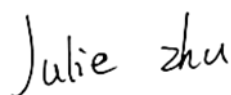
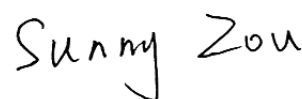


TEST REPORT

Applicant: Hunan Greatwall Computer System Co., Ltd
Address: Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province
Equipment Type: Smart Projector
Model Name: T110 (refer to section 2.3)
Brand Name: N/A
FCC ID: 2APUQ-T110
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Apr. 25, 2024
Test Date: May 12, 2025 - Jun. 16, 2025
Date of Issue: Jul. 21, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jul. 21, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Hunan Greatwall Computer System Co., Ltd
Address	Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province

2.2 Manufacturer Information

Manufacturer	Hunan Greatwall Computer System Co., Ltd
Address	Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province

2.3 General Description for Equipment under Test (EUT)

EUT Name	Smart Projector
Model Name Under Test	T110
Series Model Name	T110-001, T110-002, T110-003, T110-004, T110-005, T110-006, T110-007, T110-008, T110-009, T110-010, T110-011, T110-012, W1, W1 Pro, W1 Ultra, W1 Max, W1s, W1-001, W1-002, W1-003, W1-004, W1-005, W1-006, W1-007, W1-008, W1-009, W1-010, W1-011, W1-012, T110L, T110L-001, T110L-002, T110L-003, T110L-004, T110L-005, T110L-006, T110L-007, T110L-008, T110L-009, T110L-010, T110L-011, T110L-012, F7800, F7800s, F7800 Pro, F7800 Ultra, F7800-001, F7800-002, F7800-003, F7800-004, F7800-005, F7800-006, F7800-007, F7800-008, F7800-009, F7800-010, F7800-011, F7800-012, T110D, T110D-001, T110D-002, T110D-003, T110D-004, T110D-005, T110D-006, T110DL, T110DL-001, T110DL-002, T110DL-003, T110DL-004, T110DL-005, T110DL-006
Description of Model name differentiation	a. There are two appearances for the product in total. The main differences lie in the presence or absence of a stand, the body color, and the position of the power port. b. All models have the same electrical parameters and circuit structure. For the two appearances with or without a stand, there is only a slight difference in the length of the internal power connection wire. (this information provided by the applicant)
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

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

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	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 31.63 mW U-NII-2A: 29.11 mW U-NII-2C: 32.14 mW U-NII-3: 31.62 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- Antenna 1 SISO- Antenna 2	Built-in Antenna
Antenna Gain	SISO- Antenna 1 SISO- Antenna 2	U-NII-1: 5150 MHz to 5250 MHz: 2.72 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.44 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.64 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.23 dBi U-NII-1: 5150 MHz to 5250 MHz: 2.88 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.34 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.13 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.13 dBi
Total directional gain	For power spectral density(PSD)	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 5.81 dBi U-NII-2A: 5250 MHz to 5350 MHz: 5.40 dBi

	measurements	U-NII-2C: 5470 MHz to 5725 MHz: 5.90 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.19 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 2.80 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.39 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.89 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.18 dBi Formulas: Directional gain = $GANT$
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 5.81 dBi U-NII-2A: 5250 MHz to 5350 MHz: 5.40 dBi U-NII-2C: 5470 MHz to 5725 MHz: 5.90 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.19 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 2.80 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.39 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.89 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.18 dBi Formulas: Directional gain = $GANT$
About the Product		The equipment is Smart Projector, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Antenna 1	SISO-Antenna 2	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
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		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

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

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Mid	5775
122	High	5610			

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155

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	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

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

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

Note ²: 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	54% to 60%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.8°C to +24.5°C
Working Voltage of the EUT	NV (Normal Voltage)	230 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2024.07.06	2027.07.05
Amplifier	COM-MV	ZT30-1000M	B2017119082	2024.11.28	2025.11.27
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

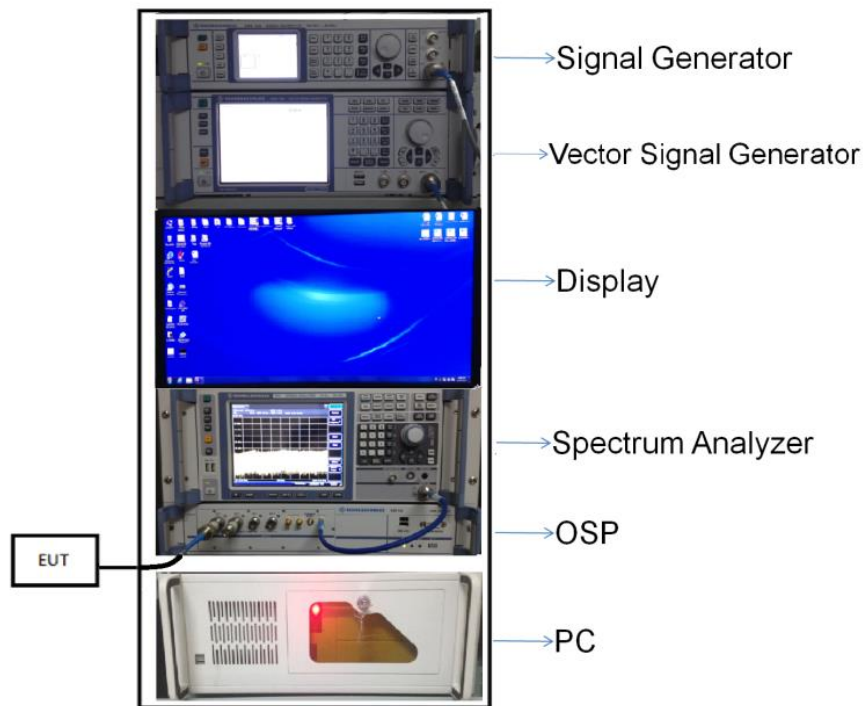
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

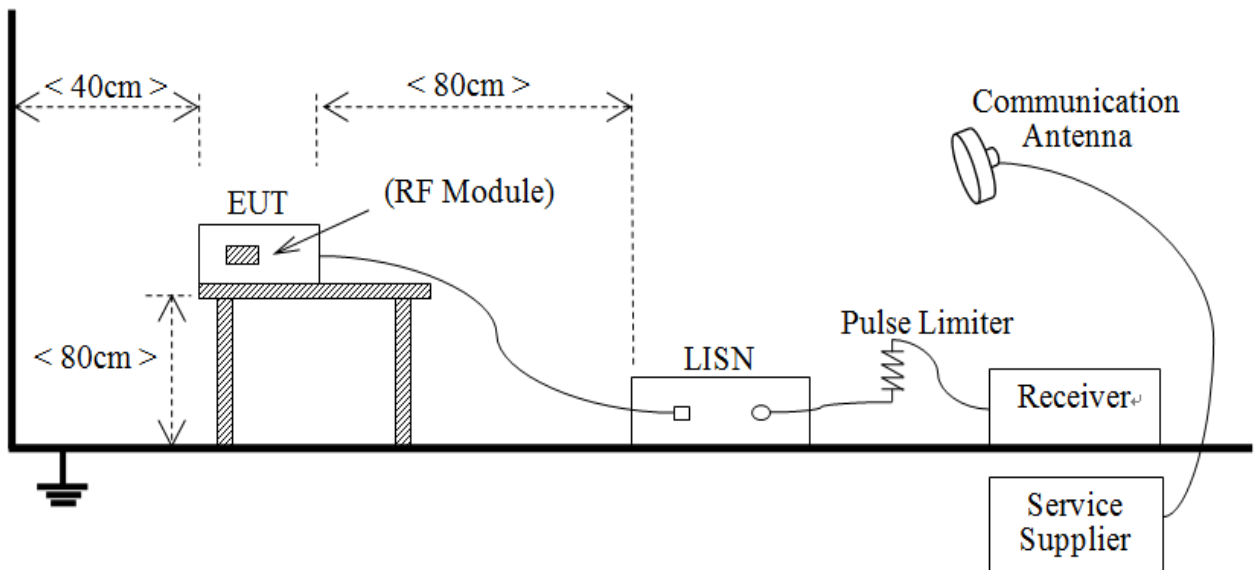
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



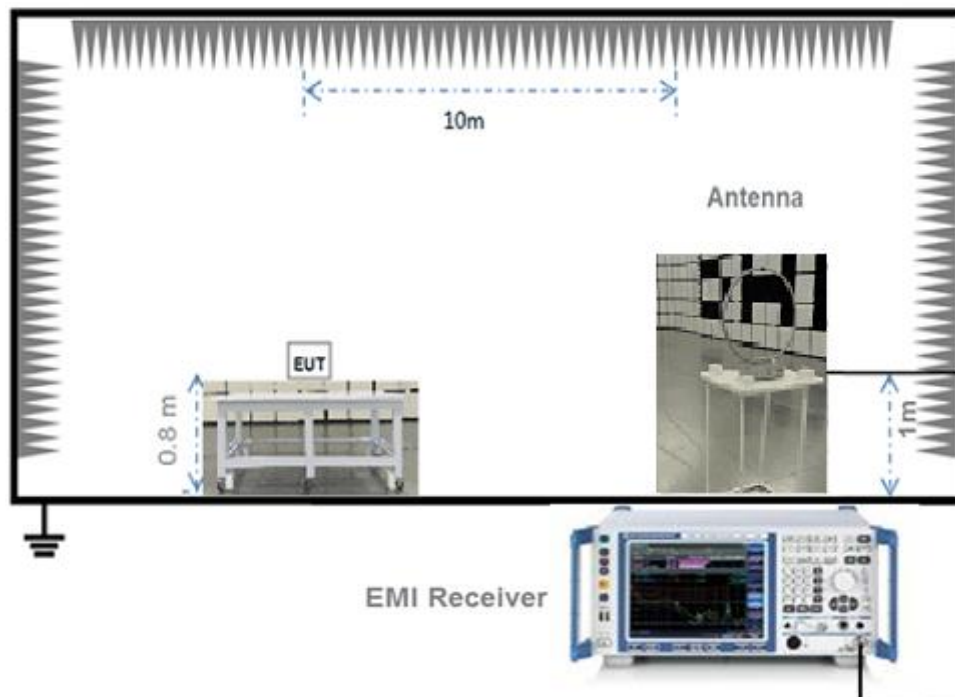
(Diagram 1)

4.5.2 For AC Power Supply Port Test



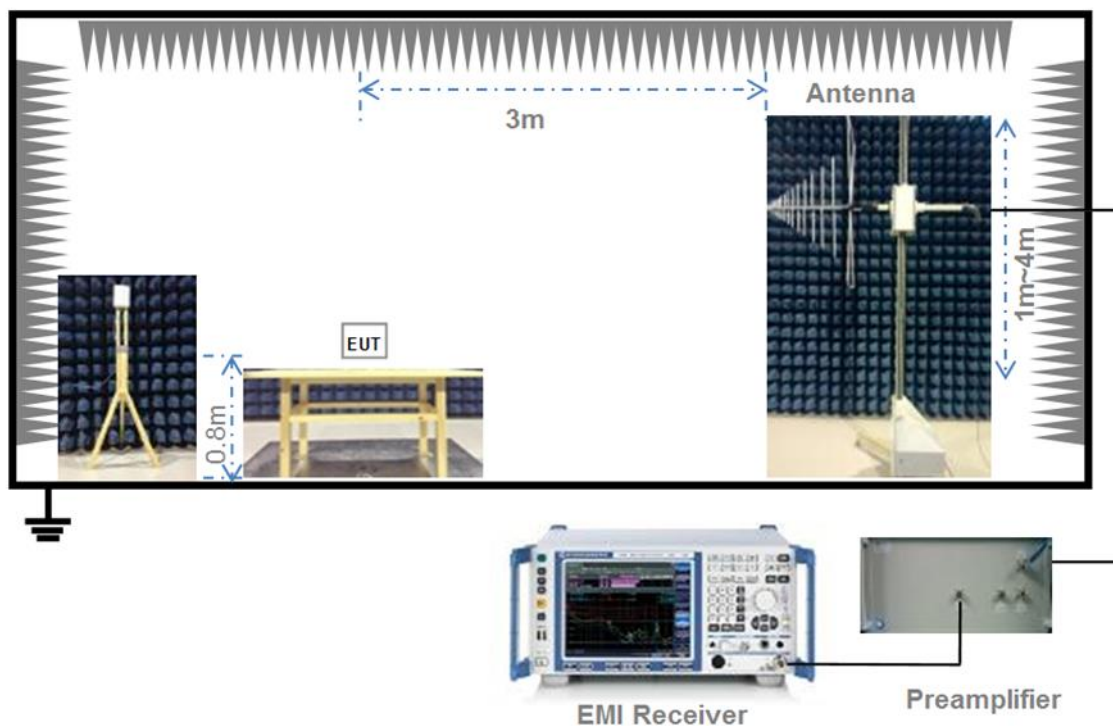
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



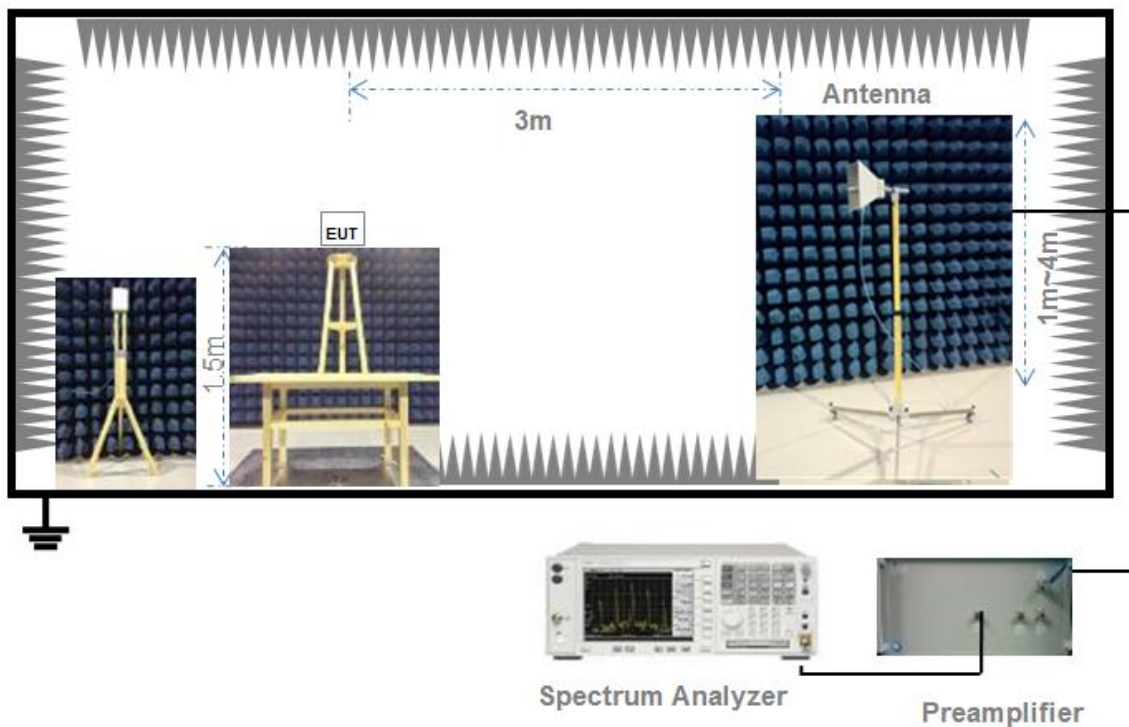
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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)

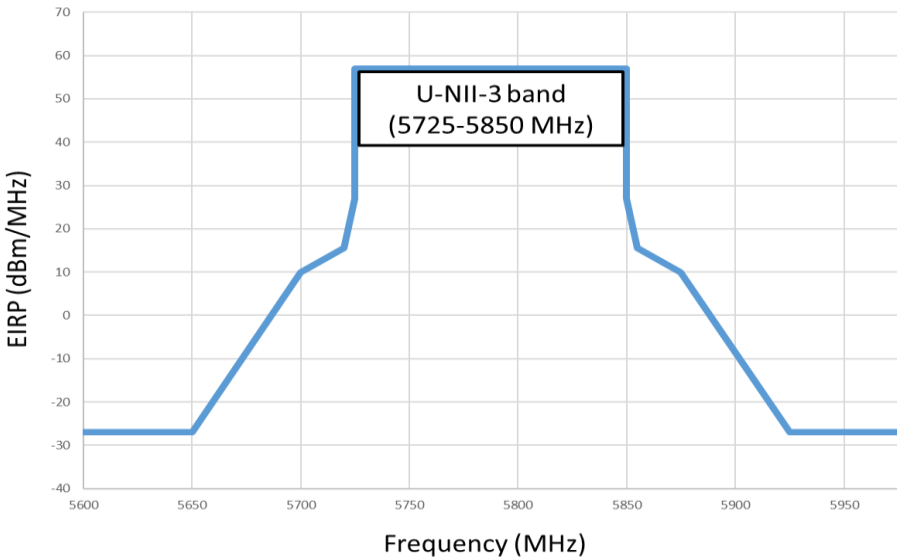
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.06	2.19	94.33%	0.25
11n (HT20)/11ac (VHT20)	1.93	2.07	93.32%	0.30
11n (HT40)/11ac (VHT40)	0.95	1.12	85.04%	0.70
11ac (VHT80)	0.46	0.60	77.01%	1.13

