

TEST REPORT

Applicant: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China
Equipment Type: Mobile Phone
Model Name: CPH2725
Brand Name: OPPO
FCC ID: R9C-OP24303
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Jan. 21, 2025
Test Date: Jan. 24, 2025 - Feb. 19, 2025
Date of Issue: Feb. 24, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingyuan

Checked by: Ye Hongji

Approved by: Sunny Zou
(Technical Director)

Yu Ying Yuan

Ye Hongji

Sunny Zou

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Feb. 24, 2025</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION	4
1.1	Test Laboratory	4
1.2	Test Location	4
2	PRODUCT INFORMATION	5
2.1	Applicant Information	5
2.2	Manufacturer Information	5
2.3	General Description for Equipment under Test (EUT)	5
2.4	Technical Information	5
2.5	Channel List	7
3	SUMMARY OF TEST RESULTS	10
3.1	Test Standards	10
3.2	Test Verdict	10
4	GENERAL TEST CONFIGURATIONS	11
4.1	Test Environments	11
4.2	Test Equipment List	11
4.3	Test Software List	12
4.4	Measurement Uncertainty	12
4.5	Description of Test Setup	13
5	TEST ITEMS	16
5.1	RF Output Power	16
5.2	Emission Bandwidth and 6 dB Bandwidth	18
5.3	Power Spectral density (PSD)	19
5.4	Conducted Emission	20
5.5	Radiated Spurious Emissions and Band Edge (Restricted-band)	21

ANNEX A	TEST RESULT	26
A.1	RF Output Power.....	26
A.2	Emission Bandwidth & 99% Bandwidth.....	29
A.3	6 dB Bandwidth	31
A.4	Power Spectral Density	32
A.5	Conducted Emissions.....	34
A.6	Radiated Spurious Emissions and Band Edge (Restricted-band).....	36
ANNEX B	TEST SETUP PHOTOS	110
ANNEX C	EUT EXTERNAL PHOTOS	110
ANNEX D	EUT INTERNAL PHOTOS	110

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	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

2.2 Manufacturer Information

Manufacturer	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	CPH2725
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS 15.0.1
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S02, S05
IMEI Number	S02: IMEI1:865652070169950; IMEI2:865652070169943
	S05: IMEI1:865652070168614; IMEI2:865652070168606

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA Band 1/2/4/5/6/8/19 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/13/17/18/19/26/28/66 TDD LTE Band 38/40/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80) GNSS, FM Receiver
-----------------------------------	---

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: 48.64 mW U-NII-2A: 46.67 mW U-NII-2C: 59.57 mW U-NII-3: 57.02 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	IFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.1 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.7 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.2 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.4 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

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	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	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	22% to 67%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.4℃ to +23.7℃
Working Voltage of the EUT	NV (Normal Voltage)	3.92V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060183	2024.08.01	2025.07.31
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	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	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2022.02.19	2025.02.18
				2025.02.18	2026.02.17

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%

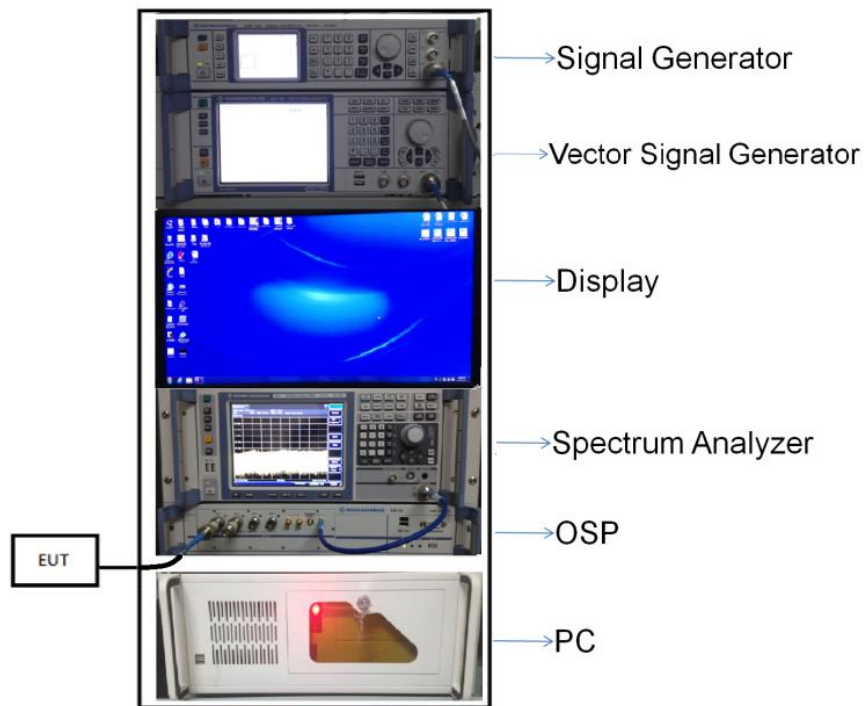
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

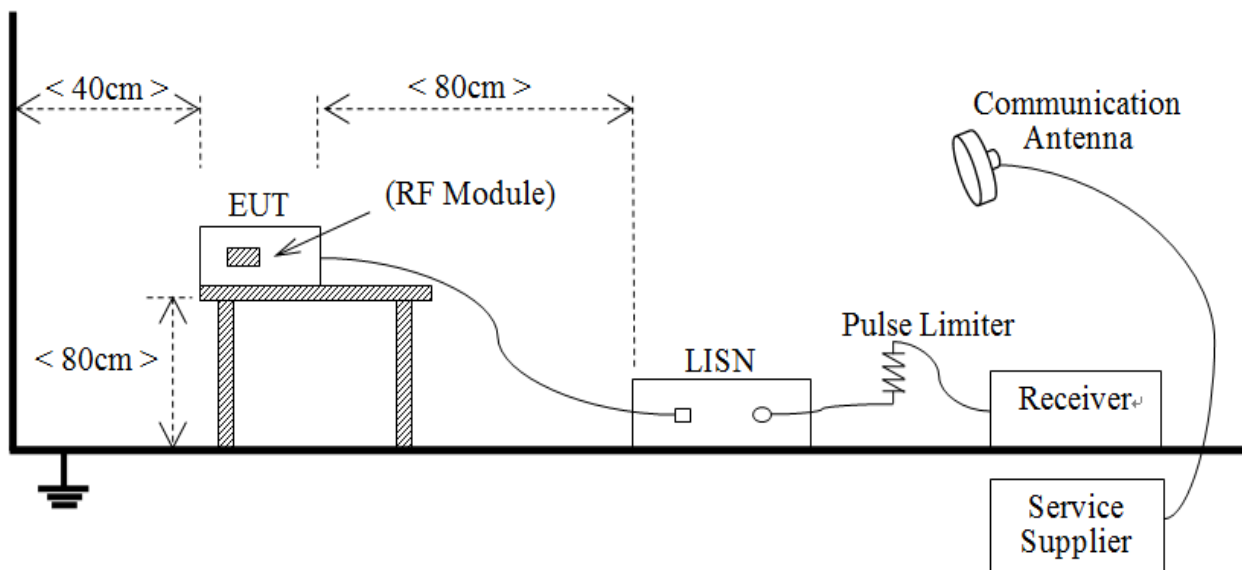
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



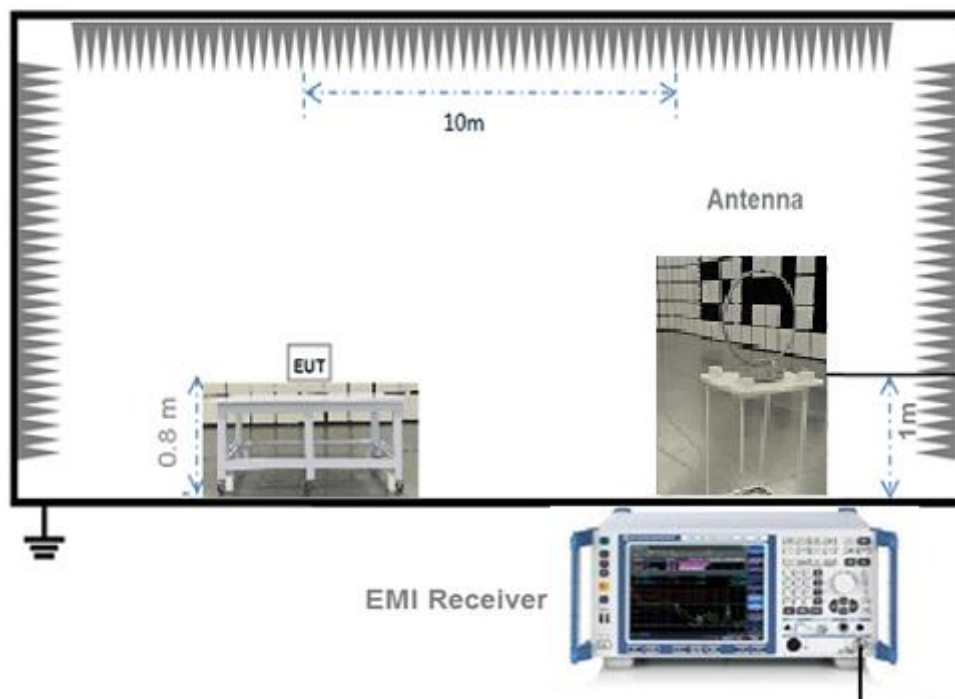
(Diagram 1)

4.5.2 For AC Power Supply Port Test



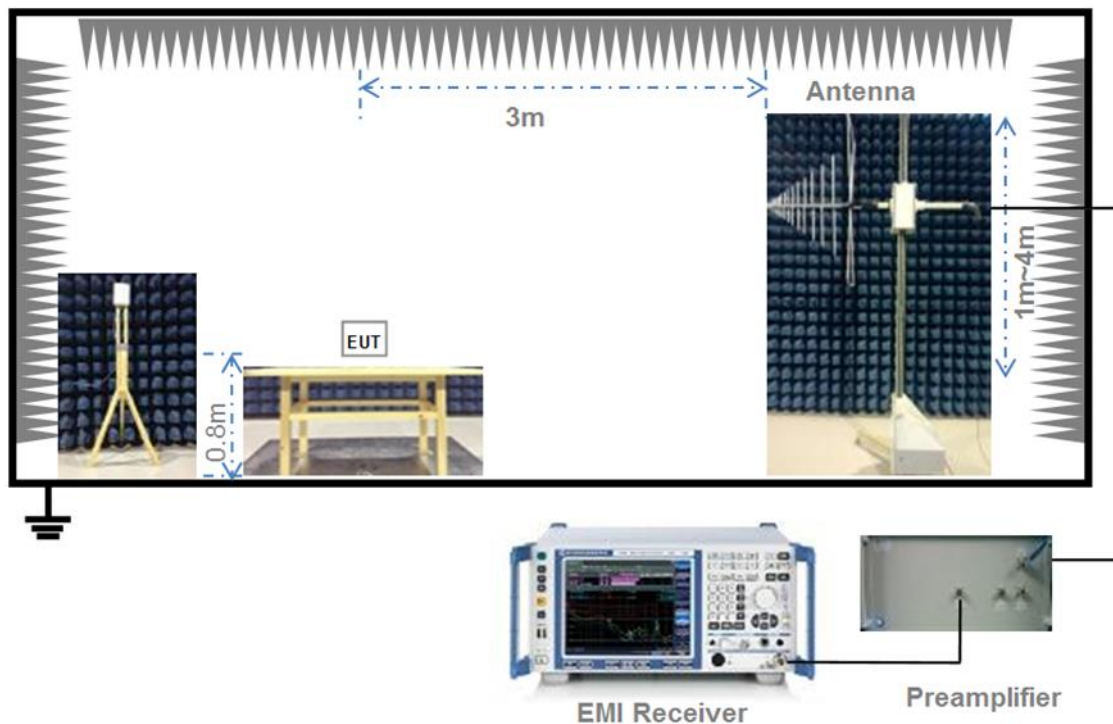
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



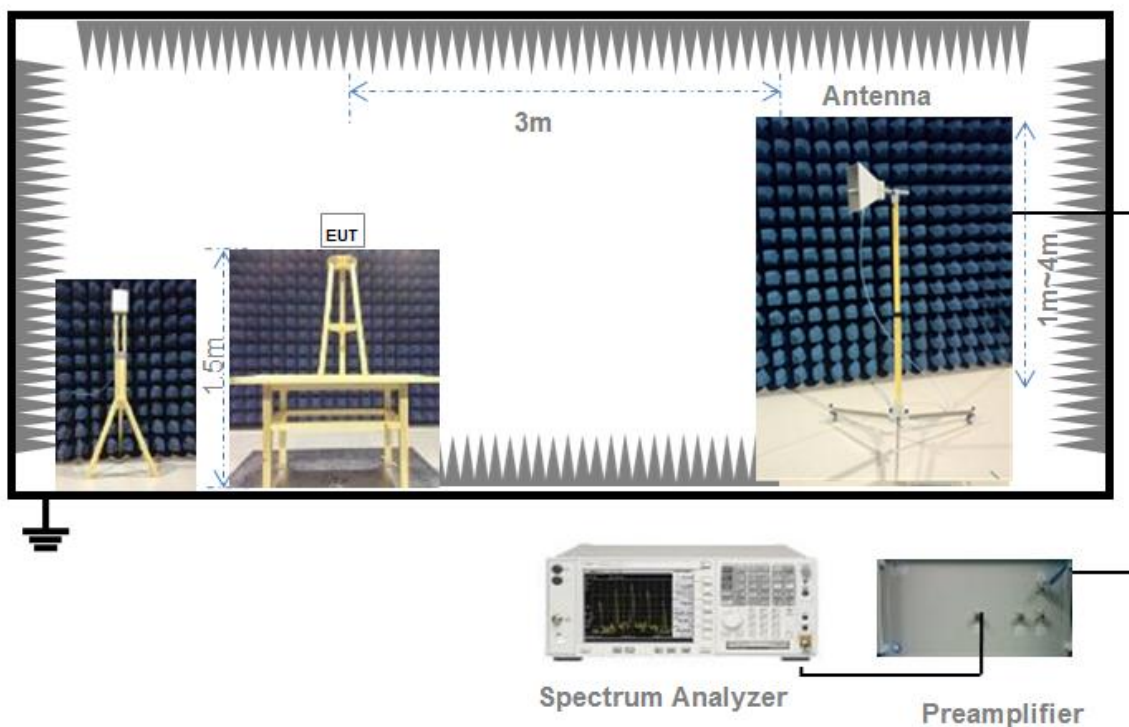
(Diagram 3)

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)

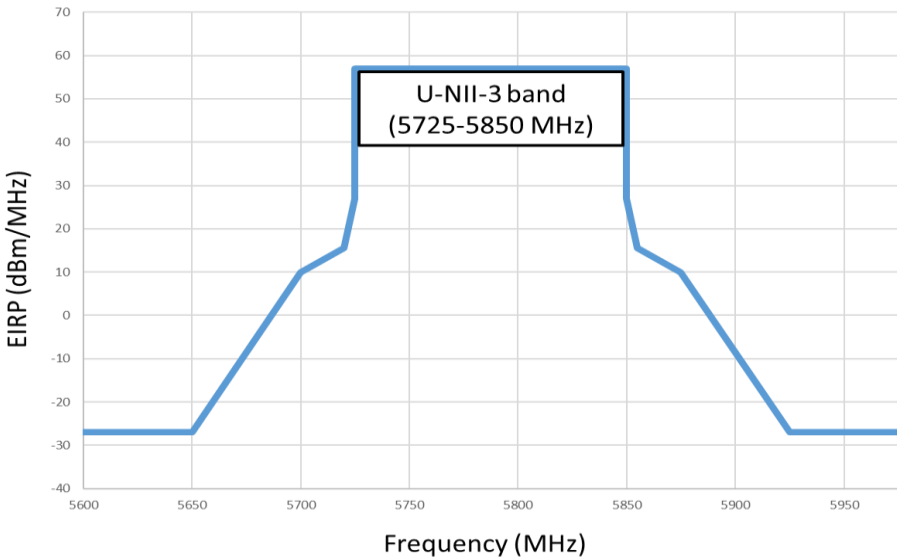
5.5.1 Limit

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.194	2.234	98.21%
11n(HT20)	2.047	2.087	98.08%
11n(HT40)	1.003	1.039	96.54%
11ac(VHT20)	2.052	2.093	98.04%
11ac(VHT40)	1.012	1.049	96.47%
11ac(VHT80)	0.487	0.524	92.98%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.01	39.90	250	Pass
11a	CH44	16.87	48.64	250	Pass
11a	CH48	16.73	47.10	250	Pass
11n(HT20)	CH36	15.83	38.28	250	Pass
11n(HT20)	CH44	16.66	46.34	250	Pass
11n(HT20)	CH48	16.55	45.19	250	Pass
11n(HT40)	CH38	12.33	17.10	250	Pass
11n(HT40)	CH46	15.96	39.45	250	Pass
11ac(VHT20)	CH36	15.73	37.41	250	Pass
11ac(VHT20)	CH44	16.63	46.03	250	Pass
11ac(VHT20)	CH48	16.56	45.29	250	Pass
11ac(VHT40)	CH38	12.31	17.02	250	Pass
11ac(VHT40)	CH46	15.91	38.99	250	Pass
11ac(VHT80)	CH42	10.56	11.38	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	16.69	46.67	250	Pass
11a	CH60	16.59	45.60	250	Pass
11a	CH64	15.56	35.97	250	Pass
11n(HT20)	CH52	16.50	44.67	250	Pass
11n(HT20)	CH60	16.19	41.59	250	Pass
11n(HT20)	CH64	15.59	36.22	250	Pass
11n(HT40)	CH54	15.74	37.50	250	Pass
11n(HT40)	CH62	11.55	14.29	250	Pass
11ac(VHT20)	CH52	16.58	45.50	250	Pass
11ac(VHT20)	CH60	16.16	41.30	250	Pass
11ac(VHT20)	CH64	15.54	35.81	250	Pass
11ac(VHT40)	CH54	15.79	37.93	250	Pass
11ac(VHT40)	CH62	11.51	14.16	250	Pass
11ac(VHT80)	CH58	10.55	11.35	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.73	37.41	250	Pass
11a	CH116	17.40	54.95	250	Pass
11a	CH140	15.98	39.63	250	Pass
11n(HT20)	CH100	14.57	28.64	250	Pass
11n(HT20)	CH116	17.75	59.57	250	Pass
11n(HT20)	CH140	15.30	33.88	250	Pass
11n(HT40)	CH102	12.47	17.66	250	Pass
11n(HT40)	CH118	16.74	47.21	250	Pass
11n(HT40)	CH134	16.75	47.32	250	Pass
11ac(VHT20)	CH100	14.51	28.25	250	Pass
11ac(VHT20)	CH116	17.69	58.75	250	Pass
11ac(VHT20)	CH140	15.22	33.27	250	Pass
11ac(VHT40)	CH102	12.42	17.46	250	Pass
11ac(VHT40)	CH118	16.74	47.21	250	Pass
11ac(VHT40)	CH134	16.78	47.64	250	Pass
11ac(VHT80)	CH106	10.90	12.30	250	Pass
11ac(VHT80)	CH122	16.33	42.95	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.56	57.02	1000	Pass
11a	CH157	17.16	52.00	1000	Pass
11a	CH165	16.04	40.18	1000	Pass
11n(HT20)	CH149	16.87	48.64	1000	Pass
11n(HT20)	CH157	16.95	49.55	1000	Pass
11n(HT20)	CH165	15.53	35.73	1000	Pass
11n(HT40)	CH151	16.15	41.21	1000	Pass
11n(HT40)	CH159	15.53	35.73	1000	Pass
11ac(VHT20)	CH149	16.91	49.09	1000	Pass
11ac(VHT20)	CH157	16.95	49.55	1000	Pass
11ac(VHT20)	CH165	15.52	35.65	1000	Pass
11ac(VHT40)	CH151	16.24	42.07	1000	Pass
11ac(VHT40)	CH159	15.55	35.89	1000	Pass
11ac(VHT80)	CH155	15.64	36.64	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2510972-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.57	16.43
11a	CH44	21.87	16.45
11a	CH48	21.48	16.45
11n(HT20)	CH36	21.86	17.60
11n(HT20)	CH44	22.09	17.62
11n(HT20)	CH48	22.89	17.61
11n(HT40)	CH38	40.55	36.02
11n(HT40)	CH46	50.63	35.98
11ac(VHT20)	CH36	21.95	17.60
11ac(VHT20)	CH44	22.27	17.61
11ac(VHT20)	CH48	22.05	17.61
11ac(VHT40)	CH38	40.60	36.04
11ac(VHT40)	CH46	40.37	35.98
11ac(VHT80)	CH42	81.51	75.55

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.93	16.43
11a	CH60	21.94	16.44
11a	CH64	21.66	16.43
11n(HT20)	CH52	21.89	17.59
11n(HT20)	CH60	22.03	17.61
11n(HT20)	CH64	21.86	17.61
11n(HT40)	CH54	40.73	35.98
11n(HT40)	CH62	40.45	36.02
11ac(VHT20)	CH52	21.79	17.61
11ac(VHT20)	CH60	22.08	17.62
11ac(VHT20)	CH64	22.51	17.61
11ac(VHT40)	CH54	40.39	35.99
11ac(VHT40)	CH62	40.69	36.04
11ac(VHT80)	CH58	85.16	75.69

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.91	16.43
11a	CH116	21.89	16.43
11a	CH140	21.07	16.41
11n(HT20)	CH100	21.86	17.61
11n(HT20)	CH116	21.90	17.61
11n(HT20)	CH140	21.50	17.59
11n(HT40)	CH102	40.67	36.05
11n(HT40)	CH118	40.53	36.02
11n(HT40)	CH134	40.68	36.00
11ac(VHT20)	CH100	22.02	17.59
11ac(VHT20)	CH116	21.87	17.59
11ac(VHT20)	CH140	22.13	17.60
11ac(VHT40)	CH102	40.50	36.02
11ac(VHT40)	CH118	40.77	36.01
11ac(VHT40)	CH134	41.14	36.01
11ac(VHT80)	CH106	81.39	75.41
11ac(VHT80)	CH122	87.17	75.53

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.24	16.40
11a	CH157	21.30	16.39
11a	CH165	21.31	16.39
11n(HT20)	CH149	21.68	17.58
11n(HT20)	CH157	21.73	17.59
11n(HT20)	CH165	21.77	17.58
11n(HT40)	CH151	40.60	35.99
11n(HT40)	CH159	40.46	36.00
11ac(VHT20)	CH149	21.74	17.59
11ac(VHT20)	CH157	21.73	17.59
11ac(VHT20)	CH165	21.74	17.58
11ac(VHT40)	CH151	40.72	36.01
11ac(VHT40)	CH159	40.43	36.03
11ac(VHT80)	CH155	85.32	75.55

