

TEST REPORT

Applicant: REOLINK INNOVATION LIMITED
Address: FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG
Equipment Type: Reolink WiFi Extender
Model Name: RLA-WE1
Brand Name: Reolink
FCC ID: 2AYHE-2404C
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Jul. 01, 2024
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ISSUED BY:

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Approved by: Liao Jianming
(Technical Director)



Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jul. 31, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 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	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.2 Manufacturer Information

Manufacturer	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.3 Factory Information

Factory	Shenzhen Reolink Technology Co., Ltd.
Address	2-4th Floor, Building 2, YuanLing Industrial Park, ShangWu, Shiyan Street, Bao'an District, Shenzhen, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Reolink WiFi Extender
Model Name Under Test	RLA-WE1
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	<input checked="" type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> 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: 100.23 mW U-NII-3: 62.52 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac	
Antenna Type	SISO-Main Antenna	Dipole Antenna
	SISO-Aux. Antenna	
Antenna Gain	SISO-Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 4.43 dBi
	SISO-Aux. Antenna	U-NII-3: 5725 MHz to 5850 MHz: 4.42 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 7.44 dBi U-NII-3: 5725 MHz to 5850 MHz: 7.43 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 4.43 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.42 dBi Formulas: Directional gain = $GANT$
	For power measurement	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 7.44 dBi

	s	<p>U-NII-3: 5725 MHz to 5850 MHz: 7.43 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 4.43 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.42 dBi Formulas: Directional gain = $GANT$</p>
About the Product		The equipment is Reolink WiFi Extender, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Main Antenna	SISO-Aux. Antenna	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√

Note: All the configurations were tested, but only the worst data was shown in this report.

2.6 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	155	5775
44	5220	151	5755		
48	5240	159	5795		
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-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	151	Low	5755
46	High	5230	159	High	5795

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	155	Mid	5775

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-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	165/149
	11n(20 MHz)	6.5		48/36	165/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/36	165/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	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	35% to 60%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.6°C to +25.5°C
Working Voltage of the EUT	NV (Normal Voltage)	220 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2023.07.25	2024.07.24
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

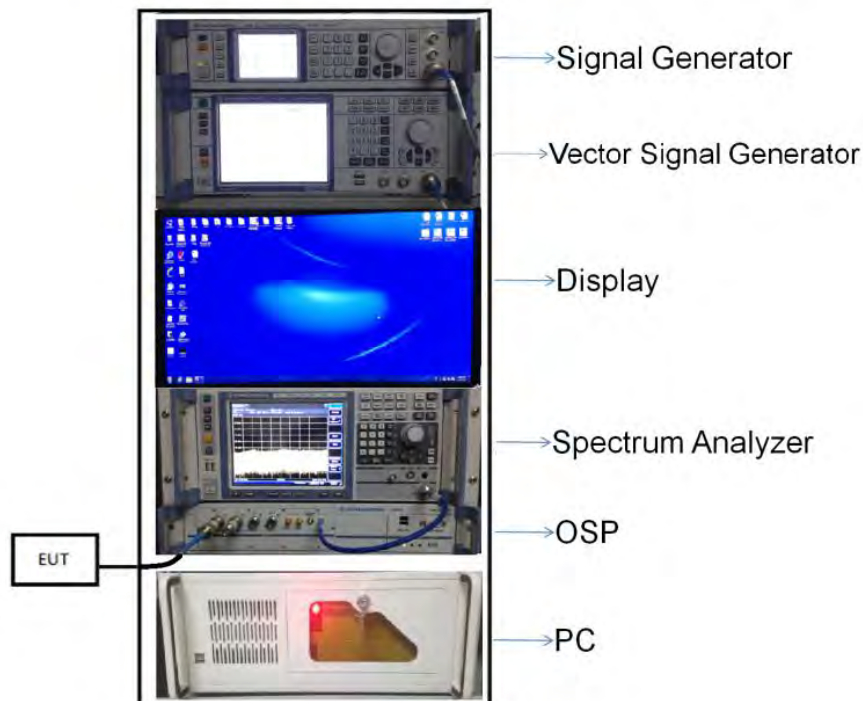
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

$$\text{Conducted value (dBm)} = \text{Measurement value (dBm)} + \text{cable loss (dB)}$$

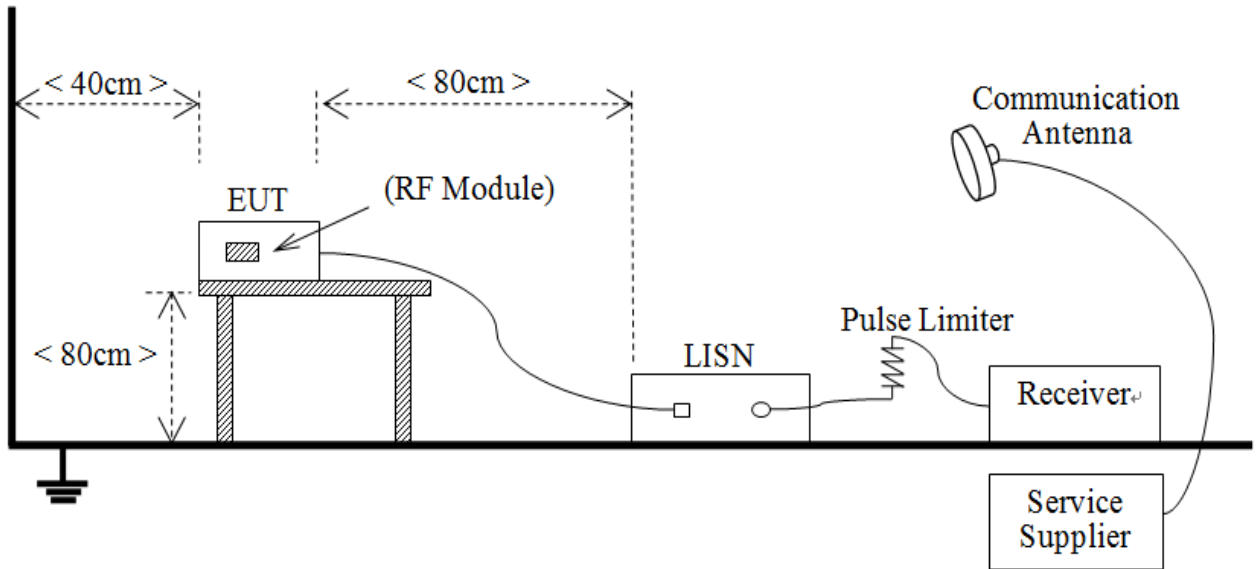
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

$$\text{Conducted value (dBm)} = 10 \text{ dBm} + 0.5 \text{ dB} = 10.5 \text{ dBm}$$