Test Data

Conducted Power

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.73	29.72	250	Pass
11a	CH44	14.20	26.30	250	Pass
11a	CH48	14.35	27.23	250	Pass
11n (HT20)	CH36	14.28	26.79	250	Pass
11n (HT20)	CH44	14.57	28.64	250	Pass
11n (HT20)	CH48	14.15	26.00	250	Pass
11n (HT40)	CH38	14.59	28.77	250	Pass
11n (HT40)	CH46	14.44	27.80	250	Pass
11ac (VHT20)	CH36	14.60	28.84	250	Pass
11ac (VHT20)	CH44	14.18	26.18	250	Pass
11ac (VHT20)	CH48	14.38	27.42	250	Pass
11ac (VHT40)	CH38	14.60	28.84	250	Pass
11ac (VHT40)	CH46	14.31	26.98	250	Pass
11ac (VHT80)	CH42	14.79	30.13	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.60	28.84	233	Pass
11a	CH60	14.44	27.80	233	Pass
11a	CH64	14.12	25.82	232	Pass
11n (HT20)	CH52	14.34	27.16	244	Pass
11n (HT20)	CH60	14.45	27.86	243	Pass
11n (HT20)	CH64	14.10	25.70	245	Pass
11n (HT40)	CH54	14.53	28.38	250	Pass
11n (HT40)	CH62	14.26	26.67	250	Pass
11ac (VHT20)	CH52	14.44	27.80	243	Pass
11ac (VHT20)	CH60	14.30	26.92	244	Pass
11ac (VHT20)	CH64	14.10	25.70	245	Pass
11ac (VHT40)	CH54	14.33	27.10	250	Pass
11ac (VHT40)	CH62	14.50	28.18	250	Pass
11ac (VHT80)	CH58	14.33	27.10	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.60	22.91	250	Pass
11a	CH116	14.36	27.29	250	Pass
11a	CH140	14.34	27.16	250	Pass
11n (HT20)	CH100	12.55	17.99	246	Pass
11n (HT20)	CH116	14.26	26.67	250	Pass
11n (HT20)	CH140	14.20	26.30	250	Pass
11n (HT40)	CH102	11.74	14.93	250	Pass
11n (HT40)	CH118	14.40	27.54	250	Pass
11n (HT40)	CH134	14.15	26.00	250	Pass
11ac (VHT20)	CH100	13.60	22.91	245	Pass
11ac (VHT20)	CH116	14.27	26.73	250	Pass
11ac (VHT20)	CH140	14.23	26.49	250	Pass
11ac (VHT40)	CH102	11.92	15.56	250	Pass
11ac (VHT40)	CH118	14.48	28.05	250	Pass
11ac (VHT40)	CH134	14.12	25.82	250	Pass
11ac (VHT80)	CH106	11.12	12.94	250	Pass
11ac (VHT80)	CH122	14.87	30.69	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.35	27.23	1000	Pass
11a	CH157	14.19	26.24	1000	Pass
11a	CH165	14.74	29.79	1000	Pass
11n (HT20)	CH149	14.51	28.25	1000	Pass
11n (HT20)	CH157	14.56	28.58	1000	Pass
11n (HT20)	CH165	14.85	30.55	1000	Pass
11n (HT40)	CH151	14.80	30.20	1000	Pass
11n (HT40)	CH159	14.72	29.65	1000	Pass
11ac (VHT20)	CH149	14.77	29.99	1000	Pass
11ac (VHT20)	CH157	14.78	30.06	1000	Pass
11ac (VHT20)	CH165	14.68	29.38	1000	Pass
11ac (VHT40)	CH151	14.54	28.44	1000	Pass
11ac (VHT40)	CH159	14.49	28.12	1000	Pass
11ac (VHT80)	CH155	14.13	25.88	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.33	27.10	250	Pass
11a	CH44	14.40	27.54	250	Pass
11a	CH48	14.15	26.00	250	Pass
11n (HT20)	CH36	14.48	28.05	250	Pass
11n (HT20)	CH44	14.47	27.99	250	Pass
11n (HT20)	CH48	13.75	23.71	250	Pass
11n (HT40)	CH38	14.49	28.12	250	Pass
11n (HT40)	CH46	14.64	29.11	250	Pass
11ac (VHT20)	CH36	14.70	29.51	250	Pass
11ac (VHT20)	CH44	14.18	26.18	250	Pass
11ac (VHT20)	CH48	14.38	27.42	250	Pass
11ac (VHT40)	CH38	14.40	27.54	250	Pass
11ac (VHT40)	CH46	14.21	26.36	250	Pass
11ac (VHT80)	CH42	14.39	27.48	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.30	26.92	233	Pass
11a	CH60	14.64	29.11	233	Pass
11a	CH64	14.12	25.82	232	Pass
11n (HT20)	CH52	14.14	25.94	244	Pass
11n (HT20)	CH60	14.25	26.61	243	Pass
11n (HT20)	CH64	14.10	25.70	245	Pass
11n (HT40)	CH54	14.13	25.88	250	Pass
11n (HT40)	CH62	13.96	24.89	250	Pass
11ac (VHT20)	CH52	14.54	28.44	243	Pass
11ac (VHT20)	CH60	14.10	25.70	244	Pass
11ac (VHT20)	CH64	14.20	26.30	245	Pass
11ac (VHT40)	CH54	14.03	25.29	250	Pass
11ac (VHT40)	CH62	14.20	26.30	250	Pass
11ac (VHT80)	CH58	14.13	25.88	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.80	23.99	250	Pass
11a	CH116	14.36	27.29	250	Pass
11a	CH140	14.34	27.16	250	Pass
11n (HT20)	CH100	12.25	16.79	246	Pass
11n (HT20)	CH116	14.26	26.67	250	Pass
11n (HT20)	CH140	13.90	24.55	250	Pass
11n (HT40)	CH102	11.94	15.63	250	Pass
11n (HT40)	CH118	14.20	26.30	250	Pass
11n (HT40)	CH134	13.85	24.27	250	Pass
11ac (VHT20)	CH100	13.80	23.99	245	Pass
11ac (VHT20)	CH116	14.47	27.99	250	Pass
11ac (VHT20)	CH140	14.03	25.29	250	Pass
11ac (VHT40)	CH102	11.62	14.52	250	Pass
11ac (VHT40)	CH118	14.58	28.71	250	Pass
11ac (VHT40)	CH134	13.82	24.10	250	Pass
11ac (VHT80)	CH106	11.02	12.65	250	Pass
11ac (VHT80)	CH122	15.07	32.14	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.15	26.00	1000	Pass
11a	CH157	14.39	27.48	1000	Pass
11a	CH165	14.64	29.11	1000	Pass
11n (HT20)	CH149	14.41	27.61	1000	Pass
11n (HT20)	CH157	14.56	28.58	1000	Pass
11n (HT20)	CH165	14.55	28.51	1000	Pass
11n (HT40)	CH151	15.00	31.62	1000	Pass
11n (HT40)	CH159	14.72	29.65	1000	Pass
11ac (VHT20)	CH149	14.37	27.35	1000	Pass
11ac (VHT20)	CH157	14.58	28.71	1000	Pass
11ac (VHT20)	CH165	14.88	30.76	1000	Pass
11ac (VHT40)	CH151	14.24	26.55	1000	Pass
11ac (VHT40)	CH159	14.29	26.85	1000	Pass
11ac (VHT80)	CH155	13.83	24.15	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.43	13.90	250	Pass
11a	CH44	10.90	12.30	250	Pass
11a	CH48	11.55	14.29	250	Pass
11n (HT20)	CH36	11.18	13.12	250	Pass
11n (HT20)	CH44	11.77	15.03	250	Pass
11n (HT20)	CH48	10.85	12.16	250	Pass
11n (HT40)	CH38	11.19	13.15	250	Pass
11n (HT40)	CH46	11.64	14.59	250	Pass
11ac (VHT20)	CH36	11.70	14.79	250	Pass
11ac (VHT20)	CH44	11.28	13.43	250	Pass
11ac (VHT20)	CH48	11.08	12.82	250	Pass
11ac (VHT40)	CH38	11.50	14.13	250	Pass
11ac (VHT40)	CH46	11.31	13.52	250	Pass
11ac (VHT80)	CH42	11.89	15.45	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	11.40	13.80	233	Pass
11a	CH60	11.14	13.00	233	Pass
11a	CH64	10.72	11.80	232	Pass
11n (HT20)	CH52	11.34	13.61	244	Pass
11n (HT20)	CH60	11.05	12.74	243	Pass
11n (HT20)	CH64	10.80	12.02	245	Pass
11n (HT40)	CH54	11.33	13.58	250	Pass
11n (HT40)	CH62	10.96	12.47	250	Pass
11ac (VHT20)	CH52	11.34	13.61	243	Pass
11ac (VHT20)	CH60	11.40	13.80	244	Pass
11ac (VHT20)	CH64	10.80	12.02	245	Pass
11ac (VHT40)	CH54	11.53	14.22	250	Pass
11ac (VHT40)	CH62	11.50	14.13	250	Pass
11ac (VHT80)	CH58	11.13	12.97	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	10.70	11.75	250	Pass
11a	CH116	10.96	12.47	250	Pass
11a	CH140	11.14	13.00	250	Pass
11n (HT20)	CH100	9.15	8.22	246	Pass
11n (HT20)	CH116	10.96	12.47	250	Pass
11n (HT20)	CH140	11.40	13.80	250	Pass
11n (HT40)	CH102	8.94	7.83	250	Pass
11n (HT40)	CH118	11.60	14.45	250	Pass
11n (HT40)	CH134	10.85	12.16	250	Pass
11ac (VHT20)	CH100	10.60	11.48	245	Pass
11ac (VHT20)	CH116	11.17	13.09	250	Pass
11ac (VHT20)	CH140	11.33	13.58	250	Pass
11ac (VHT40)	CH102	8.82	7.62	250	Pass
11ac (VHT40)	CH118	11.18	13.12	250	Pass
11ac (VHT40)	CH134	10.82	12.08	250	Pass
11ac (VHT80)	CH106	8.12	6.49	250	Pass
11ac (VHT80)	CH122	11.77	15.03	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.15	13.03	1000	Pass
11a	CH157	10.99	12.56	1000	Pass
11a	CH165	11.54	14.26	1000	Pass
11n (HT20)	CH149	11.41	13.84	1000	Pass
11n (HT20)	CH157	11.16	13.06	1000	Pass
11n (HT20)	CH165	11.55	14.29	1000	Pass
11n (HT40)	CH151	11.70	14.79	1000	Pass
11n (HT40)	CH159	11.82	15.21	1000	Pass
11ac (VHT20)	CH149	11.87	15.38	1000	Pass
11ac (VHT20)	CH157	11.98	15.78	1000	Pass
11ac (VHT20)	CH165	11.48	14.06	1000	Pass
11ac (VHT40)	CH151	11.14	13.00	1000	Pass
11ac (VHT40)	CH159	11.59	14.42	1000	Pass
11ac (VHT80)	CH155	11.23	13.27	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.63	14.55	250	Pass
11a	CH44	10.60	11.48	250	Pass
11a	CH48	11.55	14.29	250	Pass
11n (HT20)	CH36	10.78	11.97	250	Pass
11n (HT20)	CH44	11.67	14.69	250	Pass
11n (HT20)	CH48	10.55	11.35	250	Pass
11n (HT40)	CH38	11.29	13.46	250	Pass
11n (HT40)	CH46	11.24	13.30	250	Pass
11ac (VHT20)	CH36	11.40	13.80	250	Pass
11ac (VHT20)	CH44	10.98	12.53	250	Pass
11ac (VHT20)	CH48	10.88	12.25	250	Pass
11ac (VHT40)	CH38	11.30	13.49	250	Pass
11ac (VHT40)	CH46	11.41	13.84	250	Pass
11ac (VHT80)	CH42	12.09	16.18	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	11.30	13.49	233	Pass
11a	CH60	10.94	12.42	233	Pass
11a	CH64	10.92	12.36	232	Pass
11n (HT20)	CH52	11.44	13.93	244	Pass
11n (HT20)	CH60	10.75	11.89	243	Pass
11n (HT20)	CH64	10.50	11.22	245	Pass
11n (HT40)	CH54	11.33	13.58	250	Pass
11n (HT40)	CH62	11.06	12.76	250	Pass
11ac (VHT20)	CH52	11.14	13.00	243	Pass
11ac (VHT20)	CH60	11.60	14.45	244	Pass
11ac (VHT20)	CH64	10.40	10.96	245	Pass
11ac (VHT40)	CH54	11.53	14.22	250	Pass
11ac (VHT40)	CH62	11.20	13.18	250	Pass
11ac (VHT80)	CH58	10.73	11.83	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	10.90	12.30	250	Pass
11a	CH116	10.66	11.64	250	Pass
11a	CH140	11.14	13.00	250	Pass
11n (HT20)	CH100	8.85	7.67	246	Pass
11n (HT20)	CH116	10.96	12.47	250	Pass
11n (HT20)	CH140	11.10	12.88	250	Pass
11n (HT40)	CH102	9.14	8.20	250	Pass
11n (HT40)	CH118	11.30	13.49	250	Pass
11n (HT40)	CH134	10.45	11.09	250	Pass
11ac (VHT20)	CH100	10.40	10.96	245	Pass
11ac (VHT20)	CH116	10.97	12.50	250	Pass
11ac (VHT20)	CH140	11.33	13.58	250	Pass
11ac (VHT40)	CH102	8.72	7.45	250	Pass
11ac (VHT40)	CH118	11.38	13.74	250	Pass
11ac (VHT40)	CH134	11.02	12.65	250	Pass
11ac (VHT80)	CH106	8.02	6.34	250	Pass
11ac (VHT80)	CH122	11.47	14.03	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.95	12.45	1000	Pass
11a	CH157	11.19	13.15	1000	Pass
11a	CH165	11.44	13.93	1000	Pass
11n (HT20)	CH149	11.61	14.49	1000	Pass
11n (HT20)	CH157	10.86	12.19	1000	Pass
11n (HT20)	CH165	11.55	14.29	1000	Pass
11n (HT40)	CH151	11.30	13.49	1000	Pass
11n (HT40)	CH159	11.92	15.56	1000	Pass
11ac (VHT20)	CH149	11.77	15.03	1000	Pass
11ac (VHT20)	CH157	11.98	15.78	1000	Pass
11ac (VHT20)	CH165	11.48	14.06	1000	Pass
11ac (VHT40)	CH151	11.34	13.61	1000	Pass
11ac (VHT40)	CH159	11.59	14.42	1000	Pass
11ac (VHT80)	CH155	11.33	13.58	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.54	28.45	250	Pass
11a	CH44	13.76	23.78	250	Pass
11a	CH48	14.56	28.58	250	Pass
11n (HT20)	CH36	13.99	25.09	250	Pass
11n (HT20)	CH44	14.73	29.72	250	Pass
11n (HT20)	CH48	13.71	23.51	250	Pass
11n (HT40)	CH38	14.25	26.61	250	Pass
11n (HT40)	CH46	14.45	27.89	250	Pass
11ac (VHT20)	CH36	14.56	28.59	250	Pass
11ac (VHT20)	CH44	14.14	25.96	250	Pass
11ac (VHT20)	CH48	13.99	25.07	250	Pass
11ac (VHT40)	CH38	14.41	27.62	250	Pass
11ac (VHT40)	CH46	14.37	27.36	250	Pass
11ac (VHT80)	CH42	15.00	31.63	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.36	27.29	233	Pass
11a	CH60	14.05	25.42	233	Pass
11a	CH64	13.83	24.16	232	Pass
11n (HT20)	CH52	14.40	27.55	244	Pass
11n (HT20)	CH60	13.91	24.62	243	Pass
11n (HT20)	CH64	13.66	23.24	245	Pass
11n (HT40)	CH54	14.34	27.17	250	Pass
11n (HT40)	CH62	14.02	25.24	250	Pass
11ac (VHT20)	CH52	14.25	26.62	243	Pass
11ac (VHT20)	CH60	14.51	28.26	244	Pass
11ac (VHT20)	CH64	13.61	22.99	245	Pass
11ac (VHT40)	CH54	14.54	28.45	250	Pass
11ac (VHT40)	CH62	14.36	27.31	250	Pass
11ac (VHT80)	CH58	13.94	24.80	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.81	24.05	250	Pass
11a	CH116	13.82	24.12	250	Pass
11a	CH140	14.15	26.00	250	Pass
11n (HT20)	CH100	12.01	15.90	246	Pass
11n (HT20)	CH116	13.97	24.95	250	Pass
11n (HT20)	CH140	14.26	26.69	250	Pass
11n (HT40)	CH102	12.05	16.04	250	Pass
11n (HT40)	CH118	14.46	27.94	250	Pass
11n (HT40)	CH134	13.66	23.25	250	Pass
11ac (VHT20)	CH100	13.51	22.45	245	Pass
11ac (VHT20)	CH116	14.08	25.59	250	Pass
11ac (VHT20)	CH140	14.34	27.17	250	Pass
11ac (VHT40)	CH102	11.78	15.07	250	Pass
11ac (VHT40)	CH118	14.29	26.86	250	Pass
11ac (VHT40)	CH134	13.93	24.73	250	Pass
11ac (VHT80)	CH106	11.08	12.83	250	Pass
11ac (VHT80)	CH122	14.63	29.06	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.06	25.48	1000	Pass
11a	CH157	14.10	25.71	1000	Pass
11a	CH165	14.50	28.19	1000	Pass
11n (HT20)	CH149	14.52	28.32	1000	Pass
11n (HT20)	CH157	14.02	25.25	1000	Pass
11n (HT20)	CH165	14.56	28.58	1000	Pass
11n (HT40)	CH151	14.51	28.28	1000	Pass
11n (HT40)	CH159	14.88	30.77	1000	Pass
11ac (VHT20)	CH149	14.83	30.41	1000	Pass
11ac (VHT20)	CH157	14.99	31.55	1000	Pass
11ac (VHT20)	CH165	14.49	28.12	1000	Pass
11ac (VHT40)	CH151	14.25	26.62	1000	Pass
11ac (VHT40)	CH159	14.60	28.84	1000	Pass
11ac (VHT80)	CH155	14.29	26.86	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2541696-604 Data Part 1.pdf”.

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

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Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.44	16.35
11a	CH44	18.45	16.33
11a	CH48	18.56	16.35
11n (HT20)	CH36	19.41	17.52
11n (HT20)	CH44	19.42	17.52
11n (HT20)	CH48	19.39	17.51
11n (HT40)	CH38	40.96	36.10
11n (HT40)	CH46	40.94	36.11
11ac (VHT20)	CH36	19.32	17.51
11ac (VHT20)	CH44	19.40	17.51
11ac (VHT20)	CH48	19.38	17.51
11ac (VHT40)	CH38	41.02	36.06
11ac (VHT40)	CH46	41.75	36.11
11ac (VHT80)	CH42	81.24	74.73

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	18.49	16.33
11a	CH60	18.53	16.34
11a	CH64	18.46	16.32
11n (HT20)	CH52	19.38	17.52
11n (HT20)	CH60	19.32	17.50
11n (HT20)	CH64	19.43	17.52
11n (HT40)	CH54	41.63	36.15
11n (HT40)	CH62	40.73	36.15
11ac (VHT20)	CH52	19.27	17.51
11ac (VHT20)	CH60	19.35	17.51
11ac (VHT20)	CH64	19.44	17.51
11ac (VHT40)	CH54	41.27	36.16
11ac (VHT40)	CH62	41.06	36.14
11ac (VHT80)	CH58	81.51	74.97

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.22	16.39
11a	CH116	23.12	16.44
11a	CH140	27.53	16.50
11n (HT20)	CH100	19.57	17.56
11n (HT20)	CH116	26.39	17.63
11n (HT20)	CH140	33.96	17.67
11n (HT40)	CH102	62.70	36.29
11n (HT40)	CH118	58.64	36.35
11n (HT40)	CH134	61.27	36.58
11ac (VHT20)	CH100	19.48	17.55
11ac (VHT20)	CH116	31.02	17.64
11ac (VHT20)	CH140	30.37	17.67
11ac (VHT40)	CH102	41.36	36.27
11ac (VHT40)	CH118	61.38	36.46
11ac (VHT40)	CH134	63.76	36.48
11ac (VHT80)	CH106	81.44	74.90
11ac (VHT80)	CH122	106.20	76.41

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.52	16.40
11a	CH157	22.29	16.42
11a	CH165	18.68	16.38
11n (HT20)	CH149	23.13	17.62
11n (HT20)	CH157	23.23	17.59
11n (HT20)	CH165	19.46	17.56
11n (HT40)	CH151	65.76	36.56
11n (HT40)	CH159	44.95	36.17
11ac (VHT20)	CH149	28.27	17.61
11ac (VHT20)	CH157	20.20	17.57
11ac (VHT20)	CH165	25.17	17.57
11ac (VHT40)	CH151	64.18	36.29
11ac (VHT40)	CH159	46.63	36.18
11ac (VHT80)	CH155	122.10	75.35

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2541696-604 Data Part 2.pdf”.

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

SISO-Antenna 1

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.50	500.00	Pass
11a	CH157	16.50	500.00	Pass
11a	CH165	16.50	500.00	Pass
11n (HT20)	CH149	17.80	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	34.00	500.00	Pass
11ac (VHT20)	CH149	17.40	500.00	Pass
11ac (VHT20)	CH157	17.50	500.00	Pass
11ac (VHT20)	CH165	17.80	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	74.00	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2541696-604 Data Part 3.pdf”.

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

SISO-Antenna 1

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.16	11.00	Pass
11a	CH44	2.45	11.00	Pass
11a	CH48	2.67	11.00	Pass
11n (HT20)	CH36	2.45	11.00	Pass
11n (HT20)	CH44	2.57	11.00	Pass
11n (HT20)	CH48	2.17	11.00	Pass
11n (HT40)	CH38	-0.03	11.00	Pass
11n (HT40)	CH46	-0.02	11.00	Pass
11ac (VHT20)	CH36	2.58	11.00	Pass
11ac (VHT20)	CH44	2.21	11.00	Pass
11ac (VHT20)	CH48	2.36	11.00	Pass
11ac (VHT40)	CH38	0.01	11.00	Pass
11ac (VHT40)	CH46	-0.24	11.00	Pass
11ac (VHT80)	CH42	-2.70	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.00	11.00	Pass
11a	CH60	2.67	11.00	Pass
11a	CH64	2.41	11.00	Pass
11n (HT20)	CH52	2.37	11.00	Pass
11n (HT20)	CH60	2.65	11.00	Pass
11n (HT20)	CH64	2.18	11.00	Pass
11n (HT40)	CH54	-0.01	11.00	Pass
11n (HT40)	CH62	-0.29	11.00	Pass
11ac (VHT20)	CH52	2.41	11.00	Pass
11ac (VHT20)	CH60	2.32	11.00	Pass
11ac (VHT20)	CH64	2.14	11.00	Pass
11ac (VHT40)	CH54	-0.21	11.00	Pass
11ac (VHT40)	CH62	0.13	11.00	Pass
11ac (VHT80)	CH58	-2.91	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.43	11.00	Pass
11a	CH116	3.07	11.00	Pass
11a	CH140	2.89	11.00	Pass
11n (HT20)	CH100	1.09	11.00	Pass
11n (HT20)	CH116	2.70	11.00	Pass
11n (HT20)	CH140	2.51	11.00	Pass
11n (HT40)	CH102	-2.22	11.00	Pass
11n (HT40)	CH118	0.39	11.00	Pass
11n (HT40)	CH134	-0.14	11.00	Pass
11ac (VHT20)	CH100	2.14	11.00	Pass
11ac (VHT20)	CH116	2.68	11.00	Pass
11ac (VHT20)	CH140	2.59	11.00	Pass
11ac (VHT40)	CH102	-2.31	11.00	Pass
11ac (VHT40)	CH118	0.29	11.00	Pass
11ac (VHT40)	CH134	-0.26	11.00	Pass
11ac (VHT80)	CH106	-5.92	11.00	Pass
11ac (VHT80)	CH122	-2.18	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.02	30.00	Pass
11a	CH157	-0.40	30.00	Pass
11a	CH165	0.28	30.00	Pass
11n (HT20)	CH149	-0.13	30.00	Pass
11n (HT20)	CH157	-0.17	30.00	Pass
11n (HT20)	CH165	0.22	30.00	Pass
11n (HT40)	CH151	-2.51	30.00	Pass
11n (HT40)	CH159	-2.31	30.00	Pass
11ac (VHT20)	CH149	0.17	30.00	Pass
11ac (VHT20)	CH157	0.13	30.00	Pass
11ac (VHT20)	CH165	0.03	30.00	Pass
11ac (VHT40)	CH151	-2.65	30.00	Pass
11ac (VHT40)	CH159	-2.77	30.00	Pass
11ac (VHT80)	CH155	-5.73	30.00	Pass

A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

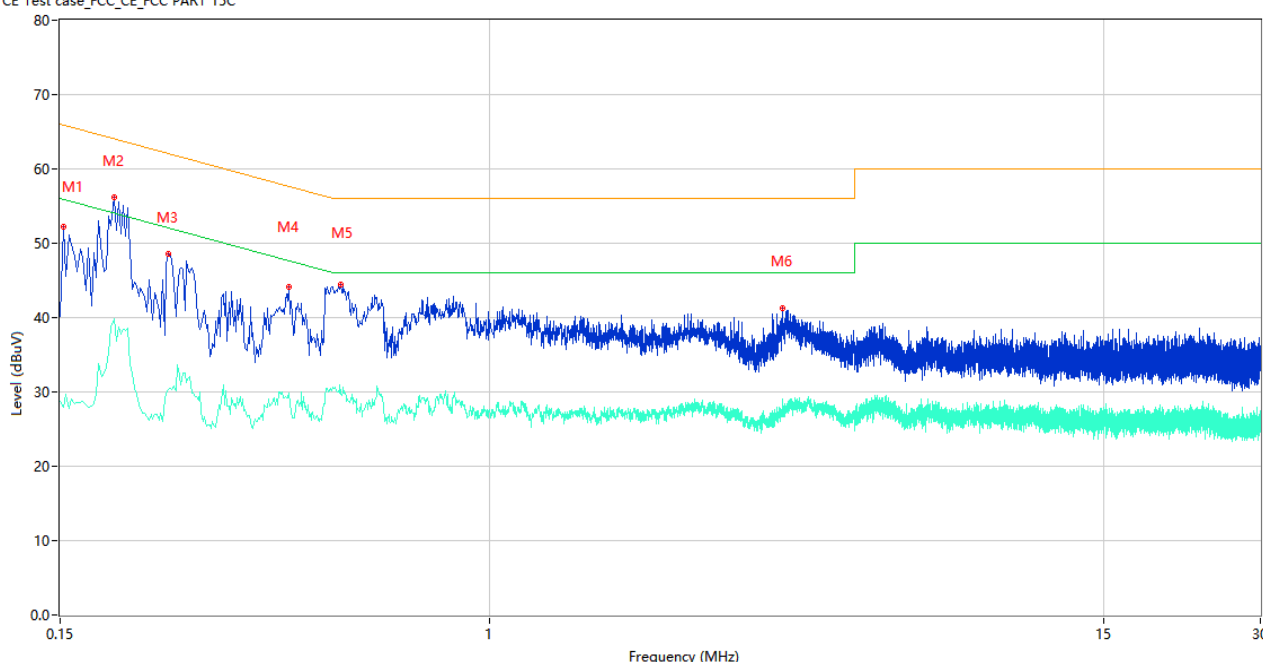
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

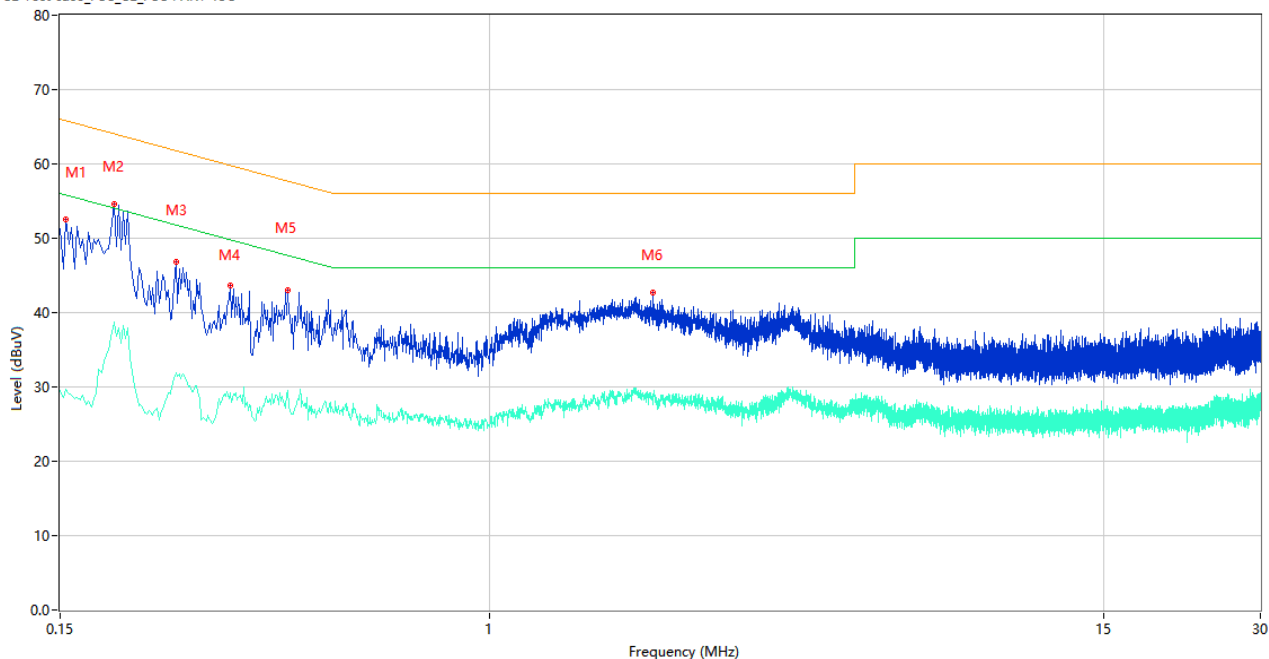
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	52.26	9.86	65.89	13.63	Peak	L	Pass
1**	0.152	27.87	9.86	55.89	28.02	AV	L	Pass
2	0.190	56.12	9.84	64.04	7.92	Peak	L	Pass
2**	0.190	39.87	9.84	54.04	14.17	AV	L	Pass
3	0.242	48.56	9.83	62.03	13.47	Peak	L	Pass
3**	0.242	30.36	9.83	52.03	21.67	AV	L	Pass
4	0.412	44.17	10.49	57.61	13.44	Peak	L	Pass
4**	0.412	29.80	10.49	47.61	17.81	AV	L	Pass
5	0.518	44.50	10.06	56.00	11.50	Peak	L	Pass
5**	0.518	29.87	10.06	46.00	16.13	AV	L	Pass
6	3.636	41.26	10.45	56.00	14.74	Peak	L	Pass
6**	3.636	28.97	10.45	46.00	17.03	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	52.48	9.86	65.78	13.30	Peak	N	Pass
1**	0.154	29.63	9.86	55.78	26.15	AV	N	Pass
2	0.190	54.65	9.84	64.04	9.39	Peak	N	Pass
2**	0.190	38.70	9.84	54.04	15.34	AV	N	Pass
3	0.250	46.82	9.83	61.76	14.94	Peak	N	Pass
3**	0.250	31.90	9.83	51.76	19.86	AV	N	Pass
4	0.318	43.70	10.18	59.76	16.06	Peak	N	Pass
4**	0.318	29.16	10.18	49.76	20.60	AV	N	Pass
5	0.410	43.03	10.51	57.65	14.62	Peak	N	Pass
5**	0.410	29.52	10.51	47.65	18.13	AV	N	Pass
6	2.052	42.76	10.49	56.00	13.24	Peak	N	Pass
6**	2.052	28.65	10.49	46.00	17.35	AV	N	Pass