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2510972-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.15	500.00	Pass
11a	CH157	15.15	500.00	Pass
11a	CH165	15.10	500.00	Pass
11n(HT20)	CH149	15.15	500.00	Pass
11n(HT20)	CH157	15.10	500.00	Pass
11n(HT20)	CH165	13.85	500.00	Pass
11n(HT40)	CH151	35.10	500.00	Pass
11n(HT40)	CH159	35.10	500.00	Pass
11ac(VHT20)	CH149	15.10	500.00	Pass
11ac(VHT20)	CH157	15.10	500.00	Pass
11ac(VHT20)	CH165	15.15	500.00	Pass
11ac(VHT40)	CH151	35.10	500.00	Pass
11ac(VHT40)	CH159	35.10	500.00	Pass
11ac(VHT80)	CH155	72.65	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2510972-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.38	11.00	Pass
11a	CH44	7.28	11.00	Pass
11a	CH48	7.11	11.00	Pass
11n(HT20)	CH36	6.04	11.00	Pass
11n(HT20)	CH44	6.83	11.00	Pass
11n(HT20)	CH48	6.70	11.00	Pass
11n(HT40)	CH38	-0.23	11.00	Pass
11n(HT40)	CH46	3.43	11.00	Pass
11ac(VHT20)	CH36	5.98	11.00	Pass
11ac(VHT20)	CH44	6.84	11.00	Pass
11ac(VHT20)	CH48	6.76	11.00	Pass
11ac(VHT40)	CH38	-0.28	11.00	Pass
11ac(VHT40)	CH46	3.41	11.00	Pass
11ac(VHT80)	CH42	-4.99	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	7.06	11.00	Pass
11a	CH60	6.90	11.00	Pass
11a	CH64	6.09	11.00	Pass
11n(HT20)	CH52	6.72	11.00	Pass
11n(HT20)	CH60	6.48	11.00	Pass
11n(HT20)	CH64	5.70	11.00	Pass
11n(HT40)	CH54	3.28	11.00	Pass
11n(HT40)	CH62	-1.01	11.00	Pass
11ac(VHT20)	CH52	6.73	11.00	Pass
11ac(VHT20)	CH60	6.48	11.00	Pass
11ac(VHT20)	CH64	5.78	11.00	Pass
11ac(VHT40)	CH54	3.33	11.00	Pass
11ac(VHT40)	CH62	-1.05	11.00	Pass
11ac(VHT80)	CH58	-5.25	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	6.41	11.00	Pass
11a	CH116	7.97	11.00	Pass
11a	CH140	6.32	11.00	Pass
11n(HT20)	CH100	4.95	11.00	Pass
11n(HT20)	CH116	8.09	11.00	Pass
11n(HT20)	CH140	5.46	11.00	Pass
11n(HT40)	CH102	0.06	11.00	Pass
11n(HT40)	CH118	4.34	11.00	Pass
11n(HT40)	CH134	4.18	11.00	Pass
11ac(VHT20)	CH100	4.89	11.00	Pass
11ac(VHT20)	CH116	8.04	11.00	Pass
11ac(VHT20)	CH140	5.48	11.00	Pass
11ac(VHT40)	CH102	0.11	11.00	Pass
11ac(VHT40)	CH118	4.32	11.00	Pass
11ac(VHT40)	CH134	4.21	11.00	Pass
11ac(VHT80)	CH106	-4.41	11.00	Pass
11ac(VHT80)	CH122	1.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	5.40	30.00	Pass
11a	CH157	5.18	30.00	Pass
11a	CH165	4.03	30.00	Pass
11n(HT20)	CH149	4.51	30.00	Pass
11n(HT20)	CH157	4.77	30.00	Pass
11n(HT20)	CH165	3.20	30.00	Pass
11n(HT40)	CH151	0.83	30.00	Pass
11n(HT40)	CH159	0.15	30.00	Pass
11ac(VHT20)	CH149	4.55	30.00	Pass
11ac(VHT20)	CH157	4.75	30.00	Pass
11ac(VHT20)	CH165	3.24	30.00	Pass
11ac(VHT40)	CH151	0.90	30.00	Pass
11ac(VHT40)	CH159	0.28	30.00	Pass
11ac(VHT80)	CH155	-2.76	30.00	Pass

A.5 Conducted Emissions

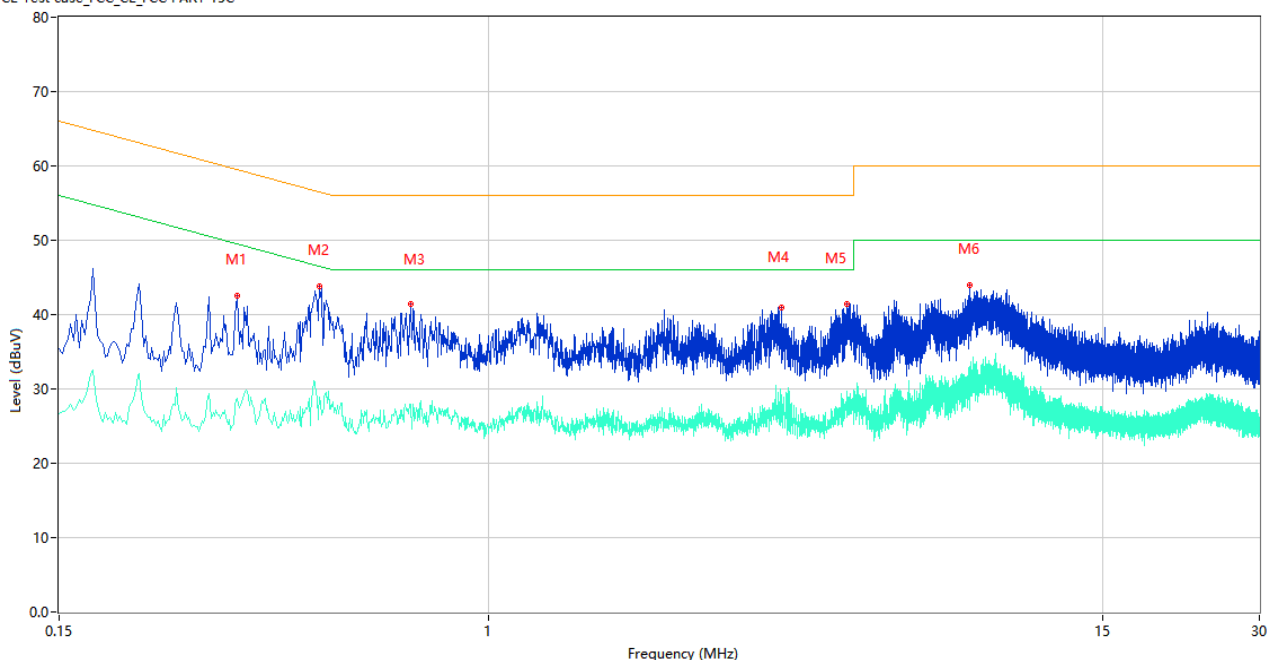
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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.

Test Data and Plots

PHASE L

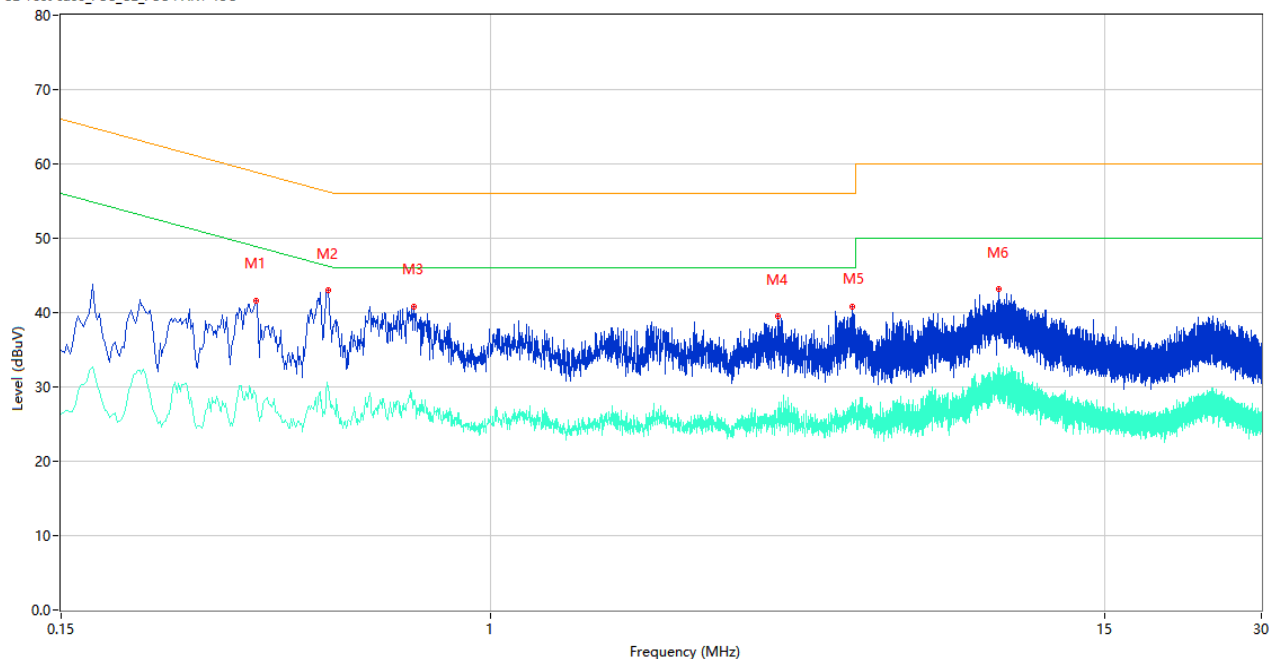
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.330	42.50	10.36	59.45	16.95	Peak	L	Pass
1**	0.330	28.74	10.36	49.45	20.71	AV	L	Pass
2	0.474	43.79	10.00	56.44	12.65	Peak	L	Pass
2**	0.474	28.82	10.00	46.44	17.62	AV	L	Pass
3	0.710	41.40	10.55	56.00	14.60	Peak	L	Pass
3**	0.710	27.78	10.55	46.00	18.22	AV	L	Pass
4	3.640	40.98	10.41	56.00	15.02	Peak	L	Pass
4**	3.640	29.20	10.41	46.00	16.80	AV	L	Pass
5	4.868	41.36	10.22	56.00	14.64	Peak	L	Pass
5**	4.868	29.64	10.22	46.00	16.36	AV	L	Pass
6	8.342	43.93	10.19	60.00	16.07	Peak	L	Pass
6**	8.342	31.68	10.19	50.00	18.32	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	0.354	41.62	10.74	58.87	17.25	Peak	N	Pass
1**	0.354	28.74	10.74	48.87	20.13	AV	N	Pass
2	0.488	43.01	9.99	56.20	13.19	Peak	N	Pass
2**	0.488	30.06	9.99	46.20	16.14	AV	N	Pass
3	0.712	40.86	10.53	56.00	15.14	Peak	N	Pass
3**	0.712	27.93	10.53	46.00	18.07	AV	N	Pass
4	3.552	39.46	10.24	56.00	16.54	Peak	N	Pass
4**	3.552	27.12	10.24	46.00	18.88	AV	N	Pass
5	4.928	40.72	10.21	56.00	15.28	Peak	N	Pass
5**	4.928	27.37	10.21	46.00	18.63	AV	N	Pass
6	9.434	43.14	10.12	60.00	16.86	Peak	N	Pass
6**	9.434	33.17	10.12	50.00	16.83	AV	N	Pass

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

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

Note²: For the test data above 1 GHz, According the ANSI C63.4, 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.

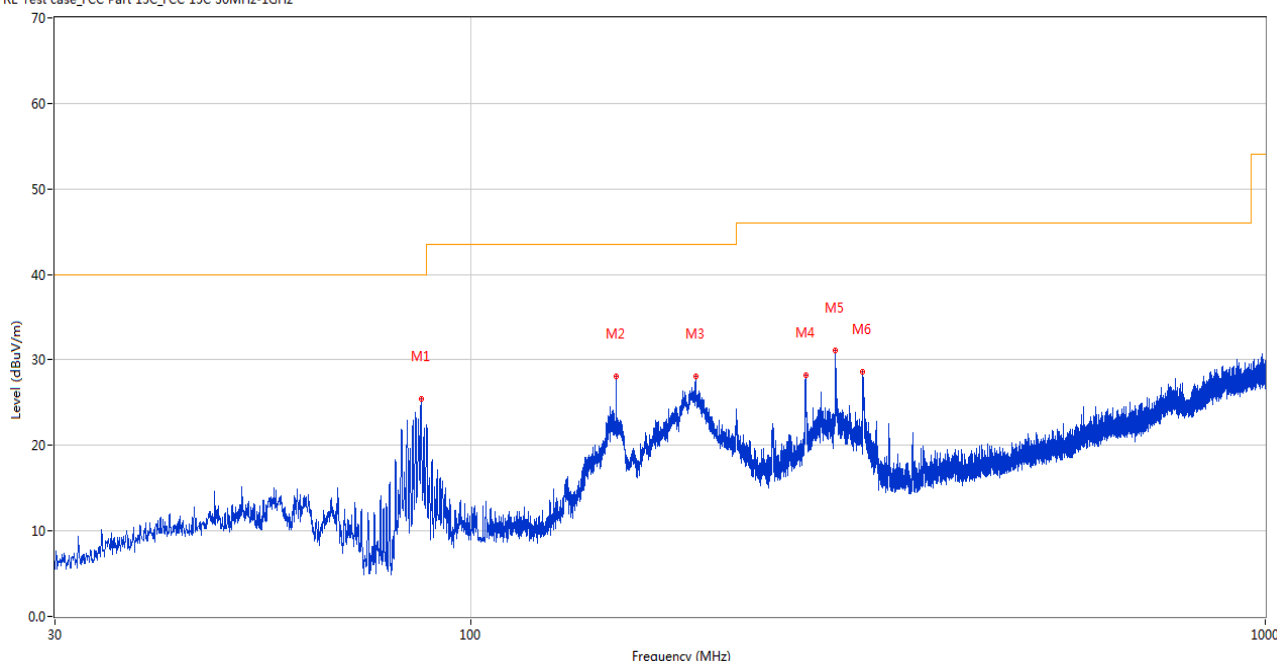
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

