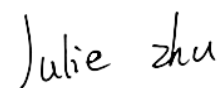
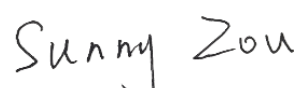


TEST REPORT

Applicant: METABLOX LABS INC
Address: 185-115 9040 Blundell Road, Richmond, BC, V6Y 1K3, Canada
Equipment Type: WiFi6 AP
Model Name: Baker MAX30
Brand Name: METABLOX
FCC ID: 2A9B7-MBMAX30
ISED Number: 32239-MBMAX30
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Aug. 23, 2024
Test Date: Aug. 30, 2024 - Dec. 08, 2024
Date of Issue: Jan. 07, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jan. 07, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	METABLOX LABS INC
Address	185-115 9040 Blundell Road, Richmond, BC, V6Y 1K3, Canada

2.2 Manufacturer Information

Manufacturer	METABLOX LABS INC
Address	185-115 9040 Blundell Road, Richmond, BC, V6Y 1K3, Canada

2.3 General Description for Equipment under Test (EUT)

EUT Name	WiFi6 AP
Model Name Under Test	Baker MAX30
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	/
Hardware Version	1.2
Software Version	1.1
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
-----------------------------------	--

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 1201 Mbps	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz, 160MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz, 160MHz	
Maximum Output Power	U-NII-1: 62.95 mW U-NII-2A: 62.81 mW U-NII-2C: 62.95 mW U-NII-3: 62.81 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax	
Antenna Type	SISO- Antenna 0	PCB Antenna
	SISO- Antenna 1	
Antenna Gain	SISO- Antenna 0	3.57 dBi
	SISO- Antenna 1	3.42 dBi
Total directional gain	For power spectral density (PSD)	Correlated: 6.51 dBi Formulas: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi Uncorrelated:

	measurements	3.50 dBi Formulas: Directional gain = G_{ANT}
	For power measurements	Correlated: 6.51 dBi Formulas: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi Uncorrelated: 3.50 dBi Formulas: Directional gain = G_{ANT}
About the Product		The equipment is WiFi6 AP, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Antenna 0	SISO-Antenna 1	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ac160	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
802.11ax160	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

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	√	√	√	√	√	√	--
802.11ax160	√	√	√	√	√	√	√

2.5 Channel List

20 MHz		40 MHz		80 MHz		160 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210	50	5250
40	5200	46	5230	58	5290	114	5570
44	5220	54	5270	106	5530		
48	5240	62	5310	122	5610		
52	5260	102	5510	155	5775		
56	5280	110	5550				
60	5300	118	5590				
64	5320	126	5630				
100	5500	134	5670				
104	5520	151	5755				
108	5540	159	5795				
112	5560						
116	5580						
120	5600						
124	5620						
128	5640						
132	5660						
136	5680						
140	5700						
149	5745						
153	5765						
157	5785						
161	5805						
165	5825						

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

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

For 802.11ac(VHT160)/ax(HE160)

U-NII-1 (5150 - 5250 MHz)			U-NII-2C (5470 - 5725 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
50	Mid	5250	114	Mid	5570

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.5		50	/	114	/
	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
	11ax(160 MHz)	34		50	/	114	/
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
	11ac(160 MHz)	58.5		50	/	114	/
	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
	11ax(160 MHz)	34		50	/	114	/
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
	11ac(160 MHz)	58.5		50	/	114	/
	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
	11ax(160 MHz)	34		50	/	114	/
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
	11ac(160 MHz)	58.5		50	/	114	/
	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
	11ax(160 MHz)	34		50	/	114	/
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		50	/	114	/
	11ac(160 MHz)	58.5		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
	11ax(160 MHz)	34		50	/	114	/

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
6	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

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

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	47% to 56%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1°C to +25.4°C
Working Voltage of the EUT	NV (Normal Voltage)	220 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
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
				2024.11.28	2025.11.27
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
				2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	Agilent	N9038A	MY55330120	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2022.04.12	2025.04.11
Amplifier	COM-MV	ZT30-1000M	B2017119081	2023.12.05	2024.12.04
				2024.11.28	2025.11.27
Anechoic Chamber	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

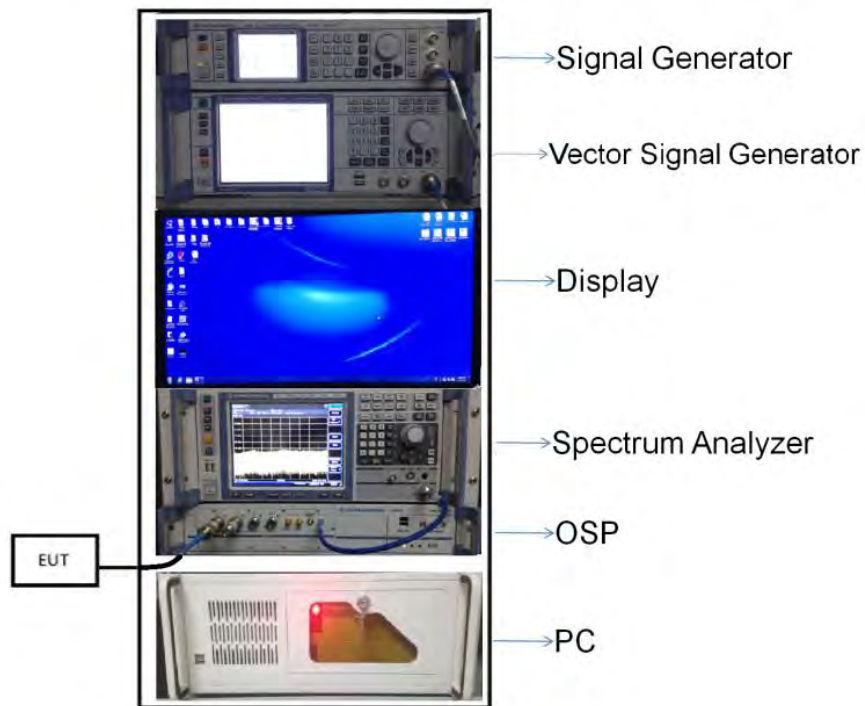
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

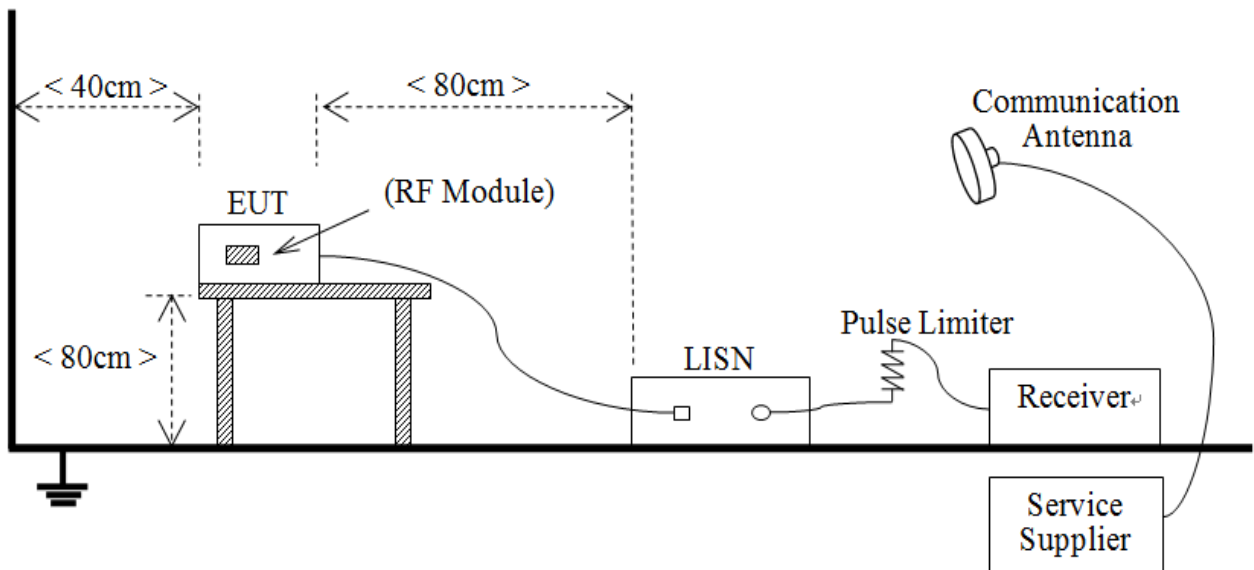
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



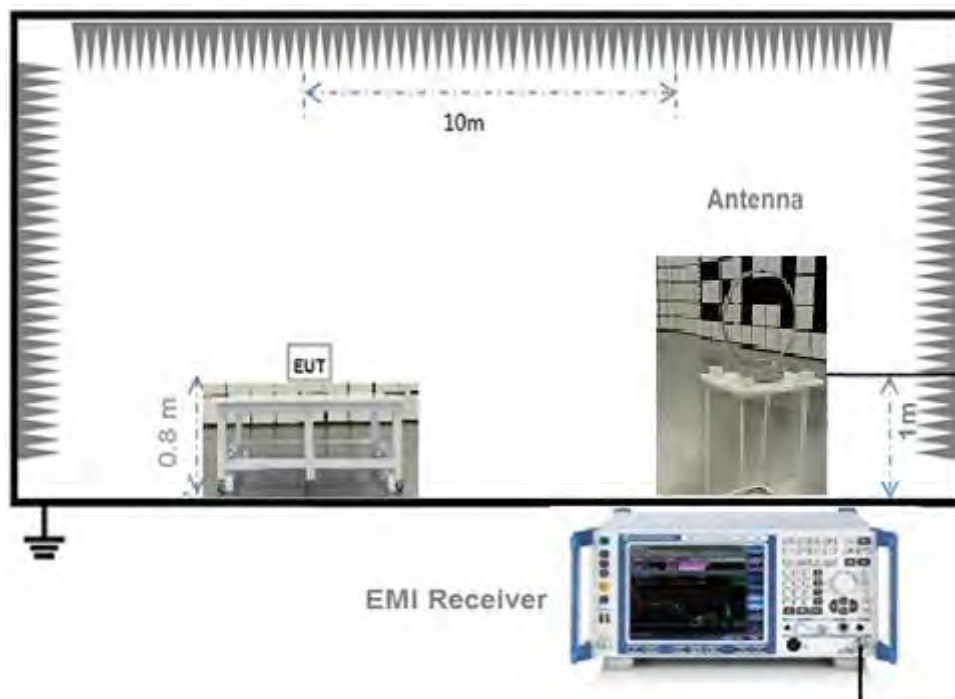
(Diagram 1)

4.5.2 For AC Power Supply Port Test



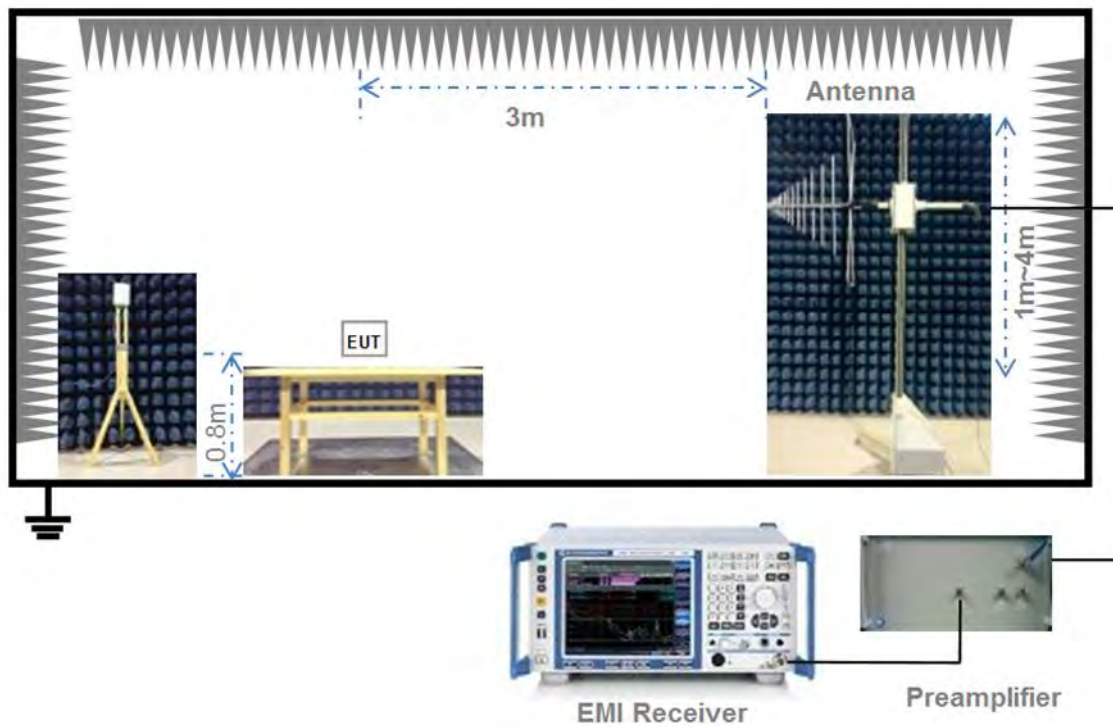
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



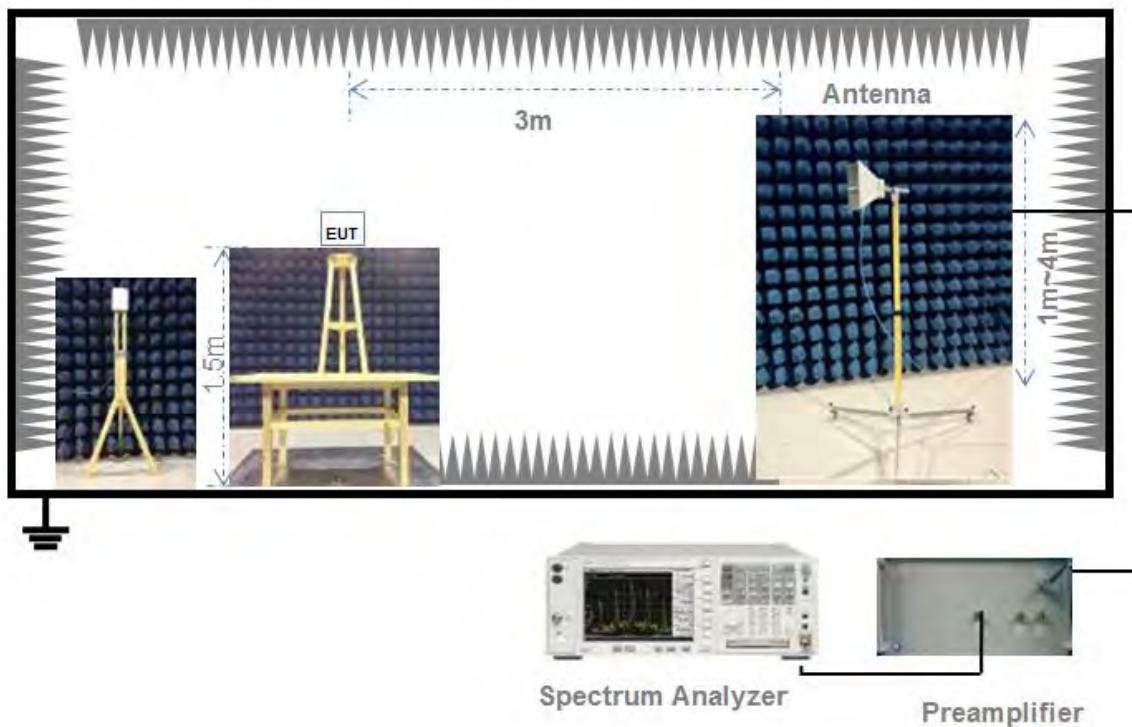
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

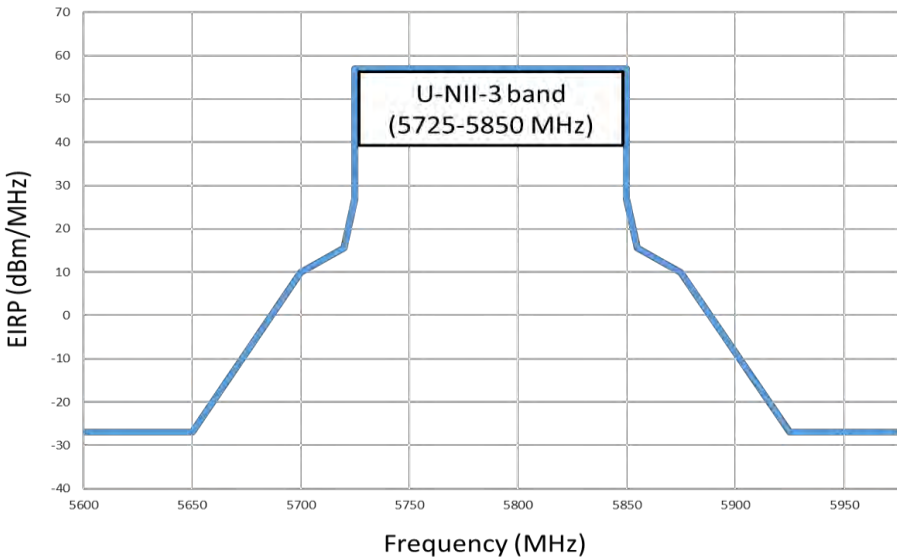
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note: 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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.46	95.47%	0.20
11n(HT20)/11ac(VHT20)	1.30	1.37	95.38%	0.21
11n(HT40)/11ac(VHT40)	0.65	0.70	91.91%	0.37
11ac(VHT80)	0.15	0.20	72.14%	1.42
11ac(VHT160)	0.10	0.15	64.56%	1.90
11ax(HE20) (SU)	0.43	0.49	87.96%	0.56
11ax(HE40) (SU)	0.42	0.48	87.80%	0.57
11ax(HE80) (SU)	0.26	0.31	81.70%	0.88
11ax(HE160) (SU)	0.18	0.24	78.14%	1.07