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

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

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

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

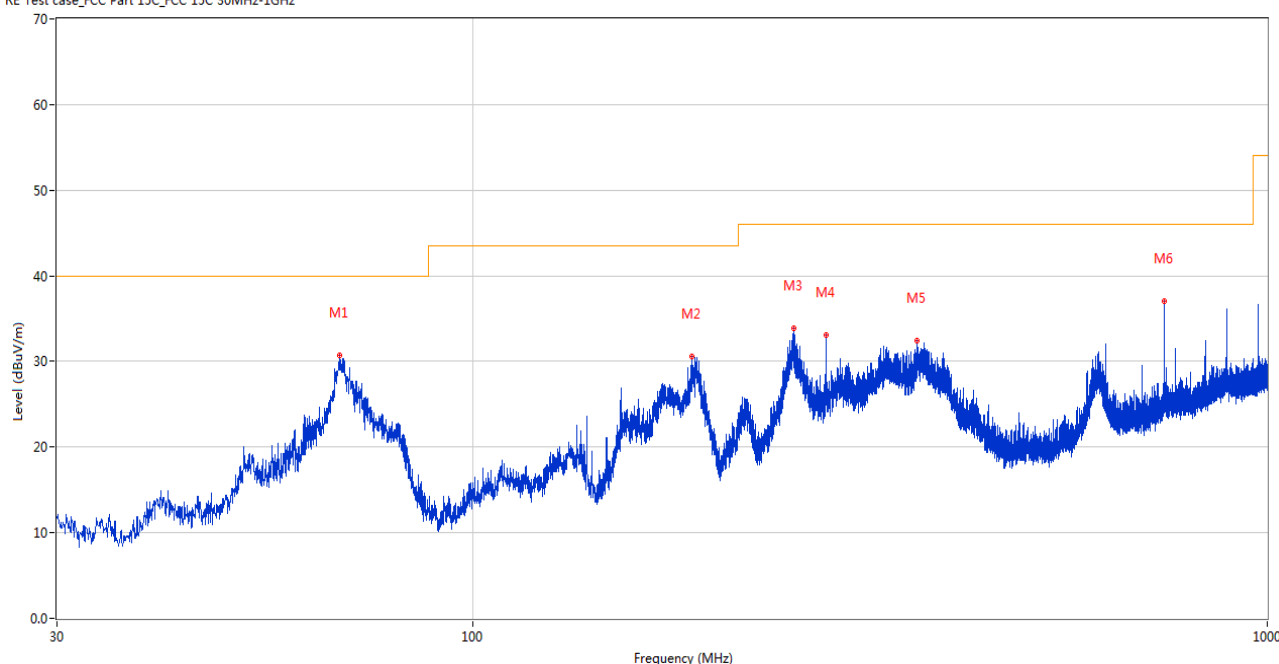
Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note ⁵: 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

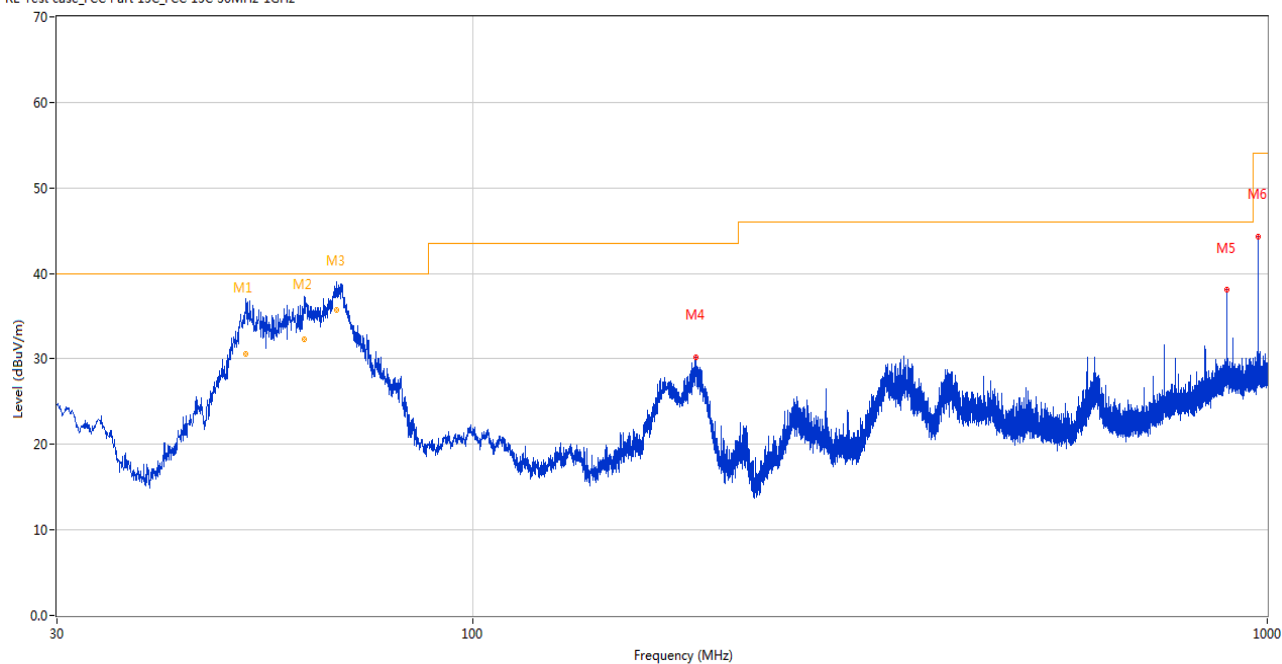
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	68.024	30.78	-28.38	40.0	9.22	Peak	210.70	100	Horizontal	Pass
2	189.031	30.56	-26.67	43.5	12.94	Peak	245.40	100	Horizontal	Pass
3	254.022	33.88	-24.03	46.0	12.12	Peak	129.80	100	Horizontal	Pass
4	278.466	33.04	-23.61	46.0	12.96	Peak	232.60	100	Horizontal	Pass
5	362.710	32.41	-21.94	46.0	13.59	Peak	72.20	100	Horizontal	Pass
6	742.077	37.06	-11.92	46.0	8.94	Peak	359.30	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.825	36.01	-24.76	40.0	3.99	Peak	189.00	104	Vertical	N/A
1*	51.825	30.58	-24.76	40.0	9.42	QP	189.00	104	Vertical	Pass
2	61.428	37.56	-26.41	40.0	2.44	Peak	160.90	100	Vertical	N/A
2*	61.428	32.32	-26.41	40.0	7.68	QP	160.90	100	Vertical	Pass
3	67.442	40.17	-28.27	40.0	-0.17	Peak	175.70	191	Vertical	N/A
3*	67.442	35.66	-28.27	40.0	4.34	QP	175.70	191	Vertical	Pass
4	191.117	30.23	-26.50	43.5	13.27	Peak	189.00	100	Vertical	Pass
5	890.536	38.04	-9.26	46.0	7.96	Peak	218.50	100	Vertical	Pass
6	974.683	44.26	-8.01	54.0	9.74	Peak	211.10	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.