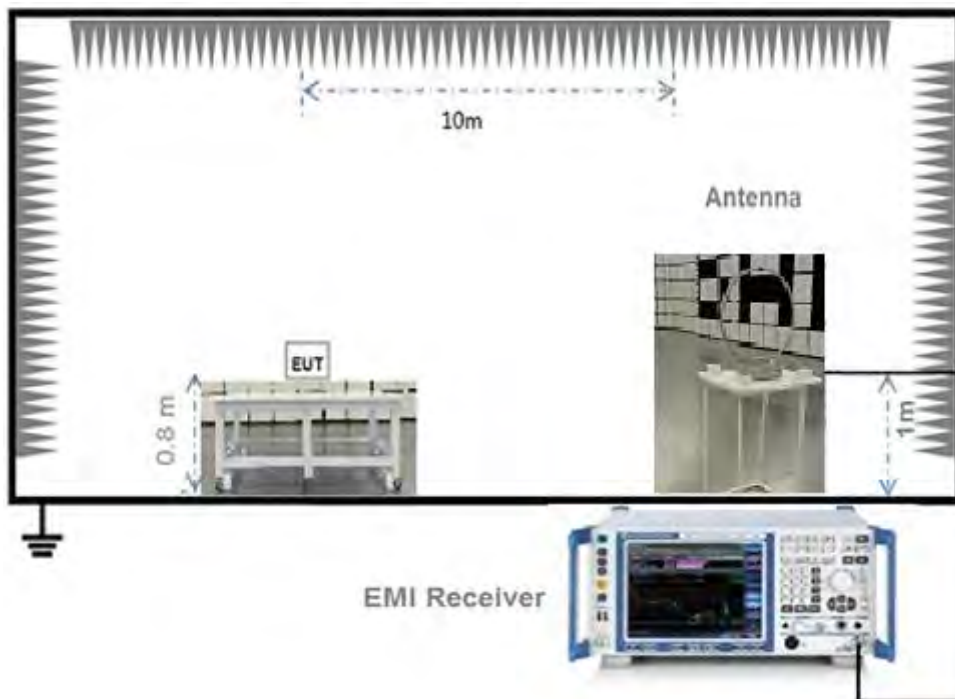
(Diagram 1)

4.5.2 For AC Power Supply Port Test



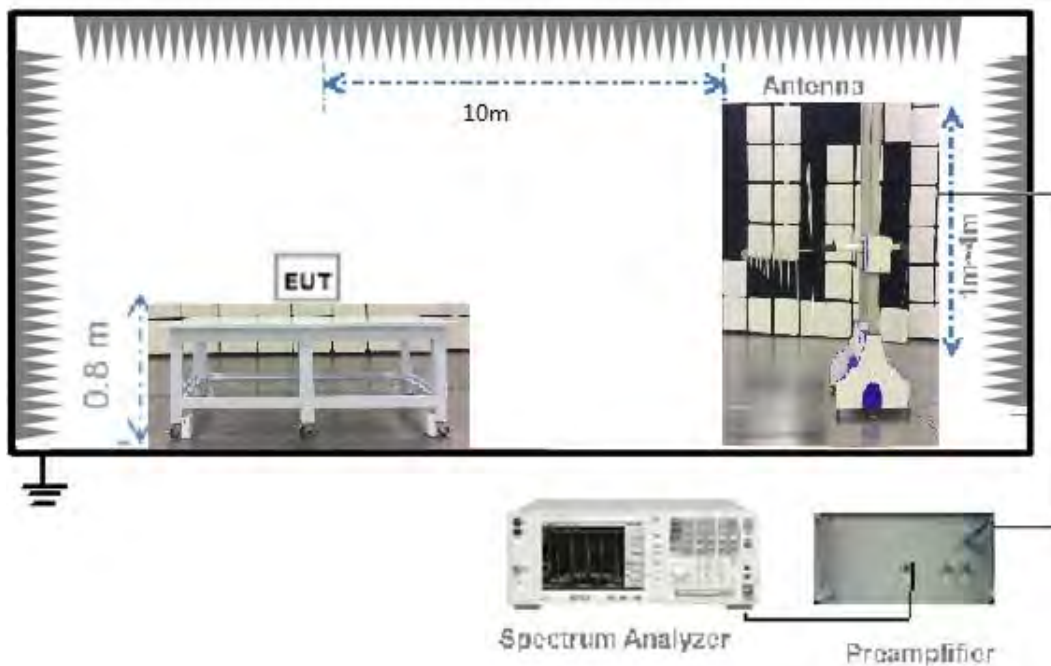
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



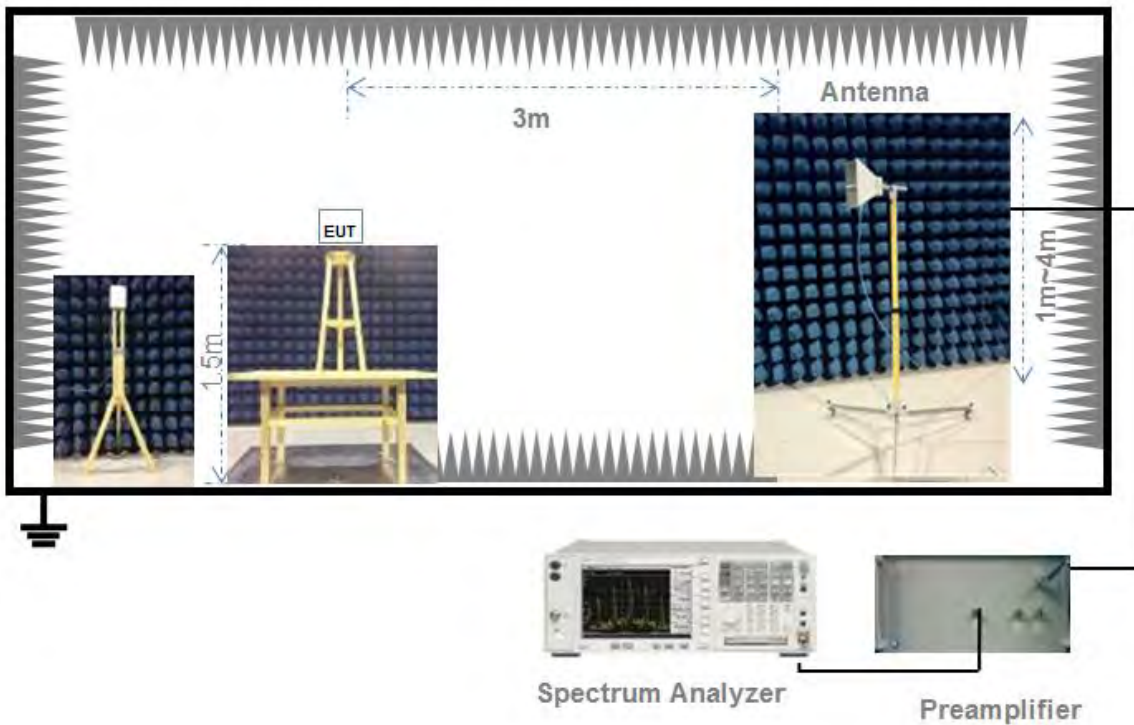
(Diagram 3)

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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*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 ($\mu\text{V}/\text{m}$)	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.

