

TEST REPORT

Applicant: Shenzhen Hollyland Technology Co.,Ltd.
Address: 8F, Building 5D, Skyworth Innovation Valley,
Tangtou Road, Shiyan Street, Baoan District,
Shenzhen, 518055 China
Equipment Type: WIRELESS VIDEO TRANSMISSION SYSTEM
Model Name: Pyro 7 Ultra
Brand Name:  **HOLLYLAND**
FCC ID: 2ADZC-V9805
ISED Number: 29803-V9805
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 4
(refer to section 3.1)
Sample Arrival Date: Apr. 07, 2026
Test Date: Apr. 09, 2026 - May 22, 2026
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ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yang Wenxuan**Checked by:** Li Ganming**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 12, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☒ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The CAB identifier number is CN0030.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shenzhen Hollyland Technology Co.,Ltd.
Address	8F, Building 5D, Skyworth Innovation Valley, Tangtou Road, Shiyan Street, Baoan District, Shenzhen, 518055 China

2.2 Manufacturer Information

Manufacturer	Shenzhen Hollyland Technology Co.,Ltd.
Address	8F, Building 5D, Skyworth Innovation Valley, Tangtou Road, Shiyan Street, Baoan District, Shenzhen, 518055 China

2.3 General Description for Equipment under Test (EUT)

EUT Name	WIRELESS VIDEO TRANSMISSION SYSTEM
Model Name Under Test	Pyro 7 Ultra
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	26HS3C223V4
Hardware Version	V38
Software Version	S9.9.1.0
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(HT20/HT40), 802.11ac(VHT20/VHT40)
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☐ Mobile ☒ Portable ☐ Fix Location Indoor for IC standard	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz	
Maximum Output Power	U-NII-1: 19.59 mW U-NII-2C: 19.28 mW U-NII-3: 12.22 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac	
Antenna Type	SISO-ANT-A	External antenna
	SISO-ANT-B	
	SISO-ANT-C	
	SISO-ANT-D	
Antenna Gain	SISO-ANT-A	U-NII-1: 5150 MHz to 5250 MHz: 2.99 dBi
	SISO-ANT-B	U-NII-2C: 5470 MHz to 5725 MHz: 3.59 dBi
	SISO-ANT-C	U-NII-3: 5725 MHz to 5850 MHz: 2.72 dBi
	SISO-ANT-D	
Total directional gain	For power spectral density (PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 12.02 dBi U-NII-2C: 5470 MHz to 5725 MHz: 12.62 dBi U-NII-3: 5725 MHz to 5850 MHz: 11.75 dBi Formulas: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 6.00 dBi

		U-NII-2C: 5470 MHz to 5725 MHz: 6.60 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.73 dBi Formulas: Directional gain = G_{ANT}
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 12.02 dBi U-NII-2C: 5470 MHz to 5725 MHz: 12.62 dBi U-NII-3: 5725 MHz to 5850 MHz: 11.75 dBi Formulas: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 6.00 dBi U-NII-2C: 5470 MHz to 5725 MHz: 6.60 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.73 dBi Formulas: Directional gain = G_{ANT}
About the Product		The equipment is WIRELESS VIDEO TRANSMISSION SYSTEM, intended for used with information technology equipment.

Mode	Antenna								
	SISO-ANT-A	SISO-ANT-B	SISO-ANT-C	SISO-ANT-D	MIMO-A	MIMO-B	MIMO-C	MIMO-D	MIMO
802.11a	√	√	√	√	√	√	√	√	√
802.11n20	√	√	√	√	√	√	√	√	√
802.11n40	√	√	√	√	√	√	√	√	√
802.11ac20	√	√	√	√	√	√	√	√	√
802.11ac40	√	√	√	√	√	√	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.									

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

2.5 Channel List

20 MHz		40 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	118	5590
48	5240	126	5630
100	5500	134	5670
104	5520	151	5755
108	5540	159	5795
112	5560		
116	5580		
120	5600		
124	5620		
128	5640		
132	5660		
136	5680		
140	5700		
149	5745		
153	5765		
157	5785		
161	5805		
165	5825		

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

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

U-NII-1 (5150 - 5250 MHz)		
Channel Number	Channel	Frequency (MHz)
36	Low	5180
44	Mid	5220
48	High	5240

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)		
Channel Number	Channel	Frequency (MHz)
38	Low	5190
46	High	5230

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			

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-2C	U-NII-3
				Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	134/118/102	159/151
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	134/118/102	159/151
6 dB bandwidth	11a	6	BPSK	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	159/151
Power Spectral Density	11a	6	BPSK	48/44/36	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	134/118/102	159/151
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	134/118/102	159/151
Band Edge (Restricted-band)	11a	6	BPSK	48/36	140/100	165/149
	11n(20 MHz)	6.5		48/36	140/100	165/149
	11n(40 MHz)	13.5		46/38	134/102	159/151
	11ac(20 MHz)	6.5		48/36	140/100	165/149
	11ac(40 MHz)	13.5		46/38	134/102	159/151

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 4	Digital Transmission Systems, Frequency Hopping Systems and Licence Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
6	ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024	American National Standard for Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-Gen, 6.8	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 7.3	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 7.3	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 7.3	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 7.3	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 7.3	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A ^{Note2}

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	46% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.1℃ to +25.6℃
Working Voltage of the EUT	NV (Normal Voltage)	14.8V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2025.06.16	2026.06.15
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Spectrum Analyzer	R&S	FSV40	101544	2025.10.30	2026.10.29
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Anechoic Chamber	YIHENG	C8-966	107	2024.05.12	2027.05.11
EMI Receiver	Keysight	N9038A	MY59290112	2026.01.28	2027.01.27
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4 m	235	2024.11.05	2027.11.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2025.11.26	2026.11.25
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7. 35m	130	2024.07.13	2027.07.12
Vector Signal Generator	ROHDE&SCHWARZ	SMCV100B	103663	2025.06.17	2026.06.16

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%

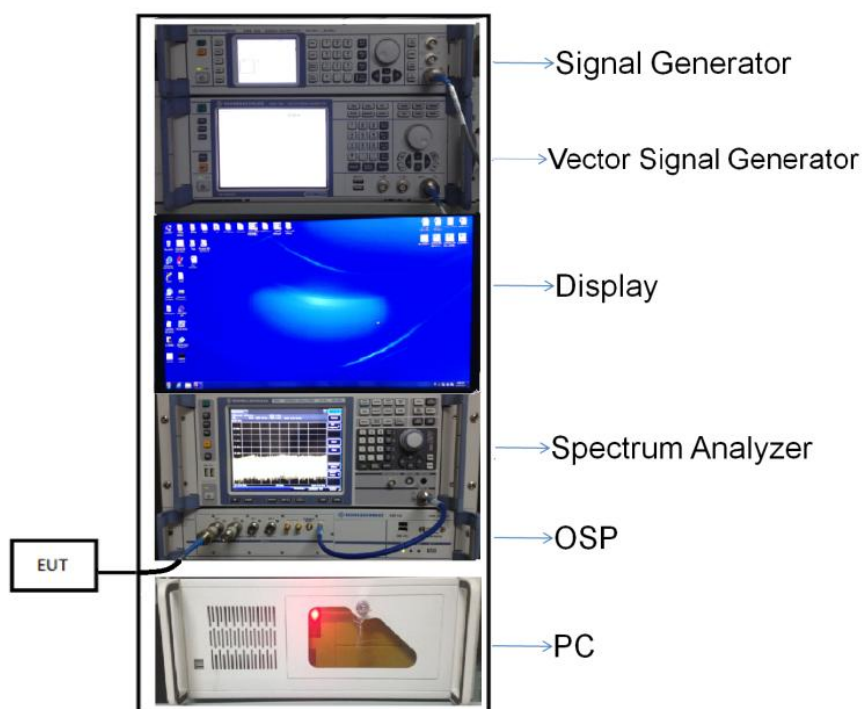
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

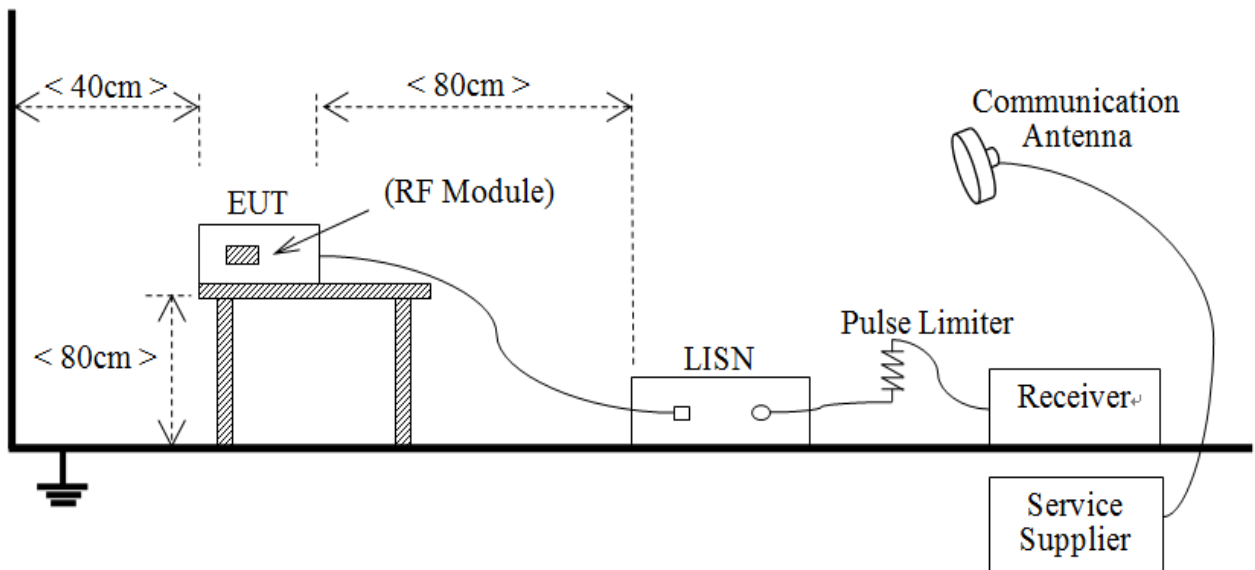
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



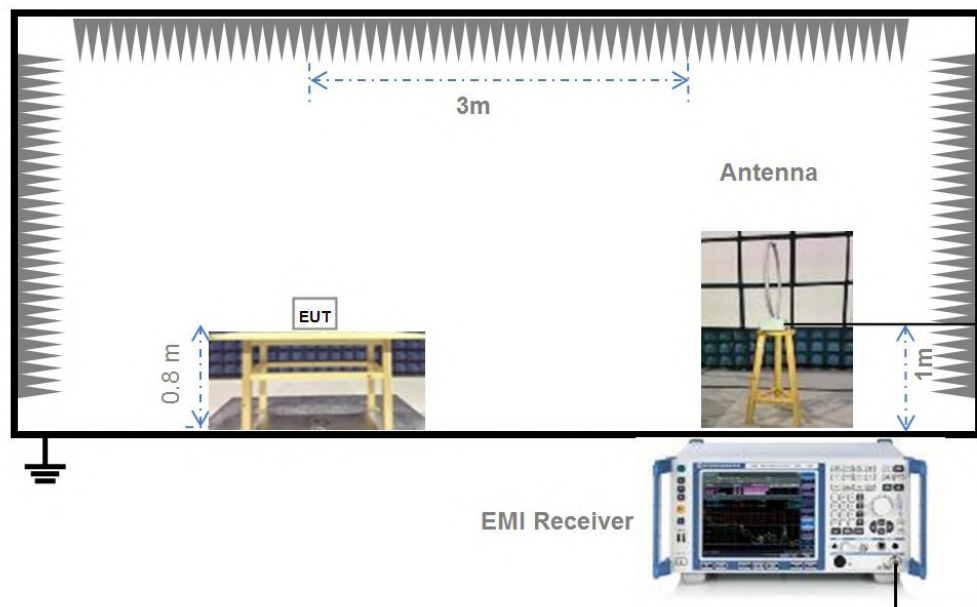
(Diagram 1)

4.5.2 For AC Power Supply Port Test



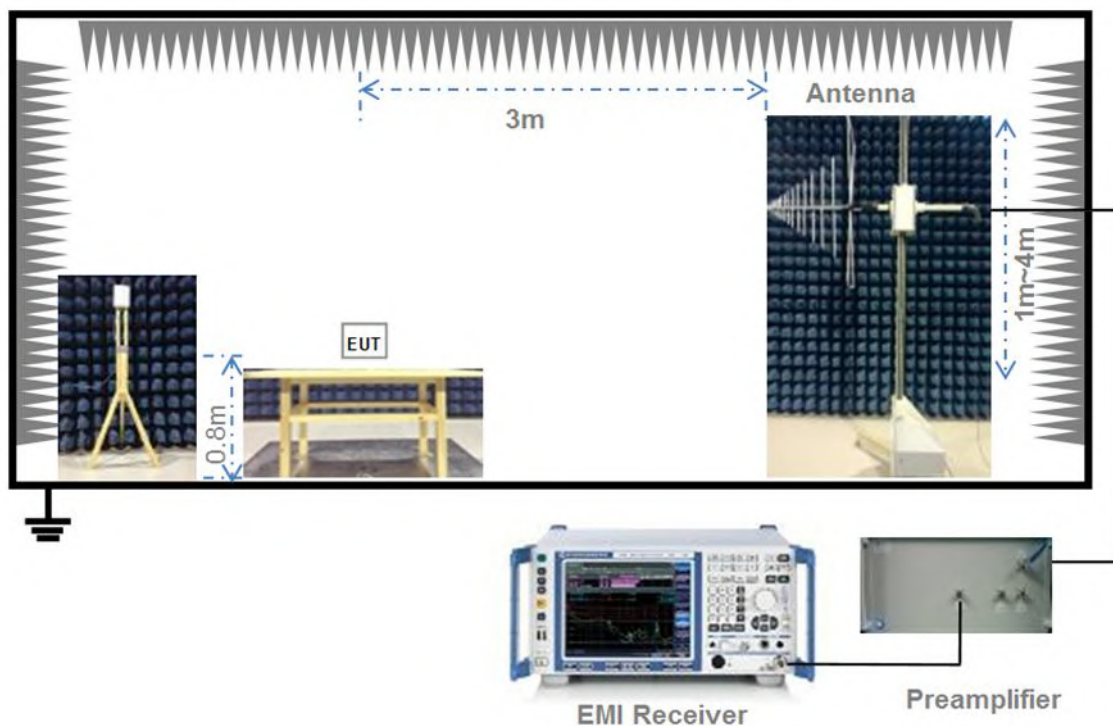
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



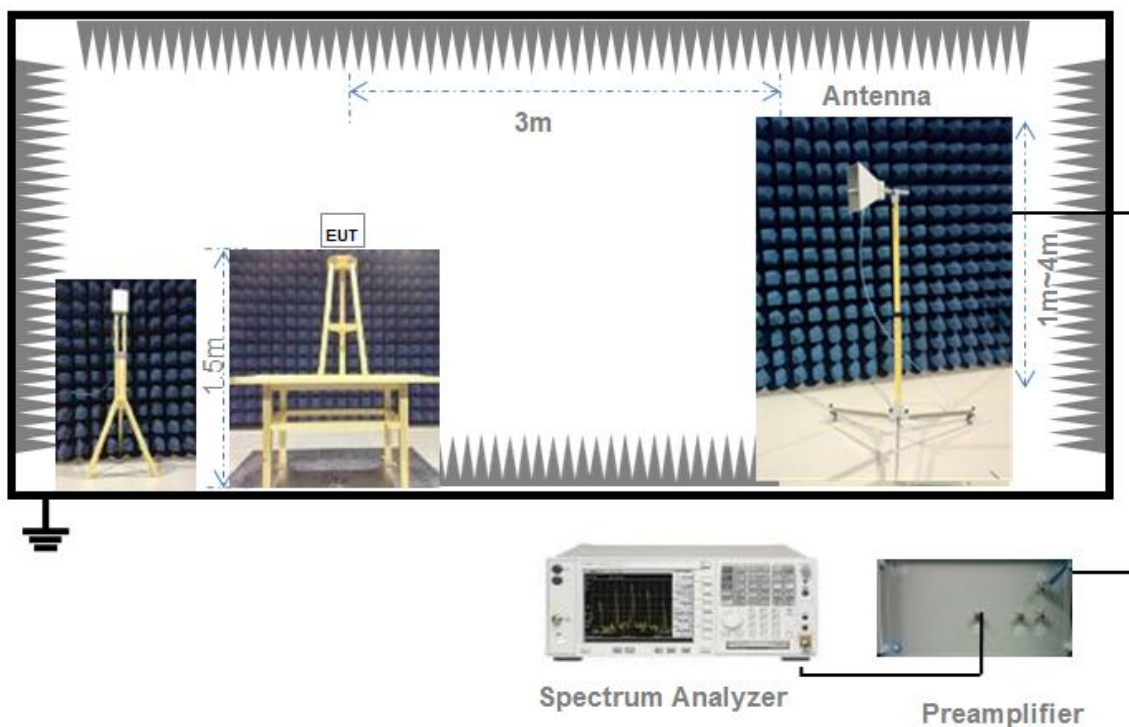
(Diagram 3)

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.	

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The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 7.3

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Occupied Bandwidth

1. Set center frequency to the nominal EUT channel center frequency.
2. Set Span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1% to 5% of the OBW.
4. Set VBW $\geq 3 \times$ RBW.
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. Use the 99% power bandwidth function of the instrument.
6. Use the 99% power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

6 dB bandwidth

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 kHz for the band 5.725–5.85 GHz. The following procedure shall be used for measuring this bandwidth:

1. Set RBW = 100 kHz,
2. Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. 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

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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. Measure the duty cycle, x , of the transmitter output signal as described in II.B.
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 510 kHz/1 MHz.
4. Set VBW $\geq 3 \times$ RBW.
5. Number of points in sweep $\geq 2 \times$ span / RBW. (This ensures that bin-to-bin spacing is $\leq$ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to "free run."
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.

10. Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.

1. 11. Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6$ dB if the duty cycle is 25%.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

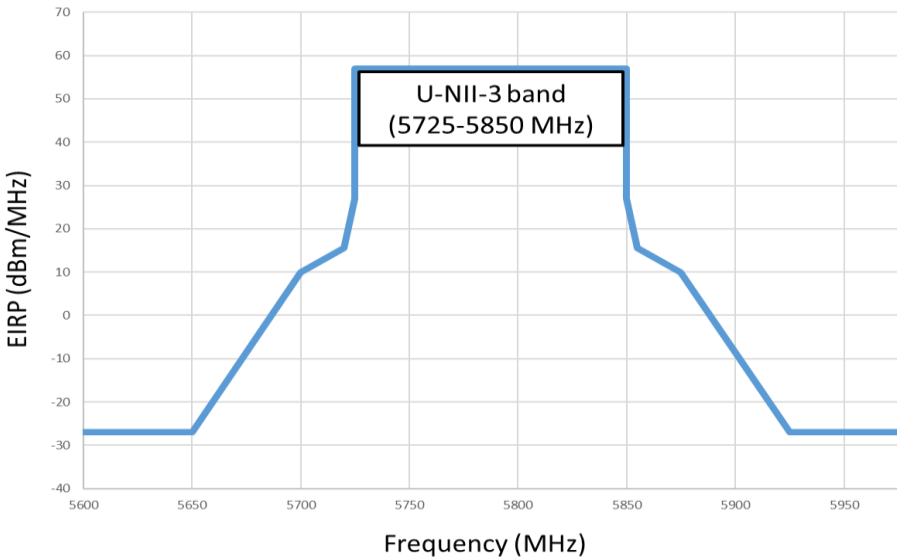
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 7.3

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(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

Radiated Spurious Emissions:

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 maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) 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).
- d) 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).
- e) 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.
- f) Compare the resultant electric field strength level to the applicable limit.
- g) 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

Band Edge (Restricted-band):

If the EUT can be configured or modified to transmit continuously ($D \geq 98\%$), measured using the following method (with EUT transmitting continuously):

Use the following spectrum analyzer settings:

Set instrument center frequency to the frequency of the emission to be measured (must be within 2 MHz of the authorized band-edge).

RBW = 100 kHz.

VBW $\geq [3 \times \text{RBW}]$.

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$.

Averaging type = power (i.e., rms):

As an alternative, the detector and averaging type may be set for linear voltage averaging.

Some instruments require linear display mode to use linear voltage averaging. Log or dB

averaging shall not be used.

Sweep time = auto.

Perform a trace average of at least 100 traces.

Compute the power by integrating the spectrum over 1 MHz using the analyzer's band-power measurement function with band limits set equal to the emission frequency (femission) ± 0.5 MHz. If the instrument does not have a band-power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by femission) ± 0.5 MHz.

If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is constant (duty cycle variations are less $\pm 2\%$), then the following procedure may be used to measure the average power of unwanted emissions within 2 MHz of the authorized band-edge:

RBW = 100 kHz.

VBW $\geq [3 \times \text{RBW}]$.

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$.

Averaging type = power (i.e., rms):

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$. Satisfying this condition might 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.

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 to use linear voltage averaging. Log or dB averaging shall not be used.

Sweep time = auto.

Perform a trace average of at least 100 traces.

Compute the power by integrating the spectrum over 1 MHz using the instrument's band-power measurement function with band limits set equal to the emission frequency (femission) ± 0.5 MHz. If the spectrum analyzer does not have a band-power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by femission ± 0.5 MHz.

A correction factor shall be added to the measurement results prior to comparing with the emission limit to compute the emission level that would have been measured had the test been performed at 100% 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

$[10 \log (1 / D)]$, where D is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is

$[20 \log (1 / D)]$, where D is the duty cycle.

3) If a specific emission is demonstrated to be continuous ($D \geq 98\%$) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

Reduction of the measured emission amplitude levels to account for operational duty cycle is not permitted. Determining compliance is based on emission levels occurring during transmission—it is not based on an average across ON and OFF times of the transmitter.

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Note ²: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.03	2.09	96.75%	0.14
11n(HT20)/11ac(VHT20)	4.97	5.04	98.69%	0.06
11n(HT40)/11ac(VHT40)	2.41	2.48	97.30%	0.12