SISO-Antenna 1

Test Data

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	1057.088	54.18	74.0	19.82	Peak	283.00	200	Horizontal	Pass
1**	1057.088	48.93	54.0	5.07	AV	283.00	200	Horizontal	Pass
2	3691.899	48.91	74.0	25.09	Peak	129.00	100	Horizontal	Pass
2**	3691.899	44.46	54.0	9.54	AV	129.00	100	Horizontal	Pass
3	4221.144	51.17	74.0	22.83	Peak	80.00	200	Horizontal	Pass
3**	4221.144	48.57	54.0	5.43	AV	80.00	200	Horizontal	Pass
4	7335.052	44.78	74.0	29.22	Peak	134.00	100	Horizontal	Pass
4**	7335.052	40.63	54.0	13.37	AV	134.00	100	Horizontal	Pass
5	12521.515	55.39	74.0	18.61	Peak	85.00	300	Horizontal	Pass
5**	12521.515	47.23	54.0	6.77	AV	85.00	300	Horizontal	Pass
6	16145.645	54.71	74.0	19.29	Peak	225.00	300	Horizontal	Pass
6**	16145.645	43.53	54.0	10.47	AV	225.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.069	54.78	74.0	19.22	Peak	214.00	400	Vertical	Pass
1**	1057.069	50.93	54.0	3.07	AV	214.00	400	Vertical	Pass
2	1581.364	51.31	74.0	22.69	Peak	348.00	300	Vertical	Pass
2**	1581.364	35.82	54.0	18.18	AV	348.00	300	Vertical	Pass
3	4216.937	52.73	74.0	21.27	Peak	175.00	200	Vertical	Pass
3**	4216.937	49.44	54.0	4.56	AV	175.00	200	Vertical	Pass
4	4748.885	50.57	74.0	23.43	Peak	258.00	300	Vertical	Pass
4**	4748.885	44.63	54.0	9.37	AV	258.00	300	Vertical	Pass
5	12527.863	55.88	74.0	18.12	Peak	58.00	300	Vertical	Pass
5**	12527.863	42.80	54.0	11.20	AV	58.00	300	Vertical	Pass
6	15385.254	53.24	74.0	20.76	Peak	326.00	300	Vertical	Pass
6**	15385.254	44.61	54.0	9.39	AV	326.00	300	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	1058.800	54.38	74.0	19.62	Peak	100.00	100	Horizontal	Pass
1**	1058.800	49.28	54.0	4.72	AV	100.00	100	Horizontal	Pass
2	3693.219	48.81	74.0	25.20	Peak	182.00	300	Horizontal	Pass
2**	3693.219	44.60	54.0	9.40	AV	182.00	300	Horizontal	Pass
3	4222.626	50.93	74.0	23.07	Peak	309.00	200	Horizontal	Pass
3**	4222.626	48.60	54.0	5.40	AV	309.00	200	Horizontal	Pass
4	7331.163	44.84	74.0	29.16	Peak	237.00	400	Horizontal	Pass
4**	7331.163	40.42	54.0	13.58	AV	237.00	400	Horizontal	Pass
5	12517.556	55.65	74.0	18.35	Peak	300.00	200	Horizontal	Pass
5**	12517.556	47.14	54.0	6.86	AV	300.00	200	Horizontal	Pass
6	16146.290	54.44	74.0	19.56	Peak	72.00	100	Horizontal	Pass
6**	16146.290	43.63	54.0	10.37	AV	72.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.545	54.81	74.0	19.20	Peak	337.00	300	Vertical	Pass
1**	1053.545	50.93	54.0	3.07	AV	337.00	300	Vertical	Pass
2	1580.319	51.35	74.0	22.65	Peak	337.00	300	Vertical	Pass
2**	1580.319	36.12	54.0	17.88	AV	337.00	300	Vertical	Pass
3	4220.390	52.56	74.0	21.44	Peak	171.00	200	Vertical	Pass
3**	4220.390	49.42	54.0	4.58	AV	171.00	200	Vertical	Pass
4	4745.889	50.55	74.0	23.45	Peak	265.00	100	Vertical	Pass
4**	4745.889	44.54	54.0	9.46	AV	265.00	100	Vertical	Pass
5	12529.951	55.52	74.0	18.48	Peak	317.00	200	Vertical	Pass
5**	12529.951	42.67	54.0	11.33	AV	317.00	200	Vertical	Pass
6	15381.318	53.13	74.0	20.87	Peak	159.00	300	Vertical	Pass
6**	15381.318	44.87	54.0	9.13	AV	159.00	300	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	1056.734	54.13	74.0	19.87	Peak	228.00	100	Horizontal	Pass
1**	1056.734	49.02	54.0	4.98	AV	228.00	100	Horizontal	Pass
2	3695.789	48.82	74.0	25.18	Peak	234.00	300	Horizontal	Pass
2**	3695.789	44.50	54.0	9.50	AV	234.00	300	Horizontal	Pass
3	4221.430	51.04	74.0	22.96	Peak	144.00	200	Horizontal	Pass
3**	4221.430	48.31	54.0	5.69	AV	144.00	200	Horizontal	Pass
4	7337.701	44.49	74.0	29.51	Peak	240.00	400	Horizontal	Pass
4**	7337.701	40.58	54.0	13.43	AV	240.00	400	Horizontal	Pass
5	12518.737	55.59	74.0	18.41	Peak	297.00	100	Horizontal	Pass
5**	12518.737	46.90	54.0	7.10	AV	297.00	100	Horizontal	Pass
6	16146.538	54.59	74.0	19.41	Peak	133.00	300	Horizontal	Pass
6**	16146.538	43.77	54.0	10.23	AV	133.00	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	1052.086	54.83	74.0	19.17	Peak	104.00	100	Vertical	Pass
1**	1052.086	51.37	54.0	2.63	AV	104.00	100	Vertical	Pass
2	1583.368	51.29	74.0	22.71	Peak	100.00	300	Vertical	Pass
2**	1583.368	35.91	54.0	18.09	AV	100.00	300	Vertical	Pass
3	4222.672	52.48	74.0	21.52	Peak	111.00	200	Vertical	Pass
3**	4222.672	49.28	54.0	4.72	AV	111.00	200	Vertical	Pass
4	4746.640	50.46	74.0	23.55	Peak	148.00	300	Vertical	Pass
4**	4746.640	45.02	54.0	8.98	AV	148.00	300	Vertical	Pass
5	12530.290	55.70	74.0	18.30	Peak	109.00	300	Vertical	Pass
5**	12530.290	42.76	54.0	11.25	AV	109.00	300	Vertical	Pass
6	15380.620	53.13	74.0	20.87	Peak	139.00	200	Vertical	Pass
6**	15380.620	44.48	54.0	9.52	AV	139.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.424	54.03	74.0	19.97	Peak	307.00	200	Horizontal	Pass
1**	1052.424	49.03	54.0	4.97	AV	307.00	200	Horizontal	Pass
2	3692.394	48.64	74.0	25.36	Peak	51.00	300	Horizontal	Pass
2**	3692.394	44.51	54.0	9.49	AV	51.00	300	Horizontal	Pass
3	4219.412	50.96	74.0	23.04	Peak	206.00	200	Horizontal	Pass
3**	4219.412	48.39	54.0	5.61	AV	206.00	200	Horizontal	Pass
4	7332.470	44.93	74.0	29.07	Peak	71.00	200	Horizontal	Pass
4**	7332.470	40.84	54.0	13.16	AV	71.00	200	Horizontal	Pass
5	12514.845	55.61	74.0	18.40	Peak	134.00	400	Horizontal	Pass
5**	12514.845	47.30	54.0	6.70	AV	134.00	400	Horizontal	Pass
6	16145.169	54.24	74.0	19.76	Peak	132.00	100	Horizontal	Pass
6**	16145.169	43.51	54.0	10.49	AV	132.00	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	1055.274	55.04	74.0	18.96	Peak	265.00	300	Vertical	Pass
1**	1055.274	50.98	54.0	3.03	AV	265.00	300	Vertical	Pass
2	1583.842	51.32	74.0	22.68	Peak	215.00	400	Vertical	Pass
2**	1583.842	36.13	54.0	17.87	AV	215.00	400	Vertical	Pass
3	4217.295	52.57	74.0	21.43	Peak	61.00	200	Vertical	Pass
3**	4217.295	49.12	54.0	4.89	AV	61.00	200	Vertical	Pass
4	4744.057	50.54	74.0	23.46	Peak	338.00	100	Vertical	Pass
4**	4744.057	45.04	54.0	8.96	AV	338.00	100	Vertical	Pass
5	12526.109	55.90	74.0	18.10	Peak	55.00	400	Vertical	Pass
5**	12526.109	42.54	54.0	11.46	AV	55.00	400	Vertical	Pass
6	15379.442	53.14	74.0	20.86	Peak	2.00	100	Vertical	Pass
6**	15379.442	44.64	54.0	9.36	AV	2.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.003	54.61	74.0	19.39	Peak	59.00	300	Horizontal	Pass
1**	1058.003	49.20	54.0	4.80	AV	59.00	300	Horizontal	Pass
2	3695.128	49.05	74.0	24.95	Peak	235.00	200	Horizontal	Pass
2**	3695.128	44.59	54.0	9.41	AV	235.00	200	Horizontal	Pass
3	4223.424	51.04	74.0	22.96	Peak	113.00	200	Horizontal	Pass
3**	4223.424	48.45	54.0	5.55	AV	113.00	200	Horizontal	Pass
4	7330.720	44.91	74.0	29.09	Peak	359.00	200	Horizontal	Pass
4**	7330.720	40.34	54.0	13.66	AV	359.00	200	Horizontal	Pass
5	12518.336	55.79	74.0	18.21	Peak	134.00	100	Horizontal	Pass
5**	12518.336	46.82	54.0	7.19	AV	134.00	100	Horizontal	Pass
6	16146.567	54.24	74.0	19.76	Peak	345.00	300	Horizontal	Pass
6**	16146.567	43.61	54.0	10.39	AV	345.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.013	54.90	74.0	19.10	Peak	242.00	100	Vertical	Pass
1**	1052.013	51.22	54.0	2.78	AV	242.00	100	Vertical	Pass
2	1584.416	50.87	74.0	23.13	Peak	72.00	100	Vertical	Pass
2**	1584.416	36.01	54.0	17.99	AV	72.00	100	Vertical	Pass
3	4223.297	52.89	74.0	21.11	Peak	41.00	200	Vertical	Pass
3**	4223.297	49.27	54.0	4.73	AV	41.00	200	Vertical	Pass
4	4745.643	50.48	74.0	23.52	Peak	212.00	100	Vertical	Pass
4**	4745.643	44.55	54.0	9.45	AV	212.00	100	Vertical	Pass
5	12525.842	55.46	74.0	18.54	Peak	30.00	200	Vertical	Pass
5**	12525.842	42.78	54.0	11.22	AV	30.00	200	Vertical	Pass
6	15384.896	53.10	74.0	20.90	Peak	146.00	400	Vertical	Pass
6**	15384.896	44.73	54.0	9.27	AV	146.00	400	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	1051.257	54.08	74.0	19.92	Peak	57.00	300	Horizontal	Pass
1**	1051.257	48.97	54.0	5.03	AV	57.00	300	Horizontal	Pass
2	3692.409	48.82	74.0	25.18	Peak	190.00	200	Horizontal	Pass
2**	3692.409	44.52	54.0	9.48	AV	190.00	200	Horizontal	Pass
3	4223.482	51.31	74.0	22.69	Peak	220.00	200	Horizontal	Pass
3**	4223.482	48.43	54.0	5.57	AV	220.00	200	Horizontal	Pass
4	7336.359	44.53	74.0	29.47	Peak	289.00	400	Horizontal	Pass
4**	7336.359	40.68	54.0	13.33	AV	289.00	400	Horizontal	Pass
5	12517.679	55.75	74.0	18.25	Peak	342.00	400	Horizontal	Pass
5**	12517.679	47.27	54.0	6.73	AV	342.00	400	Horizontal	Pass
6	16149.197	54.68	74.0	19.32	Peak	335.00	100	Horizontal	Pass
6**	16149.197	43.86	54.0	10.14	AV	335.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.055	54.51	74.0	19.49	Peak	0.00	200	Vertical	Pass
1**	1056.055	51.17	54.0	2.83	AV	0.00	200	Vertical	Pass
2	1584.832	51.00	74.0	23.01	Peak	251.00	300	Vertical	Pass
2**	1584.832	36.20	54.0	17.80	AV	251.00	300	Vertical	Pass
3	4218.113	52.50	74.0	21.50	Peak	283.00	200	Vertical	Pass
3**	4218.113	49.09	54.0	4.91	AV	283.00	200	Vertical	Pass
4	4748.314	50.90	74.0	23.10	Peak	216.00	200	Vertical	Pass
4**	4748.314	44.90	54.0	9.10	AV	216.00	200	Vertical	Pass
5	12527.271	55.52	74.0	18.48	Peak	285.00	200	Vertical	Pass
5**	12527.271	42.85	54.0	11.16	AV	285.00	200	Vertical	Pass
6	15381.913	53.25	74.0	20.75	Peak	306.00	300	Vertical	Pass
6**	15381.913	44.86	54.0	9.14	AV	306.00	300	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	1051.059	54.45	74.0	19.55	Peak	309.00	100	Horizontal	Pass
1**	1051.059	49.26	54.0	4.75	AV	309.00	100	Horizontal	Pass
2	3695.669	49.10	74.0	24.90	Peak	333.00	400	Horizontal	Pass
2**	3695.669	44.38	54.0	9.62	AV	333.00	400	Horizontal	Pass
3	4220.900	51.32	74.0	22.68	Peak	307.00	200	Horizontal	Pass
3**	4220.900	48.46	54.0	5.54	AV	307.00	200	Horizontal	Pass
4	7334.994	44.52	74.0	29.49	Peak	340.00	200	Horizontal	Pass
4**	7334.994	40.75	54.0	13.25	AV	340.00	200	Horizontal	Pass
5	12521.783	55.50	74.0	18.50	Peak	202.00	100	Horizontal	Pass
5**	12521.783	46.75	54.0	7.25	AV	202.00	100	Horizontal	Pass
6	16150.542	54.55	74.0	19.45	Peak	263.00	400	Horizontal	Pass
6**	16150.542	43.52	54.0	10.48	AV	263.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.513	54.70	74.0	19.30	Peak	214.00	400	Vertical	Pass
1**	1055.513	51.27	54.0	2.73	AV	214.00	400	Vertical	Pass
2	1581.733	51.08	74.0	22.93	Peak	189.00	200	Vertical	Pass
2**	1581.733	36.02	54.0	17.98	AV	189.00	200	Vertical	Pass
3	4219.381	52.50	74.0	21.50	Peak	75.00	200	Vertical	Pass
3**	4219.381	49.44	54.0	4.56	AV	75.00	200	Vertical	Pass
4	4750.058	50.49	74.0	23.51	Peak	247.00	100	Vertical	Pass
4**	4750.058	45.11	54.0	8.89	AV	247.00	100	Vertical	Pass
5	12525.837	55.69	74.0	18.31	Peak	139.00	400	Vertical	Pass
5**	12525.837	42.73	54.0	11.27	AV	139.00	400	Vertical	Pass
6	15383.882	52.94	74.0	21.07	Peak	52.00	100	Vertical	Pass
6**	15383.882	44.39	54.0	9.62	AV	52.00	100	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	1057.135	54.12	74.0	19.88	Peak	310.00	100	Horizontal	Pass
1**	1057.135	49.14	54.0	4.86	AV	310.00	100	Horizontal	Pass
2	3692.375	48.58	74.0	25.42	Peak	43.00	200	Horizontal	Pass
2**	3692.375	44.69	54.0	9.31	AV	43.00	200	Horizontal	Pass
3	4222.408	51.04	74.0	22.96	Peak	64.00	200	Horizontal	Pass
3**	4222.408	48.90	54.0	5.11	AV	64.00	200	Horizontal	Pass
4	7336.222	44.98	74.0	29.02	Peak	66.00	400	Horizontal	Pass
4**	7336.222	40.61	54.0	13.39	AV	66.00	400	Horizontal	Pass
5	12518.407	55.87	74.0	18.13	Peak	41.00	100	Horizontal	Pass
5**	12518.407	47.13	54.0	6.87	AV	41.00	100	Horizontal	Pass
6	16143.330	54.73	74.0	19.27	Peak	217.00	400	Horizontal	Pass
6**	16143.330	43.97	54.0	10.03	AV	217.00	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	1051.248	54.98	74.0	19.02	Peak	214.00	400	Vertical	Pass
1**	1051.248	51.38	54.0	2.62	AV	214.00	400	Vertical	Pass
2	1581.661	51.07	74.0	22.93	Peak	140.00	200	Vertical	Pass
2**	1581.661	35.90	54.0	18.10	AV	140.00	200	Vertical	Pass
3	4222.496	52.94	74.0	21.06	Peak	249.00	200	Vertical	Pass
3**	4222.496	49.55	54.0	4.45	AV	249.00	200	Vertical	Pass
4	4750.262	51.00	74.0	23.00	Peak	333.00	300	Vertical	Pass
4**	4750.262	45.09	54.0	8.91	AV	333.00	300	Vertical	Pass
5	12529.688	55.69	74.0	18.31	Peak	313.00	400	Vertical	Pass
5**	12529.688	42.77	54.0	11.23	AV	313.00	400	Vertical	Pass
6	15379.752	53.19	74.0	20.82	Peak	133.00	100	Vertical	Pass
6**	15379.752	44.37	54.0	9.63	AV	133.00	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	1056.795	54.27	74.0	19.73	Peak	330.00	400	Horizontal	Pass
1**	1056.795	49.21	54.0	4.79	AV	330.00	400	Horizontal	Pass
2	3693.979	49.02	74.0	24.98	Peak	350.00	400	Horizontal	Pass
2**	3693.979	44.36	54.0	9.64	AV	350.00	400	Horizontal	Pass
3	4217.827	50.96	74.0	23.04	Peak	308.00	200	Horizontal	Pass
3**	4217.827	48.68	54.0	5.32	AV	308.00	200	Horizontal	Pass
4	7332.054	44.74	74.0	29.26	Peak	360.00	400	Horizontal	Pass
4**	7332.054	40.45	54.0	13.55	AV	360.00	400	Horizontal	Pass
5	12521.130	55.84	74.0	18.16	Peak	68.00	100	Horizontal	Pass
5**	12521.130	46.75	54.0	7.25	AV	68.00	100	Horizontal	Pass
6	16147.632	54.77	74.0	19.23	Peak	47.00	100	Horizontal	Pass
6**	16147.632	43.59	54.0	10.41	AV	47.00	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	1051.199	54.80	74.0	19.20	Peak	119.00	100	Vertical	Pass
1**	1051.199	50.92	54.0	3.08	AV	119.00	100	Vertical	Pass
2	1584.572	50.89	74.0	23.11	Peak	346.00	200	Vertical	Pass
2**	1584.572	35.88	54.0	18.12	AV	346.00	200	Vertical	Pass
3	4218.585	52.78	74.0	21.22	Peak	337.00	200	Vertical	Pass
3**	4218.585	49.40	54.0	4.60	AV	337.00	200	Vertical	Pass
4	4749.522	50.98	74.0	23.02	Peak	330.00	200	Vertical	Pass
4**	4749.522	44.98	54.0	9.02	AV	330.00	200	Vertical	Pass
5	12531.693	55.85	74.0	18.15	Peak	115.00	300	Vertical	Pass
5**	12531.693	42.88	54.0	11.12	AV	115.00	300	Vertical	Pass
6	15383.380	53.09	74.0	20.91	Peak	90.00	100	Vertical	Pass
6**	15383.380	44.62	54.0	9.39	AV	90.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.581	54.05	74.0	19.96	Peak	281.00	100	Horizontal	Pass
1**	1056.581	49.05	54.0	4.95	AV	281.00	100	Horizontal	Pass
2	3693.085	48.58	74.0	25.42	Peak	94.00	200	Horizontal	Pass
2**	3693.085	44.23	54.0	9.77	AV	94.00	200	Horizontal	Pass
3	4218.255	50.83	74.0	23.17	Peak	240.00	200	Horizontal	Pass
3**	4218.255	48.55	54.0	5.45	AV	240.00	200	Horizontal	Pass
4	7335.802	44.45	74.0	29.56	Peak	74.00	100	Horizontal	Pass
4**	7335.802	40.86	54.0	13.14	AV	74.00	100	Horizontal	Pass
5	12519.890	55.65	74.0	18.36	Peak	53.00	100	Horizontal	Pass
5**	12519.890	47.05	54.0	6.95	AV	53.00	100	Horizontal	Pass
6	16145.773	54.22	74.0	19.78	Peak	303.00	400	Horizontal	Pass
6**	16145.773	43.84	54.0	10.16	AV	303.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.569	54.95	74.0	19.05	Peak	191.00	300	Vertical	Pass
1**	1055.569	51.42	54.0	2.58	AV	191.00	300	Vertical	Pass
2	1585.100	50.89	74.0	23.12	Peak	45.00	100	Vertical	Pass
2**	1585.100	35.85	54.0	18.15	AV	45.00	100	Vertical	Pass
3	4222.884	52.51	74.0	21.49	Peak	13.00	200	Vertical	Pass
3**	4222.884	49.02	54.0	4.98	AV	13.00	200	Vertical	Pass
4	4745.419	50.53	74.0	23.47	Peak	85.00	400	Vertical	Pass
4**	4745.419	44.94	54.0	9.06	AV	85.00	400	Vertical	Pass
5	12526.445	55.55	74.0	18.45	Peak	356.00	400	Vertical	Pass
5**	12526.445	42.69	54.0	11.31	AV	356.00	400	Vertical	Pass
6	15385.958	53.30	74.0	20.70	Peak	210.00	300	Vertical	Pass
6**	15385.958	44.63	54.0	9.37	AV	210.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.700	54.44	74.0	19.57	Peak	256.00	400	Horizontal	Pass
1**	1056.700	48.99	54.0	5.01	AV	256.00	400	Horizontal	Pass
2	3696.015	49.03	74.0	24.97	Peak	311.00	300	Horizontal	Pass
2**	3696.015	44.33	54.0	9.67	AV	311.00	300	Horizontal	Pass
3	4220.565	50.88	74.0	23.12	Peak	88.00	200	Horizontal	Pass
3**	4220.565	48.80	54.0	5.20	AV	88.00	200	Horizontal	Pass
4	7331.816	44.49	74.0	29.51	Peak	3.00	400	Horizontal	Pass
4**	7331.816	40.84	54.0	13.17	AV	3.00	400	Horizontal	Pass
5	12520.709	55.48	74.0	18.52	Peak	18.00	400	Horizontal	Pass
5**	12520.709	47.13	54.0	6.87	AV	18.00	400	Horizontal	Pass
6	16145.604	54.34	74.0	19.66	Peak	28.00	100	Horizontal	Pass
6**	16145.604	43.94	54.0	10.06	AV	28.00	100	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	1055.603	54.88	74.0	19.12	Peak	142.00	200	Vertical	Pass
1**	1055.603	50.92	54.0	3.08	AV	142.00	200	Vertical	Pass
2	1578.793	51.11	74.0	22.89	Peak	263.00	300	Vertical	Pass
2**	1578.793	36.24	54.0	17.76	AV	263.00	300	Vertical	Pass
3	4220.256	52.83	74.0	21.17	Peak	220.00	200	Vertical	Pass
3**	4220.256	49.26	54.0	4.74	AV	220.00	200	Vertical	Pass
4	4750.829	50.50	74.0	23.50	Peak	2.00	100	Vertical	Pass
4**	4750.829	44.71	54.0	9.29	AV	2.00	100	Vertical	Pass
5	12533.291	55.76	74.0	18.24	Peak	204.00	300	Vertical	Pass
5**	12533.291	42.50	54.0	11.50	AV	204.00	300	Vertical	Pass
6	15381.670	53.32	74.0	20.68	Peak	197.00	400	Vertical	Pass
6**	15381.670	44.70	54.0	9.30	AV	197.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.923	54.18	74.0	19.82	Peak	80.00	400	Horizontal	Pass
1**	1054.923	49.16	54.0	4.84	AV	80.00	400	Horizontal	Pass
2	3688.742	48.82	74.0	25.18	Peak	51.00	200	Horizontal	Pass
2**	3688.742	44.30	54.0	9.71	AV	51.00	200	Horizontal	Pass
3	4219.766	51.12	74.0	22.88	Peak	41.00	200	Horizontal	Pass
3**	4219.766	48.78	54.0	5.22	AV	41.00	200	Horizontal	Pass
4	7330.678	44.53	74.0	29.47	Peak	168.00	300	Horizontal	Pass
4**	7330.678	40.50	54.0	13.50	AV	168.00	300	Horizontal	Pass
5	12517.875	55.69	74.0	18.31	Peak	276.00	400	Horizontal	Pass
5**	12517.875	47.01	54.0	6.99	AV	276.00	400	Horizontal	Pass
6	16148.587	54.67	74.0	19.33	Peak	166.00	100	Horizontal	Pass
6**	16148.587	43.84	54.0	10.17	AV	166.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.316	55.04	74.0	18.96	Peak	40.00	200	Vertical	Pass
1**	1058.316	51.47	54.0	2.53	AV	40.00	200	Vertical	Pass
2	1584.978	50.76	74.0	23.24	Peak	292.00	200	Vertical	Pass
2**	1584.978	36.17	54.0	17.84	AV	292.00	200	Vertical	Pass
3	4221.916	52.90	74.0	21.10	Peak	136.00	200	Vertical	Pass
3**	4221.916	49.49	54.0	4.51	AV	136.00	200	Vertical	Pass
4	4750.420	50.67	74.0	23.33	Peak	117.00	200	Vertical	Pass
4**	4750.420	44.73	54.0	9.27	AV	117.00	200	Vertical	Pass
5	12533.117	55.95	74.0	18.05	Peak	204.00	400	Vertical	Pass
5**	12533.117	43.03	54.0	10.97	AV	204.00	400	Vertical	Pass
6	15384.014	53.48	74.0	20.53	Peak	152.00	300	Vertical	Pass
6**	15384.014	44.77	54.0	9.23	AV	152.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.600	54.51	74.0	19.49	Peak	250.00	100	Horizontal	Pass
1**	1055.600	49.51	54.0	4.49	AV	250.00	100	Horizontal	Pass
2	3692.534	49.12	74.0	24.88	Peak	61.00	300	Horizontal	Pass
2**	3692.534	44.23	54.0	9.77	AV	61.00	300	Horizontal	Pass
3	4218.680	51.04	74.0	22.96	Peak	129.00	200	Horizontal	Pass
3**	4218.680	48.79	54.0	5.21	AV	129.00	200	Horizontal	Pass
4	7330.219	44.55	74.0	29.45	Peak	219.00	200	Horizontal	Pass
4**	7330.219	40.57	54.0	13.43	AV	219.00	200	Horizontal	Pass
5	12518.759	55.40	74.0	18.60	Peak	334.00	400	Horizontal	Pass
5**	12518.759	47.13	54.0	6.87	AV	334.00	400	Horizontal	Pass
6	16144.755	54.55	74.0	19.45	Peak	332.00	400	Horizontal	Pass
6**	16144.755	43.81	54.0	10.19	AV	332.00	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	1052.685	55.02	74.0	18.99	Peak	55.00	400	Vertical	Pass
1**	1052.685	51.06	54.0	2.94	AV	55.00	400	Vertical	Pass
2	1582.704	51.28	74.0	22.72	Peak	32.00	400	Vertical	Pass
2**	1582.704	36.06	54.0	17.94	AV	32.00	400	Vertical	Pass
3	4221.712	52.89	74.0	21.11	Peak	359.00	200	Vertical	Pass
3**	4221.712	49.06	54.0	4.94	AV	359.00	200	Vertical	Pass
4	4746.137	50.99	74.0	23.01	Peak	236.00	100	Vertical	Pass
4**	4746.137	44.97	54.0	9.03	AV	236.00	100	Vertical	Pass
5	12530.357	55.56	74.0	18.44	Peak	32.00	200	Vertical	Pass
5**	12530.357	42.83	54.0	11.17	AV	32.00	200	Vertical	Pass
6	15379.476	52.95	74.0	21.05	Peak	84.00	400	Vertical	Pass
6**	15379.476	44.44	54.0	9.56	AV	84.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.581	54.48	74.0	19.52	Peak	188.00	400	Horizontal	Pass
1**	1056.581	49.52	54.0	4.48	AV	188.00	400	Horizontal	Pass
2	3694.526	48.55	74.0	25.45	Peak	112.00	300	Horizontal	Pass
2**	3694.526	44.58	54.0	9.42	AV	112.00	300	Horizontal	Pass
3	4223.918	50.91	74.0	23.10	Peak	47.00	200	Horizontal	Pass
3**	4223.918	48.37	54.0	5.63	AV	47.00	200	Horizontal	Pass
4	7329.990	44.56	74.0	29.44	Peak	96.00	100	Horizontal	Pass
4**	7329.990	40.90	54.0	13.10	AV	96.00	100	Horizontal	Pass
5	12514.663	55.56	74.0	18.45	Peak	54.00	200	Horizontal	Pass
5**	12514.663	47.07	54.0	6.93	AV	54.00	200	Horizontal	Pass
6	16145.827	54.50	74.0	19.50	Peak	107.00	100	Horizontal	Pass
6**	16145.827	44.01	54.0	9.99	AV	107.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.233	54.61	74.0	19.39	Peak	100.00	200	Vertical	Pass
1**	1053.233	51.04	54.0	2.96	AV	100.00	200	Vertical	Pass
2	1583.411	51.00	74.0	23.00	Peak	354.00	100	Vertical	Pass
2**	1583.411	35.95	54.0	18.05	AV	354.00	100	Vertical	Pass
3	4216.528	52.62	74.0	21.38	Peak	358.00	200	Vertical	Pass
3**	4216.528	49.16	54.0	4.84	AV	358.00	200	Vertical	Pass
4	4750.605	50.88	74.0	23.12	Peak	203.00	300	Vertical	Pass
4**	4750.605	44.64	54.0	9.36	AV	203.00	300	Vertical	Pass
5	12526.557	55.93	74.0	18.08	Peak	327.00	400	Vertical	Pass
5**	12526.557	42.95	54.0	11.05	AV	327.00	400	Vertical	Pass
6	15382.632	53.01	74.0	20.99	Peak	333.00	200	Vertical	Pass
6**	15382.632	44.85	54.0	9.15	AV	333.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.228	54.06	74.0	19.94	Peak	72.00	300	Horizontal	Pass
1**	1057.228	49.13	54.0	4.87	AV	72.00	300	Horizontal	Pass
2	3695.140	49.10	74.0	24.90	Peak	250.00	400	Horizontal	Pass
2**	3695.140	44.39	54.0	9.61	AV	250.00	400	Horizontal	Pass
3	4222.781	51.11	74.0	22.89	Peak	218.00	200	Horizontal	Pass
3**	4222.781	48.70	54.0	5.30	AV	218.00	200	Horizontal	Pass
4	7329.803	44.97	74.0	29.04	Peak	116.00	300	Horizontal	Pass
4**	7329.803	40.37	54.0	13.63	AV	116.00	300	Horizontal	Pass
5	12518.732	55.41	74.0	18.59	Peak	106.00	400	Horizontal	Pass
5**	12518.732	46.85	54.0	7.16	AV	106.00	400	Horizontal	Pass
6	16150.342	54.31	74.0	19.69	Peak	42.00	100	Horizontal	Pass
6**	16150.342	44.03	54.0	9.97	AV	42.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.218	54.80	74.0	19.20	Peak	350.00	300	Vertical	Pass
1**	1053.218	51.25	54.0	2.75	AV	350.00	300	Vertical	Pass
2	1578.791	50.81	74.0	23.20	Peak	184.00	400	Vertical	Pass
2**	1578.791	35.77	54.0	18.23	AV	184.00	400	Vertical	Pass
3	4223.336	52.55	74.0	21.45	Peak	101.00	200	Vertical	Pass
3**	4223.336	49.27	54.0	4.74	AV	101.00	200	Vertical	Pass
4	4750.964	50.47	74.0	23.53	Peak	188.00	100	Vertical	Pass