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

- 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).
- 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).
- 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).
- 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 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

Determining the applicable transmit antenna gain

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

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that

is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.36	1.61	84.26%	0.74
11n (HT20)/11ac (VHT20)	1.27	1.53	83.41%	0.79
11n (HT40)/11ac (VHT40)	0.64	0.89	71.46%	1.46
11ac (VHT80)	0.31	0.57	55.27%	2.57

Test DataConducted PowerSISO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.76	59.70	250	Pass
11a	CH44	17.78	59.98	250	Pass
11a	CH48	17.86	61.09	250	Pass
11n (HT20)	CH36	17.74	59.43	250	Pass
11n (HT20)	CH44	17.77	59.84	250	Pass
11n (HT20)	CH48	17.94	62.23	250	Pass
11n (HT40)	CH38	17.43	55.34	250	Pass
11n (HT40)	CH46	16.94	49.43	250	Pass
11ac (VHT20)	CH36	16.79	47.75	250	Pass
11ac (VHT20)	CH44	16.96	49.66	250	Pass
11ac (VHT20)	CH48	16.71	46.88	250	Pass
11ac (VHT40)	CH38	17.84	60.81	250	Pass
11ac (VHT40)	CH46	16.82	48.08	250	Pass
11ac (VHT80)	CH42	15.22	33.27	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.68	58.61	1000	Pass
11a	CH157	17.68	58.61	1000	Pass
11a	CH165	17.75	59.57	1000	Pass
11n (HT20)	CH149	17.70	58.88	1000	Pass
11n (HT20)	CH157	17.71	59.02	1000	Pass
11n (HT20)	CH165	17.76	59.70	1000	Pass
11n (HT40)	CH151	16.84	48.31	1000	Pass
11n (HT40)	CH159	16.63	46.03	1000	Pass
11ac (VHT20)	CH149	16.78	47.64	1000	Pass
11ac (VHT20)	CH157	16.72	46.99	1000	Pass
11ac (VHT20)	CH165	16.65	46.24	1000	Pass
11ac (VHT40)	CH151	16.95	49.55	1000	Pass
11ac (VHT40)	CH159	16.62	45.92	1000	Pass
11ac (VHT80)	CH155	14.84	30.48	1000	Pass

SISO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.86	61.09	250	Pass
11a	CH44	17.95	62.37	250	Pass
11a	CH48	17.76	59.70	250	Pass
11n (HT20)	CH36	20.01	100.23	250	Pass
11n (HT20)	CH44	17.90	61.66	250	Pass
11n (HT20)	CH48	17.94	62.23	250	Pass
11n (HT40)	CH38	16.71	46.88	250	Pass
11n (HT40)	CH46	16.79	47.75	250	Pass
11ac (VHT20)	CH36	16.67	46.45	250	Pass
11ac (VHT20)	CH44	16.88	48.75	250	Pass
11ac (VHT20)	CH48	16.88	48.75	250	Pass
11ac (VHT40)	CH38	16.69	46.67	250	Pass
11ac (VHT40)	CH46	16.87	48.64	250	Pass
11ac (VHT80)	CH42	15.08	32.21	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.68	58.61	1000	Pass
11a	CH157	17.93	62.09	1000	Pass
11a	CH165	17.93	62.09	1000	Pass
11n (HT20)	CH149	17.86	61.09	1000	Pass
11n (HT20)	CH157	17.80	60.26	1000	Pass
11n (HT20)	CH165	17.88	61.38	1000	Pass
11n (HT40)	CH151	16.98	49.89	1000	Pass
11n (HT40)	CH159	16.90	48.98	1000	Pass
11ac (VHT20)	CH149	16.87	48.64	1000	Pass
11ac (VHT20)	CH157	16.93	49.32	1000	Pass
11ac (VHT20)	CH165	16.84	48.31	1000	Pass
11ac (VHT40)	CH151	16.87	48.64	1000	Pass
11ac (VHT40)	CH159	16.97	49.77	1000	Pass
11ac (VHT80)	CH155	14.95	31.26	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)

Note¹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 7.44 dBi

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

Note²: FCC Limit=24dBm(250mW)-(7.44-6)dbi=22.56dBm(180.30mW)

Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.85	30.55	180.30	Pass
11a	CH44	14.76	29.92	180.30	Pass
11a	CH48	14.77	29.99	180.30	Pass
11n (HT20)	CH36	14.78	30.06	250	Pass
11n (HT20)	CH44	14.66	29.24	250	Pass
11n (HT20)	CH48	14.93	31.12	250	Pass
11n (HT40)	CH38	15.57	36.06	250	Pass
11n (HT40)	CH46	13.83	24.15	250	Pass
11ac (VHT20)	CH36	13.94	24.77	250	Pass
11ac (VHT20)	CH44	13.79	23.93	250	Pass
11ac (VHT20)	CH48	13.96	24.89	250	Pass
11ac (VHT40)	CH38	15.89	38.82	250	Pass
11ac (VHT40)	CH46	13.84	24.21	250	Pass
11ac (VHT80)	CH42	13.21	20.94	250	Pass

U-NII-3 (5725 - 5850 MHz)

Note³: Transmitting antennas of directional gain in U-NII-3 (5725 - 5850 MHz) is 7.43 dBi

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

Note⁴: FCC Limit=30dBm(1000mW)-(7.43-6)dbi=28.57dBm(719.45mW)

Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.96	31.33	719.45	Pass
11a	CH157	14.88	30.76	719.45	Pass
11a	CH165	14.91	30.97	719.45	Pass
11n (HT20)	CH149	14.91	30.97	1000	Pass
11n (HT20)	CH157	14.86	30.62	1000	Pass
11n (HT20)	CH165	14.91	30.97	1000	Pass
11n (HT40)	CH151	13.75	23.71	1000	Pass
11n (HT40)	CH159	13.88	24.43	1000	Pass
11ac (VHT20)	CH149	13.83	24.15	1000	Pass
11ac (VHT20)	CH157	13.94	24.77	1000	Pass
11ac (VHT20)	CH165	13.79	23.93	1000	Pass
11ac (VHT40)	CH151	13.72	23.55	1000	Pass
11ac (VHT40)	CH159	13.88	24.43	1000	Pass
11ac (VHT80)	CH155	11.92	15.56	1000	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)

Note⁵: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 7.44 dBi

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

Note⁶: FCC Limit=24dBm(250mW)-(7.44-6)dbi=22.56dBm(180.30mW)

Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.79	30.13	180.30	Pass
11a	CH44	14.93	31.12	180.30	Pass
11a	CH48	14.96	31.33	180.30	Pass
11n (HT20)	CH36	14.93	31.12	250	Pass
11n (HT20)	CH44	14.78	30.06	250	Pass
11n (HT20)	CH48	14.80	30.20	250	Pass
11n (HT40)	CH38	13.97	24.95	250	Pass
11n (HT40)	CH46	13.97	24.95	250	Pass
11ac (VHT20)	CH36	13.86	24.32	250	Pass
11ac (VHT20)	CH44	13.97	24.95	250	Pass
11ac (VHT20)	CH48	13.94	24.77	250	Pass
11ac (VHT40)	CH38	16.21	41.78	250	Pass
11ac (VHT40)	CH46	13.96	24.89	250	Pass
11ac (VHT80)	CH42	14.06	25.47	250	Pass

U-NII-3 (5725 - 5850 MHz)

Note⁷: Transmitting antennas of directional gain in U-NII-3 (5725 - 5850 MHz) is 7.43 dBi

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

Note⁸: FCC Limit=30dBm(1000mW)-(7.43-6)dbi=28.57dBm(719.45mW)

Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.93	31.12	719.45	Pass
11a	CH157	14.87	30.69	719.45	Pass
11a	CH165	14.89	30.83	719.45	Pass
11n (HT20)	CH149	14.93	31.12	1000	Pass
11n (HT20)	CH157	14.95	31.26	1000	Pass
11n (HT20)	CH165	14.92	31.05	1000	Pass
11n (HT40)	CH151	13.93	24.72	1000	Pass
11n (HT40)	CH159	13.84	24.21	1000	Pass
11ac (VHT20)	CH149	13.92	24.66	1000	Pass
11ac (VHT20)	CH157	13.84	24.21	1000	Pass
11ac (VHT20)	CH165	13.95	24.83	1000	Pass
11ac (VHT40)	CH151	13.94	24.77	1000	Pass
11ac (VHT40)	CH159	13.89	24.49	1000	Pass
11ac (VHT80)	CH155	11.75	14.96	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)

Note⁹: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 7.44 dBi

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

Note¹⁰: FCC Limit=24dBm(250mW)-(7.44-6)dbi=22.56dBm(180.30mW)

Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.83	60.68	180.30	Pass
11a	CH44	17.86	61.04	180.30	Pass
11a	CH48	17.88	61.32	180.30	Pass
11n (HT20)	CH36	17.87	61.18	250	Pass
11n (HT20)	CH44	17.73	59.30	250	Pass
11n (HT20)	CH48	17.88	61.32	250	Pass
11n (HT40)	CH38	17.85	61.00	250	Pass
11n (HT40)	CH46	16.91	49.10	250	Pass
11ac (VHT20)	CH36	16.91	49.10	250	Pass
11ac (VHT20)	CH44	16.89	48.88	250	Pass
11ac (VHT20)	CH48	16.96	49.66	250	Pass
11ac (VHT40)	CH38	19.06	80.60	250	Pass
11ac (VHT40)	CH46	16.91	49.10	250	Pass
11ac (VHT80)	CH42	16.67	46.41	250	Pass

U-NII-3 (5725 - 5850 MHz)

Note¹¹: Transmitting antennas of directional gain in U-NII-3 (5725 - 5850 MHz) is 7.43 dBi

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

Note¹²: FCC Limit=30dBm(1000mW)-(7.43-6)dbi=28.57dBm(719.45mW)

Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.96	62.45	719.45	Pass
11a	CH157	17.89	61.45	719.45	Pass
11a	CH165	17.91	61.81	719.45	Pass
11n (HT20)	CH149	17.93	62.09	1000	Pass
11n (HT20)	CH157	17.92	61.88	1000	Pass
11n (HT20)	CH165	17.93	62.02	1000	Pass
11n (HT40)	CH151	16.85	48.43	1000	Pass
11n (HT40)	CH159	16.87	48.64	1000	Pass
11ac (VHT20)	CH149	16.89	48.82	1000	Pass
11ac (VHT20)	CH157	16.90	48.98	1000	Pass
11ac (VHT20)	CH165	16.88	48.76	1000	Pass
11ac (VHT40)	CH151	16.84	48.32	1000	Pass
11ac (VHT40)	CH159	16.90	48.92	1000	Pass
11ac (VHT80)	CH155	14.85	30.52	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2470113-602 Data Part 1.pdf”.

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

Test Data

SISO-Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.49	16.34
11a	CH44	18.53	16.36
11a	CH48	18.58	16.38
11n (HT20)	CH36	19.46	17.52
11n (HT20)	CH44	19.51	17.54
11n (HT20)	CH48	19.51	17.55
11n (HT40)	CH38	55.58	36.36
11n (HT40)	CH46	56.08	36.44
11ac (VHT20)	CH36	19.46	17.53
11ac (VHT20)	CH44	19.44	17.55
11ac (VHT20)	CH48	19.43	17.54
11ac (VHT40)	CH38	41.20	36.25
11ac (VHT40)	CH46	41.52	36.29
11ac (VHT80)	CH42	124.40	75.81

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	18.53	16.36
11a	CH157	18.57	16.36
11a	CH165	18.55	16.37
11n (HT20)	CH149	19.49	17.54
11n (HT20)	CH157	19.53	17.53
11n (HT20)	CH165	19.49	17.54
11n (HT40)	CH151	56.67	36.46
11n (HT40)	CH159	41.27	36.37
11ac (VHT20)	CH149	19.45	17.54
11ac (VHT20)	CH157	19.49	17.54
11ac (VHT20)	CH165	19.49	17.55
11ac (VHT40)	CH151	41.50	36.28
11ac (VHT40)	CH159	41.41	36.27
11ac (VHT80)	CH155	136.20	75.90

SISO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.56	16.38
11a	CH44	20.23	16.39
11a	CH48	20.11	16.39
11n (HT20)	CH36	25.04	17.57
11n (HT20)	CH44	32.60	17.63
11n (HT20)	CH48	24.79	17.61
11n (HT40)	CH38	65.79	36.34
11n (HT40)	CH46	76.86	36.42
11ac (VHT20)	CH36	24.28	17.57
11ac (VHT20)	CH44	23.79	17.58
11ac (VHT20)	CH48	25.74	17.59
11ac (VHT40)	CH38	40.70	36.16
11ac (VHT40)	CH46	75.74	36.61
11ac (VHT80)	CH42	81.64	75.30

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.48	16.41
11a	CH157	18.62	16.40
11a	CH165	34.60	16.45
11n (HT20)	CH149	20.49	17.57
11n (HT20)	CH157	28.31	17.57
11n (HT20)	CH165	27.45	17.57
11n (HT40)	CH151	70.84	36.38
11n (HT40)	CH159	40.13	36.37
11ac (VHT20)	CH149	25.13	17.57
11ac (VHT20)	CH157	27.11	17.59
11ac (VHT20)	CH165	23.87	17.58
11ac (VHT40)	CH151	77.91	36.38
11ac (VHT40)	CH159	77.65	36.43
11ac (VHT80)	CH155	141.90	75.74

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2470113-602 Data Part 2.pdf”.