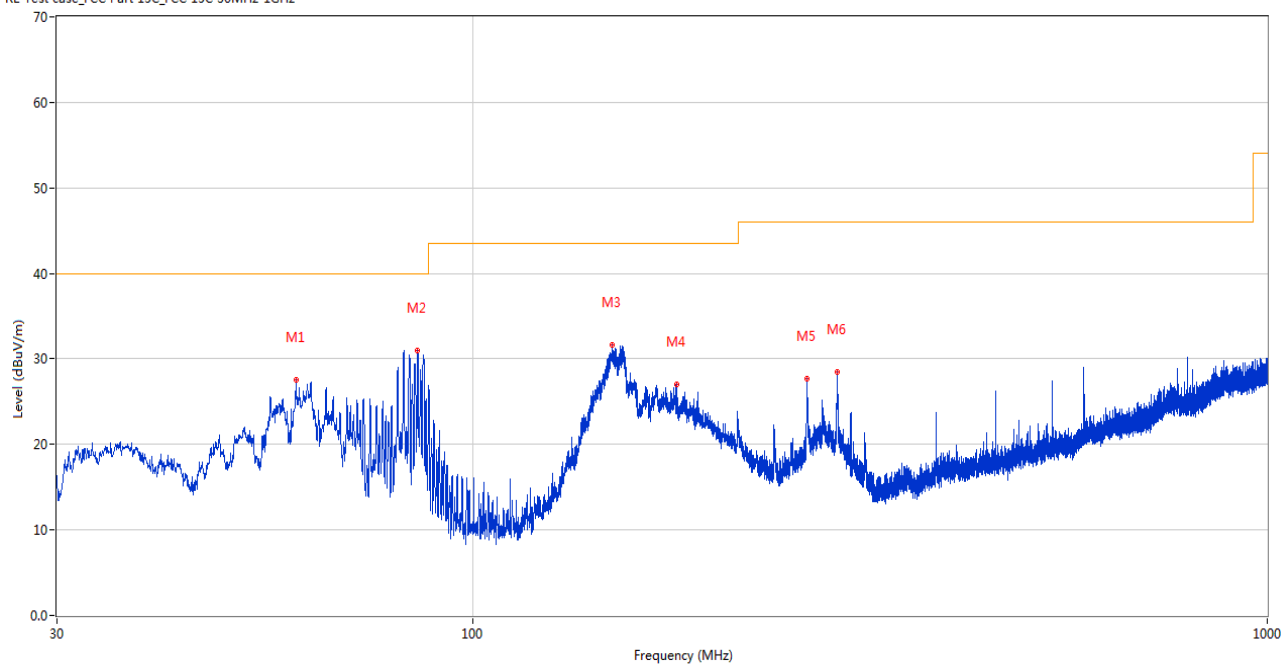
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	86.697	25.46	-29.75	40.0	14.54	Peak	211.90	200	Horizontal	Pass
2	152.462	28.07	-29.59	43.5	15.43	Peak	73.60	200	Horizontal	Pass
3	191.942	28.05	-26.35	43.5	15.45	Peak	112.20	100	Horizontal	Pass
4	263.964	28.28	-24.06	46.0	17.72	Peak	277.30	100	Horizontal	Pass
5	287.778	31.17	-23.29	46.0	14.83	Peak	104.30	100	Horizontal	Pass
6	311.785	28.61	-23.14	46.0	17.39	Peak	132.60	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	59.973	27.51	-25.81	40.0	12.49	Peak	21.60	100	Vertical	Pass
2	85.339	30.99	-30.22	40.0	9.01	Peak	51.30	100	Vertical	Pass
3	150.038	31.64	-29.91	43.5	11.86	Peak	76.60	100	Vertical	Pass
4	180.447	27.03	-27.72	43.5	16.47	Peak	143.00	100	Vertical	Pass
5	263.625	27.75	-24.05	46.0	18.25	Peak	143.00	100	Vertical	Pass
6	287.486	28.51	-23.34	46.0	17.49	Peak	131.50	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.400	39.92	74.0	34.08	Peak	190.00	200	Horizontal	Pass
1**	1498.400	29.65	54.0	24.35	AV	190.00	200	Horizontal	Pass
2	4114.750	47.07	74.0	26.93	Peak	320.00	200	Horizontal	Pass
2**	4114.750	37.01	54.0	16.99	AV	320.00	200	Horizontal	Pass
3	5181.000	108.25	--	--	Peak	160.00	100	Horizontal	N/A
3**	5181.000	101.79	--	--	AV	160.00	100	Horizontal	N/A
4	6885.750	54.37	68.2	13.83	Peak	279.00	100	Horizontal	Pass
4**	6885.750	44.73	--	--	AV	279.00	100	Horizontal	N/A
5	12524.849	54.14	74.0	19.86	Peak	156.00	150	Horizontal	Pass
5**	12524.849	44.04	54.0	9.96	AV	156.00	150	Horizontal	Pass
6	15891.599	54.25	74.0	19.75	Peak	310.00	100	Horizontal	Pass
6**	15891.599	44.82	54.0	9.18	AV	310.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.800	42.94	74.0	31.06	Peak	141.00	100	Vertical	Pass
1**	1497.800	30.42	54.0	23.58	AV	141.00	100	Vertical	Pass
2	4255.500	47.30	74.0	26.70	Peak	177.00	100	Vertical	Pass
2**	4255.500	38.29	54.0	15.71	AV	177.00	100	Vertical	Pass
3	5179.250	103.07	--	--	Peak	257.00	150	Vertical	N/A
3**	5179.250	96.19	--	--	AV	257.00	150	Vertical	N/A
4	7597.750	53.09	74.0	20.91	Peak	347.00	300	Vertical	Pass
4**	7597.750	43.49	54.0	10.51	AV	347.00	300	Vertical	Pass
5	12469.987	54.13	74.0	19.87	Peak	42.00	200	Vertical	Pass
5**	12469.987	45.14	54.0	8.86	AV	42.00	200	Vertical	Pass
6	16132.312	54.12	74.0	19.88	Peak	283.00	100	Vertical	Pass
6**	16132.312	44.43	54.0	9.57	AV	283.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.800	39.40	74.0	34.60	Peak	191.00	200	Horizontal	Pass
1**	1495.800	29.04	54.0	24.96	AV	191.00	200	Horizontal	Pass
2	4355.500	47.36	74.0	26.64	Peak	46.00	100	Horizontal	Pass
2**	4355.500	38.07	54.0	15.93	AV	46.00	100	Horizontal	Pass
3	5219.000	108.32	--	--	Peak	173.00	200	Horizontal	N/A
3**	5219.000	103.14	--	--	AV	173.00	200	Horizontal	N/A
4	7599.250	53.14	74.0	20.86	Peak	193.00	300	Horizontal	Pass
4**	7599.250	43.59	54.0	10.41	AV	193.00	300	Horizontal	Pass
5	12501.576	53.32	74.0	20.68	Peak	239.00	150	Horizontal	Pass
5**	12501.576	44.34	54.0	9.66	AV	239.00	150	Horizontal	Pass
6	15938.588	54.44	74.0	19.56	Peak	103.00	400	Horizontal	Pass
6**	15938.588	43.54	54.0	10.46	AV	103.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.300	43.39	74.0	30.61	Peak	139.00	100	Vertical	Pass
1**	1498.300	32.48	54.0	21.52	AV	139.00	100	Vertical	Pass
2	4376.750	47.63	74.0	26.37	Peak	197.00	100	Vertical	Pass
2**	4376.750	37.77	54.0	16.23	AV	197.00	100	Vertical	Pass
3	5219.000	103.04	--	--	Peak	219.00	100	Vertical	N/A
3**	5219.000	96.19	--	--	AV	219.00	100	Vertical	N/A
4	7621.250	52.95	74.0	21.05	Peak	360.00	200	Vertical	Pass
4**	7621.250	43.68	54.0	10.32	AV	360.00	200	Vertical	Pass
5	12507.513	53.98	74.0	20.02	Peak	121.00	100	Vertical	Pass
5**	12507.513	44.38	54.0	9.62	AV	121.00	100	Vertical	Pass
6	15916.537	54.19	74.0	19.81	Peak	67.00	400	Vertical	Pass
6**	15916.537	44.15	54.0	9.85	AV	67.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	40.91	74.0	33.09	Peak	239.00	100	Horizontal	Pass
1**	1499.500	28.62	54.0	25.38	AV	239.00	100	Horizontal	Pass
2	4342.500	48.05	74.0	25.95	Peak	147.00	200	Horizontal	Pass
2**	4342.500	37.31	54.0	16.69	AV	147.00	200	Horizontal	Pass
3	5239.250	108.86	--	--	Peak	168.00	150	Horizontal	N/A
3**	5239.250	102.27	--	--	AV	168.00	150	Horizontal	N/A
4	7251.750	53.05	74.0	20.95	Peak	289.00	100	Horizontal	Pass
4**	7251.750	42.88	54.0	11.12	AV	289.00	100	Horizontal	Pass
5	12455.500	53.60	74.0	20.40	Peak	296.00	100	Horizontal	Pass
5**	12455.500	44.41	54.0	9.59	AV	296.00	100	Horizontal	Pass
6	15723.076	53.87	74.0	20.13	Peak	16.00	400	Horizontal	Pass
6**	15723.076	44.53	54.0	9.47	AV	16.00	400	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	1493.200	42.81	74.0	31.19	Peak	145.00	100	Vertical	Pass
1**	1493.200	29.22	54.0	24.78	AV	145.00	100	Vertical	Pass
2	4196.250	46.80	74.0	27.20	Peak	48.00	400	Vertical	Pass
2**	4196.250	37.07	54.0	16.93	AV	48.00	400	Vertical	Pass
3	5240.000	102.76	--	--	Peak	282.00	200	Vertical	N/A
3**	5240.000	96.00	--	--	AV	282.00	200	Vertical	N/A
4	7486.750	52.89	74.0	21.11	Peak	156.00	300	Vertical	Pass
4**	7486.750	43.19	54.0	10.81	AV	156.00	300	Vertical	Pass
5	12493.263	53.47	74.0	20.53	Peak	68.00	200	Vertical	Pass
5**	12493.263	44.94	54.0	9.06	AV	68.00	200	Vertical	Pass
6	15713.362	54.07	74.0	19.93	Peak	48.00	200	Vertical	Pass
6**	15713.362	45.23	54.0	8.77	AV	48.00	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	1533.800	39.11	74.0	34.89	Peak	245.00	300	Horizontal	Pass
1**	1533.800	28.94	54.0	25.06	AV	245.00	300	Horizontal	Pass
2	4241.500	46.73	74.0	27.27	Peak	174.00	300	Horizontal	Pass
2**	4241.500	37.81	54.0	16.19	AV	174.00	300	Horizontal	Pass
3	5179.000	108.13	--	--	Peak	133.00	100	Horizontal	N/A
3**	5179.000	101.35	--	--	AV	133.00	100	Horizontal	N/A
4	7581.000	52.74	74.0	21.26	Peak	0.00	300	Horizontal	Pass
4**	7581.000	43.28	54.0	10.72	AV	0.00	300	Horizontal	Pass
5	12498.013	53.38	74.0	20.62	Peak	265.00	200	Horizontal	Pass
5**	12498.013	44.04	54.0	9.96	AV	265.00	200	Horizontal	Pass
6	16129.950	54.02	74.0	19.98	Peak	33.00	200	Horizontal	Pass
6**	16129.950	44.95	54.0	9.05	AV	33.00	200	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	1498.700	42.07	74.0	31.93	Peak	151.00	400	Vertical	Pass
1**	1498.700	29.91	54.0	24.09	AV	151.00	400	Vertical	Pass
2	4224.500	47.42	74.0	26.58	Peak	189.00	200	Vertical	Pass
2**	4224.500	37.62	54.0	16.38	AV	189.00	200	Vertical	Pass
3	5181.250	102.79	--	--	Peak	252.00	100	Vertical	N/A
3**	5181.250	96.01	--	--	AV	252.00	100	Vertical	N/A
4	7597.250	53.35	74.0	20.65	Peak	0.00	400	Vertical	Pass
4**	7597.250	43.82	54.0	10.18	AV	0.00	400	Vertical	Pass
5	12486.138	53.43	74.0	20.57	Peak	43.00	200	Vertical	Pass
5**	12486.138	44.84	54.0	9.16	AV	43.00	200	Vertical	Pass
6	16148.325	54.09	74.0	19.91	Peak	315.00	400	Vertical	Pass
6**	16148.325	44.66	54.0	9.34	AV	315.00	400	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	1495.700	39.14	74.0	34.86	Peak	247.00	300	Horizontal	Pass
1**	1495.700	28.57	54.0	25.43	AV	247.00	300	Horizontal	Pass
2	4371.750	47.46	74.0	26.54	Peak	93.00	200	Horizontal	Pass
2**	4371.750	38.58	54.0	15.42	AV	93.00	200	Horizontal	Pass
3	5219.250	108.82	--	--	Peak	157.00	100	Horizontal	N/A
3**	5219.250	102.09	--	--	AV	157.00	100	Horizontal	N/A
4	7581.000	53.25	74.0	20.75	Peak	360.00	300	Horizontal	Pass
4**	7581.000	43.41	54.0	10.59	AV	360.00	300	Horizontal	Pass
5	12524.375	53.69	74.0	20.31	Peak	0.00	200	Horizontal	Pass
5**	12524.375	44.29	54.0	9.71	AV	0.00	200	Horizontal	Pass
6	16105.275	54.38	74.0	19.62	Peak	311.00	100	Horizontal	Pass
6**	16105.275	45.74	54.0	8.26	AV	311.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	44.62	74.0	29.38	Peak	147.00	200	Vertical	Pass
1**	1496.300	32.17	54.0	21.83	AV	147.00	200	Vertical	Pass
2	4196.750	47.01	74.0	26.99	Peak	342.00	100	Vertical	Pass
2**	4196.750	37.23	54.0	16.77	AV	342.00	100	Vertical	Pass
3	5219.250	103.49	--	--	Peak	236.00	200	Vertical	N/A
3**	5219.250	95.91	--	--	AV	236.00	200	Vertical	N/A
4	7606.750	52.67	74.0	21.33	Peak	342.00	100	Vertical	Pass
4**	7606.750	44.61	54.0	9.39	AV	342.00	100	Vertical	Pass
5	12504.901	53.51	74.0	20.49	Peak	271.00	200	Vertical	Pass
5**	12504.901	44.62	54.0	9.38	AV	271.00	200	Vertical	Pass
6	15891.599	54.02	74.0	19.98	Peak	350.00	300	Vertical	Pass
6**	15891.599	44.46	54.0	9.54	AV	350.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	39.35	74.0	34.65	Peak	240.00	400	Horizontal	Pass
1**	1495.500	30.41	54.0	23.59	AV	240.00	400	Horizontal	Pass
2	4283.250	47.06	74.0	26.94	Peak	260.00	200	Horizontal	Pass
2**	4283.250	37.82	54.0	16.18	AV	260.00	200	Horizontal	Pass
3	5240.000	108.13	--	--	Peak	174.00	150	Horizontal	N/A
3**	5240.000	101.67	--	--	AV	174.00	150	Horizontal	N/A
4	7615.250	53.36	74.0	20.64	Peak	260.00	100	Horizontal	Pass
4**	7615.250	43.53	54.0	10.47	AV	260.00	100	Horizontal	Pass
5	12530.787	53.68	74.0	20.32	Peak	0.00	150	Horizontal	Pass
5**	12530.787	44.00	54.0	10.00	AV	0.00	150	Horizontal	Pass
6	15651.412	54.67	74.0	19.33	Peak	120.00	100	Horizontal	Pass
6**	15651.412	44.28	54.0	9.72	AV	120.00	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	1498.200	44.59	74.0	29.41	Peak	153.00	300	Vertical	Pass
1**	1498.200	31.98	54.0	22.02	AV	153.00	300	Vertical	Pass
2	4000.750	47.69	74.0	26.31	Peak	360.00	300	Vertical	Pass
2**	4000.750	37.17	54.0	16.83	AV	360.00	300	Vertical	Pass
3	5239.250	103.09	--	--	Peak	282.00	200	Vertical	N/A
3**	5239.250	96.23	--	--	AV	282.00	200	Vertical	N/A
4	7420.000	53.00	74.0	21.00	Peak	360.00	300	Vertical	Pass
4**	7420.000	44.57	54.0	9.43	AV	360.00	300	Vertical	Pass
5	12463.337	53.84	74.0	20.16	Peak	72.00	100	Vertical	Pass
5**	12463.337	44.27	54.0	9.73	AV	72.00	100	Vertical	Pass
6	16150.688	54.09	74.0	19.91	Peak	168.00	400	Vertical	Pass
6**	16150.688	44.35	54.0	9.65	AV	168.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	39.65	74.0	34.35	Peak	262.00	400	Horizontal	Pass
1**	1493.000	31.23	54.0	22.77	AV	262.00	400	Horizontal	Pass
2	4367.000	47.18	74.0	26.82	Peak	276.00	400	Horizontal	Pass
2**	4367.000	37.81	54.0	16.19	AV	276.00	400	Horizontal	Pass
3	5191.750	105.65	--	--	Peak	176.00	200	Horizontal	N/A
3**	5191.750	97.84	--	--	AV	176.00	200	Horizontal	N/A
4	7613.000	52.52	74.0	21.48	Peak	155.00	300	Horizontal	Pass
4**	7613.000	43.30	54.0	10.70	AV	155.00	300	Horizontal	Pass
5	12469.987	53.75	74.0	20.25	Peak	16.00	100	Horizontal	Pass
5**	12469.987	44.71	54.0	9.29	AV	16.00	100	Horizontal	Pass
6	16043.850	54.02	74.0	19.98	Peak	344.00	100	Horizontal	Pass
6**	16043.850	44.25	54.0	9.75	AV	344.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	40.71	74.0	33.29	Peak	162.00	400	Vertical	Pass
1**	1495.600	31.65	54.0	22.35	AV	162.00	400	Vertical	Pass
2	4222.000	47.07	74.0	26.93	Peak	289.00	100	Vertical	Pass
2**	4222.000	37.28	54.0	16.72	AV	289.00	100	Vertical	Pass
3	5193.000	99.27	--	--	Peak	204.00	100	Vertical	N/A
3**	5193.000	91.60	--	--	AV	204.00	100	Vertical	N/A
4	7583.750	52.83	74.0	21.17	Peak	289.00	100	Vertical	Pass
4**	7583.750	43.96	54.0	10.04	AV	289.00	100	Vertical	Pass
5	12467.613	53.68	74.0	20.32	Peak	139.00	200	Vertical	Pass
5**	12467.613	44.80	54.0	9.20	AV	139.00	200	Vertical	Pass
6	16104.487	54.15	74.0	19.85	Peak	256.00	200	Vertical	Pass
6**	16104.487	45.47	54.0	8.53	AV	256.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.200	38.93	74.0	35.07	Peak	116.00	300	Horizontal	Pass
1**	1470.200	28.51	54.0	25.49	AV	116.00	300	Horizontal	Pass
2	4387.000	46.75	74.0	27.25	Peak	19.00	300	Horizontal	Pass
2**	4387.000	38.18	54.0	15.82	AV	19.00	300	Horizontal	Pass
3	5231.250	105.66	--	--	Peak	156.00	100	Horizontal	N/A
3**	5231.250	98.44	--	--	AV	156.00	100	Horizontal	N/A
4	7618.250	53.00	74.0	21.00	Peak	239.00	400	Horizontal	Pass
4**	7618.250	44.62	54.0	9.38	AV	239.00	400	Horizontal	Pass
5	12498.250	53.82	74.0	20.18	Peak	16.00	150	Horizontal	Pass
5**	12498.250	44.18	54.0	9.82	AV	16.00	150	Horizontal	Pass
6	15896.588	54.08	74.0	19.92	Peak	147.00	400	Horizontal	Pass
6**	15896.588	45.45	54.0	8.55	AV	147.00	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	1498.200	42.81	74.0	31.19	Peak	155.00	100	Vertical	Pass
1**	1498.200	32.55	54.0	21.45	AV	155.00	100	Vertical	Pass
2	4338.000	47.45	74.0	26.55	Peak	79.00	300	Vertical	Pass
2**	4338.000	38.13	54.0	15.87	AV	79.00	300	Vertical	Pass
3	5232.500	100.11	--	--	Peak	282.00	100	Vertical	N/A
3**	5232.500	92.38	--	--	AV	282.00	100	Vertical	N/A
4	7611.750	52.94	74.0	21.06	Peak	169.00	100	Vertical	Pass
4**	7611.750	43.42	54.0	10.58	AV	169.00	100	Vertical	Pass
5	12514.400	53.80	74.0	20.20	Peak	281.00	200	Vertical	Pass
5**	12514.400	44.34	54.0	9.66	AV	281.00	200	Vertical	Pass
6	16056.974	53.86	74.0	20.14	Peak	18.00	200	Vertical	Pass
6**	16056.974	45.06	54.0	8.94	AV	18.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.900	39.38	74.0	34.62	Peak	274.00	100	Horizontal	Pass
1**	1482.900	29.41	54.0	24.59	AV	274.00	100	Horizontal	Pass
2	4283.500	47.50	74.0	26.50	Peak	143.00	400	Horizontal	Pass
2**	4283.500	37.55	54.0	16.45	AV	143.00	400	Horizontal	Pass
3	5180.250	107.45	--	--	Peak	143.00	150	Horizontal	N/A
3**	5180.250	100.45	--	--	AV	143.00	150	Horizontal	N/A
4	7604.250	54.08	74.0	19.92	Peak	360.00	400	Horizontal	Pass
4**	7604.250	44.27	54.0	9.73	AV	360.00	400	Horizontal	Pass
5	12461.674	53.13	74.0	20.87	Peak	12.00	200	Horizontal	Pass
5**	12461.674	44.60	54.0	9.40	AV	12.00	200	Horizontal	Pass
6	15893.175	54.19	74.0	19.81	Peak	193.00	100	Horizontal	Pass
6**	15893.175	44.56	54.0	9.44	AV	193.00	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	1495.100	44.69	74.0	29.31	Peak	160.00	100	Vertical	Pass
1**	1495.100	31.93	54.0	22.07	AV	160.00	100	Vertical	Pass
2	4324.000	46.67	74.0	27.33	Peak	347.00	100	Vertical	Pass
2**	4324.000	37.57	54.0	16.43	AV	347.00	100	Vertical	Pass
3	5181.000	101.71	--	--	Peak	257.00	150	Vertical	N/A
3**	5181.000	95.72	--	--	AV	257.00	150	Vertical	N/A
4	7607.750	52.92	74.0	21.08	Peak	238.00	400	Vertical	Pass
4**	7607.750	44.11	54.0	9.89	AV	238.00	400	Vertical	Pass
5	12502.762	53.51	74.0	20.49	Peak	65.00	150	Vertical	Pass
5**	12502.762	44.37	54.0	9.63	AV	65.00	150	Vertical	Pass
6	16119.713	53.74	74.0	20.26	Peak	315.00	300	Vertical	Pass
6**	16119.713	44.87	54.0	9.13	AV	315.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	38.68	74.0	35.32	Peak	300.00	100	Horizontal	Pass
1**	1611.000	30.31	54.0	23.69	AV	300.00	100	Horizontal	Pass
2	4357.500	47.78	74.0	26.22	Peak	108.00	300	Horizontal	Pass
2**	4357.500	37.51	54.0	16.49	AV	108.00	300	Horizontal	Pass
3	5220.500	107.40	--	--	Peak	149.00	200	Horizontal	N/A
3**	5220.500	100.74	--	--	AV	149.00	200	Horizontal	N/A
4	7308.250	52.69	74.0	21.31	Peak	360.00	100	Horizontal	Pass
4**	7308.250	42.93	54.0	11.07	AV	360.00	100	Horizontal	Pass
5	12423.912	53.59	74.0	20.41	Peak	127.00	100	Horizontal	Pass
5**	12423.912	43.96	54.0	10.04	AV	127.00	100	Horizontal	Pass
6	16071.675	53.73	74.0	20.27	Peak	19.00	100	Horizontal	Pass
6**	16071.675	44.04	54.0	9.96	AV	19.00	100	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	1496.300	44.11	74.0	29.89	Peak	145.00	100	Vertical	Pass
1**	1496.300	33.24	54.0	20.76	AV	145.00	100	Vertical	Pass
2	3787.250	47.49	74.0	26.51	Peak	19.00	100	Vertical	Pass
2**	3787.250	37.09	54.0	16.91	AV	19.00	100	Vertical	Pass
3	5219.250	101.37	--	--	Peak	236.00	100	Vertical	N/A
3**	5219.250	94.94	--	--	AV	236.00	100	Vertical	N/A
4	7610.750	53.14	74.0	20.86	Peak	260.00	300	Vertical	Pass
4**	7610.750	45.13	54.0	8.87	AV	260.00	300	Vertical	Pass
5	12473.075	54.16	74.0	19.84	Peak	84.00	100	Vertical	Pass
5**	12473.075	44.69	54.0	9.31	AV	84.00	100	Vertical	Pass
6	16122.599	54.50	74.0	19.50	Peak	360.00	400	Vertical	Pass
6**	16122.599	45.22	54.0	8.78	AV	360.00	400	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	1494.400	40.42	74.0	33.58	Peak	242.00	400	Horizontal	Pass
1**	1494.400	28.80	54.0	25.20	AV	242.00	400	Horizontal	Pass
2	4256.500	47.73	74.0	26.27	Peak	197.00	400	Horizontal	Pass
2**	4256.500	37.54	54.0	16.46	AV	197.00	400	Horizontal	Pass
3	5241.250	107.65	--	--	Peak	176.00	200	Horizontal	N/A
3**	5241.250	100.35	--	--	AV	176.00	200	Horizontal	N/A
4	7608.000	53.02	74.0	20.98	Peak	48.00	100	Horizontal	Pass
4**	7608.000	44.58	54.0	9.42	AV	48.00	100	Horizontal	Pass
5	12510.599	53.39	74.0	20.61	Peak	173.00	100	Horizontal	Pass
5**	12510.599	44.68	54.0	9.32	AV	173.00	100	Horizontal	Pass
6	15646.425	54.17	74.0	19.83	Peak	275.00	400	Horizontal	Pass
6**	15646.425	44.50	54.0	9.50	AV	275.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	44.40	74.0	29.60	Peak	143.00	300	Vertical	Pass
1**	1495.000	33.73	54.0	20.27	AV	143.00	300	Vertical	Pass
2	4225.500	47.23	74.0	26.77	Peak	16.00	100	Vertical	Pass
2**	4225.500	37.30	54.0	16.70	AV	16.00	100	Vertical	Pass
3	5238.750	101.91	--	--	Peak	278.00	100	Vertical	N/A
3**	5238.750	94.47	--	--	AV	278.00	100	Vertical	N/A
4	7616.250	53.19	74.0	20.81	Peak	239.00	100	Vertical	Pass
4**	7616.250	44.38	54.0	9.62	AV	239.00	100	Vertical	Pass
5	12469.037	54.15	74.0	19.85	Peak	344.00	150	Vertical	Pass
5**	12469.037	44.87	54.0	9.13	AV	344.00	150	Vertical	Pass
6	16082.437	54.70	74.0	19.30	Peak	14.00	100	Vertical	Pass
6**	16082.437	44.19	54.0	9.81	AV	14.00	100	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	1498.000	40.31	74.0	33.69	Peak	263.00	300	Horizontal	Pass
1**	1498.000	29.48	54.0	24.52	AV	263.00	300	Horizontal	Pass
2	4387.000	47.23	74.0	26.77	Peak	296.00	300	Horizontal	Pass
2**	4387.000	38.68	54.0	15.32	AV	296.00	300	Horizontal	Pass
3	5191.750	105.21	--	--	Peak	157.00	150	Horizontal	N/A
3**	5191.750	98.20	--	--	AV	157.00	150	Horizontal	N/A
4	7621.500	53.46	74.0	20.54	Peak	315.00	400	Horizontal	Pass
4**	7621.500	43.30	54.0	10.70	AV	315.00	400	Horizontal	Pass