4**	4750.964	45.11	54.0	8.89	AV	188.00	100	Vertical	Pass
5	12531.867	55.47	74.0	18.54	Peak	51.00	200	Vertical	Pass
5**	12531.867	42.55	54.0	11.46	AV	51.00	200	Vertical	Pass
6	15381.759	53.46	74.0	20.54	Peak	283.00	100	Vertical	Pass
6**	15381.759	44.77	54.0	9.23	AV	283.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.393	54.37	74.0	19.63	Peak	247.00	400	Horizontal	Pass
1**	1055.393	49.50	54.0	4.50	AV	247.00	400	Horizontal	Pass
2	3694.197	48.57	74.0	25.43	Peak	219.00	100	Horizontal	Pass
2**	3694.197	44.41	54.0	9.59	AV	219.00	100	Horizontal	Pass
3	4222.522	51.06	74.0	22.94	Peak	302.00	200	Horizontal	Pass
3**	4222.522	48.62	54.0	5.38	AV	302.00	200	Horizontal	Pass
4	7333.855	44.79	74.0	29.21	Peak	200.00	400	Horizontal	Pass
4**	7333.855	40.46	54.0	13.54	AV	200.00	400	Horizontal	Pass
5	12514.941	55.65	74.0	18.35	Peak	27.00	100	Horizontal	Pass
5**	12514.941	47.30	54.0	6.71	AV	27.00	100	Horizontal	Pass
6	16151.143	54.57	74.0	19.43	Peak	79.00	100	Horizontal	Pass
6**	16151.143	43.72	54.0	10.28	AV	79.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.965	55.03	74.0	18.97	Peak	159.00	400	Vertical	Pass
1**	1054.965	51.40	54.0	2.60	AV	159.00	400	Vertical	Pass
2	1578.607	51.33	74.0	22.67	Peak	331.00	100	Vertical	Pass
2**	1578.607	35.94	54.0	18.06	AV	331.00	100	Vertical	Pass
3	4224.194	52.57	74.0	21.43	Peak	33.00	200	Vertical	Pass
3**	4224.194	49.40	54.0	4.60	AV	33.00	200	Vertical	Pass
4	4744.059	50.56	74.0	23.44	Peak	350.00	400	Vertical	Pass
4**	4744.059	44.90	54.0	9.11	AV	350.00	400	Vertical	Pass
5	12529.215	55.91	74.0	18.09	Peak	112.00	400	Vertical	Pass
5**	12529.215	42.69	54.0	11.31	AV	112.00	400	Vertical	Pass
6	15381.355	53.17	74.0	20.83	Peak	243.00	100	Vertical	Pass
6**	15381.355	44.74	54.0	9.26	AV	243.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.507	54.42	74.0	19.58	Peak	2.00	100	Horizontal	Pass
1**	1056.507	48.94	54.0	5.06	AV	2.00	100	Horizontal	Pass
2	3688.892	48.94	74.0	25.06	Peak	176.00	200	Horizontal	Pass
2**	3688.892	44.47	54.0	9.53	AV	176.00	200	Horizontal	Pass
3	4221.235	50.96	74.0	23.04	Peak	82.00	200	Horizontal	Pass
3**	4221.235	48.88	54.0	5.12	AV	82.00	200	Horizontal	Pass
4	7330.430	44.98	74.0	29.02	Peak	340.00	400	Horizontal	Pass
4**	7330.430	40.48	54.0	13.52	AV	340.00	400	Horizontal	Pass
5	12517.317	55.56	74.0	18.44	Peak	207.00	100	Horizontal	Pass
5**	12517.317	46.85	54.0	7.15	AV	207.00	100	Horizontal	Pass
6	16148.959	54.17	74.0	19.83	Peak	151.00	200	Horizontal	Pass
6**	16148.959	43.70	54.0	10.30	AV	151.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.094	54.73	74.0	19.27	Peak	255.00	300	Vertical	Pass
1**	1054.094	51.38	54.0	2.62	AV	255.00	300	Vertical	Pass
2	1581.211	51.07	74.0	22.93	Peak	347.00	400	Vertical	Pass
2**	1581.211	35.78	54.0	18.23	AV	347.00	400	Vertical	Pass
3	4222.515	52.65	74.0	21.35	Peak	172.00	200	Vertical	Pass
3**	4222.515	49.17	54.0	4.83	AV	172.00	200	Vertical	Pass
4	4744.758	50.45	74.0	23.56	Peak	327.00	400	Vertical	Pass
4**	4744.758	45.11	54.0	8.89	AV	327.00	400	Vertical	Pass
5	12528.456	55.63	74.0	18.37	Peak	125.00	400	Vertical	Pass
5**	12528.456	42.57	54.0	11.43	AV	125.00	400	Vertical	Pass
6	15379.090	53.12	74.0	20.88	Peak	114.00	200	Vertical	Pass
6**	15379.090	44.32	54.0	9.68	AV	114.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.832	54.46	74.0	19.54	Peak	30.00	300	Horizontal	Pass
1**	1056.832	49.23	54.0	4.77	AV	30.00	300	Horizontal	Pass
2	3690.521	49.07	74.0	24.93	Peak	23.00	400	Horizontal	Pass
2**	3690.521	44.54	54.0	9.46	AV	23.00	400	Horizontal	Pass
3	4220.075	51.11	74.0	22.89	Peak	352.00	200	Horizontal	Pass
3**	4220.075	48.34	54.0	5.66	AV	352.00	200	Horizontal	Pass
4	7336.111	44.84	74.0	29.16	Peak	18.00	400	Horizontal	Pass
4**	7336.111	40.68	54.0	13.32	AV	18.00	400	Horizontal	Pass
5	12515.864	55.83	74.0	18.17	Peak	355.00	400	Horizontal	Pass
5**	12515.864	47.02	54.0	6.99	AV	355.00	400	Horizontal	Pass
6	16143.481	54.40	74.0	19.60	Peak	203.00	400	Horizontal	Pass
6**	16143.481	43.51	54.0	10.50	AV	203.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.339	54.73	74.0	19.27	Peak	253.00	300	Vertical	Pass
1**	1052.339	51.32	54.0	2.68	AV	253.00	300	Vertical	Pass
2	1581.985	51.16	74.0	22.84	Peak	285.00	400	Vertical	Pass
2**	1581.985	36.09	54.0	17.91	AV	285.00	400	Vertical	Pass
3	4223.331	52.72	74.0	21.28	Peak	160.00	200	Vertical	Pass
3**	4223.331	49.09	54.0	4.91	AV	160.00	200	Vertical	Pass
4	4750.680	50.65	74.0	23.36	Peak	34.00	300	Vertical	Pass
4**	4750.680	44.85	54.0	9.15	AV	34.00	300	Vertical	Pass
5	12529.770	55.76	74.0	18.24	Peak	350.00	300	Vertical	Pass
5**	12529.770	42.67	54.0	11.33	AV	350.00	300	Vertical	Pass
6	15383.474	53.15	74.0	20.85	Peak	139.00	100	Vertical	Pass
6**	15383.474	44.79	54.0	9.21	AV	139.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.063	54.05	74.0	19.95	Peak	46.00	100	Horizontal	Pass
1**	1051.063	49.34	54.0	4.66	AV	46.00	100	Horizontal	Pass
2	3694.023	48.72	74.0	25.28	Peak	334.00	100	Horizontal	Pass
2**	3694.023	44.73	54.0	9.27	AV	334.00	100	Horizontal	Pass
3	4218.918	51.38	74.0	22.62	Peak	119.00	200	Horizontal	Pass
3**	4218.918	48.72	54.0	5.28	AV	119.00	200	Horizontal	Pass
4	7331.747	44.54	74.0	29.46	Peak	345.00	100	Horizontal	Pass
4**	7331.747	40.40	54.0	13.60	AV	345.00	100	Horizontal	Pass
5	12514.300	55.37	74.0	18.63	Peak	68.00	300	Horizontal	Pass
5**	12514.300	47.05	54.0	6.95	AV	68.00	300	Horizontal	Pass
6	16151.118	54.40	74.0	19.60	Peak	24.00	400	Horizontal	Pass
6**	16151.118	43.76	54.0	10.24	AV	24.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.164	54.64	74.0	19.36	Peak	182.00	100	Vertical	Pass
1**	1054.164	51.13	54.0	2.87	AV	182.00	100	Vertical	Pass
2	1581.637	50.97	74.0	23.03	Peak	265.00	400	Vertical	Pass
2**	1581.637	35.79	54.0	18.21	AV	265.00	400	Vertical	Pass
3	4223.583	52.72	74.0	21.28	Peak	238.00	200	Vertical	Pass
3**	4223.583	49.42	54.0	4.58	AV	238.00	200	Vertical	Pass
4	4745.827	50.98	74.0	23.02	Peak	219.00	200	Vertical	Pass
4**	4745.827	44.56	54.0	9.45	AV	219.00	200	Vertical	Pass
5	12526.979	55.85	74.0	18.15	Peak	229.00	300	Vertical	Pass
5**	12526.979	42.64	54.0	11.36	AV	229.00	300	Vertical	Pass
6	15381.954	53.40	74.0	20.60	Peak	83.00	300	Vertical	Pass
6**	15381.954	44.30	54.0	9.70	AV	83.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.142	54.58	74.0	19.42	Peak	109.00	200	Horizontal	Pass
1**	1052.142	49.26	54.0	4.74	AV	109.00	200	Horizontal	Pass
2	3694.427	48.97	74.0	25.03	Peak	190.00	200	Horizontal	Pass
2**	3694.427	44.51	54.0	9.49	AV	190.00	200	Horizontal	Pass
3	4216.796	50.98	74.0	23.02	Peak	108.00	200	Horizontal	Pass
3**	4216.796	48.82	54.0	5.18	AV	108.00	200	Horizontal	Pass
4	7337.742	44.76	74.0	29.24	Peak	86.00	300	Horizontal	Pass
4**	7337.742	40.79	54.0	13.21	AV	86.00	300	Horizontal	Pass
5	12520.529	55.44	74.0	18.56	Peak	111.00	200	Horizontal	Pass
5**	12520.529	47.29	54.0	6.72	AV	111.00	200	Horizontal	Pass
6	16150.389	54.42	74.0	19.58	Peak	51.00	200	Horizontal	Pass
6**	16150.389	43.68	54.0	10.32	AV	51.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.192	55.02	74.0	18.98	Peak	36.00	400	Vertical	Pass
1**	1051.192	51.43	54.0	2.57	AV	36.00	400	Vertical	Pass
2	1580.139	51.33	74.0	22.67	Peak	175.00	300	Vertical	Pass
2**	1580.139	35.98	54.0	18.02	AV	175.00	300	Vertical	Pass
3	4216.223	52.71	74.0	21.29	Peak	309.00	200	Vertical	Pass
3**	4216.223	49.52	54.0	4.48	AV	309.00	200	Vertical	Pass
4	4745.820	50.52	74.0	23.48	Peak	0.00	100	Vertical	Pass
4**	4745.820	44.71	54.0	9.29	AV	0.00	100	Vertical	Pass
5	12527.380	55.87	74.0	18.13	Peak	97.00	400	Vertical	Pass
5**	12527.380	42.62	54.0	11.39	AV	97.00	400	Vertical	Pass
6	15379.913	53.04	74.0	20.96	Peak	156.00	200	Vertical	Pass
6**	15379.913	44.50	54.0	9.50	AV	156.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.874	54.42	74.0	19.58	Peak	332.00	100	Horizontal	Pass
1**	1058.874	49.21	54.0	4.79	AV	332.00	100	Horizontal	Pass
2	3689.676	49.09	74.0	24.91	Peak	188.00	100	Horizontal	Pass
2**	3689.676	44.60	54.0	9.40	AV	188.00	100	Horizontal	Pass
3	4221.857	50.83	74.0	23.17	Peak	43.00	200	Horizontal	Pass
3**	4221.857	48.72	54.0	5.28	AV	43.00	200	Horizontal	Pass
4	7330.729	44.83	74.0	29.17	Peak	248.00	400	Horizontal	Pass
4**	7330.729	40.64	54.0	13.36	AV	248.00	400	Horizontal	Pass
5	12521.883	55.79	74.0	18.21	Peak	218.00	300	Horizontal	Pass
5**	12521.883	47.11	54.0	6.89	AV	218.00	300	Horizontal	Pass
6	16149.500	54.37	74.0	19.63	Peak	125.00	400	Horizontal	Pass
6**	16149.500	43.84	54.0	10.16	AV	125.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.813	55.05	74.0	18.95	Peak	269.00	200	Vertical	Pass
1**	1054.813	51.34	54.0	2.66	AV	269.00	200	Vertical	Pass
2	1581.451	50.98	74.0	23.02	Peak	354.00	200	Vertical	Pass
2**	1581.451	35.93	54.0	18.07	AV	354.00	200	Vertical	Pass
3	4219.585	52.76	74.0	21.25	Peak	14.00	200	Vertical	Pass
3**	4219.585	49.45	54.0	4.55	AV	14.00	200	Vertical	Pass
4	4747.218	50.72	74.0	23.28	Peak	239.00	300	Vertical	Pass
4**	4747.218	44.67	54.0	9.33	AV	239.00	300	Vertical	Pass
5	12532.629	55.97	74.0	18.03	Peak	19.00	300	Vertical	Pass
5**	12532.629	42.92	54.0	11.08	AV	19.00	300	Vertical	Pass
6	15380.494	53.45	74.0	20.55	Peak	94.00	200	Vertical	Pass
6**	15380.494	44.76	54.0	9.24	AV	94.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.292	54.31	74.0	19.69	Peak	122.00	100	Horizontal	Pass
1**	1058.292	49.13	54.0	4.87	AV	122.00	100	Horizontal	Pass
2	3688.958	48.82	74.0	25.19	Peak	189.00	400	Horizontal	Pass
2**	3688.958	44.68	54.0	9.32	AV	189.00	400	Horizontal	Pass
3	4221.342	50.88	74.0	23.12	Peak	284.00	200	Horizontal	Pass
3**	4221.342	48.61	54.0	5.40	AV	284.00	200	Horizontal	Pass
4	7331.821	44.99	74.0	29.02	Peak	284.00	100	Horizontal	Pass
4**	7331.821	40.72	54.0	13.28	AV	284.00	100	Horizontal	Pass
5	12517.467	55.52	74.0	18.48	Peak	33.00	100	Horizontal	Pass
5**	12517.467	46.82	54.0	7.18	AV	33.00	100	Horizontal	Pass
6	16148.699	54.77	74.0	19.23	Peak	333.00	300	Horizontal	Pass
6**	16148.699	43.90	54.0	10.10	AV	333.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.744	54.83	74.0	19.17	Peak	350.00	200	Vertical	Pass
1**	1053.744	51.04	54.0	2.96	AV	350.00	200	Vertical	Pass
2	1582.780	50.96	74.0	23.04	Peak	70.00	200	Vertical	Pass
2**	1582.780	36.03	54.0	17.97	AV	70.00	200	Vertical	Pass
3	4217.356	52.90	74.0	21.10	Peak	207.00	200	Vertical	Pass
3**	4217.356	49.09	54.0	4.91	AV	207.00	200	Vertical	Pass
4	4748.778	50.87	74.0	23.13	Peak	191.00	400	Vertical	Pass
4**	4748.778	44.58	54.0	9.42	AV	191.00	400	Vertical	Pass
5	12529.686	56.04	74.0	17.96	Peak	337.00	300	Vertical	Pass
5**	12529.686	42.88	54.0	11.12	AV	337.00	300	Vertical	Pass
6	15385.411	52.98	74.0	21.02	Peak	251.00	100	Vertical	Pass
6**	15385.411	44.78	54.0	9.22	AV	251.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.772	54.02	74.0	19.98	Peak	73.00	100	Horizontal	Pass
1**	1057.772	49.49	54.0	4.51	AV	73.00	100	Horizontal	Pass
2	3694.487	48.74	74.0	25.26	Peak	246.00	300	Horizontal	Pass
2**	3694.487	44.75	54.0	9.25	AV	246.00	300	Horizontal	Pass
3	4219.593	51.21	74.0	22.79	Peak	305.00	200	Horizontal	Pass
3**	4219.593	48.74	54.0	5.26	AV	305.00	200	Horizontal	Pass
4	7334.964	44.40	74.0	29.60	Peak	166.00	400	Horizontal	Pass
4**	7334.964	40.83	54.0	13.17	AV	166.00	400	Horizontal	Pass
5	12517.615	55.79	74.0	18.21	Peak	175.00	400	Horizontal	Pass
5**	12517.615	46.85	54.0	7.15	AV	175.00	400	Horizontal	Pass
6	16145.889	54.45	74.0	19.56	Peak	38.00	100	Horizontal	Pass
6**	16145.889	43.78	54.0	10.22	AV	38.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.748	55.03	74.0	18.97	Peak	349.00	100	Vertical	Pass
1**	1057.748	51.16	54.0	2.84	AV	349.00	100	Vertical	Pass
2	1585.268	50.98	74.0	23.02	Peak	277.00	300	Vertical	Pass
2**	1585.268	35.65	54.0	18.36	AV	277.00	300	Vertical	Pass
3	4223.806	52.68	74.0	21.32	Peak	234.00	200	Vertical	Pass
3**	4223.806	49.58	54.0	4.42	AV	234.00	200	Vertical	Pass
4	4744.348	50.52	74.0	23.48	Peak	103.00	100	Vertical	Pass
4**	4744.348	44.83	54.0	9.17	AV	103.00	100	Vertical	Pass
5	12531.092	55.92	74.0	18.08	Peak	179.00	400	Vertical	Pass
5**	12531.092	42.57	54.0	11.43	AV	179.00	400	Vertical	Pass
6	15383.628	53.29	74.0	20.71	Peak	87.00	400	Vertical	Pass
6**	15383.628	44.41	54.0	9.59	AV	87.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.140	54.31	74.0	19.69	Peak	305.00	200	Horizontal	Pass
1**	1055.140	49.25	54.0	4.75	AV	305.00	200	Horizontal	Pass
2	3695.599	48.96	74.0	25.04	Peak	281.00	200	Horizontal	Pass
2**	3695.599	44.29	54.0	9.72	AV	281.00	200	Horizontal	Pass
3	4222.195	51.07	74.0	22.93	Peak	330.00	200	Horizontal	Pass
3**	4222.195	48.82	54.0	5.19	AV	330.00	200	Horizontal	Pass
4	7334.432	44.56	74.0	29.44	Peak	242.00	100	Horizontal	Pass
4**	7334.432	40.88	54.0	13.12	AV	242.00	100	Horizontal	Pass
5	12519.286	55.96	74.0	18.04	Peak	254.00	200	Horizontal	Pass
5**	12519.286	47.14	54.0	6.86	AV	254.00	200	Horizontal	Pass
6	16146.366	54.74	74.0	19.26	Peak	201.00	200	Horizontal	Pass
6**	16146.366	43.69	54.0	10.31	AV	201.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.342	54.73	74.0	19.27	Peak	316.00	400	Vertical	Pass
1**	1053.342	51.31	54.0	2.69	AV	316.00	400	Vertical	Pass
2	1579.465	51.20	74.0	22.80	Peak	111.00	400	Vertical	Pass
2**	1579.465	35.77	54.0	18.23	AV	111.00	400	Vertical	Pass
3	4221.173	52.56	74.0	21.44	Peak	157.00	200	Vertical	Pass
3**	4221.173	49.48	54.0	4.52	AV	157.00	200	Vertical	Pass
4	4746.454	50.43	74.0	23.57	Peak	39.00	100	Vertical	Pass
4**	4746.454	44.55	54.0	9.45	AV	39.00	100	Vertical	Pass
5	12529.526	55.78	74.0	18.22	Peak	274.00	400	Vertical	Pass
5**	12529.526	42.69	54.0	11.31	AV	274.00	400	Vertical	Pass
6	15385.077	53.33	74.0	20.67	Peak	116.00	400	Vertical	Pass
6**	15385.077	44.48	54.0	9.52	AV	116.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.050	54.19	74.0	19.81	Peak	63.00	200	Horizontal	Pass
1**	1055.050	49.21	54.0	4.79	AV	63.00	200	Horizontal	Pass
2	3690.747	48.89	74.0	25.11	Peak	129.00	200	Horizontal	Pass
2**	3690.747	44.37	54.0	9.63	AV	129.00	200	Horizontal	Pass
3	4218.806	51.24	74.0	22.76	Peak	52.00	200	Horizontal	Pass
3**	4218.806	48.64	54.0	5.36	AV	52.00	200	Horizontal	Pass
4	7334.175	44.74	74.0	29.26	Peak	159.00	100	Horizontal	Pass
4**	7334.175	40.91	54.0	13.09	AV	159.00	100	Horizontal	Pass
5	12521.786	55.83	74.0	18.18	Peak	13.00	100	Horizontal	Pass
5**	12521.786	47.20	54.0	6.80	AV	13.00	100	Horizontal	Pass
6	16149.361	54.54	74.0	19.46	Peak	56.00	400	Horizontal	Pass
6**	16149.361	43.50	54.0	10.51	AV	56.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.092	55.04	74.0	18.96	Peak	56.00	300	Vertical	Pass
1**	1057.092	51.40	54.0	2.60	AV	56.00	300	Vertical	Pass
2	1580.889	51.28	74.0	22.72	Peak	11.00	400	Vertical	Pass
2**	1580.889	36.00	54.0	18.00	AV	11.00	400	Vertical	Pass
3	4220.903	52.61	74.0	21.39	Peak	298.00	200	Vertical	Pass
3**	4220.903	49.55	54.0	4.45	AV	298.00	200	Vertical	Pass
4	4750.185	50.51	74.0	23.49	Peak	174.00	200	Vertical	Pass
4**	4750.185	44.60	54.0	9.40	AV	174.00	200	Vertical	Pass
5	12529.435	55.81	74.0	18.19	Peak	254.00	100	Vertical	Pass
5**	12529.435	42.65	54.0	11.35	AV	254.00	100	Vertical	Pass
6	15381.955	52.96	74.0	21.04	Peak	35.00	200	Vertical	Pass
6**	15381.955	44.32	54.0	9.68	AV	35.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.422	54.15	74.0	19.85	Peak	318.00	100	Horizontal	Pass
1**	1051.422	49.18	54.0	4.82	AV	318.00	100	Horizontal	Pass
2	3690.869	48.65	74.0	25.35	Peak	39.00	400	Horizontal	Pass
2**	3690.869	44.62	54.0	9.38	AV	39.00	400	Horizontal	Pass
3	4216.598	50.89	74.0	23.11	Peak	118.00	200	Horizontal	Pass
3**	4216.598	48.37	54.0	5.63	AV	118.00	200	Horizontal	Pass
4	7330.336	44.91	74.0	29.10	Peak	130.00	200	Horizontal	Pass
4**	7330.336	40.35	54.0	13.65	AV	130.00	200	Horizontal	Pass
5	12516.010	55.77	74.0	18.23	Peak	173.00	100	Horizontal	Pass
5**	12516.010	46.81	54.0	7.19	AV	173.00	100	Horizontal	Pass
6	16149.420	54.37	74.0	19.63	Peak	3.00	100	Horizontal	Pass
6**	16149.420	44.04	54.0	9.96	AV	3.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.259	54.73	74.0	19.27	Peak	180.00	300	Vertical	Pass
1**	1051.259	51.36	54.0	2.64	AV	180.00	300	Vertical	Pass
2	1582.992	51.21	74.0	22.79	Peak	218.00	400	Vertical	Pass
2**	1582.992	35.89	54.0	18.11	AV	218.00	400	Vertical	Pass
3	4219.758	52.48	74.0	21.52	Peak	39.00	200	Vertical	Pass
3**	4219.758	49.57	54.0	4.43	AV	39.00	200	Vertical	Pass
4	4750.592	50.71	74.0	23.29	Peak	260.00	200	Vertical	Pass
4**	4750.592	44.88	54.0	9.12	AV	260.00	200	Vertical	Pass
5	12531.135	55.50	74.0	18.50	Peak	21.00	100	Vertical	Pass
5**	12531.135	42.80	54.0	11.20	AV	21.00	100	Vertical	Pass
6	15379.268	52.89	74.0	21.12	Peak	266.00	400	Vertical	Pass
6**	15379.268	44.75	54.0	9.25	AV	266.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.118	54.50	74.0	19.50	Peak	84.00	400	Horizontal	Pass
1**	1058.118	49.23	54.0	4.77	AV	84.00	400	Horizontal	Pass
2	3693.540	48.99	74.0	25.01	Peak	69.00	300	Horizontal	Pass
2**	3693.540	44.23	54.0	9.77	AV	69.00	300	Horizontal	Pass
3	4222.814	50.92	74.0	23.08	Peak	217.00	200	Horizontal	Pass
3**	4222.814	48.73	54.0	5.27	AV	217.00	200	Horizontal	Pass
4	7334.812	44.69	74.0	29.31	Peak	202.00	200	Horizontal	Pass
4**	7334.812	40.43	54.0	13.57	AV	202.00	200	Horizontal	Pass
5	12520.345	55.93	74.0	18.07	Peak	301.00	200	Horizontal	Pass
5**	12520.345	46.85	54.0	7.16	AV	301.00	200	Horizontal	Pass
6	16149.729	54.70	74.0	19.30	Peak	347.00	300	Horizontal	Pass
6**	16149.729	43.67	54.0	10.33	AV	347.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.332	54.52	74.0	19.48	Peak	198.00	100	Vertical	Pass
1**	1057.332	50.94	54.0	3.06	AV	198.00	100	Vertical	Pass
2	1580.379	50.99	74.0	23.01	Peak	174.00	200	Vertical	Pass
2**	1580.379	35.79	54.0	18.21	AV	174.00	200	Vertical	Pass
3	4221.060	52.50	74.0	21.50	Peak	92.00	200	Vertical	Pass
3**	4221.060	49.40	54.0	4.60	AV	92.00	200	Vertical	Pass
4	4749.165	50.55	74.0	23.45	Peak	245.00	300	Vertical	Pass
4**	4749.165	44.78	54.0	9.23	AV	245.00	300	Vertical	Pass
5	12529.838	55.99	74.0	18.01	Peak	35.00	300	Vertical	Pass
5**	12529.838	42.59	54.0	11.41	AV	35.00	300	Vertical	Pass
6	15383.114	52.98	74.0	21.02	Peak	197.00	300	Vertical	Pass
6**	15383.114	44.67	54.0	9.33	AV	197.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.672	54.13	74.0	19.87	Peak	245.00	100	Horizontal	Pass
1**	1051.672	49.24	54.0	4.76	AV	245.00	100	Horizontal	Pass
2	3692.239	48.67	74.0	25.33	Peak	163.00	200	Horizontal	Pass
2**	3692.239	44.59	54.0	9.41	AV	163.00	200	Horizontal	Pass
3	4219.866	51.30	74.0	22.70	Peak	64.00	200	Horizontal	Pass
3**	4219.866	48.36	54.0	5.64	AV	64.00	200	Horizontal	Pass
4	7332.869	44.90	74.0	29.10	Peak	279.00	200	Horizontal	Pass
4**	7332.869	40.89	54.0	13.11	AV	279.00	200	Horizontal	Pass
5	12517.872	55.75	74.0	18.25	Peak	36.00	200	Horizontal	Pass
5**	12517.872	47.28	54.0	6.72	AV	36.00	200	Horizontal	Pass
6	16149.964	54.60	74.0	19.40	Peak	84.00	100	Horizontal	Pass
6**	16149.964	43.50	54.0	10.50	AV	84.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.496	54.87	74.0	19.13	Peak	104.00	400	Vertical	Pass
1**	1057.496	51.13	54.0	2.87	AV	104.00	400	Vertical	Pass
2	1581.404	50.77	74.0	23.23	Peak	339.00	300	Vertical	Pass
2**	1581.404	35.74	54.0	18.26	AV	339.00	300	Vertical	Pass
3	4220.494	52.70	74.0	21.31	Peak	340.00	200	Vertical	Pass
3**	4220.494	49.35	54.0	4.65	AV	340.00	200	Vertical	Pass
4	4747.060	50.67	74.0	23.33	Peak	117.00	300	Vertical	Pass
4**	4747.060	44.93	54.0	9.07	AV	117.00	300	Vertical	Pass
5	12531.304	55.53	74.0	18.48	Peak	214.00	200	Vertical	Pass
5**	12531.304	42.77	54.0	11.23	AV	214.00	200	Vertical	Pass
6	15378.513	53.35	74.0	20.66	Peak	156.00	200	Vertical	Pass
6**	15378.513	44.49	54.0	9.52	AV	156.00	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	1056.549	54.22	74.0	19.78	Peak	328.00	100	Horizontal	Pass
1**	1056.549	49.31	54.0	4.70	AV	328.00	100	Horizontal	Pass
2	3691.519	48.76	74.0	25.24	Peak	161.00	400	Horizontal	Pass
2**	3691.519	44.63	54.0	9.37	AV	161.00	400	Horizontal	Pass
3	4218.390	51.09	74.0	22.91	Peak	359.00	200	Horizontal	Pass
3**	4218.390	48.58	54.0	5.42	AV	359.00	200	Horizontal	Pass
4	7330.035	44.77	74.0	29.24	Peak	178.00	300	Horizontal	Pass
4**	7330.035	40.34	54.0	13.66	AV	178.00	300	Horizontal	Pass
5	12519.152	55.85	74.0	18.15	Peak	143.00	100	Horizontal	Pass
5**	12519.152	47.10	54.0	6.90	AV	143.00	100	Horizontal	Pass
6	16145.917	54.26	74.0	19.74	Peak	179.00	200	Horizontal	Pass
6**	16145.917	43.72	54.0	10.28	AV	179.00	200	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	1059.081	54.88	74.0	19.12	Peak	354.00	300	Vertical	Pass
1**	1059.081	51.15	54.0	2.85	AV	354.00	300	Vertical	Pass
2	1578.675	51.16	74.0	22.84	Peak	327.00	300	Vertical	Pass
2**	1578.675	35.66	54.0	18.34	AV	327.00	300	Vertical	Pass
3	4216.345	52.91	74.0	21.09	Peak	96.00	200	Vertical	Pass
3**	4216.345	49.31	54.0	4.69	AV	96.00	200	Vertical	Pass
4	4746.738	50.73	74.0	23.27	Peak	327.00	400	Vertical	Pass
4**	4746.738	44.59	54.0	9.41	AV	327.00	400	Vertical	Pass
5	12529.842	55.60	74.0	18.40	Peak	145.00	300	Vertical	Pass
5**	12529.842	42.81	54.0	11.19	AV	145.00	300	Vertical	Pass
6	15378.556	53.21	74.0	20.79	Peak	204.00	100	Vertical	Pass
6**	15378.556	44.84	54.0	9.16	AV	204.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.112	54.10	74.0	19.90	Peak	34.00	300	Horizontal	Pass
1**	1053.112	48.99	54.0	5.02	AV	34.00	300	Horizontal	Pass
2	3690.444	49.07	74.0	24.93	Peak	214.00	400	Horizontal	Pass
2**	3690.444	44.52	54.0	9.48	AV	214.00	400	Horizontal	Pass
3	4222.849	50.99	74.0	23.01	Peak	286.00	200	Horizontal	Pass
3**	4222.849	48.35	54.0	5.65	AV	286.00	200	Horizontal	Pass
4	7330.266	44.49	74.0	29.51	Peak	161.00	300	Horizontal	Pass
4**	7330.266	40.53	54.0	13.47	AV	161.00	300	Horizontal	Pass
5	12519.285	55.68	74.0	18.32	Peak	92.00	100	Horizontal	Pass
5**	12519.285	46.78	54.0	7.23	AV	92.00	100	Horizontal	Pass
6	16150.905	54.66	74.0	19.34	Peak	176.00	300	Horizontal	Pass
6**	16150.905	44.00	54.0	10.00	AV	176.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.324	54.53	74.0	19.47	Peak	43.00	100	Vertical	Pass
1**	1054.324	51.32	54.0	2.68	AV	43.00	100	Vertical	Pass
2	1579.664	51.28	74.0	22.72	Peak	75.00	200	Vertical	Pass
2**	1579.664	36.00	54.0	18.01	AV	75.00	200	Vertical	Pass