Test DataConducted PowerSISO-Antenna 0

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.89	61.52	1000	Pass
11a	CH44	17.64	58.08	1000	Pass
11a	CH48	17.68	58.61	1000	Pass
11n (HT20)	CH36	17.85	60.95	1000	Pass
11n (HT20)	CH44	17.70	58.88	1000	Pass
11n (HT20)	CH48	17.67	58.48	1000	Pass
11n (HT40)	CH38	17.82	60.53	1000	Pass
11n (HT40)	CH46	17.95	3.00	1000	Pass
11ac (VHT20)	CH36	17.86	61.09	1000	Pass
11ac (VHT20)	CH44	17.69	58.75	1000	Pass
11ac (VHT20)	CH48	17.59	57.41	1000	Pass
11ac (VHT40)	CH38	17.88	61.38	1000	Pass
11ac (VHT40)	CH46	17.99	62.95	1000	Pass
11ac (VHT80)	CH42	17.95	62.37	1000	Pass
11ac (VHT160)	CH50	12.87	19.36	1000	Pass
11ax (HE20) (SU)	CH36	17.95	62.37	1000	Pass
11ax (HE20) (SU)	CH44	17.85	60.95	1000	Pass
11ax (HE20) (SU)	CH48	17.87	61.24	1000	Pass
11ax (HE40) (SU)	CH38	17.74	59.43	1000	Pass
11ax (HE40) (SU)	CH46	17.92	61.94	1000	Pass
11ax (HE80) (SU)	CH42	17.79	60.12	1000	Pass
11ax (HE160) (SU)	CH50	17.73	59.29	1000	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	9.56	9.04	1000	Pass
		52	9.69	9.31	1000	Pass
		106	9.54	8.99	1000	Pass
	CH44	26	9.58	9.08	1000	Pass
		52	9.75	9.44	1000	Pass
		106	9.66	9.25	1000	Pass
	CH48	26	9.27	8.45	1000	Pass
		52	9.42	8.75	1000	Pass
		106	9.25	8.41	1000	Pass
11ax (HE40) (RU)	CH38	26	9.20	8.32	1000	Pass
		52	9.26	8.43	1000	Pass
		106	9.11	8.15	1000	Pass
		242	9.10	8.13	1000	Pass
	CH46	26	9.83	9.62	1000	Pass
		52	9.95	9.89	1000	Pass
		106	9.75	9.44	1000	Pass
		242	9.94	9.86	1000	Pass
11ax (HE80) (RU)	CH42	26	9.46	8.83	1000	Pass
		52	9.52	8.95	1000	Pass
		106	9.60	9.12	1000	Pass
		242	9.44	8.79	1000	Pass
		484	9.75	9.44	1000	Pass
11ax (HE160) (RU)	CH50	26	10.13	10.30	1000	Pass
		52	10.03	10.07	1000	Pass
		106	10.05	10.12	1000	Pass
		242	9.67	9.27	1000	Pass
		484	10.11	10.26	1000	Pass
		996	10.19	10.45	1000	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.77	59.84	250	Pass
11a	CH60	17.88	61.38	250	Pass
11a	CH64	17.92	61.94	250	Pass
11n (HT20)	CH52	17.72	59.16	250	Pass
11n (HT20)	CH60	17.89	61.52	250	Pass
11n (HT20)	CH64	17.81	60.39	250	Pass
11n (HT40)	CH54	17.98	62.81	250	Pass
11n (HT40)	CH62	17.89	61.52	250	Pass
11ac (VHT20)	CH52	17.75	59.57	250	Pass
11ac (VHT20)	CH60	17.84	60.81	250	Pass
11ac (VHT20)	CH64	17.87	61.24	250	Pass
11ac (VHT40)	CH54	17.62	57.81	250	Pass
11ac (VHT40)	CH62	17.87	61.24	250	Pass
11ac (VHT80)	CH58	14.22	26.42	250	Pass
11ax (HE20) (SU)	CH52	17.81	60.39	250	Pass
11ax (HE20) (SU)	CH60	17.95	62.37	250	Pass
11ax (HE20) (SU)	CH64	17.97	62.66	250	Pass
11ax (HE40) (SU)	CH54	17.91	61.80	250	Pass
11ax (HE40) (SU)	CH62	17.72	59.16	250	Pass
11ax (HE80) (SU)	CH58	15.33	34.12	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	9.01	7.96	250	Pass
		52	9.67	9.27	250	Pass
		106	10.06	10.14	250	Pass
	CH60	26	9.30	8.51	250	Pass
		52	9.45	8.81	250	Pass
		106	9.79	9.53	250	Pass
	CH64	26	8.41	6.93	250	Pass
		52	9.52	8.95	250	Pass
		106	9.82	9.59	250	Pass
11ax (HE40) (RU)	CH54	26	9.10	8.13	250	Pass
		52	9.71	9.35	250	Pass
		106	10.07	10.16	250	Pass
		242	9.68	9.29	250	Pass
	CH62	26	8.83	7.64	250	Pass
		52	9.96	9.91	250	Pass
		106	9.72	9.38	250	Pass
		242	10.10	10.23	250	Pass
11ax (HE80) (RU)	CH58	26	9.70	9.33	250	Pass
		52	9.66	9.25	250	Pass
		106	9.24	8.39	250	Pass
		242	10.06	10.14	250	Pass
		484	9.83	9.62	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.62	57.81	250	Pass
11a	CH116	17.98	62.81	250	Pass
11a	CH140	17.99	62.95	250	Pass
11n (HT20)	CH100	17.60	57.54	250	Pass
11n (HT20)	CH116	17.91	61.80	250	Pass
11n (HT20)	CH140	17.96	62.52	250	Pass
11n (HT40)	CH102	17.73	59.29	250	Pass
11n (HT40)	CH118	17.88	61.38	250	Pass
11n (HT40)	CH134	17.94	62.23	250	Pass
11ac (VHT20)	CH100	17.62	57.81	250	Pass
11ac (VHT20)	CH116	17.97	62.66	250	Pass
11ac (VHT20)	CH140	17.99	62.95	250	Pass
11ac (VHT40)	CH102	17.70	58.88	250	Pass
11ac (VHT40)	CH118	17.86	61.09	250	Pass
11ac (VHT40)	CH134	17.98	62.81	250	Pass
11ac (VHT80)	CH106	17.81	60.39	250	Pass
11ac (VHT80)	CH122	17.54	56.75	250	Pass
11ac (VHT160)	CH114	14.62	28.97	250	Pass
11ax (HE20) (SU)	CH100	17.80	60.26	250	Pass
11ax (HE20) (SU)	CH116	17.63	57.94	250	Pass
11ax (HE20) (SU)	CH140	17.66	58.34	250	Pass
11ax (HE40) (SU)	CH102	17.47	55.85	250	Pass
11ax (HE40) (SU)	CH118	17.78	59.98	250	Pass
11ax (HE40) (SU)	CH134	17.73	59.29	250	Pass
11ax (HE80) (SU)	CH106	17.95	62.37	250	Pass
11ax (HE80) (SU)	CH122	17.82	60.53	250	Pass
11ax (HE160) (SU)	CH114	15.27	33.65	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	8.90	7.76	250	Pass
		52	9.01	7.96	250	Pass
		106	8.78	7.55	250	Pass
	CH116	26	8.78	7.55	250	Pass
		52	8.94	7.83	250	Pass
		106	8.80	7.59	250	Pass
	CH140	26	9.23	8.38	250	Pass
		52	9.30	8.51	250	Pass
		106	9.10	8.13	250	Pass
11ax (HE40) (RU)	CH102	26	9.34	8.59	250	Pass
		52	9.42	8.75	250	Pass
		106	9.21	8.34	250	Pass
		242	9.66	9.25	250	Pass
	CH118	26	8.92	7.80	250	Pass
		52	9.02	7.98	250	Pass
		106	8.85	7.67	250	Pass
		242	8.92	7.80	250	Pass
	CH134	26	9.08	8.09	250	Pass
		52	9.13	8.18	250	Pass
		106	8.90	7.76	250	Pass
		242	9.30	8.51	250	Pass
11ax (HE80) (RU)	CH106	26	9.38	8.67	250	Pass
		52	9.35	8.61	250	Pass
		106	9.44	8.79	250	Pass
		242	9.88	9.73	250	Pass
		484	9.60	9.12	250	Pass
	CH122	26	9.16	8.24	250	Pass
		52	9.15	8.22	250	Pass
		106	9.27	8.45	250	Pass
		242	9.13	8.18	250	Pass
		484	9.02	7.98	250	Pass
11ax (HE160) (RU)	CH114	26	9.13	8.18	250	Pass
		52	9.13	8.18	250	Pass
		106	9.15	8.22	250	Pass
		242	9.25	8.41	250	Pass
		484	9.13	8.18	250	Pass
		996	9.11	8.15	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.75	59.57	1000	Pass
11a	CH157	17.52	56.49	1000	Pass
11a	CH165	17.58	57.28	1000	Pass
11n (HT20)	CH149	17.77	59.84	1000	Pass
11n (HT20)	CH157	17.59	57.41	1000	Pass
11n (HT20)	CH165	17.76	59.70	1000	Pass
11n (HT40)	CH151	17.83	60.67	1000	Pass
11n (HT40)	CH159	17.88	61.38	1000	Pass
11ac (VHT20)	CH149	17.76	59.70	1000	Pass
11ac (VHT20)	CH157	17.59	57.41	1000	Pass
11ac (VHT20)	CH165	17.76	59.70	1000	Pass
11ac (VHT40)	CH151	17.78	59.98	1000	Pass
11ac (VHT40)	CH159	17.83	60.67	1000	Pass
11ac (VHT80)	CH155	17.48	55.98	1000	Pass
11ax (HE20) (SU)	CH149	17.98	62.81	1000	Pass
11ax (HE20) (SU)	CH157	17.69	58.75	1000	Pass
11ax (HE20) (SU)	CH165	17.86	61.09	1000	Pass
11ax (HE40) (SU)	CH151	17.63	57.94	1000	Pass
11ax (HE40) (SU)	CH159	17.70	58.88	1000	Pass
11ax (HE80) (SU)	CH155	17.72	59.16	1000	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH149	26	12.05	16.03	1000	Pass
		52	12.11	16.26	1000	Pass
		106	12.35	17.18	1000	Pass
	CH157	26	11.79	15.10	1000	Pass
		52	11.97	15.74	1000	Pass
		106	11.87	15.38	1000	Pass
	CH165	26	12.16	16.44	1000	Pass
		52	12.25	16.79	1000	Pass
		106	12.51	17.82	1000	Pass
11ax (HE40) (RU)	CH151	26	12.28	16.90	1000	Pass
		52	12.34	17.14	1000	Pass
		106	12.08	16.14	1000	Pass
		242	13.44	22.08	1000	Pass
	CH159	26	12.04	16.00	1000	Pass
		52	12.10	16.22	1000	Pass
		106	12.40	17.38	1000	Pass
		242	12.52	17.86	1000	Pass
11ax (HE80) (RU)	CH155	26	12.07	16.11	1000	Pass
		52	12.03	15.96	1000	Pass
		106	12.19	16.56	1000	Pass
		242	12.04	16.00	1000	Pass
		484	12.00	15.85	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.64	58.08	1000	Pass
11a	CH44	17.39	54.83	1000	Pass
11a	CH48	17.43	55.34	1000	Pass
11n (HT20)	CH36	17.60	57.54	1000	Pass
11n (HT20)	CH44	17.25	53.09	1000	Pass
11n (HT20)	CH48	17.42	55.21	1000	Pass
11n (HT40)	CH38	17.57	57.15	1000	Pass
11n (HT40)	CH46	17.56	57.02	1000	Pass
11ac (VHT20)	CH36	17.61	57.68	1000	Pass
11ac (VHT20)	CH44	17.44	55.46	1000	Pass
11ac (VHT20)	CH48	17.36	54.45	1000	Pass
11ac (VHT40)	CH38	17.46	55.72	1000	Pass
11ac (VHT40)	CH46	17.76	59.70	1000	Pass
11ac (VHT80)	CH42	17.72	59.16	1000	Pass
11ac (VHT160)	CH50	12.64	18.37	1000	Pass
11ax (HE20) (SU)	CH36	17.72	59.16	1000	Pass
11ax (HE20) (SU)	CH44	17.48	55.98	1000	Pass
11ax (HE20) (SU)	CH48	17.64	58.08	1000	Pass
11ax (HE40) (SU)	CH38	17.51	56.36	1000	Pass
11ax (HE40) (SU)	CH46	17.27	53.33	1000	Pass
11ax (HE80) (SU)	CH42	17.56	57.02	1000	Pass
11ax (HE160) (SU)	CH50	17.50	56.23	1000	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	9.45	8.81	1000	Pass
		52	9.21	8.34	1000	Pass
		106	9.43	8.77	1000	Pass
	CH44	26	9.10	8.13	1000	Pass
		52	9.64	9.20	1000	Pass
		106	9.18	8.28	1000	Pass
	CH48	26	9.16	8.24	1000	Pass
		52	8.94	7.83	1000	Pass
		106	9.14	8.20	1000	Pass
11ax (HE40) (RU)	CH38	26	8.72	7.45	1000	Pass
		52	9.15	8.22	1000	Pass
		106	8.63	7.29	1000	Pass
		242	8.99	7.93	1000	Pass
	CH46	26	9.35	8.61	1000	Pass
		52	9.84	9.64	1000	Pass
		106	9.27	8.45	1000	Pass
		242	9.83	9.62	1000	Pass
11ax (HE80) (RU)	CH42	26	8.98	7.91	1000	Pass
		52	9.41	8.73	1000	Pass
		106	9.12	8.17	1000	Pass
		242	9.33	8.57	1000	Pass
		484	9.27	8.45	1000	Pass
11ax (HE160) (RU)	CH50	26	10.02	10.05	1000	Pass
		52	9.55	9.02	1000	Pass
		106	9.94	9.86	1000	Pass
		242	9.19	8.30	1000	Pass
		484	10.00	10.00	1000	Pass
		996	9.71	9.35	1000	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.54	56.75	250	Pass
11a	CH60	17.25	53.09	250	Pass
11a	CH64	17.69	58.75	250	Pass
11n (HT20)	CH52	17.49	56.10	250	Pass
11n (HT20)	CH60	17.66	58.34	250	Pass
11n (HT20)	CH64	17.58	57.28	250	Pass
11n (HT40)	CH54	17.75	59.57	250	Pass
11n (HT40)	CH62	17.66	58.34	250	Pass
11ac (VHT20)	CH52	17.17	52.12	250	Pass
11ac (VHT20)	CH60	17.59	57.41	250	Pass
11ac (VHT20)	CH64	17.62	57.81	250	Pass
11ac (VHT40)	CH54	17.37	54.58	250	Pass
11ac (VHT40)	CH62	17.62	57.81	250	Pass
11ac (VHT80)	CH58	13.97	24.95	250	Pass
11ax (HE20) (SU)	CH52	17.56	57.02	250	Pass
11ax (HE20) (SU)	CH60	17.66	58.34	250	Pass
11ax (HE20) (SU)	CH64	17.72	59.16	250	Pass
11ax (HE40) (SU)	CH54	17.66	58.34	250	Pass
11ax (HE40) (SU)	CH62	17.42	55.21	250	Pass
11ax (HE80) (SU)	CH58	15.08	32.21	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	8.90	7.76	250	Pass
		52	9.19	8.30	250	Pass
		106	9.95	9.89	250	Pass
	CH60	26	8.82	7.62	250	Pass
		52	9.34	8.59	250	Pass
		106	9.31	8.53	250	Pass
	CH64	26	8.30	6.76	250	Pass
		52	9.04	8.02	250	Pass
		106	9.71	9.35	250	Pass
11ax (HE40) (RU)	CH54	26	8.62	7.28	250	Pass
		52	9.60	9.12	250	Pass
		106	9.59	9.10	250	Pass
		242	9.57	9.06	250	Pass
	CH62	26	8.35	6.84	250	Pass
		52	9.85	9.66	250	Pass
		106	9.24	8.39	250	Pass
		242	9.99	9.98	250	Pass
11ax (HE80) (RU)	CH58	26	9.22	8.36	250	Pass
		52	9.55	9.02	250	Pass
		106	8.76	7.52	250	Pass
		242	9.95	9.89	250	Pass
		484	9.35	8.61	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.37	54.58	250	Pass
11a	CH116	17.45	55.59	250	Pass
11a	CH140	17.74	59.43	250	Pass
11n (HT20)	CH100	17.35	54.33	250	Pass
11n (HT20)	CH116	17.66	58.34	250	Pass
11n (HT20)	CH140	17.71	59.02	250	Pass
11n (HT40)	CH102	17.48	55.98	250	Pass
11n (HT40)	CH118	17.63	57.94	250	Pass
11n (HT40)	CH134	17.69	58.75	250	Pass
11ac (VHT20)	CH100	17.37	54.58	250	Pass
11ac (VHT20)	CH116	17.72	59.16	250	Pass
11ac (VHT20)	CH140	17.48	55.98	250	Pass
11ac (VHT40)	CH102	17.45	55.59	250	Pass
11ac (VHT40)	CH118	17.61	57.68	250	Pass
11ac (VHT40)	CH134	17.73	59.29	250	Pass
11ac (VHT80)	CH106	17.56	57.02	250	Pass
11ac (VHT80)	CH122	17.29	53.58	250	Pass
11ac (VHT160)	CH114	14.58	28.71	250	Pass
11ax (HE20) (SU)	CH100	17.55	56.89	250	Pass
11ax (HE20) (SU)	CH116	17.38	54.70	250	Pass
11ax (HE20) (SU)	CH140	17.41	55.08	250	Pass
11ax (HE40) (SU)	CH102	17.22	52.72	250	Pass
11ax (HE40) (SU)	CH118	17.53	56.62	250	Pass
11ax (HE40) (SU)	CH134	17.25	53.09	250	Pass
11ax (HE80) (SU)	CH106	17.70	58.88	250	Pass
11ax (HE80) (SU)	CH122	17.57	57.15	250	Pass
11ax (HE160) (SU)	CH114	15.02	31.77	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	8.79	7.57	250	Pass
		52	8.53	7.13	250	Pass
		106	8.67	7.36	250	Pass
	CH116	26	8.30	6.76	250	Pass
		52	8.83	7.64	250	Pass
		106	8.32	6.79	250	Pass
	CH140	26	9.12	8.17	250	Pass
		52	8.82	7.62	250	Pass
		106	8.99	7.93	250	Pass
11ax (HE40) (RU)	CH102	26	8.86	7.69	250	Pass
		52	9.31	8.53	250	Pass
		106	8.73	7.46	250	Pass
		242	9.55	9.02	250	Pass
	CH118	26	8.44	6.98	250	Pass
		52	8.91	7.78	250	Pass
		106	8.37	6.87	250	Pass
		242	8.81	7.60	250	Pass
	CH134	26	8.60	7.24	250	Pass
		52	9.02	7.98	250	Pass
		106	8.42	6.95	250	Pass
		242	9.19	8.30	250	Pass
11ax (HE80) (RU)	CH106	26	8.90	7.76	250	Pass
		52	9.24	8.39	250	Pass
		106	8.96	7.87	250	Pass
		242	9.77	9.48	250	Pass
		484	9.12	8.17	250	Pass
	CH122	26	9.05	8.04	250	Pass
		52	8.67	7.36	250	Pass
		106	9.16	8.24	250	Pass
		242	8.65	7.33	250	Pass
		484	8.91	7.78	250	Pass
11ax (HE160) (RU)	CH114	26	8.65	7.33	250	Pass
		52	9.02	7.98	250	Pass
		106	8.67	7.36	250	Pass
		242	9.14	8.20	250	Pass
		484	8.65	7.33	250	Pass
		996	9.00	7.94	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.50	56.23	1000	Pass
11a	CH157	17.27	53.33	1000	Pass
11a	CH165	17.33	54.08	1000	Pass
11n (HT20)	CH149	17.52	56.49	1000	Pass
11n (HT20)	CH157	17.34	54.20	1000	Pass
11n (HT20)	CH165	17.51	56.36	1000	Pass
11n (HT40)	CH151	17.58	57.28	1000	Pass
11n (HT40)	CH159	17.63	57.94	1000	Pass
11ac (VHT20)	CH149	17.51	56.36	1000	Pass
11ac (VHT20)	CH157	17.34	54.20	1000	Pass
11ac (VHT20)	CH165	17.51	56.36	1000	Pass
11ac (VHT40)	CH151	17.53	56.62	1000	Pass
11ac (VHT40)	CH159	17.58	57.28	1000	Pass
11ac (VHT80)	CH155	17.23	52.84	1000	Pass
11ax (HE20) (SU)	CH149	17.73	59.29	1000	Pass
11ax (HE20) (SU)	CH157	17.44	55.46	1000	Pass
11ax (HE20) (SU)	CH165	17.61	57.68	1000	Pass
11ax (HE40) (SU)	CH151	17.38	54.70	1000	Pass
11ax (HE40) (SU)	CH159	17.45	55.59	1000	Pass
11ax (HE80) (SU)	CH155	17.47	55.85	1000	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH149	26	11.57	14.35	1000	Pass
		52	12.00	15.85	1000	Pass
		106	11.87	15.38	1000	Pass
	CH157	26	11.68	14.72	1000	Pass
		52	11.49	14.09	1000	Pass
		106	11.76	15.00	1000	Pass
	CH165	26	11.68	14.72	1000	Pass
		52	12.14	16.37	1000	Pass
		106	12.03	15.96	1000	Pass
11ax (HE40) (RU)	CH151	26	12.17	16.48	1000	Pass
		52	11.86	15.35	1000	Pass
		106	11.97	15.74	1000	Pass
		242	12.96	19.77	1000	Pass
	CH159	26	11.93	15.60	1000	Pass
		52	11.62	14.52	1000	Pass
		106	12.29	16.94	1000	Pass
		242	12.04	16.00	1000	Pass
11ax (HE80) (RU)	CH155	26	11.96	15.70	1000	Pass
		52	11.55	14.29	1000	Pass
		106	12.08	16.14	1000	Pass
		242	11.56	14.32	1000	Pass
		484	11.89	15.45	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.36	27.29	889.20	Pass
11a	CH44	14.25	26.61	889.20	Pass
11a	CH48	14.15	26.00	889.20	Pass
11n (HT20)	CH36	14.32	27.04	1000	Pass
11n (HT20)	CH44	14.17	26.12	1000	Pass
11n (HT20)	CH48	14.14	25.94	1000	Pass
11n (HT40)	CH38	14.36	27.29	1000	Pass
11n (HT40)	CH46	14.42	27.67	1000	Pass
11ac (VHT20)	CH36	14.43	27.73	1000	Pass
11ac (VHT20)	CH44	14.26	26.67	1000	Pass
11ac (VHT20)	CH48	14.16	26.06	1000	Pass
11ac (VHT40)	CH38	14.45	27.86	1000	Pass
11ac (VHT40)	CH46	14.62	28.97	1000	Pass
11ac (VHT80)	CH42	14.52	28.31	1000	Pass
11ac (VHT160)	CH50	9.44	8.79	1000	Pass
11ax (HE20) (SU)	CH36	14.38	27.42	1000	Pass
11ax (HE20) (SU)	CH44	14.42	27.67	1000	Pass
11ax (HE20) (SU)	CH48	14.44	27.80	1000	Pass
11ax (HE40) (SU)	CH38	14.31	26.98	1000	Pass
11ax (HE40) (SU)	CH46	14.49	28.12	1000	Pass
11ax (HE80) (SU)	CH42	14.36	27.29	1000	Pass
11ax (HE160) (SU)	CH50	14.30	26.92	1000	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	6.04	4.02	1000	Pass
		52	6.61	4.58	1000	Pass
		106	6.02	4.00	1000	Pass
	CH44	26	6.50	4.47	1000	Pass
		52	6.23	4.20	1000	Pass
		106	6.58	4.55	1000	Pass
	CH48	26	5.75	3.76	1000	Pass
		52	6.34	4.31	1000	Pass
		106	5.73	3.74	1000	Pass
11ax (HE40) (RU)	CH38	26	6.12	4.09	1000	Pass
		52	5.74	3.75	1000	Pass
		106	6.03	4.01	1000	Pass
		242	5.58	3.61	1000	Pass
	CH46	26	6.75	4.73	1000	Pass
		52	6.43	4.40	1000	Pass
		106	6.67	4.65	1000	Pass
		242	6.42	4.39	1000	Pass
11ax (HE80) (RU)	CH42	26	6.38	4.35	1000	Pass
		52	6.00	3.98	1000	Pass
		106	6.52	4.49	1000	Pass
		242	5.92	3.91	1000	Pass
		484	6.67	4.65	1000	Pass
11ax (HE160) (RU)	CH50	26	6.61	4.58	1000	Pass
		52	6.95	4.95	1000	Pass
		106	6.53	4.50	1000	Pass
		242	6.59	4.56	1000	Pass
		484	6.59	4.56	1000	Pass
		996	7.11	5.14	1000	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.34	27.16	222.33	Pass
11a	CH60	14.45	27.86	222.33	Pass
11a	CH64	14.48	28.05	222.33	Pass
11n (HT20)	CH52	14.29	26.85	250	Pass
11n (HT20)	CH60	14.46	27.93	250	Pass
11n (HT20)	CH64	14.38	27.42	250	Pass
11n (HT40)	CH54	14.55	28.51	250	Pass
11n (HT40)	CH62	14.46	27.93	250	Pass
11ac (VHT20)	CH52	14.32	27.04	250	Pass
11ac (VHT20)	CH60	14.54	28.44	250	Pass
11ac (VHT20)	CH64	14.44	27.80	250	Pass
11ac (VHT40)	CH54	14.09	25.64	250	Pass
11ac (VHT40)	CH62	14.34	27.16	250	Pass
11ac (VHT80)	CH58	10.69	11.72	250	Pass
11ax (HE20) (SU)	CH52	14.28	26.79	250	Pass
11ax (HE20) (SU)	CH60	14.42	27.67	250	Pass
11ax (HE20) (SU)	CH64	14.44	27.80	250	Pass
11ax (HE40) (SU)	CH54	14.38	27.42	250	Pass
11ax (HE40) (SU)	CH62	14.19	26.24	250	Pass
11ax (HE80) (SU)	CH58	11.80	15.14	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	3.54	285	250	Pass
		52	4.56	285	250	Pass
		106	4.51	285	250	Pass
	CH60	26	4.19	398	250	Pass
		52	3.92	398	250	Pass
		106	4.69	398	250	Pass
	CH64	26	3.08	344	250	Pass
		52	4.41	344	250	Pass
		106	4.27	344	250	Pass
11ax (HE40) (RU)	CH54	26	4.00	499	250	Pass
		52	4.16	499	250	Pass
		106	5.00	499	250	Pass
		242	4.13	499	250	Pass
	CH62	26	3.76	612	250	Pass
		52	4.41	612	250	Pass
		106	4.61	612	250	Pass
		242	4.55	612	250	Pass
11ax (HE80) (RU)	CH58	26	4.59	1242	250	Pass
		52	4.11	1242	250	Pass
		106	4.13	1242	250	Pass
		242	4.51	1242	250	Pass
		484	4.73	1242	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	25.64	393	222.33	Pass
11a	CH116	27.86	266	222.33	Pass
11a	CH140	30.06	344	222.33	Pass
11n (HT20)	CH100	25.53	397	250	Pass
11n (HT20)	CH116	27.42	275	250	Pass
11n (HT20)	CH140	27.73	372	250	Pass