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

Test Data

SISO-Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n (HT20)	CH149	17.80	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	35.90	500.00	Pass
11n (HT40)	CH159	35.80	500.00	Pass
11ac (VHT20)	CH149	17.80	500.00	Pass
11ac (VHT20)	CH157	17.80	500.00	Pass
11ac (VHT20)	CH165	17.80	500.00	Pass
11ac (VHT40)	CH151	35.60	500.00	Pass
11ac (VHT40)	CH159	35.40	500.00	Pass
11ac (VHT80)	CH155	75.40	500.00	Pass

SISO-Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n (HT20)	CH149	17.80	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.50	500.00	Pass
11ac (VHT20)	CH149	16.50	500.00	Pass
11ac (VHT20)	CH157	16.50	500.00	Pass
11ac (VHT20)	CH165	16.50	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.50	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2470113-602 Data Part 3.pdf”.

Note ²: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band of the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

SISO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.19	11.00	Pass
11a	CH44	5.19	11.00	Pass
11a	CH48	5.29	11.00	Pass
11n (HT20)	CH36	5.06	11.00	Pass
11n (HT20)	CH44	5.18	11.00	Pass
11n (HT20)	CH48	5.13	11.00	Pass
11n (HT40)	CH38	-0.38	11.00	Pass
11n (HT40)	CH46	1.47	11.00	Pass
11ac (VHT20)	CH36	4.85	11.00	Pass
11ac (VHT20)	CH44	4.70	11.00	Pass
11ac (VHT20)	CH48	4.28	11.00	Pass
11ac (VHT40)	CH38	-0.24	11.00	Pass
11ac (VHT40)	CH46	1.85	11.00	Pass
11ac (VHT80)	CH42	-5.05	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.62	30.00	Pass
11a	CH157	2.13	30.00	Pass
11a	CH165	2.19	30.00	Pass
11n (HT20)	CH149	2.16	30.00	Pass
11n (HT20)	CH157	1.92	30.00	Pass
11n (HT20)	CH165	1.68	30.00	Pass
11n (HT40)	CH151	-1.07	30.00	Pass
11n (HT40)	CH159	-1.29	30.00	Pass
11ac (VHT20)	CH149	1.93	30.00	Pass
11ac (VHT20)	CH157	1.53	30.00	Pass
11ac (VHT20)	CH165	1.34	30.00	Pass
11ac (VHT40)	CH151	-0.56	30.00	Pass
11ac (VHT40)	CH159	-1.19	30.00	Pass
11ac (VHT80)	CH155	-5.12	30.00	Pass

SISO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.11	11.00	Pass
11a	CH44	4.65	11.00	Pass
11a	CH48	4.57	11.00	Pass
11n (HT20)	CH36	4.09	11.00	Pass
11n (HT20)	CH44	5.18	11.00	Pass
11n (HT20)	CH48	5.57	11.00	Pass
11n (HT40)	CH38	-0.48	11.00	Pass
11n (HT40)	CH46	2.59	11.00	Pass
11ac (VHT20)	CH36	4.20	11.00	Pass
11ac (VHT20)	CH44	4.33	11.00	Pass
11ac (VHT20)	CH48	4.39	11.00	Pass
11ac (VHT40)	CH38	0.49	11.00	Pass
11ac (VHT40)	CH46	2.68	11.00	Pass
11ac (VHT80)	CH42	-5.43	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.62	30.00	Pass
11a	CH157	2.52	30.00	Pass
11a	CH165	2.34	30.00	Pass
11n (HT20)	CH149	2.37	30.00	Pass
11n (HT20)	CH157	1.30	30.00	Pass
11n (HT20)	CH165	1.28	30.00	Pass
11n (HT40)	CH151	-0.23	30.00	Pass
11n (HT40)	CH159	-0.28	30.00	Pass
11ac (VHT20)	CH149	2.43	30.00	Pass
11ac (VHT20)	CH157	2.18	30.00	Pass
11ac (VHT20)	CH165	2.02	30.00	Pass
11ac (VHT40)	CH151	-0.24	30.00	Pass
11ac (VHT40)	CH159	-0.42	30.00	Pass
11ac (VHT80)	CH155	-4.48	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)

Note 1: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 7.44 dBi

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

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

Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.54	9.56	Pass
11a	CH44	3.54	9.56	Pass
11a	CH48	3.38	9.56	Pass
11n (HT20)	CH36	3.26	11.00	Pass
11n (HT20)	CH44	2.72	11.00	Pass
11n (HT20)	CH48	2.80	11.00	Pass
11n (HT40)	CH38	-1.61	11.00	Pass
11n (HT40)	CH46	-0.66	11.00	Pass
11ac (VHT20)	CH36	2.36	11.00	Pass
11ac (VHT20)	CH44	1.81	11.00	Pass
11ac (VHT20)	CH48	1.84	11.00	Pass
11ac (VHT40)	CH38	-1.68	11.00	Pass
11ac (VHT40)	CH46	-0.17	11.00	Pass
11ac (VHT80)	CH42	-7.26	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note 3: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 7.43 dBi

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

Note 4: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.41	28.57	Pass
11a	CH157	0.51	28.57	Pass
11a	CH165	0.56	28.57	Pass
11n (HT20)	CH149	0.79	30.00	Pass
11n (HT20)	CH157	-0.07	30.00	Pass
11n (HT20)	CH165	-0.09	30.00	Pass
11n (HT40)	CH151	-3.41	30.00	Pass
11n (HT40)	CH159	-3.49	30.00	Pass
11ac (VHT20)	CH149	-0.75	30.00	Pass
11ac (VHT20)	CH157	-0.69	30.00	Pass
11ac (VHT20)	CH165	-0.75	30.00	Pass
11ac (VHT40)	CH151	-3.29	30.00	Pass
11ac (VHT40)	CH159	-3.53	30.00	Pass
11ac (VHT80)	CH155	-8.25	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)

Note 5: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 7.44 dBi

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

Note 6: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.35	9.56	Pass
11a	CH44	3.21	9.56	Pass
11a	CH48	3.25	9.56	Pass
11n (HT20)	CH36	2.82	11.00	Pass
11n (HT20)	CH44	2.23	11.00	Pass
11n (HT20)	CH48	2.48	11.00	Pass
11n (HT40)	CH38	-0.96	11.00	Pass
11n (HT40)	CH46	-0.65	11.00	Pass
11ac (VHT20)	CH36	1.90	11.00	Pass
11ac (VHT20)	CH44	1.68	11.00	Pass
11ac (VHT20)	CH48	1.76	11.00	Pass
11ac (VHT40)	CH38	-0.59	11.00	Pass
11ac (VHT40)	CH46	-0.74	11.00	Pass
11ac (VHT80)	CH42	-5.23	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note 7: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 7.43 dBi