Test DataConducted PowerSISO-ANT-A

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.82	19.14	250	Pass
11a	CH44	12.33	17.10	250	Pass
11a	CH48	12.33	17.10	250	Pass
11n(HT20)	CH36	12.54	17.95	250	Pass
11n(HT20)	CH44	12.42	17.46	250	Pass
11n(HT20)	CH48	12.42	17.46	250	Pass
11n(HT40)	CH38	12.72	18.71	250	Pass
11n(HT40)	CH46	12.50	17.78	250	Pass
11ac(VHT20)	CH36	12.56	18.03	250	Pass
11ac(VHT20)	CH44	12.46	17.62	250	Pass
11ac(VHT20)	CH48	12.41	17.42	250	Pass
11ac(VHT40)	CH38	12.73	18.75	250	Pass
11ac(VHT40)	CH46	12.50	17.78	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.47	17.66	250	206	Pass
11a	CH116	12.25	16.79	250	206	Pass
11a	CH140	12.53	17.91	250	207	Pass
11n(HT20)	CH100	12.12	16.29	250	221	Pass
11n(HT20)	CH116	12.44	17.54	250	221	Pass
11n(HT20)	CH140	12.70	18.62	250	221	Pass
11n(HT40)	CH102	12.74	18.79	250	250	Pass
11n(HT40)	CH118	12.58	18.11	250	250	Pass
11n(HT40)	CH134	12.84	19.23	250	250	Pass
11ac(VHT20)	CH100	12.66	18.45	250	221	Pass
11ac(VHT20)	CH116	12.44	17.54	250	221	Pass
11ac(VHT20)	CH140	12.69	18.58	250	222	Pass
11ac(VHT40)	CH102	12.74	18.79	250	250	Pass
11ac(VHT40)	CH118	12.58	18.11	250	250	Pass
11ac(VHT40)	CH134	12.85	19.28	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.60	11.48	1000	Pass
11a	CH157	10.14	10.33	1000	Pass
11a	CH165	10.57	11.40	1000	Pass
11n(HT20)	CH149	10.76	11.91	1000	Pass
11n(HT20)	CH157	10.29	10.69	1000	Pass
11n(HT20)	CH165	10.23	10.54	1000	Pass
11n(HT40)	CH151	10.87	12.22	1000	Pass
11n(HT40)	CH159	10.50	11.22	1000	Pass
11ac(VHT20)	CH149	10.75	11.89	1000	Pass
11ac(VHT20)	CH157	10.26	10.62	1000	Pass
11ac(VHT20)	CH165	10.22	10.52	1000	Pass
11ac(VHT40)	CH151	10.86	12.19	1000	Pass
11ac(VHT40)	CH159	10.49	11.19	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.81	38.11	164	Pass
11a	CH44	15.32	34.04	164	Pass
11a	CH48	15.32	34.04	164	Pass
11n(HT20)	CH36	15.53	35.73	176	Pass
11n(HT20)	CH44	15.41	34.75	176	Pass
11n(HT20)	CH48	15.41	34.75	176	Pass
11n(HT40)	CH38	15.71	37.24	200	Pass
11n(HT40)	CH46	15.49	35.40	200	Pass
11ac(VHT20)	CH36	15.55	35.89	176	Pass
11ac(VHT20)	CH44	15.45	35.08	176	Pass
11ac(VHT20)	CH48	15.40	34.67	176	Pass
11ac(VHT40)	CH38	15.72	37.33	200	Pass
11ac(VHT40)	CH46	15.49	35.40	200	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	15.94	39.26	822	Pass
11a	CH116	15.72	37.33	822	Pass
11a	CH140	16.00	39.81	823	Pass
11n(HT20)	CH100	15.59	36.22	881	Pass
11n(HT20)	CH116	15.91	38.99	881	Pass
11n(HT20)	CH140	16.17	41.40	882	Pass
11n(HT40)	CH102	16.21	41.78	1000	Pass
11n(HT40)	CH118	16.05	40.27	1000	Pass
11n(HT40)	CH134	16.31	42.76	1000	Pass
11ac(VHT20)	CH100	16.13	41.02	881	Pass
11ac(VHT20)	CH116	15.91	38.99	881	Pass
11ac(VHT20)	CH140	16.16	41.30	882	Pass
11ac(VHT40)	CH102	16.21	41.78	1000	Pass
11ac(VHT40)	CH118	16.05	40.27	1000	Pass
11ac(VHT40)	CH134	16.32	42.85	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	14.19	26.24	Pass
11a	CH157	13.73	23.60	Pass
11a	CH165	14.16	26.06	Pass
11n(HT20)	CH149	14.35	27.23	Pass
11n(HT20)	CH157	13.88	24.43	Pass
11n(HT20)	CH165	13.82	24.10	Pass
11n(HT40)	CH151	14.46	27.93	Pass
11n(HT40)	CH159	14.09	25.64	Pass
11ac(VHT20)	CH149	14.34	27.16	Pass
11ac(VHT20)	CH157	13.85	24.27	Pass
11ac(VHT20)	CH165	13.81	24.04	Pass
11ac(VHT40)	CH151	14.45	27.86	Pass
11ac(VHT40)	CH159	14.08	25.59	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	12.42	17.46	250	Pass
11a	CH44	12.22	16.67	250	Pass
11a	CH48	12.29	16.94	250	Pass
11n(HT20)	CH36	12.59	18.16	250	Pass
11n(HT20)	CH44	12.41	17.42	250	Pass
11n(HT20)	CH48	12.53	17.91	250	Pass
11n(HT40)	CH38	12.80	19.05	250	Pass
11n(HT40)	CH46	12.35	17.18	250	Pass
11ac(VHT20)	CH36	12.60	18.20	250	Pass
11ac(VHT20)	CH44	12.40	17.38	250	Pass
11ac(VHT20)	CH48	12.52	17.86	250	Pass
11ac(VHT40)	CH38	12.30	16.98	250	Pass
11ac(VHT40)	CH46	12.35	17.18	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.71	18.66	250	206	Pass
11a	CH116	12.72	18.71	250	206	Pass
11a	CH140	12.31	17.02	250	207	Pass
11n(HT20)	CH100	12.36	17.22	250	221	Pass
11n(HT20)	CH116	12.38	17.30	250	221	Pass
11n(HT20)	CH140	12.48	17.70	250	221	Pass
11n(HT40)	CH102	12.40	17.38	250	250	Pass
11n(HT40)	CH118	12.30	16.98	250	250	Pass
11n(HT40)	CH134	12.31	17.02	250	250	Pass
11ac(VHT20)	CH100	12.85	19.28	250	221	Pass
11ac(VHT20)	CH116	12.37	17.26	250	221	Pass
11ac(VHT20)	CH140	12.46	17.62	250	222	Pass
11ac(VHT40)	CH102	12.40	17.38	250	250	Pass
11ac(VHT40)	CH118	12.31	17.02	250	250	Pass
11ac(VHT40)	CH134	12.29	16.94	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.35	10.84	1000	Pass
11a	CH157	10.43	11.04	1000	Pass
11a	CH165	10.26	10.62	1000	Pass
11n(HT20)	CH149	10.65	11.61	1000	Pass
11n(HT20)	CH157	10.12	10.28	1000	Pass
11n(HT20)	CH165	10.45	11.09	1000	Pass
11n(HT40)	CH151	10.19	10.45	1000	Pass
11n(HT40)	CH159	10.17	10.40	1000	Pass
11ac(VHT20)	CH149	10.66	11.64	1000	Pass
11ac(VHT20)	CH157	10.14	10.33	1000	Pass
11ac(VHT20)	CH165	10.26	10.62	1000	Pass
11ac(VHT40)	CH151	10.54	11.32	1000	Pass
11ac(VHT40)	CH159	10.50	11.22	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.41	34.75	164	Pass
11a	CH44	15.21	33.19	164	Pass
11a	CH48	15.28	33.73	164	Pass
11n(HT20)	CH36	15.58	36.14	176	Pass
11n(HT20)	CH44	15.40	34.67	176	Pass
11n(HT20)	CH48	15.52	35.65	176	Pass
11n(HT40)	CH38	15.79	37.93	200	Pass
11n(HT40)	CH46	15.34	34.20	200	Pass
11ac(VHT20)	CH36	15.59	36.22	176	Pass
11ac(VHT20)	CH44	15.39	34.59	176	Pass
11ac(VHT20)	CH48	15.51	35.56	176	Pass
11ac(VHT40)	CH38	15.29	33.81	200	Pass
11ac(VHT40)	CH46	15.34	34.20	200	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	16.18	41.50	822	Pass
11a	CH116	16.19	41.59	822	Pass
11a	CH140	15.78	37.84	823	Pass
11n(HT20)	CH100	15.83	38.28	881	Pass
11n(HT20)	CH116	15.85	38.46	881	Pass
11n(HT20)	CH140	15.95	39.36	882	Pass
11n(HT40)	CH102	15.87	38.64	1000	Pass
11n(HT40)	CH118	15.77	37.76	1000	Pass
11n(HT40)	CH134	15.78	37.84	1000	Pass
11ac(VHT20)	CH100	16.32	42.85	881	Pass
11ac(VHT20)	CH116	15.84	38.37	881	Pass
11ac(VHT20)	CH140	15.93	39.17	882	Pass
11ac(VHT40)	CH102	15.87	38.64	1000	Pass
11ac(VHT40)	CH118	15.78	37.84	1000	Pass
11ac(VHT40)	CH134	15.76	37.67	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	13.94	24.77	Pass
11a	CH157	14.02	25.23	Pass
11a	CH165	13.85	24.27	Pass
11n(HT20)	CH149	14.24	26.55	Pass
11n(HT20)	CH157	13.71	23.50	Pass
11n(HT20)	CH165	14.04	25.35	Pass
11n(HT40)	CH151	13.78	23.88	Pass
11n(HT40)	CH159	13.76	23.77	Pass
11ac(VHT20)	CH149	14.25	26.61	Pass
11ac(VHT20)	CH157	13.73	23.60	Pass
11ac(VHT20)	CH165	13.85	24.27	Pass
11ac(VHT40)	CH151	14.13	25.88	Pass
11ac(VHT40)	CH159	14.09	25.64	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	12.54	17.95	1000	Pass
11a	CH44	12.79	19.01	1000	Pass
11a	CH48	12.85	19.28	1000	Pass
11n(HT20)	CH36	12.20	16.60	1000	Pass
11n(HT20)	CH44	12.52	17.86	1000	Pass
11n(HT20)	CH48	12.48	17.70	1000	Pass
11n(HT40)	CH38	12.43	17.50	1000	Pass
11n(HT40)	CH46	12.78	18.97	1000	Pass
11ac(VHT20)	CH36	12.25	16.79	1000	Pass
11ac(VHT20)	CH44	12.54	17.95	1000	Pass
11ac(VHT20)	CH48	12.51	17.82	1000	Pass
11ac(VHT40)	CH38	12.43	17.50	1000	Pass
11ac(VHT40)	CH46	12.80	19.05	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.23	16.71	250	206	Pass
11a	CH116	12.63	18.32	250	206	Pass
11a	CH140	12.85	19.28	250	207	Pass
11n(HT20)	CH100	12.46	17.62	250	221	Pass
11n(HT20)	CH116	12.27	16.87	250	221	Pass
11n(HT20)	CH140	12.49	17.74	250	221	Pass
11n(HT40)	CH102	12.54	17.95	250	250	Pass
11n(HT40)	CH118	12.40	17.38	250	250	Pass
11n(HT40)	CH134	12.64	18.37	250	250	Pass
11ac(VHT20)	CH100	12.47	17.66	250	221	Pass
11ac(VHT20)	CH116	12.27	16.87	250	221	Pass
11ac(VHT20)	CH140	12.49	17.74	250	222	Pass
11ac(VHT40)	CH102	12.52	17.86	250	250	Pass
11ac(VHT40)	CH118	12.37	17.26	250	250	Pass
11ac(VHT40)	CH134	12.60	18.20	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.48	11.17	1000	Pass
11a	CH157	10.37	10.89	1000	Pass
11a	CH165	10.51	11.25	1000	Pass
11n(HT20)	CH149	10.70	11.75	1000	Pass
11n(HT20)	CH157	10.52	11.27	1000	Pass
11n(HT20)	CH165	10.64	11.59	1000	Pass
11n(HT40)	CH151	10.15	10.35	1000	Pass
11n(HT40)	CH159	10.44	11.07	1000	Pass
11ac(VHT20)	CH149	10.70	11.75	1000	Pass
11ac(VHT20)	CH157	10.55	11.35	1000	Pass
11ac(VHT20)	CH165	10.65	11.61	1000	Pass
11ac(VHT40)	CH151	10.16	10.38	1000	Pass
11ac(VHT40)	CH159	10.41	10.99	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.53	35.73	164	Pass
11a	CH44	15.78	37.84	164	Pass
11a	CH48	15.84	38.37	164	Pass
11n(HT20)	CH36	15.19	33.04	176	Pass
11n(HT20)	CH44	15.51	35.56	176	Pass
11n(HT20)	CH48	15.47	35.24	176	Pass
11n(HT40)	CH38	15.42	34.83	200	Pass
11n(HT40)	CH46	15.77	37.76	200	Pass
11ac(VHT20)	CH36	15.24	33.42	176	Pass
11ac(VHT20)	CH44	15.53	35.73	176	Pass
11ac(VHT20)	CH48	15.50	35.48	176	Pass
11ac(VHT40)	CH38	15.42	34.83	200	Pass
11ac(VHT40)	CH46	15.79	37.93	200	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	15.70	37.15	822	Pass
11a	CH116	16.10	40.74	822	Pass
11a	CH140	16.32	42.85	823	Pass
11n(HT20)	CH100	15.93	39.17	881	Pass
11n(HT20)	CH116	15.74	37.50	881	Pass
11n(HT20)	CH140	15.96	39.45	882	Pass
11n(HT40)	CH102	16.01	39.90	1000	Pass
11n(HT40)	CH118	15.87	38.64	1000	Pass
11n(HT40)	CH134	16.11	40.83	1000	Pass
11ac(VHT20)	CH100	15.94	39.26	881	Pass
11ac(VHT20)	CH116	15.74	37.50	881	Pass
11ac(VHT20)	CH140	15.96	39.45	882	Pass
11ac(VHT40)	CH102	15.99	39.72	1000	Pass
11ac(VHT40)	CH118	15.84	38.37	1000	Pass
11ac(VHT40)	CH134	16.07	40.46	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	14.07	25.53	Pass
11a	CH157	13.96	24.89	Pass
11a	CH165	14.10	25.70	Pass
11n(HT20)	CH149	14.29	26.85	Pass
11n(HT20)	CH157	14.11	25.76	Pass
11n(HT20)	CH165	14.23	26.49	Pass
11n(HT40)	CH151	13.74	23.66	Pass
11n(HT40)	CH159	14.03	25.29	Pass
11ac(VHT20)	CH149	14.29	26.85	Pass
11ac(VHT20)	CH157	14.14	25.94	Pass
11ac(VHT20)	CH165	14.24	26.55	Pass
11ac(VHT40)	CH151	13.75	23.71	Pass
11ac(VHT40)	CH159	14.00	25.12	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	12.74	18.79	1000	Pass
11a	CH44	12.82	19.14	1000	Pass
11a	CH48	12.92	19.59	1000	Pass
11n(HT20)	CH36	12.43	17.50	1000	Pass
11n(HT20)	CH44	12.55	17.99	1000	Pass
11n(HT20)	CH48	12.16	16.44	1000	Pass
11n(HT40)	CH38	12.81	19.10	1000	Pass
11n(HT40)	CH46	12.55	17.99	1000	Pass
11ac(VHT20)	CH36	12.48	17.70	1000	Pass
11ac(VHT20)	CH44	12.43	17.50	1000	Pass
11ac(VHT20)	CH48	12.48	17.70	1000	Pass
11ac(VHT40)	CH38	12.85	19.28	1000	Pass
11ac(VHT40)	CH46	12.62	18.28	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.66	18.45	250	206	Pass
11a	CH116	12.16	16.44	250	206	Pass
11a	CH140	12.33	17.10	250	207	Pass
11n(HT20)	CH100	12.32	17.06	250	221	Pass
11n(HT20)	CH116	12.29	16.94	250	221	Pass
11n(HT20)	CH140	12.54	17.95	250	221	Pass
11n(HT40)	CH102	12.25	16.79	250	250	Pass
11n(HT40)	CH118	12.23	16.71	250	250	Pass
11n(HT40)	CH134	12.75	18.84	250	250	Pass
11ac(VHT20)	CH100	12.33	17.10	250	221	Pass
11ac(VHT20)	CH116	12.29	16.94	250	221	Pass
11ac(VHT20)	CH140	12.53	17.91	250	222	Pass
11ac(VHT40)	CH102	12.25	16.79	250	250	Pass
11ac(VHT40)	CH118	12.24	16.75	250	250	Pass
11ac(VHT40)	CH134	12.77	18.92	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.57	11.40	1000	Pass
11a	CH157	10.21	10.50	1000	Pass
11a	CH165	10.51	11.25	1000	Pass
11n(HT20)	CH149	10.62	11.53	1000	Pass
11n(HT20)	CH157	10.27	10.64	1000	Pass
11n(HT20)	CH165	10.13	10.30	1000	Pass
11n(HT40)	CH151	10.74	11.86	1000	Pass
11n(HT40)	CH159	10.55	11.35	1000	Pass
11ac(VHT20)	CH149	10.64	11.59	1000	Pass
11ac(VHT20)	CH157	10.31	10.74	1000	Pass
11ac(VHT20)	CH165	10.15	10.35	1000	Pass
11ac(VHT40)	CH151	10.75	11.89	1000	Pass
11ac(VHT40)	CH159	10.47	11.14	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.73	37.41	164	Pass
11a	CH44	15.81	38.11	164	Pass
11a	CH48	15.91	38.99	164	Pass
11n(HT20)	CH36	15.42	34.83	176	Pass
11n(HT20)	CH44	15.54	35.81	176	Pass
11n(HT20)	CH48	15.15	32.73	176	Pass
11n(HT40)	CH38	15.80	38.02	200	Pass
11n(HT40)	CH46	15.54	35.81	200	Pass
11ac(VHT20)	CH36	15.47	35.24	176	Pass
11ac(VHT20)	CH44	15.42	34.83	176	Pass
11ac(VHT20)	CH48	15.47	35.24	176	Pass
11ac(VHT40)	CH38	15.84	38.37	200	Pass
11ac(VHT40)	CH46	15.61	36.39	200	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	16.13	41.02	822	Pass
11a	CH116	15.63	36.56	822	Pass
11a	CH140	15.80	38.02	823	Pass
11n(HT20)	CH100	15.79	37.93	881	Pass
11n(HT20)	CH116	15.76	37.67	881	Pass
11n(HT20)	CH140	16.01	39.90	882	Pass
11n(HT40)	CH102	15.72	37.33	1000	Pass
11n(HT40)	CH118	15.70	37.15	1000	Pass
11n(HT40)	CH134	16.22	41.88	1000	Pass
11ac(VHT20)	CH100	15.80	38.02	881	Pass
11ac(VHT20)	CH116	15.76	37.67	881	Pass
11ac(VHT20)	CH140	16.00	39.81	882	Pass
11ac(VHT40)	CH102	15.72	37.33	1000	Pass
11ac(VHT40)	CH118	15.71	37.24	1000	Pass
11ac(VHT40)	CH134	16.24	42.07	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	14.16	26.06	Pass
11a	CH157	13.80	23.99	Pass
11a	CH165	14.10	25.70	Pass
11n(HT20)	CH149	14.21	26.36	Pass
11n(HT20)	CH157	13.86	24.32	Pass
11n(HT20)	CH165	13.72	23.55	Pass
11n(HT40)	CH151	14.33	27.10	Pass
11n(HT40)	CH159	14.14	25.94	Pass
11ac(VHT20)	CH149	14.23	26.49	Pass
11ac(VHT20)	CH157	13.90	24.55	Pass
11ac(VHT20)	CH165	13.74	23.66	Pass
11ac(VHT40)	CH151	14.34	27.16	Pass
11ac(VHT40)	CH159	14.06	25.47	Pass

MIMO-A

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	7.14	5.18	250	Pass
11a	CH44	6.45	4.42	250	Pass
11a	CH48	6.54	4.51	250	Pass
11n(HT20)	CH36	6.79	4.78	250	Pass
11n(HT20)	CH44	6.65	4.62	250	Pass
11n(HT20)	CH48	6.21	4.18	250	Pass
11n(HT40)	CH38	6.88	4.88	250	Pass
11n(HT40)	CH46	6.67	4.65	250	Pass
11ac(VHT20)	CH36	6.79	4.78	250	Pass
11ac(VHT20)	CH44	6.65	4.62	250	Pass
11ac(VHT20)	CH48	6.21	4.18	250	Pass
11ac(VHT40)	CH38	6.89	4.89	250	Pass
11ac(VHT40)	CH46	6.68	4.66	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	6.26	4.23	250	206	Pass
11a	CH116	6.93	4.93	250	206	Pass
11a	CH140	6.72	4.70	250	207	Pass
11n(HT20)	CH100	5.89	3.88	250	221	Pass
11n(HT20)	CH116	6.57	4.54	250	221	Pass
11n(HT20)	CH140	6.37	4.34	250	221	Pass
11n(HT40)	CH102	6.03	4.01	250	250	Pass
11n(HT40)	CH118	6.74	4.72	250	250	Pass
11n(HT40)	CH134	6.44	4.41	250	250	Pass
11ac(VHT20)	CH100	5.89	3.88	250	221	Pass
11ac(VHT20)	CH116	6.59	4.56	250	221	Pass
11ac(VHT20)	CH140	6.37	4.34	250	222	Pass
11ac(VHT40)	CH102	6.05	4.03	250	250	Pass
11ac(VHT40)	CH118	6.75	4.73	250	250	Pass
11ac(VHT40)	CH134	6.48	4.45	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	5.00	3.16	1000	Pass
11a	CH157	4.55	2.85	1000	Pass
11a	CH165	4.39	2.75	1000	Pass
11n(HT20)	CH149	4.68	2.94	1000	Pass
11n(HT20)	CH157	4.17	2.61	1000	Pass
11n(HT20)	CH165	4.04	2.54	1000	Pass
11n(HT40)	CH151	4.70	2.95	1000	Pass
11n(HT40)	CH159	4.17	2.61	1000	Pass
11ac(VHT20)	CH149	4.67	2.93	1000	Pass
11ac(VHT20)	CH157	4.17	2.61	1000	Pass
11ac(VHT20)	CH165	4.03	2.53	1000	Pass
11ac(VHT40)	CH151	4.69	2.94	1000	Pass
11ac(VHT40)	CH159	4.18	2.62	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	10.13	10.30	164	Pass
11a	CH44	9.44	8.79	164	Pass
11a	CH48	9.53	8.97	164	Pass
11n(HT20)	CH36	9.78	9.51	176	Pass
11n(HT20)	CH44	9.64	9.20	176	Pass
11n(HT20)	CH48	9.20	8.32	176	Pass
11n(HT40)	CH38	9.87	9.71	200	Pass
11n(HT40)	CH46	9.66	9.25	200	Pass
11ac(VHT20)	CH36	9.78	9.51	176	Pass
11ac(VHT20)	CH44	9.64	9.20	176	Pass
11ac(VHT20)	CH48	9.20	8.32	176	Pass
11ac(VHT40)	CH38	9.88	9.73	200	Pass
11ac(VHT40)	CH46	9.67	9.27	200	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	9.73	9.40	822	Pass
11a	CH116	10.40	10.96	822	Pass
11a	CH140	10.19	10.45	823	Pass
11n(HT20)	CH100	9.36	8.63	881	Pass
11n(HT20)	CH116	10.04	10.09	881	Pass
11n(HT20)	CH140	9.84	9.64	882	Pass
11n(HT40)	CH102	9.50	8.91	1000	Pass
11n(HT40)	CH118	10.21	10.50	1000	Pass
11n(HT40)	CH134	9.91	9.79	1000	Pass
11ac(VHT20)	CH100	9.36	8.63	881	Pass
11ac(VHT20)	CH116	10.06	10.14	881	Pass
11ac(VHT20)	CH140	9.84	9.64	882	Pass
11ac(VHT40)	CH102	9.52	8.95	1000	Pass
11ac(VHT40)	CH118	10.22	10.52	1000	Pass
11ac(VHT40)	CH134	9.95	9.89	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	8.59	7.23	Pass
11a	CH157	8.14	6.52	Pass
11a	CH165	7.98	6.28	Pass
11n(HT20)	CH149	8.27	6.71	Pass
11n(HT20)	CH157	7.76	5.97	Pass
11n(HT20)	CH165	7.63	5.79	Pass
11n(HT40)	CH151	8.29	6.75	Pass
11n(HT40)	CH159	7.76	5.97	Pass
11ac(VHT20)	CH149	8.26	6.70	Pass
11ac(VHT20)	CH157	7.76	5.97	Pass
11ac(VHT20)	CH165	7.62	5.78	Pass
11ac(VHT40)	CH151	8.28	6.73	Pass
11ac(VHT40)	CH159	7.77	5.98	Pass

MIMO-B

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	7.17	5.21	250	Pass
11a	CH44	6.84	4.83	250	Pass
11a	CH48	6.85	4.84	250	Pass
11n(HT20)	CH36	6.81	4.80	250	Pass
11n(HT20)	CH44	6.93	4.93	250	Pass
11n(HT20)	CH48	6.62	4.59	250	Pass
11n(HT40)	CH38	6.90	4.90	250	Pass
11n(HT40)	CH46	6.77	4.75	250	Pass
11ac(VHT20)	CH36	6.77	4.75	250	Pass
11ac(VHT20)	CH44	6.94	4.94	250	Pass
11ac(VHT20)	CH48	6.57	4.54	250	Pass
11ac(VHT40)	CH38	6.92	4.92	250	Pass
11ac(VHT40)	CH46	6.76	4.74	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	6.99	5.00	250	206	Pass
11a	CH116	7.10	5.13	250	206	Pass
11a	CH140	7.37	5.46	250	207	Pass
11n(HT20)	CH100	6.64	4.61	250	221	Pass
11n(HT20)	CH116	6.72	4.70	250	221	Pass
11n(HT20)	CH140	6.96	4.97	250	221	Pass
11n(HT40)	CH102	6.89	4.89	250	250	Pass
11n(HT40)	CH118	6.83	4.82	250	250	Pass
11n(HT40)	CH134	7.43	5.53	250	250	Pass
11ac(VHT20)	CH100	6.66	4.63	250	221	Pass
11ac(VHT20)	CH116	6.73	4.71	250	221	Pass
11ac(VHT20)	CH140	6.99	5.00	250	222	Pass
11ac(VHT40)	CH102	6.90	4.90	250	250	Pass
11ac(VHT40)	CH118	6.87	4.86	250	250	Pass
11ac(VHT40)	CH134	7.44	5.55	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	4.80	3.02	1000	Pass
11a	CH157	4.82	3.03	1000	Pass
11a	CH165	4.61	2.89	1000	Pass
11n(HT20)	CH149	4.44	2.78	1000	Pass
11n(HT20)	CH157	4.54	2.84	1000	Pass
11n(HT20)	CH165	4.32	2.70	1000	Pass
11n(HT40)	CH151	4.60	2.88	1000	Pass
11n(HT40)	CH159	4.58	2.87	1000	Pass
11ac(VHT20)	CH149	4.42	2.77	1000	Pass
11ac(VHT20)	CH157	4.51	2.82	1000	Pass
11ac(VHT20)	CH165	4.32	2.70	1000	Pass
11ac(VHT40)	CH151	4.58	2.87	1000	Pass
11ac(VHT40)	CH159	4.56	2.86	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	10.16	10.38	164	Pass
11a	CH44	9.83	9.62	164	Pass
11a	CH48	9.84	9.64	164	Pass
11n(HT20)	CH36	9.80	9.55	176	Pass
11n(HT20)	CH44	9.92	9.82	176	Pass
11n(HT20)	CH48	9.61	9.14	176	Pass
11n(HT40)	CH38	9.89	9.75	200	Pass
11n(HT40)	CH46	9.76	9.46	200	Pass
11ac(VHT20)	CH36	9.76	9.46	176	Pass
11ac(VHT20)	CH44	9.93	9.84	176	Pass
11ac(VHT20)	CH48	9.56	9.04	176	Pass
11ac(VHT40)	CH38	9.91	9.79	200	Pass
11ac(VHT40)	CH46	9.75	9.44	200	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	10.46	11.12	822	Pass
11a	CH116	10.57	11.40	822	Pass
11a	CH140	10.84	12.13	823	Pass
11n(HT20)	CH100	10.11	10.26	881	Pass
11n(HT20)	CH116	10.19	10.45	881	Pass
11n(HT20)	CH140	10.43	11.04	882	Pass
11n(HT40)	CH102	10.36	10.86	1000	Pass
11n(HT40)	CH118	10.30	10.72	1000	Pass
11n(HT40)	CH134	10.90	12.30	1000	Pass
11ac(VHT20)	CH100	10.13	10.30	881	Pass
11ac(VHT20)	CH116	10.20	10.47	881	Pass
11ac(VHT20)	CH140	10.46	11.12	882	Pass
11ac(VHT40)	CH102	10.37	10.89	1000	Pass
11ac(VHT40)	CH118	10.34	10.81	1000	Pass
11ac(VHT40)	CH134	10.91	12.33	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	8.39	6.90	Pass
11a	CH157	8.41	6.93	Pass
11a	CH165	8.20	6.61	Pass
11n(HT20)	CH149	8.03	6.35	Pass
11n(HT20)	CH157	8.13	6.50	Pass
11n(HT20)	CH165	7.91	6.18	Pass
11n(HT40)	CH151	8.19	6.59	Pass
11n(HT40)	CH159	8.17	6.56	Pass
11ac(VHT20)	CH149	8.01	6.32	Pass
11ac(VHT20)	CH157	8.10	6.46	Pass
11ac(VHT20)	CH165	7.91	6.18	Pass
11ac(VHT40)	CH151	8.17	6.56	Pass
11ac(VHT40)	CH159	8.15	6.53	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	5.34	3.42	1000	Pass
11a	CH44	5.74	3.75	1000	Pass
11a	CH48	6.61	4.58	1000	Pass
11n(HT20)	CH36	5.04	3.19	1000	Pass
11n(HT20)	CH44	5.91	3.90	1000	Pass
11n(HT20)	CH48	6.20	4.17	1000	Pass
11n(HT40)	CH38	5.24	3.34	1000	Pass
11n(HT40)	CH46	6.22	4.19	1000	Pass
11ac(VHT20)	CH36	5.08	3.22	1000	Pass
11ac(VHT20)	CH44	5.89	3.88	1000	Pass
11ac(VHT20)	CH48	6.19	4.16	1000	Pass
11ac(VHT40)	CH38	5.23	3.33	1000	Pass
11ac(VHT40)	CH46	6.24	4.21	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	6.21	4.18	250	206	Pass
11a	CH116	6.27	4.24	250	206	Pass
11a	CH140	5.39	3.46	250	207	Pass
11n(HT20)	CH100	5.83	3.83	250	221	Pass
11n(HT20)	CH116	5.96	3.94	250	221	Pass
11n(HT20)	CH140	5.06	3.21	250	221	Pass
11n(HT40)	CH102	5.83	3.83	250	250	Pass
11n(HT40)	CH118	5.94	3.93	250	250	Pass
11n(HT40)	CH134	4.86	3.06	250	250	Pass
11ac(VHT20)	CH100	5.83	3.83	250	221	Pass
11ac(VHT20)	CH116	5.94	3.93	250	221	Pass
11ac(VHT20)	CH140	5.04	3.19	250	222	Pass
11ac(VHT40)	CH102	5.83	3.83	250	250	Pass
11ac(VHT40)	CH118	5.94	3.93	250	250	Pass
11ac(VHT40)	CH134	4.83	3.04	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	4.98	3.15	1000	Pass
11a	CH157	4.54	2.84	1000	Pass
11a	CH165	3.31	2.14	1000	Pass
11n(HT20)	CH149	4.66	2.92	1000	Pass
11n(HT20)	CH157	4.16	2.61	1000	Pass
11n(HT20)	CH165	2.93	1.96	1000	Pass
11n(HT40)	CH151	4.76	2.99	1000	Pass
11n(HT40)	CH159	4.09	2.56	1000	Pass
11ac(VHT20)	CH149	4.68	2.94	1000	Pass
11ac(VHT20)	CH157	4.24	2.65	1000	Pass
11ac(VHT20)	CH165	2.95	1.97	1000	Pass
11ac(VHT40)	CH151	4.76	2.99	1000	Pass
11ac(VHT40)	CH159	4.10	2.57	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	8.33	6.81	164	Pass
11a	CH44	8.73	7.46	164	Pass
11a	CH48	9.60	9.12	164	Pass
11n(HT20)	CH36	8.03	6.35	176	Pass
11n(HT20)	CH44	8.90	7.76	176	Pass
11n(HT20)	CH48	9.19	8.30	176	Pass
11n(HT40)	CH38	8.23	6.65	200	Pass
11n(HT40)	CH46	9.21	8.34	200	Pass
11ac(VHT20)	CH36	8.07	6.41	176	Pass
11ac(VHT20)	CH44	8.88	7.73	176	Pass
11ac(VHT20)	CH48	9.18	8.28	176	Pass
11ac(VHT40)	CH38	8.22	6.64	200	Pass
11ac(VHT40)	CH46	9.23	8.38	200	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	9.68	9.29	822	Pass
11a	CH116	9.74	9.42	822	Pass
11a	CH140	8.86	7.69	823	Pass
11n(HT20)	CH100	9.30	8.51	881	Pass
11n(HT20)	CH116	9.43	8.77	881	Pass
11n(HT20)	CH140	8.53	7.13	882	Pass
11n(HT40)	CH102	9.30	8.51	1000	Pass
11n(HT40)	CH118	9.41	8.73	1000	Pass
11n(HT40)	CH134	8.33	6.81	1000	Pass
11ac(VHT20)	CH100	9.30	8.51	881	Pass
11ac(VHT20)	CH116	9.41	8.73	881	Pass
11ac(VHT20)	CH140	8.51	7.10	882	Pass
11ac(VHT40)	CH102	9.30	8.51	1000	Pass
11ac(VHT40)	CH118	9.41	8.73	1000	Pass
11ac(VHT40)	CH134	8.30	6.76	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	8.57	7.19	Pass
11a	CH157	8.13	6.50	Pass
11a	CH165	6.90	4.90	Pass
11n(HT20)	CH149	8.25	6.68	Pass
11n(HT20)	CH157	7.75	5.96	Pass
11n(HT20)	CH165	6.52	4.49	Pass
11n(HT40)	CH151	8.35	6.84	Pass
11n(HT40)	CH159	7.68	5.86	Pass
11ac(VHT20)	CH149	8.27	6.71	Pass
11ac(VHT20)	CH157	7.83	6.07	Pass
11ac(VHT20)	CH165	6.54	4.51	Pass
11ac(VHT40)	CH151	8.35	6.84	Pass
11ac(VHT40)	CH159	7.69	5.87	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	6.16	4.13	1000	Pass
11a	CH44	6.55	4.52	1000	Pass
11a	CH48	6.97	4.98	1000	Pass
11n(HT20)	CH36	5.73	3.74	1000	Pass
11n(HT20)	CH44	6.56	4.53	1000	Pass
11n(HT20)	CH48	6.58	4.55	1000	Pass
11n(HT40)	CH38	6.12	4.09	1000	Pass
11n(HT40)	CH46	6.74	4.72	1000	Pass
11ac(VHT20)	CH36	5.72	3.73	1000	Pass
11ac(VHT20)	CH44	6.54	4.51	1000	Pass
11ac(VHT20)	CH48	6.57	4.54	1000	Pass
11ac(VHT40)	CH38	6.10	4.07	1000	Pass
11ac(VHT40)	CH46	6.77	4.75	1000	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	6.88	4.88	250	206	Pass
11a	CH116	6.29	4.26	250	206	Pass
11a	CH140	6.78	4.76	250	207	Pass
11n(HT20)	CH100	6.49	4.46	250	221	Pass
11n(HT20)	CH116	5.97	3.95	250	221	Pass
11n(HT20)	CH140	6.40	4.37	250	221	Pass
11n(HT40)	CH102	6.53	4.50	250	250	Pass
11n(HT40)	CH118	5.96	3.94	250	250	Pass
11n(HT40)	CH134	6.54	4.51	250	250	Pass
11ac(VHT20)	CH100	6.49	4.46	250	221	Pass
11ac(VHT20)	CH116	5.97	3.95	250	221	Pass
11ac(VHT20)	CH140	6.43	4.40	250	222	Pass
11ac(VHT40)	CH102	6.60	4.57	250	250	Pass
11ac(VHT40)	CH118	6.02	4.00	250	250	Pass
11ac(VHT40)	CH134	6.60	4.57	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	3.26	2.12	1000	Pass
11a	CH157	2.43	1.75	1000	Pass
11a	CH165	1.36	1.37	1000	Pass
11n(HT20)	CH149	2.76	1.89	1000	Pass
11n(HT20)	CH157	1.89	1.55	1000	Pass
11n(HT20)	CH165	1.12	1.29	1000	Pass
11n(HT40)	CH151	2.73	1.87	1000	Pass
11n(HT40)	CH159	1.78	1.51	1000	Pass
11ac(VHT20)	CH149	2.76	1.89	1000	Pass
11ac(VHT20)	CH157	1.88	1.54	1000	Pass
11ac(VHT20)	CH165	1.13	1.30	1000	Pass
11ac(VHT40)	CH151	2.73	1.87	1000	Pass
11ac(VHT40)	CH159	1.79	1.51	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	9.15	8.22	164	Pass
11a	CH44	9.54	8.99	164	Pass
11a	CH48	9.96	9.91	164	Pass
11n(HT20)	CH36	8.72	7.45	176	Pass
11n(HT20)	CH44	9.55	9.02	176	Pass
11n(HT20)	CH48	9.57	9.06	176	Pass
11n(HT40)	CH38	9.11	8.15	200	Pass
11n(HT40)	CH46	9.73	9.40	200	Pass
11ac(VHT20)	CH36	8.71	7.43	176	Pass
11ac(VHT20)	CH44	9.53	8.97	176	Pass
11ac(VHT20)	CH48	9.56	9.04	176	Pass
11ac(VHT40)	CH38	9.09	8.11	200	Pass
11ac(VHT40)	CH46	9.76	9.46	200	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	10.35	10.84	822	Pass
11a	CH116	9.76	9.46	822	Pass
11a	CH140	10.25	10.59	823	Pass
11n(HT20)	CH100	9.96	9.91	881	Pass
11n(HT20)	CH116	9.44	8.79	881	Pass
11n(HT20)	CH140	9.87	9.71	882	Pass
11n(HT40)	CH102	10.00	10.00	1000	Pass
11n(HT40)	CH118	9.43	8.77	1000	Pass
11n(HT40)	CH134	10.01	10.02	1000	Pass
11ac(VHT20)	CH100	9.96	9.91	881	Pass
11ac(VHT20)	CH116	9.44	8.79	881	Pass
11ac(VHT20)	CH140	9.90	9.77	882	Pass
11ac(VHT40)	CH102	10.07	10.16	1000	Pass
11ac(VHT40)	CH118	9.49	8.89	1000	Pass
11ac(VHT40)	CH134	10.07	10.16	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	6.85	4.84	Pass
11a	CH157	6.02	4.00	Pass
11a	CH165	4.95	3.13	Pass
11n(HT20)	CH149	6.35	4.32	Pass
11n(HT20)	CH157	5.48	3.53	Pass
11n(HT20)	CH165	4.71	2.96	Pass
11n(HT40)	CH151	6.32	4.29	Pass
11n(HT40)	CH159	5.37	3.44	Pass
11ac(VHT20)	CH149	6.35	4.32	Pass
11ac(VHT20)	CH157	5.47	3.52	Pass
11ac(VHT20)	CH165	4.72	2.96	Pass
11ac(VHT40)	CH151	6.32	4.29	Pass
11ac(VHT40)	CH159	5.38	3.45	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	12.54	17.95	250	Pass
11a	CH44	12.44	17.54	250	Pass
11a	CH48	12.77	18.92	250	Pass
11n(HT20)	CH36	12.17	16.48	250	Pass
11n(HT20)	CH44	12.55	17.99	250	Pass
11n(HT20)	CH48	12.42	17.46	250	Pass
11n(HT40)	CH38	12.36	17.22	250	Pass
11n(HT40)	CH46	12.63	18.32	250	Pass
11ac(VHT20)	CH36	12.17	16.48	250	Pass
11ac(VHT20)	CH44	12.54	17.95	250	Pass
11ac(VHT20)	CH48	12.41	17.42	250	Pass
11ac(VHT40)	CH38	12.36	17.22	250	Pass
11ac(VHT40)	CH46	12.64	18.37	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.62	18.28	250	206	Pass
11a	CH116	12.69	18.58	250	206	Pass
11a	CH140	12.65	18.41	250	207	Pass
11n(HT20)	CH100	12.25	16.79	250	221	Pass
11n(HT20)	CH116	12.34	17.14	250	221	Pass
11n(HT20)	CH140	12.27	16.87	250	221	Pass
11n(HT40)	CH102	12.36	17.22	250	250	Pass
11n(HT40)	CH118	12.41	17.42	250	250	Pass
11n(HT40)	CH134	12.43	17.50	250	250	Pass
11ac(VHT20)	CH100	12.25	16.79	250	221	Pass
11ac(VHT20)	CH116	12.34	17.14	250	221	Pass
11ac(VHT20)	CH140	12.28	16.90	250	222	Pass
11ac(VHT40)	CH102	12.39	17.34	250	250	Pass
11ac(VHT40)	CH118	12.43	17.50	250	250	Pass
11ac(VHT40)	CH134	12.46	17.62	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.59	11.46	1000	Pass
11a	CH157	10.21	10.50	1000	Pass
11a	CH165	9.62	9.16	1000	Pass
11n(HT20)	CH149	10.22	10.52	1000	Pass
11n(HT20)	CH157	9.82	9.59	1000	Pass
11n(HT20)	CH165	9.29	8.49	1000	Pass
11n(HT40)	CH151	10.29	10.69	1000	Pass
11n(HT40)	CH159	9.80	9.55	1000	Pass
11ac(VHT20)	CH149	10.22	10.52	1000	Pass
11ac(VHT20)	CH157	9.84	9.64	1000	Pass
11ac(VHT20)	CH165	9.29	8.49	1000	Pass
11ac(VHT40)	CH151	10.29	10.69	1000	Pass
11ac(VHT40)	CH159	9.80	9.55	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	15.53	35.71	164	Pass
11a	CH44	15.42	34.87	164	Pass
11a	CH48	15.76	37.64	164	Pass
11n(HT20)	CH36	15.17	32.86	176	Pass
11n(HT20)	CH44	15.54	35.80	176	Pass
11n(HT20)	CH48	15.42	34.81	176	Pass
11n(HT40)	CH38	15.35	34.25	200	Pass
11n(HT40)	CH46	15.62	36.44	200	Pass
11ac(VHT20)	CH36	15.16	32.81	176	Pass
11ac(VHT20)	CH44	15.53	35.75	176	Pass
11ac(VHT20)	CH48	15.40	34.67	176	Pass
11ac(VHT40)	CH38	15.35	34.27	200	Pass
11ac(VHT40)	CH46	15.63	36.55	200	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	16.09	40.64	822	Pass
11a	CH116	16.15	41.25	822	Pass
11a	CH140	16.11	40.86	823	Pass
11n(HT20)	CH100	15.72	37.31	881	Pass
11n(HT20)	CH116	15.81	38.10	881	Pass
11n(HT20)	CH140	15.74	37.51	882	Pass
11n(HT40)	CH102	15.83	38.29	1000	Pass
11n(HT40)	CH118	15.88	38.71	1000	Pass
11n(HT40)	CH134	15.90	38.93	1000	Pass
11ac(VHT20)	CH100	15.72	37.35	881	Pass
11ac(VHT20)	CH116	15.81	38.13	881	Pass
11ac(VHT20)	CH140	15.75	37.62	882	Pass
11ac(VHT40)	CH102	15.86	38.52	1000	Pass
11ac(VHT40)	CH118	15.91	38.96	1000	Pass
11ac(VHT40)	CH134	15.93	39.14	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	14.18	26.17	Pass
11a	CH157	13.79	23.95	Pass
11a	CH165	13.20	20.91	Pass
11n(HT20)	CH149	13.81	24.07	Pass
11n(HT20)	CH157	13.42	21.96	Pass
11n(HT20)	CH165	12.88	19.42	Pass
11n(HT40)	CH151	13.88	24.46	Pass
11n(HT40)	CH159	13.39	21.84	Pass
11ac(VHT20)	CH149	13.81	24.05	Pass
11ac(VHT20)	CH157	13.43	22.02	Pass
11ac(VHT20)	CH165	12.89	19.43	Pass
11ac(VHT40)	CH151	13.88	24.42	Pass
11ac(VHT40)	CH159	13.39	21.84	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2640004-602 Data Part 1.pdf”.