3	4223.304	52.73	74.0	21.27	Peak	161.00	200	Vertical	Pass
3**	4223.304	49.60	54.0	4.40	AV	161.00	200	Vertical	Pass
4	4748.757	50.65	74.0	23.35	Peak	125.00	100	Vertical	Pass
4**	4748.757	44.71	54.0	9.30	AV	125.00	100	Vertical	Pass
5	12533.145	55.67	74.0	18.33	Peak	208.00	300	Vertical	Pass
5**	12533.145	42.75	54.0	11.25	AV	208.00	300	Vertical	Pass
6	15380.581	53.24	74.0	20.76	Peak	6.00	300	Vertical	Pass
6**	15380.581	44.28	54.0	9.72	AV	6.00	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	1052.775	54.54	74.0	19.46	Peak	165.00	100	Horizontal	Pass
1**	1052.775	48.97	54.0	5.03	AV	165.00	100	Horizontal	Pass
2	3694.083	48.74	74.0	25.26	Peak	319.00	300	Horizontal	Pass
2**	3694.083	44.69	54.0	9.31	AV	319.00	300	Horizontal	Pass
3	4223.378	51.32	74.0	22.68	Peak	30.00	200	Horizontal	Pass
3**	4223.378	48.63	54.0	5.37	AV	30.00	200	Horizontal	Pass
4	7333.861	44.40	74.0	29.60	Peak	177.00	200	Horizontal	Pass
4**	7333.861	40.62	54.0	13.39	AV	177.00	200	Horizontal	Pass
5	12517.389	55.73	74.0	18.28	Peak	153.00	300	Horizontal	Pass
5**	12517.389	47.22	54.0	6.78	AV	153.00	300	Horizontal	Pass
6	16148.435	54.37	74.0	19.63	Peak	204.00	100	Horizontal	Pass
6**	16148.435	43.50	54.0	10.50	AV	204.00	100	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	1055.186	54.57	74.0	19.43	Peak	72.00	300	Vertical	Pass
1**	1055.186	51.35	54.0	2.65	AV	72.00	300	Vertical	Pass
2	1583.957	51.09	74.0	22.91	Peak	85.00	400	Vertical	Pass
2**	1583.957	35.75	54.0	18.25	AV	85.00	400	Vertical	Pass
3	4219.027	52.48	74.0	21.52	Peak	263.00	200	Vertical	Pass
3**	4219.027	49.14	54.0	4.86	AV	263.00	200	Vertical	Pass
4	4746.574	50.60	74.0	23.40	Peak	213.00	200	Vertical	Pass
4**	4746.574	44.58	54.0	9.42	AV	213.00	200	Vertical	Pass
5	12527.299	55.88	74.0	18.12	Peak	280.00	400	Vertical	Pass
5**	12527.299	42.71	54.0	11.29	AV	280.00	400	Vertical	Pass
6	15380.674	53.37	74.0	20.63	Peak	103.00	300	Vertical	Pass
6**	15380.674	44.43	54.0	9.57	AV	103.00	300	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	1053.051	54.17	74.0	19.83	Peak	28.00	300	Horizontal	Pass
1**	1053.051	49.51	54.0	4.49	AV	28.00	300	Horizontal	Pass
2	3688.527	48.68	74.0	25.32	Peak	25.00	300	Horizontal	Pass
2**	3688.527	44.63	54.0	9.37	AV	25.00	300	Horizontal	Pass
3	4222.357	51.27	74.0	22.73	Peak	304.00	200	Horizontal	Pass
3**	4222.357	48.52	54.0	5.48	AV	304.00	200	Horizontal	Pass
4	7335.897	44.46	74.0	29.54	Peak	58.00	100	Horizontal	Pass
4**	7335.897	40.67	54.0	13.33	AV	58.00	100	Horizontal	Pass
5	12519.313	55.73	74.0	18.27	Peak	305.00	400	Horizontal	Pass
5**	12519.313	46.94	54.0	7.06	AV	305.00	400	Horizontal	Pass
6	16150.030	54.25	74.0	19.75	Peak	239.00	400	Horizontal	Pass
6**	16150.030	43.48	54.0	10.52	AV	239.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1055.790	54.97	74.0	19.03	Peak	43.00	100	Vertical	Pass
1**	1055.790	51.25	54.0	2.75	AV	43.00	100	Vertical	Pass
2	1582.628	50.75	74.0	23.25	Peak	183.00	400	Vertical	Pass
2**	1582.628	35.83	54.0	18.17	AV	183.00	400	Vertical	Pass
3	4220.647	52.51	74.0	21.49	Peak	250.00	200	Vertical	Pass
3**	4220.647	49.15	54.0	4.86	AV	250.00	200	Vertical	Pass
4	4750.323	50.55	74.0	23.45	Peak	98.00	200	Vertical	Pass
4**	4750.323	44.81	54.0	9.19	AV	98.00	200	Vertical	Pass
5	12533.345	56.05	74.0	17.95	Peak	91.00	300	Vertical	Pass
5**	12533.345	42.66	54.0	11.34	AV	91.00	300	Vertical	Pass
6	15379.145	53.00	74.0	21.00	Peak	288.00	200	Vertical	Pass
6**	15379.145	44.62	54.0	9.38	AV	288.00	200	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	1057.511	54.27	74.0	19.73	Peak	272.00	400	Horizontal	Pass
1**	1057.511	49.41	54.0	4.59	AV	272.00	400	Horizontal	Pass
2	3694.674	49.08	74.0	24.92	Peak	139.00	300	Horizontal	Pass
2**	3694.674	44.45	54.0	9.55	AV	139.00	300	Horizontal	Pass
3	4222.623	51.39	74.0	22.61	Peak	18.00	200	Horizontal	Pass
3**	4222.623	48.33	54.0	5.67	AV	18.00	200	Horizontal	Pass
4	7335.550	44.72	74.0	29.28	Peak	182.00	400	Horizontal	Pass
4**	7335.550	40.68	54.0	13.32	AV	182.00	400	Horizontal	Pass
5	12520.747	55.57	74.0	18.43	Peak	202.00	300	Horizontal	Pass
5**	12520.747	46.92	54.0	7.08	AV	202.00	300	Horizontal	Pass
6	16150.760	54.28	74.0	19.72	Peak	63.00	300	Horizontal	Pass
6**	16150.760	44.06	54.0	9.94	AV	63.00	300	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	1053.259	55.02	74.0	18.98	Peak	25.00	400	Vertical	Pass
1**	1053.259	50.92	54.0	3.08	AV	25.00	400	Vertical	Pass
2	1578.118	51.09	74.0	22.91	Peak	110.00	300	Vertical	Pass
2**	1578.118	35.72	54.0	18.28	AV	110.00	300	Vertical	Pass
3	4219.243	52.56	74.0	21.45	Peak	83.00	200	Vertical	Pass
3**	4219.243	49.06	54.0	4.94	AV	83.00	200	Vertical	Pass
4	4745.991	50.81	74.0	23.19	Peak	360.00	300	Vertical	Pass
4**	4745.991	44.89	54.0	9.11	AV	360.00	300	Vertical	Pass
5	12531.012	55.75	74.0	18.25	Peak	229.00	300	Vertical	Pass
5**	12531.012	42.91	54.0	11.09	AV	229.00	300	Vertical	Pass
6	15378.781	53.28	74.0	20.72	Peak	333.00	200	Vertical	Pass
6**	15378.781	44.83	54.0	9.18	AV	333.00	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	1057.865	54.26	74.0	19.74	Peak	107.00	200	Horizontal	Pass
1**	1057.865	49.03	54.0	4.97	AV	107.00	200	Horizontal	Pass
2	3693.154	48.90	74.0	25.10	Peak	176.00	300	Horizontal	Pass
2**	3693.154	44.48	54.0	9.52	AV	176.00	300	Horizontal	Pass
3	4216.319	51.09	74.0	22.91	Peak	109.00	200	Horizontal	Pass
3**	4216.319	48.63	54.0	5.37	AV	109.00	200	Horizontal	Pass
4	7334.546	44.88	74.0	29.12	Peak	165.00	200	Horizontal	Pass
4**	7334.546	40.54	54.0	13.47	AV	165.00	200	Horizontal	Pass
5	12520.112	55.47	74.0	18.53	Peak	142.00	100	Horizontal	Pass
5**	12520.112	47.19	54.0	6.81	AV	142.00	100	Horizontal	Pass
6	16149.547	54.46	74.0	19.54	Peak	154.00	400	Horizontal	Pass
6**	16149.547	43.84	54.0	10.16	AV	154.00	400	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	1056.900	54.77	74.0	19.24	Peak	156.00	200	Vertical	Pass
1**	1056.900	51.42	54.0	2.58	AV	156.00	200	Vertical	Pass
2	1579.400	51.10	74.0	22.90	Peak	289.00	100	Vertical	Pass
2**	1579.400	36.20	54.0	17.80	AV	289.00	100	Vertical	Pass
3	4221.860	52.72	74.0	21.28	Peak	277.00	200	Vertical	Pass
3**	4221.860	49.43	54.0	4.57	AV	277.00	200	Vertical	Pass
4	4744.900	50.77	74.0	23.23	Peak	284.00	400	Vertical	Pass
4**	4744.900	44.54	54.0	9.46	AV	284.00	400	Vertical	Pass
5	12526.640	55.61	74.0	18.40	Peak	101.00	300	Vertical	Pass
5**	12526.640	42.79	54.0	11.21	AV	101.00	300	Vertical	Pass
6	15381.760	53.01	74.0	20.99	Peak	119.00	200	Vertical	Pass
6**	15381.760	44.80	54.0	9.20	AV	119.00	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	1056.256	54.37	74.0	19.63	Peak	321.00	300	Horizontal	Pass
1**	1056.256	49.24	54.0	4.76	AV	321.00	300	Horizontal	Pass
2	3691.953	48.74	74.0	25.27	Peak	162.00	400	Horizontal	Pass
2**	3691.953	44.70	54.0	9.30	AV	162.00	400	Horizontal	Pass
3	4219.108	51.29	74.0	22.71	Peak	199.00	200	Horizontal	Pass
3**	4219.108	48.33	54.0	5.67	AV	199.00	200	Horizontal	Pass
4	7333.277	44.48	74.0	29.52	Peak	247.00	100	Horizontal	Pass
4**	7333.277	40.87	54.0	13.13	AV	247.00	100	Horizontal	Pass
5	12516.554	55.60	74.0	18.40	Peak	320.00	100	Horizontal	Pass
5**	12516.554	47.09	54.0	6.91	AV	320.00	100	Horizontal	Pass
6	16147.458	54.41	74.0	19.60	Peak	127.00	100	Horizontal	Pass
6**	16147.458	43.75	54.0	10.25	AV	127.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.624	55.03	74.0	18.97	Peak	165.00	400	Vertical	Pass
1**	1056.624	51.12	54.0	2.88	AV	165.00	400	Vertical	Pass
2	1578.373	51.12	74.0	22.89	Peak	189.00	100	Vertical	Pass
2**	1578.373	35.95	54.0	18.05	AV	189.00	100	Vertical	Pass
3	4221.576	52.86	74.0	21.15	Peak	193.00	200	Vertical	Pass
3**	4221.576	49.04	54.0	4.96	AV	193.00	200	Vertical	Pass
4	4747.152	50.47	74.0	23.53	Peak	179.00	200	Vertical	Pass
4**	4747.152	45.09	54.0	8.91	AV	179.00	200	Vertical	Pass
5	12532.121	55.78	74.0	18.23	Peak	196.00	300	Vertical	Pass
5**	12532.121	42.53	54.0	11.47	AV	196.00	300	Vertical	Pass
6	15380.123	53.38	74.0	20.62	Peak	168.00	300	Vertical	Pass
6**	15380.123	44.39	54.0	9.61	AV	168.00	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	1058.512	54.30	74.0	19.70	Peak	114.00	200	Horizontal	Pass
1**	1058.512	49.03	54.0	4.97	AV	114.00	200	Horizontal	Pass
2	3695.687	48.71	74.0	25.29	Peak	325.00	100	Horizontal	Pass
2**	3695.687	44.66	54.0	9.34	AV	325.00	100	Horizontal	Pass
3	4223.255	51.10	74.0	22.91	Peak	150.00	200	Horizontal	Pass
3**	4223.255	48.66	54.0	5.34	AV	150.00	200	Horizontal	Pass
4	7332.341	44.64	74.0	29.36	Peak	288.00	400	Horizontal	Pass
4**	7332.341	40.91	54.0	13.10	AV	288.00	400	Horizontal	Pass
5	12520.104	55.67	74.0	18.34	Peak	327.00	300	Horizontal	Pass
5**	12520.104	47.10	54.0	6.90	AV	327.00	300	Horizontal	Pass
6	16145.123	54.73	74.0	19.27	Peak	194.00	100	Horizontal	Pass
6**	16145.123	43.97	54.0	10.03	AV	194.00	100	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	1056.154	54.98	74.0	19.03	Peak	68.00	300	Vertical	Pass
1**	1056.154	50.93	54.0	3.07	AV	68.00	300	Vertical	Pass
2	1579.450	51.00	74.0	23.01	Peak	323.00	200	Vertical	Pass
2**	1579.450	35.99	54.0	18.01	AV	323.00	200	Vertical	Pass
3	4217.000	52.50	74.0	21.50	Peak	200.00	200	Vertical	Pass
3**	4217.000	49.31	54.0	4.69	AV	200.00	200	Vertical	Pass
4	4747.987	50.48	74.0	23.53	Peak	172.00	100	Vertical	Pass
4**	4747.987	44.57	54.0	9.43	AV	172.00	100	Vertical	Pass
5	12528.015	55.56	74.0	18.44	Peak	170.00	300	Vertical	Pass
5**	12528.015	43.00	54.0	11.00	AV	170.00	300	Vertical	Pass
6	15383.157	53.04	74.0	20.96	Peak	109.00	300	Vertical	Pass
6**	15383.157	44.37	54.0	9.63	AV	109.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.316	54.46	74.0	19.54	Peak	118.00	200	Horizontal	Pass
1**	1054.316	49.11	54.0	4.89	AV	118.00	200	Horizontal	Pass
2	3694.019	49.11	74.0	24.89	Peak	170.00	300	Horizontal	Pass
2**	3694.019	44.31	54.0	9.69	AV	170.00	300	Horizontal	Pass
3	4219.747	51.32	74.0	22.68	Peak	65.00	200	Horizontal	Pass
3**	4219.747	48.56	54.0	5.44	AV	65.00	200	Horizontal	Pass
4	7331.129	44.93	74.0	29.07	Peak	228.00	100	Horizontal	Pass
4**	7331.129	40.38	54.0	13.62	AV	228.00	100	Horizontal	Pass
5	12518.574	55.52	74.0	18.48	Peak	203.00	100	Horizontal	Pass
5**	12518.574	46.79	54.0	7.21	AV	203.00	100	Horizontal	Pass
6	16145.408	54.41	74.0	19.60	Peak	308.00	100	Horizontal	Pass
6**	16145.408	43.55	54.0	10.45	AV	308.00	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	1058.849	54.70	74.0	19.30	Peak	180.00	100	Vertical	Pass
1**	1058.849	51.01	54.0	2.99	AV	180.00	100	Vertical	Pass
2	1581.086	50.91	74.0	23.09	Peak	194.00	300	Vertical	Pass
2**	1581.086	35.88	54.0	18.12	AV	194.00	300	Vertical	Pass
3	4217.909	52.98	74.0	21.02	Peak	302.00	200	Vertical	Pass
3**	4217.909	49.07	54.0	4.93	AV	302.00	200	Vertical	Pass
4	4743.936	50.96	74.0	23.04	Peak	209.00	200	Vertical	Pass
4**	4743.936	44.71	54.0	9.29	AV	209.00	200	Vertical	Pass
5	12526.740	55.90	74.0	18.10	Peak	269.00	200	Vertical	Pass
5**	12526.740	42.89	54.0	11.12	AV	269.00	200	Vertical	Pass
6	15384.984	53.15	74.0	20.85	Peak	287.00	400	Vertical	Pass
6**	15384.984	44.29	54.0	9.71	AV	287.00	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	1058.464	54.56	74.0	19.44	Peak	105.00	400	Horizontal	Pass
1**	1058.464	49.41	54.0	4.59	AV	105.00	400	Horizontal	Pass
2	3688.739	48.58	74.0	25.42	Peak	270.00	100	Horizontal	Pass
2**	3688.739	44.80	54.0	9.20	AV	270.00	100	Horizontal	Pass
3	4217.853	50.95	74.0	23.05	Peak	30.00	200	Horizontal	Pass
3**	4217.853	48.86	54.0	5.14	AV	30.00	200	Horizontal	Pass
4	7332.777	44.50	74.0	29.51	Peak	178.00	300	Horizontal	Pass
4**	7332.777	40.63	54.0	13.37	AV	178.00	300	Horizontal	Pass
5	12519.440	55.44	74.0	18.56	Peak	50.00	400	Horizontal	Pass
5**	12519.440	47.24	54.0	6.76	AV	50.00	400	Horizontal	Pass
6	16145.961	54.27	74.0	19.73	Peak	122.00	400	Horizontal	Pass
6**	16145.961	43.84	54.0	10.16	AV	122.00	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	1057.402	54.87	74.0	19.13	Peak	93.00	100	Vertical	Pass
1**	1057.402	51.31	54.0	2.69	AV	93.00	100	Vertical	Pass
2	1583.772	50.92	74.0	23.08	Peak	301.00	200	Vertical	Pass
2**	1583.772	36.17	54.0	17.83	AV	301.00	200	Vertical	Pass
3	4223.299	52.67	74.0	21.33	Peak	91.00	200	Vertical	Pass
3**	4223.299	49.38	54.0	4.62	AV	91.00	200	Vertical	Pass
4	4747.813	50.87	74.0	23.14	Peak	183.00	200	Vertical	Pass
4**	4747.813	44.99	54.0	9.01	AV	183.00	200	Vertical	Pass
5	12526.651	55.50	74.0	18.50	Peak	132.00	300	Vertical	Pass
5**	12526.651	42.49	54.0	11.51	AV	132.00	300	Vertical	Pass
6	15382.460	53.41	74.0	20.59	Peak	198.00	400	Vertical	Pass
6**	15382.460	44.83	54.0	9.17	AV	198.00	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	1052.792	54.32	74.0	19.68	Peak	90.00	100	Horizontal	Pass
1**	1052.792	49.51	54.0	4.50	AV	90.00	100	Horizontal	Pass
2	3692.632	48.84	74.0	25.16	Peak	160.00	200	Horizontal	Pass
2**	3692.632	44.20	54.0	9.80	AV	160.00	200	Horizontal	Pass
3	4222.524	51.20	74.0	22.80	Peak	153.00	200	Horizontal	Pass
3**	4222.524	48.41	54.0	5.59	AV	153.00	200	Horizontal	Pass
4	7337.350	44.63	74.0	29.37	Peak	229.00	300	Horizontal	Pass
4**	7337.350	40.58	54.0	13.42	AV	229.00	300	Horizontal	Pass
5	12521.978	55.88	74.0	18.12	Peak	86.00	400	Horizontal	Pass
5**	12521.978	47.24	54.0	6.76	AV	86.00	400	Horizontal	Pass
6	16150.055	54.62	74.0	19.38	Peak	188.00	300	Horizontal	Pass
6**	16150.055	43.80	54.0	10.21	AV	188.00	300	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	1055.771	54.74	74.0	19.26	Peak	266.00	400	Vertical	Pass
1**	1055.771	51.35	54.0	2.65	AV	266.00	400	Vertical	Pass
2	1583.645	51.24	74.0	22.76	Peak	198.00	400	Vertical	Pass
2**	1583.645	36.16	54.0	17.84	AV	198.00	400	Vertical	Pass
3	4218.993	52.88	74.0	21.12	Peak	279.00	200	Vertical	Pass
3**	4218.993	49.46	54.0	4.54	AV	279.00	200	Vertical	Pass
4	4745.337	50.82	74.0	23.19	Peak	120.00	300	Vertical	Pass
4**	4745.337	44.85	54.0	9.16	AV	120.00	300	Vertical	Pass
5	12533.233	55.80	74.0	18.20	Peak	140.00	200	Vertical	Pass
5**	12533.233	42.89	54.0	11.11	AV	140.00	200	Vertical	Pass
6	15379.372	53.36	74.0	20.64	Peak	119.00	300	Vertical	Pass
6**	15379.372	44.85	54.0	9.15	AV	119.00	300	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	1052.175	54.25	74.0	19.75	Peak	168.00	100	Horizontal	Pass
1**	1052.175	49.01	54.0	4.99	AV	168.00	100	Horizontal	Pass
2	3694.472	48.67	74.0	25.33	Peak	160.00	200	Horizontal	Pass
2**	3694.472	44.70	54.0	9.30	AV	160.00	200	Horizontal	Pass
3	4221.215	50.96	74.0	23.05	Peak	355.00	200	Horizontal	Pass
3**	4221.215	48.51	54.0	5.49	AV	355.00	200	Horizontal	Pass
4	7336.140	44.64	74.0	29.36	Peak	67.00	100	Horizontal	Pass
4**	7336.140	40.37	54.0	13.63	AV	67.00	100	Horizontal	Pass
5	12517.274	55.85	74.0	18.16	Peak	37.00	200	Horizontal	Pass
5**	12517.274	46.87	54.0	7.13	AV	37.00	200	Horizontal	Pass
6	16144.773	54.58	74.0	19.42	Peak	108.00	400	Horizontal	Pass
6**	16144.773	44.05	54.0	9.95	AV	108.00	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	1057.789	54.71	74.0	19.29	Peak	259.00	100	Vertical	Pass
1**	1057.789	50.94	54.0	3.06	AV	259.00	100	Vertical	Pass
2	1584.651	51.16	74.0	22.84	Peak	153.00	200	Vertical	Pass
2**	1584.651	35.73	54.0	18.27	AV	153.00	200	Vertical	Pass
3	4216.665	52.75	74.0	21.25	Peak	78.00	200	Vertical	Pass
3**	4216.665	49.55	54.0	4.45	AV	78.00	200	Vertical	Pass
4	4747.005	50.97	74.0	23.03	Peak	38.00	100	Vertical	Pass
4**	4747.005	44.70	54.0	9.30	AV	38.00	100	Vertical	Pass
5	12526.448	55.60	74.0	18.40	Peak	222.00	400	Vertical	Pass
5**	12526.448	42.58	54.0	11.43	AV	222.00	400	Vertical	Pass
6	15386.099	53.38	74.0	20.62	Peak	309.00	300	Vertical	Pass
6**	15386.099	44.74	54.0	9.26	AV	309.00	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	1051.899	54.54	74.0	19.46	Peak	313.00	300	Horizontal	Pass
1**	1051.899	49.10	54.0	4.90	AV	313.00	300	Horizontal	Pass
2	3695.070	48.61	74.0	25.39	Peak	28.00	400	Horizontal	Pass
2**	3695.070	44.67	54.0	9.33	AV	28.00	400	Horizontal	Pass
3	4219.863	51.27	74.0	22.74	Peak	4.00	200	Horizontal	Pass
3**	4219.863	48.63	54.0	5.37	AV	4.00	200	Horizontal	Pass
4	7329.971	44.79	74.0	29.21	Peak	242.00	400	Horizontal	Pass
4**	7329.971	40.92	54.0	13.08	AV	242.00	400	Horizontal	Pass
5	12520.325	55.59	74.0	18.41	Peak	169.00	400	Horizontal	Pass
5**	12520.325	47.22	54.0	6.78	AV	169.00	400	Horizontal	Pass
6	16150.311	54.53	74.0	19.48	Peak	198.00	400	Horizontal	Pass
6**	16150.311	43.77	54.0	10.23	AV	198.00	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	1055.294	54.49	74.0	19.51	Peak	216.00	100	Vertical	Pass
1**	1055.294	51.20	54.0	2.80	AV	216.00	100	Vertical	Pass
2	1578.009	51.03	74.0	22.97	Peak	356.00	100	Vertical	Pass
2**	1578.009	36.17	54.0	17.83	AV	356.00	100	Vertical	Pass
3	4216.940	52.73	74.0	21.27	Peak	166.00	200	Vertical	Pass
3**	4216.940	49.39	54.0	4.61	AV	166.00	200	Vertical	Pass
4	4751.286	50.78	74.0	23.22	Peak	87.00	200	Vertical	Pass
4**	4751.286	44.84	54.0	9.16	AV	87.00	200	Vertical	Pass
5	12529.851	55.97	74.0	18.03	Peak	294.00	400	Vertical	Pass
5**	12529.851	42.52	54.0	11.48	AV	294.00	400	Vertical	Pass
6	15379.033	53.45	74.0	20.55	Peak	261.00	200	Vertical	Pass
6**	15379.033	44.41	54.0	9.59	AV	261.00	200	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	1058.164	54.41	74.0	19.59	Peak	11.00	400	Horizontal	Pass
1**	1058.164	49.14	54.0	4.86	AV	11.00	400	Horizontal	Pass
2	3695.636	48.62	74.0	25.39	Peak	358.00	300	Horizontal	Pass
2**	3695.636	44.73	54.0	9.27	AV	358.00	300	Horizontal	Pass
3	4224.147	51.09	74.0	22.91	Peak	233.00	200	Horizontal	Pass
3**	4224.147	48.89	54.0	5.11	AV	233.00	200	Horizontal	Pass
4	7336.966	44.58	74.0	29.42	Peak	110.00	100	Horizontal	Pass
4**	7336.966	40.79	54.0	13.21	AV	110.00	100	Horizontal	Pass
5	12519.873	55.54	74.0	18.46	Peak	283.00	400	Horizontal	Pass
5**	12519.873	47.33	54.0	6.67	AV	283.00	400	Horizontal	Pass
6	16150.893	54.23	74.0	19.77	Peak	29.00	200	Horizontal	Pass
6**	16150.893	43.96	54.0	10.04	AV	29.00	200	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	1051.531	54.79	74.0	19.21	Peak	311.00	300	Vertical	Pass
1**	1051.531	51.31	54.0	2.69	AV	311.00	300	Vertical	Pass
2	1578.802	50.93	74.0	23.07	Peak	319.00	400	Vertical	Pass
2**	1578.802	35.80	54.0	18.20	AV	319.00	400	Vertical	Pass
3	4218.744	52.92	74.0	21.08	Peak	263.00	200	Vertical	Pass
3**	4218.744	49.29	54.0	4.71	AV	263.00	200	Vertical	Pass
4	4749.058	50.72	74.0	23.28	Peak	37.00	300	Vertical	Pass
4**	4749.058	44.98	54.0	9.02	AV	37.00	300	Vertical	Pass
5	12533.711	56.01	74.0	17.99	Peak	224.00	200	Vertical	Pass
5**	12533.711	42.85	54.0	11.15	AV	224.00	200	Vertical	Pass
6	15382.903	53.36	74.0	20.64	Peak	164.00	100	Vertical	Pass
6**	15382.903	44.84	54.0	9.16	AV	164.00	100	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	1056.777	54.10	74.0	19.90	Peak	199.00	200	Horizontal	Pass
1**	1056.777	49.33	54.0	4.67	AV	199.00	200	Horizontal	Pass
2	3690.739	48.69	74.0	25.31	Peak	92.00	100	Horizontal	Pass
2**	3690.739	44.29	54.0	9.71	AV	92.00	100	Horizontal	Pass
3	4223.200	50.98	74.0	23.02	Peak	159.00	200	Horizontal	Pass
3**	4223.200	48.47	54.0	5.53	AV	159.00	200	Horizontal	Pass
4	7329.828	44.71	74.0	29.30	Peak	204.00	100	Horizontal	Pass
4**	7329.828	40.73	54.0	13.28	AV	204.00	100	Horizontal	Pass
5	12521.383	55.52	74.0	18.48	Peak	323.00	300	Horizontal	Pass
5**	12521.383	47.01	54.0	7.00	AV	323.00	300	Horizontal	Pass
6	16145.214	54.61	74.0	19.39	Peak	127.00	300	Horizontal	Pass
6**	16145.214	43.54	54.0	10.46	AV	127.00	300	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	1056.346	54.68	74.0	19.33	Peak	126.00	400	Vertical	Pass
1**	1056.346	51.28	54.0	2.72	AV	126.00	400	Vertical	Pass
2	1581.045	50.81	74.0	23.19	Peak	285.00	300	Vertical	Pass
2**	1581.045	36.11	54.0	17.89	AV	285.00	300	Vertical	Pass
3	4223.938	52.52	74.0	21.48	Peak	54.00	200	Vertical	Pass
3**	4223.938	49.03	54.0	4.97	AV	54.00	200	Vertical	Pass
4	4748.032	50.73	74.0	23.27	Peak	49.00	200	Vertical	Pass
4**	4748.032	44.61	54.0	9.39	AV	49.00	200	Vertical	Pass
5	12531.213	55.68	74.0	18.32	Peak	176.00	300	Vertical	Pass
5**	12531.213	42.51	54.0	11.49	AV	176.00	300	Vertical	Pass
6	15380.619	53.19	74.0	20.82	Peak	138.00	300	Vertical	Pass
6**	15380.619	44.52	54.0	9.48	AV	138.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.902	54.57	74.0	19.43	Peak	306.00	100	Horizontal	Pass
1**	1053.902	49.12	54.0	4.89	AV	306.00	100	Horizontal	Pass
2	3690.729	48.93	74.0	25.07	Peak	273.00	400	Horizontal	Pass
2**	3690.729	44.62	54.0	9.38	AV	273.00	400	Horizontal	Pass
3	4218.485	51.33	74.0	22.67	Peak	311.00	200	Horizontal	Pass
3**	4218.485	48.69	54.0	5.31	AV	311.00	200	Horizontal	Pass
4	7334.079	44.66	74.0	29.35	Peak	248.00	400	Horizontal	Pass
4**	7334.079	40.48	54.0	13.52	AV	248.00	400	Horizontal	Pass
5	12516.545	55.67	74.0	18.33	Peak	189.00	300	Horizontal	Pass
5**	12516.545	47.23	54.0	6.77	AV	189.00	300	Horizontal	Pass
6	16146.418	54.38	74.0	19.62	Peak	59.00	100	Horizontal	Pass
6**	16146.418	43.50	54.0	10.50	AV	59.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1051.389	54.63	74.0	19.37	Peak	46.00	100	Vertical	Pass
1**	1051.389	51.23	54.0	2.77	AV	46.00	100	Vertical	Pass
2	1579.710	50.93	74.0	23.07	Peak	164.00	200	Vertical	Pass
2**	1579.710	36.16	54.0	17.84	AV	164.00	200	Vertical	Pass
3	4218.694	52.72	74.0	21.28	Peak	67.00	200	Vertical	Pass
3**	4218.694	49.57	54.0	4.43	AV	67.00	200	Vertical	Pass
4	4750.463	50.63	74.0	23.37	Peak	187.00	400	Vertical	Pass
4**	4750.463	44.59	54.0	9.41	AV	187.00	400	Vertical	Pass
5	12531.436	55.99	74.0	18.01	Peak	69.00	200	Vertical	Pass
5**	12531.436	42.61	54.0	11.39	AV	69.00	200	Vertical	Pass
6	15382.741	53.40	74.0	20.60	Peak	28.00	100	Vertical	Pass
6**	15382.741	44.32	54.0	9.68	AV	28.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1054.503	54.49	74.0	19.51	Peak	63.00	400	Horizontal	Pass
1**	1054.503	49.47	54.0	4.53	AV	63.00	400	Horizontal	Pass
2	3694.421	48.61	74.0	25.39	Peak	167.00	200	Horizontal	Pass
2**	3694.421	44.51	54.0	9.49	AV	167.00	200	Horizontal	Pass
3	4223.905	50.89	74.0	23.11	Peak	53.00	200	Horizontal	Pass
3**	4223.905	48.52	54.0	5.48	AV	53.00	200	Horizontal	Pass
4	7337.470	44.64	74.0	29.36	Peak	66.00	400	Horizontal	Pass
4**	7337.470	40.69	54.0	13.31	AV	66.00	400	Horizontal	Pass
5	12521.547	55.62	74.0	18.38	Peak	239.00	300	Horizontal	Pass