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

Note 8: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.01	28.57	Pass
11a	CH157	0.10	28.57	Pass
11a	CH165	-0.43	28.57	Pass
11n (HT20)	CH149	-0.31	30.00	Pass
11n (HT20)	CH157	-0.36	30.00	Pass
11n (HT20)	CH165	-0.37	30.00	Pass
11n (HT40)	CH151	-3.89	30.00	Pass
11n (HT40)	CH159	-4.57	30.00	Pass
11ac (VHT20)	CH149	-0.84	30.00	Pass
11ac (VHT20)	CH157	-0.74	30.00	Pass
11ac (VHT20)	CH165	-0.81	30.00	Pass
11ac (VHT40)	CH151	-2.80	30.00	Pass
11ac (VHT40)	CH159	-3.52	30.00	Pass
11ac (VHT80)	CH155	-8.03	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)

Note 9: Transmitting antennas of directional gain in U-NII-1(5150 MHz to 5250 MHz) is 7.44 dBi

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

Note 10: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.45	9.56	Pass
11a	CH44	6.39	9.56	Pass
11a	CH48	6.32	9.56	Pass
11n (HT20)	CH36	6.05	11.00	Pass
11n (HT20)	CH44	5.49	11.00	Pass
11n (HT20)	CH48	5.65	11.00	Pass
11n (HT40)	CH38	1.74	11.00	Pass
11n (HT40)	CH46	2.36	11.00	Pass
11ac (VHT20)	CH36	5.14	11.00	Pass
11ac (VHT20)	CH44	4.76	11.00	Pass
11ac (VHT20)	CH48	4.81	11.00	Pass
11ac (VHT40)	CH38	1.91	11.00	Pass
11ac (VHT40)	CH46	2.57	11.00	Pass
11ac (VHT80)	CH42	-3.12	11.00	Pass

U-NII-3 (5725 - 5850 MHz)

Note 11: Transmitting antennas of directional gain in U-NII-3 (5725 MHz to 5850 MHz) is 7.43 dBi

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

Note 12: The total PSD method used the sum spectra maxima across the outputs.

Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.77	28.57	Pass
11a	CH157	3.32	28.57	Pass
11a	CH165	3.10	28.57	Pass
11n (HT20)	CH149	3.29	30.00	Pass
11n (HT20)	CH157	2.80	30.00	Pass
11n (HT20)	CH165	2.79	30.00	Pass
11n (HT40)	CH151	-0.63	30.00	Pass
11n (HT40)	CH159	-0.99	30.00	Pass
11ac (VHT20)	CH149	2.22	30.00	Pass
11ac (VHT20)	CH157	2.29	30.00	Pass
11ac (VHT20)	CH165	2.23	30.00	Pass
11ac (VHT40)	CH151	-0.03	30.00	Pass
11ac (VHT40)	CH159	-0.51	30.00	Pass
11ac (VHT80)	CH155	-5.13	30.00	Pass

A.5 Conducted Emissions

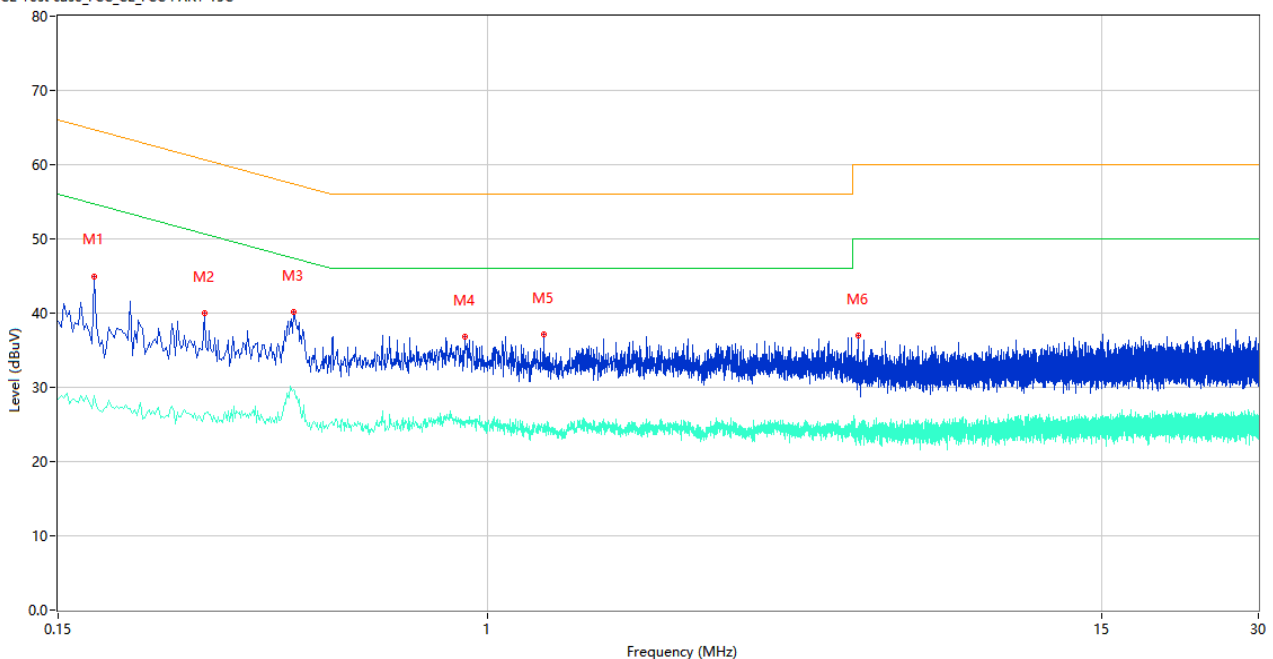
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