5	12474.500	54.18	74.0	19.82	Peak	137.00	150	Horizontal	Pass
5**	12474.500	44.24	54.0	9.76	AV	137.00	150	Horizontal	Pass
6	16093.987	54.14	74.0	19.86	Peak	189.00	300	Horizontal	Pass
6**	16093.987	45.11	54.0	8.89	AV	189.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	46.06	74.0	27.94	Peak	158.00	200	Vertical	Pass
1**	1495.400	31.00	54.0	23.00	AV	158.00	200	Vertical	Pass
2	4184.500	47.36	74.0	26.64	Peak	17.00	200	Vertical	Pass
2**	4184.500	38.28	54.0	15.72	AV	17.00	200	Vertical	Pass
3	5192.750	99.91	--	--	Peak	206.00	200	Vertical	N/A
3**	5192.750	91.69	--	--	AV	206.00	200	Vertical	N/A
4	7512.750	53.28	74.0	20.72	Peak	0.00	400	Vertical	Pass
4**	7512.750	43.32	54.0	10.68	AV	0.00	400	Vertical	Pass
5	12473.787	53.54	74.0	20.46	Peak	14.00	150	Vertical	Pass
5**	12473.787	44.69	54.0	9.31	AV	14.00	150	Vertical	Pass
6	16158.825	53.79	74.0	20.21	Peak	344.00	300	Vertical	Pass
6**	16158.825	44.62	54.0	9.38	AV	344.00	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	1496.400	39.16	74.0	34.84	Peak	247.00	200	Horizontal	Pass
1**	1496.400	30.15	54.0	23.85	AV	247.00	200	Horizontal	Pass
2	4388.000	46.94	74.0	27.06	Peak	14.00	300	Horizontal	Pass
2**	4388.000	37.90	54.0	16.10	AV	14.00	300	Horizontal	Pass
3	5231.500	105.64	--	--	Peak	147.00	100	Horizontal	N/A
3**	5231.500	98.88	--	--	AV	147.00	100	Horizontal	N/A
4	7593.000	52.71	74.0	21.29	Peak	147.00	100	Horizontal	Pass
4**	7593.000	43.94	54.0	10.06	AV	147.00	100	Horizontal	Pass
5	12518.674	53.78	74.0	20.22	Peak	194.00	100	Horizontal	Pass
5**	12518.674	44.63	54.0	9.37	AV	194.00	100	Horizontal	Pass
6	16129.424	54.83	74.0	19.17	Peak	14.00	200	Horizontal	Pass
6**	16129.424	45.00	54.0	9.00	AV	14.00	200	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	1500.300	41.85	74.0	32.15	Peak	143.00	200	Vertical	Pass
1**	1500.300	30.69	54.0	23.31	AV	143.00	200	Vertical	Pass
2	4350.250	47.09	74.0	26.91	Peak	328.00	300	Vertical	Pass
2**	4350.250	38.53	54.0	15.47	AV	328.00	300	Vertical	Pass
3	5226.750	99.30	--	--	Peak	236.00	150	Vertical	N/A
3**	5226.750	91.53	--	--	AV	236.00	150	Vertical	N/A
4	7695.750	53.30	74.0	20.70	Peak	350.00	400	Vertical	Pass
4**	7695.750	43.55	54.0	10.45	AV	350.00	400	Vertical	Pass
5	12456.212	53.95	74.0	20.05	Peak	342.00	100	Vertical	Pass
5**	12456.212	44.26	54.0	9.74	AV	342.00	100	Vertical	Pass
6	16153.312	53.85	74.0	20.15	Peak	18.00	100	Vertical	Pass
6**	16153.312	44.01	54.0	9.99	AV	18.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.64	74.0	34.36	Peak	194.00	400	Horizontal	Pass
1**	1500.100	29.31	54.0	24.69	AV	194.00	400	Horizontal	Pass
2	4255.000	47.81	74.0	26.19	Peak	160.00	300	Horizontal	Pass
2**	4255.000	37.68	54.0	16.32	AV	160.00	300	Horizontal	Pass
3	5215.000	102.25	--	--	Peak	140.00	200	Horizontal	N/A
3**	5215.000	94.84	--	--	AV	140.00	200	Horizontal	N/A
4	7602.250	52.84	74.0	21.16	Peak	0.00	300	Horizontal	Pass
4**	7602.250	43.66	54.0	10.34	AV	0.00	300	Horizontal	Pass
5	12490.888	53.19	74.0	20.81	Peak	256.00	100	Horizontal	Pass
5**	12490.888	44.85	54.0	9.15	AV	256.00	100	Horizontal	Pass
6	16145.438	54.38	74.0	19.62	Peak	0.00	400	Horizontal	Pass
6**	16145.438	45.05	54.0	8.95	AV	0.00	400	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	1495.200	42.60	74.0	31.40	Peak	159.00	100	Vertical	Pass
1**	1495.200	33.28	54.0	20.72	AV	159.00	100	Vertical	Pass
2	4314.000	47.24	74.0	26.76	Peak	121.00	100	Vertical	Pass
2**	4314.000	38.24	54.0	15.76	AV	121.00	100	Vertical	Pass
3	5204.250	96.01	--	--	Peak	225.00	150	Vertical	N/A
3**	5204.250	88.59	--	--	AV	225.00	150	Vertical	N/A
4	7615.000	53.09	74.0	20.91	Peak	142.00	100	Vertical	Pass
4**	7615.000	43.77	54.0	10.23	AV	142.00	100	Vertical	Pass
5	12523.187	54.14	74.0	19.86	Peak	360.00	150	Vertical	Pass
5**	12523.187	44.79	54.0	9.21	AV	360.00	150	Vertical	Pass
6	15890.813	53.93	74.0	20.07	Peak	342.00	300	Vertical	Pass
6**	15890.813	44.57	54.0	9.43	AV	342.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.300	39.37	74.0	34.63	Peak	208.00	200	Horizontal	Pass
1**	1484.300	30.39	54.0	23.61	AV	208.00	200	Horizontal	Pass
2	4350.250	46.94	74.0	27.06	Peak	267.00	100	Horizontal	Pass
2**	4350.250	37.91	54.0	16.09	AV	267.00	100	Horizontal	Pass
3	5258.750	108.23	--	--	Peak	143.00	100	Horizontal	N/A
3**	5258.750	101.95	--	--	AV	143.00	100	Horizontal	N/A
4	7713.250	53.13	74.0	20.87	Peak	15.00	300	Horizontal	Pass
4**	7713.250	43.04	54.0	10.96	AV	15.00	300	Horizontal	Pass
5	12466.900	54.05	74.0	19.95	Peak	232.00	200	Horizontal	Pass
5**	12466.900	44.02	54.0	9.98	AV	232.00	200	Horizontal	Pass
6	16085.588	54.01	74.0	19.99	Peak	38.00	400	Horizontal	Pass
6**	16085.588	44.98	54.0	9.02	AV	38.00	400	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	1495.200	42.82	74.0	31.18	Peak	139.00	200	Vertical	Pass
1**	1495.200	30.36	54.0	23.64	AV	139.00	200	Vertical	Pass
2	4262.250	47.13	74.0	26.87	Peak	0.00	100	Vertical	Pass
2**	4262.250	38.51	54.0	15.49	AV	0.00	100	Vertical	Pass
3	5259.250	102.94	--	--	Peak	271.00	100	Vertical	N/A
3**	5259.250	95.94	--	--	AV	271.00	100	Vertical	N/A
4	7610.750	52.94	74.0	21.06	Peak	63.00	400	Vertical	Pass
4**	7610.750	44.03	54.0	9.97	AV	63.00	400	Vertical	Pass
5	12531.262	53.63	74.0	20.37	Peak	256.00	200	Vertical	Pass
5**	12531.262	43.75	54.0	10.25	AV	256.00	200	Vertical	Pass
6	16123.388	55.20	74.0	18.80	Peak	48.00	200	Vertical	Pass
6**	16123.388	45.18	54.0	8.82	AV	48.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.200	38.52	74.0	35.48	Peak	49.00	400	Horizontal	Pass
1**	1538.200	28.37	54.0	25.63	AV	49.00	400	Horizontal	Pass
2	4043.250	47.06	74.0	26.94	Peak	44.00	100	Horizontal	Pass
2**	4043.250	37.10	54.0	16.90	AV	44.00	100	Horizontal	Pass
3	5299.250	109.56	--	--	Peak	150.00	100	Horizontal	N/A
3**	5299.250	102.74	--	--	AV	150.00	100	Horizontal	N/A
4	7711.000	53.41	74.0	20.59	Peak	339.00	200	Horizontal	Pass
4**	7711.000	43.56	54.0	10.44	AV	339.00	200	Horizontal	Pass
5	12436.500	53.36	74.0	20.64	Peak	151.00	200	Horizontal	Pass
5**	12436.500	43.56	54.0	10.44	AV	151.00	200	Horizontal	Pass
6	16092.151	54.12	74.0	19.88	Peak	130.00	200	Horizontal	Pass
6**	16092.151	45.37	54.0	8.63	AV	130.00	200	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	1497.100	42.20	74.0	31.80	Peak	156.00	300	Vertical	Pass
1**	1497.100	30.02	54.0	23.98	AV	156.00	300	Vertical	Pass
2	4246.750	47.15	74.0	26.85	Peak	38.00	400	Vertical	Pass
2**	4246.750	37.67	54.0	16.33	AV	38.00	400	Vertical	Pass
3	5299.000	104.10	--	--	Peak	269.00	150	Vertical	N/A
3**	5299.000	96.62	--	--	AV	269.00	150	Vertical	N/A
4	7577.500	53.09	74.0	20.91	Peak	17.00	100	Vertical	Pass
4**	7577.500	43.32	54.0	10.68	AV	17.00	100	Vertical	Pass
5	12465.950	53.50	74.0	20.50	Peak	360.00	100	Vertical	Pass
5**	12465.950	44.36	54.0	9.64	AV	360.00	100	Vertical	Pass
6	16126.012	54.23	74.0	19.77	Peak	213.00	400	Vertical	Pass
6**	16126.012	44.80	54.0	9.20	AV	213.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	38.83	74.0	35.17	Peak	250.00	100	Horizontal	Pass
1**	1500.200	29.30	54.0	24.70	AV	250.00	100	Horizontal	Pass
2	4354.000	46.80	74.0	27.20	Peak	116.00	300	Horizontal	Pass
2**	4354.000	37.62	54.0	16.38	AV	116.00	300	Horizontal	Pass
3	5320.500	108.83	--	--	Peak	136.00	200	Horizontal	N/A
3**	5320.500	102.17	--	--	AV	136.00	200	Horizontal	N/A
4	7597.250	52.89	74.0	21.11	Peak	0.00	200	Horizontal	Pass
4**	7597.250	44.53	54.0	9.47	AV	0.00	200	Horizontal	Pass
5	12518.912	53.42	74.0	20.58	Peak	50.00	100	Horizontal	Pass
5**	12518.912	44.88	54.0	9.12	AV	50.00	100	Horizontal	Pass
6	16122.863	54.25	74.0	19.75	Peak	342.00	200	Horizontal	Pass
6**	16122.863	45.14	54.0	8.86	AV	342.00	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	1499.900	42.45	74.0	31.55	Peak	162.00	100	Vertical	Pass
1**	1499.900	32.21	54.0	21.79	AV	162.00	100	Vertical	Pass
2	4304.000	46.61	74.0	27.39	Peak	0.00	400	Vertical	Pass
2**	4304.000	37.69	54.0	16.31	AV	0.00	400	Vertical	Pass
3	5319.000	104.37	--	--	Peak	269.00	200	Vertical	N/A
3**	5319.000	96.89	--	--	AV	269.00	200	Vertical	N/A
4	7704.750	53.12	74.0	20.88	Peak	310.00	400	Vertical	Pass
4**	7704.750	43.63	54.0	10.37	AV	310.00	400	Vertical	Pass
5	12470.700	54.04	74.0	19.96	Peak	18.00	150	Vertical	Pass
5**	12470.700	44.83	54.0	9.17	AV	18.00	150	Vertical	Pass
6	16128.113	53.71	74.0	20.29	Peak	160.00	400	Vertical	Pass
6**	16128.113	44.81	54.0	9.19	AV	160.00	400	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	1497.100	40.12	74.0	33.88	Peak	247.00	200	Horizontal	Pass
1**	1497.100	31.98	54.0	22.02	AV	247.00	200	Horizontal	Pass
2	4355.000	47.33	74.0	26.67	Peak	312.00	400	Horizontal	Pass
2**	4355.000	37.76	54.0	16.24	AV	312.00	400	Horizontal	Pass
3	5260.250	108.48	--	--	Peak	150.00	200	Horizontal	N/A
3**	5260.250	101.23	--	--	AV	150.00	200	Horizontal	N/A
4	7346.500	53.20	74.0	20.80	Peak	84.00	200	Horizontal	Pass
4**	7346.500	43.12	54.0	10.88	AV	84.00	200	Horizontal	Pass
5	12442.438	53.27	74.0	20.73	Peak	295.00	100	Horizontal	Pass
5**	12442.438	43.64	54.0	10.36	AV	295.00	100	Horizontal	Pass
6	16080.338	54.44	74.0	19.56	Peak	301.00	400	Horizontal	Pass
6**	16080.338	44.84	54.0	9.16	AV	301.00	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	1496.700	43.62	74.0	30.38	Peak	162.00	100	Vertical	Pass
1**	1496.700	34.55	54.0	19.45	AV	162.00	100	Vertical	Pass
2	4177.250	47.12	74.0	26.88	Peak	344.00	300	Vertical	Pass
2**	4177.250	37.75	54.0	16.25	AV	344.00	300	Vertical	Pass
3	5259.250	102.85	--	--	Peak	216.00	200	Vertical	N/A
3**	5259.250	95.91	--	--	AV	216.00	200	Vertical	N/A
4	7462.750	53.15	74.0	20.85	Peak	288.00	100	Vertical	Pass
4**	7462.750	43.00	54.0	11.00	AV	288.00	100	Vertical	Pass
5	12479.725	53.34	74.0	20.66	Peak	352.00	200	Vertical	Pass
5**	12479.725	44.71	54.0	9.29	AV	352.00	200	Vertical	Pass
6	16100.025	54.36	74.0	19.64	Peak	41.00	300	Vertical	Pass
6**	16100.025	45.22	54.0	8.78	AV	41.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	39.80	74.0	34.20	Peak	243.00	300	Horizontal	Pass
1**	1493.300	28.88	54.0	25.12	AV	243.00	300	Horizontal	Pass
2	4221.750	46.59	74.0	27.41	Peak	162.00	300	Horizontal	Pass
2**	4221.750	37.39	54.0	16.61	AV	162.00	300	Horizontal	Pass
3	5300.750	109.06	--	--	Peak	142.00	200	Horizontal	N/A
3**	5300.750	103.02	--	--	AV	142.00	200	Horizontal	N/A
4	7584.500	53.74	74.0	20.26	Peak	245.00	300	Horizontal	Pass
4**	7584.500	43.82	54.0	10.18	AV	245.00	300	Horizontal	Pass
5	12465.000	53.25	74.0	20.75	Peak	360.00	100	Horizontal	Pass
5**	12465.000	43.88	54.0	10.12	AV	360.00	100	Horizontal	Pass
6	16067.213	54.20	74.0	19.80	Peak	248.00	400	Horizontal	Pass
6**	16067.213	45.33	54.0	8.67	AV	248.00	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	1493.100	42.52	74.0	31.48	Peak	158.00	200	Vertical	Pass
1**	1493.100	31.45	54.0	22.55	AV	158.00	200	Vertical	Pass
2	4270.500	46.76	74.0	27.24	Peak	5.00	100	Vertical	Pass
2**	4270.500	38.11	54.0	15.89	AV	5.00	100	Vertical	Pass
3	5299.250	104.09	--	--	Peak	245.00	150	Vertical	N/A
3**	5299.250	97.58	--	--	AV	245.00	150	Vertical	N/A
4	7731.750	52.43	74.0	21.57	Peak	131.00	100	Vertical	Pass
4**	7731.750	42.06	54.0	11.94	AV	131.00	100	Vertical	Pass
5	12486.850	53.68	74.0	20.32	Peak	357.00	150	Vertical	Pass
5**	12486.850	44.23	54.0	9.77	AV	357.00	150	Vertical	Pass
6	16122.599	53.91	74.0	20.09	Peak	341.00	300	Vertical	Pass
6**	16122.599	45.11	54.0	8.89	AV	341.00	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	1495.600	38.38	74.0	35.62	Peak	257.00	200	Horizontal	Pass
1**	1495.600	29.07	54.0	24.93	AV	257.00	200	Horizontal	Pass
2	4210.000	47.34	74.0	26.66	Peak	246.00	200	Horizontal	Pass
2**	4210.000	37.12	54.0	16.88	AV	246.00	200	Horizontal	Pass
3	5319.250	108.54	--	--	Peak	139.00	100	Horizontal	N/A
3**	5319.250	102.00	--	--	AV	139.00	100	Horizontal	N/A
4	7553.250	53.00	74.0	21.00	Peak	160.00	300	Horizontal	Pass
4**	7553.250	42.77	54.0	11.23	AV	160.00	300	Horizontal	Pass
5	12519.625	53.88	74.0	20.12	Peak	326.00	200	Horizontal	Pass
5**	12519.625	44.96	54.0	9.04	AV	326.00	200	Horizontal	Pass
6	16101.862	54.15	74.0	19.85	Peak	232.00	400	Horizontal	Pass
6**	16101.862	45.17	54.0	8.83	AV	232.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	43.03	74.0	30.97	Peak	153.00	400	Vertical	Pass
1**	1494.500	29.24	54.0	24.76	AV	153.00	400	Vertical	Pass
2	4177.500	47.60	74.0	26.40	Peak	225.00	200	Vertical	Pass
2**	4177.500	36.56	54.0	17.44	AV	225.00	200	Vertical	Pass
3	5320.750	104.68	--	--	Peak	266.00	100	Vertical	N/A
3**	5320.750	98.36	--	--	AV	266.00	100	Vertical	N/A
4	7408.250	52.98	74.0	21.02	Peak	177.00	300	Vertical	Pass
4**	7408.250	43.01	54.0	10.99	AV	177.00	300	Vertical	Pass
5	12516.537	53.40	74.0	20.60	Peak	16.00	200	Vertical	Pass
5**	12516.537	45.39	54.0	8.61	AV	16.00	200	Vertical	Pass
6	16117.613	53.84	74.0	20.16	Peak	109.00	300	Vertical	Pass
6**	16117.613	45.00	54.0	9.00	AV	109.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	40.50	74.0	33.50	Peak	245.00	100	Horizontal	Pass
1**	1495.400	29.15	54.0	24.85	AV	245.00	100	Horizontal	Pass
2	4399.500	46.97	74.0	27.03	Peak	253.00	100	Horizontal	Pass
2**	4399.500	38.28	54.0	15.72	AV	253.00	100	Horizontal	Pass
3	5272.750	105.97	--	--	Peak	124.00	150	Horizontal	N/A
3**	5272.750	98.67	--	--	AV	124.00	150	Horizontal	N/A
4	7618.500	52.96	74.0	21.04	Peak	81.00	200	Horizontal	Pass
4**	7618.500	44.57	54.0	9.43	AV	81.00	200	Horizontal	Pass
5	12500.388	53.67	74.0	20.33	Peak	265.00	200	Horizontal	Pass
5**	12500.388	44.23	54.0	9.77	AV	265.00	200	Horizontal	Pass
6	16097.925	54.13	74.0	19.87	Peak	181.00	300	Horizontal	Pass
6**	16097.925	44.91	54.0	9.09	AV	181.00	300	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	1496.800	42.92	74.0	31.08	Peak	159.00	300	Vertical	Pass
1**	1496.800	31.64	54.0	22.36	AV	159.00	300	Vertical	Pass
2	4364.500	47.36	74.0	26.64	Peak	167.00	200	Vertical	Pass
2**	4364.500	38.52	54.0	15.48	AV	167.00	200	Vertical	Pass
3	5272.750	100.01	--	--	Peak	267.00	150	Vertical	N/A
3**	5272.750	92.95	--	--	AV	267.00	150	Vertical	N/A
4	7518.750	53.66	74.0	20.34	Peak	147.00	100	Vertical	Pass
4**	7518.750	43.33	54.0	10.67	AV	147.00	100	Vertical	Pass
5	12464.525	53.40	74.0	20.60	Peak	302.00	100	Vertical	Pass
5**	12464.525	44.62	54.0	9.38	AV	302.00	100	Vertical	Pass
6	16093.725	53.57	74.0	20.43	Peak	275.00	100	Vertical	Pass
6**	16093.725	44.51	54.0	9.49	AV	275.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.600	38.51	74.0	35.49	Peak	52.00	400	Horizontal	Pass
1**	1615.600	29.39	54.0	24.61	AV	52.00	400	Horizontal	Pass
2	4280.500	46.97	74.0	27.03	Peak	296.00	100	Horizontal	Pass
2**	4280.500	37.88	54.0	16.12	AV	296.00	100	Horizontal	Pass
3	5311.500	106.07	--	--	Peak	159.00	100	Horizontal	N/A
3**	5311.500	97.80	--	--	AV	159.00	100	Horizontal	N/A
4	7420.750	53.33	74.0	20.67	Peak	251.00	200	Horizontal	Pass
4**	7420.750	43.58	54.0	10.42	AV	251.00	200	Horizontal	Pass
5	12521.287	53.54	74.0	20.46	Peak	23.00	200	Horizontal	Pass
5**	12521.287	44.62	54.0	9.38	AV	23.00	200	Horizontal	Pass
6	16070.100	54.18	74.0	19.82	Peak	298.00	400	Horizontal	Pass
6**	16070.100	45.08	54.0	8.92	AV	298.00	400	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	1499.000	42.64	74.0	31.36	Peak	151.00	400	Vertical	Pass
1**	1499.000	30.78	54.0	23.22	AV	151.00	400	Vertical	Pass
2	4394.750	47.99	74.0	26.01	Peak	182.00	400	Vertical	Pass
2**	4394.750	38.67	54.0	15.33	AV	182.00	400	Vertical	Pass
3	5311.500	100.29	--	--	Peak	205.00	100	Vertical	N/A
3**	5311.500	92.88	--	--	AV	205.00	100	Vertical	N/A
4	7678.250	54.38	74.0	19.62	Peak	22.00	200	Vertical	Pass
4**	7678.250	44.17	54.0	9.83	AV	22.00	200	Vertical	Pass
5	12475.450	53.48	74.0	20.52	Peak	166.00	100	Vertical	Pass
5**	12475.450	45.05	54.0	8.95	AV	166.00	100	Vertical	Pass
6	15897.638	53.78	74.0	20.22	Peak	337.00	300	Vertical	Pass
6**	15897.638	45.03	54.0	8.97	AV	337.00	300	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	1624.600	38.98	74.0	35.02	Peak	73.00	200	Horizontal	Pass
1**	1624.600	29.26	54.0	24.74	AV	73.00	200	Horizontal	Pass
2	4262.500	46.85	74.0	27.15	Peak	360.00	400	Horizontal	Pass
2**	4262.500	38.31	54.0	15.69	AV	360.00	400	Horizontal	Pass
3	5259.250	107.57	--	--	Peak	180.00	200	Horizontal	N/A
3**	5259.250	101.18	--	--	AV	180.00	200	Horizontal	N/A
4	7701.750	52.97	74.0	21.03	Peak	316.00	100	Horizontal	Pass
4**	7701.750	43.11	54.0	10.89	AV	316.00	100	Horizontal	Pass
5	12461.912	53.29	74.0	20.71	Peak	51.00	150	Horizontal	Pass
5**	12461.912	44.82	54.0	9.18	AV	51.00	150	Horizontal	Pass
6	16072.724	53.85	74.0	20.15	Peak	21.00	300	Horizontal	Pass
6**	16072.724	44.36	54.0	9.64	AV	21.00	300	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	1498.600	43.18	74.0	30.82	Peak	148.00	200	Vertical	Pass
1**	1498.600	32.20	54.0	21.80	AV	148.00	200	Vertical	Pass
2	4242.000	46.82	74.0	27.18	Peak	198.00	300	Vertical	Pass
2**	4242.000	37.36	54.0	16.64	AV	198.00	300	Vertical	Pass
3	5259.000	101.28	--	--	Peak	270.00	100	Vertical	N/A
3**	5259.000	93.72	--	--	AV	270.00	100	Vertical	N/A
4	7615.500	52.86	74.0	21.14	Peak	317.00	300	Vertical	Pass
4**	7615.500	44.98	54.0	9.02	AV	317.00	300	Vertical	Pass
5	12482.575	53.74	74.0	20.26	Peak	256.00	150	Vertical	Pass
5**	12482.575	44.46	54.0	9.54	AV	256.00	150	Vertical	Pass
6	16136.250	54.15	74.0	19.85	Peak	19.00	400	Vertical	Pass
6**	16136.250	44.95	54.0	9.05	AV	19.00	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	1496.300	41.97	74.0	32.03	Peak	240.00	200	Horizontal	Pass
1**	1496.300	28.81	54.0	25.19	AV	240.00	200	Horizontal	Pass
2	4262.250	47.08	74.0	26.92	Peak	0.00	100	Horizontal	Pass
2**	4262.250	37.97	54.0	16.03	AV	0.00	100	Horizontal	Pass
3	5299.000	108.52	--	--	Peak	165.00	200	Horizontal	N/A
3**	5299.000	101.62	--	--	AV	165.00	200	Horizontal	N/A
4	7624.000	53.26	74.0	20.74	Peak	145.00	300	Horizontal	Pass
