.00	200	Vertical	Pass
5	11329.175	51.62	74.0	22.38	Peak	328.00	300	Vertical	Pass
5**	11329.175	42.92	54.0	11.08	AV	328.00	300	Vertical	Pass
6	16130.737	54.76	74.0	19.24	Peak	145.00	300	Vertical	Pass
6**	16130.737	45.56	54.0	8.44	AV	145.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.400	38.82	74.0	35.18	Peak	45.00	300	Horizontal	Pass
1**	1486.400	28.76	54.0	25.24	AV	45.00	300	Horizontal	Pass
2	4385.800	50.50	74.0	23.50	Peak	190.00	100	Horizontal	Pass
2**	4385.800	40.59	54.0	13.41	AV	190.00	100	Horizontal	Pass
3	5327.000	88.04	--	--	Peak	143.00	100	Horizontal	N/A
3**	5327.000	81.86	--	--	AV	143.00	100	Horizontal	N/A
4	7488.750	49.92	74.0	24.08	Peak	158.00	300	Horizontal	Pass
4**	7488.750	41.42	54.0	12.58	AV	158.00	300	Horizontal	Pass
5	10927.825	51.52	74.0	22.48	Peak	176.00	150	Horizontal	Pass
5**	10927.825	43.13	54.0	10.87	AV	176.00	150	Horizontal	Pass
6	15513.075	54.32	74.0	19.68	Peak	188.00	400	Horizontal	Pass
6**	15513.075	44.59	54.0	9.41	AV	188.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.600	38.63	74.0	35.37	Peak	215.00	100	Vertical	Pass
1**	1488.600	29.31	54.0	24.69	AV	215.00	100	Vertical	Pass
2	4248.800	50.08	74.0	23.92	Peak	100.00	400	Vertical	Pass
2**	4248.800	39.69	54.0	14.31	AV	100.00	400	Vertical	Pass
3	5327.000	93.85	--	--	Peak	255.00	100	Vertical	N/A
3**	5327.000	87.40	--	--	AV	255.00	100	Vertical	N/A
4	7559.187	50.25	74.0	23.75	Peak	323.00	200	Vertical	Pass
4**	7559.187	40.52	54.0	13.48	AV	323.00	200	Vertical	Pass
5	10913.162	51.80	74.0	22.20	Peak	237.00	200	Vertical	Pass
5**	10913.162	42.86	54.0	11.14	AV	237.00	200	Vertical	Pass
6	16084.799	54.47	74.0	19.53	Peak	194.00	300	Vertical	Pass
6**	16084.799	45.59	54.0	8.41	AV	194.00	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	1532.100	38.50	74.0	35.50	Peak	109.00	400	Horizontal	Pass
1**	1532.100	29.69	54.0	24.31	AV	109.00	400	Horizontal	Pass
2	4258.800	50.24	74.0	23.76	Peak	19.00	300	Horizontal	Pass
2**	4258.800	40.35	54.0	13.65	AV	19.00	300	Horizontal	Pass
3	5254.000	85.96	--	--	Peak	30.00	200	Horizontal	N/A
3**	5254.000	80.11	--	--	AV	30.00	200	Horizontal	N/A
4	7465.175	49.86	74.0	24.14	Peak	49.00	200	Horizontal	Pass
4**	7465.175	41.03	54.0	12.97	AV	49.00	200	Horizontal	Pass
5	11330.326	52.11	74.0	21.89	Peak	236.00	100	Horizontal	Pass
5**	11330.326	43.41	54.0	10.59	AV	236.00	100	Horizontal	Pass
6	15813.638	54.39	74.0	19.61	Peak	284.00	400	Horizontal	Pass
6**	15813.638	45.75	54.0	8.25	AV	284.00	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	1486.400	38.67	74.0	35.33	Peak	134.00	400	Vertical	Pass
1**	1486.400	30.24	54.0	23.76	AV	134.00	400	Vertical	Pass
2	4061.800	49.90	74.0	24.10	Peak	318.00	100	Vertical	Pass
2**	4061.800	40.83	54.0	13.17	AV	318.00	100	Vertical	Pass
3	5267.600	91.68	--	--	Peak	46.00	100	Vertical	N/A
3**	5267.600	85.00	--	--	AV	46.00	100	Vertical	N/A
4	7448.500	49.96	74.0	24.04	Peak	48.00	300	Vertical	Pass
4**	7448.500	40.77	54.0	13.23	AV	48.00	300	Vertical	Pass
5	10926.963	51.63	74.0	22.37	Peak	204.00	200	Vertical	Pass
5**	10926.963	43.18	54.0	10.82	AV	204.00	200	Vertical	Pass
6	15522.263	54.30	74.0	19.70	Peak	121.00	150	Vertical	Pass
6**	15522.263	44.48	54.0	9.52	AV	121.00	150	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	1490.000	39.14	74.0	34.86	Peak	197.00	300	Horizontal	Pass
1**	1490.000	30.04	54.0	23.96	AV	197.00	300	Horizontal	Pass
2	4074.800	50.35	74.0	23.65	Peak	59.00	200	Horizontal	Pass
2**	4074.800	41.22	54.0	12.78	AV	59.00	200	Horizontal	Pass
3	5326.200	84.93	--	--	Peak	242.00	150	Horizontal	N/A
3**	5326.200	79.52	--	--	AV	242.00	150	Horizontal	N/A
4	7447.063	50.29	74.0	23.71	Peak	201.00	300	Horizontal	Pass
4**	7447.063	42.21	54.0	11.79	AV	201.00	300	Horizontal	Pass
5	11935.799	51.86	74.0	22.14	Peak	269.00	200	Horizontal	Pass
5**	11935.799	43.45	54.0	10.55	AV	269.00	200	Horizontal	Pass
6	15817.575	55.50	74.0	18.50	Peak	156.00	200	Horizontal	Pass
6**	15817.575	46.58	54.0	7.42	AV	156.00	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	1481.900	39.43	74.0	34.57	Peak	324.00	300	Vertical	Pass
1**	1481.900	29.60	54.0	24.40	AV	324.00	300	Vertical	Pass
2	4185.200	50.61	74.0	23.39	Peak	212.00	100	Vertical	Pass
2**	4185.200	40.55	54.0	13.45	AV	212.00	100	Vertical	Pass
3	5307.800	92.03	--	--	Peak	145.00	100	Vertical	N/A
3**	5307.800	85.85	--	--	AV	145.00	100	Vertical	N/A
4	7452.812	50.11	74.0	23.89	Peak	245.00	100	Vertical	Pass
4**	7452.812	41.03	54.0	12.97	AV	245.00	100	Vertical	Pass
5	10638.026	52.04	74.0	21.96	Peak	279.00	150	Vertical	Pass
5**	10638.026	41.88	54.0	12.12	AV	279.00	150	Vertical	Pass
6	15572.924	55.30	74.0	18.70	Peak	291.00	200	Vertical	Pass
6**	15572.924	45.30	54.0	8.70	AV	291.00	200	Vertical	Pass