11n (HT40)	CH102	26.30	707	250	Pass
11n (HT40)	CH118	27.23	516	250	Pass
11n (HT40)	CH134	28.18	817	250	Pass
11ac (VHT20)	CH100	26.18	380	250	Pass
11ac (VHT20)	CH116	28.38	273	250	Pass
11ac (VHT20)	CH140	28.51	367	250	Pass
11ac (VHT40)	CH102	26.67	642	250	Pass
11ac (VHT40)	CH118	27.67	515	250	Pass
11ac (VHT40)	CH134	27.23	795	250	Pass
11ac (VHT80)	CH106	27.35	1334	250	Pass
11ac (VHT80)	CH122	25.70	1009	250	Pass
11ac (VHT160)	CH114	13.12	2107	250	Pass
11ax (HE20) (SU)	CH100	27.29	393	250	Pass
11ax (HE20) (SU)	CH116	26.24	280	250	Pass
11ax (HE20) (SU)	CH140	26.42	336	250	Pass
11ax (HE40) (SU)	CH102	25.29	608	250	Pass
11ax (HE40) (SU)	CH118	27.16	499	250	Pass
11ax (HE40) (SU)	CH134	26.85	703	250	Pass
11ax (HE80) (SU)	CH106	28.25	1216	250	Pass
11ax (HE80) (SU)	CH122	27.42	1011	250	Pass
11ax (HE160) (SU)	CH114	15.24	2052	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	5.38	3.45	250	Pass
		52	5.93	3.92	250	Pass
		106	5.26	3.36	250	Pass
	CH116	26	5.70	3.72	250	Pass
		52	5.42	3.48	250	Pass
		106	5.72	3.73	250	Pass
	CH140	26	5.71	3.72	250	Pass
		52	6.22	4.19	250	Pass
		106	5.58	3.61	250	Pass
11ax (HE40) (RU)	CH102	26	6.26	4.23	250	Pass
		52	5.90	3.89	250	Pass
		106	6.13	4.10	250	Pass
		242	6.14	4.11	250	Pass
	CH118	26	5.84	3.84	250	Pass
		52	5.50	3.55	250	Pass
		106	5.77	3.78	250	Pass
		242	5.40	3.47	250	Pass
	CH134	26	6.00	3.98	250	Pass
		52	5.61	3.64	250	Pass
		106	5.82	3.82	250	Pass
		242	5.78	3.78	250	Pass
11ax (HE80) (RU)	CH106	26	6.30	4.27	250	Pass
		52	5.83	3.83	250	Pass
		106	6.36	4.33	250	Pass
		242	6.36	4.33	250	Pass
		484	6.52	4.49	250	Pass
	CH122	26	5.64	3.66	250	Pass
		52	6.07	4.05	250	Pass
		106	5.75	3.76	250	Pass
		242	6.05	4.03	250	Pass
		484	5.50	3.55	250	Pass
11ax (HE160) (RU)	CH114	26	6.05	4.03	250	Pass
		52	5.61	3.64	250	Pass
		106	6.07	4.05	250	Pass
		242	5.73	3.74	250	Pass
		484	6.05	4.03	250	Pass
		996	5.59	3.62	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.14	25.94	889.20	Pass
11a	CH157	14.08	25.59	889.20	Pass
11a	CH165	14.14	25.94	889.20	Pass
11n (HT20)	CH149	14.33	27.10	1000	Pass
11n (HT20)	CH157	14.15	26.00	1000	Pass
11n (HT20)	CH165	14.32	27.04	1000	Pass
11n (HT40)	CH151	14.39	27.48	1000	Pass
11n (HT40)	CH159	14.35	27.23	1000	Pass
11ac (VHT20)	CH149	14.23	26.49	1000	Pass
11ac (VHT20)	CH157	14.06	25.47	1000	Pass
11ac (VHT20)	CH165	14.56	28.58	1000	Pass
11ac (VHT40)	CH151	14.25	26.61	1000	Pass
11ac (VHT40)	CH159	14.30	26.92	1000	Pass
11ac (VHT80)	CH155	13.95	24.83	1000	Pass
11ax (HE20) (SU)	CH149	14.45	27.86	1000	Pass
11ax (HE20) (SU)	CH157	14.16	26.06	1000	Pass
11ax (HE20) (SU)	CH165	14.33	27.10	1000	Pass
11ax (HE40) (SU)	CH151	14.25	26.61	1000	Pass
11ax (HE40) (SU)	CH159	14.17	26.12	1000	Pass
11ax (HE80) (SU)	CH155	14.19	26.24	1000	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH149	26	8.97	7.89	1000	Pass
		52	8.59	7.23	1000	Pass
		106	9.27	8.45	1000	Pass
	CH157	26	8.27	6.71	1000	Pass
		52	8.89	7.74	1000	Pass
		106	8.35	6.84	1000	Pass
	CH165	26	9.08	8.09	1000	Pass
		52	8.73	7.46	1000	Pass
		106	9.43	8.77	1000	Pass
11ax (HE40) (RU)	CH151	26	8.76	7.52	1000	Pass
		52	9.26	8.43	1000	Pass
		106	8.56	7.18	1000	Pass
		242	10.36	10.86	1000	Pass
	CH159	26	8.52	7.11	1000	Pass
		52	9.02	7.98	1000	Pass
		106	8.88	7.73	1000	Pass
		242	9.44	8.79	1000	Pass
11ax (HE80) (RU)	CH155	26	8.55	7.16	1000	Pass
		52	8.95	7.85	1000	Pass
		106	8.67	7.36	1000	Pass
		242	8.96	7.87	1000	Pass
		484	8.48	7.05	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.16	26.06	889.20	Pass
11a	CH44	13.88	24.43	889.20	Pass
11a	CH48	13.95	24.83	889.20	Pass
11n (HT20)	CH36	14.09	25.64	1000	Pass
11n (HT20)	CH44	13.77	23.82	1000	Pass
11n (HT20)	CH48	13.91	24.60	1000	Pass
11n (HT40)	CH38	14.09	25.64	1000	Pass
11n (HT40)	CH46	14.05	25.41	1000	Pass
11ac (VHT20)	CH36	14.13	25.88	1000	Pass
11ac (VHT20)	CH44	13.93	24.72	1000	Pass
11ac (VHT20)	CH48	13.88	24.43	1000	Pass
11ac (VHT40)	CH38	13.95	24.83	1000	Pass
11ac (VHT40)	CH46	14.28	26.79	1000	Pass
11ac (VHT80)	CH42	14.21	26.36	1000	Pass
11ac (VHT160)	CH50	9.16	8.24	1000	Pass
11ax (HE20) (SU)	CH36	14.21	26.36	1000	Pass
11ax (HE20) (SU)	CH44	14.00	25.12	1000	Pass
11ax (HE20) (SU)	CH48	14.13	25.88	1000	Pass
11ax (HE40) (SU)	CH38	14.03	25.29	1000	Pass
11ax (HE40) (SU)	CH46	13.76	23.77	1000	Pass
11ax (HE80) (SU)	CH42	14.08	25.59	1000	Pass
11ax (HE160) (SU)	CH50	13.99	25.06	1000	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	6.42	4.39	1000	Pass
		52	5.77	3.78	1000	Pass
		106	6.40	4.37	1000	Pass
	CH44	26	5.66	3.68	1000	Pass
		52	6.61	4.58	1000	Pass
		106	5.74	3.75	1000	Pass
	CH48	26	6.13	4.10	1000	Pass
		52	5.50	3.55	1000	Pass
		106	6.11	4.08	1000	Pass
11ax (HE40) (RU)	CH38	26	5.28	3.37	1000	Pass
		52	6.12	4.09	1000	Pass
		106	5.19	3.30	1000	Pass
		242	5.96	3.94	1000	Pass
	CH46	26	5.91	3.90	1000	Pass
		52	6.81	4.80	1000	Pass
		106	5.83	3.83	1000	Pass
		242	6.80	4.79	1000	Pass
11ax (HE80) (RU)	CH42	26	5.54	3.58	1000	Pass
		52	6.38	4.35	1000	Pass
		106	5.68	3.70	1000	Pass
		242	6.30	4.27	1000	Pass
		484	5.83	3.83	1000	Pass
11ax (HE160) (RU)	CH50	26	6.99	5.00	1000	Pass
		52	6.11	4.08	1000	Pass
		106	6.91	4.91	1000	Pass
		242	5.75	3.76	1000	Pass
		484	6.97	4.98	1000	Pass
		996	6.27	4.24	1000	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.06	25.47	222.33	Pass
11a	CH60	13.74	23.66	222.33	Pass
11a	CH64	14.21	26.36	222.33	Pass
11n (HT20)	CH52	13.98	25.00	250	Pass
11n (HT20)	CH60	14.18	26.18	250	Pass
11n (HT20)	CH64	14.07	25.53	250	Pass
11n (HT40)	CH54	14.27	26.73	250	Pass
11n (HT40)	CH62	14.15	26.00	250	Pass
11ac (VHT20)	CH52	13.69	23.39	250	Pass
11ac (VHT20)	CH60	14.08	25.59	250	Pass
11ac (VHT20)	CH64	14.14	25.94	250	Pass
11ac (VHT40)	CH54	13.86	24.32	250	Pass
11ac (VHT40)	CH62	14.14	25.94	250	Pass
11ac (VHT80)	CH58	10.46	11.12	250	Pass
11ax (HE20) (SU)	CH52	14.08	25.59	250	Pass
11ax (HE20) (SU)	CH60	14.15	26.00	250	Pass
11ax (HE20) (SU)	CH64	14.24	26.55	250	Pass
11ax (HE40) (SU)	CH54	14.15	26.00	250	Pass
11ax (HE40) (SU)	CH62	13.94	24.77	250	Pass
11ax (HE80) (SU)	CH58	11.57	14.35	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	5.87	3.86	250	Pass
		52	5.75	3.76	250	Pass
		106	6.92	4.92	250	Pass
	CH60	26	5.38	3.45	250	Pass
		52	6.31	4.28	250	Pass
		106	5.87	3.86	250	Pass
	CH64	26	5.27	3.37	250	Pass
		52	5.60	3.63	250	Pass
		106	6.68	4.66	250	Pass
11ax (HE40) (RU)	CH54	26	5.18	3.30	250	Pass
		52	6.57	4.54	250	Pass
		106	6.15	4.12	250	Pass
		242	6.54	4.51	250	Pass
	CH62	26	4.91	3.10	250	Pass
		52	6.82	4.81	250	Pass
		106	5.80	3.80	250	Pass
		242	6.96	4.97	250	Pass
11ax (HE80) (RU)	CH58	26	5.78	3.78	250	Pass
		52	6.52	4.49	250	Pass
		106	5.32	3.40	250	Pass
		242	6.92	4.92	250	Pass
		484	5.91	3.90	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.89	24.49	222.33	Pass
11a	CH116	13.94	24.77	222.33	Pass
11a	CH140	14.26	26.67	222.33	Pass
11n (HT20)	CH100	13.84	24.21	250	Pass
11n (HT20)	CH116	14.18	26.18	250	Pass
11n (HT20)	CH140	14.20	26.30	250	Pass
11n (HT40)	CH102	14.00	25.12	250	Pass
11n (HT40)	CH118	14.12	25.82	250	Pass
11n (HT40)	CH134	14.21	26.36	250	Pass
11ac (VHT20)	CH100	13.86	24.32	250	Pass
11ac (VHT20)	CH116	14.24	26.55	250	Pass
11ac (VHT20)	CH140	13.97	24.95	250	Pass
11ac (VHT40)	CH102	13.97	24.95	250	Pass
11ac (VHT40)	CH118	14.10	25.70	250	Pass
11ac (VHT40)	CH134	14.25	26.61	250	Pass
11ac (VHT80)	CH106	14.05	25.41	250	Pass
11ac (VHT80)	CH122	13.81	24.04	250	Pass
11ac (VHT160)	CH114	11.07	12.79	250	Pass
11ax (HE20) (SU)	CH100	14.07	25.53	250	Pass
11ax (HE20) (SU)	CH116	13.87	24.38	250	Pass
11ax (HE20) (SU)	CH140	13.93	24.72	250	Pass
11ax (HE40) (SU)	CH102	13.71	23.50	250	Pass
11ax (HE40) (SU)	CH118	14.05	25.41	250	Pass
11ax (HE40) (SU)	CH134	13.74	23.66	250	Pass
11ax (HE80) (SU)	CH106	14.22	26.42	250	Pass
11ax (HE80) (SU)	CH122	14.06	25.47	250	Pass
11ax (HE160) (SU)	CH114	11.54	14.26	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	5.76	3.77	250	Pass
		52	5.09	3.23	250	Pass
		106	5.64	3.66	250	Pass
	CH116	26	4.86	3.06	250	Pass
		52	5.80	3.80	250	Pass
		106	4.88	3.08	250	Pass
	CH140	26	6.09	4.06	250	Pass
		52	5.38	3.45	250	Pass
		106	5.96	3.94	250	Pass
11ax (HE40) (RU)	CH102	26	5.42	3.48	250	Pass
		52	6.28	4.25	250	Pass
		106	5.29	3.38	250	Pass
		242	6.52	4.49	250	Pass
	CH118	26	5.00	3.16	250	Pass
		52	5.88	3.87	250	Pass
		106	4.93	3.11	250	Pass
		242	5.78	3.78	250	Pass
	CH134	26	5.16	3.28	250	Pass
		52	5.99	3.97	250	Pass
		106	4.98	3.15	250	Pass
		242	6.16	4.13	250	Pass
11ax (HE80) (RU)	CH106	26	5.46	3.52	250	Pass
		52	6.21	4.18	250	Pass
		106	5.52	3.56	250	Pass
		242	6.74	4.72	250	Pass
		484	5.68	3.70	250	Pass
	CH122	26	6.02	4.00	250	Pass
		52	5.23	3.33	250	Pass
		106	6.13	4.10	250	Pass
		242	5.21	3.32	250	Pass
		484	5.88	3.87	250	Pass
11ax (HE160) (RU)	CH114	26	5.21	3.32	250	Pass
		52	5.99	3.97	250	Pass
		106	5.23	3.33	250	Pass
		242	6.11	4.08	250	Pass
		484	5.21	3.32	250	Pass
		996	5.97	3.95	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.99	25.06	889.20	Pass
11a	CH157	13.79	23.93	889.20	Pass
11a	CH165	13.82	24.10	889.20	Pass
11n (HT20)	CH149	14.04	25.35	1000	Pass
11n (HT20)	CH157	13.83	24.15	1000	Pass
11n (HT20)	CH165	14.03	25.29	1000	Pass
11n (HT40)	CH151	14.07	25.53	1000	Pass
11n (HT40)	CH159	14.15	26.00	1000	Pass
11ac (VHT20)	CH149	14.00	25.12	1000	Pass
11ac (VHT20)	CH157	13.86	24.32	1000	Pass
11ac (VHT20)	CH165	14.00	25.12	1000	Pass
11ac (VHT40)	CH151	14.05	25.41	1000	Pass
11ac (VHT40)	CH159	14.07	25.53	1000	Pass
11ac (VHT80)	CH155	13.75	23.71	1000	Pass
11ax (HE20) (SU)	CH149	14.22	26.42	1000	Pass
11ax (HE20) (SU)	CH157	13.96	24.89	1000	Pass
11ax (HE20) (SU)	CH165	14.10	25.70	1000	Pass
11ax (HE40) (SU)	CH151	13.90	24.55	1000	Pass
11ax (HE40) (SU)	CH159	13.94	24.77	1000	Pass
11ax (HE80) (SU)	CH155	13.99	25.06	1000	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH149	26	8.13	6.50	1000	Pass
		52	8.97	7.89	1000	Pass
		106	8.43	6.97	1000	Pass
	CH157	26	8.65	7.33	1000	Pass
		52	8.05	6.38	1000	Pass
		106	8.73	7.46	1000	Pass
	CH165	26	8.24	6.67	1000	Pass
		52	9.11	8.15	1000	Pass
		106	8.59	7.23	1000	Pass
11ax (HE40) (RU)	CH151	26	9.14	8.20	1000	Pass
		52	8.42	6.95	1000	Pass
		106	8.94	7.83	1000	Pass
		242	9.52	8.95	1000	Pass
	CH159	26	8.90	7.76	1000	Pass
		52	8.18	6.58	1000	Pass
		106	9.26	8.43	1000	Pass
		242	8.60	7.24	1000	Pass
11ax (HE80) (RU)	CH155	26	8.93	7.82	1000	Pass
		52	8.11	6.47	1000	Pass
		106	9.05	8.04	1000	Pass
		242	8.12	6.49	1000	Pass
		484	8.86	7.69	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.27	53.35	889.20	Pass
11a	CH44	17.08	51.04	889.20	Pass
11a	CH48	17.06	50.83	889.20	Pass
11n (HT20)	CH36	17.22	52.68	1000	Pass
11n (HT20)	CH44	16.98	49.94	1000	Pass
11n (HT20)	CH48	17.04	50.55	1000	Pass
11n (HT40)	CH38	17.24	52.93	1000	Pass
11n (HT40)	CH46	17.25	53.08	1000	Pass
11ac (VHT20)	CH36	17.29	53.62	1000	Pass
11ac (VHT20)	CH44	17.11	51.39	1000	Pass
11ac (VHT20)	CH48	17.03	50.50	1000	Pass
11ac (VHT40)	CH38	17.22	52.69	1000	Pass
11ac (VHT40)	CH46	17.46	55.77	1000	Pass
11ac (VHT80)	CH42	17.38	54.68	1000	Pass
11ac (VHT160)	CH50	12.31	17.03	1000	Pass
11ax (HE20) (SU)	CH36	17.31	53.78	1000	Pass
11ax (HE20) (SU)	CH44	17.23	52.79	1000	Pass
11ax (HE20) (SU)	CH48	17.30	53.68	1000	Pass
11ax (HE40) (SU)	CH38	17.18	52.27	1000	Pass
11ax (HE40) (SU)	CH46	17.15	51.89	1000	Pass
11ax (HE80) (SU)	CH42	17.23	52.88	1000	Pass
11ax (HE160) (SU)	CH50	17.16	51.98	1000	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	9.24	8.40	1000	Pass
		52	9.22	8.36	1000	Pass
		106	9.22	8.36	1000	Pass
	CH44	26	9.11	8.15	1000	Pass
		52	9.43	8.78	1000	Pass
		106	9.19	8.30	1000	Pass
	CH48	26	8.95	7.86	1000	Pass
		52	8.95	7.85	1000	Pass
		106	8.93	7.82	1000	Pass
11ax (HE40) (RU)	CH38	26	8.73	7.47	1000	Pass
		52	8.94	7.84	1000	Pass
		106	8.64	7.31	1000	Pass
		242	8.78	7.56	1000	Pass
	CH46	26	9.36	8.63	1000	Pass
		52	9.63	9.19	1000	Pass
		106	9.28	8.47	1000	Pass
		242	9.62	9.17	1000	Pass
11ax (HE80) (RU)	CH42	26	8.99	7.93	1000	Pass
		52	9.20	8.33	1000	Pass
		106	9.13	8.19	1000	Pass
		242	9.12	8.17	1000	Pass
		484	9.28	8.47	1000	Pass
11ax (HE160) (RU)	CH50	26	9.81	9.58	1000	Pass
		52	9.56	9.04	1000	Pass
		106	9.73	9.41	1000	Pass
		242	9.20	8.32	1000	Pass
		484	9.79	9.54	1000	Pass
		996	9.72	9.38	1000	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.21	52.63	222.33	Pass
11a	CH60	17.12	51.52	222.33	Pass
11a	CH64	17.36	54.42	222.33	Pass
11n (HT20)	CH52	17.15	51.86	250	Pass
11n (HT20)	CH60	17.33	54.11	250	Pass
11n (HT20)	CH64	17.24	52.94	250	Pass
11n (HT40)	CH54	17.42	55.24	250	Pass
11n (HT40)	CH62	17.32	53.93	250	Pass
11ac (VHT20)	CH52	17.03	50.43	250	Pass
11ac (VHT20)	CH60	17.33	54.03	250	Pass
11ac (VHT20)	CH64	17.30	53.74	250	Pass
11ac (VHT40)	CH54	16.99	49.97	250	Pass
11ac (VHT40)	CH62	17.25	53.11	250	Pass
11ac (VHT80)	CH58	13.59	22.84	250	Pass
11ax (HE20) (SU)	CH52	17.19	52.38	250	Pass
11ax (HE20) (SU)	CH60	17.30	53.67	250	Pass
11ax (HE20) (SU)	CH64	17.35	54.34	250	Pass
11ax (HE40) (SU)	CH54	17.28	53.42	250	Pass
11ax (HE40) (SU)	CH62	17.08	51.02	250	Pass
11ax (HE80) (SU)	CH58	14.70	29.49	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	8.69	7.40	250	Pass
		52	9.20	8.32	250	Pass
		106	9.74	9.43	250	Pass
	CH60	26	8.83	7.64	250	Pass
		52	9.13	8.19	250	Pass
		106	9.32	8.55	250	Pass
	CH64	26	8.09	6.45	250	Pass
		52	9.05	8.04	250	Pass
		106	9.50	8.92	250	Pass
11ax (HE40) (RU)	CH54	26	8.63	7.30	250	Pass
		52	9.39	8.70	250	Pass
		106	9.60	9.12	250	Pass
		242	9.36	8.64	250	Pass
	CH62	26	8.36	6.86	250	Pass
		52	9.64	9.21	250	Pass
		106	9.25	8.42	250	Pass
		242	9.78	9.52	250	Pass
11ax (HE80) (RU)	CH58	26	9.23	8.38	250	Pass
		52	9.34	8.60	250	Pass
		106	8.77	7.53	250	Pass
		242	9.74	9.43	250	Pass
		484	9.36	8.63	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.00	50.14	222.33	Pass
11a	CH116	17.21	52.64	222.33	Pass
11a	CH140	17.54	56.73	222.33	Pass
11n (HT20)	CH100	16.97	49.74	250	Pass
11n (HT20)	CH116	17.29	53.60	250	Pass
11n (HT20)	CH140	17.33	54.04	250	Pass
11n (HT40)	CH102	17.11	51.42	250	Pass
11n (HT40)	CH118	17.25	53.05	250	Pass
11n (HT40)	CH134	17.37	54.55	250	Pass
11ac (VHT20)	CH100	17.03	50.50	250	Pass
11ac (VHT20)	CH116	17.40	54.93	250	Pass
11ac (VHT20)	CH140	17.28	53.46	250	Pass
11ac (VHT40)	CH102	17.13	51.61	250	Pass
11ac (VHT40)	CH118	17.27	53.37	250	Pass
11ac (VHT40)	CH134	17.31	53.83	250	Pass
11ac (VHT80)	CH106	17.22	52.76	250	Pass
11ac (VHT80)	CH122	16.97	49.75	250	Pass
11ac (VHT160)	CH114	14.14	25.92	250	Pass
11ax (HE20) (SU)	CH100	17.23	52.82	250	Pass
11ax (HE20) (SU)	CH116	17.04	50.62	250	Pass
11ax (HE20) (SU)	CH140	17.09	51.14	250	Pass
11ax (HE40) (SU)	CH102	16.88	48.79	250	Pass
11ax (HE40) (SU)	CH118	17.21	52.57	250	Pass
11ax (HE40) (SU)	CH134	17.03	50.51	250	Pass
11ax (HE80) (SU)	CH106	17.38	54.67	250	Pass
11ax (HE80) (SU)	CH122	17.23	52.88	250	Pass
11ax (HE160) (SU)	CH114	14.70	29.50	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	8.58	7.22	250	Pass
		52	8.54	7.15	250	Pass
		106	8.46	7.02	250	Pass
	CH116	26	8.31	6.78	250	Pass
		52	8.62	7.29	250	Pass
		106	8.33	6.81	250	Pass
	CH140	26	8.91	7.79	250	Pass
		52	8.83	7.64	250	Pass
		106	8.78	7.56	250	Pass
11ax (HE40) (RU)	CH102	26	8.87	7.71	250	Pass
		52	9.10	8.14	250	Pass
		106	8.74	7.48	250	Pass
		242	9.34	8.60	250	Pass
	CH118	26	8.45	7.00	250	Pass
		52	8.70	7.42	250	Pass
		106	8.38	6.89	250	Pass
		242	8.60	7.25	250	Pass
	CH134	26	8.61	7.26	250	Pass
		52	8.81	7.61	250	Pass
		106	8.43	6.97	250	Pass
		242	8.98	7.91	250	Pass
11ax (HE80) (RU)	CH106	26	8.91	7.78	250	Pass
		52	9.03	8.01	250	Pass
		106	8.97	7.89	250	Pass
		242	9.56	9.05	250	Pass
		484	9.13	8.19	250	Pass
	CH122	26	8.84	7.66	250	Pass
		52	8.68	7.38	250	Pass
		106	8.95	7.86	250	Pass
		242	8.66	7.35	250	Pass
		484	8.70	7.42	250	Pass
11ax (HE160) (RU)	CH114	26	8.66	7.35	250	Pass
		52	8.81	7.61	250	Pass
		106	8.68	7.38	250	Pass
		242	8.93	7.82	250	Pass
		484	8.66	7.35	250	Pass
		996	8.79	7.58	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.08	51.00	889.20	Pass
11a	CH157	16.95	49.52	889.20	Pass
11a	CH165	16.99	50.04	889.20	Pass
11n (HT20)	CH149	17.20	52.45	1000	Pass
11n (HT20)	CH157	17.00	50.16	1000	Pass
11n (HT20)	CH165	17.19	52.33	1000	Pass
11n (HT40)	CH151	17.24	53.01	1000	Pass
11n (HT40)	CH159	17.26	53.23	1000	Pass
11ac (VHT20)	CH149	17.13	51.60	1000	Pass
11ac (VHT20)	CH157	16.97	49.79	1000	Pass
11ac (VHT20)	CH165	17.30	53.69	1000	Pass
11ac (VHT40)	CH151	17.16	52.02	1000	Pass
11ac (VHT40)	CH159	17.20	52.44	1000	Pass
11ac (VHT80)	CH155	16.86	48.55	1000	Pass
11ax (HE20) (SU)	CH149	17.35	54.29	1000	Pass
11ax (HE20) (SU)	CH157	17.07	50.95	1000	Pass
11ax (HE20) (SU)	CH165	17.23	52.81	1000	Pass
11ax (HE40) (SU)	CH151	17.09	51.15	1000	Pass
11ax (HE40) (SU)	CH159	17.07	50.90	1000	Pass
11ax (HE80) (SU)	CH155	17.10	51.30	1000	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	RU Config	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11ax (HE20) (RU)	CH149	26	11.58	14.39	1000	Pass
		52	11.79	15.12	1000	Pass
		106	11.88	15.42	1000	Pass
	CH157	26	11.47	14.04	1000	Pass
		52	11.50	14.13	1000	Pass
		106	11.55	14.30	1000	Pass
	CH165	26	11.69	14.76	1000	Pass
		52	11.93	15.61	1000	Pass
		106	12.04	16.00	1000	Pass
11ax (HE40) (RU)	CH151	26	11.96	15.72	1000	Pass
		52	11.87	15.38	1000	Pass
		106	11.76	15.01	1000	Pass
		242	12.97	19.82	1000	Pass
	CH159	26	11.72	14.87	1000	Pass
		52	11.63	14.56	1000	Pass
		106	12.08	16.16	1000	Pass
		242	12.05	16.03	1000	Pass
11ax (HE80) (RU)	CH155	26	11.75	14.98	1000	Pass
		52	11.56	14.32	1000	Pass
		106	11.87	15.40	1000	Pass
		242	11.57	14.36	1000	Pass
		484	11.68	14.74	1000	Pass