4**	7624.000	43.34	54.0	10.66	AV	145.00	300	Horizontal	Pass
5	12469.037	53.50	74.0	20.50	Peak	145.00	200	Horizontal	Pass
5**	12469.037	45.04	54.0	8.96	AV	145.00	200	Horizontal	Pass
6	16124.174	54.81	74.0	19.19	Peak	295.00	100	Horizontal	Pass
6**	16124.174	45.45	54.0	8.55	AV	295.00	100	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	1494.000	45.39	74.0	28.61	Peak	153.00	300	Vertical	Pass
1**	1494.000	36.54	54.0	17.46	AV	153.00	300	Vertical	Pass
2	4357.000	47.48	74.0	26.52	Peak	19.00	400	Vertical	Pass
2**	4357.000	37.94	54.0	16.06	AV	19.00	400	Vertical	Pass
3	5299.000	102.92	--	--	Peak	266.00	200	Vertical	N/A
3**	5299.000	96.41	--	--	AV	266.00	200	Vertical	N/A
4	7657.500	52.55	74.0	21.45	Peak	162.00	100	Vertical	Pass
4**	7657.500	43.01	54.0	10.99	AV	162.00	100	Vertical	Pass
5	12509.175	53.70	74.0	20.30	Peak	53.00	100	Vertical	Pass
5**	12509.175	45.83	54.0	8.17	AV	53.00	100	Vertical	Pass
6	15931.237	54.03	74.0	19.97	Peak	201.00	100	Vertical	Pass
6**	15931.237	44.46	54.0	9.54	AV	201.00	100	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	1545.300	49.76	74.0	24.24	Peak	194.00	300	Horizontal	Pass
1**	1545.300	28.27	54.0	25.73	AV	194.00	300	Horizontal	Pass
2	4387.000	46.84	74.0	27.16	Peak	0.00	200	Horizontal	Pass
2**	4387.000	37.80	54.0	16.20	AV	0.00	200	Horizontal	Pass
3	5319.000	108.09	--	--	Peak	126.00	100	Horizontal	N/A
3**	5319.000	101.24	--	--	AV	126.00	100	Horizontal	N/A
4	7704.000	52.89	74.0	21.11	Peak	0.00	100	Horizontal	Pass
4**	7704.000	43.32	54.0	10.68	AV	0.00	100	Horizontal	Pass
5	12509.887	53.95	74.0	20.05	Peak	243.00	200	Horizontal	Pass
5**	12509.887	45.31	54.0	8.69	AV	243.00	200	Horizontal	Pass
6	16132.575	54.23	74.0	19.77	Peak	339.00	400	Horizontal	Pass
6**	16132.575	44.86	54.0	9.14	AV	339.00	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	1496.400	44.46	74.0	29.54	Peak	153.00	100	Vertical	Pass
1**	1496.400	34.00	54.0	20.00	AV	153.00	100	Vertical	Pass
2	4349.500	47.53	74.0	26.47	Peak	339.00	400	Vertical	Pass
2**	4349.500	39.36	54.0	14.64	AV	339.00	400	Vertical	Pass
3	5321.000	102.44	--	--	Peak	204.00	200	Vertical	N/A
3**	5321.000	96.97	--	--	AV	204.00	200	Vertical	N/A
4	7591.000	52.76	74.0	21.24	Peak	182.00	400	Vertical	Pass
4**	7591.000	43.84	54.0	10.16	AV	182.00	400	Vertical	Pass
5	12511.787	53.90	74.0	20.10	Peak	23.00	100	Vertical	Pass
5**	12511.787	44.38	54.0	9.62	AV	23.00	100	Vertical	Pass
6	15907.088	54.33	74.0	19.67	Peak	68.00	100	Vertical	Pass
6**	15907.088	45.06	54.0	8.94	AV	68.00	100	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	1495.200	39.35	74.0	34.65	Peak	78.00	100	Horizontal	Pass
1**	1495.200	29.25	54.0	24.75	AV	78.00	100	Horizontal	Pass
2	4294.000	47.03	74.0	26.97	Peak	226.00	100	Horizontal	Pass
2**	4294.000	38.03	54.0	15.97	AV	226.00	100	Horizontal	Pass
3	5272.500	105.70	--	--	Peak	145.00	150	Horizontal	N/A
3**	5272.500	98.52	--	--	AV	145.00	150	Horizontal	N/A
4	7593.250	53.53	74.0	20.47	Peak	267.00	200	Horizontal	Pass
4**	7593.250	44.04	54.0	9.96	AV	267.00	200	Horizontal	Pass
5	12479.487	53.25	74.0	20.75	Peak	244.00	150	Horizontal	Pass
5**	12479.487	45.00	54.0	9.00	AV	244.00	150	Horizontal	Pass
6	16149.900	54.42	74.0	19.58	Peak	360.00	200	Horizontal	Pass
6**	16149.900	45.28	54.0	8.72	AV	360.00	200	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	1497.700	43.52	74.0	30.48	Peak	156.00	100	Vertical	Pass
1**	1497.700	30.35	54.0	23.65	AV	156.00	100	Vertical	Pass
2	4286.500	47.93	74.0	26.07	Peak	14.00	200	Vertical	Pass
2**	4286.500	37.99	54.0	16.01	AV	14.00	200	Vertical	Pass
3	5273.750	100.19	--	--	Peak	266.00	200	Vertical	N/A
3**	5273.750	92.14	--	--	AV	266.00	200	Vertical	N/A
4	7625.500	53.33	74.0	20.67	Peak	56.00	300	Vertical	Pass
4**	7625.500	43.86	54.0	10.14	AV	56.00	300	Vertical	Pass
5	12471.175	54.11	74.0	19.89	Peak	52.00	200	Vertical	Pass
5**	12471.175	45.45	54.0	8.55	AV	52.00	200	Vertical	Pass
6	15889.500	54.05	74.0	19.95	Peak	72.00	300	Vertical	Pass
6**	15889.500	45.52	54.0	8.48	AV	72.00	300	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	1494.400	39.45	74.0	34.55	Peak	246.00	100	Horizontal	Pass
1**	1494.400	28.88	54.0	25.12	AV	246.00	100	Horizontal	Pass
2	4373.250	46.97	74.0	27.03	Peak	230.00	300	Horizontal	Pass
2**	4373.250	37.89	54.0	16.11	AV	230.00	300	Horizontal	Pass
3	5311.250	106.50	--	--	Peak	130.00	200	Horizontal	N/A
3**	5311.250	98.05	--	--	AV	130.00	200	Horizontal	N/A
4	7573.250	52.90	74.0	21.10	Peak	0.00	100	Horizontal	Pass
4**	7573.250	42.88	54.0	11.12	AV	0.00	100	Horizontal	Pass
5	12506.563	53.69	74.0	20.31	Peak	355.00	150	Horizontal	Pass
5**	12506.563	44.39	54.0	9.61	AV	355.00	150	Horizontal	Pass
6	15683.963	54.31	74.0	19.69	Peak	32.00	100	Horizontal	Pass
6**	15683.963	44.30	54.0	9.70	AV	32.00	100	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	1497.600	42.14	74.0	31.86	Peak	149.00	300	Vertical	Pass
1**	1497.600	30.32	54.0	23.68	AV	149.00	300	Vertical	Pass
2	4246.500	47.22	74.0	26.78	Peak	0.00	300	Vertical	Pass
2**	4246.500	38.49	54.0	15.51	AV	0.00	300	Vertical	Pass
3	5308.000	100.56	--	--	Peak	262.00	100	Vertical	N/A
3**	5308.000	92.74	--	--	AV	262.00	100	Vertical	N/A
4	7356.750	53.44	74.0	20.56	Peak	360.00	400	Vertical	Pass
4**	7356.750	44.43	54.0	9.57	AV	360.00	400	Vertical	Pass
5	12474.263	54.33	74.0	19.67	Peak	306.00	100	Vertical	Pass
5**	12474.263	45.12	54.0	8.88	AV	306.00	100	Vertical	Pass
6	16140.188	53.77	74.0	20.23	Peak	337.00	300	Vertical	Pass
6**	16140.188	44.76	54.0	9.24	AV	337.00	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	1512.100	38.72	74.0	35.28	Peak	216.00	100	Horizontal	Pass
1**	1512.100	29.45	54.0	24.55	AV	216.00	100	Horizontal	Pass
2	4321.000	47.16	74.0	26.84	Peak	306.00	400	Horizontal	Pass
2**	4321.000	38.12	54.0	15.88	AV	306.00	400	Horizontal	Pass
3	5293.750	103.01	--	--	Peak	180.00	200	Horizontal	N/A
3**	5293.750	95.65	--	--	AV	180.00	200	Horizontal	N/A
4	7610.250	53.23	74.0	20.77	Peak	52.00	200	Horizontal	Pass
4**	7610.250	43.92	54.0	10.08	AV	52.00	200	Horizontal	Pass
5	12490.174	53.27	74.0	20.73	Peak	256.00	150	Horizontal	Pass
5**	12490.174	44.74	54.0	9.26	AV	256.00	150	Horizontal	Pass
6	15654.300	54.03	74.0	19.97	Peak	123.00	300	Horizontal	Pass
6**	15654.300	45.30	54.0	8.70	AV	123.00	300	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	1495.400	43.92	74.0	30.08	Peak	147.00	200	Vertical	Pass
1**	1495.400	30.20	54.0	23.80	AV	147.00	200	Vertical	Pass
2	4260.000	46.88	74.0	27.12	Peak	18.00	300	Vertical	Pass
2**	4260.000	37.96	54.0	16.04	AV	18.00	300	Vertical	Pass
3	5296.000	96.37	--	--	Peak	241.00	100	Vertical	N/A
3**	5296.000	89.21	--	--	AV	241.00	100	Vertical	N/A
4	7713.000	53.13	74.0	20.87	Peak	137.00	200	Vertical	Pass
4**	7713.000	43.77	54.0	10.23	AV	137.00	200	Vertical	Pass
5	12483.287	53.47	74.0	20.53	Peak	17.00	150	Vertical	Pass
5**	12483.287	44.81	54.0	9.19	AV	17.00	150	Vertical	Pass
6	15869.813	54.22	74.0	19.78	Peak	18.00	400	Vertical	Pass
6**	15869.813	43.61	54.0	10.39	AV	18.00	400	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	1496.600	38.74	74.0	35.26	Peak	245.00	200	Horizontal	Pass
1**	1496.600	30.21	54.0	23.79	AV	245.00	200	Horizontal	Pass
2	4335.500	47.46	74.0	26.54	Peak	340.00	400	Horizontal	Pass
2**	4335.500	38.05	54.0	15.95	AV	340.00	400	Horizontal	Pass
3	5499.000	109.20	--	--	Peak	176.00	200	Horizontal	N/A
3**	5499.000	101.84	--	--	AV	176.00	200	Horizontal	N/A
4	7612.500	52.97	74.0	21.03	Peak	319.00	200	Horizontal	Pass
4**	7612.500	43.88	54.0	10.12	AV	319.00	200	Horizontal	Pass
5	12438.875	53.69	74.0	20.31	Peak	41.00	200	Horizontal	Pass
5**	12438.875	43.94	54.0	10.06	AV	41.00	200	Horizontal	Pass
6	16124.963	53.87	74.0	20.13	Peak	336.00	100	Horizontal	Pass
6**	16124.963	45.26	54.0	8.74	AV	336.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.300	43.18	74.0	30.82	Peak	159.00	200	Vertical	Pass
1**	1498.300	31.12	54.0	22.88	AV	159.00	200	Vertical	Pass
2	4374.500	48.12	74.0	25.88	Peak	341.00	100	Vertical	Pass
2**	4374.500	37.80	54.0	16.20	AV	341.00	100	Vertical	Pass
3	5499.000	102.57	--	--	Peak	300.00	200	Vertical	N/A
3**	5499.000	96.19	--	--	AV	300.00	200	Vertical	N/A
4	7705.000	52.62	74.0	21.38	Peak	113.00	200	Vertical	Pass
4**	7705.000	44.05	54.0	9.95	AV	113.00	200	Vertical	Pass
5	12477.587	54.01	74.0	19.99	Peak	140.00	150	Vertical	Pass
5**	12477.587	44.88	54.0	9.12	AV	140.00	150	Vertical	Pass
6	16144.388	54.30	74.0	19.70	Peak	115.00	300	Vertical	Pass
6**	16144.388	44.63	54.0	9.37	AV	115.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.800	39.82	74.0	34.18	Peak	188.00	400	Horizontal	Pass
1**	1494.800	28.27	54.0	25.73	AV	188.00	400	Horizontal	Pass
2	4123.250	47.25	74.0	26.75	Peak	288.00	100	Horizontal	Pass
2**	4123.250	37.28	54.0	16.72	AV	288.00	100	Horizontal	Pass
3	5579.000	108.85	--	--	Peak	147.00	150	Horizontal	N/A
3**	5579.000	101.43	--	--	AV	147.00	150	Horizontal	N/A
4	7347.250	54.17	74.0	19.83	Peak	247.00	300	Horizontal	Pass
4**	7347.250	43.98	54.0	10.02	AV	247.00	300	Horizontal	Pass
5	12443.150	53.78	74.0	20.22	Peak	244.00	200	Horizontal	Pass
5**	12443.150	44.65	54.0	9.35	AV	244.00	200	Horizontal	Pass
6	16190.063	53.64	74.0	20.36	Peak	262.00	400	Horizontal	Pass
6**	16190.063	43.58	54.0	10.42	AV	262.00	400	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	1494.500	43.18	74.0	30.82	Peak	146.00	200	Vertical	Pass
1**	1494.500	28.53	54.0	25.47	AV	146.00	200	Vertical	Pass
2	4243.000	47.26	74.0	26.74	Peak	132.00	300	Vertical	Pass
2**	4243.000	37.56	54.0	16.44	AV	132.00	300	Vertical	Pass
3	5579.500	103.09	--	--	Peak	132.00	150	Vertical	N/A
3**	5579.500	96.08	--	--	AV	132.00	150	Vertical	N/A
4	7601.500	53.58	74.0	20.42	Peak	191.00	400	Vertical	Pass
4**	7601.500	44.33	54.0	9.67	AV	191.00	400	Vertical	Pass
5	12444.338	53.56	74.0	20.44	Peak	18.00	150	Vertical	Pass
5**	12444.338	44.24	54.0	9.76	AV	18.00	150	Vertical	Pass
6	16154.100	54.43	74.0	19.57	Peak	178.00	100	Vertical	Pass
6**	16154.100	44.59	54.0	9.41	AV	178.00	100	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	1497.800	40.80	74.0	33.20	Peak	243.00	300	Horizontal	Pass
1**	1497.800	31.44	54.0	22.56	AV	243.00	300	Horizontal	Pass
2	4291.250	47.61	74.0	26.39	Peak	269.00	300	Horizontal	Pass
2**	4291.250	37.88	54.0	16.12	AV	269.00	300	Horizontal	Pass
3	5701.000	108.41	--	--	Peak	152.00	200	Horizontal	N/A
3**	5701.000	101.59	--	--	AV	152.00	200	Horizontal	N/A
4	7354.250	53.12	74.0	20.88	Peak	230.00	200	Horizontal	Pass
4**	7354.250	43.75	54.0	10.25	AV	230.00	200	Horizontal	Pass
5	12476.637	53.64	74.0	20.36	Peak	163.00	100	Horizontal	Pass
5**	12476.637	44.69	54.0	9.31	AV	163.00	100	Horizontal	Pass
6	15673.201	54.01	74.0	19.99	Peak	0.00	400	Horizontal	Pass
6**	15673.201	44.83	54.0	9.17	AV	0.00	400	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	1496.800	41.98	74.0	32.02	Peak	141.00	400	Vertical	Pass
1**	1496.800	30.11	54.0	23.89	AV	141.00	400	Vertical	Pass
2	4198.250	47.37	74.0	26.63	Peak	0.00	100	Vertical	Pass
2**	4198.250	36.97	54.0	17.03	AV	0.00	100	Vertical	Pass
3	5700.750	102.69	--	--	Peak	0.00	150	Vertical	N/A
3**	5700.750	95.78	--	--	AV	0.00	150	Vertical	N/A
4	7486.000	53.15	74.0	20.85	Peak	230.00	400	Vertical	Pass
4**	7486.000	43.31	54.0	10.69	AV	230.00	400	Vertical	Pass
5	12474.025	53.81	74.0	20.19	Peak	316.00	100	Vertical	Pass
5**	12474.025	44.84	54.0	9.16	AV	316.00	100	Vertical	Pass
6	16134.412	54.21	74.0	19.79	Peak	0.00	100	Vertical	Pass
6**	16134.412	44.92	54.0	9.08	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	41.25	74.0	32.75	Peak	233.00	200	Horizontal	Pass
1**	1496.900	29.86	54.0	24.14	AV	233.00	200	Horizontal	Pass
2	4255.750	46.97	74.0	27.03	Peak	55.00	300	Horizontal	Pass
2**	4255.750	38.05	54.0	15.95	AV	55.00	300	Horizontal	Pass
3	5499.000	108.82	--	--	Peak	159.00	100	Horizontal	N/A
3**	5499.000	102.27	--	--	AV	159.00	100	Horizontal	N/A
4	7588.500	53.52	74.0	20.48	Peak	18.00	100	Horizontal	Pass
4**	7588.500	43.67	54.0	10.33	AV	18.00	100	Horizontal	Pass
5	12547.888	53.52	74.0	20.48	Peak	284.00	200	Horizontal	Pass
5**	12547.888	44.44	54.0	9.56	AV	284.00	200	Horizontal	Pass
6	15914.700	53.85	74.0	20.15	Peak	19.00	400	Horizontal	Pass
6**	15914.700	44.85	54.0	9.15	AV	19.00	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	1498.500	42.15	74.0	31.85	Peak	138.00	200	Vertical	Pass
1**	1498.500	32.13	54.0	21.87	AV	138.00	200	Vertical	Pass
2	4398.750	46.76	74.0	27.24	Peak	326.00	100	Vertical	Pass
2**	4398.750	37.57	54.0	16.43	AV	326.00	100	Vertical	Pass
3	5499.000	102.87	--	--	Peak	285.00	150	Vertical	N/A
3**	5499.000	95.78	--	--	AV	285.00	150	Vertical	N/A
4	7623.500	53.08	74.0	20.92	Peak	326.00	300	Vertical	Pass
4**	7623.500	44.74	54.0	9.26	AV	326.00	300	Vertical	Pass
5	12482.813	53.64	74.0	20.36	Peak	252.00	150	Vertical	Pass
5**	12482.813	44.06	54.0	9.94	AV	252.00	150	Vertical	Pass
6	16129.950	53.63	74.0	20.37	Peak	122.00	100	Vertical	Pass
6**	16129.950	44.58	54.0	9.42	AV	122.00	100	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	1435.700	39.60	74.0	34.40	Peak	34.00	400	Horizontal	Pass
1**	1435.700	29.19	54.0	24.81	AV	34.00	400	Horizontal	Pass
2	4271.500	46.85	74.0	27.15	Peak	199.00	400	Horizontal	Pass
2**	4271.500	37.13	54.0	16.87	AV	199.00	400	Horizontal	Pass
3	5579.000	109.97	--	--	Peak	136.00	150	Horizontal	N/A
3**	5579.000	102.63	--	--	AV	136.00	150	Horizontal	N/A
4	7595.750	53.11	74.0	20.89	Peak	282.00	300	Horizontal	Pass
4**	7595.750	43.48	54.0	10.52	AV	282.00	300	Horizontal	Pass
5	12440.300	53.69	74.0	20.31	Peak	54.00	150	Horizontal	Pass
5**	12440.300	44.65	54.0	9.35	AV	54.00	150	Horizontal	Pass
6	16099.237	54.30	74.0	19.70	Peak	341.00	400	Horizontal	Pass
6**	16099.237	45.25	54.0	8.75	AV	341.00	400	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	1496.700	43.45	74.0	30.55	Peak	206.00	300	Vertical	Pass
1**	1496.700	32.13	54.0	21.87	AV	206.00	300	Vertical	Pass
2	4332.000	47.28	74.0	26.72	Peak	0.00	100	Vertical	Pass
2**	4332.000	38.40	54.0	15.60	AV	0.00	100	Vertical	Pass
3	5580.750	103.08	--	--	Peak	257.00	200	Vertical	N/A
3**	5580.750	95.98	--	--	AV	257.00	200	Vertical	N/A
4	7599.000	52.79	74.0	21.21	Peak	302.00	300	Vertical	Pass
4**	7599.000	44.70	54.0	9.30	AV	302.00	300	Vertical	Pass
5	12469.750	54.33	74.0	19.67	Peak	299.00	150	Vertical	Pass
5**	12469.750	44.74	54.0	9.26	AV	299.00	150	Vertical	Pass
6	16048.575	53.63	74.0	20.37	Peak	89.00	100	Vertical	Pass
6**	16048.575	43.90	54.0	10.10	AV	89.00	100	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	1615.000	38.90	74.0	35.10	Peak	344.00	400	Horizontal	Pass
1**	1615.000	30.21	54.0	23.79	AV	344.00	400	Horizontal	Pass
2	4383.750	47.07	74.0	26.93	Peak	188.00	200	Horizontal	Pass
2**	4383.750	37.46	54.0	16.54	AV	188.00	200	Horizontal	Pass
3	5699.500	108.52	--	--	Peak	147.00	200	Horizontal	N/A
3**	5699.500	101.46	--	--	AV	147.00	200	Horizontal	N/A
4	7607.000	53.22	74.0	20.78	Peak	0.00	200	Horizontal	Pass
4**	7607.000	44.30	54.0	9.70	AV	0.00	200	Horizontal	Pass
5	12506.800	53.35	74.0	20.65	Peak	18.00	200	Horizontal	Pass
5**	12506.800	44.03	54.0	9.97	AV	18.00	200	Horizontal	Pass
6	15887.138	54.42	74.0	19.58	Peak	342.00	100	Horizontal	Pass
6**	15887.138	45.28	54.0	8.72	AV	342.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	43.18	74.0	30.82	Peak	143.00	100	Vertical	Pass
1**	1493.300	32.99	54.0	21.01	AV	143.00	100	Vertical	Pass
2	4375.000	47.21	74.0	26.79	Peak	11.00	300	Vertical	Pass
2**	4375.000	37.39	54.0	16.61	AV	11.00	300	Vertical	Pass
3	5700.750	103.03	--	--	Peak	11.00	150	Vertical	N/A
3**	5700.750	96.18	--	--	AV	11.00	150	Vertical	N/A
4	7493.000	52.78	74.0	21.22	Peak	130.00	300	Vertical	Pass
4**	7493.000	44.20	54.0	9.80	AV	130.00	300	Vertical	Pass
5	12481.388	53.68	74.0	20.32	Peak	130.00	200	Vertical	Pass
5**	12481.388	44.49	54.0	9.51	AV	130.00	200	Vertical	Pass
6	16104.225	54.12	74.0	19.88	Peak	0.00	200	Vertical	Pass
6**	16104.225	44.51	54.0	9.49	AV	0.00	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	1500.400	39.32	74.0	34.68	Peak	240.00	100	Horizontal	Pass
1**	1500.400	30.11	54.0	23.89	AV	240.00	100	Horizontal	Pass
2	4283.500	47.62	74.0	26.38	Peak	128.00	100	Horizontal	Pass
2**	4283.500	37.67	54.0	16.33	AV	128.00	100	Horizontal	Pass
3	5499.000	107.40	--	--	Peak	167.00	200	Horizontal	N/A
3**	5499.000	101.87	--	--	AV	167.00	200	Horizontal	N/A
4	7713.000	52.96	74.0	21.04	Peak	30.00	100	Horizontal	Pass
4**	7713.000	43.55	54.0	10.45	AV	30.00	100	Horizontal	Pass
5	12511.075	54.58	74.0	19.42	Peak	74.00	150	Horizontal	Pass
5**	12511.075	44.82	54.0	9.18	AV	74.00	150	Horizontal	Pass
6	16113.150	54.09	74.0	19.91	Peak	269.00	400	Horizontal	Pass
6**	16113.150	45.01	54.0	8.99	AV	269.00	400	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	1496.700	42.95	74.0	31.05	Peak	158.00	200	Vertical	Pass
1**	1496.700	29.50	54.0	24.50	AV	158.00	200	Vertical	Pass
2	3997.750	48.62	74.0	25.38	Peak	186.00	100	Vertical	Pass
2**	3997.750	39.91	54.0	14.09	AV	186.00	100	Vertical	Pass
3	5499.000	101.57	--	--	Peak	285.00	200	Vertical	N/A
3**	5499.000	94.16	--	--	AV	285.00	200	Vertical	N/A
4	7331.750	53.21	74.0	20.79	Peak	305.00	100	Vertical	Pass
4**	7331.750	43.87	54.0	10.13	AV	305.00	100	Vertical	Pass
5	12480.201	53.95	74.0	20.05	Peak	55.00	100	Vertical	Pass
5**	12480.201	44.34	54.0	9.66	AV	55.00	100	Vertical	Pass
6	16120.500	54.43	74.0	19.57	Peak	181.00	300	Vertical	Pass
6**	16120.500	44.74	54.0	9.26	AV	181.00	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	1497.200	40.05	74.0	33.95	Peak	187.00	200	Horizontal	Pass
1**	1497.200	29.13	54.0	24.87	AV	187.00	200	Horizontal	Pass
2	4320.500	46.89	74.0	27.11	Peak	208.00	300	Horizontal	Pass
2**	4320.500	38.20	54.0	15.80	AV	208.00	300	Horizontal	Pass