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

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.14	16.38
11a	CH44	20.25	16.39
11a	CH48	20.24	16.39
11n(HT20)	CH36	20.89	17.58
11n(HT20)	CH44	20.89	17.58
11n(HT20)	CH48	20.94	17.59
11n(HT40)	CH38	40.22	35.95
11n(HT40)	CH46	40.12	35.91
11ac(VHT20)	CH36	20.86	17.58
11ac(VHT20)	CH44	21.04	17.58
11ac(VHT20)	CH48	21.26	17.57
11ac(VHT40)	CH38	40.15	35.92
11ac(VHT40)	CH46	40.15	35.90

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.26	16.39
11a	CH116	20.16	16.40
11a	CH140	20.16	16.41
11n(HT20)	CH100	20.88	17.58
11n(HT20)	CH116	20.98	17.59
11n(HT20)	CH140	20.98	17.59
11n(HT40)	CH102	40.31	35.92
11n(HT40)	CH118	40.16	35.92
11n(HT40)	CH134	40.31	35.94
11ac(VHT20)	CH100	20.92	17.59
11ac(VHT20)	CH116	20.93	17.59
11ac(VHT20)	CH140	20.70	17.60
11ac(VHT40)	CH102	40.29	35.96
11ac(VHT40)	CH118	40.24	35.96
11ac(VHT40)	CH134	40.19	35.93

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.35	16.40
11a	CH157	20.31	16.41
11a	CH165	20.26	16.41
11n(HT20)	CH149	20.97	17.59
11n(HT20)	CH157	21.11	17.61
11n(HT20)	CH165	21.07	17.59
11n(HT40)	CH151	40.16	35.94
11n(HT40)	CH159	40.33	35.96
11ac(VHT20)	CH149	21.08	17.59
11ac(VHT20)	CH157	21.01	17.58
11ac(VHT20)	CH165	21.06	17.59
11ac(VHT40)	CH151	40.20	35.94
11ac(VHT40)	CH159	40.32	35.94

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2640004-602 Data Part 2.pdf”.

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

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n(HT20)	CH149	17.80	500.00	Pass
11n(HT20)	CH157	17.10	500.00	Pass
11n(HT20)	CH165	17.80	500.00	Pass
11n(HT40)	CH151	35.20	500.00	Pass
11n(HT40)	CH159	35.10	500.00	Pass
11ac(VHT20)	CH149	17.80	500.00	Pass
11ac(VHT20)	CH157	17.80	500.00	Pass
11ac(VHT20)	CH165	17.80	500.00	Pass
11ac(VHT40)	CH151	35.20	500.00	Pass
11ac(VHT40)	CH159	35.60	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2640004-602 Data Part 3.pdf”.

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

Test Data

SISO-ANT-A

U-NII-1 (5150 - 5250 MHz)						
Note ¹ : Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.						
Note ² : The total PSD method used the sum spectra maxima across the outputs.						
Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.26	0.14	1.40	11.00	Pass
11a	CH44	0.79	0.14	0.93	11.00	Pass
11a	CH48	0.76	0.14	0.90	11.00	Pass
11n(HT20)	CH36	0.74	0.06	0.80	11.00	Pass
11n(HT20)	CH44	0.72	0.06	0.78	11.00	Pass
11n(HT20)	CH48	0.73	0.06	0.79	11.00	Pass
11n(HT40)	CH38	-1.92	0.12	-1.80	11.00	Pass
11n(HT40)	CH46	-1.95	0.12	-1.83	11.00	Pass
11ac(VHT20)	CH36	0.77	0.06	0.82	11.00	Pass
11ac(VHT20)	CH44	0.73	0.06	0.79	11.00	Pass
11ac(VHT20)	CH48	0.78	0.06	0.83	11.00	Pass
11ac(VHT40)	CH38	-1.88	0.12	-1.76	11.00	Pass
11ac(VHT40)	CH46	-2.03	0.12	-1.91	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	0.74	0.14	0.88	11.00	11.00	Pass
11a	CH116	0.48	0.14	0.62	11.00	11.00	Pass
11a	CH140	0.94	0.14	1.09	11.00	11.00	Pass
11n(HT20)	CH100	0.16	0.06	0.22	11.00	11.00	Pass
11n(HT20)	CH116	0.46	0.06	0.51	11.00	11.00	Pass
11n(HT20)	CH140	0.88	0.06	0.94	11.00	11.00	Pass
11n(HT40)	CH102	-2.05	0.12	-1.93	11.00	11.00	Pass
11n(HT40)	CH118	-2.20	0.12	-2.08	11.00	11.00	Pass
11n(HT40)	CH134	-1.76	0.12	-1.64	11.00	11.00	Pass
11ac(VHT20)	CH100	0.71	0.06	0.76	11.00	11.00	Pass
11ac(VHT20)	CH116	0.49	0.06	0.54	11.00	11.00	Pass
11ac(VHT20)	CH140	0.88	0.06	0.93	11.00	11.00	Pass
11ac(VHT40)	CH102	-2.04	0.12	-1.92	11.00	11.00	Pass
11ac(VHT40)	CH118	-2.21	0.12	-2.10	11.00	11.00	Pass
11ac(VHT40)	CH134	-1.81	0.12	-1.69	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-3.86	0.14	-3.71	30.00	11.00	Pass
11a	CH157	-4.23	0.14	-4.08	30.00	11.00	Pass
11a	CH165	-3.90	0.14	-3.75	30.00	11.00	Pass
11n(HT20)	CH149	-3.88	0.06	-3.82	30.00	11.00	Pass
11n(HT20)	CH157	-4.27	0.06	-4.21	30.00	11.00	Pass
11n(HT20)	CH165	-4.45	0.06	-4.40	30.00	11.00	Pass
11n(HT40)	CH151	-6.64	0.12	-6.52	30.00	11.00	Pass
11n(HT40)	CH159	-6.87	0.12	-6.75	30.00	11.00	Pass
11ac(VHT20)	CH149	-3.89	0.06	-3.83	30.00	11.00	Pass
11ac(VHT20)	CH157	-4.31	0.06	-4.25	30.00	11.00	Pass
11ac(VHT20)	CH165	-4.46	0.06	-4.40	30.00	11.00	Pass
11ac(VHT40)	CH151	-6.60	0.12	-6.48	30.00	11.00	Pass
11ac(VHT40)	CH159	-6.89	0.12	-6.78	30.00	11.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	4.39	10.00	Pass
11a	CH44	3.92	10.00	Pass
11a	CH48	3.89	10.00	Pass
11n(HT20)	CH36	3.79	10.00	Pass
11n(HT20)	CH44	3.77	10.00	Pass
11n(HT20)	CH48	3.78	10.00	Pass
11n(HT40)	CH38	1.19	10.00	Pass
11n(HT40)	CH46	1.16	10.00	Pass
11ac(VHT20)	CH36	3.81	10.00	Pass
11ac(VHT20)	CH44	3.78	10.00	Pass
11ac(VHT20)	CH48	3.82	10.00	Pass
11ac(VHT40)	CH38	1.23	10.00	Pass
11ac(VHT40)	CH46	1.08	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	4.47	Pass
11a	CH116	4.21	Pass
11a	CH140	4.68	Pass
11n(HT20)	CH100	3.81	Pass
11n(HT20)	CH116	4.10	Pass
11n(HT20)	CH140	4.53	Pass
11n(HT40)	CH102	1.66	Pass
11n(HT40)	CH118	1.51	Pass
11n(HT40)	CH134	1.95	Pass
11ac(VHT20)	CH100	4.35	Pass
11ac(VHT20)	CH116	4.13	Pass
11ac(VHT20)	CH140	4.52	Pass
11ac(VHT40)	CH102	1.67	Pass
11ac(VHT40)	CH118	1.49	Pass
11ac(VHT40)	CH134	1.90	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-0.99	Pass
11a	CH157	-1.36	Pass
11a	CH165	-1.03	Pass
11n(HT20)	CH149	-1.10	Pass
11n(HT20)	CH157	-1.49	Pass
11n(HT20)	CH165	-1.68	Pass
11n(HT40)	CH151	-3.80	Pass
11n(HT40)	CH159	-4.03	Pass
11ac(VHT20)	CH149	-1.11	Pass
11ac(VHT20)	CH157	-1.53	Pass
11ac(VHT20)	CH165	-1.68	Pass
11ac(VHT40)	CH151	-3.76	Pass
11ac(VHT40)	CH159	-4.06	Pass

SISO-ANT-B

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	0.79	0.14	0.93	11.00	Pass
11a	CH44	0.76	0.14	0.90	11.00	Pass
11a	CH48	0.84	0.14	0.98	11.00	Pass
11n(HT20)	CH36	0.75	0.06	0.81	11.00	Pass
11n(HT20)	CH44	0.67	0.06	0.73	11.00	Pass
11n(HT20)	CH48	0.84	0.06	0.89	11.00	Pass
11n(HT40)	CH38	-1.79	0.12	-1.67	11.00	Pass
11n(HT40)	CH46	-2.15	0.12	-2.03	11.00	Pass
11ac(VHT20)	CH36	0.76	0.06	0.82	11.00	Pass
11ac(VHT20)	CH44	0.65	0.06	0.71	11.00	Pass
11ac(VHT20)	CH48	0.82	0.06	0.87	11.00	Pass
11ac(VHT40)	CH38	-2.33	0.12	-2.21	11.00	Pass
11ac(VHT40)	CH46	-2.18	0.12	-2.06	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	1.01	0.14	1.15	11.00	11.00	Pass
11a	CH116	1.03	0.14	1.18	11.00	11.00	Pass
11a	CH140	0.71	0.14	0.86	11.00	11.00	Pass
11n(HT20)	CH100	0.46	0.06	0.52	11.00	11.00	Pass
11n(HT20)	CH116	0.46	0.06	0.51	11.00	11.00	Pass
11n(HT20)	CH140	0.63	0.06	0.69	11.00	11.00	Pass
11n(HT40)	CH102	-2.37	0.12	-2.25	11.00	11.00	Pass
11n(HT40)	CH118	-2.46	0.12	-2.34	11.00	11.00	Pass
11n(HT40)	CH134	-2.35	0.12	-2.23	11.00	11.00	Pass
11ac(VHT20)	CH100	0.99	0.06	1.05	11.00	11.00	Pass
11ac(VHT20)	CH116	0.41	0.06	0.46	11.00	11.00	Pass
11ac(VHT20)	CH140	0.68	0.06	0.74	11.00	11.00	Pass
11ac(VHT40)	CH102	-2.35	0.12	-2.23	11.00	11.00	Pass
11ac(VHT40)	CH118	-2.43	0.12	-2.31	11.00	11.00	Pass
11ac(VHT40)	CH134	-2.32	0.12	-2.20	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-3.99	0.14	-3.85	30.00	11.00	Pass
11a	CH157	-3.92	0.14	-3.78	30.00	11.00	Pass
11a	CH165	-4.16	0.14	-4.01	30.00	11.00	Pass
11n(HT20)	CH149	-3.93	0.06	-3.87	30.00	11.00	Pass
11n(HT20)	CH157	-4.50	0.06	-4.44	30.00	11.00	Pass
11n(HT20)	CH165	-4.22	0.06	-4.16	30.00	11.00	Pass
11n(HT40)	CH151	-7.24	0.12	-7.13	30.00	11.00	Pass
11n(HT40)	CH159	-7.28	0.12	-7.16	30.00	11.00	Pass
11ac(VHT20)	CH149	-3.96	0.06	-3.90	30.00	11.00	Pass
11ac(VHT20)	CH157	-4.55	0.06	-4.49	30.00	11.00	Pass
11ac(VHT20)	CH165	-4.24	0.06	-4.18	30.00	11.00	Pass
11ac(VHT40)	CH151	-6.86	0.12	-6.75	30.00	11.00	Pass
11ac(VHT40)	CH159	-6.90	0.12	-6.78	30.00	11.00	Pass

E.I.R.P

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	3.92	10.00	Pass
11a	CH44	3.89	10.00	Pass
11a	CH48	3.97	10.00	Pass
11n(HT20)	CH36	3.80	10.00	Pass
11n(HT20)	CH44	3.72	10.00	Pass
11n(HT20)	CH48	3.88	10.00	Pass
11n(HT40)	CH38	1.32	10.00	Pass
11n(HT40)	CH46	0.96	10.00	Pass
11ac(VHT20)	CH36	3.81	10.00	Pass
11ac(VHT20)	CH44	3.70	10.00	Pass
11ac(VHT20)	CH48	3.86	10.00	Pass
11ac(VHT40)	CH38	0.78	10.00	Pass
11ac(VHT40)	CH46	0.93	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	4.74	Pass
11a	CH116	4.77	Pass
11a	CH140	4.45	Pass
11n(HT20)	CH100	4.11	Pass
11n(HT20)	CH116	4.10	Pass
11n(HT20)	CH140	4.28	Pass
11n(HT40)	CH102	1.34	Pass
11n(HT40)	CH118	1.25	Pass
11n(HT40)	CH134	1.36	Pass
11ac(VHT20)	CH100	4.64	Pass
11ac(VHT20)	CH116	4.05	Pass
11ac(VHT20)	CH140	4.33	Pass
11ac(VHT40)	CH102	1.36	Pass
11ac(VHT40)	CH118	1.28	Pass
11ac(VHT40)	CH134	1.39	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-1.13	Pass
11a	CH157	-1.06	Pass
11a	CH165	-1.29	Pass
11n(HT20)	CH149	-1.15	Pass
11n(HT20)	CH157	-1.72	Pass
11n(HT20)	CH165	-1.44	Pass
11n(HT40)	CH151	-4.41	Pass
11n(HT40)	CH159	-4.44	Pass
11ac(VHT20)	CH149	-1.18	Pass
11ac(VHT20)	CH157	-1.77	Pass
11ac(VHT20)	CH165	-1.46	Pass
11ac(VHT40)	CH151	-4.03	Pass
11ac(VHT40)	CH159	-4.06	Pass

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U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.02	0.14	1.16	11.00	Pass
11a	CH44	1.41	0.14	1.56	11.00	Pass
11a	CH48	1.44	0.14	1.59	11.00	Pass
11n(HT20)	CH36	0.42	0.06	0.48	11.00	Pass
11n(HT20)	CH44	0.87	0.06	0.92	11.00	Pass
11n(HT20)	CH48	0.91	0.06	0.97	11.00	Pass
11n(HT40)	CH38	-2.21	0.12	-2.09	11.00	Pass
11n(HT40)	CH46	-1.63	0.12	-1.51	11.00	Pass
11ac(VHT20)	CH36	0.48	0.06	0.53	11.00	Pass
11ac(VHT20)	CH44	0.87	0.06	0.92	11.00	Pass
11ac(VHT20)	CH48	0.91	0.06	0.96	11.00	Pass
11ac(VHT40)	CH38	-2.23	0.12	-2.11	11.00	Pass
11ac(VHT40)	CH46	-1.66	0.12	-1.54	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	0.56	0.14	0.71	11.00	11.00	Pass
11a	CH116	1.03	0.14	1.18	11.00	11.00	Pass
11a	CH140	1.36	0.14	1.50	12.00	11.00	Pass
11n(HT20)	CH100	0.60	0.06	0.66	12.00	11.00	Pass
11n(HT20)	CH116	0.41	0.06	0.47	13.00	11.00	Pass
11n(HT20)	CH140	0.78	0.06	0.84	13.00	11.00	Pass
11n(HT40)	CH102	-2.08	0.12	-1.97	14.00	11.00	Pass
11n(HT40)	CH118	-2.21	0.12	-2.09	14.00	11.00	Pass
11n(HT40)	CH134	-1.96	0.12	-1.84	15.00	11.00	Pass
11ac(VHT20)	CH100	0.60	0.06	0.65	15.00	11.00	Pass
11ac(VHT20)	CH116	0.42	0.06	0.47	16.00	11.00	Pass
11ac(VHT20)	CH140	0.76	0.06	0.82	16.00	11.00	Pass
11ac(VHT40)	CH102	-2.07	0.12	-1.95	17.00	11.00	Pass
11ac(VHT40)	CH118	-2.34	0.12	-2.22	17.00	11.00	Pass
11ac(VHT40)	CH134	-1.95	0.12	-1.83	18.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-3.76	0.14	-3.62	30.00	11.00	Pass
11a	CH157	-4.02	0.14	-3.87	30.00	11.00	Pass
11a	CH165	-3.88	0.14	-3.73	30.00	11.00	Pass
11n(HT20)	CH149	-3.85	0.06	-3.80	30.00	11.00	Pass
11n(HT20)	CH157	-4.06	0.06	-4.00	30.00	11.00	Pass
11n(HT20)	CH165	-3.92	0.06	-3.86	30.00	11.00	Pass
11n(HT40)	CH151	-7.32	0.12	-7.21	30.00	11.00	Pass
11n(HT40)	CH159	-7.02	0.12	-6.90	30.00	11.00	Pass
11ac(VHT20)	CH149	-3.89	0.06	-3.84	30.00	11.00	Pass
11ac(VHT20)	CH157	-4.06	0.06	-4.00	30.00	11.00	Pass
11ac(VHT20)	CH165	-4.00	0.06	-3.94	30.00	11.00	Pass
11ac(VHT40)	CH151	-7.23	0.12	-7.11	30.00	11.00	Pass
11ac(VHT40)	CH159	-6.86	0.12	-6.74	30.00	11.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	4.15	10.00	Pass
11a	CH44	4.55	10.00	Pass
11a	CH48	4.58	10.00	Pass
11n(HT20)	CH36	3.47	10.00	Pass
11n(HT20)	CH44	3.91	10.00	Pass
11n(HT20)	CH48	3.96	10.00	Pass
11n(HT40)	CH38	0.90	10.00	Pass
11n(HT40)	CH46	1.48	10.00	Pass
11ac(VHT20)	CH36	3.52	10.00	Pass
11ac(VHT20)	CH44	3.91	10.00	Pass
11ac(VHT20)	CH48	3.95	10.00	Pass
11ac(VHT40)	CH38	0.88	10.00	Pass
11ac(VHT40)	CH46	1.45	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	4.30	Pass
11a	CH116	4.77	Pass
11a	CH140	5.09	Pass
11n(HT20)	CH100	4.25	Pass
11n(HT20)	CH116	4.06	Pass
11n(HT20)	CH140	4.43	Pass
11n(HT40)	CH102	1.62	Pass
11n(HT40)	CH118	1.50	Pass
11n(HT40)	CH134	1.75	Pass
11ac(VHT20)	CH100	4.24	Pass
11ac(VHT20)	CH116	4.06	Pass
11ac(VHT20)	CH140	4.41	Pass
11ac(VHT40)	CH102	1.64	Pass
11ac(VHT40)	CH118	1.37	Pass
11ac(VHT40)	CH134	1.76	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-0.90	Pass
11a	CH157	-1.15	Pass
11a	CH165	-1.01	Pass
11n(HT20)	CH149	-1.08	Pass
11n(HT20)	CH157	-1.28	Pass
11n(HT20)	CH165	-1.14	Pass
11n(HT40)	CH151	-4.49	Pass
11n(HT40)	CH159	-4.18	Pass
11ac(VHT20)	CH149	-1.12	Pass
11ac(VHT20)	CH157	-1.28	Pass
11ac(VHT20)	CH165	-1.22	Pass
11ac(VHT40)	CH151	-4.39	Pass
11ac(VHT40)	CH159	-4.02	Pass

SISO-ANT-D

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.09	0.14	1.23	11.00	Pass
11a	CH44	1.26	0.14	1.40	11.00	Pass
11a	CH48	1.38	0.14	1.52	11.00	Pass
11n(HT20)	CH36	0.63	0.06	0.69	11.00	Pass
11n(HT20)	CH44	0.72	0.06	0.78	11.00	Pass
11n(HT20)	CH48	0.33	0.06	0.39	11.00	Pass
11n(HT40)	CH38	-1.83	0.12	-1.71	11.00	Pass
11n(HT40)	CH46	-1.96	0.12	-1.84	11.00	Pass
11ac(VHT20)	CH36	0.70	0.06	0.76	11.00	Pass
11ac(VHT20)	CH44	0.74	0.06	0.80	11.00	Pass
11ac(VHT20)	CH48	0.76	0.06	0.81	11.00	Pass
11ac(VHT40)	CH38	-1.75	0.12	-1.63	11.00	Pass
11ac(VHT40)	CH46	-1.96	0.12	-1.84	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	0.95	0.14	1.09	11.00	11.00	Pass
11a	CH116	0.48	0.14	0.62	11.00	11.00	Pass
11a	CH140	0.73	0.14	0.87	12.00	11.00	Pass
11n(HT20)	CH100	0.37	0.06	0.43	12.00	11.00	Pass
11n(HT20)	CH116	0.34	0.06	0.39	13.00	11.00	Pass
11n(HT20)	CH140	0.73	0.06	0.79	13.00	11.00	Pass
11n(HT40)	CH102	-2.56	0.12	-2.44	14.00	11.00	Pass
11n(HT40)	CH118	-2.61	0.12	-2.49	14.00	11.00	Pass
11n(HT40)	CH134	-1.99	0.12	-1.87	15.00	11.00	Pass
11ac(VHT20)	CH100	0.40	0.06	0.46	15.00	11.00	Pass
11ac(VHT20)	CH116	0.30	0.06	0.35	16.00	11.00	Pass
11ac(VHT20)	CH140	0.74	0.06	0.80	16.00	11.00	Pass
11ac(VHT40)	CH102	-2.50	0.12	-2.38	17.00	11.00	Pass
11ac(VHT40)	CH118	-2.59	0.12	-2.47	17.00	11.00	Pass
11ac(VHT40)	CH134	-1.95	0.12	-1.83	18.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-3.81	0.14	-3.66	30.00	11.00	Pass
11a	CH157	-4.14	0.14	-3.99	30.00	11.00	Pass
11a	CH165	-3.88	0.14	-3.74	30.00	11.00	Pass
11n(HT20)	CH149	-3.92	0.06	-3.86	30.00	11.00	Pass
11n(HT20)	CH157	-4.27	0.06	-4.21	30.00	11.00	Pass
11n(HT20)	CH165	-4.50	0.06	-4.44	30.00	11.00	Pass
11n(HT40)	CH151	-6.63	0.12	-6.51	30.00	11.00	Pass
11n(HT40)	CH159	-6.91	0.12	-6.79	30.00	11.00	Pass
11ac(VHT20)	CH149	-3.95	0.06	-3.90	30.00	11.00	Pass
11ac(VHT20)	CH157	-4.39	0.06	-4.34	30.00	11.00	Pass
11ac(VHT20)	CH165	-4.56	0.06	-4.50	30.00	11.00	Pass
11ac(VHT40)	CH151	-6.78	0.12	-6.66	30.00	11.00	Pass
11ac(VHT40)	CH159	-7.02	0.12	-6.90	30.00	11.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	4.22	10.00	Pass
11a	CH44	4.39	10.00	Pass
11a	CH48	4.51	10.00	Pass
11n(HT20)	CH36	3.68	10.00	Pass
11n(HT20)	CH44	3.77	10.00	Pass
11n(HT20)	CH48	3.38	10.00	Pass
11n(HT40)	CH38	1.28	10.00	Pass
11n(HT40)	CH46	1.15	10.00	Pass
11ac(VHT20)	CH36	3.75	10.00	Pass
11ac(VHT20)	CH44	3.79	10.00	Pass
11ac(VHT20)	CH48	3.80	10.00	Pass
11ac(VHT40)	CH38	1.36	10.00	Pass
11ac(VHT40)	CH46	1.15	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	4.68	Pass
11a	CH116	4.21	Pass
11a	CH140	4.46	Pass
11n(HT20)	CH100	4.02	Pass
11n(HT20)	CH116	3.98	Pass
11n(HT20)	CH140	4.38	Pass
11n(HT40)	CH102	1.15	Pass
11n(HT40)	CH118	1.10	Pass
11n(HT40)	CH134	1.72	Pass
11ac(VHT20)	CH100	4.05	Pass
11ac(VHT20)	CH116	3.94	Pass
11ac(VHT20)	CH140	4.39	Pass
11ac(VHT40)	CH102	1.21	Pass
11ac(VHT40)	CH118	1.12	Pass
11ac(VHT40)	CH134	1.76	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-0.94	Pass
11a	CH157	-1.27	Pass
11a	CH165	-1.02	Pass
11n(HT20)	CH149	-1.14	Pass
11n(HT20)	CH157	-1.49	Pass
11n(HT20)	CH165	-1.72	Pass
11n(HT40)	CH151	-3.79	Pass
11n(HT40)	CH159	-4.07	Pass
11ac(VHT20)	CH149	-1.18	Pass
11ac(VHT20)	CH157	-1.62	Pass
11ac(VHT20)	CH165	-1.78	Pass
11ac(VHT40)	CH151	-3.94	Pass
11ac(VHT40)	CH159	-4.18	Pass