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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	21.46	139.96	168	Pass
11a	CH44	21.21	132.13	166	Pass
11a	CH48	21.25	133.35	166	Pass
11n (HT20)	CH36	21.42	138.68	180	Pass
11n (HT20)	CH44	21.27	133.97	177	Pass
11n (HT20)	CH48	21.24	133.05	177	Pass
11n (HT40)	CH38	21.39	137.72	200	Pass
11n (HT40)	CH46	21.52	141.91	200	Pass
11ac (VHT20)	CH36	21.43	139.00	180	Pass
11ac (VHT20)	CH44	21.26	133.66	177	Pass
11ac (VHT20)	CH48	21.16	130.62	178	Pass
11ac (VHT40)	CH38	21.45	139.64	200	Pass
11ac (VHT40)	CH46	21.56	143.22	200	Pass
11ac (VHT80)	CH42	21.52	141.91	200	Pass
11ac (VHT160)	CH50	16.44	44.06	200	Pass
11ax (HE20) (SU)	CH36	21.52	141.91	192	Pass
11ax (HE20) (SU)	CH44	21.42	138.68	190	Pass
11ax (HE20) (SU)	CH48	21.44	139.32	189	Pass
11ax (HE40) (SU)	CH38	21.31	135.21	200	Pass
11ax (HE40) (SU)	CH46	21.49	140.93	200	Pass
11ax (HE80) (SU)	CH42	21.36	136.77	200	Pass
11ax (HE160) (SU)	CH50	21.30	134.90	200	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	13.13	20.56	192	Pass
		52	13.26	21.18	192	Pass
		106	13.11	20.46	192	Pass
	CH44	26	13.15	20.65	190	Pass
		52	13.32	21.48	190	Pass
		106	13.23	21.04	190	Pass
	CH48	26	12.84	19.23	189	Pass
		52	12.99	19.91	189	Pass
		106	12.82	19.14	189	Pass
11ax (HE40) (RU)	CH38	26	12.77	18.92	200	Pass
		52	12.83	19.19	200	Pass
		106	12.68	18.54	200	Pass
		242	12.67	18.49	200	Pass
	CH46	26	13.40	21.88	200	Pass
		52	13.52	22.49	200	Pass
		106	13.32	21.48	200	Pass
		242	13.51	22.44	200	Pass
11ax (HE80) (RU)	CH42	26	13.03	20.09	200	Pass
		52	13.09	20.37	200	Pass
		106	13.17	20.75	200	Pass
		242	13.01	20.00	200	Pass
		484	13.32	21.48	200	Pass
11ax (HE160) (RU)	CH50	26	13.70	23.44	200	Pass
		52	13.60	22.91	200	Pass
		106	13.62	23.01	200	Pass
		242	13.24	21.09	200	Pass
		484	13.68	23.33	200	Pass
		996	13.76	23.77	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	21.34	136.14	830	Pass
11a	CH60	21.45	139.64	848	Pass
11a	CH64	21.49	140.93	844	Pass
11n (HT20)	CH52	21.29	134.59	889	Pass
11n (HT20)	CH60	21.46	139.96	903	Pass
11n (HT20)	CH64	21.38	137.40	902	Pass
11n (HT40)	CH54	21.55	142.89	1000	Pass
11n (HT40)	CH62	21.46	139.96	1000	Pass
11ac (VHT20)	CH52	21.32	135.52	888	Pass
11ac (VHT20)	CH60	21.41	138.36	902	Pass
11ac (VHT20)	CH64	21.44	139.32	901	Pass
11ac (VHT40)	CH54	21.19	131.52	1000	Pass
11ac (VHT40)	CH62	21.44	139.32	1000	Pass
11ac (VHT80)	CH58	17.79	60.12	1000	Pass
11ax (HE20) (SU)	CH52	21.38	137.40	954	Pass
11ax (HE20) (SU)	CH60	21.52	141.91	960	Pass
11ax (HE20) (SU)	CH64	21.54	142.56	956	Pass
11ax (HE40) (SU)	CH54	21.48	140.60	1000	Pass
11ax (HE40) (SU)	CH62	21.29	134.59	1000	Pass
11ax (HE80) (SU)	CH58	18.90	77.62	1000	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	12.58	18.11	954	Pass
		52	13.24	21.09	1000	Pass
		106	13.63	23.07	1000	Pass
	CH60	26	12.87	19.36	960	Pass
		52	13.02	20.04	1000	Pass
		106	13.36	21.68	1000	Pass
	CH64	26	11.98	15.78	956	Pass
		52	13.09	20.37	1000	Pass
		106	13.39	21.83	1000	Pass
11ax (HE40) (RU)	CH54	26	12.67	18.49	1000	Pass
		52	13.28	21.28	958	Pass
		106	13.64	23.12	958	Pass
		242	13.25	21.13	958	Pass
	CH62	26	12.40	17.38	1000	Pass
		52	13.53	22.54	952	Pass
		106	13.29	21.33	952	Pass
		242	13.67	23.28	952	Pass
11ax (HE80) (RU)	CH58	26	13.27	21.23	1000	Pass
		52	13.23	21.04	958	Pass
		106	12.81	19.10	958	Pass
		242	13.63	23.07	958	Pass
		484	13.40	21.88	958	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	21.19	131.52	846	Pass
11a	CH116	21.55	142.89	829	Pass
11a	CH140	21.56	143.22	841	Pass
11n (HT20)	CH100	21.17	130.92	901	Pass
11n (HT20)	CH116	21.48	140.60	887	Pass
11n (HT20)	CH140	21.53	142.23	899	Pass
11n (HT40)	CH102	21.30	134.90	1000	Pass
11n (HT40)	CH118	21.45	139.64	1000	Pass
11n (HT40)	CH134	21.51	141.58	1000	Pass
11ac (VHT20)	CH100	21.19	131.52	900	Pass
11ac (VHT20)	CH116	21.54	142.56	888	Pass
11ac (VHT20)	CH140	21.56	143.22	897	Pass
11ac (VHT40)	CH102	21.27	133.97	1000	Pass
11ac (VHT40)	CH118	21.43	139.00	1000	Pass
11ac (VHT40)	CH134	21.55	142.89	1000	Pass
11ac (VHT80)	CH106	21.38	137.40	1000	Pass
11ac (VHT80)	CH122	21.11	129.12	1000	Pass
11ac (VHT160)	CH114	18.19	65.92	1000	Pass
11ax (HE20) (SU)	CH100	21.37	137.09	958	Pass
11ax (HE20) (SU)	CH116	21.20	131.83	952	Pass
11ax (HE20) (SU)	CH140	21.23	132.74	958	Pass
11ax (HE40) (SU)	CH102	21.04	127.06	1000	Pass
11ax (HE40) (SU)	CH118	21.35	136.46	1000	Pass
11ax (HE40) (SU)	CH134	21.30	134.90	1000	Pass
11ax (HE80) (SU)	CH106	21.52	141.91	1000	Pass
11ax (HE80) (SU)	CH122	21.39	137.72	1000	Pass
11ax (HE160) (SU)	CH114	18.84	76.56	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	12.47	17.66	958	Pass
		52	12.58	18.11	958	Pass
		106	12.35	17.18	958	Pass
	CH116	26	12.35	17.18	952	Pass
		52	12.51	17.82	952	Pass
		106	12.37	17.26	952	Pass
	CH140	26	12.80	19.05	958	Pass
		52	12.87	19.36	958	Pass
		106	12.67	18.49	958	Pass
11ax (HE40) (RU)	CH102	26	12.91	19.54	1000	Pass
		52	12.99	19.91	1000	Pass
		106	12.78	18.97	1000	Pass
		242	13.23	21.04	1000	Pass
	CH118	26	12.49	17.74	1000	Pass
		52	12.59	18.16	1000	Pass
		106	12.42	17.46	1000	Pass
		242	12.49	17.74	1000	Pass
	CH134	26	12.65	18.41	1000	Pass
		52	12.70	18.62	1000	Pass
		106	12.47	17.66	1000	Pass
		242	12.87	19.36	1000	Pass
11ax (HE80) (RU)	CH106	26	12.95	19.72	1000	Pass
		52	12.92	19.59	1000	Pass
		106	13.01	20.00	1000	Pass
		242	13.45	22.13	1000	Pass
		484	13.17	20.75	1000	Pass
	CH122	26	12.73	18.75	1000	Pass
		52	12.72	18.71	1000	Pass
		106	12.84	19.23	1000	Pass
		242	12.70	18.62	1000	Pass
		484	12.59	18.16	1000	Pass
11ax (HE160) (RU)	CH114	26	12.70	18.62	1000	Pass
		52	12.70	18.62	1000	Pass
		106	12.72	18.71	1000	Pass
		242	12.82	19.14	1000	Pass
		484	12.70	18.62	1000	Pass
		996	12.68	18.54	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	21.32	135.52	Pass
11a	CH157	21.09	128.53	Pass
11a	CH165	21.15	130.32	Pass
11n (HT20)	CH149	21.34	136.14	Pass
11n (HT20)	CH157	21.16	130.62	Pass
11n (HT20)	CH165	21.33	135.83	Pass
11n (HT40)	CH151	21.40	138.04	Pass
11n (HT40)	CH159	21.45	139.64	Pass
11ac (VHT20)	CH149	21.33	135.83	Pass
11ac (VHT20)	CH157	21.16	130.62	Pass
11ac (VHT20)	CH165	21.33	135.83	Pass
11ac (VHT40)	CH151	21.35	136.46	Pass
11ac (VHT40)	CH159	21.40	138.04	Pass
11ac (VHT80)	CH155	21.05	127.35	Pass
11ax (HE20) (SU)	CH149	21.55	142.89	Pass
11ax (HE20) (SU)	CH157	21.26	133.66	Pass
11ax (HE20) (SU)	CH165	21.43	139.00	Pass
11ax (HE40) (SU)	CH151	21.20	131.83	Pass
11ax (HE40) (SU)	CH159	21.27	133.97	Pass
11ax (HE80) (SU)	CH155	21.29	134.59	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11ax (HE20) (RU)	CH149	26	15.62	36.48	Pass
		52	15.68	36.98	Pass
		106	15.92	39.08	Pass
	CH157	26	15.36	34.36	Pass
		52	15.54	35.81	Pass
		106	15.44	34.99	Pass
	CH165	26	15.73	37.41	Pass
		52	15.82	38.19	Pass
		106	16.08	40.55	Pass
11ax (HE40) (RU)	CH151	26	15.85	38.46	Pass
		52	15.91	38.99	Pass
		106	15.65	36.73	Pass
		242	17.01	50.23	Pass
	CH159	26	15.61	36.39	Pass
		52	15.67	36.90	Pass
		106	15.97	39.54	Pass
		242	16.09	40.64	Pass
11ax (HE80) (RU)	CH155	26	15.64	36.64	Pass
		52	15.60	36.31	Pass
		106	15.76	37.67	Pass
		242	15.61	36.39	Pass
		484	15.57	36.06	Pass