5**	12521.547	46.82	54.0	7.18	AV	239.00	300	Horizontal	Pass
6	16143.818	54.46	74.0	19.54	Peak	324.00	200	Horizontal	Pass
6**	16143.818	43.99	54.0	10.02	AV	324.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.112	54.53	74.0	19.47	Peak	255.00	200	Vertical	Pass
1**	1057.112	50.98	54.0	3.02	AV	255.00	200	Vertical	Pass
2	1579.675	51.33	74.0	22.67	Peak	83.00	100	Vertical	Pass
2**	1579.675	36.23	54.0	17.77	AV	83.00	100	Vertical	Pass
3	4222.526	52.65	74.0	21.35	Peak	70.00	200	Vertical	Pass
3**	4222.526	49.46	54.0	4.54	AV	70.00	200	Vertical	Pass
4	4751.552	50.43	74.0	23.57	Peak	341.00	100	Vertical	Pass
4**	4751.552	44.96	54.0	9.04	AV	341.00	100	Vertical	Pass
5	12526.424	56.04	74.0	17.96	Peak	309.00	400	Vertical	Pass
5**	12526.424	42.76	54.0	11.24	AV	309.00	400	Vertical	Pass
6	15379.510	53.07	74.0	20.93	Peak	136.00	100	Vertical	Pass
6**	15379.510	44.78	54.0	9.22	AV	136.00	100	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	1057.187	54.24	74.0	19.76	Peak	272.00	100	Horizontal	Pass
1**	1057.187	49.06	54.0	4.94	AV	272.00	100	Horizontal	Pass
2	3692.218	48.78	74.0	25.22	Peak	120.00	400	Horizontal	Pass
2**	3692.218	44.63	54.0	9.37	AV	120.00	400	Horizontal	Pass
3	4216.363	50.93	74.0	23.07	Peak	321.00	200	Horizontal	Pass
3**	4216.363	48.46	54.0	5.55	AV	321.00	200	Horizontal	Pass
4	7331.913	44.42	74.0	29.58	Peak	286.00	200	Horizontal	Pass
4**	7331.913	40.46	54.0	13.54	AV	286.00	200	Horizontal	Pass
5	12518.424	55.85	74.0	18.16	Peak	50.00	400	Horizontal	Pass
5**	12518.424	47.11	54.0	6.89	AV	50.00	400	Horizontal	Pass
6	16149.792	54.40	74.0	19.60	Peak	356.00	300	Horizontal	Pass
6**	16149.792	43.61	54.0	10.39	AV	356.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.049	54.90	74.0	19.10	Peak	237.00	100	Vertical	Pass
1**	1058.049	50.96	54.0	3.04	AV	237.00	100	Vertical	Pass
2	1585.242	50.89	74.0	23.11	Peak	242.00	200	Vertical	Pass
2**	1585.242	35.91	54.0	18.09	AV	242.00	200	Vertical	Pass
3	4222.412	52.42	74.0	21.58	Peak	11.00	200	Vertical	Pass
3**	4222.412	49.49	54.0	4.51	AV	11.00	200	Vertical	Pass
4	4746.968	50.90	74.0	23.10	Peak	229.00	200	Vertical	Pass
4**	4746.968	44.67	54.0	9.33	AV	229.00	200	Vertical	Pass
5	12528.537	55.75	74.0	18.25	Peak	126.00	100	Vertical	Pass
5**	12528.537	42.47	54.0	11.53	AV	126.00	100	Vertical	Pass
6	15380.781	53.25	74.0	20.76	Peak	186.00	100	Vertical	Pass
6**	15380.781	44.67	54.0	9.34	AV	186.00	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	1053.915	54.26	74.0	19.74	Peak	102.00	200	Horizontal	Pass
1**	1053.915	49.06	54.0	4.94	AV	102.00	200	Horizontal	Pass
2	3690.923	49.07	74.0	24.93	Peak	38.00	200	Horizontal	Pass
2**	3690.923	44.34	54.0	9.66	AV	38.00	200	Horizontal	Pass
3	4223.113	51.02	74.0	22.98	Peak	82.00	200	Horizontal	Pass
3**	4223.113	48.89	54.0	5.11	AV	82.00	200	Horizontal	Pass
4	7333.964	44.46	74.0	29.54	Peak	161.00	200	Horizontal	Pass
4**	7333.964	40.52	54.0	13.48	AV	161.00	200	Horizontal	Pass
5	12515.374	55.94	74.0	18.06	Peak	285.00	300	Horizontal	Pass
5**	12515.374	47.25	54.0	6.75	AV	285.00	300	Horizontal	Pass
6	16148.414	54.36	74.0	19.65	Peak	225.00	200	Horizontal	Pass
6**	16148.414	44.02	54.0	9.98	AV	225.00	200	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	1052.624	54.63	74.0	19.37	Peak	28.00	400	Vertical	Pass
1**	1052.624	51.01	54.0	2.99	AV	28.00	400	Vertical	Pass
2	1584.879	51.18	74.0	22.82	Peak	281.00	400	Vertical	Pass
2**	1584.879	35.90	54.0	18.10	AV	281.00	400	Vertical	Pass
3	4217.829	52.68	74.0	21.32	Peak	104.00	200	Vertical	Pass
3**	4217.829	49.16	54.0	4.84	AV	104.00	200	Vertical	Pass
4	4751.682	50.99	74.0	23.01	Peak	153.00	400	Vertical	Pass
4**	4751.682	44.84	54.0	9.16	AV	153.00	400	Vertical	Pass
5	12530.884	55.61	74.0	18.39	Peak	268.00	200	Vertical	Pass
5**	12530.884	43.04	54.0	10.96	AV	268.00	200	Vertical	Pass
6	15382.356	53.48	74.0	20.52	Peak	117.00	200	Vertical	Pass
6**	15382.356	44.85	54.0	9.16	AV	117.00	200	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	1051.427	54.42	74.0	19.58	Peak	176.00	400	Horizontal	Pass
1**	1051.427	49.49	54.0	4.52	AV	176.00	400	Horizontal	Pass
2	3690.411	48.66	74.0	25.34	Peak	183.00	200	Horizontal	Pass
2**	3690.411	44.59	54.0	9.41	AV	183.00	200	Horizontal	Pass
3	4221.176	51.24	74.0	22.76	Peak	105.00	200	Horizontal	Pass
3**	4221.176	48.74	54.0	5.26	AV	105.00	200	Horizontal	Pass
4	7332.142	44.51	74.0	29.49	Peak	53.00	300	Horizontal	Pass
4**	7332.142	40.41	54.0	13.59	AV	53.00	300	Horizontal	Pass
5	12515.861	55.75	74.0	18.25	Peak	247.00	100	Horizontal	Pass
5**	12515.861	46.99	54.0	7.01	AV	247.00	100	Horizontal	Pass
6	16149.935	54.20	74.0	19.80	Peak	55.00	400	Horizontal	Pass
6**	16149.935	43.90	54.0	10.10	AV	55.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.835	54.60	74.0	19.40	Peak	10.00	300	Vertical	Pass
1**	1058.835	51.37	54.0	2.63	AV	10.00	300	Vertical	Pass
2	1583.219	51.20	74.0	22.80	Peak	151.00	200	Vertical	Pass
2**	1583.219	36.13	54.0	17.87	AV	151.00	200	Vertical	Pass
3	4220.774	52.71	74.0	21.29	Peak	118.00	200	Vertical	Pass
3**	4220.774	49.41	54.0	4.59	AV	118.00	200	Vertical	Pass
4	4746.938	50.50	74.0	23.50	Peak	159.00	200	Vertical	Pass
4**	4746.938	45.03	54.0	8.97	AV	159.00	200	Vertical	Pass
5	12528.364	55.88	74.0	18.12	Peak	231.00	400	Vertical	Pass
5**	12528.364	43.00	54.0	11.00	AV	231.00	400	Vertical	Pass
6	15382.284	53.26	74.0	20.74	Peak	24.00	300	Vertical	Pass
6**	15382.284	44.34	54.0	9.66	AV	24.00	300	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	1054.891	54.24	74.0	19.76	Peak	187.00	400	Horizontal	Pass
1**	1054.891	49.52	54.0	4.49	AV	187.00	400	Horizontal	Pass
2	3689.537	48.88	74.0	25.12	Peak	251.00	100	Horizontal	Pass
2**	3689.537	44.56	54.0	9.44	AV	251.00	100	Horizontal	Pass
3	4221.407	50.83	74.0	23.17	Peak	133.00	200	Horizontal	Pass
3**	4221.407	48.86	54.0	5.14	AV	133.00	200	Horizontal	Pass
4	7332.820	44.57	74.0	29.43	Peak	36.00	100	Horizontal	Pass
4**	7332.820	40.67	54.0	13.33	AV	36.00	100	Horizontal	Pass
5	12515.610	55.81	74.0	18.19	Peak	101.00	100	Horizontal	Pass
5**	12515.610	46.76	54.0	7.24	AV	101.00	100	Horizontal	Pass
6	16143.881	54.42	74.0	19.58	Peak	192.00	300	Horizontal	Pass
6**	16143.881	43.83	54.0	10.17	AV	192.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.891	54.79	74.0	19.21	Peak	309.00	300	Vertical	Pass
1**	1052.891	51.47	54.0	2.53	AV	309.00	300	Vertical	Pass
2	1583.470	50.93	74.0	23.07	Peak	333.00	400	Vertical	Pass
2**	1583.470	36.15	54.0	17.85	AV	333.00	400	Vertical	Pass
3	4217.645	52.89	74.0	21.11	Peak	243.00	200	Vertical	Pass
3**	4217.645	49.10	54.0	4.90	AV	243.00	200	Vertical	Pass
4	4749.761	50.71	74.0	23.29	Peak	101.00	400	Vertical	Pass
4**	4749.761	44.72	54.0	9.29	AV	101.00	400	Vertical	Pass
5	12529.551	55.94	74.0	18.07	Peak	246.00	400	Vertical	Pass
5**	12529.551	42.69	54.0	11.31	AV	246.00	400	Vertical	Pass
6	15379.190	53.46	74.0	20.54	Peak	214.00	400	Vertical	Pass
6**	15379.190	44.76	54.0	9.24	AV	214.00	400	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	1056.746	54.46	74.0	19.54	Peak	55.00	400	Horizontal	Pass
1**	1056.746	49.36	54.0	4.64	AV	55.00	400	Horizontal	Pass
2	3696.264	48.93	74.0	25.07	Peak	43.00	200	Horizontal	Pass
2**	3696.264	44.76	54.0	9.24	AV	43.00	200	Horizontal	Pass
3	4222.422	51.35	74.0	22.65	Peak	269.00	200	Horizontal	Pass
3**	4222.422	48.71	54.0	5.29	AV	269.00	200	Horizontal	Pass
4	7330.194	44.65	74.0	29.35	Peak	28.00	300	Horizontal	Pass
4**	7330.194	40.57	54.0	13.44	AV	28.00	300	Horizontal	Pass
5	12514.650	55.55	74.0	18.45	Peak	346.00	400	Horizontal	Pass
5**	12514.650	46.89	54.0	7.11	AV	346.00	400	Horizontal	Pass
6	16149.437	54.42	74.0	19.58	Peak	343.00	400	Horizontal	Pass
6**	16149.437	43.52	54.0	10.48	AV	343.00	400	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	1053.323	54.94	74.0	19.06	Peak	209.00	400	Vertical	Pass
1**	1053.323	51.41	54.0	2.59	AV	209.00	400	Vertical	Pass
2	1584.613	51.22	74.0	22.78	Peak	197.00	200	Vertical	Pass
2**	1584.613	35.97	54.0	18.03	AV	197.00	200	Vertical	Pass
3	4219.857	52.82	74.0	21.18	Peak	61.00	200	Vertical	Pass
3**	4219.857	49.14	54.0	4.86	AV	61.00	200	Vertical	Pass
4	4749.921	50.81	74.0	23.19	Peak	74.00	300	Vertical	Pass
4**	4749.921	44.85	54.0	9.15	AV	74.00	300	Vertical	Pass
5	12530.758	55.91	74.0	18.09	Peak	342.00	100	Vertical	Pass
5**	12530.758	43.05	54.0	10.95	AV	342.00	100	Vertical	Pass
6	15383.455	53.34	74.0	20.66	Peak	43.00	400	Vertical	Pass
6**	15383.455	44.69	54.0	9.31	AV	43.00	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	1058.275	54.22	74.0	19.78	Peak	276.00	300	Horizontal	Pass
1**	1058.275	49.29	54.0	4.71	AV	276.00	300	Horizontal	Pass
2	3696.092	48.67	74.0	25.33	Peak	16.00	400	Horizontal	Pass
2**	3696.092	44.71	54.0	9.29	AV	16.00	400	Horizontal	Pass
3	4216.409	51.03	74.0	22.97	Peak	17.00	200	Horizontal	Pass
3**	4216.409	48.80	54.0	5.20	AV	17.00	200	Horizontal	Pass
4	7331.006	44.73	74.0	29.27	Peak	116.00	100	Horizontal	Pass
4**	7331.006	40.51	54.0	13.49	AV	116.00	100	Horizontal	Pass
5	12514.278	55.40	74.0	18.60	Peak	264.00	400	Horizontal	Pass
5**	12514.278	47.21	54.0	6.79	AV	264.00	400	Horizontal	Pass
6	16145.557	54.44	74.0	19.56	Peak	344.00	400	Horizontal	Pass
6**	16145.557	43.54	54.0	10.47	AV	344.00	400	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	1055.518	54.60	74.0	19.40	Peak	29.00	200	Vertical	Pass
1**	1055.518	51.36	54.0	2.64	AV	29.00	200	Vertical	Pass
2	1579.062	51.13	74.0	22.87	Peak	277.00	300	Vertical	Pass
2**	1579.062	35.74	54.0	18.26	AV	277.00	300	Vertical	Pass
3	4220.424	52.51	74.0	21.49	Peak	225.00	200	Vertical	Pass
3**	4220.424	49.11	54.0	4.89	AV	225.00	200	Vertical	Pass
4	4744.680	50.73	74.0	23.27	Peak	299.00	400	Vertical	Pass
4**	4744.680	45.11	54.0	8.89	AV	299.00	400	Vertical	Pass
5	12530.672	55.52	74.0	18.48	Peak	217.00	400	Vertical	Pass
5**	12530.672	42.86	54.0	11.14	AV	217.00	400	Vertical	Pass
6	15385.692	53.35	74.0	20.65	Peak	343.00	200	Vertical	Pass
6**	15385.692	44.33	54.0	9.67	AV	343.00	200	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	1054.766	54.39	74.0	19.61	Peak	150.00	100	Horizontal	Pass
1**	1054.766	49.02	54.0	4.98	AV	150.00	100	Horizontal	Pass
2	3692.421	48.89	74.0	25.11	Peak	167.00	300	Horizontal	Pass
2**	3692.421	44.36	54.0	9.64	AV	167.00	300	Horizontal	Pass
3	4221.533	50.97	74.0	23.03	Peak	174.00	200	Horizontal	Pass
3**	4221.533	48.73	54.0	5.27	AV	174.00	200	Horizontal	Pass
4	7336.140	44.52	74.0	29.48	Peak	275.00	200	Horizontal	Pass
4**	7336.140	40.42	54.0	13.58	AV	275.00	200	Horizontal	Pass
5	12521.059	55.73	74.0	18.27	Peak	177.00	400	Horizontal	Pass
5**	12521.059	47.33	54.0	6.67	AV	177.00	400	Horizontal	Pass
6	16146.061	54.75	74.0	19.25	Peak	257.00	100	Horizontal	Pass
6**	16146.061	43.49	54.0	10.51	AV	257.00	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	1053.851	54.68	74.0	19.32	Peak	209.00	200	Vertical	Pass
1**	1053.851	50.98	54.0	3.02	AV	209.00	200	Vertical	Pass
2	1584.062	50.99	74.0	23.01	Peak	125.00	300	Vertical	Pass
2**	1584.062	36.02	54.0	17.98	AV	125.00	300	Vertical	Pass
3	4217.114	52.50	74.0	21.51	Peak	83.00	200	Vertical	Pass
3**	4217.114	49.36	54.0	4.64	AV	83.00	200	Vertical	Pass
4	4743.888	50.52	74.0	23.49	Peak	269.00	400	Vertical	Pass
4**	4743.888	44.98	54.0	9.02	AV	269.00	400	Vertical	Pass
5	12531.153	55.67	74.0	18.33	Peak	118.00	100	Vertical	Pass
5**	12531.153	42.58	54.0	11.42	AV	118.00	100	Vertical	Pass
6	15382.450	53.10	74.0	20.90	Peak	2.00	100	Vertical	Pass
6**	15382.450	44.35	54.0	9.66	AV	2.00	100	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	1056.446	54.45	74.0	19.56	Peak	217.00	200	Horizontal	Pass
1**	1056.446	48.99	54.0	5.01	AV	217.00	200	Horizontal	Pass
2	3692.134	48.95	74.0	25.05	Peak	285.00	400	Horizontal	Pass
2**	3692.134	44.65	54.0	9.35	AV	285.00	400	Horizontal	Pass
3	4223.123	50.89	74.0	23.11	Peak	274.00	200	Horizontal	Pass
3**	4223.123	48.45	54.0	5.55	AV	274.00	200	Horizontal	Pass
4	7334.071	44.74	74.0	29.26	Peak	235.00	100	Horizontal	Pass
4**	7334.071	40.69	54.0	13.31	AV	235.00	100	Horizontal	Pass
5	12515.671	55.44	74.0	18.56	Peak	256.00	100	Horizontal	Pass
5**	12515.671	46.85	54.0	7.15	AV	256.00	100	Horizontal	Pass
6	16151.089	54.25	74.0	19.75	Peak	105.00	400	Horizontal	Pass
6**	16151.089	43.59	54.0	10.41	AV	105.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.828	54.61	74.0	19.39	Peak	19.00	400	Vertical	Pass
1**	1058.828	51.31	54.0	2.69	AV	19.00	400	Vertical	Pass
2	1580.475	50.81	74.0	23.19	Peak	189.00	400	Vertical	Pass
2**	1580.475	35.68	54.0	18.32	AV	189.00	400	Vertical	Pass
3	4218.127	52.98	74.0	21.02	Peak	251.00	200	Vertical	Pass
3**	4218.127	49.14	54.0	4.86	AV	251.00	200	Vertical	Pass
4	4745.738	50.71	74.0	23.29	Peak	287.00	300	Vertical	Pass
4**	4745.738	45.12	54.0	8.88	AV	287.00	300	Vertical	Pass
5	12532.342	56.04	74.0	17.97	Peak	166.00	200	Vertical	Pass
5**	12532.342	42.76	54.0	11.24	AV	166.00	200	Vertical	Pass
6	15384.450	53.05	74.0	20.95	Peak	14.00	300	Vertical	Pass
6**	15384.450	44.40	54.0	9.60	AV	14.00	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	1055.883	54.27	74.0	19.73	Peak	337.00	100	Horizontal	Pass
1**	1055.883	49.33	54.0	4.67	AV	337.00	100	Horizontal	Pass
2	3696.122	48.75	74.0	25.25	Peak	289.00	400	Horizontal	Pass
2**	3696.122	44.25	54.0	9.75	AV	289.00	400	Horizontal	Pass
3	4220.841	51.32	74.0	22.68	Peak	336.00	200	Horizontal	Pass
3**	4220.841	48.89	54.0	5.11	AV	336.00	200	Horizontal	Pass
4	7332.378	44.45	74.0	29.55	Peak	166.00	300	Horizontal	Pass
4**	7332.378	40.70	54.0	13.30	AV	166.00	300	Horizontal	Pass
5	12515.409	55.93	74.0	18.07	Peak	334.00	100	Horizontal	Pass
5**	12515.409	47.26	54.0	6.74	AV	334.00	100	Horizontal	Pass
6	16148.275	54.56	74.0	19.44	Peak	128.00	300	Horizontal	Pass
6**	16148.275	44.07	54.0	9.93	AV	128.00	300	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	1053.805	54.58	74.0	19.42	Peak	102.00	100	Vertical	Pass
1**	1053.805	50.91	54.0	3.09	AV	102.00	100	Vertical	Pass
2	1585.602	51.28	74.0	22.72	Peak	173.00	300	Vertical	Pass
2**	1585.602	36.14	54.0	17.86	AV	173.00	300	Vertical	Pass
3	4220.173	52.70	74.0	21.30	Peak	255.00	200	Vertical	Pass
3**	4220.173	49.47	54.0	4.54	AV	255.00	200	Vertical	Pass
4	4745.366	50.48	74.0	23.52	Peak	241.00	300	Vertical	Pass
4**	4745.366	44.76	54.0	9.24	AV	241.00	300	Vertical	Pass
5	12528.122	55.73	74.0	18.27	Peak	260.00	400	Vertical	Pass
5**	12528.122	43.00	54.0	11.00	AV	260.00	400	Vertical	Pass
6	15382.716	53.43	74.0	20.57	Peak	282.00	300	Vertical	Pass
6**	15382.716	44.71	54.0	9.29	AV	282.00	300	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	1057.366	54.42	74.0	19.58	Peak	41.00	400	Horizontal	Pass
1**	1057.366	49.43	54.0	4.58	AV	41.00	400	Horizontal	Pass
2	3691.744	48.64	74.0	25.36	Peak	82.00	300	Horizontal	Pass
2**	3691.744	44.61	54.0	9.40	AV	82.00	300	Horizontal	Pass
3	4216.931	51.25	74.0	22.75	Peak	305.00	200	Horizontal	Pass
3**	4216.931	48.41	54.0	5.59	AV	305.00	200	Horizontal	Pass
4	7333.861	44.63	74.0	29.37	Peak	178.00	200	Horizontal	Pass
4**	7333.861	40.87	54.0	13.13	AV	178.00	200	Horizontal	Pass
5	12520.413	55.77	74.0	18.23	Peak	34.00	200	Horizontal	Pass
5**	12520.413	47.22	54.0	6.79	AV	34.00	200	Horizontal	Pass
6	16146.940	54.57	74.0	19.43	Peak	8.00	400	Horizontal	Pass
6**	16146.940	44.00	54.0	10.00	AV	8.00	400	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	1057.055	54.73	74.0	19.27	Peak	156.00	200	Vertical	Pass
1**	1057.055	51.44	54.0	2.56	AV	156.00	200	Vertical	Pass
2	1578.495	51.08	74.0	22.92	Peak	47.00	100	Vertical	Pass
2**	1578.495	35.92	54.0	18.08	AV	47.00	100	Vertical	Pass
3	4218.330	52.87	74.0	21.14	Peak	24.00	200	Vertical	Pass
3**	4218.330	49.53	54.0	4.47	AV	24.00	200	Vertical	Pass
4	4745.239	50.69	74.0	23.31	Peak	110.00	400	Vertical	Pass
4**	4745.239	44.99	54.0	9.01	AV	110.00	400	Vertical	Pass
5	12532.460	55.82	74.0	18.18	Peak	316.00	100	Vertical	Pass
5**	12532.460	42.49	54.0	11.51	AV	316.00	100	Vertical	Pass
6	15380.337	52.88	74.0	21.12	Peak	314.00	300	Vertical	Pass
6**	15380.337	44.69	54.0	9.31	AV	314.00	300	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	1058.042	54.38	74.0	19.62	Peak	114.00	100	Horizontal	Pass
1**	1058.042	49.10	54.0	4.90	AV	114.00	100	Horizontal	Pass
2	3690.119	48.78	74.0	25.22	Peak	33.00	400	Horizontal	Pass
2**	3690.119	44.20	54.0	9.80	AV	33.00	400	Horizontal	Pass
3	4221.542	50.91	74.0	23.09	Peak	174.00	200	Horizontal	Pass
3**	4221.542	48.57	54.0	5.43	AV	174.00	200	Horizontal	Pass
4	7334.887	44.88	74.0	29.12	Peak	23.00	200	Horizontal	Pass
4**	7334.887	40.91	54.0	13.10	AV	23.00	200	Horizontal	Pass
5	12515.272	55.70	74.0	18.30	Peak	229.00	100	Horizontal	Pass
5**	12515.272	46.93	54.0	7.07	AV	229.00	100	Horizontal	Pass
6	16145.748	54.71	74.0	19.29	Peak	308.00	300	Horizontal	Pass
6**	16145.748	43.71	54.0	10.29	AV	308.00	300	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	1056.252	54.80	74.0	19.20	Peak	280.00	100	Vertical	Pass
1**	1056.252	51.02	54.0	2.98	AV	280.00	100	Vertical	Pass
2	1585.063	51.06	74.0	22.94	Peak	329.00	300	Vertical	Pass
2**	1585.063	36.06	54.0	17.94	AV	329.00	300	Vertical	Pass
3	4218.187	52.47	74.0	21.53	Peak	341.00	200	Vertical	Pass
3**	4218.187	49.61	54.0	4.39	AV	341.00	200	Vertical	Pass
4	4751.230	50.54	74.0	23.46	Peak	289.00	300	Vertical	Pass
4**	4751.230	44.61	54.0	9.39	AV	289.00	300	Vertical	Pass
5	12529.219	55.54	74.0	18.46	Peak	33.00	200	Vertical	Pass
5**	12529.219	42.52	54.0	11.48	AV	33.00	200	Vertical	Pass
6	15381.237	53.08	74.0	20.92	Peak	263.00	200	Vertical	Pass
6**	15381.237	44.34	54.0	9.66	AV	263.00	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	1057.838	54.31	74.0	19.69	Peak	285.00	400	Horizontal	Pass
1**	1057.838	49.05	54.0	4.95	AV	285.00	400	Horizontal	Pass
2	3693.245	48.93	74.0	25.07	Peak	267.00	100	Horizontal	Pass
2**	3693.245	44.78	54.0	9.22	AV	267.00	100	Horizontal	Pass
3	4217.761	51.05	74.0	22.95	Peak	296.00	200	Horizontal	Pass
3**	4217.761	48.72	54.0	5.28	AV	296.00	200	Horizontal	Pass
4	7336.725	44.50	74.0	29.50	Peak	11.00	400	Horizontal	Pass
4**	7336.725	40.84	54.0	13.16	AV	11.00	400	Horizontal	Pass
5	12520.983	55.66	74.0	18.34	Peak	279.00	100	Horizontal	Pass
5**	12520.983	47.01	54.0	6.99	AV	279.00	100	Horizontal	Pass
6	16144.416	54.36	74.0	19.64	Peak	122.00	100	Horizontal	Pass
6**	16144.416	44.07	54.0	9.93	AV	122.00	100	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	1058.132	54.53	74.0	19.47	Peak	39.00	400	Vertical	Pass
1**	1058.132	51.44	54.0	2.56	AV	39.00	400	Vertical	Pass
2	1581.578	51.29	74.0	22.71	Peak	174.00	300	Vertical	Pass
2**	1581.578	36.22	54.0	17.78	AV	174.00	300	Vertical	Pass
3	4222.453	52.79	74.0	21.21	Peak	263.00	200	Vertical	Pass
3**	4222.453	49.22	54.0	4.78	AV	263.00	200	Vertical	Pass
4	4747.988	50.68	74.0	23.32	Peak	308.00	300	Vertical	Pass
4**	4747.988	45.11	54.0	8.90	AV	308.00	300	Vertical	Pass
5	12531.124	55.83	74.0	18.17	Peak	52.00	400	Vertical	Pass
5**	12531.124	42.49	54.0	11.51	AV	52.00	400	Vertical	Pass
6	15386.041	53.39	74.0	20.61	Peak	63.00	400	Vertical	Pass
6**	15386.041	44.66	54.0	9.34	AV	63.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.545	54.34	74.0	19.66	Peak	244.00	100	Horizontal	Pass
1**	1058.545	49.27	54.0	4.73	AV	244.00	100	Horizontal	Pass
2	3695.437	48.59	74.0	25.41	Peak	171.00	400	Horizontal	Pass
2**	3695.437	44.47	54.0	9.53	AV	171.00	400	Horizontal	Pass
3	4223.212	50.91	74.0	23.09	Peak	160.00	200	Horizontal	Pass
3**	4223.212	48.68	54.0	5.33	AV	160.00	200	Horizontal	Pass
4	7337.499	44.93	74.0	29.07	Peak	207.00	400	Horizontal	Pass
4**	7337.499	40.75	54.0	13.25	AV	207.00	400	Horizontal	Pass
5	12515.625	55.46	74.0	18.54	Peak	280.00	100	Horizontal	Pass
5**	12515.625	46.94	54.0	7.06	AV	280.00	100	Horizontal	Pass
6	16147.350	54.52	74.0	19.48	Peak	27.00	200	Horizontal	Pass
6**	16147.350	44.07	54.0	9.93	AV	27.00	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	1055.085	54.85	74.0	19.15	Peak	306.00	200	Vertical	Pass
1**	1055.085	51.37	54.0	2.63	AV	306.00	200	Vertical	Pass
2	1583.010	51.09	74.0	22.91	Peak	262.00	300	Vertical	Pass
2**	1583.010	35.86	54.0	18.14	AV	262.00	300	Vertical	Pass
3	4221.626	52.52	74.0	21.48	Peak	17.00	200	Vertical	Pass
3**	4221.626	49.53	54.0	4.47	AV	17.00	200	Vertical	Pass
4	4746.463	50.86	74.0	23.14	Peak	291.00	100	Vertical	Pass
4**	4746.463	44.62	54.0	9.38	AV	291.00	100	Vertical	Pass
5	12532.791	56.05	74.0	17.95	Peak	48.00	200	Vertical	Pass
5**	12532.791	42.63	54.0	11.37	AV	48.00	200	Vertical	Pass
6	15379.429	53.00	74.0	21.00	Peak	26.00	200	Vertical	Pass
6**	15379.429	44.78	54.0	9.22	AV	26.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1053.531	54.55	74.0	19.45	Peak	203.00	400	Horizontal	Pass
1**	1053.531	49.37	54.0	4.64	AV	203.00	400	Horizontal	Pass
2	3690.274	48.96	74.0	25.04	Peak	170.00	200	Horizontal	Pass
2**	3690.274	44.72	54.0	9.28	AV	170.00	200	Horizontal	Pass
3	4223.791	50.90	74.0	23.10	Peak	318.00	200	Horizontal	Pass
3**	4223.791	48.89	54.0	5.11	AV	318.00	200	Horizontal	Pass
4	7337.003	44.98	74.0	29.02	Peak	37.00	300	Horizontal	Pass
4**	7337.003	40.69	54.0	13.31	AV	37.00	300	Horizontal	Pass
5	12519.307	55.58	74.0	18.42	Peak	326.00	200	Horizontal	Pass
5**	12519.307	46.89	54.0	7.11	AV	326.00	200	Horizontal	Pass
6	16147.611	54.73	74.0	19.27	Peak	122.00	100	Horizontal	Pass
6**	16147.611	43.76	54.0	10.24	AV	122.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.653	55.06	74.0	18.94	Peak	181.00	100	Vertical	Pass
1**	1057.653	50.96	54.0	3.04	AV	181.00	100	Vertical	Pass
2	1585.866	51.04	74.0	22.96	Peak	324.00	400	Vertical	Pass
2**	1585.866	35.97	54.0	18.03	AV	324.00	400	Vertical	Pass
3	4216.731	52.61	74.0	21.39	Peak	313.00	200	Vertical	Pass
3**	4216.731	49.61	54.0	4.39	AV	313.00	200	Vertical	Pass
4	4746.104	50.51	74.0	23.49	Peak	285.00	200	Vertical	Pass
4**	4746.104	44.83	54.0	9.17	AV	285.00	200	Vertical	Pass
5	12532.791	55.77	74.0	18.23	Peak	127.00	300	Vertical	Pass
5**	12532.791	42.98	54.0	11.02	AV	127.00	300	Vertical	Pass
6	15379.528	53.17	74.0	20.83	Peak	83.00	100	Vertical	Pass
6**	15379.528	44.62	54.0	9.38	AV	83.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	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
	802.11ac(VHT80)	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
	802.11ac(VHT80)	Middle	Pass