3	5579.500	108.71	--	--	Peak	169.00	200	Horizontal	N/A
3**	5579.500	102.00	--	--	AV	169.00	200	Horizontal	N/A
4	7350.500	53.35	74.0	20.65	Peak	0.00	300	Horizontal	Pass
4**	7350.500	43.65	54.0	10.35	AV	0.00	300	Horizontal	Pass
5	12449.563	54.51	74.0	19.49	Peak	19.00	200	Horizontal	Pass
5**	12449.563	45.07	54.0	8.93	AV	19.00	200	Horizontal	Pass
6	15889.762	54.03	74.0	19.97	Peak	135.00	400	Horizontal	Pass
6**	15889.762	44.71	54.0	9.29	AV	135.00	400	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	1495.000	42.12	74.0	31.88	Peak	148.00	100	Vertical	Pass
1**	1495.000	35.27	54.0	18.73	AV	148.00	100	Vertical	Pass
2	4288.250	47.36	74.0	26.64	Peak	0.00	100	Vertical	Pass
2**	4288.250	37.26	54.0	16.74	AV	0.00	100	Vertical	Pass
3	5579.500	101.51	--	--	Peak	286.00	100	Vertical	N/A
3**	5579.500	94.79	--	--	AV	286.00	100	Vertical	N/A
4	7594.750	53.81	74.0	20.19	Peak	188.00	300	Vertical	Pass
4**	7594.750	43.92	54.0	10.08	AV	188.00	300	Vertical	Pass
5	12512.737	54.04	74.0	19.96	Peak	321.00	200	Vertical	Pass
5**	12512.737	44.76	54.0	9.24	AV	321.00	200	Vertical	Pass
6	15895.276	54.12	74.0	19.88	Peak	283.00	300	Vertical	Pass
6**	15895.276	44.47	54.0	9.53	AV	283.00	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	1494.700	39.95	74.0	34.05	Peak	182.00	300	Horizontal	Pass
1**	1494.700	28.57	54.0	25.43	AV	182.00	300	Horizontal	Pass
2	4345.500	46.95	74.0	27.05	Peak	189.00	100	Horizontal	Pass
2**	4345.500	37.67	54.0	16.33	AV	189.00	100	Horizontal	Pass
3	5661.000	107.92	--	--	Peak	150.00	200	Horizontal	N/A
3**	5661.000	101.25	--	--	AV	150.00	200	Horizontal	N/A
4	7639.750	52.90	74.0	21.10	Peak	53.00	100	Horizontal	Pass
4**	7639.750	43.21	54.0	10.79	AV	53.00	100	Horizontal	Pass
5	12413.700	53.48	74.0	20.52	Peak	19.00	100	Horizontal	Pass
5**	12413.700	43.98	54.0	10.02	AV	19.00	100	Horizontal	Pass
6	15888.975	54.07	74.0	19.93	Peak	82.00	400	Horizontal	Pass
6**	15888.975	45.70	54.0	8.30	AV	82.00	400	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	1497.500	43.20	74.0	30.80	Peak	150.00	100	Vertical	Pass
1**	1497.500	35.73	54.0	18.27	AV	150.00	100	Vertical	Pass
2	4377.250	47.04	74.0	26.96	Peak	14.00	400	Vertical	Pass
2**	4377.250	38.20	54.0	15.80	AV	14.00	400	Vertical	Pass
3	5658.750	100.88	--	--	Peak	286.00	100	Vertical	N/A
3**	5658.750	94.74	--	--	AV	286.00	100	Vertical	N/A
4	7711.750	53.18	74.0	20.82	Peak	0.00	200	Vertical	Pass
4**	7711.750	43.77	54.0	10.23	AV	0.00	200	Vertical	Pass
5	12496.113	54.72	74.0	19.28	Peak	234.00	200	Vertical	Pass
5**	12496.113	44.34	54.0	9.66	AV	234.00	200	Vertical	Pass
6	16106.063	54.06	74.0	19.94	Peak	262.00	400	Vertical	Pass
6**	16106.063	45.46	54.0	8.54	AV	262.00	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	1496.300	40.71	74.0	33.29	Peak	228.00	100	Horizontal	Pass
1**	1496.300	29.88	54.0	24.12	AV	228.00	100	Horizontal	Pass
2	4269.500	47.10	74.0	26.90	Peak	31.00	100	Horizontal	Pass
2**	4269.500	37.43	54.0	16.57	AV	31.00	100	Horizontal	Pass
3	5499.000	108.12	--	--	Peak	169.00	150	Horizontal	N/A
3**	5499.000	100.69	--	--	AV	169.00	150	Horizontal	N/A
4	7703.500	52.68	74.0	21.32	Peak	12.00	100	Horizontal	Pass
4**	7703.500	43.12	54.0	10.88	AV	12.00	100	Horizontal	Pass
5	12510.363	53.62	74.0	20.38	Peak	193.00	150	Horizontal	Pass
5**	12510.363	44.65	54.0	9.35	AV	193.00	150	Horizontal	Pass
6	16132.838	53.92	74.0	20.08	Peak	342.00	400	Horizontal	Pass
6**	16132.838	44.66	54.0	9.34	AV	342.00	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	1494.400	42.49	74.0	31.51	Peak	146.00	400	Vertical	Pass
1**	1494.400	32.52	54.0	21.48	AV	146.00	400	Vertical	Pass
2	4294.250	47.70	74.0	26.30	Peak	0.00	200	Vertical	Pass
2**	4294.250	37.35	54.0	16.65	AV	0.00	200	Vertical	Pass
3	5500.750	101.77	--	--	Peak	286.00	150	Vertical	N/A
3**	5500.750	94.53	--	--	AV	286.00	150	Vertical	N/A
4	7365.750	53.34	74.0	20.66	Peak	210.00	300	Vertical	Pass
4**	7365.750	44.83	54.0	9.17	AV	210.00	300	Vertical	Pass
5	12499.200	53.84	74.0	20.16	Peak	168.00	200	Vertical	Pass
5**	12499.200	44.43	54.0	9.57	AV	168.00	200	Vertical	Pass
6	16114.987	54.16	74.0	19.84	Peak	342.00	300	Vertical	Pass
6**	16114.987	45.25	54.0	8.75	AV	342.00	300	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	1496.900	40.95	74.0	33.05	Peak	240.00	300	Horizontal	Pass
1**	1496.900	29.90	54.0	24.10	AV	240.00	300	Horizontal	Pass
2	4262.250	47.14	74.0	26.86	Peak	0.00	300	Horizontal	Pass
2**	4262.250	38.78	54.0	15.22	AV	0.00	300	Horizontal	Pass
3	5581.500	108.92	--	--	Peak	150.00	200	Horizontal	N/A
3**	5581.500	101.89	--	--	AV	150.00	200	Horizontal	N/A
4	7413.250	53.04	74.0	20.96	Peak	307.00	200	Horizontal	Pass
4**	7413.250	43.88	54.0	10.12	AV	307.00	200	Horizontal	Pass
5	12517.012	53.45	74.0	20.55	Peak	285.00	150	Horizontal	Pass
5**	12517.012	45.31	54.0	8.69	AV	285.00	150	Horizontal	Pass
6	16149.900	54.86	74.0	19.14	Peak	298.00	100	Horizontal	Pass
6**	16149.900	44.97	54.0	9.03	AV	298.00	100	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	1496.900	41.87	74.0	32.13	Peak	163.00	200	Vertical	Pass
1**	1496.900	30.28	54.0	23.72	AV	163.00	200	Vertical	Pass
2	4280.500	47.39	74.0	26.61	Peak	264.00	300	Vertical	Pass
2**	4280.500	37.41	54.0	16.59	AV	264.00	300	Vertical	Pass
3	5579.000	102.63	--	--	Peak	147.00	200	Vertical	N/A
3**	5579.000	96.14	--	--	AV	147.00	200	Vertical	N/A
4	7601.000	53.62	74.0	20.38		108.00	400	Vertical	Pass
4**	7601.000	43.52	54.0	10.48	AV	108.00	400	Vertical	Pass
5	12496.825	53.50	74.0	20.50	Peak	52.00	100	Vertical	Pass
5**	12496.825	44.57	54.0	9.43	AV	52.00	100	Vertical	Pass
6	16111.575	54.31	74.0	19.69	Peak	36.00	400	Vertical	Pass
6**	16111.575	44.77	54.0	9.23	AV	36.00	400	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	1499.900	40.02	74.0	33.98	Peak	240.00	200	Horizontal	Pass
1**	1499.900	28.93	54.0	25.07	AV	240.00	200	Horizontal	Pass
2	4182.250	47.49	74.0	26.51	Peak	360.00	400	Horizontal	Pass
2**	4182.250	37.11	54.0	16.89	AV	360.00	400	Horizontal	Pass
3	5698.750	108.17	--	--	Peak	156.00	150	Horizontal	N/A
3**	5698.750	100.01	--	--	AV	156.00	150	Horizontal	N/A
4	7614.000	54.07	74.0	19.93	Peak	253.00	300	Horizontal	Pass
4**	7614.000	44.32	54.0	9.68	AV	253.00	300	Horizontal	Pass
5	12504.662	53.64	74.0	20.36	Peak	18.00	100	Horizontal	Pass
5**	12504.662	44.41	54.0	9.59	AV	18.00	100	Horizontal	Pass
6	16040.438	53.90	74.0	20.10	Peak	305.00	100	Horizontal	Pass
6**	16040.438	44.35	54.0	9.65	AV	305.00	100	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	1492.900	42.64	74.0	31.36	Peak	139.00	400	Vertical	Pass
1**	1492.900	34.13	54.0	19.87	AV	139.00	400	Vertical	Pass
2	4336.750	47.07	74.0	26.93	Peak	108.00	200	Vertical	Pass
2**	4336.750	38.05	54.0	15.95	AV	108.00	200	Vertical	Pass
3	5700.750	102.15	--	--	Peak	10.00	100	Vertical	N/A
3**	5700.750	95.03	--	--	AV	10.00	100	Vertical	N/A
4	7595.500	53.06	74.0	20.94	Peak	68.00	200	Vertical	Pass
4**	7595.500	44.06	54.0	9.94	AV	68.00	200	Vertical	Pass
5	12547.651	53.57	74.0	20.43	Peak	316.00	100	Vertical	Pass
5**	12547.651	43.91	54.0	10.09	AV	316.00	100	Vertical	Pass
6	16074.037	55.28	74.0	18.72	Peak	305.00	400	Vertical	Pass
6**	16074.037	44.42	54.0	9.58	AV	305.00	400	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	1496.800	41.35	74.0	32.65	Peak	238.00	100	Horizontal	Pass
1**	1496.800	31.06	54.0	22.94	AV	238.00	100	Horizontal	Pass
2	4308.750	46.92	74.0	27.08	Peak	206.00	400	Horizontal	Pass
2**	4308.750	38.30	54.0	15.70	AV	206.00	400	Horizontal	Pass
3	5513.250	104.73	--	--	Peak	149.00	200	Horizontal	N/A
3**	5513.250	97.31	--	--	AV	149.00	200	Horizontal	N/A
4	7679.000	53.50	74.0	20.50	Peak	342.00	100	Horizontal	Pass
4**	7679.000	43.33	54.0	10.67	AV	342.00	100	Horizontal	Pass
5	12506.800	54.39	74.0	19.61	Peak	297.00	150	Horizontal	Pass
5**	12506.800	44.40	54.0	9.60	AV	297.00	150	Horizontal	Pass
6	16160.663	54.05	74.0	19.95	Peak	210.00	200	Horizontal	Pass
6**	16160.663	44.54	54.0	9.46	AV	210.00	200	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	1497.600	42.56	74.0	31.44	Peak	143.00	400	Vertical	Pass
1**	1497.600	32.66	54.0	21.34	AV	143.00	400	Vertical	Pass
2	4255.750	47.26	74.0	26.74	Peak	70.00	300	Vertical	Pass
2**	4255.750	38.33	54.0	15.67	AV	70.00	300	Vertical	Pass
3	5511.500	98.94	--	--	Peak	249.00	100	Vertical	N/A
3**	5511.500	90.39	--	--	AV	249.00	100	Vertical	N/A
4	7599.250	52.70	74.0	21.30	Peak	0.00	400	Vertical	Pass
4**	7599.250	44.11	54.0	9.89	AV	0.00	400	Vertical	Pass
5	12500.625	53.63	74.0	20.37	Peak	265.00	100	Vertical	Pass
5**	12500.625	44.90	54.0	9.10	AV	265.00	100	Vertical	Pass
6	15393.901	54.38	74.0	19.62	Peak	108.00	400	Vertical	Pass
6**	15393.901	45.02	54.0	8.98	AV	108.00	400	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	1499.800	40.90	74.0	33.10	Peak	238.00	200	Horizontal	Pass
1**	1499.800	28.80	54.0	25.20	AV	238.00	200	Horizontal	Pass
2	4056.250	47.77	74.0	26.23	Peak	249.00	400	Horizontal	Pass
2**	4056.250	37.21	54.0	16.79	AV	249.00	400	Horizontal	Pass
3	5588.750	105.54	--	--	Peak	170.00	150	Horizontal	N/A
3**	5588.750	99.40	--	--	AV	170.00	150	Horizontal	N/A
4	7703.750	53.06	74.0	20.94	Peak	0.00	300	Horizontal	Pass
4**	7703.750	43.42	54.0	10.58	AV	0.00	300	Horizontal	Pass
5	12520.100	53.60	74.0	20.40	Peak	161.00	200	Horizontal	Pass
5**	12520.100	44.48	54.0	9.52	AV	161.00	200	Horizontal	Pass
6	16103.175	54.68	74.0	19.32	Peak	12.00	300	Horizontal	Pass
6**	16103.175	45.09	54.0	8.91	AV	12.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	42.10	74.0	31.90	Peak	139.00	200	Vertical	Pass
1**	1496.100	31.34	54.0	22.66	AV	139.00	200	Vertical	Pass
2	4332.000	47.13	74.0	26.87	Peak	288.00	100	Vertical	Pass
2**	4332.000	38.04	54.0	15.96	AV	288.00	100	Vertical	Pass
3	5588.250	98.46	--	--	Peak	249.00	150	Vertical	N/A
3**	5588.250	91.34	--	--	AV	249.00	150	Vertical	N/A
4	7612.000	53.35	74.0	20.65	Peak	288.00	100	Vertical	Pass
4**	7612.000	43.47	54.0	10.53	AV	288.00	100	Vertical	Pass
5	12492.075	53.33	74.0	20.67	Peak	360.00	200	Vertical	Pass
5**	12492.075	44.35	54.0	9.65	AV	360.00	200	Vertical	Pass
6	16087.687	53.79	74.0	20.21	Peak	307.00	200	Vertical	Pass
6**	16087.687	46.09	54.0	7.91	AV	307.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	41.53	74.0	32.47	Peak	247.00	100	Horizontal	Pass
1**	1497.600	28.98	54.0	25.02	AV	247.00	100	Horizontal	Pass
2	4319.250	47.11	74.0	26.89	Peak	206.00	200	Horizontal	Pass
2**	4319.250	37.77	54.0	16.23	AV	206.00	200	Horizontal	Pass
3	5667.500	106.98	--	--	Peak	147.00	200	Horizontal	N/A
3**	5667.500	99.73	--	--	AV	147.00	200	Horizontal	N/A
4	7600.500	53.65	74.0	20.35	Peak	68.00	400	Horizontal	Pass
4**	7600.500	44.34	54.0	9.66	AV	68.00	400	Horizontal	Pass
5	12504.424	53.90	74.0	20.10	Peak	18.00	150	Horizontal	Pass
5**	12504.424	44.52	54.0	9.48	AV	18.00	150	Horizontal	Pass
6	15811.276	54.09	74.0	19.91	Peak	217.00	100	Horizontal	Pass
6**	15811.276	43.95	54.0	10.05	AV	217.00	100	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	1496.100	42.01	74.0	31.99	Peak	136.00	200	Vertical	Pass
1**	1496.100	32.75	54.0	21.25	AV	136.00	200	Vertical	Pass
2	4331.750	47.26	74.0	26.74	Peak	29.00	300	Vertical	Pass
2**	4331.750	38.33	54.0	15.67	AV	29.00	300	Vertical	Pass
3	5667.000	99.16	--	--	Peak	285.00	150	Vertical	N/A
3**	5667.000	91.71	--	--	AV	285.00	150	Vertical	N/A
4	7566.000	53.45	74.0	20.55	Peak	128.00	400	Vertical	Pass
4**	7566.000	43.78	54.0	10.22	AV	128.00	400	Vertical	Pass
5	12527.462	53.36	74.0	20.64	Peak	57.00	200	Vertical	Pass
5**	12527.462	43.79	54.0	10.21	AV	57.00	200	Vertical	Pass
6	16111.050	54.07	74.0	19.93	Peak	298.00	100	Vertical	Pass
6**	16111.050	44.75	54.0	9.25	AV	298.00	100	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	1495.800	38.84	74.0	35.16	Peak	235.00	400	Horizontal	Pass
1**	1495.800	31.70	54.0	22.30	AV	235.00	400	Horizontal	Pass
2	4354.750	47.17	74.0	26.83	Peak	44.00	200	Horizontal	Pass
2**	4354.750	38.39	54.0	15.61	AV	44.00	200	Horizontal	Pass
3	5535.750	101.17	--	--	Peak	143.00	100	Horizontal	N/A
3**	5535.750	94.05	--	--	AV	143.00	100	Horizontal	N/A
4	7597.500	52.97	74.0	21.03	Peak	0.00	400	Horizontal	Pass
4**	7597.500	43.96	54.0	10.04	AV	0.00	400	Horizontal	Pass
5	12476.875	53.33	74.0	20.67	Peak	149.00	150	Horizontal	Pass
5**	12476.875	44.23	54.0	9.77	AV	149.00	150	Horizontal	Pass
6	15687.375	53.94	74.0	20.06	Peak	56.00	200	Horizontal	Pass
6**	15687.375	44.18	54.0	9.82	AV	56.00	200	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	1493.500	43.77	74.0	30.23	Peak	155.00	400	Vertical	Pass
1**	1493.500	34.98	54.0	19.02	AV	155.00	400	Vertical	Pass
2	4258.250	46.94	74.0	27.06	Peak	7.00	300	Vertical	Pass
2**	4258.250	37.75	54.0	16.25	AV	7.00	300	Vertical	Pass
3	5524.000	94.19	--	--	Peak	245.00	100	Vertical	N/A
3**	5524.000	86.38	--	--	AV	245.00	100	Vertical	N/A
4	7710.500	53.14	74.0	20.86	Peak	46.00	200	Vertical	Pass
4**	7710.500	43.34	54.0	10.66	AV	46.00	200	Vertical	Pass
5	12485.900	53.65	74.0	20.35	Peak	64.00	200	Vertical	Pass
5**	12485.900	44.86	54.0	9.14	AV	64.00	200	Vertical	Pass
6	16116.563	54.62	74.0	19.38	Peak	198.00	100	Vertical	Pass
6**	16116.563	45.03	54.0	8.97	AV	198.00	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	1495.500	39.58	74.0	34.42	Peak	185.00	300	Horizontal	Pass
1**	1495.500	29.77	54.0	24.23	AV	185.00	300	Horizontal	Pass
2	4245.500	47.12	74.0	26.88	Peak	283.00	100	Horizontal	Pass
2**	4245.500	38.17	54.0	15.83	AV	283.00	100	Horizontal	Pass
3	5615.500	99.11	--	--	Peak	164.00	100	Horizontal	N/A
3**	5615.500	92.52	--	--	AV	164.00	100	Horizontal	N/A
4	7625.750	53.25	74.0	20.75	Peak	145.00	100	Horizontal	Pass
4**	7625.750	44.48	54.0	9.52	AV	145.00	100	Horizontal	Pass
5	12476.401	53.59	74.0	20.41	Peak	57.00	200	Horizontal	Pass
5**	12476.401	44.52	54.0	9.48	AV	57.00	200	Horizontal	Pass
6	15897.113	54.50	74.0	19.50	Peak	48.00	300	Horizontal	Pass
6**	15897.113	44.89	54.0	9.11	AV	48.00	300	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	1495.100	43.89	74.0	30.11	Peak	143.00	100	Vertical	Pass
1**	1495.100	32.23	54.0	21.77	AV	143.00	100	Vertical	Pass
2	4314.000	47.71	74.0	26.29	Peak	0.00	400	Vertical	Pass
2**	4314.000	37.63	54.0	16.37	AV	0.00	400	Vertical	Pass
3	5616.000	91.48	--	--	Peak	147.00	200	Vertical	N/A
3**	5616.000	84.21	--	--	AV	147.00	200	Vertical	N/A
4	7357.250	52.90	74.0	21.10	Peak	0.00	200	Vertical	Pass
4**	7357.250	43.91	54.0	10.09	AV	0.00	200	Vertical	Pass
5	12491.125	54.00	74.0	20.00	Peak	296.00	150	Vertical	Pass
5**	12491.125	44.80	54.0	9.20	AV	296.00	150	Vertical	Pass
6	15938.062	54.29	74.0	19.71	Peak	0.00	300	Vertical	Pass
6**	15938.062	45.25	54.0	8.75	AV	0.00	300	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	1497.100	40.98	74.0	33.02	Peak	248.00	200	Horizontal	Pass
1**	1497.100	29.32	54.0	24.68	AV	248.00	200	Horizontal	Pass
2	4360.000	47.33	74.0	26.67	Peak	341.00	200	Horizontal	Pass
2**	4360.000	37.91	54.0	16.09	AV	341.00	200	Horizontal	Pass
3	5746.250	108.43	--	--	Peak	165.00	150	Horizontal	N/A
3**	5746.250	102.40	--	--	AV	165.00	150	Horizontal	N/A
4	7335.500	53.28	74.0	20.72	Peak	147.00	300	Horizontal	Pass
4**	7335.500	43.68	54.0	10.32	AV	147.00	300	Horizontal	Pass
5	12488.988	53.16	74.0	20.84	Peak	18.00	200	Horizontal	Pass
5**	12488.988	44.43	54.0	9.57	AV	18.00	200	Horizontal	Pass
6	16141.500	55.07	74.0	18.93	Peak	225.00	400	Horizontal	Pass
6**	16141.500	44.75	54.0	9.25	AV	225.00	400	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	1495.700	43.61	74.0	30.39	Peak	153.00	400	Vertical	Pass
1**	1495.700	32.65	54.0	21.35	AV	153.00	400	Vertical	Pass
2	4387.000	48.41	74.0	25.59	Peak	289.00	300	Vertical	Pass
2**	4387.000	38.16	54.0	15.84	AV	289.00	300	Vertical	Pass
3	5744.000	103.77	--	--	Peak	15.00	150	Vertical	N/A
3**	5744.000	96.36	--	--	AV	15.00	150	Vertical	N/A
4	7614.750	53.49	74.0	20.51	Peak	360.00	200	Vertical	Pass
4**	7614.750	44.56	54.0	9.44	AV	360.00	200	Vertical	Pass
5	12419.637	53.18	74.0	20.82	Peak	313.00	100	Vertical	Pass
5**	12419.637	44.13	54.0	9.87	AV	313.00	100	Vertical	Pass
6	15912.337	54.04	74.0	19.96	Peak	341.00	400	Vertical	Pass
6**	15912.337	44.29	54.0	9.71	AV	341.00	400	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	1494.400	39.60	74.0	34.40	Peak	184.00	400	Horizontal	Pass
1**	1494.400	29.15	54.0	24.85	AV	184.00	400	Horizontal	Pass
2	4236.250	47.04	74.0	26.96	Peak	49.00	300	Horizontal	Pass
2**	4236.250	36.55	54.0	17.45	AV	49.00	300	Horizontal	Pass
3	5784.250	108.09	--	--	Peak	167.00	200	Horizontal	N/A
3**	5784.250	100.94	--	--	AV	167.00	200	Horizontal	N/A
4	7533.250	52.75	74.0	21.25	Peak	341.00	200	Horizontal	Pass
4**	7533.250	43.49	54.0	10.51	AV	341.00	200	Horizontal	Pass
5	12461.200	54.09	74.0	19.91	Peak	323.00	200	Horizontal	Pass
5**	12461.200	44.43	54.0	9.57	AV	323.00	200	Horizontal	Pass
6	16137.562	54.24	74.0	19.76	Peak	223.00	100	Horizontal	Pass
6**	16137.562	45.73	54.0	8.27	AV	223.00	100	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	1493.400	42.05	74.0	31.95	Peak	141.00	200	Vertical	Pass
1**	1493.400	29.80	54.0	24.20	AV	141.00	200	Vertical	Pass
2	4362.000	46.78	74.0	27.22	Peak	167.00	300	Vertical	Pass
2**	4362.000	38.05	54.0	15.95	AV	167.00	300	Vertical	Pass
3	5786.000	103.81	--	--	Peak	12.00	150	Vertical	N/A
3**	5786.000	97.09	--	--	AV	12.00	150	Vertical	N/A
4	7713.500	53.32	74.0	20.68	Peak	266.00	200	Vertical	Pass
4**	7713.500	43.63	54.0	10.37	AV	266.00	200	Vertical	Pass
5	12488.513	53.41	74.0	20.59	Peak	19.00	100	Vertical	Pass
5**	12488.513	44.08	54.0	9.92	AV	19.00	100	Vertical	Pass
6	16136.776	54.00	74.0	20.00	Peak	155.00	300	Vertical	Pass
6**	16136.776	44.71	54.0	9.29	AV	155.00	300	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	1531.000	38.72	74.0	35.28	Peak	263.00	100	Horizontal	Pass
1**	1531.000	30.83	54.0	23.17	AV	263.00	100	Horizontal	Pass