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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	21.06	127.64	168	Pass
11a	CH44	20.81	120.50	166	Pass
11a	CH48	20.85	121.62	166	Pass
11n (HT20)	CH36	21.02	126.47	180	Pass
11n (HT20)	CH44	20.67	116.68	177	Pass
11n (HT20)	CH48	20.84	121.34	177	Pass
11n (HT40)	CH38	20.99	125.60	200	Pass
11n (HT40)	CH46	20.98	125.31	200	Pass
11ac (VHT20)	CH36	21.03	126.77	180	Pass
11ac (VHT20)	CH44	20.86	121.90	177	Pass
11ac (VHT20)	CH48	20.78	119.67	178	Pass
11ac (VHT40)	CH38	20.88	122.46	200	Pass
11ac (VHT40)	CH46	21.18	131.22	200	Pass
11ac (VHT80)	CH42	21.14	130.02	200	Pass
11ac (VHT160)	CH50	16.06	40.36	200	Pass
11ax (HE20) (SU)	CH36	21.14	130.02	192	Pass
11ax (HE20) (SU)	CH44	20.90	123.03	190	Pass
11ax (HE20) (SU)	CH48	21.06	127.64	189	Pass
11ax (HE40) (SU)	CH38	20.93	123.88	200	Pass
11ax (HE40) (SU)	CH46	20.69	117.22	200	Pass
11ax (HE80) (SU)	CH42	20.98	125.31	200	Pass
11ax (HE160) (SU)	CH50	20.92	123.59	200	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	12.87	19.36	192	Pass
		52	12.63	18.32	192	Pass
		106	12.85	19.28	192	Pass
	CH44	26	12.52	17.86	190	Pass
		52	13.06	20.23	190	Pass
		106	12.60	18.20	190	Pass
	CH48	26	12.58	18.11	189	Pass
		52	12.36	17.22	189	Pass
		106	12.56	18.03	189	Pass
11ax (HE40) (RU)	CH38	26	12.14	16.37	200	Pass
		52	12.57	18.07	200	Pass
		106	12.05	16.03	200	Pass
		242	12.41	17.42	200	Pass
	CH46	26	12.77	18.92	200	Pass
		52	13.26	21.18	200	Pass
		106	12.69	18.58	200	Pass
		242	13.25	21.13	200	Pass
11ax (HE80) (RU)	CH42	26	12.40	17.38	200	Pass
		52	12.83	19.19	200	Pass
		106	12.54	17.95	200	Pass
		242	12.75	18.84	200	Pass
		484	12.69	18.58	200	Pass
11ax (HE160) (RU)	CH50	26	13.44	22.08	200	Pass
		52	12.97	19.82	200	Pass
		106	13.36	21.68	200	Pass
		242	12.61	18.24	200	Pass
		484	13.42	21.98	200	Pass
		996	13.13	20.56	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	20.96	124.74	830	Pass
11a	CH60	20.67	116.68	848	Pass
11a	CH64	21.11	129.12	844	Pass
11n (HT20)	CH52	20.91	123.31	889	Pass
11n (HT20)	CH60	21.08	128.23	903	Pass
11n (HT20)	CH64	21.00	125.89	902	Pass
11n (HT40)	CH54	21.17	130.92	1000	Pass
11n (HT40)	CH62	21.08	128.23	1000	Pass
11ac (VHT20)	CH52	20.59	114.55	888	Pass
11ac (VHT20)	CH60	21.01	126.18	902	Pass
11ac (VHT20)	CH64	21.04	127.06	901	Pass
11ac (VHT40)	CH54	20.79	119.95	1000	Pass
11ac (VHT40)	CH62	21.04	127.06	1000	Pass
11ac (VHT80)	CH58	17.39	54.83	1000	Pass
11ax (HE20) (SU)	CH52	20.98	125.31	954	Pass
11ax (HE20) (SU)	CH60	21.08	128.23	960	Pass
11ax (HE20) (SU)	CH64	21.14	130.02	956	Pass
11ax (HE40) (SU)	CH54	21.08	128.23	1000	Pass
11ax (HE40) (SU)	CH62	20.84	121.34	1000	Pass
11ax (HE80) (SU)	CH58	18.50	70.79	1000	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	12.32	17.06	954	Pass
		52	12.61	18.24	1000	Pass
		106	13.37	21.73	1000	Pass
	CH60	26	12.24	16.75	960	Pass
		52	12.76	18.88	1000	Pass
		106	12.73	18.75	1000	Pass
	CH64	26	11.72	14.86	956	Pass
		52	12.46	17.62	1000	Pass
		106	13.13	20.56	1000	Pass
11ax (HE40) (RU)	CH54	26	12.04	16.00	1000	Pass
		52	13.02	20.04	958	Pass
		106	13.01	20.00	958	Pass
		242	12.99	19.91	958	Pass
	CH62	26	11.77	15.03	1000	Pass
		52	13.27	21.23	952	Pass
		106	12.66	18.45	952	Pass
		242	13.41	21.93	952	Pass
11ax (HE80) (RU)	CH58	26	12.64	18.37	1000	Pass
		52	12.97	19.82	958	Pass
		106	12.18	16.52	958	Pass
		242	13.37	21.73	958	Pass
		484	12.77	18.92	958	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	20.79	119.95	846	Pass
11a	CH116	20.87	122.18	829	Pass
11a	CH140	21.16	130.62	841	Pass
11n (HT20)	CH100	20.77	119.40	901	Pass
11n (HT20)	CH116	21.08	128.23	887	Pass
11n (HT20)	CH140	21.13	129.72	899	Pass
11n (HT40)	CH102	20.90	123.03	1000	Pass
11n (HT40)	CH118	21.05	127.35	1000	Pass
11n (HT40)	CH134	21.11	129.12	1000	Pass
11ac (VHT20)	CH100	20.79	119.95	900	Pass
11ac (VHT20)	CH116	21.14	130.02	888	Pass
11ac (VHT20)	CH140	20.90	123.03	897	Pass
11ac (VHT40)	CH102	20.87	122.18	1000	Pass
11ac (VHT40)	CH118	21.03	126.77	1000	Pass
11ac (VHT40)	CH134	21.15	130.32	1000	Pass
11ac (VHT80)	CH106	20.98	125.31	1000	Pass
11ac (VHT80)	CH122	20.71	117.76	1000	Pass
11ac (VHT160)	CH114	18.00	63.10	1000	Pass
11ax (HE20) (SU)	CH100	20.97	125.03	958	Pass
11ax (HE20) (SU)	CH116	20.80	120.23	952	Pass
11ax (HE20) (SU)	CH140	20.83	121.06	958	Pass
11ax (HE40) (SU)	CH102	20.64	115.88	1000	Pass
11ax (HE40) (SU)	CH118	20.95	124.45	1000	Pass
11ax (HE40) (SU)	CH134	20.67	116.68	1000	Pass
11ax (HE80) (SU)	CH106	21.12	129.42	1000	Pass
11ax (HE80) (SU)	CH122	20.99	125.60	1000	Pass
11ax (HE160) (SU)	CH114	18.44	69.82	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	12.21	16.63	958	Pass
		52	11.95	15.67	958	Pass
		106	12.09	16.18	958	Pass
	CH116	26	11.72	14.86	952	Pass
		52	12.25	16.79	952	Pass
		106	11.74	14.93	952	Pass
	CH140	26	12.54	17.95	958	Pass
		52	12.24	16.75	958	Pass
		106	12.41	17.42	958	Pass
11ax (HE40) (RU)	CH102	26	12.28	16.90	1000	Pass
		52	12.73	18.75	1000	Pass
		106	12.15	16.41	1000	Pass
		242	12.97	19.82	1000	Pass
	CH118	26	11.86	15.35	1000	Pass
		52	12.33	17.10	1000	Pass
		106	11.79	15.10	1000	Pass
		242	12.23	16.71	1000	Pass
	CH134	26	12.02	15.92	1000	Pass
		52	12.44	17.54	1000	Pass
		106	11.84	15.28	1000	Pass
		242	12.61	18.24	1000	Pass
11ax (HE80) (RU)	CH106	26	12.32	17.06	1000	Pass
		52	12.66	18.45	1000	Pass
		106	12.38	17.30	1000	Pass
		242	13.19	20.84	1000	Pass
		484	12.54	17.95	1000	Pass
	CH122	26	12.47	17.66	1000	Pass
		52	12.09	16.18	1000	Pass
		106	12.58	18.11	1000	Pass
		242	12.07	16.11	1000	Pass
		484	12.33	17.10	1000	Pass
11ax (HE160) (RU)	CH114	26	12.07	16.11	1000	Pass
		52	12.44	17.54	1000	Pass
		106	12.09	16.18	1000	Pass
		242	12.56	18.03	1000	Pass
		484	12.07	16.11	1000	Pass
		996	12.42	17.46	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	20.92	123.59	Pass
11a	CH157	20.69	117.22	Pass
11a	CH165	20.75	118.85	Pass
11n (HT20)	CH149	20.94	124.17	Pass
11n (HT20)	CH157	20.76	119.12	Pass
11n (HT20)	CH165	20.93	123.88	Pass
11n (HT40)	CH151	21.00	125.89	Pass
11n (HT40)	CH159	21.05	127.35	Pass
11ac (VHT20)	CH149	20.93	123.88	Pass
11ac (VHT20)	CH157	20.76	119.12	Pass
11ac (VHT20)	CH165	20.93	123.88	Pass
11ac (VHT40)	CH151	20.95	124.45	Pass
11ac (VHT40)	CH159	21.00	125.89	Pass
11ac (VHT80)	CH155	20.65	116.14	Pass
11ax (HE20) (SU)	CH149	21.15	130.32	Pass
11ax (HE20) (SU)	CH157	20.86	121.90	Pass
11ax (HE20) (SU)	CH165	21.03	126.77	Pass
11ax (HE40) (SU)	CH151	20.80	120.23	Pass
11ax (HE40) (SU)	CH159	20.87	122.18	Pass
11ax (HE80) (SU)	CH155	20.89	122.74	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11ax (HE20) (RU)	CH149	26	14.99	31.55	Pass
		52	15.42	34.83	Pass
		106	15.29	33.81	Pass
	CH157	26	15.10	32.36	Pass
		52	14.91	30.97	Pass
		106	15.18	32.96	Pass
	CH165	26	15.10	32.36	Pass
		52	15.56	35.97	Pass
		106	15.45	35.08	Pass
11ax (HE40) (RU)	CH151	26	15.59	36.22	Pass
		52	15.28	33.73	Pass
		106	15.39	34.59	Pass
		242	16.38	43.45	Pass
	CH159	26	15.35	34.28	Pass
		52	15.04	31.92	Pass
		106	15.71	37.24	Pass
		242	15.46	35.16	Pass
11ax (HE80) (RU)	CH155	26	15.38	34.51	Pass
		52	14.97	31.41	Pass
		106	15.50	35.48	Pass
		242	14.98	31.48	Pass
		484	15.31	33.96	Pass