MIMO-A

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-4.28	0.14	-4.14	11.00	Pass
11a	CH44	-4.81	0.14	-4.67	11.00	Pass
11a	CH48	-4.70	0.14	-4.55	11.00	Pass
11n(HT20)	CH36	-4.86	0.06	-4.80	11.00	Pass
11n(HT20)	CH44	-4.82	0.06	-4.76	11.00	Pass
11n(HT20)	CH48	-5.19	0.06	-5.13	11.00	Pass
11n(HT40)	CH38	-7.58	0.12	-7.46	11.00	Pass
11n(HT40)	CH46	-7.60	0.12	-7.48	11.00	Pass
11ac(VHT20)	CH36	-4.90	0.06	-4.84	11.00	Pass
11ac(VHT20)	CH44	-4.83	0.06	-4.77	11.00	Pass
11ac(VHT20)	CH48	-5.19	0.06	-5.13	11.00	Pass
11ac(VHT40)	CH38	-7.61	0.12	-7.49	11.00	Pass
11ac(VHT40)	CH46	-7.66	0.12	-7.54	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-4.81	0.14	-4.67	11.00	11.00	Pass
11a	CH116	-4.46	0.14	-4.31	11.00	11.00	Pass
11a	CH140	-4.62	0.14	-4.48	11.00	11.00	Pass
11n(HT20)	CH100	-5.46	0.06	-5.40	11.00	11.00	Pass
11n(HT20)	CH116	-5.05	0.06	-5.00	11.00	11.00	Pass
11n(HT20)	CH140	-5.21	0.06	-5.15	11.00	11.00	Pass
11n(HT40)	CH102	-8.12	0.12	-8.00	11.00	11.00	Pass
11n(HT40)	CH118	-7.76	0.12	-7.64	11.00	11.00	Pass
11n(HT40)	CH134	-8.02	0.12	-7.90	11.00	11.00	Pass
11ac(VHT20)	CH100	-5.47	0.06	-5.41	11.00	11.00	Pass
11ac(VHT20)	CH116	-5.03	0.06	-4.97	11.00	11.00	Pass
11ac(VHT20)	CH140	-5.18	0.06	-5.12	11.00	11.00	Pass
11ac(VHT40)	CH102	-8.04	0.12	-7.93	11.00	11.00	Pass
11ac(VHT40)	CH118	-7.68	0.12	-7.56	11.00	11.00	Pass
11ac(VHT40)	CH134	-7.93	0.12	-7.81	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-8.94	0.14	-8.80	30.00	11.00	Pass
11a	CH157	-9.18	0.14	-9.03	30.00	11.00	Pass
11a	CH165	-9.35	0.14	-9.21	30.00	11.00	Pass
11n(HT20)	CH149	-9.38	0.06	-9.32	30.00	11.00	Pass
11n(HT20)	CH157	-9.75	0.06	-9.69	30.00	11.00	Pass
11n(HT20)	CH165	-9.91	0.06	-9.85	30.00	11.00	Pass
11n(HT40)	CH151	-12.16	0.12	-12.04	30.00	11.00	Pass
11n(HT40)	CH159	-12.41	0.12	-12.29	30.00	11.00	Pass
11ac(VHT20)	CH149	-9.49	0.06	-9.43	30.00	11.00	Pass
11ac(VHT20)	CH157	-9.87	0.06	-9.81	30.00	11.00	Pass
11ac(VHT20)	CH165	-9.91	0.06	-9.85	30.00	11.00	Pass
11ac(VHT40)	CH151	-12.15	0.12	-12.03	30.00	11.00	Pass
11ac(VHT40)	CH159	-12.43	0.12	-12.32	30.00	11.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	-1.15	10.00	Pass
11a	CH44	-1.68	10.00	Pass
11a	CH48	-1.56	10.00	Pass
11n(HT20)	CH36	-1.81	10.00	Pass
11n(HT20)	CH44	-1.77	10.00	Pass
11n(HT20)	CH48	-2.14	10.00	Pass
11n(HT40)	CH38	-4.47	10.00	Pass
11n(HT40)	CH46	-4.49	10.00	Pass
11ac(VHT20)	CH36	-1.85	10.00	Pass
11ac(VHT20)	CH44	-1.78	10.00	Pass
11ac(VHT20)	CH48	-2.14	10.00	Pass
11ac(VHT40)	CH38	-4.50	10.00	Pass
11ac(VHT40)	CH46	-4.55	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-1.08	Pass
11a	CH116	-0.72	Pass
11a	CH140	-0.89	Pass
11n(HT20)	CH100	-1.81	Pass
11n(HT20)	CH116	-1.41	Pass
11n(HT20)	CH140	-1.56	Pass
11n(HT40)	CH102	-4.41	Pass
11n(HT40)	CH118	-4.05	Pass
11n(HT40)	CH134	-4.31	Pass
11ac(VHT20)	CH100	-1.82	Pass
11ac(VHT20)	CH116	-1.38	Pass
11ac(VHT20)	CH140	-1.53	Pass
11ac(VHT40)	CH102	-4.34	Pass
11ac(VHT40)	CH118	-3.97	Pass
11ac(VHT40)	CH134	-4.22	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-6.08	Pass
11a	CH157	-6.31	Pass
11a	CH165	-6.49	Pass
11n(HT20)	CH149	-6.60	Pass
11n(HT20)	CH157	-6.97	Pass
11n(HT20)	CH165	-7.13	Pass
11n(HT40)	CH151	-9.32	Pass
11n(HT40)	CH159	-9.57	Pass
11ac(VHT20)	CH149	-6.71	Pass
11ac(VHT20)	CH157	-7.09	Pass
11ac(VHT20)	CH165	-7.13	Pass
11ac(VHT40)	CH151	-9.31	Pass
11ac(VHT40)	CH159	-9.60	Pass

MIMO-B

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-4.40	0.14	-4.26	11.00	Pass
11a	CH44	-4.63	0.14	-4.48	11.00	Pass
11a	CH48	-4.62	0.14	-4.47	11.00	Pass
11n(HT20)	CH36	-5.10	0.06	-5.04	11.00	Pass
11n(HT20)	CH44	-4.74	0.06	-4.68	11.00	Pass
11n(HT20)	CH48	-5.09	0.06	-5.03	11.00	Pass
11n(HT40)	CH38	-7.51	0.12	-7.39	11.00	Pass
11n(HT40)	CH46	-7.47	0.12	-7.35	11.00	Pass
11ac(VHT20)	CH36	-5.04	0.06	-4.99	11.00	Pass
11ac(VHT20)	CH44	-4.77	0.06	-4.72	11.00	Pass
11ac(VHT20)	CH48	-5.12	0.06	-5.06	11.00	Pass
11ac(VHT40)	CH38	-7.42	0.12	-7.30	11.00	Pass
11ac(VHT40)	CH46	-7.51	0.12	-7.39	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-3.87	0.14	-3.72	11.00	11.00	Pass
11a	CH116	-3.80	0.14	-3.66	11.00	11.00	Pass
11a	CH140	-3.56	0.14	-3.41	11.00	11.00	Pass
11n(HT20)	CH100	-4.40	0.06	-4.35	11.00	11.00	Pass
11n(HT20)	CH116	-4.40	0.06	-4.35	11.00	11.00	Pass
11n(HT20)	CH140	-4.17	0.06	-4.11	11.00	11.00	Pass
11n(HT40)	CH102	-6.84	0.12	-6.72	11.00	11.00	Pass
11n(HT40)	CH118	-6.90	0.12	-6.78	11.00	11.00	Pass
11n(HT40)	CH134	-6.35	0.12	-6.23	11.00	11.00	Pass
11ac(VHT20)	CH100	-4.40	0.06	-4.35	11.00	11.00	Pass
11ac(VHT20)	CH116	-4.36	0.06	-4.31	11.00	11.00	Pass
11ac(VHT20)	CH140	-4.17	0.06	-4.11	11.00	11.00	Pass
11ac(VHT40)	CH102	-6.86	0.12	-6.74	11.00	11.00	Pass
11ac(VHT40)	CH118	-6.99	0.12	-6.87	11.00	11.00	Pass
11ac(VHT40)	CH134	-6.38	0.12	-6.27	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-8.76	0.14	-8.62	30.00	11.00	Pass
11a	CH157	-9.18	0.14	-9.04	30.00	11.00	Pass
11a	CH165	-8.18	0.14	-8.04	30.00	11.00	Pass
11n(HT20)	CH149	-9.23	0.06	-9.17	30.00	11.00	Pass
11n(HT20)	CH157	-9.77	0.06	-9.71	30.00	11.00	Pass
11n(HT20)	CH165	-8.73	0.06	-8.68	30.00	11.00	Pass
11n(HT40)	CH151	-12.03	0.12	-11.91	30.00	11.00	Pass
11n(HT40)	CH159	-11.85	0.12	-11.73	30.00	11.00	Pass
11ac(VHT20)	CH149	-9.35	0.06	-9.29	30.00	11.00	Pass
11ac(VHT20)	CH157	-9.89	0.06	-9.83	30.00	11.00	Pass
11ac(VHT20)	CH165	-8.62	0.06	-8.56	30.00	11.00	Pass
11ac(VHT40)	CH151	-12.00	0.12	-11.88	30.00	11.00	Pass
11ac(VHT40)	CH159	-11.85	0.12	-11.73	30.00	11.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	-1.27	10.00	Pass
11a	CH44	-1.49	10.00	Pass
11a	CH48	-1.48	10.00	Pass
11n(HT20)	CH36	-2.05	10.00	Pass
11n(HT20)	CH44	-1.69	10.00	Pass
11n(HT20)	CH48	-2.04	10.00	Pass
11n(HT40)	CH38	-4.40	10.00	Pass
11n(HT40)	CH46	-4.36	10.00	Pass
11ac(VHT20)	CH36	-2.00	10.00	Pass
11ac(VHT20)	CH44	-1.73	10.00	Pass
11ac(VHT20)	CH48	-2.07	10.00	Pass
11ac(VHT40)	CH38	-4.31	10.00	Pass
11ac(VHT40)	CH46	-4.40	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-0.13	Pass
11a	CH116	-0.07	Pass
11a	CH140	0.18	Pass
11n(HT20)	CH100	-0.76	Pass
11n(HT20)	CH116	-0.76	Pass
11n(HT20)	CH140	-0.52	Pass
11n(HT40)	CH102	-3.13	Pass
11n(HT40)	CH118	-3.19	Pass
11n(HT40)	CH134	-2.64	Pass
11ac(VHT20)	CH100	-0.76	Pass
11ac(VHT20)	CH116	-0.72	Pass
11ac(VHT20)	CH140	-0.52	Pass
11ac(VHT40)	CH102	-3.15	Pass
11ac(VHT40)	CH118	-3.28	Pass
11ac(VHT40)	CH134	-2.68	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-5.90	Pass
11a	CH157	-6.32	Pass
11a	CH165	-5.32	Pass
11n(HT20)	CH149	-6.45	Pass
11n(HT20)	CH157	-6.99	Pass
11n(HT20)	CH165	-5.96	Pass
11n(HT40)	CH151	-9.19	Pass
11n(HT40)	CH159	-9.01	Pass
11ac(VHT20)	CH149	-6.57	Pass
11ac(VHT20)	CH157	-7.11	Pass
11ac(VHT20)	CH165	-5.84	Pass
11ac(VHT40)	CH151	-9.16	Pass
11ac(VHT40)	CH159	-9.01	Pass

MIMO-C

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-5.87	0.14	-5.72	11.00	Pass
11a	CH44	-5.61	0.14	-5.46	11.00	Pass
11a	CH48	-4.69	0.14	-4.54	11.00	Pass
11n(HT20)	CH36	-6.43	0.06	-6.37	11.00	Pass
11n(HT20)	CH44	-5.66	0.06	-5.60	11.00	Pass
11n(HT20)	CH48	-5.32	0.06	-5.26	11.00	Pass
11n(HT40)	CH38	-9.00	0.12	-8.88	11.00	Pass
11n(HT40)	CH46	-7.99	0.12	-7.87	11.00	Pass
11ac(VHT20)	CH36	-6.42	0.06	-6.36	11.00	Pass
11ac(VHT20)	CH44	-5.68	0.06	-5.62	11.00	Pass
11ac(VHT20)	CH48	-5.44	0.06	-5.38	11.00	Pass
11ac(VHT40)	CH38	-9.05	0.12	-8.93	11.00	Pass
11ac(VHT40)	CH46	-8.04	0.12	-7.92	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-5.42	0.14	-5.27	11.00	11.00	Pass
11a	CH116	-5.30	0.14	-5.15	11.00	11.00	Pass
11a	CH140	-5.63	0.14	-5.48	11.00	11.00	Pass
11n(HT20)	CH100	-5.94	0.06	-5.88	11.00	11.00	Pass
11n(HT20)	CH116	-5.79	0.06	-5.74	11.00	11.00	Pass
11n(HT20)	CH140	-6.24	0.06	-6.18	11.00	11.00	Pass
11n(HT40)	CH102	-8.65	0.12	-8.54	11.00	11.00	Pass
11n(HT40)	CH118	-8.60	0.12	-8.48	11.00	11.00	Pass
11n(HT40)	CH134	-9.50	0.12	-9.38	11.00	11.00	Pass
11ac(VHT20)	CH100	-6.00	0.06	-5.94	11.00	11.00	Pass
11ac(VHT20)	CH116	-5.87	0.06	-5.81	11.00	11.00	Pass
11ac(VHT20)	CH140	-6.25	0.06	-6.19	11.00	11.00	Pass
11ac(VHT40)	CH102	-8.65	0.12	-8.53	11.00	11.00	Pass
11ac(VHT40)	CH118	-8.62	0.12	-8.50	11.00	11.00	Pass
11ac(VHT40)	CH134	-9.49	0.12	-9.37	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-8.71	0.14	-8.57	30.00	11.00	Pass
11a	CH157	-8.79	0.14	-8.64	30.00	11.00	Pass
11a	CH165	-9.52	0.14	-9.38	30.00	11.00	Pass
11n(HT20)	CH149	-9.27	0.06	-9.21	30.00	11.00	Pass
11n(HT20)	CH157	-9.37	0.06	-9.31	30.00	11.00	Pass
11n(HT20)	CH165	-10.11	0.06	-10.05	30.00	11.00	Pass
11n(HT40)	CH151	-11.94	0.12	-11.82	30.00	11.00	Pass
11n(HT40)	CH159	-12.19	0.12	-12.08	30.00	11.00	Pass
11ac(VHT20)	CH149	-9.15	0.06	-9.09	30.00	11.00	Pass
11ac(VHT20)	CH157	-9.24	0.06	-9.18	30.00	11.00	Pass
11ac(VHT20)	CH165	-9.99	0.06	-9.94	30.00	11.00	Pass
11ac(VHT40)	CH151	-12.02	0.12	-11.90	30.00	11.00	Pass
11ac(VHT40)	CH159	-12.14	0.12	-12.02	30.00	11.00	Pass

E.I.R.P

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	-2.73	10.00	Pass
11a	CH44	-2.47	10.00	Pass
11a	CH48	-1.55	10.00	Pass
11n(HT20)	CH36	-3.38	10.00	Pass
11n(HT20)	CH44	-2.61	10.00	Pass
11n(HT20)	CH48	-2.27	10.00	Pass
11n(HT40)	CH38	-5.89	10.00	Pass
11n(HT40)	CH46	-4.88	10.00	Pass
11ac(VHT20)	CH36	-3.37	10.00	Pass
11ac(VHT20)	CH44	-2.63	10.00	Pass
11ac(VHT20)	CH48	-2.39	10.00	Pass
11ac(VHT40)	CH38	-5.94	10.00	Pass
11ac(VHT40)	CH46	-4.93	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-1.68	Pass
11a	CH116	-1.56	Pass
11a	CH140	-1.89	Pass
11n(HT20)	CH100	-2.29	Pass
11n(HT20)	CH116	-2.15	Pass
11n(HT20)	CH140	-2.59	Pass
11n(HT40)	CH102	-4.95	Pass
11n(HT40)	CH118	-4.89	Pass
11n(HT40)	CH134	-5.79	Pass
11ac(VHT20)	CH100	-2.35	Pass
11ac(VHT20)	CH116	-2.22	Pass
11ac(VHT20)	CH140	-2.60	Pass
11ac(VHT40)	CH102	-4.94	Pass
11ac(VHT40)	CH118	-4.91	Pass
11ac(VHT40)	CH134	-5.78	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-5.85	Pass
11a	CH157	-5.92	Pass
11a	CH165	-6.66	Pass
11n(HT20)	CH149	-6.49	Pass
11n(HT20)	CH157	-6.59	Pass
11n(HT20)	CH165	-7.33	Pass
11n(HT40)	CH151	-9.10	Pass
11n(HT40)	CH159	-9.36	Pass
11ac(VHT20)	CH149	-6.37	Pass
11ac(VHT20)	CH157	-6.46	Pass
11ac(VHT20)	CH165	-7.22	Pass
11ac(VHT40)	CH151	-9.18	Pass
11ac(VHT40)	CH159	-9.30	Pass

MIMO-D

U-NII-1 (5150 - 5250 MHz)

Note ¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note ²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-4.85	0.14	-4.71	11.00	Pass
11a	CH44	-4.55	0.14	-4.40	11.00	Pass
11a	CH48	-4.17	0.14	-4.03	11.00	Pass
11n(HT20)	CH36	-5.50	0.06	-5.44	11.00	Pass
11n(HT20)	CH44	-4.77	0.06	-4.71	11.00	Pass
11n(HT20)	CH48	-4.77	0.06	-4.71	11.00	Pass
11n(HT40)	CH38	-8.02	0.12	-7.90	11.00	Pass
11n(HT40)	CH46	-7.38	0.12	-7.26	11.00	Pass
11ac(VHT20)	CH36	-5.54	0.06	-5.48	11.00	Pass
11ac(VHT20)	CH44	-4.85	0.06	-4.79	11.00	Pass
11ac(VHT20)	CH48	-4.78	0.06	-4.72	11.00	Pass
11ac(VHT40)	CH38	-8.10	0.12	-7.98	11.00	Pass
11ac(VHT40)	CH46	-7.34	0.12	-7.22	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-4.37	0.14	-4.22	11.00	11.00	Pass
11a	CH116	-5.38	0.14	-5.24	11.00	11.00	Pass
11a	CH140	-4.48	0.14	-4.34	11.00	11.00	Pass
11n(HT20)	CH100	-4.75	0.06	-4.69	11.00	11.00	Pass
11n(HT20)	CH116	-5.90	0.06	-5.84	11.00	11.00	Pass
11n(HT20)	CH140	-5.05	0.06	-4.99	11.00	11.00	Pass
11n(HT40)	CH102	-7.52	0.12	-7.40	11.00	11.00	Pass
11n(HT40)	CH118	-8.41	0.12	-8.29	11.00	11.00	Pass
11n(HT40)	CH134	-7.83	0.12	-7.72	11.00	11.00	Pass
11ac(VHT20)	CH100	-4.83	0.06	-4.77	11.00	11.00	Pass
11ac(VHT20)	CH116	-5.88	0.06	-5.83	11.00	11.00	Pass
11ac(VHT20)	CH140	-5.07	0.06	-5.01	11.00	11.00	Pass
11ac(VHT40)	CH102	-7.47	0.12	-7.35	11.00	11.00	Pass
11ac(VHT40)	CH118	-8.40	0.12	-8.28	11.00	11.00	Pass
11ac(VHT40)	CH134	-7.74	0.12	-7.62	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	Measured PSD (dBm/500 kHz)	Duty Factor	PSD (dBm/500 kHz)	FCC Limit (dBm/500 kHz)	IC Limit (dBm/500 kHz)	Verdict
11a	CH149	-10.48	0.14	-10.34	30.00	-6.75	Pass
11a	CH157	-11.32	0.14	-11.17	30.00	-7.58	Pass
11a	CH165	-12.13	0.14	-11.99	30.00	-8.40	Pass
11n(HT20)	CH149	-11.16	0.06	-11.10	30.00	-7.51	Pass
11n(HT20)	CH157	-12.16	0.06	-12.10	30.00	-8.51	Pass
11n(HT20)	CH165	-12.87	0.06	-12.81	30.00	-9.22	Pass
11n(HT40)	CH151	-14.09	0.12	-13.97	30.00	-10.38	Pass
11n(HT40)	CH159	-14.80	0.12	-14.69	30.00	-11.10	Pass
11ac(VHT20)	CH149	-11.36	0.06	-11.30	30.00	-7.71	Pass
11ac(VHT20)	CH157	-12.21	0.06	-12.15	30.00	-8.56	Pass
11ac(VHT20)	CH165	-12.93	0.06	-12.87	30.00	-9.28	Pass
11ac(VHT40)	CH151	-14.08	0.12	-13.96	30.00	-10.37	Pass
11ac(VHT40)	CH159	-14.74	0.12	-14.62	30.00	-11.03	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	-1.72	10.00	Pass
11a	CH44	-1.41	10.00	Pass
11a	CH48	-1.04	10.00	Pass
11n(HT20)	CH36	-2.45	10.00	Pass
11n(HT20)	CH44	-1.72	10.00	Pass
11n(HT20)	CH48	-1.72	10.00	Pass
11n(HT40)	CH38	-4.91	10.00	Pass
11n(HT40)	CH46	-4.27	10.00	Pass
11ac(VHT20)	CH36	-2.49	10.00	Pass
11ac(VHT20)	CH44	-1.80	10.00	Pass
11ac(VHT20)	CH48	-1.73	10.00	Pass
11ac(VHT40)	CH38	-4.99	10.00	Pass
11ac(VHT40)	CH46	-4.23	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-0.63	Pass
11a	CH116	-1.65	Pass
11a	CH140	-0.75	Pass
11n(HT20)	CH100	-1.10	Pass
11n(HT20)	CH116	-2.25	Pass
11n(HT20)	CH140	-1.40	Pass
11n(HT40)	CH102	-3.81	Pass
11n(HT40)	CH118	-4.70	Pass
11n(HT40)	CH134	-4.13	Pass
11ac(VHT20)	CH100	-1.18	Pass
11ac(VHT20)	CH116	-2.24	Pass
11ac(VHT20)	CH140	-1.42	Pass
11ac(VHT40)	CH102	-3.76	Pass
11ac(VHT40)	CH118	-4.69	Pass
11ac(VHT40)	CH134	-4.03	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-7.62	Pass
11a	CH157	-8.45	Pass
11a	CH165	-9.27	Pass
11n(HT20)	CH149	-8.38	Pass
11n(HT20)	CH157	-9.38	Pass
11n(HT20)	CH165	-10.09	Pass
11n(HT40)	CH151	-11.25	Pass
11n(HT40)	CH159	-11.97	Pass
11ac(VHT20)	CH149	-8.58	Pass
11ac(VHT20)	CH157	-9.43	Pass
11ac(VHT20)	CH165	-10.15	Pass
11ac(VHT40)	CH151	-11.24	Pass
11ac(VHT40)	CH159	-11.90	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 2.99 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note²: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.36	11.00	Pass
11a	CH44	1.29	11.00	Pass
11a	CH48	1.63	11.00	Pass
11n(HT20)	CH36	0.65	11.00	Pass
11n(HT20)	CH44	1.10	11.00	Pass
11n(HT20)	CH48	0.99	11.00	Pass
11n(HT40)	CH38	-1.85	11.00	Pass
11n(HT40)	CH46	-1.46	11.00	Pass
11ac(VHT20)	CH36	0.64	11.00	Pass
11ac(VHT20)	CH44	1.06	11.00	Pass
11ac(VHT20)	CH48	0.95	11.00	Pass
11ac(VHT40)	CH38	-1.86	11.00	Pass
11ac(VHT40)	CH46	-1.49	11.00	Pass

U-NII-2C (5470 - 5725 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-2C (5470 MHz to 5725 MHz) is 3.47 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁶: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	1.59	11.00	11.00	Pass
11a	CH116	1.48	11.00	11.00	Pass
11a	CH140	1.65	11.00	11.00	Pass
11n(HT20)	CH100	0.98	11.00	11.00	Pass
11n(HT20)	CH116	0.83	11.00	11.00	Pass
11n(HT20)	CH140	0.97	11.00	11.00	Pass
11n(HT40)	CH102	-1.59	11.00	11.00	Pass
11n(HT40)	CH118	-1.73	11.00	11.00	Pass
11n(HT40)	CH134	-1.64	11.00	11.00	Pass
11ac(VHT20)	CH100	0.95	11.00	11.00	Pass
11ac(VHT20)	CH116	0.84	11.00	11.00	Pass
11ac(VHT20)	CH140	0.97	11.00	11.00	Pass
11ac(VHT40)	CH102	-1.57	11.00	11.00	Pass
11ac(VHT40)	CH118	-1.73	11.00	11.00	Pass
11ac(VHT40)	CH134	-1.61	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 3.59 dBi

Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.

Note⁸: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	IC Limit (dBm/500kHz)	Verdict
11a	CH149	-3.00	30.00	11.00	Pass
11a	CH157	-3.35	30.00	11.00	Pass
11a	CH165	-3.41	30.00	11.00	Pass
11n(HT20)	CH149	-3.61	30.00	11.00	Pass
11n(HT20)	CH157	-4.06	30.00	11.00	Pass
11n(HT20)	CH165	-4.09	30.00	11.00	Pass
11n(HT40)	CH151	-6.33	30.00	11.00	Pass
11n(HT40)	CH159	-6.53	30.00	11.00	Pass
11ac(VHT20)	CH149	-3.68	30.00	11.00	Pass
11ac(VHT20)	CH157	-4.09	30.00	11.00	Pass
11ac(VHT20)	CH165	-4.02	30.00	11.00	Pass
11ac(VHT40)	CH151	-6.34	30.00	11.00	Pass
11ac(VHT40)	CH159	-6.52	30.00	11.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	4.35	10.00	Pass
11a	CH44	4.28	10.00	Pass
11a	CH48	4.62	10.00	Pass
11n(HT20)	CH36	3.64	10.00	Pass
11n(HT20)	CH44	4.09	10.00	Pass
11n(HT20)	CH48	3.98	10.00	Pass
11n(HT40)	CH38	1.14	10.00	Pass
11n(HT40)	CH46	1.53	10.00	Pass
11ac(VHT20)	CH36	3.63	10.00	Pass
11ac(VHT20)	CH44	4.05	10.00	Pass
11ac(VHT20)	CH48	3.94	10.00	Pass
11ac(VHT40)	CH38	1.13	10.00	Pass
11ac(VHT40)	CH46	1.50	10.00	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	5.18	Pass
11a	CH116	5.07	Pass
11a	CH140	5.24	Pass
11n(HT20)	CH100	4.57	Pass
11n(HT20)	CH116	4.42	Pass
11n(HT20)	CH140	4.56	Pass
11n(HT40)	CH102	2.00	Pass
11n(HT40)	CH118	1.86	Pass
11n(HT40)	CH134	1.95	Pass
11ac(VHT20)	CH100	4.54	Pass
11ac(VHT20)	CH116	4.43	Pass
11ac(VHT20)	CH140	4.56	Pass
11ac(VHT40)	CH102	2.02	Pass
11ac(VHT40)	CH118	1.86	Pass
11ac(VHT40)	CH134	1.98	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-0.28	Pass
11a	CH157	-0.63	Pass
11a	CH165	-0.69	Pass
11n(HT20)	CH149	-0.89	Pass
11n(HT20)	CH157	-1.34	Pass
11n(HT20)	CH165	-1.37	Pass
11n(HT40)	CH151	-3.61	Pass
11n(HT40)	CH159	-3.81	Pass
11ac(VHT20)	CH149	-0.96	Pass
11ac(VHT20)	CH157	-1.37	Pass
11ac(VHT20)	CH165	-1.30	Pass
11ac(VHT40)	CH151	-3.62	Pass
11ac(VHT40)	CH159	-3.80	Pass

A.5 Conducted Emissions

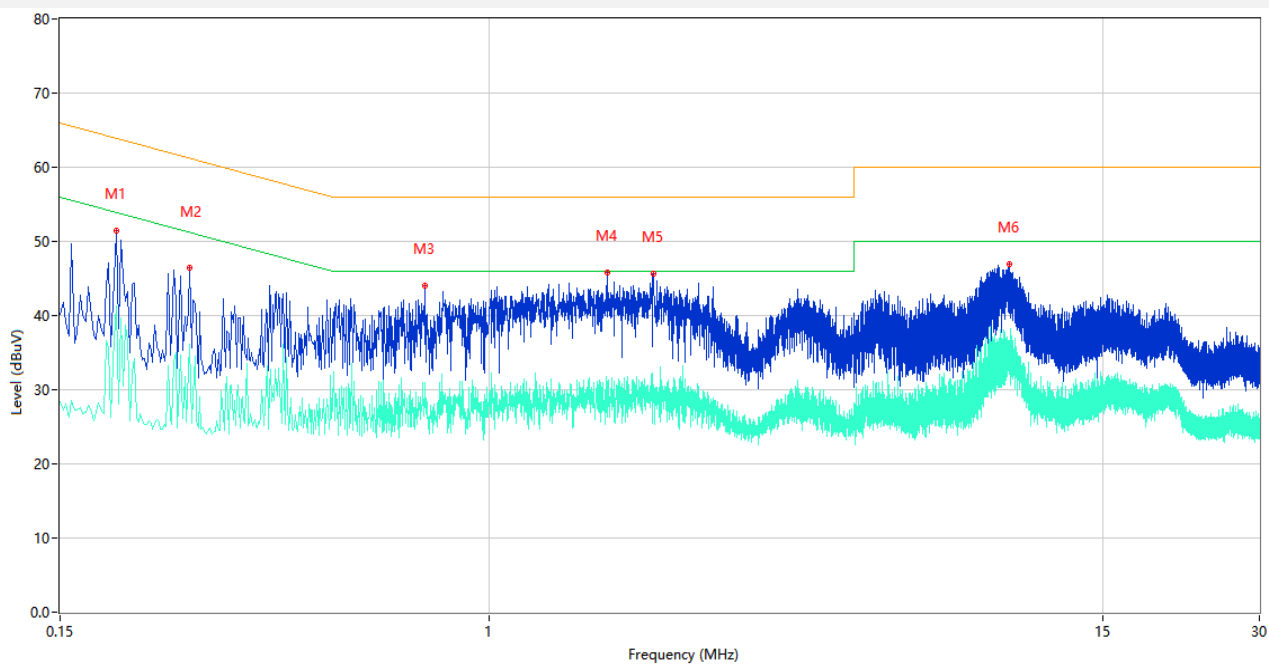
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

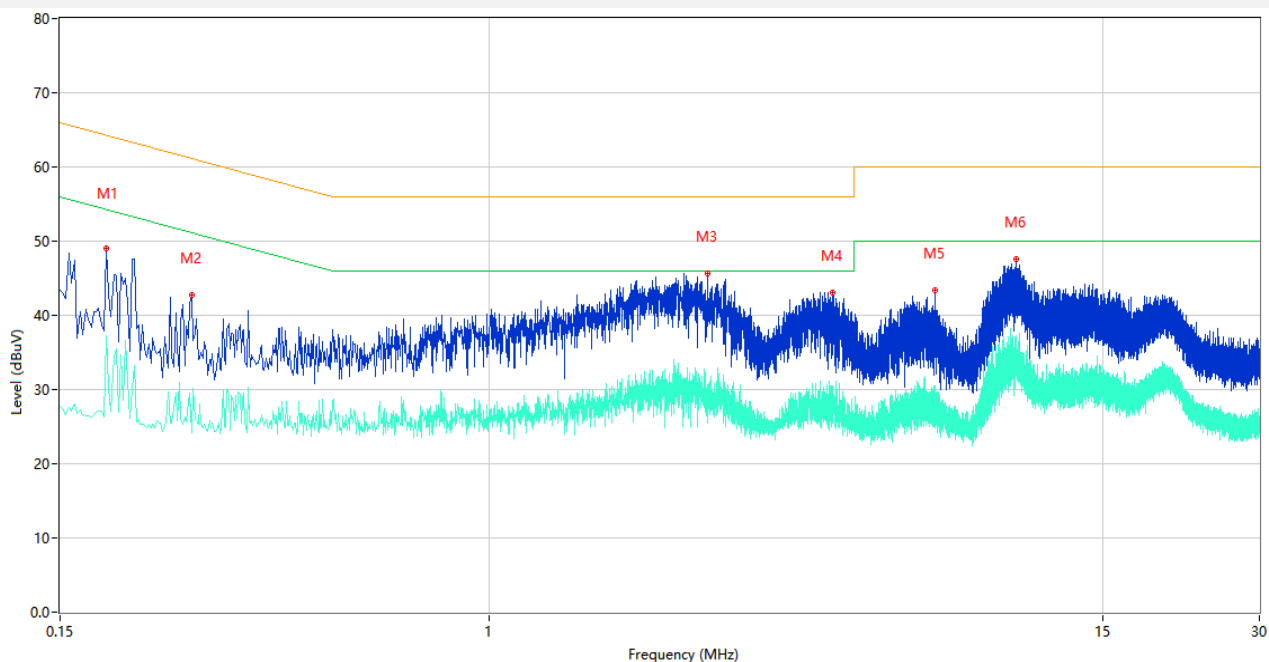
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.192	51.41	9.84	63.95	12.54	Peak	L	Pass
1**	0.192	41.31	9.84	53.95	12.64	AV	L	Pass
2	0.266	46.50	9.82	61.24	14.74	Peak	L	Pass
2**	0.266	36.06	9.82	51.24	15.18	AV	L	Pass
3	0.750	44.07	10.24	56.00	11.93	Peak	L	Pass
3**	0.750	30.90	10.24	46.00	15.10	AV	L	Pass
4	1.684	45.78	10.17	56.00	10.22	Peak	L	Pass
4**	1.684	29.97	10.17	46.00	16.03	AV	L	Pass
5	2.064	45.67	10.34	56.00	10.33	Peak	L	Pass
5**	2.064	30.70	10.34	46.00	15.30	AV	L	Pass
6	9.966	46.97	10.58	60.00	13.03	Peak	L	Pass
6**	9.966	33.38	10.58	50.00	16.62	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.184	49.02	9.84	64.30	15.28	Peak	N	Pass
1**	0.184	37.21	9.84	54.30	17.09	AV	N	Pass
2	0.268	42.74	9.82	61.18	18.44	Peak	N	Pass
2**	0.268	24.22	9.82	51.18	26.96	AV	N	Pass
3	2.624	45.63	10.02	56.00	10.37	Peak	N	Pass
3**	2.624	30.65	10.02	46.00	15.35	AV	N	Pass
4	4.542	43.10	10.45	56.00	12.90	Peak	N	Pass
4**	4.542	30.20	10.45	46.00	15.80	AV	N	Pass
5	7.150	43.31	10.30	60.00	16.69	Peak	N	Pass
5**	7.150	28.43	10.30	50.00	21.57	AV	N	Pass
6	10.242	47.57	10.58	60.00	12.43	Peak	N	Pass
6**	10.242	32.49	10.58	50.00	17.51	AV	N	Pass