2	4321.250	46.55	74.0	27.45	Peak	340.00	300	Horizontal	Pass
2**	4321.250	37.23	54.0	16.77	AV	340.00	300	Horizontal	Pass
3	5824.500	107.22	--	--	Peak	185.00	150	Horizontal	N/A
3**	5824.500	101.23	--	--	AV	185.00	150	Horizontal	N/A
4	7601.750	54.28	74.0	19.72	Peak	105.00	100	Horizontal	Pass
4**	7601.750	44.00	54.0	10.00	AV	105.00	100	Horizontal	Pass
5	12522.000	53.94	74.0	20.06	Peak	93.00	150	Horizontal	Pass
5**	12522.000	44.09	54.0	9.91	AV	93.00	150	Horizontal	Pass
6	16123.650	54.56	74.0	19.44	Peak	242.00	300	Horizontal	Pass
6**	16123.650	45.40	54.0	8.60	AV	242.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	42.72	74.0	31.28	Peak	156.00	100	Vertical	Pass
1**	1496.100	30.95	54.0	23.05	AV	156.00	100	Vertical	Pass
2	4255.750	47.59	74.0	26.41	Peak	184.00	300	Vertical	Pass
2**	4255.750	38.27	54.0	15.73	AV	184.00	300	Vertical	Pass
3	5824.000	104.85	--	--	Peak	7.00	100	Vertical	N/A
3**	5824.000	97.31	--	--	AV	7.00	100	Vertical	N/A
4	7347.250	53.12	74.0	20.88	Peak	0.00	100	Vertical	Pass
4**	7347.250	43.38	54.0	10.62	AV	0.00	100	Vertical	Pass
5	12425.338	53.73	74.0	20.27	Peak	338.00	150	Vertical	Pass
5**	12425.338	44.00	54.0	10.00	AV	338.00	150	Vertical	Pass
6	16148.325	54.23	74.0	19.77	Peak	339.00	200	Vertical	Pass
6**	16148.325	44.41	54.0	9.59	AV	339.00	200	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	1438.600	38.97	74.0	35.03	Peak	209.00	200	Horizontal	Pass
1**	1438.600	30.10	54.0	23.90	AV	209.00	200	Horizontal	Pass
2	4373.000	46.79	74.0	27.21	Peak	300.00	200	Horizontal	Pass
2**	4373.000	37.38	54.0	16.62	AV	300.00	200	Horizontal	Pass
3	5744.000	108.01	--	--	Peak	163.00	200	Horizontal	N/A
3**	5744.000	101.25	--	--	AV	163.00	200	Horizontal	N/A
4	7590.000	52.90	74.0	21.10	Peak	143.00	300	Horizontal	Pass
4**	7590.000	43.91	54.0	10.09	AV	143.00	300	Horizontal	Pass
5	12490.651	53.46	74.0	20.54	Peak	19.00	150	Horizontal	Pass
5**	12490.651	44.54	54.0	9.46	AV	19.00	150	Horizontal	Pass
6	16099.763	53.80	74.0	20.20	Peak	341.00	300	Horizontal	Pass
6**	16099.763	45.05	54.0	8.95	AV	341.00	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	1497.300	42.48	74.0	31.52	Peak	139.00	300	Vertical	Pass
1**	1497.300	30.24	54.0	23.76	AV	139.00	300	Vertical	Pass
2	4369.250	46.95	74.0	27.05	Peak	283.00	200	Vertical	Pass
2**	4369.250	37.74	54.0	16.26	AV	283.00	200	Vertical	Pass
3	5744.000	102.99	--	--	Peak	5.00	200	Vertical	N/A
3**	5744.000	95.59	--	--	AV	5.00	200	Vertical	N/A
4	7616.750	53.09	74.0	20.91	Peak	264.00	200	Vertical	Pass
4**	7616.750	44.61	54.0	9.39	AV	264.00	200	Vertical	Pass
5	12463.100	53.76	74.0	20.24	Peak	224.00	200	Vertical	Pass
5**	12463.100	44.19	54.0	9.81	AV	224.00	200	Vertical	Pass
6	16032.037	54.27	74.0	19.73	Peak	174.00	300	Vertical	Pass
6**	16032.037	43.80	54.0	10.20	AV	174.00	300	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	1497.900	39.94	74.0	34.06	Peak	241.00	200	Horizontal	Pass
1**	1497.900	31.21	54.0	22.79	AV	241.00	200	Horizontal	Pass
2	4216.250	46.57	74.0	27.43	Peak	22.00	400	Horizontal	Pass
2**	4216.250	36.89	54.0	17.11	AV	22.00	400	Horizontal	Pass
3	5784.000	107.57	--	--	Peak	142.00	100	Horizontal	N/A
3**	5784.000	100.51	--	--	AV	142.00	100	Horizontal	N/A
4	7486.000	53.48	74.0	20.52	Peak	201.00	200	Horizontal	Pass
4**	7486.000	43.59	54.0	10.41	AV	201.00	200	Horizontal	Pass
5	12504.901	53.44	74.0	20.56	Peak	360.00	200	Horizontal	Pass
5**	12504.901	44.13	54.0	9.87	AV	360.00	200	Horizontal	Pass
6	16155.675	53.56	74.0	20.44	Peak	264.00	300	Horizontal	Pass
6**	16155.675	44.79	54.0	9.21	AV	264.00	300	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	1494.500	42.12	74.0	31.88	Peak	139.00	100	Vertical	Pass
1**	1494.500	29.39	54.0	24.61	AV	139.00	100	Vertical	Pass
2	4367.000	46.95	74.0	27.05	Peak	22.00	200	Vertical	Pass
2**	4367.000	37.88	54.0	16.12	AV	22.00	200	Vertical	Pass
3	5784.000	102.50	--	--	Peak	2.00	100	Vertical	N/A
3**	5784.000	95.40	--	--	AV	2.00	100	Vertical	N/A
4	7612.750	53.10	74.0	20.90	Peak	82.00	300	Vertical	Pass
4**	7612.750	43.68	54.0	10.32	AV	82.00	300	Vertical	Pass
5	12514.638	53.63	74.0	20.37	Peak	360.00	150	Vertical	Pass
5**	12514.638	44.25	54.0	9.75	AV	360.00	150	Vertical	Pass
6	16115.512	55.02	74.0	18.98	Peak	106.00	400	Vertical	Pass
6**	16115.512	45.24	54.0	8.76	AV	106.00	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	1438.300	38.61	74.0	35.39	Peak	181.00	100	Horizontal	Pass
1**	1438.300	29.60	54.0	24.40	AV	181.00	100	Horizontal	Pass
2	4342.750	46.92	74.0	27.08	Peak	281.00	200	Horizontal	Pass
2**	4342.750	38.13	54.0	15.87	AV	281.00	200	Horizontal	Pass
3	5824.250	108.42	--	--	Peak	142.00	100	Horizontal	N/A
3**	5824.250	101.37	--	--	AV	142.00	100	Horizontal	N/A
4	7360.000	52.78	74.0	21.22	Peak	0.00	100	Horizontal	Pass
4**	7360.000	43.79	54.0	10.21	AV	0.00	100	Horizontal	Pass
5	12465.475	54.34	74.0	19.66	Peak	19.00	150	Horizontal	Pass
5**	12465.475	44.97	54.0	9.03	AV	19.00	150	Horizontal	Pass
6	15651.412	54.21	74.0	19.79	Peak	30.00	300	Horizontal	Pass
6**	15651.412	44.10	54.0	9.90	AV	30.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.800	42.85	74.0	31.15	Peak	156.00	300	Vertical	Pass
1**	1494.800	30.21	54.0	23.79	AV	156.00	300	Vertical	Pass
2	4355.000	47.13	74.0	26.87	Peak	303.00	100	Vertical	Pass
2**	4355.000	37.76	54.0	16.24	AV	303.00	100	Vertical	Pass
3	5824.000	104.30	--	--	Peak	5.00	200	Vertical	N/A
3**	5824.000	96.63	--	--	AV	5.00	200	Vertical	N/A
4	7424.750	52.76	74.0	21.24	Peak	303.00	300	Vertical	Pass
4**	7424.750	43.56	54.0	10.44	AV	303.00	300	Vertical	Pass
5	12546.938	53.88	74.0	20.12	Peak	21.00	200	Vertical	Pass
5**	12546.938	43.49	54.0	10.51	AV	21.00	200	Vertical	Pass
6	16141.763	54.10	74.0	19.90	Peak	0.00	300	Vertical	Pass
6**	16141.763	45.04	54.0	8.96	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	41.01	74.0	32.99	Peak	254.00	400	Horizontal	Pass
1**	1496.600	29.39	54.0	24.61	AV	254.00	400	Horizontal	Pass
2	4369.500	47.31	74.0	26.69	Peak	245.00	400	Horizontal	Pass
2**	4369.500	38.46	54.0	15.54	AV	245.00	400	Horizontal	Pass
3	5756.500	105.27	--	--	Peak	165.00	150	Horizontal	N/A
3**	5756.500	98.39	--	--	AV	165.00	150	Horizontal	N/A
4	7489.750	53.69	74.0	20.31	Peak	0.00	400	Horizontal	Pass
4**	7489.750	43.43	54.0	10.57	AV	0.00	400	Horizontal	Pass
5	12419.162	53.40	74.0	20.60	Peak	319.00	150	Horizontal	Pass
5**	12419.162	43.26	54.0	10.74	AV	319.00	150	Horizontal	Pass
6	16098.975	54.29	74.0	19.71	Peak	150.00	300	Horizontal	Pass
6**	16098.975	44.74	54.0	9.26	AV	150.00	300	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	1499.800	42.96	74.0	31.04	Peak	143.00	200	Vertical	Pass
1**	1499.800	33.49	54.0	20.51	AV	143.00	200	Vertical	Pass
2	4367.500	47.25	74.0	26.75	Peak	339.00	100	Vertical	Pass
2**	4367.500	39.21	54.0	14.79	AV	339.00	100	Vertical	Pass
3	5758.000	99.96	--	--	Peak	300.00	100	Vertical	N/A
3**	5758.000	92.99	--	--	AV	300.00	100	Vertical	N/A
4	7587.000	54.07	74.0	19.93	Peak	279.00	300	Vertical	Pass
4**	7587.000	43.76	54.0	10.24	AV	279.00	300	Vertical	Pass
5	12465.950	53.46	74.0	20.54	Peak	106.00	100	Vertical	Pass
5**	12465.950	45.01	54.0	8.99	AV	106.00	100	Vertical	Pass
6	16102.388	54.23	74.0	19.77	Peak	102.00	300	Vertical	Pass
6**	16102.388	44.99	54.0	9.01	AV	102.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	39.95	74.0	34.05	Peak	240.00	400	Horizontal	Pass
1**	1494.500	31.51	54.0	22.49	AV	240.00	400	Horizontal	Pass
2	4348.000	47.17	74.0	26.83	Peak	341.00	100	Horizontal	Pass
2**	4348.000	37.99	54.0	16.01	AV	341.00	100	Horizontal	Pass
3	5792.500	106.18	--	--	Peak	164.00	150	Horizontal	N/A
3**	5792.500	98.52	--	--	AV	164.00	150	Horizontal	N/A
4	7678.000	53.19	74.0	20.81	Peak	283.00	200	Horizontal	Pass
4**	7678.000	43.93	54.0	10.07	AV	283.00	200	Horizontal	Pass
5	12481.625	53.66	74.0	20.34	Peak	253.00	100	Horizontal	Pass
5**	12481.625	44.96	54.0	9.04	AV	253.00	100	Horizontal	Pass
6	15892.125	54.07	74.0	19.93	Peak	240.00	400	Horizontal	Pass
6**	15892.125	45.02	54.0	8.98	AV	240.00	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	1493.100	43.21	74.0	30.79	Peak	145.00	300	Vertical	Pass
1**	1493.100	32.99	54.0	21.01	AV	145.00	300	Vertical	Pass
2	4260.750	46.89	74.0	27.11	Peak	141.00	300	Vertical	Pass
2**	4260.750	38.51	54.0	15.49	AV	141.00	300	Vertical	Pass
3	5796.750	100.21	--	--	Peak	3.00	100	Vertical	N/A
3**	5796.750	91.73	--	--	AV	3.00	100	Vertical	N/A
4	7658.000	52.61	74.0	21.39	Peak	201.00	400	Vertical	Pass
4**	7658.000	44.34	54.0	9.66	AV	201.00	400	Vertical	Pass
5	12418.925	53.34	74.0	20.66	Peak	268.00	100	Vertical	Pass
5**	12418.925	43.80	54.0	10.20	AV	268.00	100	Vertical	Pass
6	16052.775	54.34	74.0	19.66	Peak	218.00	200	Vertical	Pass
6**	16052.775	44.29	54.0	9.71	AV	218.00	200	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	1544.200	38.90	74.0	35.10	Peak	133.00	200	Horizontal	Pass
1**	1544.200	29.11	54.0	24.89	AV	133.00	200	Horizontal	Pass
2	4289.750	46.85	74.0	27.15	Peak	213.00	200	Horizontal	Pass
2**	4289.750	37.74	54.0	16.26	AV	213.00	200	Horizontal	Pass
3	5744.500	107.58	--	--	Peak	150.00	200	Horizontal	N/A
3**	5744.500	101.91	--	--	AV	150.00	200	Horizontal	N/A
4	7577.500	52.65	74.0	21.35	Peak	337.00	200	Horizontal	Pass
4**	7577.500	43.00	54.0	11.00	AV	337.00	200	Horizontal	Pass
5	12478.063	53.39	74.0	20.61	Peak	296.00	100	Horizontal	Pass
5**	12478.063	45.23	54.0	8.77	AV	296.00	100	Horizontal	Pass
6	16129.162	54.14	74.0	19.86	Peak	337.00	400	Horizontal	Pass
6**	16129.162	44.78	54.0	9.22	AV	337.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	42.93	74.0	31.07	Peak	141.00	400	Vertical	Pass
1**	1496.700	30.83	54.0	23.17	AV	141.00	400	Vertical	Pass
2	4260.250	47.33	74.0	26.67	Peak	165.00	400	Vertical	Pass
2**	4260.250	37.91	54.0	16.09	AV	165.00	400	Vertical	Pass
3	5745.750	102.59	--	--	Peak	7.00	150	Vertical	N/A
3**	5745.750	95.70	--	--	AV	7.00	150	Vertical	N/A
4	7613.250	53.52	74.0	20.48	Peak	26.00	400	Vertical	Pass
4**	7613.250	43.72	54.0	10.28	AV	26.00	400	Vertical	Pass
5	12488.750	53.33	74.0	20.67	Peak	19.00	150	Vertical	Pass
5**	12488.750	44.04	54.0	9.96	AV	19.00	150	Vertical	Pass
6	16062.750	54.38	74.0	19.62	Peak	0.00	100	Vertical	Pass
6**	16062.750	44.98	54.0	9.02	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	40.12	74.0	33.88	Peak	235.00	300	Horizontal	Pass
1**	1496.900	28.54	54.0	25.46	AV	235.00	300	Horizontal	Pass
2	4278.000	46.88	74.0	27.12	Peak	296.00	300	Horizontal	Pass
2**	4278.000	37.31	54.0	16.69	AV	296.00	300	Horizontal	Pass
3	5784.500	108.17	--	--	Peak	150.00	200	Horizontal	N/A
3**	5784.500	101.43	--	--	AV	150.00	200	Horizontal	N/A
4	7621.000	52.95	74.0	21.05	Peak	296.00	300	Horizontal	Pass
4**	7621.000	44.52	54.0	9.48	AV	296.00	300	Horizontal	Pass
5	12486.850	54.16	74.0	19.84	Peak	360.00	200	Horizontal	Pass
5**	12486.850	44.92	54.0	9.08	AV	360.00	200	Horizontal	Pass
6	15889.237	54.29	74.0	19.71	Peak	264.00	200	Horizontal	Pass
6**	15889.237	44.69	54.0	9.31	AV	264.00	200	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	1495.800	43.75	74.0	30.25	Peak	146.00	100	Vertical	Pass
1**	1495.800	37.10	54.0	16.90	AV	146.00	100	Vertical	Pass
2	4368.750	47.98	74.0	26.02	Peak	89.00	100	Vertical	Pass
2**	4368.750	37.56	54.0	16.44	AV	89.00	100	Vertical	Pass
3	5786.000	101.94	--	--	Peak	5.00	100	Vertical	N/A
3**	5786.000	95.70	--	--	AV	5.00	100	Vertical	N/A
4	7684.000	52.70	74.0	21.30	Peak	68.00	100	Vertical	Pass
4**	7684.000	42.91	54.0	11.09	AV	68.00	100	Vertical	Pass
5	12365.487	53.29	74.0	20.71	Peak	93.00	100	Vertical	Pass
5**	12365.487	42.51	54.0	11.49	AV	93.00	100	Vertical	Pass
6	16134.150	54.69	74.0	19.31	Peak	337.00	400	Vertical	Pass
6**	16134.150	44.94	54.0	9.06	AV	337.00	400	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	1496.100	40.15	74.0	33.85	Peak	238.00	300	Horizontal	Pass
1**	1496.100	31.25	54.0	22.75	AV	238.00	300	Horizontal	Pass
2	4368.000	47.05	74.0	26.95	Peak	232.00	100	Horizontal	Pass
2**	4368.000	39.70	54.0	14.30	AV	232.00	100	Horizontal	Pass
3	5825.750	107.04	--	--	Peak	147.00	200	Horizontal	N/A
3**	5825.750	99.47	--	--	AV	147.00	200	Horizontal	N/A
4	7711.750	53.26	74.0	20.74	Peak	0.00	300	Horizontal	Pass
4**	7711.750	43.92	54.0	10.08	AV	0.00	300	Horizontal	Pass
5	12505.850	53.94	74.0	20.06	Peak	64.00	200	Horizontal	Pass
5**	12505.850	44.45	54.0	9.55	AV	64.00	200	Horizontal	Pass
6	16117.088	54.05	74.0	19.95	Peak	264.00	300	Horizontal	Pass
6**	16117.088	44.97	54.0	9.03	AV	264.00	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	1495.900	43.91	74.0	30.09	Peak	147.00	200	Vertical	Pass
1**	1495.900	29.14	54.0	24.86	AV	147.00	200	Vertical	Pass
2	4178.750	47.23	74.0	26.77	Peak	194.00	300	Vertical	Pass
2**	4178.750	37.48	54.0	16.52	AV	194.00	300	Vertical	Pass
3	5824.250	103.43	--	--	Peak	6.00	200	Vertical	N/A
3**	5824.250	96.79	--	--	AV	6.00	200	Vertical	N/A
4	7619.250	53.35	74.0	20.65	Peak	0.00	400	Vertical	Pass
4**	7619.250	44.15	54.0	9.85	AV	0.00	400	Vertical	Pass
5	12497.776	53.30	74.0	20.70	Peak	253.00	100	Vertical	Pass
5**	12497.776	45.56	54.0	8.44	AV	253.00	100	Vertical	Pass
6	16116.825	53.55	74.0	20.45	Peak	337.00	200	Vertical	Pass
6**	16116.825	44.76	54.0	9.24	AV	337.00	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	1495.900	39.87	74.0	34.13	Peak	185.00	400	Horizontal	Pass
1**	1495.900	29.19	54.0	24.81	AV	185.00	400	Horizontal	Pass
2	4258.500	46.92	74.0	27.08	Peak	360.00	200	Horizontal	Pass
2**	4258.500	37.79	54.0	16.21	AV	360.00	200	Horizontal	Pass
3	5752.250	105.15	--	--	Peak	156.00	200	Horizontal	N/A
3**	5752.250	97.77	--	--	AV	156.00	200	Horizontal	N/A
4	7711.750	53.18	74.0	20.82	Peak	219.00	400	Horizontal	Pass
4**	7711.750	43.95	54.0	10.05	AV	219.00	400	Horizontal	Pass
5	12485.900	53.41	74.0	20.59	Peak	360.00	150	Horizontal	Pass
5**	12485.900	45.44	54.0	8.56	AV	360.00	150	Horizontal	Pass
6	15904.987	54.24	74.0	19.76	Peak	259.00	400	Horizontal	Pass
6**	15904.987	44.92	54.0	9.08	AV	259.00	400	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	1499.700	42.65	74.0	31.35	Peak	146.00	300	Vertical	Pass
1**	1499.700	30.88	54.0	23.12	AV	146.00	300	Vertical	Pass
2	4335.500	47.10	74.0	26.90	Peak	360.00	200	Vertical	Pass
2**	4335.500	37.74	54.0	16.26	AV	360.00	200	Vertical	Pass
3	5753.000	99.41	--	--	Peak	8.00	200	Vertical	N/A
3**	5753.000	92.42	--	--	AV	8.00	200	Vertical	N/A
4	7624.250	54.40	74.0	19.60	Peak	114.00	200	Vertical	Pass
4**	7624.250	43.82	54.0	10.18	AV	114.00	200	Vertical	Pass
5	12476.875	53.80	74.0	20.20	Peak	25.00	150	Vertical	Pass
5**	12476.875	44.48	54.0	9.52	AV	25.00	150	Vertical	Pass
6	15902.888	54.37	74.0	19.63	Peak	2.00	200	Vertical	Pass
6**	15902.888	44.82	54.0	9.18	AV	2.00	200	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	1495.100	39.11	74.0	34.89	Peak	231.00	200	Horizontal	Pass
1**	1495.100	29.33	54.0	24.67	AV	231.00	200	Horizontal	Pass
2	4254.750	47.23	74.0	26.77	Peak	0.00	100	Horizontal	Pass
2**	4254.750	37.79	54.0	16.21	AV	0.00	100	Horizontal	Pass
3	5792.500	105.36	--	--	Peak	156.00	200	Horizontal	N/A
3**	5792.500	98.27	--	--	AV	156.00	200	Horizontal	N/A
4	7601.750	53.05	74.0	20.95	Peak	323.00	300	Horizontal	Pass
4**	7601.750	43.97	54.0	10.03	AV	323.00	300	Horizontal	Pass
5	12505.612	53.56	74.0	20.44	Peak	81.00	100	Horizontal	Pass
5**	12505.612	44.20	54.0	9.80	AV	81.00	100	Horizontal	Pass
6	15417.263	53.76	74.0	20.24	Peak	336.00	100	Horizontal	Pass
6**	15417.263	43.41	54.0	10.59	AV	336.00	100	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	1493.200	43.88	74.0	30.12	Peak	144.00	300	Vertical	Pass
1**	1493.200	30.71	54.0	23.29	AV	144.00	300	Vertical	Pass
2	4309.000	46.91	74.0	27.09	Peak	278.00	300	Vertical	Pass
2**	4309.000	38.37	54.0	15.63	AV	278.00	300	Vertical	Pass
3	5796.500	99.93	--	--	Peak	9.00	150	Vertical	N/A
3**	5796.500	91.83	--	--	AV	9.00	150	Vertical	N/A
4	7352.750	53.21	74.0	20.79	Peak	339.00	400	Vertical	Pass
4**	7352.750	43.88	54.0	10.12	AV	339.00	400	Vertical	Pass
5	12521.287	53.20	74.0	20.80	Peak	168.00	150	Vertical	Pass
5**	12521.287	44.50	54.0	9.50	AV	168.00	150	Vertical	Pass
6	16116.563	54.51	74.0	19.49	Peak	360.00	300	Vertical	Pass
6**	16116.563	45.26	54.0	8.74	AV	360.00	300	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	1491.900	39.74	74.0	34.26	Peak	242.00	400	Horizontal	Pass
1**	1491.900	28.99	54.0	25.01	AV	242.00	400	Horizontal	Pass
2	4347.500	47.76	74.0	26.24	Peak	128.00	100	Horizontal	Pass
2**	4347.500	37.97	54.0	16.03	AV	128.00	100	Horizontal	Pass
3	5779.250	101.54	--	--	Peak	148.00	100	Horizontal	N/A
3**	5779.250	93.84	--	--	AV	148.00	100	Horizontal	N/A
4	7347.750	52.86	74.0	21.14	Peak	336.00	100	Horizontal	Pass
4**	7347.750	43.47	54.0	10.53	AV	336.00	100	Horizontal	Pass
5	12529.599	53.97	74.0	20.03	Peak	227.00	100	Horizontal	Pass
5**	12529.599	44.84	54.0	9.16	AV	227.00	100	Horizontal	Pass
6	16097.662	54.52	74.0	19.48	Peak	298.00	200	Horizontal	Pass
6**	16097.662	45.31	54.0	8.69	AV	298.00	200	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	1493.900	45.37	74.0	28.63	Peak	153.00	200	Vertical	Pass
1**	1493.900	30.83	54.0	23.17	AV	153.00	200	Vertical	Pass
2	4357.500	47.86	74.0	26.14	Peak	152.00	400	Vertical	Pass
2**	4357.500	38.53	54.0	15.47	AV	152.00	400	Vertical	Pass
3	5770.000	96.25	--	--	Peak	9.00	100	Vertical	N/A
3**	5770.000	88.96	--	--	AV	9.00	100	Vertical	N/A
4	7353.750	53.02	74.0	20.98	Peak	9.00	200	Vertical	Pass
4**	7353.750	43.72	54.0	10.28	AV	9.00	200	Vertical	Pass
5	12546.938	53.45	74.0	20.55	Peak	212.00	150	Vertical	Pass
5**	12546.938	43.43	54.0	10.57	AV	212.00	150	Vertical	Pass
6	16095.300	53.95	74.0	20.05	Peak	279.00	400	Vertical	Pass
6**	16095.300	45.17	54.0	8.83	AV	279.00	400	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