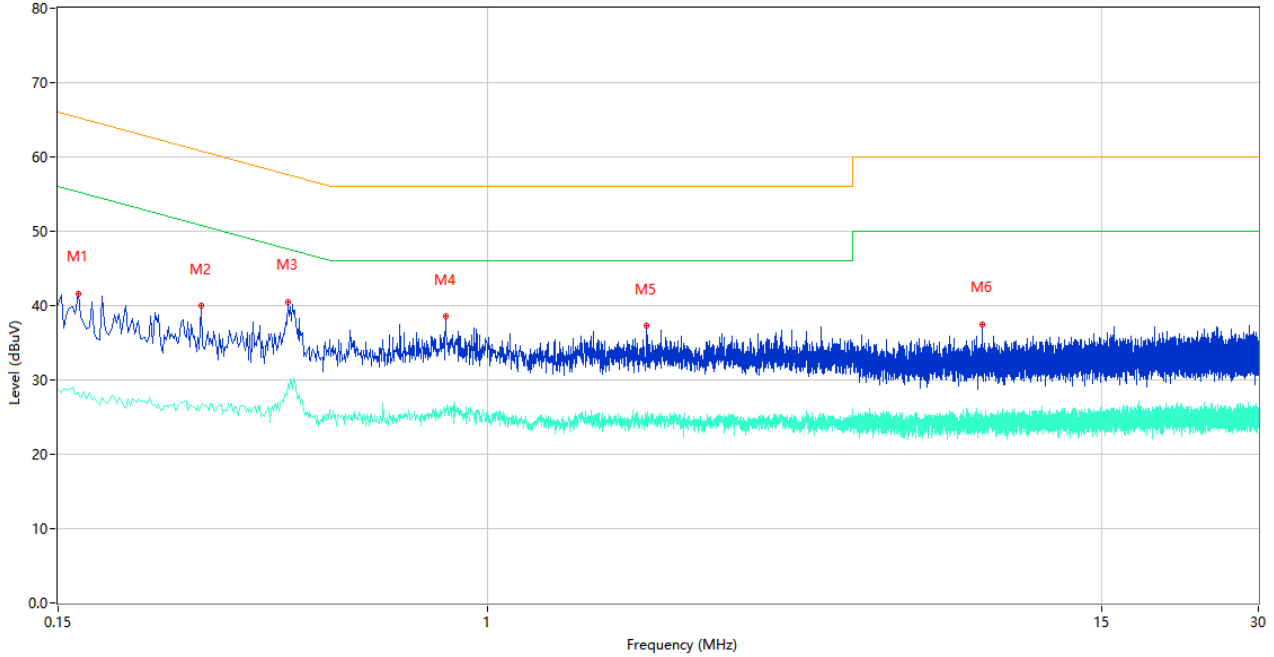
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.176	44.94	9.78	64.67	19.73	Peak	L	Pass
1**	0.176	28.92	9.78	54.67	25.75	AV	L	Pass
2	0.286	39.98	9.76	60.64	20.66	Peak	L	Pass
2**	0.286	26.44	9.76	50.64	24.20	AV	L	Pass
3	0.424	40.15	10.30	57.37	17.22	Peak	L	Pass
3**	0.424	29.63	10.30	47.37	17.74	AV	L	Pass
4	0.902	36.78	10.17	56.00	19.22	Peak	L	Pass
4**	0.902	25.33	10.17	46.00	20.67	AV	L	Pass
5	1.278	37.14	10.49	56.00	18.86	Peak	L	Pass
5**	1.278	24.95	10.49	46.00	21.05	AV	L	Pass
6	5.134	36.96	10.20	60.00	23.04	Peak	L	Pass
6**	5.134	24.57	10.20	50.00	25.43	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	0.164	41.66	9.78	65.26	23.60	Peak	N	Pass
1**	0.164	28.18	9.78	55.26	27.08	AV	N	Pass
2	0.282	39.99	9.76	60.76	20.77	Peak	N	Pass
2**	0.282	26.55	9.76	50.76	24.21	AV	N	Pass
3	0.414	40.48	10.41	57.57	17.09	Peak	N	Pass
3**	0.414	29.45	10.41	47.57	18.12	AV	N	Pass
4	0.830	38.49	10.58	56.00	17.51	Peak	N	Pass
4**	0.830	25.54	10.58	46.00	20.46	AV	N	Pass
5	2.012	37.26	10.30	56.00	18.74	Peak	N	Pass
5**	2.012	25.25	10.30	46.00	20.75	AV	N	Pass
6	8.854	37.53	10.39	60.00	22.47	Peak	N	Pass
6**	8.854	25.02	10.39	50.00	24.98	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.

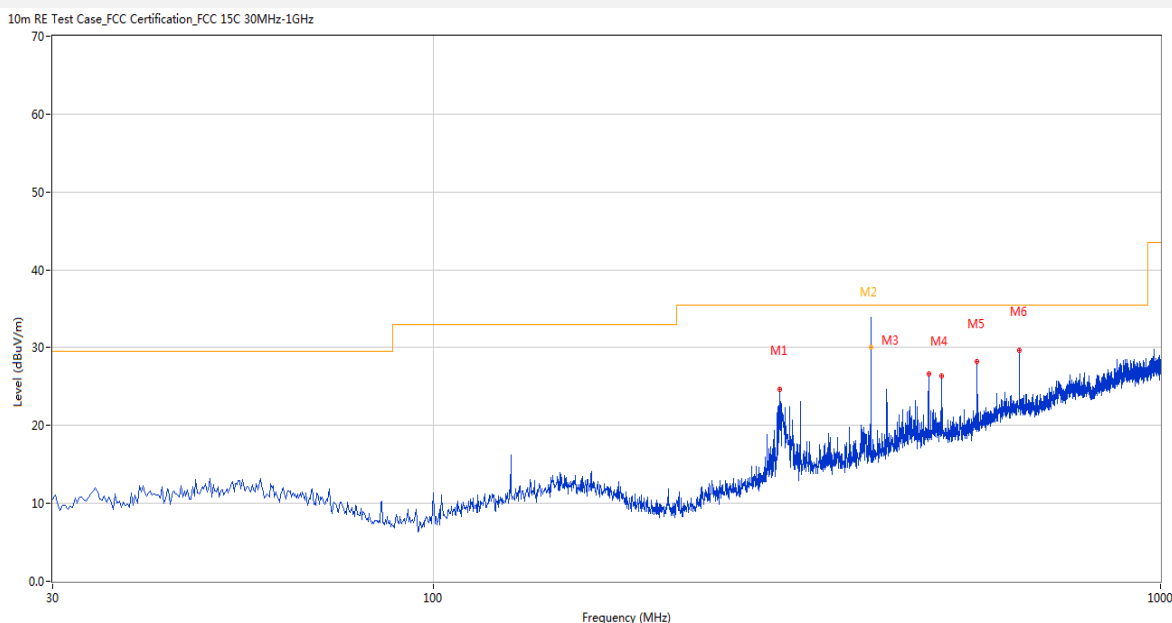
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