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

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

Note²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

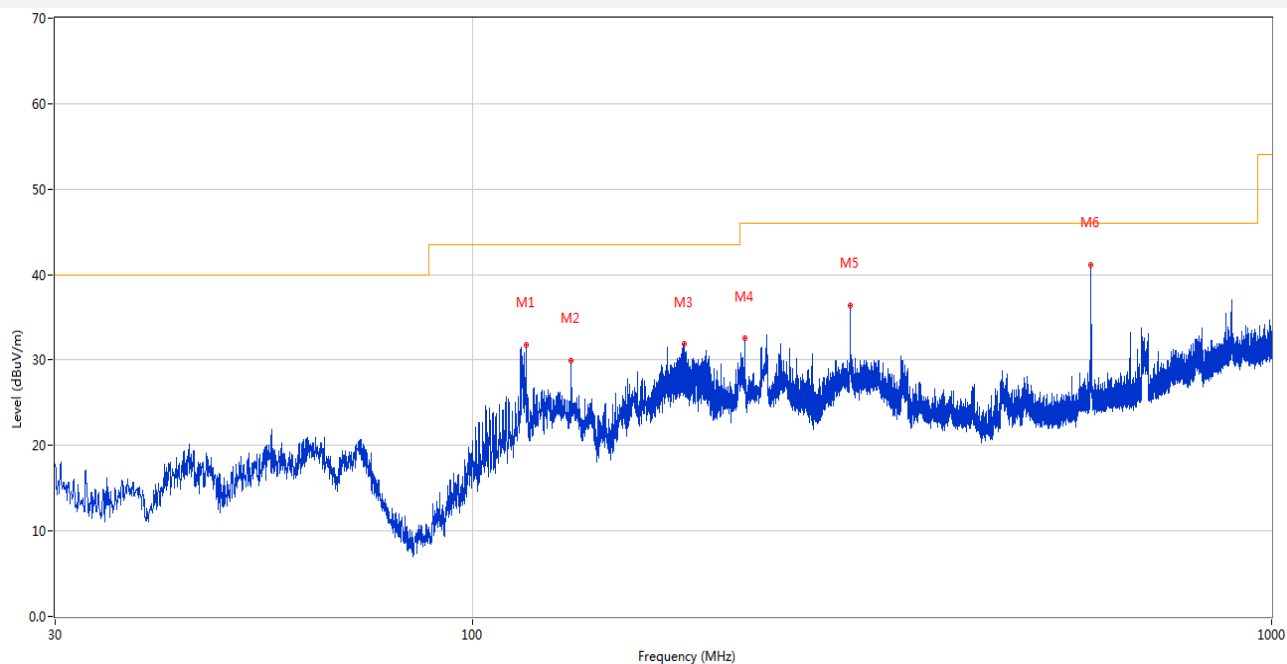
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Note⁵: For Multiple transmitter output, the quantity $10 \log (NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log (NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

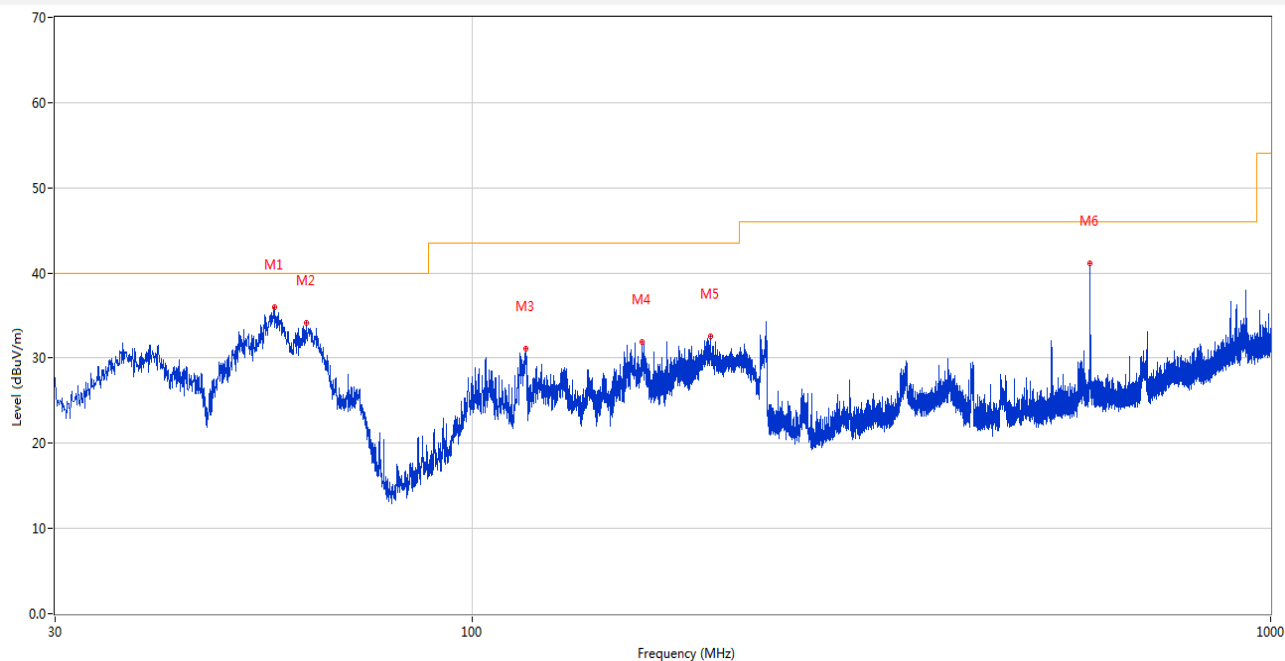
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	116.718	31.81	-26.47	43.5	11.69	Peak	158.10	100	Horizontal	Pass
2	132.674	29.95	-28.40	43.5	13.55	Peak	280.90	100	Horizontal	Pass
3	183.696	31.84	-26.01	43.5	11.66	Peak	260.90	100	Horizontal	Pass
4	218.956	32.50	-24.30	46.0	13.50	Peak	175.20	100	Horizontal	Pass
5	297.041	36.44	-21.41	46.0	9.56	Peak	208.40	100	Horizontal	Pass
6	594.006	41.16	-12.87	46.0	4.84	Peak	260.90	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

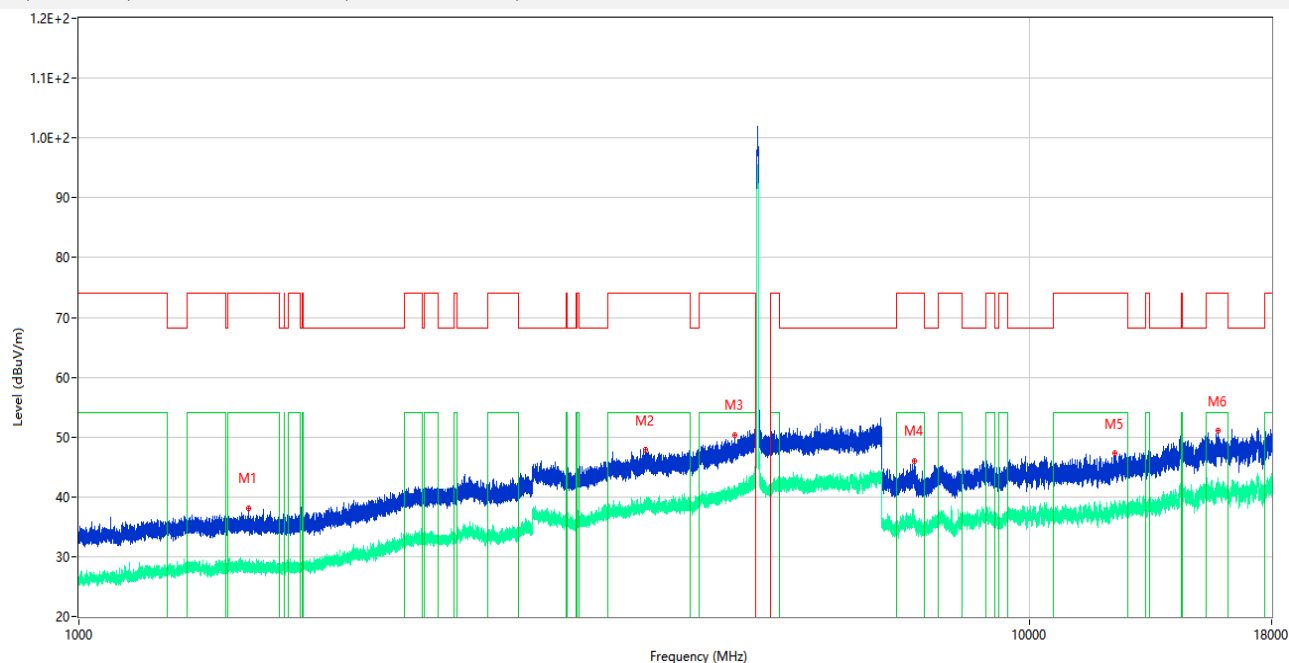


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	56.432	36.01	-24.69	40.0	3.99	Peak	132.10	100	Vertical	Pass
2	61.913	34.12	-25.70	40.0	5.88	Peak	117.20	100	Vertical	Pass
3	116.767	31.11	-26.48	43.5	12.39	Peak	101.10	100	Vertical	Pass
4	163.084	31.95	-27.58	43.5	11.55	Peak	212.90	100	Vertical	Pass
5	198.877	32.54	-24.27	43.5	10.96	Peak	109.40	100	Vertical	Pass
6	594.006	41.08	-12.87	46.0	4.92	Peak	46.40	100	Vertical	Pass

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

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.835	38.34	74.0	35.66	Peak	34.00	100	Horizontal	Pass
1**	1509.835	28.91	54.0	25.09	AV	34.00	100	Horizontal	Pass
2	3945.397	47.86	74.0	26.14	Peak	220.00	200	Horizontal	Pass
2**	3945.397	39.37	54.0	14.63	AV	220.00	200	Horizontal	Pass
3	4900.719	50.47	74.0	23.53	Peak	25.00	200	Horizontal	Pass
3**	4900.719	42.12	54.0	11.88	AV	25.00	200	Horizontal	Pass
4	7575.268	46.16	74.0	27.84	Peak	63.00	400	Horizontal	Pass
4**	7575.268	37.12	54.0	16.88	AV	63.00	400	Horizontal	Pass
5	12301.461	47.29	74.0	26.71	Peak	351.00	300	Horizontal	Pass
5**	12301.461	37.78	54.0	16.22	AV	351.00	300	Horizontal	Pass
6	15811.293	51.16	74.0	22.84	Peak	330.00	100	Horizontal	Pass
6**	15811.293	43.89	54.0	10.11	AV	330.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.088	49.59	74.0	24.41	Peak	198.00	100	Vertical	Pass
1**	1160.088	34.83	54.0	19.17	AV	198.00	100	Vertical	Pass
2	1337.643	47.03	74.0	26.97	Peak	43.00	400	Vertical	Pass
2**	1337.643	38.39	54.0	15.61	AV	43.00	400	Vertical	Pass
3	4923.676	48.38	74.0	25.62	Peak	83.00	200	Vertical	Pass
3**	4923.676	39.16	54.0	14.84	AV	83.00	200	Vertical	Pass
4	7929.300	53.31	74.0	20.69	Peak	68.00	400	Vertical	Pass
4**	7929.300	43.61	54.0	10.39	AV	68.00	400	Vertical	Pass
5	12492.229	53.32	74.0	20.68	Peak	181.00	200	Vertical	Pass
5**	12492.229	42.93	54.0	11.07	AV	181.00	200	Vertical	Pass
6	17103.824	54.57	74.0	19.43	Peak	268.00	100	Vertical	Pass
6**	17103.824	43.60	54.0	10.40	AV	268.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.527	38.08	74.0	35.92	Peak	325.00	400	Horizontal	Pass
1**	1508.527	28.84	54.0	25.16	AV	325.00	400	Horizontal	Pass
2	3945.175	47.82	74.0	26.18	Peak	289.00	400	Horizontal	Pass
2**	3945.175	39.19	54.0	14.81	AV	289.00	400	Horizontal	Pass
3	4898.342	50.40	74.0	23.60	Peak	294.00	200	Horizontal	Pass
3**	4898.342	40.07	54.0	13.93	AV	294.00	200	Horizontal	Pass
4	7573.293	45.99	74.0	28.01	Peak	182.00	100	Horizontal	Pass
4**	7573.293	37.12	54.0	16.88	AV	182.00	100	Horizontal	Pass
5	12306.414	47.04	74.0	26.97	Peak	143.00	200	Horizontal	Pass
5**	12306.414	37.61	54.0	16.39	AV	143.00	200	Horizontal	Pass
6	15808.772	51.05	74.0	22.95	Peak	51.00	400	Horizontal	Pass
6**	15808.772	41.76	54.0	12.24	AV	51.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.933	49.43	74.0	24.57	Peak	75.00	100	Vertical	Pass
1**	1159.933	34.65	54.0	19.35	AV	75.00	100	Vertical	Pass
2	1335.301	46.91	74.0	27.09	Peak	179.00	100	Vertical	Pass
2**	1335.301	38.27	54.0	15.73	AV	179.00	100	Vertical	Pass
3	4926.780	48.14	74.0	25.86	Peak	29.00	200	Vertical	Pass
3**	4926.780	38.88	54.0	15.12	AV	29.00	200	Vertical	Pass
4	7932.299	53.05	74.0	20.95	Peak	337.00	400	Vertical	Pass
4**	7932.299	43.37	54.0	10.63	AV	337.00	400	Vertical	Pass
5	12493.554	53.28	74.0	20.72	Peak	290.00	100	Vertical	Pass
5**	12493.554	43.76	54.0	10.24	AV	290.00	100	Vertical	Pass
6	17099.950	54.48	74.0	19.52	Peak	197.00	100	Vertical	Pass
6**	17099.950	43.56	54.0	10.44	AV	197.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.595	37.91	74.0	36.09	Peak	140.00	400	Horizontal	Pass
1**	1508.595	28.68	54.0	25.33	AV	140.00	400	Horizontal	Pass
2	3942.224	47.76	74.0	26.24	Peak	20.00	400	Horizontal	Pass
2**	3942.224	38.98	54.0	15.02	AV	20.00	400	Horizontal	Pass
3	4901.161	50.28	74.0	23.72	Peak	23.00	200	Horizontal	Pass
3**	4901.161	39.87	54.0	14.13	AV	23.00	200	Horizontal	Pass
4	7575.909	45.95	74.0	28.05	Peak	358.00	100	Horizontal	Pass
4**	7575.909	37.05	54.0	16.95	AV	358.00	100	Horizontal	Pass
5	12306.898	46.91	74.0	27.09	Peak	44.00	300	Horizontal	Pass
5**	12306.898	37.49	54.0	16.51	AV	44.00	300	Horizontal	Pass
6	15811.563	50.79	74.0	23.21	Peak	141.00	300	Horizontal	Pass
6**	15811.563	41.53	54.0	12.47	AV	141.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.338	49.27	74.0	24.73	Peak	73.00	400	Vertical	Pass
1**	1165.338	34.65	54.0	19.35	AV	73.00	400	Vertical	Pass
2	1336.286	46.63	74.0	27.37	Peak	1.00	200	Vertical	Pass
2**	1336.286	38.20	54.0	15.80	AV	1.00	200	Vertical	Pass
3	4922.371	47.97	74.0	26.03	Peak	317.00	200	Vertical	Pass
3**	4922.371	38.77	54.0	15.24	AV	317.00	200	Vertical	Pass
4	7936.658	52.97	74.0	21.03	Peak	349.00	400	Vertical	Pass
4**	7936.658	43.10	54.0	10.90	AV	349.00	400	Vertical	Pass
5	12492.903	53.15	74.0	20.85	Peak	197.00	400	Vertical	Pass
5**	12492.903	43.74	54.0	10.26	AV	197.00	400	Vertical	Pass
6	17104.617	54.41	74.0	19.60	Peak	158.00	300	Vertical	Pass
6**	17104.617	43.34	54.0	10.66	AV	158.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.387	38.23	74.0	35.77	Peak	322.00	200	Horizontal	Pass
1**	1507.387	28.84	54.0	25.16	AV	322.00	200	Horizontal	Pass
2	3946.268	47.56	74.0	26.44	Peak	303.00	100	Horizontal	Pass
2**	3946.268	39.20	54.0	14.80	AV	303.00	100	Horizontal	Pass
3	4898.195	50.41	74.0	23.60	Peak	88.00	200	Horizontal	Pass
3**	4898.195	40.04	54.0	13.96	AV	88.00	200	Horizontal	Pass
4	7570.808	46.14	74.0	27.86	Peak	323.00	200	Horizontal	Pass
4**	7570.808	37.00	54.0	17.00	AV	323.00	200	Horizontal	Pass
5	12302.000	47.14	74.0	26.86	Peak	95.00	200	Horizontal	Pass
5**	12302.000	37.62	54.0	16.38	AV	95.00	200	Horizontal	Pass
6	15806.669	51.12	74.0	22.88	Peak	207.00	100	Horizontal	Pass
6**	15806.669	41.67	54.0	12.33	AV	207.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.418	49.06	74.0	24.94	Peak	67.00	200	Vertical	Pass
1**	1160.418	34.47	54.0	19.53	AV	67.00	200	Vertical	Pass
2	1336.001	46.61	74.0	27.39	Peak	201.00	400	Vertical	Pass
2**	1336.001	38.19	54.0	15.81	AV	201.00	400	Vertical	Pass
3	4920.156	47.82	74.0	26.18	Peak	357.00	200	Vertical	Pass
3**	4920.156	38.59	54.0	15.42	AV	357.00	200	Vertical	Pass
4	7933.811	52.95	74.0	21.05	Peak	118.00	400	Vertical	Pass
4**	7933.811	42.94	54.0	11.06	AV	118.00	400	Vertical	Pass
5	12493.020	52.88	74.0	21.12	Peak	349.00	300	Vertical	Pass
5**	12493.020	43.71	54.0	10.29	AV	349.00	300	Vertical	Pass
6	17100.203	54.38	74.0	19.62	Peak	336.00	300	Vertical	Pass
6**	17100.203	43.25	54.0	10.75	AV	336.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.668	38.08	74.0	35.93	Peak	238.00	300	Horizontal	Pass
1**	1504.668	28.77	54.0	25.23	AV	238.00	300	Horizontal	Pass
2	3944.004	47.54	74.0	26.47	Peak	247.00	100	Horizontal	Pass
2**	3944.004	39.12	54.0	14.88	AV	247.00	100	Horizontal	Pass
3	4894.695	50.35	74.0	23.65	Peak	230.00	200	Horizontal	Pass
3**	4894.695	40.03	54.0	13.97	AV	230.00	200	Horizontal	Pass
4	7573.831	45.81	74.0	28.19	Peak	143.00	100	Horizontal	Pass
4**	7573.831	37.06	54.0	16.94	AV	143.00	100	Horizontal	Pass
5	12302.006	46.87	74.0	27.13	Peak	316.00	200	Horizontal	Pass
5**	12302.006	37.40	54.0	16.60	AV	316.00	200	Horizontal	Pass
6	15811.891	50.76	74.0	23.24	Peak	244.00	100	Horizontal	Pass
6**	15811.891	41.53	54.0	12.47	AV	244.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.260	48.92	74.0	25.08	Peak	52.00	400	Vertical	Pass
1**	1163.260	34.28	54.0	19.72	AV	52.00	400	Vertical	Pass
2	1332.526	46.37	74.0	27.63	Peak	115.00	400	Vertical	Pass
2**	1332.526	38.12	54.0	15.88	AV	115.00	400	Vertical	Pass
3	4923.295	47.65	74.0	26.35	Peak	24.00	200	Vertical	Pass
3**	4923.295	38.54	54.0	15.46	AV	24.00	200	Vertical	Pass
4	7933.664	52.94	74.0	21.06	Peak	70.00	400	Vertical	Pass
4**	7933.664	42.76	54.0	11.24	AV	70.00	400	Vertical	Pass
5	12492.105	52.86	74.0	21.14	Peak	30.00	100	Vertical	Pass
5**	12492.105	43.62	54.0	10.38	AV	30.00	100	Vertical	Pass
6	17101.647	54.19	74.0	19.82	Peak	50.00	100	Vertical	Pass
6**	17101.647	43.06	54.0	10.94	AV	50.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.661	37.64	74.0	36.36	Peak	226.00	400	Horizontal	Pass
1**	1511.661	28.57	54.0	25.43	AV	226.00	400	Horizontal	Pass
2	3942.934	47.48	74.0	26.52	Peak	138.00	100	Horizontal	Pass
2**	3942.934	38.87	54.0	15.13	AV	138.00	100	Horizontal	Pass
3	4897.749	50.25	74.0	23.75	Peak	213.00	200	Horizontal	Pass
3**	4897.749	39.71	54.0	14.29	AV	213.00	200	Horizontal	Pass
4	7571.009	45.86	74.0	28.14	Peak	334.00	400	Horizontal	Pass
4**	7571.009	36.90	54.0	17.10	AV	334.00	400	Horizontal	Pass
5	12305.604	46.91	74.0	27.09	Peak	282.00	300	Horizontal	Pass
5**	12305.604	37.41	54.0	16.59	AV	282.00	300	Horizontal	Pass
6	15807.906	50.67	74.0	23.33	Peak	209.00	200	Horizontal	Pass
6**	15807.906	41.43	54.0	12.57	AV	209.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.391	48.90	74.0	25.10	Peak	233.00	300	Vertical	Pass
1**	1164.391	34.03	54.0	19.98	AV	233.00	300	Vertical	Pass
2	1335.705	46.26	74.0	27.74	Peak	59.00	100	Vertical	Pass
2**	1335.705	38.00	54.0	16.01	AV	59.00	100	Vertical	Pass
3	4927.989	47.48	74.0	26.52	Peak	92.00	200	Vertical	Pass
3**	4927.989	38.50	54.0	15.50	AV	92.00	200	Vertical	Pass
4	7936.662	52.88	74.0	21.12	Peak	88.00	400	Vertical	Pass
4**	7936.662	42.54	54.0	11.46	AV	88.00	400	Vertical	Pass
5	12498.017	52.67	74.0	21.33	Peak	112.00	100	Vertical	Pass
5**	12498.017	43.62	54.0	10.38	AV	112.00	100	Vertical	Pass
6	17104.532	53.92	74.0	20.08	Peak	50.00	400	Vertical	Pass
6**	17104.532	43.84	54.0	10.16	AV	50.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.880	38.26	74.0	35.74	Peak	78.00	200	Horizontal	Pass
1**	1509.880	28.84	54.0	25.16	AV	78.00	200	Horizontal	Pass
2	3947.417	47.66	74.0	26.34	Peak	264.00	100	Horizontal	Pass
2**	3947.417	39.26	54.0	14.74	AV	264.00	100	Horizontal	Pass
3	4900.289	50.36	74.0	23.64	Peak	354.00	200	Horizontal	Pass
3**	4900.289	39.99	54.0	14.01	AV	354.00	200	Horizontal	Pass
4	7571.158	45.98	74.0	28.02	Peak	111.00	400	Horizontal	Pass
4**	7571.158	37.01	54.0	16.99	AV	111.00	400	Horizontal	Pass
5	12307.906	47.23	74.0	26.77	Peak	220.00	400	Horizontal	Pass
5**	12307.906	37.63	54.0	16.37	AV	220.00	400	Horizontal	Pass
6	15812.110	51.03	74.0	22.97	Peak	236.00	100	Horizontal	Pass
6**	15812.110	41.86	54.0	12.14	AV	236.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.836	48.77	74.0	25.23	Peak	227.00	400	Vertical	Pass
1**	1164.836	33.98	54.0	20.02	AV	227.00	400	Vertical	Pass
2	1336.768	45.96	74.0	28.04	Peak	2.00	400	Vertical	Pass
2**	1336.768	37.80	54.0	16.20	AV	2.00	400	Vertical	Pass
3	4925.550	47.21	74.0	26.79	Peak	31.00	200	Vertical	Pass
3**	4925.550	38.43	54.0	15.57	AV	31.00	200	Vertical	Pass
4	7935.814	52.83	74.0	21.17	Peak	92.00	300	Vertical	Pass
4**	7935.814	42.28	54.0	11.72	AV	92.00	300	Vertical	Pass
5	12493.843	52.39	74.0	21.61	Peak	292.00	200	Vertical	Pass
5**	12493.843	43.34	54.0	10.66	AV	292.00	200	Vertical	Pass
6	17102.279	53.70	74.0	20.30	Peak	29.00	300	Vertical	Pass
6**	17102.279	43.75	54.0	10.25	AV	29.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.607	37.94	74.0	36.06	Peak	261.00	200	Horizontal	Pass
1**	1511.607	28.81	54.0	25.19	AV	261.00	200	Horizontal	Pass
2	3947.090	47.82	74.0	26.18	Peak	112.00	300	Horizontal	Pass
2**	3947.090	38.99	54.0	15.02	AV	112.00	300	Horizontal	Pass
3	4901.867	50.22	74.0	23.78	Peak	253.00	200	Horizontal	Pass
3**	4901.867	39.83	54.0	14.17	AV	253.00	200	Horizontal	Pass
4	7573.552	45.81	74.0	28.19	Peak	56.00	200	Horizontal	Pass
4**	7573.552	36.83	54.0	17.17	AV	56.00	200	Horizontal	Pass
5	12306.326	46.81	74.0	27.20	Peak	203.00	200	Horizontal	Pass
5**	12306.326	37.61	54.0	16.39	AV	203.00	200	Horizontal	Pass
6	15809.058	50.94	74.0	23.06	Peak	346.00	400	Horizontal	Pass
6**	15809.058	41.76	54.0	12.24	AV	346.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.464	48.74	74.0	25.26	Peak	253.00	200	Vertical	Pass
1**	1158.464	33.71	54.0	20.29	AV	253.00	200	Vertical	Pass
2	1335.217	45.81	74.0	28.20	Peak	36.00	200	Vertical	Pass
2**	1335.217	37.66	54.0	16.34	AV	36.00	200	Vertical	Pass
3	4922.337	47.13	74.0	26.88	Peak	256.00	200	Vertical	Pass
3**	4922.337	38.42	54.0	15.58	AV	256.00	200	Vertical	Pass
4	7930.243	52.61	74.0	21.39	Peak	66.00	200	Vertical	Pass
4**	7930.243	42.04	54.0	11.96	AV	66.00	200	Vertical	Pass
5	12495.267	52.21	74.0	21.79	Peak	79.00	200	Vertical	Pass
5**	12495.267	43.25	54.0	10.75	AV	79.00	200	Vertical	Pass
6	17098.500	53.68	74.0	20.32	Peak	139.00	100	Vertical	Pass
6**	17098.500	43.60	54.0	10.40	AV	139.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.728	38.33	74.0	35.67	Peak	303.00	200	Horizontal	Pass
1**	1511.728	28.75	54.0	25.25	AV	303.00	200	Horizontal	Pass
2	3943.959	47.66	74.0	26.34	Peak	209.00	200	Horizontal	Pass
2**	3943.959	39.18	54.0	14.82	AV	209.00	200	Horizontal	Pass
3	4896.797	50.25	74.0	23.75	Peak	273.00	200	Horizontal	Pass
3**	4896.797	40.02	54.0	13.98	AV	273.00	200	Horizontal	Pass
4	7575.697	45.91	74.0	28.09	Peak	183.00	300	Horizontal	Pass
4**	7575.697	36.82	54.0	17.18	AV	183.00	300	Horizontal	Pass
5	12304.338	47.09	74.0	26.91	Peak	163.00	400	Horizontal	Pass
5**	12304.338	37.58	54.0	16.43	AV	163.00	400	Horizontal	Pass
6	15813.286	50.97	74.0	23.03	Peak	42.00	100	Horizontal	Pass
6**	15813.286	41.73	54.0	12.27	AV	42.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.601	48.61	74.0	25.39	Peak	147.00	300	Vertical	Pass
1**	1161.601	33.54	54.0	20.47	AV	147.00	300	Vertical	Pass
2	1336.524	45.70	74.0	28.30	Peak	222.00	400	Vertical	Pass
2**	1336.524	37.51	54.0	16.49	AV	222.00	400	Vertical	Pass
3	4923.308	47.11	74.0	26.89	Peak	95.00	200	Vertical	Pass
3**	4923.308	38.13	54.0	15.87	AV	95.00	200	Vertical	Pass
4	7933.391	52.39	74.0	21.61	Peak	27.00	100	Vertical	Pass
4**	7933.391	41.87	54.0	12.13	AV	27.00	100	Vertical	Pass
5	12495.584	52.15	74.0	21.85	Peak	342.00	400	Vertical	Pass
5**	12495.584	43.04	54.0	10.96	AV	342.00	400	Vertical	Pass
6	17100.943	53.67	74.0	20.33	Peak	129.00	300	Vertical	Pass
6**	17100.943	43.53	54.0	10.47	AV	129.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.551	38.05	74.0	35.95	Peak	259.00	200	Horizontal	Pass
1**	1504.551	28.66	54.0	25.34	AV	259.00	200	Horizontal	Pass
2	3943.983	47.76	74.0	26.24	Peak	346.00	100	Horizontal	Pass
2**	3943.983	39.09	54.0	14.91	AV	346.00	100	Horizontal	Pass
3	4895.489	50.27	74.0	23.73	Peak	66.00	200	Horizontal	Pass
3**	4895.489	40.07	54.0	13.93	AV	66.00	200	Horizontal	Pass
4	7577.259	45.72	74.0	28.28	Peak	77.00	300	Horizontal	Pass
4**	7577.259	36.83	54.0	17.17	AV	77.00	300	Horizontal	Pass
5	12303.203	46.81	74.0	27.19	Peak	252.00	100	Horizontal	Pass
5**	12303.203	37.48	54.0	16.52	AV	252.00	100	Horizontal	Pass
6	15812.390	50.93	74.0	23.07	Peak	274.00	200	Horizontal	Pass
6**	15812.390	41.47	54.0	12.53	AV	274.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.446	48.37	74.0	25.63	Peak	83.00	100	Vertical	Pass
1**	1163.446	33.49	54.0	20.51	AV	83.00	100	Vertical	Pass
2	1337.574	45.44	74.0	28.56	Peak	272.00	400	Vertical	Pass
2**	1337.574	37.36	54.0	16.64	AV	272.00	400	Vertical	Pass
3	4925.553	47.06	74.0	26.95	Peak	316.00	200	Vertical	Pass
3**	4925.553	37.95	54.0	16.05	AV	316.00	200	Vertical	Pass
4	7930.625	52.32	74.0	21.68	Peak	68.00	200	Vertical	Pass
4**	7930.625	41.75	54.0	12.25	AV	68.00	200	Vertical	Pass
5	12493.367	51.91	74.0	22.09	Peak	168.00	400	Vertical	Pass
5**	12493.367	42.95	54.0	11.05	AV	168.00	400	Vertical	Pass
6	17101.679	53.50	74.0	20.50	Peak	170.00	100	Vertical	Pass
6**	17101.679	43.33	54.0	10.67	AV	170.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.850	37.73	74.0	36.27	Peak	192.00	200	Horizontal	Pass
1**	1505.850	28.40	54.0	25.60	AV	192.00	200	Horizontal	Pass
2	3945.582	47.60	74.0	26.40	Peak	151.00	400	Horizontal	Pass
2**	3945.582	38.95	54.0	15.05	AV	151.00	400	Horizontal	Pass
3	4899.065	50.11	74.0	23.89	Peak	318.00	200	Horizontal	Pass
3**	4899.065	39.66	54.0	14.34	AV	318.00	200	Horizontal	Pass
4	7577.145	45.87	74.0	28.13	Peak	38.00	200	Horizontal	Pass
4**	7577.145	37.02	54.0	16.99	AV	38.00	200	Horizontal	Pass
5	12301.123	46.86	74.0	27.15	Peak	44.00	400	Horizontal	Pass
5**	12301.123	37.39	54.0	16.61	AV	44.00	400	Horizontal	Pass
6	15810.915	50.57	74.0	23.43	Peak	266.00	400	Horizontal	Pass
6**	15810.915	41.33	54.0	12.67	AV	266.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.829	48.28	74.0	25.72	Peak	169.00	400	Vertical	Pass
1**	1164.829	33.40	54.0	20.60	AV	169.00	400	Vertical	Pass
2	1337.840	45.24	74.0	28.76	Peak	2.00	400	Vertical	Pass
2**	1337.840	37.13	54.0	16.87	AV	2.00	400	Vertical	Pass
3	4921.619	47.00	74.0	27.00	Peak	180.00	200	Vertical	Pass
3**	4921.619	37.86	54.0	16.14	AV	180.00	200	Vertical	Pass
4	7930.594	52.12	74.0	21.88	Peak	264.00	400	Vertical	Pass
4**	7930.594	41.66	54.0	12.34	AV	264.00	400	Vertical	Pass
5	12494.619	51.69	74.0	22.31	Peak	230.00	200	Vertical	Pass
5**	12494.619	42.78	54.0	11.22	AV	230.00	200	Vertical	Pass
6	17098.722	53.40	74.0	20.60	Peak	37.00	300	Vertical	Pass
6**	17098.722	43.11	54.0	10.89	AV	37.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.516	38.12	74.0	35.88	Peak	339.00	100	Horizontal	Pass
1**	1505.516	28.64	54.0	25.36	AV	339.00	100	Horizontal	Pass
2	3942.573	47.28	74.0	26.72	Peak	312.00	100	Horizontal	Pass
2**	3942.573	39.05	54.0	14.95	AV	312.00	100	Horizontal	Pass
3	4899.426	50.16	74.0	23.84	Peak	305.00	200	Horizontal	Pass
3**	4899.426	39.87	54.0	14.13	AV	305.00	200	Horizontal	Pass
4	7574.923	46.13	74.0	27.87	Peak	265.00	300	Horizontal	Pass
4**	7574.923	36.93	54.0	17.07	AV	265.00	300	Horizontal	Pass
5	12304.978	47.02	74.0	26.98	Peak	150.00	400	Horizontal	Pass
5**	12304.978	37.57	54.0	16.43	AV	150.00	400	Horizontal	Pass
6	15807.374	50.99	74.0	23.01	Peak	158.00	300	Horizontal	Pass
6**	15807.374	41.59	54.0	12.41	AV	158.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.516	48.25	74.0	25.75	Peak	228.00	100	Vertical	Pass
1**	1163.516	33.19	54.0	20.81	AV	228.00	100	Vertical	Pass
2	1334.156	45.17	74.0	28.83	Peak	235.00	100	Vertical	Pass
2**	1334.156	37.12	54.0	16.88	AV	235.00	100	Vertical	Pass
3	4920.681	46.85	74.0	27.15	Peak	341.00	200	Vertical	Pass
3**	4920.681	37.66	54.0	16.35	AV	341.00	200	Vertical	Pass
4	7936.275	51.87	74.0	22.13	Peak	222.00	200	Vertical	Pass
4**	7936.275	41.45	54.0	12.55	AV	222.00	200	Vertical	Pass
5	12497.462	51.59	74.0	22.41	Peak	255.00	100	Vertical	Pass
5**	12497.462	42.59	54.0	11.41	AV	255.00	100	Vertical	Pass
6	17105.156	53.12	74.0	20.88	Peak	100.00	200	Vertical	Pass
6**	17105.156	43.05	54.0	10.95	AV	100.00	200	Vertical	Pass