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

SISO-Antenna 1

Test Data

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	5148.917	56.42	74.0	17.58	Peak	273.00	100	Vertical	Pass
1**	5148.917	44.03	54.0	9.97	AV	273.00	100	Vertical	Pass
2	5150.000	56.07	74.0	17.93	Peak	276.00	200	Vertical	Pass
2**	5150.000	43.88	54.0	10.12	AV	276.00	200	Vertical	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.78	74.0	20.22	Peak	0.00	200	Vertical	Pass
1**	5350.000	43.32	54.0	10.68	AV	0.00	200	Vertical	Pass
2	5448.450	56.90	74.0	17.10	Peak	279.00	150	Vertical	Pass
2**	5448.450	44.55	54.0	9.45	AV	279.00	150	Vertical	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.500	54.99	74.0	19.01	Peak	213.00	150	Vertical	Pass
1**	5143.500	43.76	54.0	10.24	AV	213.00	150	Vertical	Pass
2	5150.000	57.61	74.0	16.39	Peak	283.00	200	Vertical	Pass
2**	5150.000	43.96	54.0	10.04	AV	283.00	200	Vertical	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.58	74.0	21.42	Peak	0.00	200	Vertical	Pass
1**	5350.000	43.47	54.0	10.53	AV	0.00	200	Vertical	Pass
2	5367.783	55.78	74.0	18.22	Peak	260.00	200	Vertical	Pass
2**	5367.783	44.39	54.0	9.61	AV	260.00	200	Vertical	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	63.46	74.0	10.54	Peak	280.00	100	Vertical	Pass
1**	5148.917	49.69	54.0	4.31	AV	280.00	100	Vertical	Pass
2	5150.000	61.13	74.0	12.87	Peak	296.00	150	Vertical	Pass
2**	5150.000	50.35	54.0	3.65	AV	296.00	150	Vertical	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.20	74.0	20.80	Peak	219.00	150	Vertical	Pass
1**	5350.000	42.87	54.0	11.13	AV	219.00	150	Vertical	Pass
2	5373.100	55.62	74.0	18.38	Peak	280.00	200	Vertical	Pass
2**	5373.100	44.28	54.0	9.72	AV	280.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	56.21	74.0	17.79	Peak	310.00	100	Vertical	Pass
1**	5148.917	43.93	54.0	10.07	AV	310.00	100	Vertical	Pass
2	5150.000	55.54	74.0	18.46	Peak	296.00	100	Vertical	Pass
2**	5150.000	44.32	54.0	9.68	AV	296.00	100	Vertical	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.10	74.0	20.90	Peak	288.00	200	Vertical	Pass
1**	5350.000	43.00	54.0	11.00	AV	288.00	200	Vertical	Pass
2	5452.484	55.49	74.0	18.51	Peak	282.00	150	Vertical	Pass
2**	5452.484	44.07	54.0	9.93	AV	282.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	63.58	74.0	10.42	Peak	293.00	100	Vertical	Pass
1**	5147.833	49.26	54.0	4.74	AV	293.00	100	Vertical	Pass
2	5150.000	61.97	74.0	12.03	Peak	299.00	150	Vertical	Pass
2**	5150.000	50.47	54.0	3.53	AV	299.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.12	74.0	20.88	Peak	38.00	100	Vertical	Pass
1**	5350.000	42.96	54.0	11.04	AV	38.00	100	Vertical	Pass
2	5369.433	55.67	74.0	18.33	Peak	77.00	150	Vertical	Pass
2**	5369.433	43.81	54.0	10.19	AV	77.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	59.29	74.0	14.71	Peak	293.00	100	Vertical	Pass
1**	5146.750	44.31	54.0	9.69	AV	293.00	100	Vertical	Pass
2	5150.000	58.19	74.0	15.81	Peak	298.00	100	Vertical	Pass
2**	5150.000	44.38	54.0	9.62	AV	298.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.61	74.0	20.39	Peak	282.00	100	Vertical	Pass
1**	5350.000	43.22	54.0	10.78	AV	282.00	100	Vertical	Pass
2	5363.567	55.80	74.0	18.20	Peak	295.00	100	Vertical	Pass
2**	5363.567	43.85	54.0	10.15	AV	295.00	100	Vertical	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5042.750	54.95	74.0	19.05	Peak	28.00	100	Vertical	Pass
1**	5042.750	42.72	54.0	11.28	AV	28.00	100	Vertical	Pass
2	5150.000	53.80	74.0	20.20	Peak	254.00	100	Vertical	Pass
2**	5150.000	43.52	54.0	10.48	AV	254.00	100	Vertical	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.63	74.0	15.37	Peak	299.00	100	Vertical	Pass
1**	5350.000	45.52	54.0	8.48	AV	299.00	100	Vertical	Pass
2	5350.550	61.08	74.0	12.92	Peak	286.00	200	Vertical	Pass
2**	5350.550	45.17	54.0	8.83	AV	286.00	200	Vertical	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5096.916	55.09	74.0	18.91	Peak	360.00	100	Vertical	Pass
1**	5096.916	43.30	54.0	10.70	AV	360.00	100	Vertical	Pass
2	5150.000	53.69	74.0	20.31	Peak	305.00	200	Vertical	Pass
2**	5150.000	43.66	54.0	10.34	AV	305.00	200	Vertical	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.80	74.0	12.20	Peak	281.00	150	Vertical	Pass
1**	5350.000	45.45	54.0	8.55	AV	281.00	150	Vertical	Pass
2	5350.183	60.56	74.0	13.44	Peak	285.00	150	Vertical	Pass
2**	5350.183	45.75	54.0	8.25	AV	285.00	150	Vertical	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5088.250	54.72	74.0	19.28	Peak	0.00	200	Vertical	Pass
1**	5088.250	43.46	54.0	10.54	AV	0.00	200	Vertical	Pass
2	5150.000	53.48	74.0	20.52	Peak	360.00	100	Vertical	Pass
2**	5150.000	43.63	54.0	10.37	AV	360.00	100	Vertical	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.99	74.0	10.01	Peak	281.00	200	Vertical	Pass
1**	5350.000	48.85	54.0	5.15	AV	281.00	200	Vertical	Pass
2	5353.117	65.11	74.0	8.89	Peak	281.00	150	Vertical	Pass
2**	5353.117	48.17	54.0	5.83	AV	281.00	150	Vertical	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5081.750	55.09	74.0	18.91	Peak	310.00	100	Vertical	Pass
1**	5081.750	43.44	54.0	10.56	AV	310.00	100	Vertical	Pass
2	5150.000	52.98	74.0	21.02	Peak	260.00	200	Vertical	Pass
2**	5150.000	43.64	54.0	10.36	AV	260.00	200	Vertical	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.14	74.0	13.86	Peak	287.00	100	Vertical	Pass
1**	5350.000	46.26	54.0	7.74	AV	287.00	100	Vertical	Pass
2	5350.367	59.25	74.0	14.75	Peak	304.00	150	Vertical	Pass
2**	5350.367	45.89	54.0	8.11	AV	304.00	150	Vertical	Pass

U-NII-2A 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.666	54.61	74.0	19.39	Peak	279.00	150	Vertical	Pass
1**	5132.666	43.48	54.0	10.52	AV	279.00	150	Vertical	Pass
2	5150.000	53.44	74.0	20.56	Peak	195.00	150	Vertical	Pass
2**	5150.000	43.57	54.0	10.43	AV	195.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.73	74.0	8.27	Peak	288.00	200	Vertical	Pass
1**	5350.000	50.27	54.0	3.73	AV	288.00	200	Vertical	Pass
2	5350.183	66.76	74.0	7.24	Peak	282.00	200	Vertical	Pass
2**	5350.183	49.77	54.0	4.23	AV	282.00	200	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5104.500	55.00	74.0	19.00	Peak	360.00	200	Vertical	Pass
1**	5104.500	43.57	54.0	10.43	AV	360.00	200	Vertical	Pass
2	5150.000	53.96	74.0	20.04	Peak	338.00	100	Vertical	Pass
2**	5150.000	43.66	54.0	10.34	AV	338.00	100	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.96	74.0	9.04	Peak	278.00	100	Vertical	Pass
1**	5350.000	50.62	54.0	3.38	AV	278.00	100	Vertical	Pass
2	5350.367	65.18	74.0	8.82	Peak	278.00	150	Vertical	Pass
2**	5350.367	50.46	54.0	3.54	AV	278.00	150	Vertical	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.834	55.22	74.0	18.78	Peak	298.00	150	Vertical	Pass
1**	5455.834	43.76	54.0	10.24	AV	298.00	150	Vertical	Pass
2	5460.000	55.48	74.0	18.52	Peak	360.00	100	Vertical	Pass
2**	5460.000	43.81	54.0	10.19	AV	360.00	100	Vertical	Pass
3	5469.167	63.62	68.2	4.58	Peak	286.00	200	Vertical	Pass
3**	5469.167	46.03	--	--	AV	286.00	200	Vertical	N/A
4	5469.834	62.74	68.2	5.46	Peak	277.00	100	Vertical	Pass
4**	5469.834	46.21	--	--	AV	277.00	100	Vertical	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.17	68.2	4.03	Peak	297.00	100	Vertical	Pass
2	5725.334	63.76	68.2	4.44	Peak	289.00	200	Vertical	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.334	55.10	74.0	18.90	Peak	360.00	100	Vertical	Pass
1**	5459.334	43.73	54.0	10.27	AV	360.00	100	Vertical	Pass
2	5460.000	53.48	74.0	20.52	Peak	306.00	200	Vertical	Pass
2**	5460.000	43.84	54.0	10.16	AV	306.00	200	Vertical	Pass
3	5469.834	64.19	68.2	4.01	Peak	298.00	100	Vertical	Pass
3**	5469.834	46.09	--	--	AV	298.00	100	Vertical	N/A
4	5469.834	64.19	68.2	4.01	Peak	298.00	100	Vertical	Pass
4**	5469.834	46.09	--	--	AV	298.00	100	Vertical	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	65.19	68.2	3.01	Peak	282.00	150	Vertical	Pass
2	5725.500	64.97	68.2	3.23	Peak	275.00	200	Vertical	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.334	60.14	74.0	13.86	Peak	279.00	150	Vertical	Pass
1**	5459.334	45.17	54.0	8.83	AV	279.00	150	Vertical	Pass
2	5460.000	60.14	74.0	13.86	Peak	285.00	200	Vertical	Pass
2**	5460.000	45.04	54.0	8.96	AV	285.00	200	Vertical	Pass
3	5469.334	64.55	68.2	3.65	Peak	285.00	200	Vertical	Pass
3**	5469.334	48.22	--	--	AV	285.00	200	Vertical	N/A
4	5469.834	63.66	68.2	4.54	Peak	285.00	100	Vertical	Pass
4**	5469.834	48.20	--	--	AV	285.00	100	Vertical	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.80	68.2	5.40	Peak	293.00	200	Vertical	Pass
2	5726.667	64.53	68.2	3.67	Peak	277.00	200	Vertical	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.666	60.00	74.0	14.00	Peak	285.00	150	Vertical	Pass
1**	5459.666	44.25	54.0	9.75	AV	285.00	150	Vertical	Pass
2	5460.000	56.17	74.0	17.83	Peak	315.00	100	Vertical	Pass
2**	5460.000	44.05	54.0	9.95	AV	315.00	100	Vertical	Pass
3	5464.166	65.16	68.2	3.04	Peak	281.00	100	Vertical	Pass
3**	5464.166	44.80	--	--	AV	281.00	100	Vertical	N/A
4	5469.834	63.30	68.2	4.90	Peak	281.00	200	Vertical	Pass
4**	5469.834	47.43	--	--	AV	281.00	200	Vertical	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.97	68.2	3.23	Peak	290.00	100	Vertical	Pass
2	5728.000	64.09	68.2	4.11	Peak	282.00	100	Vertical	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.833	58.61	74.0	15.39	Peak	290.00	150	Vertical	Pass
1**	5459.833	44.52	54.0	9.48	AV	290.00	150	Vertical	Pass
2	5460.000	57.88	74.0	16.12	Peak	287.00	150	Vertical	Pass
2**	5460.000	44.51	54.0	9.49	AV	287.00	150	Vertical	Pass
3	5468.666	62.44	68.2	5.76	Peak	279.00	150	Vertical	Pass
3**	5468.666	47.30	--	--	AV	279.00	150	Vertical	N/A
4	5469.834	60.24	68.2	7.96	Peak	279.00	150	Vertical	Pass
4**	5469.834	47.55	--	--	AV	279.00	150	Vertical	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.12	68.2	5.08	Peak	290.00	150	Vertical	Pass
2	5725.334	64.30	68.2	3.90	Peak	279.00	100	Vertical	Pass

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.833	60.93	74.0	13.07	Peak	45.00	150	Vertical	Pass
1**	5459.833	45.03	54.0	8.97	AV	45.00	150	Vertical	Pass
2	5460.000	59.60	74.0	14.40	Peak	317.00	200	Vertical	Pass
2**	5460.000	45.49	54.0	8.51	AV	317.00	200	Vertical	Pass
3	5468.500	64.12	68.2	4.08	Peak	314.00	200	Vertical	Pass
3**	5468.500	46.00	--	--	AV	314.00	200	Vertical	N/A
4	5469.834	63.70	68.2	4.50	Peak	314.00	100	Vertical	Pass
4**	5469.834	46.65	--	--	AV	314.00	100	Vertical	N/A

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.25	68.2	6.95	Peak	54.00	200	Vertical	Pass
2	5729.166	63.77	68.2	4.43	Peak	46.00	100	Vertical	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.667	55.36	68.2	12.84	Peak	320.00	150	Vertical	Pass
2	5650.000	53.69	68.2	14.51	Peak	82.00	100	Vertical	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.57	68.3	14.73	Peak	39.00	100	Vertical	Pass
2	5945.166	55.31	68.2	12.89	Peak	312.00	100	Vertical	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.666	55.50	68.2	12.70	Peak	0.00	150	Vertical	Pass
2	5650.000	54.09	68.2	14.11	Peak	360.00	100	Vertical	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.37	68.3	14.93	Peak	227.00	100	Vertical	Pass
2	5941.167	55.35	68.2	12.85	Peak	122.00	100	Vertical	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.834	55.65	68.2	12.55	Peak	52.00	150	Vertical	Pass
2	5650.000	54.05	68.2	14.15	Peak	302.00	100	Vertical	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.90	68.3	14.40	Peak	360.00	200	Vertical	Pass
2	5942.834	56.87	68.2	11.33	Peak	52.00	100	Vertical	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.833	55.23	68.2	12.97	Peak	6.00	100	Vertical	Pass
2	5650.000	53.96	68.2	14.24	Peak	96.00	200	Vertical	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.35	68.3	14.95	Peak	119.00	200	Vertical	Pass
2	5940.833	55.16	68.2	13.04	Peak	62.00	200	Vertical	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.167	55.43	68.2	12.77	Peak	65.00	100	Vertical	Pass
2	5650.000	53.93	68.2	14.27	Peak	360.00	100	Vertical	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.63	68.3	14.67	Peak	58.00	150	Vertical	Pass
2	5949.334	56.80	68.2	11.40	Peak	53.00	200	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.334	55.98	68.2	12.22	Peak	312.00	100	Vertical	Pass
2	5650.000	55.05	68.2	13.15	Peak	52.00	100	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	54.37	68.3	13.93	Peak	83.00	100	Vertical	Pass
2	5935.166	56.98	68.2	11.22	Peak	58.00	200	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2541696-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2541696-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2541696-AI.PDF”.

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