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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	17.93	62.09	168	Pass
11a	CH44	17.82	60.53	166	Pass
11a	CH48	17.72	59.16	166	Pass
11n (HT20)	CH36	17.89	61.52	180	Pass
11n (HT20)	CH44	17.74	59.43	177	Pass
11n (HT20)	CH48	17.71	59.02	177	Pass
11n (HT40)	CH38	17.93	62.09	200	Pass
11n (HT40)	CH46	17.99	62.95	200	Pass
11ac (VHT20)	CH36	18.00	63.10	180	Pass
11ac (VHT20)	CH44	17.83	60.67	177	Pass
11ac (VHT20)	CH48	17.73	59.29	178	Pass
11ac (VHT40)	CH38	18.02	63.39	200	Pass
11ac (VHT40)	CH46	18.19	65.92	200	Pass
11ac (VHT80)	CH42	18.09	64.42	200	Pass
11ac (VHT160)	CH50	13.01	20.00	200	Pass
11ax (HE20) (SU)	CH36	17.95	62.37	192	Pass
11ax (HE20) (SU)	CH44	17.99	62.95	190	Pass
11ax (HE20) (SU)	CH48	18.01	63.24	189	Pass
11ax (HE40) (SU)	CH38	17.88	61.38	200	Pass
11ax (HE40) (SU)	CH46	18.06	63.97	200	Pass
11ax (HE80) (SU)	CH42	17.93	62.09	200	Pass
11ax (HE160) (SU)	CH50	17.87	61.24	200	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	9.61	9.14	192	Pass
		52	10.18	10.42	192	Pass
		106	9.59	9.10	192	Pass
	CH44	26	10.07	10.16	190	Pass
		52	9.80	9.55	190	Pass
		106	10.15	10.35	190	Pass
	CH48	26	9.32	8.55	189	Pass
		52	9.91	9.79	189	Pass
		106	9.30	8.51	189	Pass
11ax (HE40) (RU)	CH38	26	9.69	9.31	200	Pass
		52	9.31	8.53	200	Pass
		106	9.60	9.12	200	Pass
		242	9.15	8.22	200	Pass
	CH46	26	10.32	10.76	200	Pass
		52	10.00	10.00	200	Pass
		106	10.24	10.57	200	Pass
		242	9.99	9.98	200	Pass
11ax (HE80) (RU)	CH42	26	9.95	9.89	200	Pass
		52	9.57	9.06	200	Pass
		106	10.09	10.21	200	Pass
		242	9.49	8.89	200	Pass
		484	10.24	10.57	200	Pass
11ax (HE160) (RU)	CH50	26	10.18	10.42	200	Pass
		52	10.52	11.27	200	Pass
		106	10.10	10.23	200	Pass
		242	10.16	10.38	200	Pass
		484	10.16	10.38	200	Pass
		996	10.68	11.69	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	17.91	61.80	830	Pass
11a	CH60	18.02	63.39	848	Pass
11a	CH64	18.05	63.83	844	Pass
11n (HT20)	CH52	17.86	61.09	889	Pass
11n (HT20)	CH60	18.03	63.53	903	Pass
11n (HT20)	CH64	17.95	62.37	902	Pass
11n (HT40)	CH54	18.12	64.86	1000	Pass
11n (HT40)	CH62	18.03	63.53	1000	Pass
11ac (VHT20)	CH52	17.89	61.52	888	Pass
11ac (VHT20)	CH60	18.11	64.71	902	Pass
11ac (VHT20)	CH64	18.01	63.24	901	Pass
11ac (VHT40)	CH54	17.66	58.34	1000	Pass
11ac (VHT40)	CH62	17.91	61.80	1000	Pass
11ac (VHT80)	CH58	14.26	26.67	1000	Pass
11ax (HE20) (SU)	CH52	17.85	60.95	954	Pass
11ax (HE20) (SU)	CH60	17.99	62.95	960	Pass
11ax (HE20) (SU)	CH64	18.01	63.24	956	Pass
11ax (HE40) (SU)	CH54	17.95	62.37	1000	Pass
11ax (HE40) (SU)	CH62	17.76	59.70	1000	Pass
11ax (HE80) (SU)	CH58	15.37	34.43	1000	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	9.06	8.05	954	Pass
		52	10.16	10.38	1000	Pass
		106	10.11	10.26	1000	Pass
	CH60	26	9.79	9.53	960	Pass
		52	9.50	8.91	1000	Pass
		106	10.28	10.67	1000	Pass
	CH64	26	8.46	7.01	956	Pass
		52	10.01	10.02	1000	Pass
		106	9.87	9.71	1000	Pass
11ax (HE40) (RU)	CH54	26	9.59	9.10	1000	Pass
		52	9.76	9.46	958	Pass
		106	10.56	11.38	958	Pass
		242	9.73	9.40	958	Pass
	CH62	26	9.32	8.55	1000	Pass
		52	10.01	10.02	952	Pass
		106	10.21	10.50	952	Pass
		242	10.15	10.35	952	Pass
11ax (HE80) (RU)	CH58	26	10.19	10.45	1000	Pass
		52	9.71	9.35	958	Pass
		106	9.73	9.40	958	Pass
		242	10.11	10.26	958	Pass
		484	10.32	10.76	958	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	17.66	58.34	846	Pass
11a	CH116	18.02	63.39	829	Pass
11a	CH140	18.35	68.39	841	Pass
11n (HT20)	CH100	17.64	58.08	901	Pass
11n (HT20)	CH116	17.95	62.37	887	Pass
11n (HT20)	CH140	18.00	63.10	899	Pass
11n (HT40)	CH102	17.77	59.84	1000	Pass
11n (HT40)	CH118	17.92	61.94	1000	Pass
11n (HT40)	CH134	18.07	64.12	1000	Pass
11ac (VHT20)	CH100	17.75	59.57	900	Pass
11ac (VHT20)	CH116	18.10	64.57	888	Pass
11ac (VHT20)	CH140	18.12	64.86	897	Pass
11ac (VHT40)	CH102	17.83	60.67	1000	Pass
11ac (VHT40)	CH118	17.99	62.95	1000	Pass
11ac (VHT40)	CH134	17.92	61.94	1000	Pass
11ac (VHT80)	CH106	17.94	62.23	1000	Pass
11ac (VHT80)	CH122	17.67	58.48	1000	Pass
11ac (VHT160)	CH114	14.75	29.85	1000	Pass
11ax (HE20) (SU)	CH100	17.93	62.09	958	Pass
11ax (HE20) (SU)	CH116	17.76	59.70	952	Pass
11ax (HE20) (SU)	CH140	17.79	60.12	958	Pass
11ax (HE40) (SU)	CH102	17.60	57.54	1000	Pass
11ax (HE40) (SU)	CH118	17.91	61.80	1000	Pass
11ax (HE40) (SU)	CH134	17.86	61.09	1000	Pass
11ax (HE80) (SU)	CH106	18.08	64.27	1000	Pass
11ax (HE80) (SU)	CH122	17.95	62.37	1000	Pass
11ax (HE160) (SU)	CH114	15.40	34.67	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	8.95	7.85	958	Pass
		52	9.50	8.91	958	Pass
		106	8.83	7.64	958	Pass
	CH116	26	9.27	8.45	952	Pass
		52	8.99	7.93	952	Pass
		106	9.29	8.49	952	Pass
	CH140	26	9.28	8.47	958	Pass
		52	9.79	9.53	958	Pass
		106	9.15	8.22	958	Pass
11ax (HE40) (RU)	CH102	26	9.83	9.62	1000	Pass
		52	9.47	8.85	1000	Pass
		106	9.70	9.33	1000	Pass
		242	9.71	9.35	1000	Pass
	CH118	26	9.41	8.73	1000	Pass
		52	9.07	8.07	1000	Pass
		106	9.34	8.59	1000	Pass
		242	8.97	7.89	1000	Pass
	CH134	26	9.57	9.06	1000	Pass
		52	9.18	8.28	1000	Pass
		106	9.39	8.69	1000	Pass
		242	9.35	8.61	1000	Pass
11ax (HE80) (RU)	CH106	26	9.87	9.71	1000	Pass
		52	9.40	8.71	1000	Pass
		106	9.93	9.84	1000	Pass
		242	9.93	9.84	1000	Pass
		484	10.09	10.21	1000	Pass
	CH122	26	9.21	8.34	1000	Pass
		52	9.64	9.20	1000	Pass
		106	9.32	8.55	1000	Pass
		242	9.62	9.16	1000	Pass
		484	9.07	8.07	1000	Pass
11ax (HE160) (RU)	CH114	26	9.62	9.16	1000	Pass
		52	9.18	8.28	1000	Pass
		106	9.64	9.20	1000	Pass
		242	9.30	8.51	1000	Pass
		484	9.62	9.16	1000	Pass
		996	9.16	8.24	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	17.71	59.02	Pass
11a	CH157	17.65	58.21	Pass
11a	CH165	17.71	59.02	Pass
11n (HT20)	CH149	17.90	61.66	Pass
11n (HT20)	CH157	17.72	59.16	Pass
11n (HT20)	CH165	17.89	61.52	Pass
11n (HT40)	CH151	17.96	62.52	Pass
11n (HT40)	CH159	17.92	61.94	Pass
11ac (VHT20)	CH149	17.80	60.26	Pass
11ac (VHT20)	CH157	17.63	57.94	Pass
11ac (VHT20)	CH165	18.13	65.01	Pass
11ac (VHT40)	CH151	17.82	60.53	Pass
11ac (VHT40)	CH159	17.87	61.24	Pass
11ac (VHT80)	CH155	17.52	56.49	Pass
11ax (HE20) (SU)	CH149	18.02	63.39	Pass
11ax (HE20) (SU)	CH157	17.73	59.29	Pass
11ax (HE20) (SU)	CH165	17.90	61.66	Pass
11ax (HE40) (SU)	CH151	17.82	60.53	Pass
11ax (HE40) (SU)	CH159	17.74	59.43	Pass
11ax (HE80) (SU)	CH155	17.76	59.70	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11ax (HE20) (RU)	CH149	26	12.54	17.95	Pass
		52	12.16	16.44	Pass
		106	12.84	19.23	Pass
	CH157	26	11.84	15.28	Pass
		52	12.46	17.62	Pass
		106	11.92	15.56	Pass
	CH165	26	12.65	18.41	Pass
		52	12.30	16.98	Pass
		106	13.00	19.95	Pass
11ax (HE40) (RU)	CH151	26	12.33	17.10	Pass
		52	12.83	19.19	Pass
		106	12.13	16.33	Pass
		242	13.93	24.72	Pass
	CH159	26	12.09	16.18	Pass
		52	12.59	18.16	Pass
		106	12.45	17.58	Pass
		242	13.01	20.00	Pass
11ax (HE80) (RU)	CH155	26	12.12	16.29	Pass
		52	12.52	17.86	Pass
		106	12.24	16.75	Pass
		242	12.53	17.91	Pass
		484	12.05	16.03	Pass

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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	17.58	57.28	168	Pass
11a	CH44	17.30	53.70	166	Pass
11a	CH48	17.37	54.58	166	Pass
11n (HT20)	CH36	17.51	56.36	180	Pass
11n (HT20)	CH44	17.19	52.36	177	Pass
11n (HT20)	CH48	17.33	54.08	177	Pass
11n (HT40)	CH38	17.51	56.36	200	Pass
11n (HT40)	CH46	17.47	55.85	200	Pass
11ac (VHT20)	CH36	17.55	56.89	180	Pass
11ac (VHT20)	CH44	17.35	54.33	177	Pass
11ac (VHT20)	CH48	17.30	53.70	178	Pass
11ac (VHT40)	CH38	17.37	54.58	200	Pass
11ac (VHT40)	CH46	17.70	58.88	200	Pass
11ac (VHT80)	CH42	17.63	57.94	200	Pass
11ac (VHT160)	CH50	12.58	18.11	200	Pass
11ax (HE20) (SU)	CH36	17.63	57.94	192	Pass
11ax (HE20) (SU)	CH44	17.42	55.21	190	Pass
11ax (HE20) (SU)	CH48	17.55	56.89	189	Pass
11ax (HE40) (SU)	CH38	17.45	55.59	200	Pass
11ax (HE40) (SU)	CH46	17.18	52.24	200	Pass
11ax (HE80) (SU)	CH42	17.50	56.23	200	Pass
11ax (HE160) (SU)	CH50	17.41	55.08	200	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	9.84	9.64	192	Pass
		52	9.19	8.30	192	Pass
		106	9.82	9.59	192	Pass
	CH44	26	9.08	8.09	190	Pass
		52	10.03	10.07	190	Pass
		106	9.16	8.24	190	Pass
	CH48	26	9.55	9.02	189	Pass
		52	8.92	7.80	189	Pass
		106	9.53	8.97	189	Pass
11ax (HE40) (RU)	CH38	26	8.70	7.41	200	Pass
		52	9.54	8.99	200	Pass
		106	8.61	7.26	200	Pass
		242	9.38	8.67	200	Pass
	CH46	26	9.33	8.57	200	Pass
		52	10.23	10.54	200	Pass
		106	9.25	8.41	200	Pass
		242	10.22	10.52	200	Pass
11ax (HE80) (RU)	CH42	26	8.96	7.87	200	Pass
		52	9.80	9.55	200	Pass
		106	9.10	8.13	200	Pass
		242	9.72	9.38	200	Pass
		484	9.25	8.41	200	Pass
11ax (HE160) (RU)	CH50	26	10.41	10.99	200	Pass
		52	9.53	8.97	200	Pass
		106	10.33	10.79	200	Pass
		242	9.17	8.26	200	Pass
		484	10.39	10.94	200	Pass
		996	9.69	9.31	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	17.48	55.98	830	Pass
11a	CH60	17.16	52.00	848	Pass
11a	CH64	17.63	57.94	844	Pass
11n (HT20)	CH52	17.40	54.95	889	Pass
11n (HT20)	CH60	17.60	57.54	903	Pass
11n (HT20)	CH64	17.49	56.10	902	Pass
11n (HT40)	CH54	17.69	58.75	1000	Pass
11n (HT40)	CH62	17.57	57.15	1000	Pass
11ac (VHT20)	CH52	17.11	51.40	888	Pass
11ac (VHT20)	CH60	17.50	56.23	902	Pass
11ac (VHT20)	CH64	17.56	57.02	901	Pass
11ac (VHT40)	CH54	17.28	53.46	1000	Pass
11ac (VHT40)	CH62	17.56	57.02	1000	Pass
11ac (VHT80)	CH58	13.88	24.43	1000	Pass
11ax (HE20) (SU)	CH52	17.50	56.23	954	Pass
11ax (HE20) (SU)	CH60	17.57	57.15	960	Pass
11ax (HE20) (SU)	CH64	17.66	58.34	956	Pass
11ax (HE40) (SU)	CH54	17.57	57.15	1000	Pass
11ax (HE40) (SU)	CH62	17.36	54.45	1000	Pass
11ax (HE80) (SU)	CH58	14.99	31.55	1000	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	9.29	8.49	954	Pass
		52	9.17	8.26	1000	Pass
		106	10.34	10.81	1000	Pass
	CH60	26	8.80	7.59	960	Pass
		52	9.73	9.40	1000	Pass
		106	9.29	8.49	1000	Pass
	CH64	26	8.69	7.40	956	Pass
		52	9.02	7.98	1000	Pass
		106	10.10	10.23	1000	Pass
11ax (HE40) (RU)	CH54	26	8.60	7.24	1000	Pass
		52	9.99	9.98	958	Pass
		106	9.57	9.06	958	Pass
		242	9.96	9.91	958	Pass
	CH62	26	8.33	6.81	1000	Pass
		52	10.24	10.57	952	Pass
		106	9.22	8.36	952	Pass
		242	10.38	10.91	952	Pass
11ax (HE80) (RU)	CH58	26	9.20	8.32	1000	Pass
		52	9.94	9.86	958	Pass
		106	8.74	7.48	958	Pass
		242	10.34	10.81	958	Pass
		484	9.33	8.57	958	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	17.31	53.83	846	Pass
11a	CH116	17.36	54.45	829	Pass
11a	CH140	17.68	58.61	841	Pass
11n (HT20)	CH100	17.26	53.21	901	Pass
11n (HT20)	CH116	17.60	57.54	887	Pass
11n (HT20)	CH140	17.62	57.81	899	Pass
11n (HT40)	CH102	17.42	55.21	1000	Pass
11n (HT40)	CH118	17.54	56.75	1000	Pass
11n (HT40)	CH134	17.63	57.94	1000	Pass
11ac (VHT20)	CH100	17.28	53.46	900	Pass
11ac (VHT20)	CH116	17.66	58.34	888	Pass
11ac (VHT20)	CH140	17.39	54.83	897	Pass
11ac (VHT40)	CH102	17.39	54.83	1000	Pass
11ac (VHT40)	CH118	17.52	56.49	1000	Pass
11ac (VHT40)	CH134	17.67	58.48	1000	Pass
11ac (VHT80)	CH106	17.47	55.85	1000	Pass
11ac (VHT80)	CH122	17.23	52.84	1000	Pass
11ac (VHT160)	CH114	14.49	28.12	1000	Pass
11ax (HE20) (SU)	CH100	17.49	56.10	958	Pass
11ax (HE20) (SU)	CH116	17.29	53.58	952	Pass
11ax (HE20) (SU)	CH140	17.35	54.33	958	Pass
11ax (HE40) (SU)	CH102	17.13	51.64	1000	Pass
11ax (HE40) (SU)	CH118	17.47	55.85	1000	Pass
11ax (HE40) (SU)	CH134	17.16	52.00	1000	Pass
11ax (HE80) (SU)	CH106	17.64	58.08	1000	Pass
11ax (HE80) (SU)	CH122	17.48	55.98	1000	Pass
11ax (HE160) (SU)	CH114	14.96	31.33	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	9.18	8.28	958	Pass
		52	8.51	7.10	958	Pass
		106	9.06	8.05	958	Pass
	CH116	26	8.28	6.73	952	Pass
		52	9.22	8.36	952	Pass
		106	8.30	6.76	952	Pass
	CH140	26	9.51	8.93	958	Pass
		52	8.80	7.59	958	Pass
		106	9.38	8.67	958	Pass
11ax (HE40) (RU)	CH102	26	8.84	7.66	1000	Pass
		52	9.70	9.33	1000	Pass
		106	8.71	7.43	1000	Pass
		242	9.94	9.86	1000	Pass
	CH118	26	8.42	6.95	1000	Pass
		52	9.30	8.51	1000	Pass
		106	8.35	6.84	1000	Pass
		242	9.20	8.32	1000	Pass
	CH134	26	8.58	7.21	1000	Pass
		52	9.41	8.73	1000	Pass
		106	8.40	6.92	1000	Pass
		242	9.58	9.08	1000	Pass
11ax (HE80) (RU)	CH106	26	8.88	7.73	1000	Pass
		52	9.63	9.18	1000	Pass
		106	8.94	7.83	1000	Pass
		242	10.16	10.38	1000	Pass
		484	9.10	8.13	1000	Pass
	CH122	26	9.44	8.79	1000	Pass
		52	8.65	7.33	1000	Pass
		106	9.55	9.02	1000	Pass
		242	8.63	7.29	1000	Pass
		484	9.30	8.51	1000	Pass
11ax (HE160) (RU)	CH114	26	8.63	7.29	1000	Pass
		52	9.41	8.73	1000	Pass
		106	8.65	7.33	1000	Pass
		242	9.53	8.97	1000	Pass
		484	8.63	7.29	1000	Pass
		996	9.39	8.69	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	17.41	55.08	Pass
11a	CH157	17.21	52.60	Pass
11a	CH165	17.24	52.97	Pass
11n (HT20)	CH149	17.46	55.72	Pass
11n (HT20)	CH157	17.25	53.09	Pass
11n (HT20)	CH165	17.45	55.59	Pass
11n (HT40)	CH151	17.49	56.10	Pass
11n (HT40)	CH159	17.57	57.15	Pass
11ac (VHT20)	CH149	17.42	55.21	Pass
11ac (VHT20)	CH157	17.28	53.46	Pass
11ac (VHT20)	CH165	17.42	55.21	Pass
11ac (VHT40)	CH151	17.47	55.85	Pass
11ac (VHT40)	CH159	17.49	56.10	Pass
11ac (VHT80)	CH155	17.17	52.12	Pass
11ax (HE20) (SU)	CH149	17.64	58.08	Pass
11ax (HE20) (SU)	CH157	17.38	54.70	Pass
11ax (HE20) (SU)	CH165	17.52	56.49	Pass
11ax (HE40) (SU)	CH151	17.32	53.95	Pass
11ax (HE40) (SU)	CH159	17.36	54.45	Pass
11ax (HE80) (SU)	CH155	17.41	55.08	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11ax (HE20) (RU)	CH149	26	11.55	14.29	Pass
		52	12.39	17.34	Pass
		106	11.85	15.31	Pass
	CH157	26	12.07	16.11	Pass
		52	11.47	14.03	Pass
		106	12.15	16.41	Pass
	CH165	26	11.66	14.66	Pass
		52	12.53	17.91	Pass
		106	12.01	15.89	Pass
11ax (HE40) (RU)	CH151	26	12.56	18.03	Pass
		52	11.84	15.28	Pass
		106	12.36	17.22	Pass
		242	12.94	19.68	Pass
	CH159	26	12.32	17.06	Pass
		52	11.60	14.45	Pass
		106	12.68	18.54	Pass
		242	12.02	15.92	Pass
11ax (HE80) (RU)	CH155	26	12.35	17.18	Pass
		52	11.53	14.22	Pass
		106	12.47	17.66	Pass
		242	11.54	14.26	Pass
		484	12.28	16.90	Pass