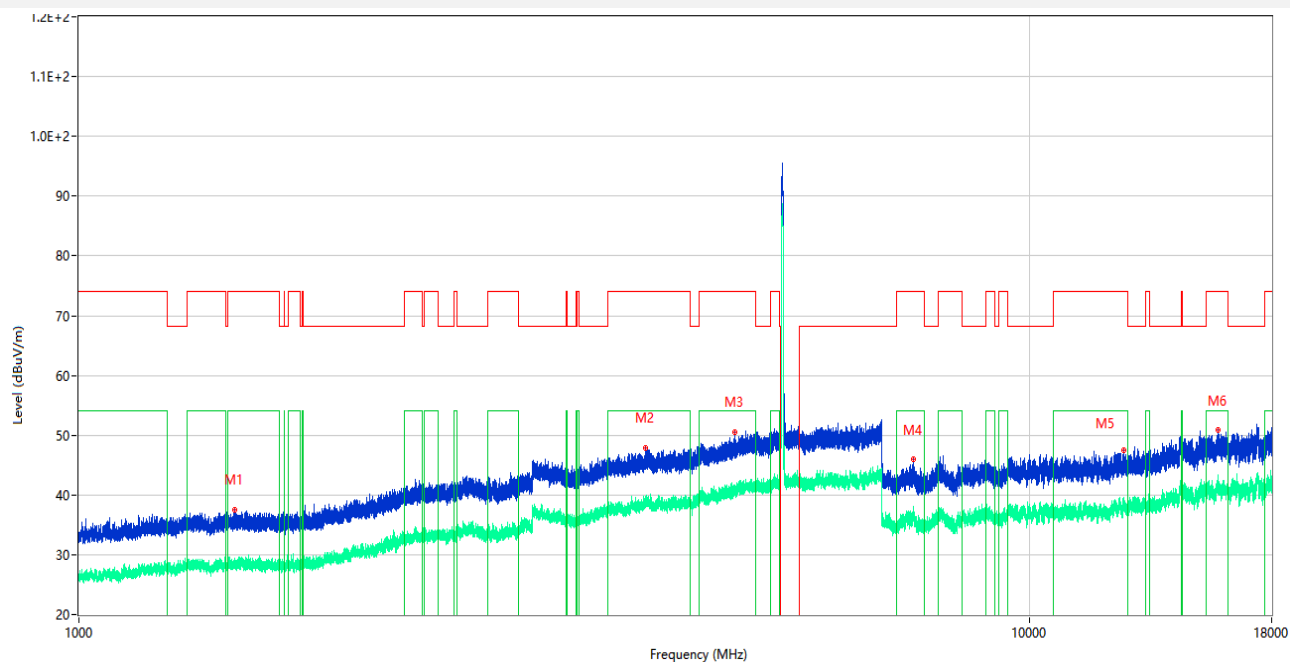
11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.756	38.29	74.0	35.71	Peak	5.00	100	Horizontal	Pass
1**	1508.756	28.66	54.0	25.34	AV	5.00	100	Horizontal	Pass
2	3948.188	47.56	74.0	26.44	Peak	239.00	100	Horizontal	Pass
2**	3948.188	39.15	54.0	14.85	AV	239.00	100	Horizontal	Pass
3	4901.584	50.22	74.0	23.78	Peak	156.00	200	Horizontal	Pass
3**	4901.584	40.00	54.0	14.00	AV	156.00	200	Horizontal	Pass
4	7575.299	46.13	74.0	27.87	Peak	0.00	200	Horizontal	Pass
4**	7575.299	37.04	54.0	16.96	AV	0.00	200	Horizontal	Pass
5	12308.503	47.15	74.0	26.85	Peak	196.00	400	Horizontal	Pass
5**	12308.503	37.72	54.0	16.28	AV	196.00	400	Horizontal	Pass
6	15811.965	51.12	74.0	22.88	Peak	187.00	400	Horizontal	Pass
6**	15811.965	41.63	54.0	12.38	AV	187.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.933	49.30	74.0	24.70	Peak	50.00	100	Vertical	Pass
1**	1157.933	34.60	54.0	19.40	AV	50.00	100	Vertical	Pass
2	1334.927	46.92	74.0	27.08	Peak	204.00	400	Vertical	Pass
2**	1334.927	38.33	54.0	15.67	AV	204.00	400	Vertical	Pass
3	4927.833	48.35	74.0	25.65	Peak	62.00	200	Vertical	Pass
3**	4927.833	39.04	54.0	14.96	AV	62.00	200	Vertical	Pass
4	7930.047	53.13	74.0	20.87	Peak	31.00	200	Vertical	Pass
4**	7930.047	43.39	54.0	10.61	AV	31.00	200	Vertical	Pass
5	12491.289	53.15	74.0	20.85	Peak	325.00	300	Vertical	Pass
5**	12491.289	43.81	54.0	10.19	AV	325.00	300	Vertical	Pass
6	17098.885	54.51	74.0	19.49	Peak	294.00	200	Vertical	Pass
6**	17098.885	43.51	54.0	10.49	AV	294.00	200	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.790	37.78	74.0	36.22	Peak	124.00	400	Horizontal	Pass
1**	1461.790	28.64	54.0	25.36	AV	124.00	400	Horizontal	Pass
2	3944.591	48.25	74.0	25.75	Peak	79.00	200	Horizontal	Pass
2**	3944.591	39.18	54.0	14.82	AV	79.00	200	Horizontal	Pass
3	4902.010	50.55	74.0	23.45	Peak	287.00	200	Horizontal	Pass
3**	4902.010	40.96	54.0	13.04	AV	287.00	200	Horizontal	Pass
4	7552.808	46.11	74.0	27.89	Peak	160.00	400	Horizontal	Pass
4**	7552.808	36.55	54.0	17.45	AV	160.00	400	Horizontal	Pass
5	12589.148	47.48	74.0	26.52	Peak	211.00	300	Horizontal	Pass
5**	12589.148	38.02	54.0	15.98	AV	211.00	300	Horizontal	Pass
6	15800.546	51.15	74.0	22.85	Peak	70.00	100	Horizontal	Pass
6**	15800.546	42.35	54.0	10.65	AV	70.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.830	51.45	74.0	22.55	Peak	151.00	400	Vertical	Pass
1**	1156.830	33.19	54.0	20.81	AV	151.00	400	Vertical	Pass
2	1332.702	43.52	74.0	30.48	Peak	145.00	100	Vertical	Pass
2**	1332.702	39.53	54.0	14.47	AV	145.00	100	Vertical	Pass
3	4926.772	45.97	74.0	28.03	Peak	210.00	200	Vertical	Pass
3**	4926.772	39.45	54.0	14.55	AV	210.00	200	Vertical	Pass
4	7934.274	52.17	74.0	21.83	Peak	78.00	200	Vertical	Pass
4**	7934.274	43.30	54.0	10.70	AV	78.00	200	Vertical	Pass
5	12494.402	53.94	74.0	20.06	Peak	126.00	200	Vertical	Pass
5**	12494.402	40.58	54.0	13.42	AV	126.00	200	Vertical	Pass
6	17103.847	54.31	74.0	19.69	Peak	87.00	300	Vertical	Pass
6**	17103.847	41.97	54.0	12.03	AV	87.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.414	37.60	74.0	36.40	Peak	7.00	200	Horizontal	Pass
1**	1454.414	28.39	54.0	25.62	AV	7.00	200	Horizontal	Pass
2	3945.919	48.17	74.0	25.83	Peak	325.00	100	Horizontal	Pass
2**	3945.919	38.91	54.0	15.09	AV	325.00	100	Horizontal	Pass
3	4904.701	50.38	74.0	23.62	Peak	89.00	200	Horizontal	Pass
3**	4904.701	40.75	54.0	13.25	AV	89.00	200	Horizontal	Pass
4	7554.119	46.08	74.0	27.92	Peak	215.00	200	Horizontal	Pass
4**	7554.119	36.42	54.0	17.58	AV	215.00	200	Horizontal	Pass
5	12587.170	47.25	74.0	26.75	Peak	318.00	200	Horizontal	Pass
5**	12587.170	37.99	54.0	16.01	AV	318.00	200	Horizontal	Pass
6	15799.661	51.13	74.0	22.88	Peak	294.00	100	Horizontal	Pass
6**	15799.661	42.33	54.0	11.67	AV	294.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.049	51.17	74.0	22.83	Peak	9.00	100	Vertical	Pass
1**	1155.049	33.10	54.0	20.90	AV	9.00	100	Vertical	Pass
2	1332.837	43.46	74.0	30.54	Peak	330.00	300	Vertical	Pass
2**	1332.837	39.49	54.0	14.51	AV	330.00	300	Vertical	Pass
3	4927.384	45.80	74.0	28.20	Peak	311.00	200	Vertical	Pass
3**	4927.384	39.43	54.0	14.57	AV	311.00	200	Vertical	Pass
4	7938.351	52.02	74.0	21.98	Peak	220.00	400	Vertical	Pass
4**	7938.351	43.05	54.0	10.95	AV	220.00	400	Vertical	Pass
5	12496.087	53.68	74.0	20.32	Peak	300.00	300	Vertical	Pass
5**	12496.087	40.33	54.0	13.67	AV	300.00	300	Vertical	Pass
6	17100.504	54.03	74.0	19.97	Peak	348.00	300	Vertical	Pass
6**	17100.504	41.74	54.0	12.26	AV	348.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.716	37.30	74.0	36.70	Peak	43.00	200	Horizontal	Pass
1**	1459.716	28.24	54.0	25.76	AV	43.00	200	Horizontal	Pass
2	3948.817	48.03	74.0	25.97	Peak	220.00	200	Horizontal	Pass
2**	3948.817	38.65	54.0	15.35	AV	220.00	200	Horizontal	Pass
3	4901.706	50.23	74.0	23.77	Peak	74.00	200	Horizontal	Pass
3**	4901.706	40.69	54.0	13.32	AV	74.00	200	Horizontal	Pass
4	7556.591	46.07	74.0	27.94	Peak	78.00	200	Horizontal	Pass
4**	7556.591	36.36	54.0	17.64	AV	78.00	200	Horizontal	Pass
5	12583.653	47.22	74.0	26.78	Peak	345.00	100	Horizontal	Pass
5**	12583.653	37.74	54.0	16.26	AV	345.00	100	Horizontal	Pass
6	15797.009	51.04	74.0	22.96	Peak	301.00	200	Horizontal	Pass
6**	15797.009	42.23	54.0	11.77	AV	301.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.533	50.87	74.0	23.13	Peak	107.00	200	Vertical	Pass
1**	1155.533	33.00	54.0	21.00	AV	107.00	200	Vertical	Pass
2	1332.523	43.29	74.0	30.71	Peak	277.00	200	Vertical	Pass
2**	1332.523	39.28	54.0	14.72	AV	277.00	200	Vertical	Pass
3	4925.124	45.55	74.0	28.45	Peak	48.00	200	Vertical	Pass
3**	4925.124	39.18	54.0	14.83	AV	48.00	200	Vertical	Pass
4	7936.500	51.96	74.0	22.05	Peak	359.00	300	Vertical	Pass
4**	7936.500	42.99	54.0	11.01	AV	359.00	300	Vertical	Pass
5	12490.602	53.53	74.0	20.47	Peak	309.00	400	Vertical	Pass
5**	12490.602	40.21	54.0	13.79	AV	309.00	400	Vertical	Pass
6	17106.164	53.98	74.0	20.02	Peak	357.00	100	Vertical	Pass
6**	17106.164	41.57	54.0	12.43	AV	357.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.018	37.19	74.0	36.81	Peak	232.00	300	Horizontal	Pass
1**	1458.018	28.08	54.0	25.92	AV	232.00	300	Horizontal	Pass
2	3944.129	47.91	74.0	26.09	Peak	346.00	100	Horizontal	Pass
2**	3944.129	38.60	54.0	15.40	AV	346.00	100	Horizontal	Pass
3	4901.911	50.16	74.0	23.84	Peak	325.00	200	Horizontal	Pass
3**	4901.911	40.61	54.0	13.39	AV	325.00	200	Horizontal	Pass
4	7553.424	45.83	74.0	28.17	Peak	166.00	400	Horizontal	Pass
4**	7553.424	36.15	54.0	17.85	AV	166.00	400	Horizontal	Pass
5	12587.659	47.00	74.0	27.00	Peak	78.00	200	Horizontal	Pass
5**	12587.659	37.50	54.0	16.50	AV	78.00	200	Horizontal	Pass
6	15800.129	50.93	74.0	23.07	Peak	117.00	200	Horizontal	Pass
6**	15800.129	41.97	54.0	12.03	AV	117.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.838	50.83	74.0	23.17	Peak	267.00	400	Vertical	Pass
1**	1160.838	32.92	54.0	21.09	AV	267.00	400	Vertical	Pass
2	1336.061	43.13	74.0	30.87	Peak	351.00	400	Vertical	Pass
2**	1336.061	39.22	54.0	14.78	AV	351.00	400	Vertical	Pass
3	4926.920	45.51	74.0	28.49	Peak	65.00	200	Vertical	Pass
3**	4926.920	39.13	54.0	14.87	AV	65.00	200	Vertical	Pass
4	7938.453	51.88	74.0	22.12	Peak	199.00	100	Vertical	Pass
4**	7938.453	42.90	54.0	11.11	AV	199.00	100	Vertical	Pass
5	12492.152	53.26	74.0	20.74	Peak	332.00	200	Vertical	Pass
5**	12492.152	40.15	54.0	13.85	AV	332.00	200	Vertical	Pass
6	17106.451	53.93	74.0	20.07	Peak	224.00	300	Vertical	Pass
6**	17106.451	41.56	54.0	12.44	AV	224.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.998	37.13	74.0	36.87	Peak	105.00	400	Horizontal	Pass
1**	1460.998	27.87	54.0	26.13	AV	105.00	400	Horizontal	Pass
2	3949.039	47.83	74.0	26.17	Peak	48.00	200	Horizontal	Pass
2**	3949.039	38.46	54.0	15.54	AV	48.00	200	Horizontal	Pass
3	4905.775	49.94	74.0	24.07	Peak	16.00	200	Horizontal	Pass
3**	4905.775	40.37	54.0	13.63	AV	16.00	200	Horizontal	Pass
4	7557.604	45.56	74.0	28.44	Peak	10.00	400	Horizontal	Pass
4**	7557.604	35.91	54.0	18.09	AV	10.00	400	Horizontal	Pass
5	12589.881	46.96	74.0	27.04	Peak	229.00	300	Horizontal	Pass
5**	12589.881	37.23	54.0	16.77	AV	229.00	300	Horizontal	Pass
6	15795.671	50.79	74.0	23.21	Peak	39.00	200	Horizontal	Pass
6**	15795.671	41.81	54.0	12.19	AV	39.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.078	50.57	74.0	23.43	Peak	128.00	200	Vertical	Pass
1**	1157.078	32.85	54.0	21.16	AV	128.00	200	Vertical	Pass
2	1334.626	43.12	74.0	30.89	Peak	81.00	200	Vertical	Pass
2**	1334.626	39.05	54.0	14.95	AV	81.00	200	Vertical	Pass
3	4923.383	45.25	74.0	28.75	Peak	117.00	200	Vertical	Pass
3**	4923.383	38.99	54.0	15.01	AV	117.00	200	Vertical	Pass
4	7938.141	51.71	74.0	22.29	Peak	315.00	300	Vertical	Pass
4**	7938.141	42.88	54.0	11.12	AV	315.00	300	Vertical	Pass
5	12495.217	53.23	74.0	20.77	Peak	221.00	300	Vertical	Pass
5**	12495.217	39.95	54.0	14.05	AV	221.00	300	Vertical	Pass
6	17101.754	53.70	74.0	20.30	Peak	272.00	200	Vertical	Pass
6**	17101.754	41.28	54.0	12.72	AV	272.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.716	36.87	74.0	37.13	Peak	147.00	200	Horizontal	Pass
1**	1457.716	27.85	54.0	26.15	AV	147.00	200	Horizontal	Pass
2	3948.692	47.81	74.0	26.19	Peak	205.00	400	Horizontal	Pass
2**	3948.692	38.45	54.0	15.55	AV	205.00	400	Horizontal	Pass
3	4899.200	49.77	74.0	24.23	Peak	323.00	200	Horizontal	Pass
3**	4899.200	40.29	54.0	13.71	AV	323.00	200	Horizontal	Pass
4	7557.015	45.35	74.0	28.65	Peak	63.00	300	Horizontal	Pass
4**	7557.015	35.75	54.0	18.25	AV	63.00	300	Horizontal	Pass
5	12587.076	46.77	74.0	27.23	Peak	321.00	100	Horizontal	Pass
5**	12587.076	37.09	54.0	16.91	AV	321.00	100	Horizontal	Pass
6	15802.355	50.52	74.0	23.49	Peak	171.00	100	Horizontal	Pass
6**	15802.355	41.68	54.0	12.32	AV	171.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.336	50.44	74.0	23.56	Peak	5.00	200	Vertical	Pass
1**	1155.336	32.74	54.0	21.26	AV	5.00	200	Vertical	Pass
2	1338.717	42.87	74.0	31.13	Peak	339.00	400	Vertical	Pass
2**	1338.717	38.99	54.0	15.01	AV	339.00	400	Vertical	Pass
3	4923.361	45.05	74.0	28.95	Peak	131.00	200	Vertical	Pass
3**	4923.361	38.96	54.0	15.04	AV	131.00	200	Vertical	Pass
4	7937.581	51.56	74.0	22.44	Peak	76.00	200	Vertical	Pass
4**	7937.581	43.29	54.0	10.71	AV	76.00	200	Vertical	Pass
5	12493.930	52.98	74.0	21.03	Peak	242.00	300	Vertical	Pass
5**	12493.930	39.86	54.0	14.14	AV	242.00	300	Vertical	Pass
6	17099.913	53.69	74.0	20.31	Peak	243.00	200	Vertical	Pass
6**	17099.913	41.21	54.0	12.79	AV	243.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.355	36.72	74.0	37.28	Peak	18.00	200	Horizontal	Pass
1**	1456.355	27.65	54.0	26.35	AV	18.00	200	Horizontal	Pass
2	3948.493	47.81	74.0	26.19	Peak	30.00	300	Horizontal	Pass
2**	3948.493	38.34	54.0	15.66	AV	30.00	300	Horizontal	Pass
3	4902.420	49.66	74.0	24.34	Peak	319.00	200	Horizontal	Pass
3**	4902.420	40.16	54.0	13.84	AV	319.00	200	Horizontal	Pass
4	7551.843	45.32	74.0	28.68	Peak	4.00	100	Horizontal	Pass
4**	7551.843	35.67	54.0	18.34	AV	4.00	100	Horizontal	Pass
5	12588.291	46.59	74.0	27.41	Peak	307.00	200	Horizontal	Pass
5**	12588.291	37.07	54.0	16.93	AV	307.00	200	Horizontal	Pass
6	15797.745	50.23	74.0	23.77	Peak	106.00	200	Horizontal	Pass
6**	15797.745	41.44	54.0	12.56	AV	106.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.567	50.40	74.0	23.60	Peak	196.00	200	Vertical	Pass
1**	1159.567	32.56	54.0	21.44	AV	196.00	200	Vertical	Pass
2	1338.218	42.81	74.0	31.19	Peak	28.00	400	Vertical	Pass
2**	1338.218	38.98	54.0	15.02	AV	28.00	400	Vertical	Pass
3	4925.650	44.76	74.0	29.24	Peak	360.00	200	Vertical	Pass
3**	4925.650	38.72	54.0	15.29	AV	360.00	200	Vertical	Pass
4	7937.693	51.47	74.0	22.53	Peak	10.00	200	Vertical	Pass
4**	7937.693	42.52	54.0	11.48	AV	10.00	200	Vertical	Pass
5	12496.782	52.73	74.0	21.27	Peak	84.00	300	Vertical	Pass
5**	12496.782	39.81	54.0	14.19	AV	84.00	300	Vertical	Pass
6	17104.410	53.43	74.0	20.57	Peak	43.00	300	Vertical	Pass
6**	17104.410	41.12	54.0	12.88	AV	43.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.098	36.53	74.0	37.48	Peak	112.00	400	Horizontal	Pass
1**	1462.098	27.47	54.0	26.53	AV	112.00	400	Horizontal	Pass
2	3946.361	47.81	74.0	26.19	Peak	118.00	100	Horizontal	Pass
2**	3946.361	38.08	54.0	15.93	AV	118.00	100	Horizontal	Pass
3	4900.914	49.53	74.0	24.47	Peak	56.00	200	Horizontal	Pass
3**	4900.914	40.11	54.0	13.89	AV	56.00	200	Horizontal	Pass
4	7557.391	45.11	74.0	28.89	Peak	187.00	400	Horizontal	Pass
4**	7557.391	35.39	54.0	18.62	AV	187.00	400	Horizontal	Pass
5	12589.198	46.52	74.0	27.48	Peak	36.00	400	Horizontal	Pass
5**	12589.198	36.91	54.0	17.10	AV	36.00	400	Horizontal	Pass
6	15801.500	50.04	74.0	23.97	Peak	234.00	300	Horizontal	Pass
6**	15801.500	41.21	54.0	12.79	AV	234.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.862	50.25	74.0	23.75	Peak	193.00	300	Vertical	Pass
1**	1162.862	32.26	54.0	21.74	AV	193.00	300	Vertical	Pass
2	1336.188	42.55	74.0	31.45	Peak	184.00	400	Vertical	Pass
2**	1336.188	38.86	54.0	15.14	AV	184.00	400	Vertical	Pass
3	4928.651	44.52	74.0	29.48	Peak	16.00	200	Vertical	Pass
3**	4928.651	38.57	54.0	15.43	AV	16.00	200	Vertical	Pass
4	7932.773	51.26	74.0	22.74	Peak	212.00	300	Vertical	Pass
4**	7932.773	42.43	54.0	11.57	AV	212.00	300	Vertical	Pass
5	12489.532	52.50	74.0	21.50	Peak	114.00	300	Vertical	Pass
5**	12489.532	39.77	54.0	14.23	AV	114.00	300	Vertical	Pass
6	17106.656	53.33	74.0	20.67	Peak	259.00	100	Vertical	Pass
6**	17106.656	41.05	54.0	12.95	AV	259.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.239	36.34	74.0	37.66	Peak	107.00	400	Horizontal	Pass
1**	1456.239	27.25	54.0	26.75	AV	107.00	400	Horizontal	Pass
2	3942.998	47.79	74.0	26.21	Peak	245.00	400	Horizontal	Pass
2**	3942.998	38.00	54.0	16.00	AV	245.00	400	Horizontal	Pass
3	4904.368	49.32	74.0	24.68	Peak	50.00	200	Horizontal	Pass
3**	4904.368	39.88	54.0	14.12	AV	50.00	200	Horizontal	Pass
4	7556.649	45.10	74.0	28.90	Peak	38.00	200	Horizontal	Pass
4**	7556.649	35.28	54.0	18.72	AV	38.00	200	Horizontal	Pass
5	12590.219	46.33	74.0	27.67	Peak	37.00	200	Horizontal	Pass
5**	12590.219	36.90	54.0	17.10	AV	37.00	200	Horizontal	Pass
6	15799.352	49.96	74.0	24.05	Peak	271.00	100	Horizontal	Pass
6**	15799.352	41.17	54.0	12.83	AV	271.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.815	50.12	74.0	23.88	Peak	311.00	200	Vertical	Pass
1**	1159.815	32.09	54.0	21.91	AV	311.00	200	Vertical	Pass
2	1333.960	42.35	74.0	31.65	Peak	138.00	400	Vertical	Pass
2**	1333.960	38.80	54.0	15.20	AV	138.00	400	Vertical	Pass
3	4924.500	44.44	74.0	29.56	Peak	127.00	200	Vertical	Pass
3**	4924.500	38.47	54.0	15.53	AV	127.00	200	Vertical	Pass
4	7934.973	51.14	74.0	22.86	Peak	211.00	300	Vertical	Pass
4**	7934.973	43.40	54.0	10.60	AV	211.00	300	Vertical	Pass
5	12496.681	52.27	74.0	21.73	Peak	294.00	100	Vertical	Pass
5**	12496.681	39.62	54.0	14.38	AV	294.00	100	Vertical	Pass
6	17099.583	53.19	74.0	20.81	Peak	318.00	400	Vertical	Pass
6**	17099.583	40.80	54.0	13.20	AV	318.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.003	37.61	74.0	36.39	Peak	125.00	100	Horizontal	Pass
1**	1456.003	28.51	54.0	25.49	AV	125.00	100	Horizontal	Pass
2	3946.108	48.19	74.0	25.81	Peak	289.00	300	Horizontal	Pass
2**	3946.108	39.10	54.0	14.90	AV	289.00	300	Horizontal	Pass
3	4899.071	50.34	74.0	23.67	Peak	283.00	200	Horizontal	Pass
3**	4899.071	40.81	54.0	13.19	AV	283.00	200	Horizontal	Pass
4	7552.983	46.10	74.0	27.90	Peak	77.00	100	Horizontal	Pass
4**	7552.983	36.53	54.0	17.47	AV	77.00	100	Horizontal	Pass
5	12591.315	47.31	74.0	26.69	Peak	95.00	100	Horizontal	Pass
5**	12591.315	37.88	54.0	16.12	AV	95.00	100	Horizontal	Pass
6	15799.113	50.90	74.0	23.10	Peak	150.00	400	Horizontal	Pass
6**	15799.113	42.35	54.0	11.65	AV	150.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.335	51.30	74.0	22.70	Peak	315.00	200	Vertical	Pass
1**	1162.335	33.17	54.0	20.83	AV	315.00	200	Vertical	Pass
2	1331.869	43.37	74.0	30.63	Peak	295.00	100	Vertical	Pass
2**	1331.869	39.38	54.0	14.62	AV	295.00	100	Vertical	Pass
3	4928.156	45.73	74.0	28.27	Peak	154.00	200	Vertical	Pass
3**	4928.156	39.41	54.0	14.59	AV	154.00	200	Vertical	Pass
4	7938.069	51.89	74.0	22.11	Peak	172.00	200	Vertical	Pass
4**	7938.069	43.23	54.0	10.77	AV	172.00	200	Vertical	Pass
5	12491.000	53.74	74.0	20.27	Peak	202.00	400	Vertical	Pass
5**	12491.000	40.42	54.0	13.59	AV	202.00	400	Vertical	Pass
6	17106.766	54.03	74.0	19.97	Peak	166.00	400	Vertical	Pass
6**	17106.766	41.80	54.0	12.20	AV	166.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.789	37.33	74.0	36.67	Peak	79.00	300	Horizontal	Pass
1**	1457.789	28.35	54.0	25.65	AV	79.00	300	Horizontal	Pass
2	3943.466	48.02	74.0	25.98	Peak	100.00	200	Horizontal	Pass
2**	3943.466	38.73	54.0	15.27	AV	100.00	200	Horizontal	Pass
3	4899.589	50.29	74.0	23.71	Peak	79.00	200	Horizontal	Pass
3**	4899.589	40.46	54.0	13.54	AV	79.00	200	Horizontal	Pass
4	7553.232	45.93	74.0	28.07	Peak	332.00	400	Horizontal	Pass
4**	7553.232	36.27	54.0	17.73	AV	332.00	400	Horizontal	Pass
5	12585.849	47.01	74.0	26.99	Peak	259.00	100	Horizontal	Pass
5**	12585.849	37.94	54.0	16.06	AV	259.00	100	Horizontal	Pass
6	15796.430	50.88	74.0	23.12	Peak	118.00	200	Horizontal	Pass
6**	15796.430	42.25	54.0	11.75	AV	118.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.253	51.30	74.0	22.70	Peak	0.00	200	Vertical	Pass
1**	1162.253	32.90	54.0	21.10	AV	0.00	200	Vertical	Pass
2	1332.105	43.29	74.0	30.71	Peak	223.00	300	Vertical	Pass
2**	1332.105	39.25	54.0	14.75	AV	223.00	300	Vertical	Pass
3	4928.032	45.64	74.0	28.36	Peak	247.00	200	Vertical	Pass
3**	4928.032	39.16	54.0	14.84	AV	247.00	200	Vertical	Pass
4	7936.004	51.64	74.0	22.37	Peak	2.00	400	Vertical	Pass
4**	7936.004	44.22	54.0	9.78	AV	2.00	400	Vertical	Pass
5	12494.340	53.56	74.0	20.44	Peak	97.00	200	Vertical	Pass
5**	12494.340	40.38	54.0	13.62	AV	97.00	200	Vertical	Pass
6	17101.940	53.98	74.0	20.02	Peak	234.00	200	Vertical	Pass
6**	17101.940	41.53	54.0	12.47	AV	234.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.994	37.22	74.0	36.78	Peak	111.00	400	Horizontal	Pass
1**	1455.994	28.19	54.0	25.81	AV	111.00	400	Horizontal	Pass
2	3949.440	47.82	74.0	26.18	Peak	264.00	300	Horizontal	Pass
2**	3949.440	38.71	54.0	15.29	AV	264.00	300	Horizontal	Pass
3	4898.864	50.12	74.0	23.88	Peak	111.00	200	Horizontal	Pass
3**	4898.864	40.19	54.0	13.81	AV	111.00	200	Horizontal	Pass
4	7552.354	45.67	74.0	28.33	Peak	89.00	200	Horizontal	Pass
4**	7552.354	36.18	54.0	17.82	AV	89.00	200	Horizontal	Pass
5	12589.652	46.78	74.0	27.22	Peak	330.00	100	Horizontal	Pass
5**	12589.652	37.67	54.0	16.33	AV	330.00	100	Horizontal	Pass
6	15799.216	50.77	74.0	23.23	Peak	80.00	400	Horizontal	Pass
6**	15799.216	42.19	54.0	11.81	AV	80.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.632	51.01	74.0	22.99	Peak	177.00	300	Vertical	Pass
1**	1161.632	32.62	54.0	21.38	AV	177.00	300	Vertical	Pass
2	1336.213	43.12	74.0	30.88	Peak	333.00	200	Vertical	Pass
2**	1336.213	39.00	54.0	15.01	AV	333.00	200	Vertical	Pass
3	4924.632	45.51	74.0	28.49	Peak	297.00	200	Vertical	Pass
3**	4924.632	39.01	54.0	14.99	AV	297.00	200	Vertical	Pass
4	7934.802	51.35	74.0	22.65	Peak	132.00	300	Vertical	Pass
4**	7934.802	42.97	54.0	11.03	AV	132.00	300	Vertical	Pass
5	12489.894	53.42	74.0	20.58	Peak	121.00	400	Vertical	Pass
5**	12489.894	40.17	54.0	13.83	AV	121.00	400	Vertical	Pass
6	17107.032	53.82	74.0	20.18	Peak	296.00	300	Vertical	Pass
6**	17107.032	41.50	54.0	12.51	AV	296.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.478	37.11	74.0	36.89	Peak	310.00	300	Horizontal	Pass
1**	1454.478	27.96	54.0	26.05	AV	310.00	300	Horizontal	Pass
2	3947.586	47.63	74.0	26.37	Peak	28.00	200	Horizontal	Pass
2**	3947.586	38.60	54.0	15.40	AV	28.00	200	Horizontal	Pass
3	4903.413	49.95	74.0	24.05	Peak	105.00	200	Horizontal	Pass
3**	4903.413	40.09	54.0	13.91	AV	105.00	200	Horizontal	Pass
4	7552.239	45.54	74.0	28.46	Peak	351.00	300	Horizontal	Pass
4**	7552.239	36.07	54.0	17.93	AV	351.00	300	Horizontal	Pass
5	12586.478	46.71	74.0	27.29	Peak	34.00	100	Horizontal	Pass
5**	12586.478	37.60	54.0	16.40	AV	34.00	100	Horizontal	Pass
6	15801.690	50.54	74.0	23.46	Peak	333.00	400	Horizontal	Pass
6**	15801.690	42.03	54.0	11.97	AV	333.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.767	50.95	74.0	23.05	Peak	26.00	100	Vertical	Pass
1**	1162.767	32.39	54.0	21.62	AV	26.00	100	Vertical	Pass
2	1334.055	42.93	74.0	31.07	Peak	332.00	200	Vertical	Pass
2**	1334.055	38.94	54.0	15.06	AV	332.00	200	Vertical	Pass
3	4929.228	45.34	74.0	28.66	Peak	50.00	200	Vertical	Pass
3**	4929.228	38.99	54.0	15.01	AV	50.00	200	Vertical	Pass
4	7938.931	51.30	74.0	22.70	Peak	125.00	400	Vertical	Pass
4**	7938.931	42.85	54.0	11.15	AV	125.00	400	Vertical	Pass
5	12493.474	53.24	74.0	20.77	Peak	31.00	100	Vertical	Pass
5**	12493.474	39.88	54.0	14.12	AV	31.00	100	Vertical	Pass
6	17101.555	53.67	74.0	20.33	Peak	83.00	100	Vertical	Pass
6**	17101.555	41.29	54.0	12.72	AV	83.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.712	37.03	74.0	36.97	Peak	146.00	400	Horizontal	Pass
1**	1461.712	27.84	54.0	26.16	AV	146.00	400	Horizontal	Pass
2	3945.925	47.37	74.0	26.63	Peak	257.00	400	Horizontal	Pass
2**	3945.925	38.52	54.0	15.49	AV	257.00	400	Horizontal	Pass
3	4905.550	49.78	74.0	24.22	Peak	230.00	200	Horizontal	Pass
3**	4905.550	39.87	54.0	14.13	AV	230.00	200	Horizontal	Pass
4	7556.546	45.52	74.0	28.48	Peak	343.00	400	Horizontal	Pass
4**	7556.546	35.85	54.0	18.15	AV	343.00	400	Horizontal	Pass
5	12589.707	46.59	74.0	27.41	Peak	343.00	400	Horizontal	Pass
5**	12589.707	37.37	54.0	16.64	AV	343.00	400	Horizontal	Pass
6	15797.011	50.32	74.0	23.68	Peak	241.00	300	Horizontal	Pass
6**	15797.011	41.93	54.0	12.07	AV	241.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.813	51.40	74.0	22.60	Peak	315.00	400	Vertical	Pass
1**	1161.813	33.04	54.0	20.96	AV	315.00	400	Vertical	Pass
2	1333.345	43.37	74.0	30.63	Peak	181.00	300	Vertical	Pass
2**	1333.345	39.29	54.0	14.72	AV	181.00	300	Vertical	Pass
3	4923.830	45.87	74.0	28.13	Peak	355.00	200	Vertical	Pass
3**	4923.830	39.44	54.0	14.56	AV	355.00	200	Vertical	Pass
4	7937.030	52.12	74.0	21.88	Peak	26.00	300	Vertical	Pass
4**	7937.030	43.28	54.0	10.72	AV	26.00	300	Vertical	Pass
5	12495.982	53.89	74.0	20.11	Peak	117.00	400	Vertical	Pass
5**	12495.982	40.44	54.0	13.56	AV	117.00	400	Vertical	Pass
6	17099.704	54.04	74.0	19.96	Peak	133.00	200	Vertical	Pass
6**	17099.704	41.70	54.0	12.31	AV	133.00	200	Vertical	Pass