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	5147.725	57.93	74.0	16.07	Peak	175.00	200	Horizontal	Pass
1**	5147.725	46.79	54.0	7.21	AV	175.00	200	Horizontal	Pass
2	5150.000	55.76	74.0	18.24	Peak	179.00	150	Horizontal	Pass
2**	5150.000	47.29	54.0	6.71	AV	179.00	150	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.54	74.0	18.46	Peak	0.00	100	Horizontal	Pass
1**	5350.000	45.62	54.0	8.38	AV	0.00	100	Horizontal	Pass
2	5364.520	56.78	74.0	17.22	Peak	37.00	150	Horizontal	Pass
2**	5364.520	45.08	54.0	8.92	AV	37.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.900	57.15	74.0	16.85	Peak	0.00	150	Horizontal	Pass
1**	5127.900	46.16	54.0	7.84	AV	0.00	150	Horizontal	Pass
2	5150.000	56.99	74.0	17.01	Peak	0.00	100	Horizontal	Pass
2**	5150.000	47.23	54.0	6.77	AV	0.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.62	74.0	18.38	Peak	152.00	200	Horizontal	Pass
1**	5350.000	45.59	54.0	8.41	AV	152.00	200	Horizontal	Pass
2	5356.270	57.59	74.0	16.41	Peak	123.00	150	Horizontal	Pass
2**	5356.270	45.51	54.0	8.49	AV	123.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5129.850	56.22	74.0	17.78	Peak	324.00	200	Horizontal	Pass
1**	5129.850	45.81	54.0	8.19	AV	324.00	200	Horizontal	Pass
2	5150.000	54.62	74.0	19.38	Peak	16.00	200	Horizontal	Pass
2**	5150.000	45.50	54.0	8.50	AV	16.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.96	74.0	17.04	Peak	101.00	150	Horizontal	Pass
1**	5350.000	45.63	54.0	8.37	AV	101.00	150	Horizontal	Pass
2	5378.600	57.37	74.0	16.63	Peak	0.00	100	Horizontal	Pass
2**	5378.600	45.83	54.0	8.17	AV	0.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5131.150	56.42	74.0	17.58	Peak	272.00	150	Horizontal	Pass
1**	5131.150	45.86	54.0	8.14	AV	272.00	150	Horizontal	Pass
2	5150.000	56.60	74.0	17.40	Peak	46.00	150	Horizontal	Pass
2**	5150.000	46.31	54.0	7.69	AV	46.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.17	74.0	18.83	Peak	189.00	200	Horizontal	Pass
1**	5350.000	45.63	54.0	8.37	AV	189.00	200	Horizontal	Pass
2	5384.870	57.27	74.0	16.73	Peak	296.00	150	Horizontal	Pass
2**	5384.870	45.72	54.0	8.28	AV	296.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5130.500	56.81	74.0	17.19	Peak	46.00	150	Horizontal	Pass
1**	5130.500	46.11	54.0	7.89	AV	46.00	150	Horizontal	Pass
2	5150.000	54.41	74.0	19.59	Peak	313.00	150	Horizontal	Pass
2**	5150.000	45.60	54.0	8.40	AV	313.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.70	74.0	18.30	Peak	60.00	150	Horizontal	Pass
1**	5350.055	45.70	54.0	8.30	AV	60.00	150	Horizontal	Pass
2	5353.300	57.54	74.0	16.46	Peak	327.00	200	Horizontal	Pass
2**	5353.300	45.57	54.0	8.43	AV	327.00	200	Horizontal	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	57.11	74.0	16.89	Peak	154.00	100	Horizontal	Pass
1**	5146.750	46.15	54.0	7.85	AV	154.00	100	Horizontal	Pass
2	5150.000	55.24	74.0	18.76	Peak	186.00	100	Horizontal	Pass
2**	5150.000	46.08	54.0	7.92	AV	186.00	100	Horizontal	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	5350.055	54.97	74.0	19.03	Peak	52.00	100	Horizontal	Pass
1**	5350.055	45.71	54.0	8.29	AV	52.00	100	Horizontal	Pass
2	5397.740	57.16	74.0	16.84	Peak	156.00	150	Horizontal	Pass
2**	5397.740	45.13	54.0	8.87	AV	156.00	150	Horizontal	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	5132.775	56.03	74.0	17.97	Peak	334.00	100	Horizontal	Pass
1**	5132.775	45.15	54.0	8.85	AV	334.00	100	Horizontal	Pass
2	5150.000	54.85	74.0	19.15	Peak	168.00	200	Horizontal	Pass
2**	5150.000	44.96	54.0	9.04	AV	168.00	200	Horizontal	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	5350.055	58.64	74.0	15.36	Peak	158.00	100	Horizontal	Pass
1**	5350.055	48.80	54.0	5.20	AV	158.00	100	Horizontal	Pass
2	5353.355	60.60	74.0	13.40	Peak	176.00	150	Horizontal	Pass
2**	5353.355	48.29	54.0	5.71	AV	176.00	150	Horizontal	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	5122.050	56.07	74.0	17.93	Peak	61.00	100	Horizontal	Pass
1**	5122.050	44.42	54.0	9.58	AV	61.00	100	Horizontal	Pass
2	5150.000	54.12	74.0	19.88	Peak	160.00	150	Horizontal	Pass
2**	5150.000	44.71	54.0	9.29	AV	160.00	150	Horizontal	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	57.17	74.0	16.83	Peak	16.00	150	Horizontal	Pass
1**	5350.000	47.73	54.0	6.27	AV	16.00	150	Horizontal	Pass
2	5350.660	59.65	74.0	14.35	Peak	147.00	150	Horizontal	Pass
2**	5350.660	47.55	54.0	6.45	AV	147.00	150	Horizontal	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	5038.200	56.45	74.0	17.55	Peak	238.00	100	Horizontal	Pass
1**	5038.200	44.54	54.0	9.46	AV	238.00	100	Horizontal	Pass
2	5150.000	54.59	74.0	19.41	Peak	311.00	150	Horizontal	Pass
2**	5150.000	44.80	54.0	9.20	AV	311.00	150	Horizontal	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	5350.055	57.33	74.0	16.67	Peak	154.00	200	Horizontal	Pass
1**	5350.055	47.92	54.0	6.08	AV	154.00	200	Horizontal	Pass
2	5354.070	57.82	74.0	16.18	Peak	148.00	200	Horizontal	Pass
2**	5354.070	47.45	54.0	6.55	AV	148.00	200	Horizontal	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	5136.025	56.83	74.0	17.17	Peak	300.00	150	Horizontal	Pass
1**	5136.025	45.33	54.0	8.67	AV	300.00	150	Horizontal	Pass
2	5150.000	54.20	74.0	19.80	Peak	339.00	200	Horizontal	Pass
2**	5150.000	44.87	54.0	9.13	AV	339.00	200	Horizontal	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	5350.055	59.07	74.0	14.93	Peak	155.00	100	Horizontal	Pass
1**	5350.055	48.95	54.0	5.05	AV	155.00	100	Horizontal	Pass
2	5354.895	60.36	74.0	13.64	Peak	151.00	150	Horizontal	Pass
2**	5354.895	47.56	54.0	6.44	AV	151.00	150	Horizontal	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	5129.525	55.97	74.0	18.03	Peak	28.00	200	Horizontal	Pass
1**	5129.525	45.34	54.0	8.66	AV	28.00	200	Horizontal	Pass
2	5150.000	56.11	74.0	17.89	Peak	268.00	200	Horizontal	Pass
2**	5150.000	44.68	54.0	9.32	AV	268.00	200	Horizontal	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	5350.055	57.74	74.0	16.26	Peak	154.00	150	Horizontal	Pass
1**	5350.055	47.91	54.0	6.09	AV	154.00	150	Horizontal	Pass
2	5350.880	59.21	74.0	14.79	Peak	149.00	100	Horizontal	Pass
2**	5350.880	47.41	54.0	6.59	AV	149.00	100	Horizontal	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	4895.850	56.81	74.0	17.19	Peak	206.00	100	Horizontal	Pass
1**	4895.850	44.50	54.0	9.50	AV	206.00	100	Horizontal	Pass
2	5150.000	54.33	74.0	19.67	Peak	248.00	150	Horizontal	Pass
2**	5150.000	44.72	54.0	9.28	AV	248.00	150	Horizontal	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	5350.055	58.21	74.0	15.79	Peak	167.00	200	Horizontal	Pass
1**	5350.055	48.49	54.0	5.51	AV	167.00	200	Horizontal	Pass
2	5353.190	62.57	74.0	11.43	Peak	155.00	150	Horizontal	Pass
2**	5353.190	48.50	54.0	5.50	AV	155.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5380.060	56.67	74.0	17.33	Peak	9.00	100	Horizontal	Pass
1**	5380.060	45.57	54.0	8.43	AV	9.00	100	Horizontal	Pass
2	5459.980	54.82	74.0	19.18	Peak	164.00	200	Horizontal	Pass
2**	5459.980	45.55	54.0	8.45	AV	164.00	200	Horizontal	Pass
3	5469.640	59.34	68.2	8.86	Peak	160.00	100	Horizontal	Pass
3**	5469.640	47.49	--	--	AV	160.00	100	Horizontal	N/A
4	5469.940	57.89	68.2	10.31	Peak	145.00	150	Horizontal	Pass
4**	5469.940	47.37	--	--	AV	145.00	150	Horizontal	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	59.94	68.2	8.26	Peak	172.00	200	Horizontal	Pass
2	5734.063	61.93	68.2	6.27	Peak	185.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5372.560	57.94	74.0	16.06	Peak	0.00	100	Horizontal	Pass
1**	5372.560	45.86	54.0	8.14	AV	0.00	100	Horizontal	Pass
2	5459.980	53.88	74.0	20.12	Peak	73.00	200	Horizontal	Pass
2**	5459.980	44.79	54.0	9.21	AV	73.00	200	Horizontal	Pass
3	5469.400	57.58	68.2	10.62	Peak	156.00	150	Horizontal	Pass
3**	5469.400	46.41	--	--	AV	156.00	150	Horizontal	N/A
4	5469.940	55.44	68.2	12.76	Peak	178.00	200	Horizontal	Pass
4**	5469.940	46.40	--	--	AV	178.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.87	68.2	8.33	Peak	166.00	100	Horizontal	Pass
2	5725.375	61.09	68.2	7.11	Peak	162.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5379.940	57.08	74.0	16.92	Peak	220.00	100	Horizontal	Pass
1**	5379.940	45.75	54.0	8.25	AV	220.00	100	Horizontal	Pass
2	5459.980	55.57	74.0	18.43	Peak	23.00	150	Horizontal	Pass
2**	5459.980	45.33	54.0	8.67	AV	23.00	150	Horizontal	Pass
3	5464.480	56.35	68.2	11.85	Peak	81.00	100	Horizontal	Pass
3**	5464.480	46.37	--	--	AV	81.00	100	Horizontal	N/A
4	5469.940	54.47	68.2	13.73	Peak	144.00	200	Horizontal	Pass
4**	5469.940	45.74	--	--	AV	144.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.88	68.2	10.32	Peak	170.00	100	Horizontal	Pass
2	5735.625	57.96	68.2	10.24	Peak	163.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5380.300	57.30	74.0	16.70	Peak	114.00	150	Horizontal	Pass
1**	5380.300	45.65	54.0	8.35	AV	114.00	150	Horizontal	Pass
2	5459.980	54.64	74.0	19.36	Peak	156.00	100	Horizontal	Pass
2**	5459.980	45.66	54.0	8.34	AV	156.00	100	Horizontal	Pass
3	5467.000	58.08	68.2	10.12	Peak	163.00	150	Horizontal	Pass
3**	5467.000	46.78	--	--	AV	163.00	150	Horizontal	N/A
4	5469.940	56.28	68.2	11.92	Peak	153.00	200	Horizontal	Pass
4**	5469.940	46.61	--	--	AV	153.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	58.52	68.2	9.68	Peak	152.00	200	Horizontal	Pass
2	5727.437	59.33	68.2	8.87	Peak	164.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5353.660	57.34	74.0	16.66	Peak	341.00	200	Horizontal	Pass
1**	5353.660	45.31	54.0	8.69	AV	341.00	200	Horizontal	Pass
2	5459.980	54.50	74.0	19.50	Peak	152.00	200	Horizontal	Pass
2**	5459.980	45.63	54.0	8.37	AV	152.00	200	Horizontal	Pass
3	5466.280	57.08	68.2	11.12	Peak	168.00	200	Horizontal	Pass
3**	5466.280	45.71	--	--	AV	168.00	200	Horizontal	N/A
4	5469.940	55.14	68.2	13.06	Peak	243.00	200	Horizontal	Pass
4**	5469.940	46.25	--	--	AV	243.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	58.22	68.2	9.98	Peak	163.00	200	Horizontal	Pass
2	5727.938	60.22	68.2	7.98	Peak	173.00	100	Horizontal	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	5454.400	57.61	74.0	16.39	Peak	166.00	200	Horizontal	Pass
1**	5454.400	45.82	54.0	8.18	AV	166.00	200	Horizontal	Pass
2	5459.980	55.22	74.0	18.78	Peak	166.00	100	Horizontal	Pass
2**	5459.980	46.40	54.0	7.60	AV	166.00	100	Horizontal	Pass
3	5460.160	57.13	68.2	11.07	Peak	13.00	100	Horizontal	Pass
3**	5460.160	46.29	--	--	AV	13.00	100	Horizontal	N/A
4	5469.940	54.82	68.2	13.38	Peak	159.00	100	Horizontal	Pass
4**	5469.940	47.06	--	--	AV	159.00	100	Horizontal	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	5725.063	54.97	68.2	13.23	Peak	174.00	200	Horizontal	Pass
2	5804.750	57.35	68.2	10.85	Peak	31.00	150	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.875	56.80	68.2	11.40	Peak	237.00	150	Horizontal	Pass
2	5650.000	54.52	68.2	13.68	Peak	172.00	100	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.83	68.3	13.47	Peak	133.00	100	Horizontal	Pass
2	5992.725	57.15	68.2	11.05	Peak	323.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.375	56.80	68.2	11.40	Peak	333.00	100	Horizontal	Pass
2	5650.000	55.39	68.2	12.81	Peak	160.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.98	68.3	12.32	Peak	298.00	100	Horizontal	Pass
2	5971.050	57.76	68.2	10.44	Peak	262.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5633.250	57.15	68.2	11.05	Peak	218.00	100	Horizontal	Pass
2	5650.000	55.25	68.2	12.95	Peak	289.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.87	68.3	13.43	Peak	63.00	200	Horizontal	
2	5937.075	57.60	68.2	10.60	Peak	352.00	150	Horizontal	

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	5649.187	56.72	68.2	11.48	Peak	76.00	100	Horizontal	Pass
2	5650.000	54.74	68.2	13.46	Peak	22.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.25	68.3	13.05	Peak	300.00	200	Horizontal	Pass
2	5948.625	57.43	68.2	10.77	Peak	126.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.875	56.42	68.2	11.78	Peak	89.00	200	Horizontal	Pass
2	5650.000	54.86	68.2	13.34	Peak	104.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.20	68.3	13.10	Peak	103.00	200	Horizontal	Pass
2	5995.425	57.33	68.2	10.87	Peak	360.00	200	Horizontal	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	5625.375	56.90	68.2	11.30	Peak	326.00	150	Horizontal	Pass
2	5650.000	54.92	68.2	13.28	Peak	243.00	150	Horizontal	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	5924.925	55.81	68.3	12.49	Peak	23.00	150	Horizontal	Pass
2	5927.025	58.10	68.2	10.10	Peak	215.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2510972-AR-3.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2510972-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2510972-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--