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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	20.77	119.37	168	Pass
11a	CH44	20.58	114.24	166	Pass
11a	CH48	20.56	113.73	166	Pass
11n (HT20)	CH36	20.71	117.88	180	Pass
11n (HT20)	CH44	20.48	111.79	177	Pass
11n (HT20)	CH48	20.53	113.10	177	Pass
11n (HT40)	CH38	20.74	118.45	250	Pass
11n (HT40)	CH46	20.75	118.80	250	Pass
11ac (VHT20)	CH36	20.79	119.98	180	Pass
11ac (VHT20)	CH44	20.61	115.00	177	Pass
11ac (VHT20)	CH48	20.53	113.00	178	Pass
11ac (VHT40)	CH38	20.72	117.96	250	Pass
11ac (VHT40)	CH46	20.96	124.80	250	Pass
11ac (VHT80)	CH42	20.88	122.36	250	Pass
11ac (VHT160)	CH50	15.81	38.11	250	Pass
11ax (HE20) (SU)	CH36	20.80	120.32	192	Pass
11ax (HE20) (SU)	CH44	20.72	118.16	190	Pass
11ax (HE20) (SU)	CH48	20.80	120.13	189	Pass
11ax (HE40) (SU)	CH38	20.68	116.97	250	Pass
11ax (HE40) (SU)	CH46	20.65	116.21	250	Pass
11ax (HE80) (SU)	CH42	20.73	118.32	250	Pass
11ax (HE160) (SU)	CH50	20.66	116.32	250	Pass

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH36	26	12.74	18.78	192	Pass
		52	12.72	18.72	192	Pass
		106	12.72	18.69	192	Pass
	CH44	26	12.61	18.25	190	Pass
		52	12.93	19.62	190	Pass
		106	12.69	18.59	190	Pass
	CH48	26	12.45	17.57	189	Pass
		52	12.45	17.59	189	Pass
		106	12.43	17.49	189	Pass
11ax (HE40) (RU)	CH38	26	12.23	16.72	377	Pass
		52	12.44	17.53	377	Pass
		106	12.14	16.38	377	Pass
		242	12.28	16.89	377	Pass
	CH46	26	12.86	19.34	375	Pass
		52	13.13	20.54	375	Pass
		106	12.78	18.98	375	Pass
		242	13.12	20.50	375	Pass
11ax (HE80) (RU)	CH42	26	12.49	17.76	771	Pass
		52	12.70	18.61	771	Pass
		106	12.63	18.34	771	Pass
		242	12.62	18.27	771	Pass
		484	12.78	18.98	771	Pass
11ax (HE160) (RU)	CH50	26	13.31	21.41	1557	Pass
		52	13.06	20.25	1557	Pass
		106	13.23	21.02	1557	Pass
		242	12.70	18.64	1557	Pass
		484	13.29	21.31	1557	Pass
		996	13.22	21.01	1557	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	20.71	117.78	830	Pass
11a	CH60	20.62	115.39	848	Pass
11a	CH64	20.86	121.77	844	Pass
11n (HT20)	CH52	20.65	116.05	889	Pass
11n (HT20)	CH60	20.83	121.08	903	Pass
11n (HT20)	CH64	20.74	118.48	902	Pass
11n (HT40)	CH54	20.92	123.61	1000	Pass
11n (HT40)	CH62	20.82	120.68	1000	Pass
11ac (VHT20)	CH52	20.53	112.92	888	Pass
11ac (VHT20)	CH60	20.83	120.95	902	Pass
11ac (VHT20)	CH64	20.80	120.26	901	Pass
11ac (VHT40)	CH54	20.48	111.80	1000	Pass
11ac (VHT40)	CH62	20.75	118.82	1000	Pass
11ac (VHT80)	CH58	17.08	51.10	1000	Pass
11ax (HE20) (SU)	CH52	20.69	117.19	954	Pass
11ax (HE20) (SU)	CH60	20.80	120.10	960	Pass
11ax (HE20) (SU)	CH64	20.85	121.59	956	Pass
11ax (HE40) (SU)	CH54	20.77	119.52	1000	Pass
11ax (HE40) (SU)	CH62	20.57	114.15	1000	Pass
11ax (HE80) (SU)	CH58	18.19	65.99	1000	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH52	26	12.19	16.55	954	Pass
		52	12.70	18.64	1000	Pass
		106	13.24	21.07	1000	Pass
	CH60	26	12.33	17.11	960	Pass
		52	12.63	18.31	1000	Pass
		106	12.82	19.16	1000	Pass
	CH64	26	11.59	14.41	956	Pass
		52	12.55	18.00	1000	Pass
		106	13.00	19.94	1000	Pass
11ax (HE40) (RU)	CH54	26	12.13	16.34	1000	Pass
		52	12.89	19.44	958	Pass
		106	13.10	20.43	958	Pass
		242	12.86	19.31	958	Pass
	CH62	26	11.86	15.36	1000	Pass
		52	13.14	20.59	952	Pass
		106	12.75	18.85	952	Pass
		242	13.28	21.27	952	Pass
11ax (HE80) (RU)	CH58	26	12.73	18.76	1000	Pass
		52	12.84	19.22	958	Pass
		106	12.27	16.88	958	Pass
		242	13.24	21.07	958	Pass
		484	12.86	19.34	958	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	20.50	112.17	846	Pass
11a	CH116	20.71	117.84	829	Pass
11a	CH140	21.04	127.00	841	Pass
11n (HT20)	CH100	20.46	111.29	901	Pass
11n (HT20)	CH116	20.79	119.92	887	Pass
11n (HT20)	CH140	20.82	120.91	899	Pass
11n (HT40)	CH102	20.61	115.05	1000	Pass
11n (HT40)	CH118	20.74	118.70	1000	Pass
11n (HT40)	CH134	20.87	122.06	1000	Pass
11ac (VHT20)	CH100	20.53	113.02	900	Pass
11ac (VHT20)	CH116	20.90	122.91	888	Pass
11ac (VHT20)	CH140	20.78	119.69	897	Pass
11ac (VHT40)	CH102	20.63	115.50	1000	Pass
11ac (VHT40)	CH118	20.77	119.44	1000	Pass
11ac (VHT40)	CH134	20.81	120.42	1000	Pass
11ac (VHT80)	CH106	20.72	118.08	1000	Pass
11ac (VHT80)	CH122	20.47	111.32	1000	Pass
11ac (VHT160)	CH114	17.63	57.97	1000	Pass
11ax (HE20) (SU)	CH100	20.73	118.19	958	Pass
11ax (HE20) (SU)	CH116	20.54	113.28	952	Pass
11ax (HE20) (SU)	CH140	20.59	114.44	958	Pass
11ax (HE40) (SU)	CH102	20.38	109.19	1000	Pass
11ax (HE40) (SU)	CH118	20.71	117.65	1000	Pass
11ax (HE40) (SU)	CH134	20.53	113.09	1000	Pass
11ax (HE80) (SU)	CH106	20.88	122.35	1000	Pass
11ax (HE80) (SU)	CH122	20.73	118.35	1000	Pass
11ax (HE160) (SU)	CH114	18.20	66.01	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11ax (HE20) (RU)	CH100	26	12.08	16.13	958	Pass
		52	12.04	16.01	958	Pass
		106	11.96	15.69	958	Pass
	CH116	26	11.81	15.18	952	Pass
		52	12.12	16.28	952	Pass
		106	11.83	15.25	952	Pass
	CH140	26	12.41	17.41	958	Pass
		52	12.33	17.11	958	Pass
		106	12.28	16.89	958	Pass
11ax (HE40) (RU)	CH102	26	12.37	17.27	1000	Pass
		52	12.60	18.18	1000	Pass
		106	12.24	16.76	1000	Pass
		242	12.84	19.22	1000	Pass
	CH118	26	11.95	15.68	1000	Pass
		52	12.20	16.58	1000	Pass
		106	11.88	15.43	1000	Pass
		242	12.10	16.21	1000	Pass
	CH134	26	12.11	16.27	1000	Pass
		52	12.31	17.01	1000	Pass
		106	11.93	15.61	1000	Pass
		242	12.48	17.69	1000	Pass
11ax (HE80) (RU)	CH106	26	12.41	17.43	1000	Pass
		52	12.53	17.89	1000	Pass
		106	12.47	17.67	1000	Pass
		242	13.06	20.22	1000	Pass
		484	12.63	18.34	1000	Pass
	CH122	26	12.34	17.13	1000	Pass
		52	12.18	16.53	1000	Pass
		106	12.45	17.57	1000	Pass
		242	12.16	16.46	1000	Pass
		484	12.20	16.58	1000	Pass
11ax (HE160) (RU)	CH114	26	12.16	16.46	1000	Pass
		52	12.31	17.01	1000	Pass
		106	12.18	16.53	1000	Pass
		242	12.43	17.49	1000	Pass
		484	12.16	16.46	1000	Pass
		996	12.29	16.93	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	20.57	114.10	Pass
11a	CH157	20.45	110.81	Pass
11a	CH165	20.49	111.99	Pass
11n (HT20)	CH149	20.70	117.38	Pass
11n (HT20)	CH157	20.50	112.24	Pass
11n (HT20)	CH165	20.69	117.11	Pass
11n (HT40)	CH151	20.74	118.62	Pass
11n (HT40)	CH159	20.76	119.09	Pass
11ac (VHT20)	CH149	20.62	115.46	Pass
11ac (VHT20)	CH157	20.47	111.40	Pass
11ac (VHT20)	CH165	20.80	120.22	Pass
11ac (VHT40)	CH151	20.66	116.38	Pass
11ac (VHT40)	CH159	20.69	117.34	Pass
11ac (VHT80)	CH155	20.36	108.61	Pass
11ax (HE20) (SU)	CH149	20.84	121.46	Pass
11ax (HE20) (SU)	CH157	20.57	113.99	Pass
11ax (HE20) (SU)	CH165	20.72	118.15	Pass
11ax (HE40) (SU)	CH151	20.59	114.49	Pass
11ax (HE40) (SU)	CH159	20.56	113.88	Pass
11ax (HE80) (SU)	CH155	20.60	114.78	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	RU Config	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11ax (HE20) (RU)	CH149	26	15.08	32.24	Pass
		52	15.29	33.78	Pass
		106	15.38	34.54	Pass
	CH157	26	14.97	31.38	Pass
		52	15.00	31.65	Pass
		106	15.05	31.97	Pass
	CH165	26	15.19	33.06	Pass
		52	15.43	34.89	Pass
		106	15.54	35.84	Pass
11ax (HE40) (RU)	CH151	26	15.46	35.13	Pass
		52	15.37	34.46	Pass
		106	15.26	33.55	Pass
		242	16.47	44.40	Pass
	CH159	26	15.22	33.24	Pass
		52	15.13	32.61	Pass
		106	15.58	36.11	Pass
		242	15.55	35.92	Pass
11ax (HE80) (RU)	CH155	26	15.25	33.47	Pass
		52	15.06	32.09	Pass
		106	15.37	34.41	Pass
		242	15.07	32.16	Pass
		484	15.18	32.94	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note¹: Test plots please refer to the document “Annex No.: BL-SZ2481270-602 Data Part 1.pdf”.

Note²: All antenna were pre tested, but only the worst case has been reported in this report.

Note³: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

SISO-Antenna 0

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	27.39	16.76
11a	CH44	21.00	16.56
11a	CH48	20.28	16.64
11n(HT20)	CH36	32.37	18.03
11n(HT20)	CH44	21.86	17.71
11n(HT20)	CH48	20.57	17.73
11n(HT40)	CH38	55.39	36.44
11n(HT40)	CH46	40.69	36.14
11ac(VHT20)	CH36	33.84	17.98
11ac(VHT20)	CH44	21.88	17.74
11ac(VHT20)	CH48	20.55	17.75
11ac(VHT40)	CH38	57.40	36.42
11ac(VHT40)	CH46	40.66	36.12
11ac(VHT80)	CH42	108.50	75.75
11ac(VHT160)	CH50	168.00	154.09
11ax(HE20) (SU)	CH36	33.29	19.17
11ax(HE20) (SU)	CH44	22.49	19.00
11ax(HE20) (SU)	CH48	19.97	18.85
11ax(HE40) (SU)	CH38	50.77	37.69
11ax(HE40) (SU)	CH46	39.69	37.50
11ax(HE80) (SU)	CH42	99.01	77.06
11ax(HE160) (SU)	CH50	162.20	155.69

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.00	16.56
11a	CH60	28.79	16.92
11a	CH64	29.41	16.84
11n(HT20)	CH52	21.82	17.73
11n(HT20)	CH60	33.57	18.03
11n(HT20)	CH64	33.94	18.01
11n(HT40)	CH54	40.67	36.12
11n(HT40)	CH62	57.60	36.41
11ac(VHT20)	CH52	21.76	17.72
11ac(VHT20)	CH60	31.73	18.00
11ac(VHT20)	CH64	29.97	17.99
11ac(VHT40)	CH54	40.55	36.13
11ac(VHT40)	CH62	55.38	36.46
11ac(VHT80)	CH58	116.50	75.80
11ax(HE20) (SU)	CH52	22.64	19.03
11ax(HE20) (SU)	CH60	31.59	19.15
11ax(HE20) (SU)	CH64	27.36	19.08
11ax(HE40) (SU)	CH54	39.66	37.54
11ax(HE40) (SU)	CH62	48.63	37.69
11ax(HE80) (SU)	CH58	98.69	77.20

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	31.21	16.88
11a	CH116	21.11	16.55
11a	CH140	27.31	16.78
11n(HT20)	CH100	31.50	17.99
11n(HT20)	CH116	21.87	17.70
11n(HT20)	CH140	29.58	17.94
11n(HT40)	CH102	56.18	36.36
11n(HT40)	CH118	40.95	36.13
11n(HT40)	CH134	64.91	36.57
11ac(VHT20)	CH100	30.21	17.96
11ac(VHT20)	CH116	21.69	17.72
11ac(VHT20)	CH140	29.14	17.89
11ac(VHT40)	CH102	50.99	36.38
11ac(VHT40)	CH118	40.90	36.14
11ac(VHT40)	CH134	63.11	36.55
11ac(VHT80)	CH106	106.00	75.68
11ac(VHT80)	CH122	80.11	75.34
11ac(VHT160)	CH114	167.40	153.76
11ax(HE20) (SU)	CH100	31.18	19.12
11ax(HE20) (SU)	CH116	22.24	19.00
11ax(HE20) (SU)	CH140	26.69	19.11
11ax(HE40) (SU)	CH102	48.33	36.66
11ax(HE40) (SU)	CH118	39.64	37.54
11ax(HE40) (SU)	CH134	55.86	37.71
11ax(HE80) (SU)	CH106	96.56	77.03
11ax(HE80) (SU)	CH122	80.28	76.97
11ax(HE160) (SU)	CH114	163.00	155.32

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.83	16.72
11a	CH157	21.09	16.55
11a	CH165	27.53	16.78
11n(HT20)	CH149	27.27	17.89
11n(HT20)	CH157	21.98	17.74
11n(HT20)	CH165	28.06	17.92
11n(HT40)	CH151	50.83	36.35
11n(HT40)	CH159	40.92	36.15
11ac(VHT20)	CH149	26.34	17.89
11ac(VHT20)	CH157	21.93	17.74
11ac(VHT20)	CH165	28.05	17.90
11ac(VHT40)	CH151	51.44	36.36
11ac(VHT40)	CH159	40.72	36.12
11ac(VHT80)	CH155	80.08	75.43
11ax(HE20) (SU)	CH149	26.86	19.06
11ax(HE20) (SU)	CH157	21.99	18.98
11ax(HE20) (SU)	CH165	26.95	19.06
11ax(HE40) (SU)	CH151	44.28	37.67
11ax(HE40) (SU)	CH159	39.71	37.56
11ax(HE80) (SU)	CH155	80.25	76.89

A.3 6 dB Bandwidth

Note¹: Test plots please refer to the document “Annex No.: BL-SZ2481270-602 Data Part 2.pdf”.