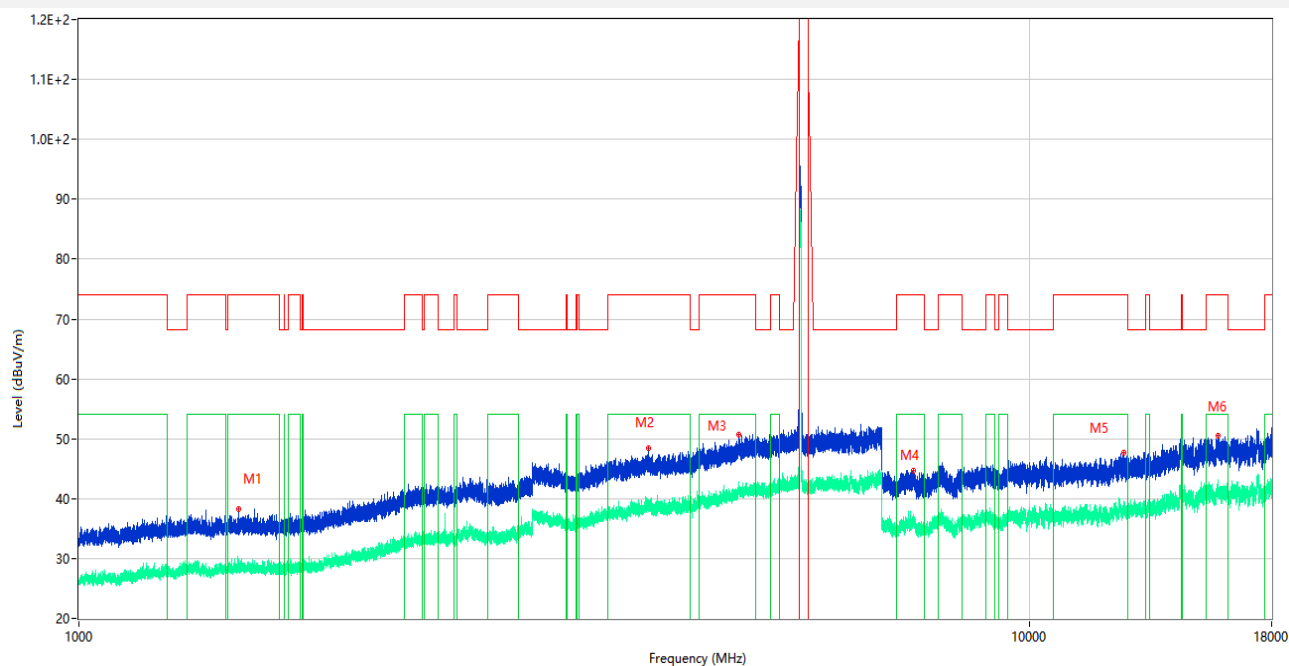
11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.696	37.78	74.0	36.22	Peak	29.00	200	Horizontal	Pass
1**	1457.696	28.45	54.0	25.55	AV	29.00	200	Horizontal	Pass
2	3946.938	48.12	74.0	25.88	Peak	164.00	400	Horizontal	Pass
2**	3946.938	38.89	54.0	15.11	AV	164.00	400	Horizontal	Pass
3	4904.807	50.54	74.0	23.46	Peak	99.00	200	Horizontal	Pass
3**	4904.807	40.71	54.0	13.30	AV	99.00	200	Horizontal	Pass
4	7555.503	46.03	74.0	27.97	Peak	156.00	100	Horizontal	Pass
4**	7555.503	36.49	54.0	17.52	AV	156.00	100	Horizontal	Pass
5	12590.332	47.22	74.0	26.78	Peak	195.00	300	Horizontal	Pass
5**	12590.332	37.87	54.0	16.14	AV	195.00	300	Horizontal	Pass
6	15796.979	50.91	74.0	23.10	Peak	103.00	200	Horizontal	Pass
6**	15796.979	42.30	54.0	11.70	AV	103.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.356	51.30	74.0	22.70	Peak	8.00	400	Vertical	Pass
1**	1155.356	33.10	54.0	20.90	AV	8.00	400	Vertical	Pass
2	1338.359	43.46	74.0	30.54	Peak	192.00	400	Vertical	Pass
2**	1338.359	39.52	54.0	14.48	AV	192.00	400	Vertical	Pass
3	4924.934	45.86	74.0	28.14	Peak	238.00	200	Vertical	Pass
3**	4924.934	39.37	54.0	14.63	AV	238.00	200	Vertical	Pass
4	7931.623	52.13	74.0	21.87	Peak	61.00	100	Vertical	Pass
4**	7931.623	42.26	54.0	11.74	AV	61.00	100	Vertical	Pass
5	12495.839	53.90	74.0	20.10	Peak	174.00	200	Vertical	Pass
5**	12495.839	40.46	54.0	13.54	AV	174.00	200	Vertical	Pass
6	17105.332	54.31	74.0	19.69	Peak	302.00	400	Vertical	Pass
6**	17105.332	41.79	54.0	12.22	AV	302.00	400	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.796	38.34	74.0	35.66	Peak	318.00	300	Horizontal	Pass
1**	1473.796	28.12	54.0	25.88	AV	318.00	300	Horizontal	Pass
2	3974.820	48.71	74.0	25.29	Peak	85.00	300	Horizontal	Pass
2**	3974.820	39.00	54.0	15.00	AV	85.00	300	Horizontal	Pass
3	4944.524	50.82	74.0	23.18	Peak	181.00	200	Horizontal	Pass
3**	4944.524	41.40	54.0	12.60	AV	181.00	200	Horizontal	Pass
4	7549.668	44.93	74.0	29.07	Peak	264.00	300	Horizontal	Pass
4**	7549.668	36.81	54.0	17.19	AV	264.00	300	Horizontal	Pass
5	12579.435	47.66	74.0	26.34	Peak	92.00	100	Horizontal	Pass
5**	12579.435	38.75	54.0	15.25	AV	92.00	100	Horizontal	Pass
6	15793.346	50.68	74.0	23.32	Peak	333.00	100	Horizontal	Pass
6**	15793.346	43.96	54.0	10.04	AV	333.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.511	50.34	74.0	23.67	Peak	268.00	200	Vertical	Pass
1**	1157.511	31.81	54.0	22.20	AV	268.00	200	Vertical	Pass
2	1333.031	49.14	74.0	24.86	Peak	89.00	200	Vertical	Pass
2**	1333.031	36.04	54.0	17.96	AV	89.00	200	Vertical	Pass
3	4933.595	50.19	74.0	23.81	Peak	240.00	200	Vertical	Pass
3**	4933.595	38.08	54.0	15.92	AV	240.00	200	Vertical	Pass
4	7938.042	49.98	74.0	24.03	Peak	72.00	200	Vertical	Pass
4**	7938.042	41.04	54.0	12.96	AV	72.00	200	Vertical	Pass
5	12491.537	55.22	74.0	18.78	Peak	32.00	400	Vertical	Pass
5**	12491.537	42.78	54.0	11.22	AV	32.00	400	Vertical	Pass
6	17103.825	56.34	74.0	17.66	Peak	142.00	100	Vertical	Pass
6**	17103.825	42.72	54.0	11.28	AV	142.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.456	38.19	74.0	35.81	Peak	5.00	300	Horizontal	Pass
1**	1475.456	27.90	54.0	26.10	AV	5.00	300	Horizontal	Pass
2	3978.134	48.61	74.0	25.39	Peak	296.00	100	Horizontal	Pass
2**	3978.134	38.72	54.0	15.28	AV	296.00	100	Horizontal	Pass
3	4948.353	50.54	74.0	23.46	Peak	303.00	200	Horizontal	Pass
3**	4948.353	41.28	54.0	12.72	AV	303.00	200	Horizontal	Pass
4	7553.682	44.90	74.0	29.10	Peak	59.00	400	Horizontal	Pass
4**	7553.682	36.53	54.0	17.47	AV	59.00	400	Horizontal	Pass
5	12582.362	47.44	74.0	26.56	Peak	290.00	200	Horizontal	Pass
5**	12582.362	38.55	54.0	15.45	AV	290.00	200	Horizontal	Pass
6	15793.587	50.63	74.0	23.37	Peak	319.00	300	Horizontal	Pass
6**	15793.587	42.25	54.0	11.75	AV	319.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.144	50.11	74.0	23.89	Peak	205.00	100	Vertical	Pass
1**	1162.144	31.56	54.0	22.44	AV	205.00	100	Vertical	Pass
2	1336.966	48.91	74.0	25.09	Peak	209.00	300	Vertical	Pass
2**	1336.966	35.84	54.0	18.16	AV	209.00	300	Vertical	Pass
3	4933.645	50.01	74.0	23.99	Peak	360.00	200	Vertical	Pass
3**	4933.645	37.99	54.0	16.01	AV	360.00	200	Vertical	Pass
4	7937.571	49.95	74.0	24.06	Peak	44.00	300	Vertical	Pass
4**	7937.571	40.84	54.0	13.16	AV	44.00	300	Vertical	Pass
5	12490.831	54.96	74.0	19.04	Peak	239.00	400	Vertical	Pass
5**	12490.831	42.53	54.0	11.47	AV	239.00	400	Vertical	Pass
6	17101.529	56.33	74.0	17.67	Peak	117.00	100	Vertical	Pass
6**	17101.529	42.66	54.0	11.34	AV	117.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.963	37.96	74.0	36.04	Peak	167.00	400	Horizontal	Pass
1**	1473.963	27.78	54.0	26.22	AV	167.00	400	Horizontal	Pass
2	3976.823	48.31	74.0	25.69	Peak	114.00	400	Horizontal	Pass
2**	3976.823	38.54	54.0	15.46	AV	114.00	400	Horizontal	Pass
3	4946.938	50.39	74.0	23.61	Peak	318.00	200	Horizontal	Pass
3**	4946.938	41.25	54.0	12.75	AV	318.00	200	Horizontal	Pass
4	7554.396	44.70	74.0	29.30	Peak	62.00	300	Horizontal	Pass
4**	7554.396	36.53	54.0	17.48	AV	62.00	300	Horizontal	Pass
5	12580.137	47.27	74.0	26.73	Peak	228.00	300	Horizontal	Pass
5**	12580.137	38.32	54.0	15.68	AV	228.00	300	Horizontal	Pass
6	15793.899	50.42	74.0	23.58	Peak	332.00	300	Horizontal	Pass
6**	15793.899	41.96	54.0	12.05	AV	332.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.346	49.93	74.0	24.07	Peak	8.00	100	Vertical	Pass
1**	1157.346	31.39	54.0	22.61	AV	8.00	100	Vertical	Pass
2	1330.526	48.84	74.0	25.16	Peak	112.00	400	Vertical	Pass
2**	1330.526	35.59	54.0	18.41	AV	112.00	400	Vertical	Pass
3	4933.274	49.88	74.0	24.12	Peak	327.00	200	Vertical	Pass
3**	4933.274	37.80	54.0	16.20	AV	327.00	200	Vertical	Pass
4	7940.085	49.69	74.0	24.32	Peak	51.00	200	Vertical	Pass
4**	7940.085	40.61	54.0	13.39	AV	51.00	200	Vertical	Pass
5	12491.789	54.91	74.0	19.09	Peak	30.00	400	Vertical	Pass
5**	12491.789	42.48	54.0	11.52	AV	30.00	400	Vertical	Pass
6	17102.526	56.21	74.0	17.79	Peak	338.00	400	Vertical	Pass
6**	17102.526	42.61	54.0	11.39	AV	338.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.738	37.86	74.0	36.14	Peak	15.00	300	Horizontal	Pass
1**	1472.738	27.62	54.0	26.38	AV	15.00	300	Horizontal	Pass
2	3979.246	48.20	74.0	25.81	Peak	50.00	100	Horizontal	Pass
2**	3979.246	38.38	54.0	15.62	AV	50.00	100	Horizontal	Pass
3	4942.008	50.36	74.0	23.64	Peak	12.00	200	Horizontal	Pass
3**	4942.008	40.98	54.0	13.02	AV	12.00	200	Horizontal	Pass
4	7547.858	44.46	74.0	29.54	Peak	11.00	300	Horizontal	Pass
4**	7547.858	36.23	54.0	17.77	AV	11.00	300	Horizontal	Pass
5	12580.472	47.20	74.0	26.80	Peak	241.00	300	Horizontal	Pass
5**	12580.472	38.09	54.0	15.91	AV	241.00	300	Horizontal	Pass
6	15796.057	50.24	74.0	23.76	Peak	221.00	100	Horizontal	Pass
6**	15796.057	41.90	54.0	12.10	AV	221.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.067	49.65	74.0	24.35	Peak	70.00	100	Vertical	Pass
1**	1160.067	31.32	54.0	22.68	AV	70.00	100	Vertical	Pass
2	1336.652	48.64	74.0	25.37	Peak	240.00	300	Vertical	Pass
2**	1336.652	35.52	54.0	18.48	AV	240.00	300	Vertical	Pass
3	4931.072	49.68	74.0	24.33	Peak	309.00	200	Vertical	Pass
3**	4931.072	37.73	54.0	16.27	AV	309.00	200	Vertical	Pass
4	7937.267	49.64	74.0	24.36	Peak	11.00	300	Vertical	Pass
4**	7937.267	40.45	54.0	13.56	AV	11.00	300	Vertical	Pass
5	12495.286	54.81	74.0	19.19	Peak	191.00	300	Vertical	Pass
5**	12495.286	43.45	54.0	10.55	AV	191.00	300	Vertical	Pass
6	17102.703	56.16	74.0	17.84	Peak	203.00	100	Vertical	Pass
6**	17102.703	42.32	54.0	10.68	AV	203.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.715	37.71	74.0	36.29	Peak	25.00	400	Horizontal	Pass
1**	1475.715	27.51	54.0	26.49	AV	25.00	400	Horizontal	Pass
2	3980.091	47.90	74.0	26.10	Peak	268.00	400	Horizontal	Pass
2**	3980.091	38.14	54.0	15.86	AV	268.00	400	Horizontal	Pass
3	4941.966	50.17	74.0	23.83	Peak	96.00	200	Horizontal	Pass
3**	4941.966	40.98	54.0	13.02	AV	96.00	200	Horizontal	Pass
4	7554.751	44.39	74.0	29.61	Peak	201.00	100	Horizontal	Pass
4**	7554.751	36.13	54.0	17.87	AV	201.00	100	Horizontal	Pass
5	12579.560	47.15	74.0	26.85	Peak	154.00	400	Horizontal	Pass
5**	12579.560	37.79	54.0	16.21	AV	154.00	400	Horizontal	Pass
6	15791.591	50.11	74.0	23.89	Peak	323.00	100	Horizontal	Pass
6**	15791.591	41.82	54.0	12.19	AV	323.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.580	49.65	74.0	24.35	Peak	207.00	100	Vertical	Pass
1**	1159.580	31.13	54.0	22.87	AV	207.00	100	Vertical	Pass
2	1336.891	48.56	74.0	25.44	Peak	100.00	100	Vertical	Pass
2**	1336.891	35.34	54.0	18.66	AV	100.00	100	Vertical	Pass
3	4926.709	49.64	74.0	24.36	Peak	211.00	200	Vertical	Pass
3**	4926.709	37.64	54.0	16.36	AV	211.00	200	Vertical	Pass
4	7938.940	49.64	74.0	24.36	Peak	134.00	300	Vertical	Pass
4**	7938.940	40.38	54.0	13.62	AV	134.00	300	Vertical	Pass
5	12496.735	54.58	74.0	19.42	Peak	204.00	200	Vertical	Pass
5**	12496.735	43.41	54.0	10.59	AV	204.00	200	Vertical	Pass
6	17102.078	55.90	74.0	18.10	Peak	221.00	400	Vertical	Pass
6**	17102.078	44.18	54.0	9.82	AV	221.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.797	37.64	74.0	36.37	Peak	159.00	200	Horizontal	Pass
1**	1468.797	27.48	54.0	26.52	AV	159.00	200	Horizontal	Pass
2	3973.524	47.65	74.0	26.35	Peak	82.00	200	Horizontal	Pass
2**	3973.524	38.01	54.0	15.99	AV	82.00	200	Horizontal	Pass
3	4949.014	50.06	74.0	23.94	Peak	46.00	200	Horizontal	Pass
3**	4949.014	40.93	54.0	13.07	AV	46.00	200	Horizontal	Pass
4	7549.946	44.11	74.0	29.89	Peak	88.00	300	Horizontal	Pass
4**	7549.946	35.87	54.0	18.13	AV	88.00	300	Horizontal	Pass
5	12577.507	46.89	74.0	27.11	Peak	30.00	200	Horizontal	Pass
5**	12577.507	37.74	54.0	16.26	AV	30.00	200	Horizontal	Pass
6	15795.389	49.82	74.0	24.18	Peak	208.00	300	Horizontal	Pass
6**	15795.389	41.66	54.0	12.34	AV	208.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.487	49.35	74.0	24.65	Peak	170.00	100	Vertical	Pass
1**	1158.487	30.86	54.0	23.14	AV	170.00	100	Vertical	Pass
2	1330.843	48.50	74.0	25.50	Peak	288.00	400	Vertical	Pass
2**	1330.843	35.23	54.0	18.77	AV	288.00	400	Vertical	Pass
3	4928.272	49.48	74.0	24.52	Peak	351.00	200	Vertical	Pass
3**	4928.272	37.43	54.0	16.57	AV	351.00	200	Vertical	Pass
4	7939.219	49.39	74.0	24.61	Peak	61.00	300	Vertical	Pass
4**	7939.219	40.09	54.0	13.91	AV	61.00	300	Vertical	Pass
5	12489.361	54.45	74.0	19.55	Peak	262.00	200	Vertical	Pass
5**	12489.361	43.20	54.0	10.80	AV	262.00	200	Vertical	Pass
6	17099.059	55.63	74.0	18.37	Peak	80.00	300	Vertical	Pass
6**	17099.059	43.15	54.0	10.85	AV	80.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.279	37.53	74.0	36.48	Peak	61.00	400	Horizontal	Pass
1**	1470.279	27.19	54.0	26.81	AV	61.00	400	Horizontal	Pass
2	3975.795	47.54	74.0	26.46	Peak	166.00	100	Horizontal	Pass
2**	3975.795	37.79	54.0	16.21	AV	166.00	100	Horizontal	Pass
3	4947.531	49.98	74.0	24.02	Peak	158.00	200	Horizontal	Pass
3**	4947.531	40.64	54.0	13.36	AV	158.00	200	Horizontal	Pass
4	7551.525	44.05	74.0	29.95	Peak	261.00	300	Horizontal	Pass
4**	7551.525	35.80	54.0	18.20	AV	261.00	300	Horizontal	Pass
5	12575.355	46.78	74.0	27.22	Peak	51.00	400	Horizontal	Pass
5**	12575.355	37.44	54.0	16.56	AV	51.00	400	Horizontal	Pass
6	15791.098	49.67	74.0	24.34	Peak	80.00	100	Horizontal	Pass
6**	15791.098	41.66	54.0	12.34	AV	80.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.337	49.24	74.0	24.76	Peak	81.00	200	Vertical	Pass
1**	1161.337	30.67	54.0	23.33	AV	81.00	200	Vertical	Pass
2	1330.626	48.36	74.0	25.64	Peak	351.00	200	Vertical	Pass
2**	1330.626	35.21	54.0	18.79	AV	351.00	200	Vertical	Pass
3	4928.836	49.43	74.0	24.57	Peak	197.00	200	Vertical	Pass
3**	4928.836	37.18	54.0	16.83	AV	197.00	200	Vertical	Pass
4	7935.882	49.32	74.0	24.68	Peak	286.00	200	Vertical	Pass
4**	7935.882	39.91	54.0	14.09	AV	286.00	200	Vertical	Pass
5	12490.916	54.26	74.0	19.74	Peak	130.00	100	Vertical	Pass
5**	12490.916	43.05	54.0	10.95	AV	130.00	100	Vertical	Pass
6	17104.548	55.48	74.0	18.52	Peak	139.00	300	Vertical	Pass
6**	17104.548	43.13	54.0	10.87	AV	139.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.886	38.24	74.0	35.76	Peak	94.00	400	Horizontal	Pass
1**	1469.886	28.07	54.0	25.93	AV	94.00	400	Horizontal	Pass
2	3979.637	48.55	74.0	25.45	Peak	21.00	300	Horizontal	Pass
2**	3979.637	38.76	54.0	15.24	AV	21.00	300	Horizontal	Pass
3	4946.210	50.76	74.0	23.24	Peak	218.00	200	Horizontal	Pass
3**	4946.210	41.16	54.0	12.84	AV	218.00	200	Horizontal	Pass
4	7552.565	44.72	74.0	29.28	Peak	230.00	300	Horizontal	Pass
4**	7552.565	36.53	54.0	17.47	AV	230.00	300	Horizontal	Pass
5	12578.072	47.41	74.0	26.59	Peak	310.00	200	Horizontal	Pass
5**	12578.072	38.54	54.0	15.46	AV	310.00	200	Horizontal	Pass
6	15791.764	50.51	74.0	23.49	Peak	40.00	100	Horizontal	Pass
6**	15791.764	42.33	54.0	11.67	AV	40.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.674	50.09	74.0	23.92	Peak	86.00	400	Vertical	Pass
1**	1157.674	31.51	54.0	22.49	AV	86.00	400	Vertical	Pass
2	1332.126	49.13	74.0	24.87	Peak	283.00	400	Vertical	Pass
2**	1332.126	35.80	54.0	18.20	AV	283.00	400	Vertical	Pass
3	4929.710	50.05	74.0	23.95	Peak	79.00	200	Vertical	Pass
3**	4929.710	37.83	54.0	16.17	AV	79.00	200	Vertical	Pass
4	7934.981	49.75	74.0	24.25	Peak	197.00	400	Vertical	Pass
4**	7934.981	40.81	54.0	13.19	AV	197.00	400	Vertical	Pass
5	12489.529	55.12	74.0	18.88	Peak	0.00	100	Vertical	Pass
5**	12489.529	42.72	54.0	11.28	AV	0.00	100	Vertical	Pass
6	17098.723	56.34	74.0	17.66	Peak	195.00	300	Vertical	Pass
6**	17098.723	42.70	54.0	11.30	AV	195.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.102	38.07	74.0	35.93	Peak	29.00	400	Horizontal	Pass
1**	1476.102	27.61	54.0	26.39	AV	29.00	400	Horizontal	Pass
2	3977.862	48.38	74.0	25.62	Peak	78.00	300	Horizontal	Pass
2**	3977.862	38.43	54.0	15.57	AV	78.00	300	Horizontal	Pass
3	4949.177	50.29	74.0	23.71	Peak	135.00	200	Horizontal	Pass
3**	4949.177	41.18	54.0	12.82	AV	135.00	200	Horizontal	Pass
4	7552.228	44.71	74.0	29.29	Peak	32.00	300	Horizontal	Pass
4**	7552.228	36.37	54.0	17.63	AV	32.00	300	Horizontal	Pass
5	12578.325	47.28	74.0	26.72	Peak	20.00	300	Horizontal	Pass
5**	12578.325	38.49	54.0	15.51	AV	20.00	300	Horizontal	Pass
6	15798.989	50.49	74.0	23.51	Peak	21.00	400	Horizontal	Pass
6**	15798.989	42.12	54.0	11.88	AV	21.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.218	49.85	74.0	24.15	Peak	256.00	200	Vertical	Pass
1**	1158.218	31.45	54.0	22.55	AV	256.00	200	Vertical	Pass
2	1334.077	48.64	74.0	25.36	Peak	333.00	100	Vertical	Pass
2**	1334.077	35.82	54.0	18.18	AV	333.00	100	Vertical	Pass
3	4928.237	49.84	74.0	24.16	Peak	317.00	200	Vertical	Pass
3**	4928.237	37.76	54.0	16.24	AV	317.00	200	Vertical	Pass
4	7940.595	49.93	74.0	24.07	Peak	293.00	300	Vertical	Pass
4**	7940.595	40.80	54.0	13.20	AV	293.00	300	Vertical	Pass
5	12496.942	54.90	74.0	19.10	Peak	108.00	100	Vertical	Pass
5**	12496.942	43.31	54.0	10.69	AV	108.00	100	Vertical	Pass
6	17104.498	56.17	74.0	17.84	Peak	316.00	100	Vertical	Pass
6**	17104.498	42.50	54.0	11.51	AV	316.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.597	37.89	74.0	36.11	Peak	191.00	100	Horizontal	Pass
1**	1473.597	27.49	54.0	26.51	AV	191.00	100	Horizontal	Pass
2	3974.249	48.29	74.0	25.71	Peak	354.00	200	Horizontal	Pass
2**	3974.249	38.45	54.0	15.55	AV	354.00	200	Horizontal	Pass
3	4943.333	50.14	74.0	23.86	Peak	284.00	200	Horizontal	Pass
3**	4943.333	41.14	54.0	12.86	AV	284.00	200	Horizontal	Pass
4	7552.124	44.69	74.0	29.31	Peak	124.00	200	Horizontal	Pass
4**	7552.124	36.34	54.0	17.66	AV	124.00	200	Horizontal	Pass
5	12577.450	47.21	74.0	26.79	Peak	51.00	400	Horizontal	Pass
5**	12577.450	38.18	54.0	15.82	AV	51.00	400	Horizontal	Pass
6	15796.644	50.38	74.0	23.62	Peak	71.00	300	Horizontal	Pass
6**	15796.644	41.67	54.0	12.33	AV	71.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.002	49.65	74.0	24.35	Peak	190.00	300	Vertical	Pass
1**	1160.002	31.10	54.0	22.90	AV	190.00	300	Vertical	Pass
2	1337.691	48.66	74.0	25.34	Peak	106.00	300	Vertical	Pass
2**	1337.691	35.58	54.0	18.42	AV	106.00	300	Vertical	Pass
3	4928.666	49.82	74.0	24.18	Peak	62.00	200	Vertical	Pass
3**	4928.666	37.75	54.0	16.26	AV	62.00	200	Vertical	Pass
4	7940.354	49.68	74.0	24.32	Peak	334.00	200	Vertical	Pass
4**	7940.354	40.45	54.0	13.55	AV	334.00	200	Vertical	Pass
5	12492.560	54.86	74.0	19.14	Peak	249.00	400	Vertical	Pass
5**	12492.560	43.39	54.0	10.61	AV	249.00	400	Vertical	Pass
6	17100.924	56.05	74.0	17.95	Peak	185.00	200	Vertical	Pass
6**	17100.924	42.49	54.0	11.51	AV	185.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.699	37.70	74.0	36.30	Peak	135.00	300	Horizontal	Pass
1**	1474.699	27.38	54.0	26.62	AV	135.00	300	Horizontal	Pass
2	3978.673	48.13	74.0	25.87	Peak	133.00	200	Horizontal	Pass
2**	3978.673	38.22	54.0	15.78	AV	133.00	200	Horizontal	Pass
3	4945.838	50.35	74.0	23.65	Peak	169.00	200	Horizontal	Pass
3**	4945.838	40.98	54.0	13.02	AV	169.00	200	Horizontal	Pass
4	7552.378	44.33	74.0	29.67	Peak	135.00	200	Horizontal	Pass
4**	7552.378	36.04	54.0	17.96	AV	135.00	200	Horizontal	Pass
5	12578.983	47.12	74.0	26.89	Peak	130.00	400	Horizontal	Pass
5**	12578.983	38.06	54.0	15.94	AV	130.00	400	Horizontal	Pass
6	15795.658	50.15	74.0	23.85	Peak	244.00	200	Horizontal	Pass
6**	15795.658	41.74	54.0	12.26	AV	244.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.814	49.36	74.0	24.65	Peak	196.00	400	Vertical	Pass
1**	1158.814	31.08	54.0	22.92	AV	196.00	400	Vertical	Pass
2	1333.038	48.44	74.0	25.56	Peak	290.00	200	Vertical	Pass
2**	1333.038	35.38	54.0	18.62	AV	290.00	200	Vertical	Pass
3	4927.946	49.63	74.0	24.37	Peak	0.00	200	Vertical	Pass
3**	4927.946	37.52	54.0	16.48	AV	0.00	200	Vertical	Pass
4	7938.266	49.47	74.0	24.53	Peak	89.00	200	Vertical	Pass
4**	7938.266	40.44	54.0	13.57	AV	89.00	200	Vertical	Pass
5	12490.918	54.75	74.0	19.25	Peak	271.00	200	Vertical	Pass
5**	12490.918	43.37	54.0	10.63	AV	271.00	200	Vertical	Pass
6	17104.362	55.90	74.0	18.10	Peak	281.00	200	Vertical	Pass
6**	17104.362	43.24	54.0	10.76	AV	281.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.961	37.69	74.0	36.31	Peak	34.00	300	Horizontal	Pass
1**	1471.961	27.29	54.0	26.71	AV	34.00	300	Horizontal	Pass
2	3973.426	47.77	74.0	26.23	Peak	20.00	200	Horizontal	Pass
2**	3973.426	38.11	54.0	15.89	AV	20.00	200	Horizontal	Pass
3	4949.115	50.11	74.0	23.89	Peak	8.00	200	Horizontal	Pass
3**	4949.115	40.71	54.0	13.29	AV	8.00	200	Horizontal	Pass
4	7550.967	44.16	74.0	29.84	Peak	220.00	200	Horizontal	Pass
4**	7550.967	35.84	54.0	18.16	AV	220.00	200	Horizontal	Pass
5	12578.525	47.11	74.0	26.89	Peak	226.00	100	Horizontal	Pass
5**	12578.525	37.59	54.0	16.41	AV	226.00	100	Horizontal	Pass
6	15794.479	49.84	74.0	24.16	Peak	349.00	300	Horizontal	Pass
6**	15794.479	41.71	54.0	12.29	AV	349.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.547	49.62	74.0	24.38	Peak	251.00	400	Vertical	Pass
1**	1156.547	30.90	54.0	23.10	AV	251.00	400	Vertical	Pass
2	1337.503	48.41	74.0	25.59	Peak	113.00	100	Vertical	Pass
2**	1337.503	35.09	54.0	18.91	AV	113.00	100	Vertical	Pass
3	4927.681	49.63	74.0	24.37	Peak	74.00	200	Vertical	Pass
3**	4927.681	37.61	54.0	16.40	AV	74.00	200	Vertical	Pass
4	7941.323	49.52	74.0	24.49	Peak	43.00	300	Vertical	Pass
4**	7941.323	40.24	54.0	13.76	AV	43.00	300	Vertical	Pass
5	12497.344	54.54	74.0	19.46	Peak	287.00	400	Vertical	Pass
5**	12497.344	43.26	54.0	10.74	AV	287.00	400	Vertical	Pass
6	17099.947	55.75	74.0	18.25	Peak	323.00	300	Vertical	Pass
6**	17099.947	43.10	54.0	10.91	AV	323.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.686	37.57	74.0	36.43	Peak	133.00	200	Horizontal	Pass
1**	1471.686	27.19	54.0	26.82	AV	133.00	200	Horizontal	Pass
2	3980.501	47.35	74.0	26.65	Peak	214.00	200	Horizontal	Pass
2**	3980.501	38.00	54.0	16.00	AV	214.00	200	Horizontal	Pass
3	4946.856	49.86	74.0	24.14	Peak	322.00	200	Horizontal	Pass
3**	4946.856	40.88	54.0	13.12	AV	322.00	200	Horizontal	Pass
4	7552.163	43.86	74.0	30.14	Peak	22.00	200	Horizontal	Pass
4**	7552.163	35.77	54.0	18.24	AV	22.00	200	Horizontal	Pass
5	12577.058	46.86	74.0	27.14	Peak	116.00	300	Horizontal	Pass
5**	12577.058	37.45	54.0	16.55	AV	116.00	300	Horizontal	Pass
6	15793.006	49.79	74.0	24.21	Peak	279.00	200	Horizontal	Pass
6**	15793.006	41.61	54.0	12.39	AV	279.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.963	49.20	74.0	24.80	Peak	48.00	200	Vertical	Pass
1**	1159.963	30.67	54.0	23.33	AV	48.00	200	Vertical	Pass
2	1336.441	48.38	74.0	25.62	Peak	239.00	400	Vertical	Pass
2**	1336.441	35.11	54.0	18.89	AV	239.00	400	Vertical	Pass
3	4926.411	49.31	74.0	24.69	Peak	218.00	200	Vertical	Pass
3**	4926.411	37.32	54.0	16.68	AV	218.00	200	Vertical	Pass
4	7937.118	49.35	74.0	24.66	Peak	51.00	400	Vertical	Pass
4**	7937.118	39.86	54.0	14.14	AV	51.00	400	Vertical	Pass
5	12490.235	54.31	74.0	19.69	Peak	137.00	200	Vertical	Pass
5**	12490.235	43.18	54.0	10.82	AV	137.00	200	Vertical	Pass
6	17100.029	55.56	74.0	18.44	Peak	176.00	200	Vertical	Pass
6**	17100.029	43.10	54.0	10.90	AV	176.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

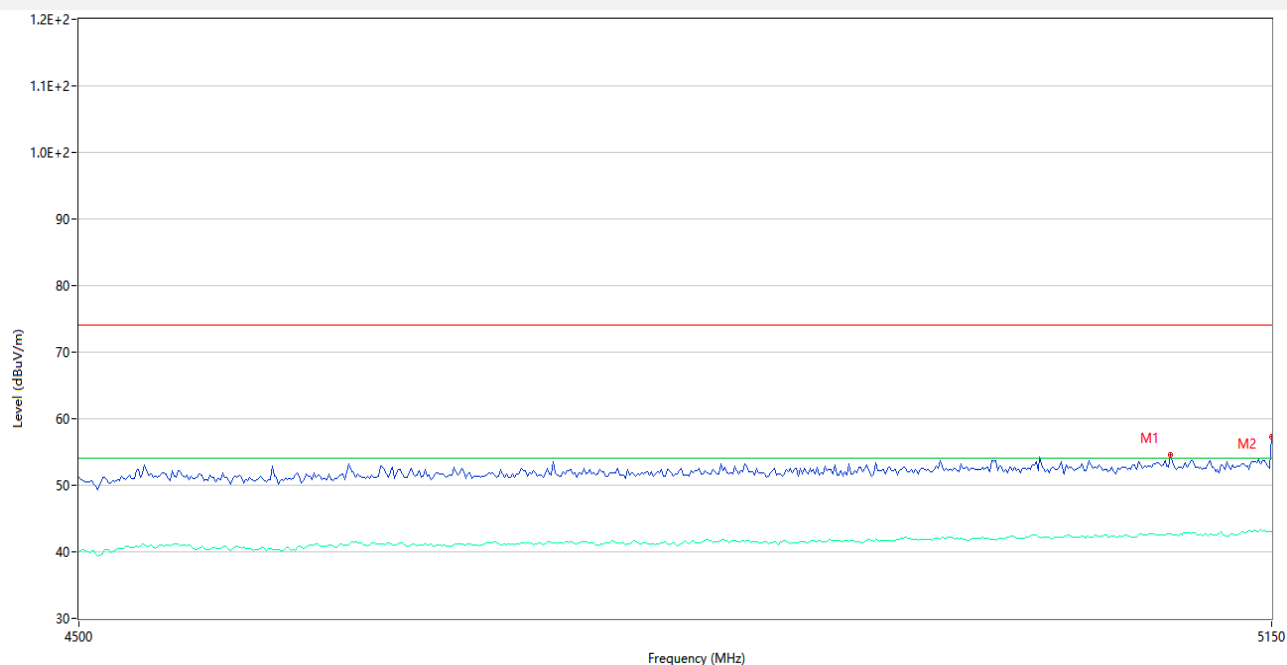
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass

Note ¹: All antenna were pre tested, but only the worst case has been reported in this report.

Note ²: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

U-NII-1 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5090.795	53.82	74.0	20.18	Peak	85.00	300	Horizontal	Pass
1**	5090.795	44.59	54.0	09.41	AV	85.00	300	Horizontal	Pass
2	5150.000	57.07	74.0	16.93	Peak	61.00	100	Horizontal	Pass
2**	5150.000	42.09	54.0	11.91	AV	61.00	100	Horizontal	Pass

U-NII-1 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.06	74.0	17.94	Peak	17.00	300	Horizontal	Pass
1**	5350.000	44.60	54.0	9.40	AV	17.00	300	Horizontal	Pass
2	5396.378	56.38	74.0	17.62	Peak	162.00	100	Horizontal	Pass
2**	5396.378	44.25	54.0	9.75	AV	162.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5090.597	54.37	74.0	19.63	Peak	118.00	300	Horizontal	Pass
1**	5090.597	41.86	54.0	12.14	AV	118.00	300	Horizontal	Pass
2	5150.000	56.36	74.0	17.64	Peak	264.00	300	Horizontal	Pass
2**	5150.000	42.00	54.0	12.00	AV	264.00	300	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.25	74.0	17.75	Peak	309.00	300	Horizontal	Pass
1**	5350.000	44.40	54.0	9.60	AV	309.00	300	Horizontal	Pass
2	5396.234	56.41	74.0	17.59	Peak	130.00	300	Horizontal	Pass
2**	5396.234	44.19	54.0	9.81	AV	130.00	300	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.761	62.22	74.0	11.78	Peak	208.00	200	Horizontal	Pass
1**	5146.761	44.38	54.0	9.62	AV	208.00	200	Horizontal	Pass
2	5150.000	60.09	74.0	13.91	Peak	164.00	300	Horizontal	Pass
2**	5150.000	44.20	54.0	9.80	AV	164.00	300	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.20	74.0	17.80	Peak	295.00	200	Horizontal	Pass
1**	5350.000	44.50	54.0	9.50	AV	295.00	200	Horizontal	Pass
2	5395.883	56.86	74.0	17.14	Peak	322.00	100	Horizontal	Pass
2**	5395.883	44.42	54.0	9.58	AV	322.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.764	61.54	74.0	12.46	Peak	223.00	100	Horizontal	Pass
1**	5147.764	44.76	54.0	9.24	AV	223.00	100	Horizontal	Pass
2	5150.000	59.19	74.0	14.81	Peak	299.00	200	Horizontal	Pass
2**	5150.000	44.23	54.0	9.77	AV	299.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.42	74.0	18.58	Peak	232.00	100	Horizontal	Pass
1**	5350.000	43.96	54.0	10.04	AV	232.00	100	Horizontal	Pass
2	5398.126	56.90	74.0	17.10	Peak	153.00	100	Horizontal	Pass
2**	5398.126	44.54	54.0	9.46	AV	153.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.307	61.93	74.0	12.07	Peak	4.00	200	Horizontal	Pass
1**	5147.307	43.82	54.0	10.18	AV	4.00	200	Horizontal	Pass
2	5150.000	59.26	74.0	14.74	Peak	84.00	200	Horizontal	Pass
2**	5150.000	43.85	54.0	10.15	AV	84.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel

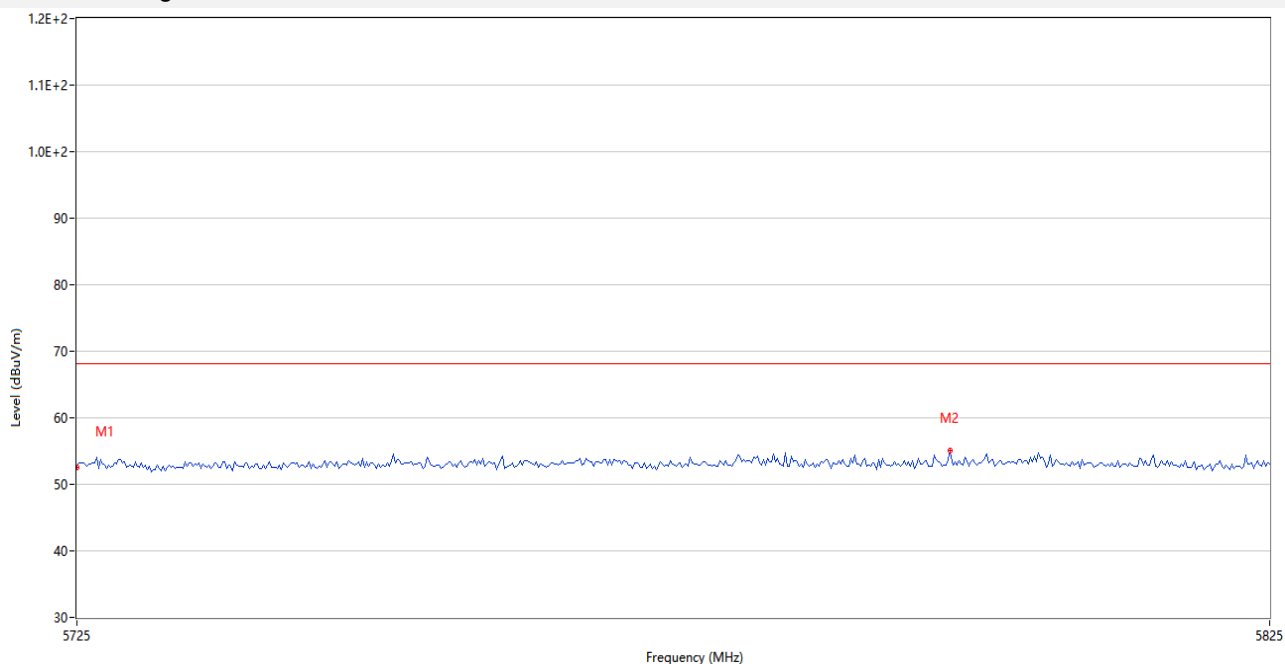
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.28	74.0	17.72	Peak	330.00	100	Horizontal	Pass
1**	5350.000	43.87	54.0	10.13	AV	330.00	100	Horizontal	Pass
2	5397.902	56.47	74.0	17.53	Peak	346.00	200	Horizontal	Pass
2**	5397.902	44.22	54.0	9.78	AV	346.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5375.205	54.01	74.0	19.99	Peak	30.00	200	Horizontal	Pass
1**	5375.102	41.84	54.0	12.16	AV	30.00	200	Horizontal	Pass
2	5460.000	52.17	74.0	21.83	Peak	73.00	200	Horizontal	Pass
2**	5460.000	43.97	54.0	10.03	AV	73.00	200	Horizontal	Pass
3	5469.155	54.55	68.2	13.65	Peak	103.00	100	Horizontal	Pass
3**	5469.084	42.97	--	--	AV	103.00	100	Horizontal	N/A
4	5470.000	55.59	68.2	12.61	Peak	117.00	200	Horizontal	Pass
4**	5470.000	42.90	--	--	AV	117.00	200	Horizontal	N/A

U-NII-2C 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.35	68.2	12.85	Peak	7.00	200	Horizontal	Pass
2	5777.587	57.94	68.2	10.26	Peak	138.00	300	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5375.092	57.25	74.0	16.75	Peak	96.00	100	Horizontal	Pass
1**	5373.346	43.65	54.0	10.35	AV	96.00	100	Horizontal	Pass
2	5460.000	56.35	74.0	17.65	Peak	346.00	300	Horizontal	Pass
2**	5460.000	43.52	54.0	10.48	AV	346.00	300	Horizontal	Pass
3	5466.913	56.85	68.2	11.35	Peak	43.00	100	Horizontal	Pass
3**	5467.601	46.82	--	--	AV	43.00	100	Horizontal	N/A
4	5470.000	55.73	68.2	12.47	Peak	137.00	200	Horizontal	Pass
4**	5470.000	46.37	--	--	AV	137.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.70	68.2	12.50	Peak	330.00	200	Horizontal	Pass
2	5775.020	57.29	68.2	10.91	Peak	228.00	300	Horizontal	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5373.915	57.38	74.0	16.62	Peak	116.00	200	Horizontal	Pass
1**	5375.567	43.75	54.0	10.25	AV	116.00	200	Horizontal	Pass
2	5460.000	56.43	74.0	17.57	Peak	120.00	100	Horizontal	Pass
2**	5460.000	43.55	54.0	10.45	AV	120.00	100	Horizontal	Pass
3	5468.317	56.97	68.2	11.23	Peak	278.00	100	Horizontal	Pass
3**	5469.069	47.16	--	--	AV	278.00	100	Horizontal	N/A
4	5470.000	54.79	68.2	13.41	Peak	177.00	100	Horizontal	Pass
4**	5470.000	46.53	--	--	AV	177.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.62	68.2	12.58	Peak	84.00	300	Horizontal	Pass
2	5777.388	57.30	68.2	10.90	Peak	61.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5374.294	56.83	74.0	17.17	Peak	273.00	200	Horizontal	Pass
1**	5373.931	43.27	54.0	10.73	AV	273.00	200	Horizontal	Pass
2	5460.000	55.65	74.0	18.35	Peak	50.00	300	Horizontal	Pass
2**	5460.000	45.98	54.0	8.02	AV	50.00	300	Horizontal	Pass
3	5467.151	56.88	68.2	11.32	Peak	197.00	200	Horizontal	Pass
3**	5466.938	46.26	--	--	AV	197.00	200	Horizontal	N/A
4	5470.000	55.04	68.2	13.16	Peak	305.00	200	Horizontal	Pass
4**	5470.000	46.93	--	--	AV	305.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.99	68.2	13.21	Peak	149.00	200	Horizontal	Pass
2	5776.456	56.89	68.2	11.31	Peak	207.00	100	Horizontal	Pass

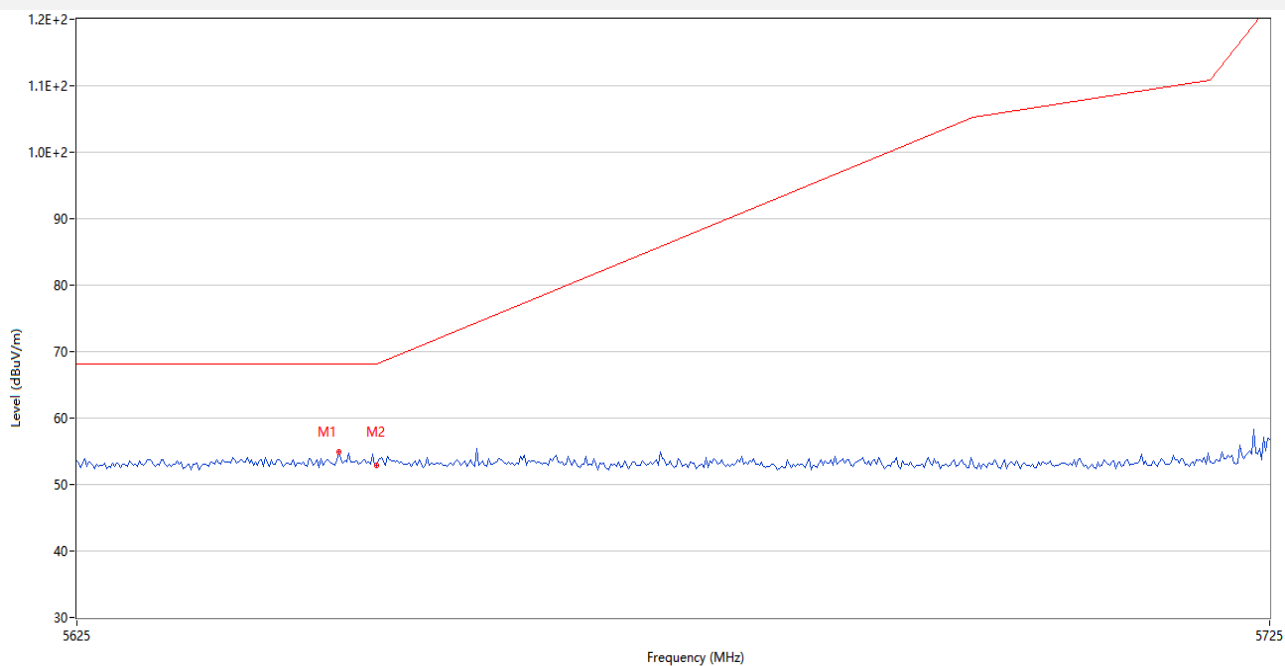
U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5373.466	56.87	74.0	17.13	Peak	57.00	200	Horizontal	Pass
1**	5374.957	43.42	54.0	10.58	AV	57.00	200	Horizontal	Pass
2	5460.000	56.12	74.0	17.88	Peak	314.00	200	Horizontal	Pass
2**	5460.000	43.22	54.0	10.78	AV	314.00	200	Horizontal	Pass
3	5468.527	57.22	68.2	10.98	Peak	7.00	300	Horizontal	Pass
3**	5469.245	46.22	--	--	AV	7.00	300	Horizontal	N/A
4	5470.000	54.79	68.2	13.41	Peak	280.00	200	Horizontal	Pass
4**	5470.000	46.00	--	--	AV	280.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel

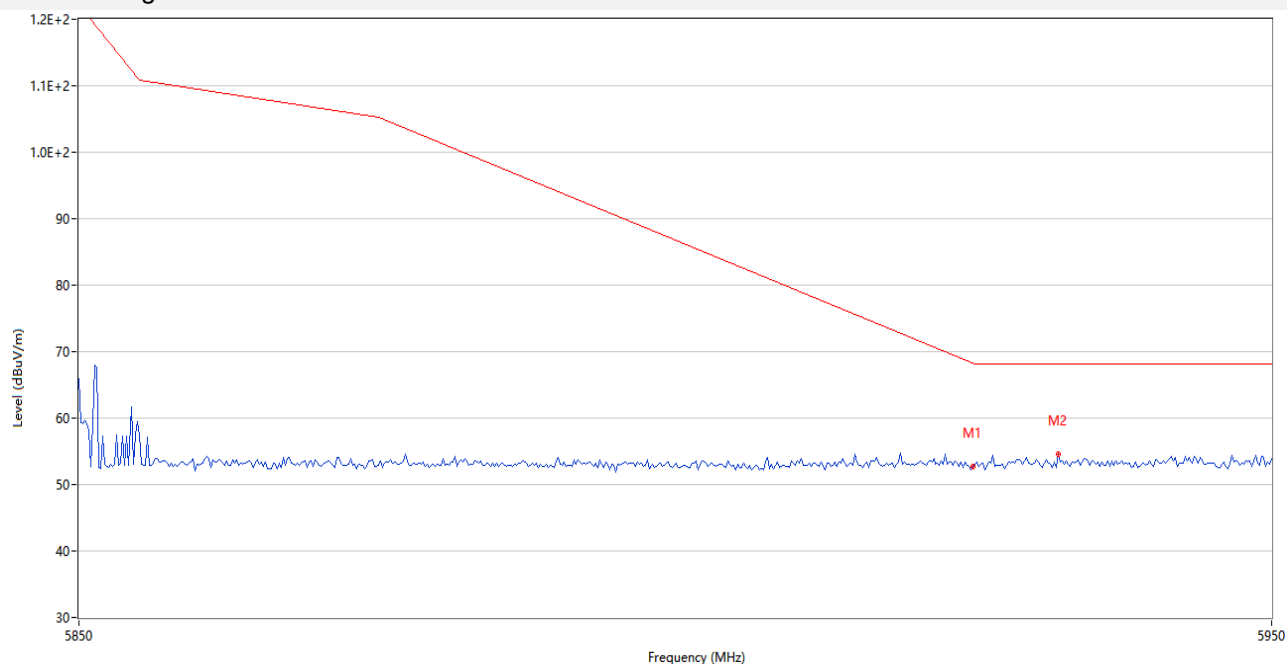
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.12	68.2	13.08	Peak	89.00	200	Horizontal	Pass
2	5776.259	57.49	68.2	10.71	Peak	14.00	100	Horizontal	Pass

U-NII-3 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.872	54.85	68.2	13.35	Peak	85.00	200	Horizontal	Pass
2	5650.000	52.74	68.2	15.46	Peak	85.00	200	Horizontal	Pass

U-NII-3 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.86	68.2	13.34	Peak	155.00	200	Horizontal	Pass
2	5944.374	57.55	68.2	10.65	Peak	187.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.808	52.744	68.2	15.46	Peak	240.00	300	Horizontal	Pass
2	5650.000	53.499	68.2	14.70	Peak	240.00	300	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	53.574	68.2	14.63	Peak	209.00	200	Horizontal	Pass
2	5947.105	54.561	68.2	13.64	Peak	324.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.934	49.984	68.2	18.22	Peak	254.00	100	Horizontal	Pass
2	5650.000	50.609	68.2	17.59	Peak	254.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	51.984	68.2	16.22	Peak	51.00	200	Horizontal	Pass
2	5947.695	54.311	68.2	13.89	Peak	16.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.880	48.904	68.2	19.30	Peak	104.00	200	Horizontal	Pass
2	5650.000	50.599	68.2	17.60	Peak	104.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	52.764	68.2	15.44	Peak	166.00	300	Horizontal	Pass
2	5947.707	53.311	68.2	14.89	Peak	126.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.384	49.714	68.2	18.49	Peak	51.00	100	Horizontal	Pass
2	5650.000	50.459	68.2	17.74	Peak	51.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	51.104	68.2	17.10	Peak	43.00	100	Horizontal	Pass
2	5948.170	52.091	68.2	16.11	Peak	353.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2640004-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2640004-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2640004-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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