Note²: All antenna were pre tested, but only the worst case has been reported in this report.

Note³: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

SISO-Antenna 0

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.30	500.00	Pass
11a	CH157	16.50	500.00	Pass
11a	CH165	16.50	500.00	Pass
11n(HT20)	CH149	17.50	500.00	Pass
11n(HT20)	CH157	17.50	500.00	Pass
11n(HT20)	CH165	17.40	500.00	Pass
11n(HT40)	CH151	35.30	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	17.20	500.00	Pass
11ac(VHT20)	CH157	17.70	500.00	Pass
11ac(VHT20)	CH165	17.70	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.30	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass
11ax(HE20) (SU)	CH149	18.60	500.00	Pass
11ax(HE20) (SU)	CH157	18.80	500.00	Pass
11ax(HE20) (SU)	CH165	18.90	500.00	Pass
11ax(HE40) (SU)	CH151	37.20	500.00	Pass
11ax(HE40) (SU)	CH159	37.00	500.00	Pass
11ax(HE80) (SU)	CH155	77.00	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document “Annex No.: BL-SZ2481270-602 Data Part 3.pdf”.

Note²: All antenna were pre tested, but only the worst case has been reported in this report.

Note³: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

SISO-Antenna 0

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.39	16.49	Pass
11a	CH44	5.11	16.49	Pass
11a	CH48	4.70	16.49	Pass
11n (HT20)	CH36	5.06	17.00	Pass
11n (HT20)	CH44	4.80	17.00	Pass
11n (HT20)	CH48	4.48	17.00	Pass
11n (HT40)	CH38	2.69	17.00	Pass
11n (HT40)	CH46	2.65	17.00	Pass
11ac (VHT20)	CH36	4.88	17.00	Pass
11ac (VHT20)	CH44	4.39	17.00	Pass
11ac (VHT20)	CH48	4.09	17.00	Pass
11ac (VHT40)	CH38	2.18	17.00	Pass
11ac (VHT40)	CH46	2.16	17.00	Pass
11ac (VHT80)	CH42	-1.00	17.00	Pass
11ac (VHT160)	CH50	-4.80	17.00	Pass
11ax (HE20) (SU)	CH36	5.17	17.00	Pass
11ax (HE20) (SU)	CH44	4.72	17.00	Pass
11ax (HE20) (SU)	CH48	4.71	17.00	Pass
11ax (HE40) (SU)	CH38	2.51	17.00	Pass
11ax (HE40) (SU)	CH46	2.69	17.00	Pass
11ax (HE80) (SU)	CH42	-0.77	17.00	Pass
11ax (HE160) (SU)	CH50	-4.80	17.00	Pass

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	RU Config	PSD (dBm/ MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (RU)	CH36	26	6.07	17.00	Pass
		52	3.60	17.00	Pass
		106	1.01	17.00	Pass
	CH44	26	6.19	17.00	Pass
		52	3.82	17.00	Pass
		106	1.13	17.00	Pass
	CH48	26	6.09	17.00	Pass
		52	3.33	17.00	Pass
		106	0.80	17.00	Pass
11ax (HE40) (RU)	CH38	26	5.77	17.00	Pass
		52	3.06	17.00	Pass
		106	0.39	17.00	Pass
		242	-2.15	17.00	Pass
	CH46	26	6.17	17.00	Pass
		52	3.58	17.00	Pass
		106	0.98	17.00	Pass
		242	-1.25	17.00	Pass
11ax (HE80) (RU)	CH42	26	6.01	17.00	Pass
		52	3.39	17.00	Pass
		106	0.69	17.00	Pass
		242	-2.71	17.00	Pass
		484	-4.37	17.00	Pass
11ax (HE160) (RU)	CH50	26	5.94	17.00	Pass
		52	3.21	17.00	Pass
		106	0.42	17.00	Pass
		242	-3.18	17.00	Pass
		484	-5.27	17.00	Pass
		996	-6.94	17.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	5.08	10.49	Pass
11a	CH60	4.92	10.49	Pass
11a	CH64	5.11	10.49	Pass
11n (HT20)	CH52	4.84	11.00	Pass
11n (HT20)	CH60	4.15	11.00	Pass
11n (HT20)	CH64	5.25	11.00	Pass
11n (HT40)	CH54	2.82	11.00	Pass
11n (HT40)	CH62	2.98	11.00	Pass
11ac (VHT20)	CH52	4.57	11.00	Pass
11ac (VHT20)	CH60	4.92	11.00	Pass
11ac (VHT20)	CH64	4.92	11.00	Pass
11ac (VHT40)	CH54	1.84	11.00	Pass
11ac (VHT40)	CH62	2.47	11.00	Pass
11ac (VHT80)	CH58	-2.33	11.00	Pass
11ax (HE20) (SU)	CH52	4.83	11.00	Pass
11ax (HE20) (SU)	CH60	5.20	11.00	Pass
11ax (HE20) (SU)	CH64	5.36	11.00	Pass
11ax (HE40) (SU)	CH54	2.51	11.00	Pass
11ax (HE40) (SU)	CH62	2.58	11.00	Pass
11ax (HE80) (SU)	CH58	-1.48	11.00	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	RU Config	PSD (dBm/ MHz)	Limit (dBm/ MHz)	Verdict
11ax (HE20) (RU)	CH52	26	5.62	11.00	Pass
		52	3.60	11.00	Pass
		106	1.58	11.00	Pass
	CH60	26	5.76	11.00	Pass
		52	3.37	11.00	Pass
		106	1.19	11.00	Pass
	CH64	26	5.04	11.00	Pass
		52	3.50	11.00	Pass
		106	1.28	11.00	Pass
11ax (HE40) (RU)	CH54	26	5.57	11.00	Pass
		52	3.38	11.00	Pass
		106	1.24	11.00	Pass
		242	-1.58	11.00	Pass
	CH62	26	5.45	11.00	Pass
		52	3.75	11.00	Pass
		106	0.83	11.00	Pass
		242	-1.21	11.00	Pass
11ax (HE80) (RU)	CH58	26	5.88	11.00	Pass
		52	3.29	11.00	Pass
		106	0.13	11.00	Pass
		242	-2.36	11.00	Pass
		484	-4.11	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	3.92	10.49	Pass
11a	CH116	2.89	10.49	Pass
11a	CH140	-0.89	10.49	Pass
11n (HT20)	CH100	4.21	11.00	Pass
11n (HT20)	CH116	2.18	11.00	Pass
11n (HT20)	CH140	-1.66	11.00	Pass
11n (HT40)	CH102	1.87	11.00	Pass
11n (HT40)	CH118	-0.49	11.00	Pass
11n (HT40)	CH134	-2.96	11.00	Pass
11ac (VHT20)	CH100	2.96	11.00	Pass
11ac (VHT20)	CH116	1.94	11.00	Pass
11ac (VHT20)	CH140	-1.87	11.00	Pass
11ac (VHT40)	CH102	1.26	11.00	Pass
11ac (VHT40)	CH118	-1.98	11.00	Pass
11ac (VHT40)	CH134	2.44	11.00	Pass
11ac (VHT80)	CH106	-0.71	11.00	Pass
11ac (VHT80)	CH122	-0.76	11.00	Pass
11ac (VHT160)	CH114	-4.20	11.00	Pass
11ax (HE20) (SU)	CH100	5.47	11.00	Pass
11ax (HE20) (SU)	CH116	4.86	11.00	Pass
11ax (HE20) (SU)	CH140	3.90	11.00	Pass
11ax (HE40) (SU)	CH102	3.22	11.00	Pass
11ax (HE40) (SU)	CH118	2.89	11.00	Pass
11ax (HE40) (SU)	CH134	1.76	11.00	Pass
11ax (HE80) (SU)	CH106	0.26	11.00	Pass
11ax (HE80) (SU)	CH122	-0.48	11.00	Pass
11ax (HE160) (SU)	CH114	-3.98	11.00	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	RU Config	PSD (dBm/ MHz)	Limit (dBm/ MHz)	Verdict
11ax (HE20) (RU)	CH100	26	5.96	11.00	Pass
		52	3.56	11.00	Pass
		106	0.64	11.00	Pass
	CH116	26	5.83	11.00	Pass
		52	3.21	11.00	Pass
		106	0.65	11.00	Pass
	CH140	26	6.08	11.00	Pass
		52	3.37	11.00	Pass
		106	0.74	11.00	Pass
11ax (HE40) (RU)	CH102	26	6.16	11.00	Pass
		52	3.65	11.00	Pass
		106	0.94	11.00	Pass
		242	-1.08	11.00	Pass
	CH118	26	5.78	11.00	Pass
		52	3.24	11.00	Pass
		106	0.38	11.00	Pass
		242	-1.92	11.00	Pass
	CH134	26	5.68	11.00	Pass
		52	3.04	11.00	Pass
		106	0.34	11.00	Pass
		242	-1.55	11.00	Pass
11ax (HE80) (RU)	CH106	26	6.12	11.00	Pass
		52	3.51	11.00	Pass
		106	0.65	11.00	Pass
		242	-1.81	11.00	Pass
		484	-4.05	11.00	Pass
	CH122	26	5.68	11.00	Pass
		52	3.00	11.00	Pass
		106	0.18	11.00	Pass
		242	-2.88	11.00	Pass
		484	-4.93	11.00	Pass
11ax (HE160) (RU)	CH114	26	6.13	11.00	Pass
		52	3.44	11.00	Pass
		106	0.55	11.00	Pass
		242	-2.76	11.00	Pass
		484	-5.06	11.00	Pass
		996	-7.42	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.95	29.49	Pass
11a	CH157	1.53	29.49	Pass
11a	CH165	1.33	29.49	Pass
11n (HT20)	CH149	1.60	30.00	Pass
11n (HT20)	CH157	1.28	30.00	Pass
11n (HT20)	CH165	1.55	30.00	Pass
11n (HT40)	CH151	-0.80	30.00	Pass
11n (HT40)	CH159	-0.81	30.00	Pass
11ac (VHT20)	CH149	1.42	30.00	Pass
11ac (VHT20)	CH157	1.03	30.00	Pass
11ac (VHT20)	CH165	1.41	30.00	Pass
11ac (VHT40)	CH151	-1.33	30.00	Pass
11ac (VHT40)	CH159	-1.15	30.00	Pass
11ac (VHT80)	CH155	-4.52	30.00	Pass
11ax (HE20) (SU)	CH149	1.81	30.00	Pass
11ax (HE20) (SU)	CH157	1.44	30.00	Pass
11ax (HE20) (SU)	CH165	1.73	30.00	Pass
11ax (HE40) (SU)	CH151	-1.21	30.00	Pass
11ax (HE40) (SU)	CH159	-1.17	30.00	Pass
11ax (HE80) (SU)	CH155	-4.53	30.00	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	RU Config	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11ax (HE20) (RU)	CH149	26	5.84	30.00	Pass
		52	3.48	30.00	Pass
		106	1.10	30.00	Pass
	CH157	26	5.66	30.00	Pass
		52	3.38	30.00	Pass
		106	0.55	30.00	Pass
	CH165	26	5.98	30.00	Pass
		52	3.60	30.00	Pass
		106	1.13	30.00	Pass
11ax (HE40) (RU)	CH151	26	6.15	30.00	Pass
		52	3.62	30.00	Pass
		106	0.64	30.00	Pass
		242	-0.63	30.00	Pass
	CH159	26	5.92	30.00	Pass
		52	3.26	30.00	Pass
		106	1.10	30.00	Pass
		242	-1.29	30.00	Pass
11ax (HE80) (RU)	CH155	26	6.14	30.00	Pass
		52	3.23	30.00	Pass
		106	0.26	30.00	Pass
		242	-2.85	30.00	Pass
		484	-4.77	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	8.96	10.00	Pass
11a	CH44	8.68	10.00	Pass
11a	CH48	8.27	10.00	Pass
11n (HT20)	CH36	8.63	10.00	Pass
11n (HT20)	CH44	8.37	10.00	Pass
11n (HT20)	CH48	8.05	10.00	Pass
11n (HT40)	CH38	6.26	10.00	Pass
11n (HT40)	CH46	6.22	10.00	Pass
11ac (VHT20)	CH36	8.45	10.00	Pass
11ac (VHT20)	CH44	7.96	10.00	Pass
11ac (VHT20)	CH48	7.66	10.00	Pass
11ac (VHT40)	CH38	5.75	10.00	Pass
11ac (VHT40)	CH46	5.73	10.00	Pass
11ac (VHT80)	CH42	2.57	10.00	Pass
11ac (VHT160)	CH50	-1.23	10.00	Pass
11ax (HE20) (SU)	CH36	8.74	10.00	Pass
11ax (HE20) (SU)	CH44	8.29	10.00	Pass
11ax (HE20) (SU)	CH48	8.28	10.00	Pass
11ax (HE40) (SU)	CH38	6.08	10.00	Pass
11ax (HE40) (SU)	CH46	6.26	10.00	Pass
11ax (HE80) (SU)	CH42	2.80	10.00	Pass
11ax (HE160) (SU)	CH50	-1.23	10.00	Pass

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	RU Config	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11ax (HE20) (RU)	CH36	26	9.64	10.00	Pass
		52	7.17	10.00	Pass
		106	4.58	10.00	Pass
	CH44	26	9.76	10.00	Pass
		52	7.39	10.00	Pass
		106	4.70	10.00	Pass
	CH48	26	9.66	10.00	Pass
		52	6.90	10.00	Pass
		106	4.37	10.00	Pass
11ax (HE40) (RU)	CH38	26	9.34	10.00	Pass
		52	6.63	10.00	Pass
		106	3.96	10.00	Pass
		242	1.42	10.00	Pass
	CH46	26	9.74	10.00	Pass
		52	7.15	10.00	Pass
		106	4.55	10.00	Pass
		242	2.32	10.00	Pass
11ax (HE80) (RU)	CH42	26	9.58	10.00	Pass
		52	6.96	10.00	Pass
		106	4.26	10.00	Pass
		242	0.86	10.00	Pass
		484	-0.80	10.00	Pass
11ax (HE160) (RU)	CH50	26	9.51	10.00	Pass
		52	6.78	10.00	Pass
		106	3.99	10.00	Pass
		242	0.39	10.00	Pass
		484	-1.70	10.00	Pass
		996	-3.37	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	8.65	Pass
11a	CH60	8.49	Pass
11a	CH64	8.68	Pass
11n (HT20)	CH52	8.41	Pass
11n (HT20)	CH60	7.72	Pass
11n (HT20)	CH64	8.82	Pass
11n (HT40)	CH54	6.39	Pass
11n (HT40)	CH62	6.55	Pass
11ac (VHT20)	CH52	8.14	Pass
11ac (VHT20)	CH60	8.49	Pass
11ac (VHT20)	CH64	8.49	Pass
11ac (VHT40)	CH54	5.41	Pass
11ac (VHT40)	CH62	6.04	Pass
11ac (VHT80)	CH58	1.24	Pass
11ax (HE20) (SU)	CH52	8.40	Pass
11ax (HE20) (SU)	CH60	8.77	Pass
11ax (HE20) (SU)	CH64	8.93	Pass
11ax (HE40) (SU)	CH54	6.08	Pass
11ax (HE40) (SU)	CH62	6.15	Pass
11ax (HE80) (SU)	CH58	2.09	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	RU Config	E.I.R.P PSD (dBm/MHz)	Verdict
11ax (HE20) (RU)	CH52	26	9.19	Pass
		52	7.17	Pass
		106	5.15	Pass
	CH60	26	9.33	Pass
		52	6.94	Pass
		106	4.76	Pass
	CH64	26	8.61	Pass
		52	7.07	Pass
		106	4.85	Pass
11ax (HE40) (RU)	CH54	26	9.14	Pass
		52	6.95	Pass
		106	4.81	Pass
		242	1.99	Pass
	CH62	26	9.02	Pass
		52	7.32	Pass
		106	4.40	Pass
		242	2.36	Pass
11ax (HE80) (RU)	CH58	26	9.45	Pass
		52	6.86	Pass
		106	3.70	Pass
		242	1.21	Pass
		484	-0.54	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	7.49	Pass
11a	CH116	6.46	Pass
11a	CH140	2.68	Pass
11n (HT20)	CH100	7.78	Pass
11n (HT20)	CH116	5.75	Pass
11n (HT20)	CH140	1.91	Pass
11n (HT40)	CH102	5.44	Pass
11n (HT40)	CH118	3.08	Pass
11n (HT40)	CH134	0.61	Pass
11ac (VHT20)	CH100	6.53	Pass
11ac (VHT20)	CH116	5.51	Pass
11ac (VHT20)	CH140	1.70	Pass
11ac (VHT40)	CH102	4.83	Pass
11ac (VHT40)	CH118	1.59	Pass
11ac (VHT40)	CH134	6.01	Pass
11ac (VHT80)	CH106	2.87	Pass
11ac (VHT80)	CH122	2.81	Pass
11ac (VHT160)	CH114	-0.63	Pass
11ax (HE20) (SU)	CH100	9.04	Pass
11ax (HE20) (SU)	CH116	8.43	Pass
11ax (HE20) (SU)	CH140	7.47	Pass
11ax (HE40) (SU)	CH102	6.79	Pass
11ax (HE40) (SU)	CH118	6.46	Pass
11ax (HE40) (SU)	CH134	5.33	Pass
11ax (HE80) (SU)	CH106	3.83	Pass
11ax (HE80) (SU)	CH122	3.09	Pass
11ax (HE160) (SU)	CH114	-0.41	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	RU Config	E.I.R.P PSD (dBm/MHz)	Verdict
11ax (HE20) (RU)	CH100	26	9.53	Pass
		52	7.13	Pass
		106	4.21	Pass
	CH116	26	9.40	Pass
		52	6.78	Pass
		106	4.22	Pass
	CH140	26	9.65	Pass
		52	6.94	Pass
		106	4.31	Pass
11ax (HE40) (RU)	CH102	26	9.73	Pass
		52	7.22	Pass
		106	4.51	Pass
		242	2.49	Pass
	CH118	26	9.35	Pass
		52	6.81	Pass
		106	3.95	Pass
		242	1.65	Pass
	CH134	26	9.25	Pass
		52	6.61	Pass
		106	3.91	Pass
		242	2.02	Pass
11ax (HE80) (RU)	CH106	26	9.69	Pass
		52	7.08	Pass
		106	4.22	Pass
		242	1.76	Pass
		484	-0.48	Pass
	CH122	26	9.25	Pass
		52	6.57	Pass
		106	3.75	Pass
		242	0.69	Pass
		484	-1.36	Pass
11ax (HE160) (RU)	CH114	26	9.70	Pass
		52	7.01	Pass
		106	4.12	Pass
		242	0.81	Pass
		484	-1.49	Pass
		996	-3.85	Pass