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

Test Data and Plots

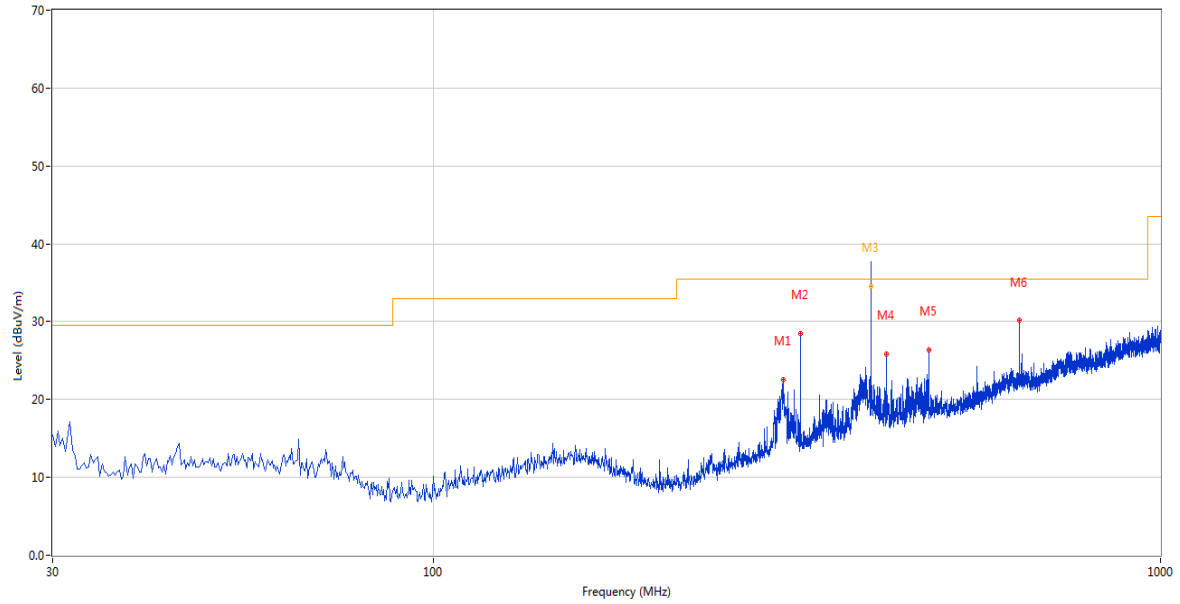
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	299.350	24.64	-24.83	35.5	10.86	Peak	118.00	200	Horizontal	Pass
2	399.997	32.36	-22.39	35.5	3.14	Peak	226.00	198	Horizontal	N/A
2*	399.997	30.02	-22.39	35.5	5.48	QP	226.00	198	Horizontal	Pass
3	479.968	26.68	-20.20	35.5	8.82	Peak	264.00	200	Horizontal	Pass
4	499.848	26.39	-19.33	35.5	9.11	Peak	210.00	100	Horizontal	Pass
5	559.973	28.15	-18.05	35.5	7.35	Peak	264.00	200	Horizontal	Pass
6	639.978	29.68	-15.87	35.5	5.82	Peak	215.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_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	303.472	22.52	-24.87	35.5	12.98	Peak	145.00	100	Vertical	Pass
2	319.958	28.47	-24.36	35.5	7.03	Peak	356.00	100	Vertical	Pass
3	399.997	36.30	-22.39	35.5	-0.80	Peak	264.00	100	Vertical	N/A
3*	399.997	34.56	-22.39	35.5	0.94	QP	264.00	100	Vertical	Pass
4	419.843	25.84	-21.76	35.5	9.66	Peak	0.00	100	Vertical	Pass
5	479.968	26.43	-20.20	35.5	9.07	Peak	75.00	100	Vertical	Pass
6	639.978	30.13	-15.87	35.5	5.37	Peak	96.00	200	Vertical	Pass

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

SISO-Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.900	39.84	-17.10	74.0	34.16	Peak	357.00	300	Horizontal	Pass
1**	1595.900	29.93	-17.10	54.0	24.07	AV	357.00	300	Horizontal	Pass
2	4378.000	50.18	-3.46	74.0	23.82	Peak	71.00	400	Horizontal	Pass
2**	4378.000	41.30	-3.46	54.0	12.70	AV	71.00	400	Horizontal	Pass
3	5175.000	101.42	-2.36	--	--	Peak	49.00	150	Horizontal	N/A
3**	5175.000	93.30	-2.36	--	--	AV	49.00	150	Horizontal	N/A
4	7633.937	49.74	-2.94	74.0	24.26	Peak	82.00	150	Horizontal	Pass
4**	7633.937	39.32	-2.94	54.0	14.68	AV	82.00	150	Horizontal	Pass
5	12295.175	53.08	1.57	74.0	20.92	Peak	50.00	100	Horizontal	Pass
5**	12295.175	44.14	1.57	54.0	9.86	AV	50.00	100	Horizontal	Pass
6	16168.013	55.95	1.11	74.0	18.05	Peak	323.00	300	Horizontal	Pass
6**	16168.013	46.49	1.11	54.0	7.51	AV	323.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	39.84	-16.98	74.0	34.16	Peak	119.00	300	Vertical	Pass
1**	1497.000	29.04	-16.98	54.0	24.96	AV	119.00	300	Vertical	Pass
2	4389.800	50.08	-3.33	74.0	23.92	Peak	107.00	400	Vertical	Pass
2**	4389.800	41.26	-3.33	54.0	12.74	AV	107.00	400	Vertical	Pass
3	5183.000	111.33	-2.54	--	--	Peak	17.00	100	Vertical	N/A
3**	5183.000	103.93	-2.54	--	--	AV	17.00	100	Vertical	N/A
4	9808.012	55.28	-0.05	68.2	12.92	Peak	37.00	150	Vertical	Pass
4**	9808.012	49.32	-0.05	--	--	AV	37.00	150	Vertical	N/A
5	12699.975	53.14	0.84	74.0	20.86	Peak	0.00	150	Vertical	Pass
5**	12699.975	43.05	0.84	54.0	10.95	AV	0.00	150	Vertical	Pass
6	15638.813	55.86	1.40	74.0	18.14	Peak	263.00	100	Vertical	Pass
6**	15638.813	46.01	1.40	54.0	7.99	AV	263.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.500	39.08	-16.84	74.0	34.92	Peak	187.00	200	Horizontal	Pass
1**	1505.500	30.23	-16.84	54.0	23.77	AV	187.00	200	Horizontal	Pass
2	4214.000	50.26	-4.43	74.0	23.74	Peak	306.00	400	Horizontal	Pass
2**	4214.000	40.23	-4.43	54.0	13.77	AV	306.00	400	Horizontal	Pass
3	5217.400	101.91	-2.72	--	--	Peak	19.00	150	Horizontal	N/A
3**	5217.400	93.91	-2.72	--	--	AV	19.00	150	Horizontal	N/A
4	7616.400	49.54	-2.58	74.0	24.46	Peak	297.00	400	Horizontal	Pass
4**	7616.400	40.08	-2.58	54.0	13.92	AV	297.00	400	Horizontal	Pass
5	11054.037	53.42	-0.72	74.0	20.58	Peak	180.00	200	Horizontal	Pass
5**	11054.037	43.20	-0.72	54.0	10.80	AV	180.00	200	Horizontal	Pass
6	15798.674	56.00	2.29	74.0	18.00	Peak	0.00	200	Horizontal	Pass
6**	15798.674	47.59	2.29	54.0	6.41	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.400	39.19	-16.83	74.0	34.81	Peak	98.00	300	Vertical	Pass
1**	1506.400	29.83	-16.83	54.0	24.17	AV	98.00	300	Vertical	Pass
2	4380.400	50.00	-3.39	74.0	24.00	Peak	360.00	300	Vertical	Pass
2**	4380.400	42.39	-3.39	54.0	11.61	AV	360.00	300	Vertical	Pass
3	5217.000	111.57	-2.68	--	--	Peak	20.00	100	Vertical	N/A
3**	5217.000	103.40	-2.68	--	--	AV	20.00	100	Vertical	N/A
4	7339.825	50.52	-2.95	74.0	23.48	Peak	32.00	400	Vertical	Pass
4**	7339.825	41.11	-2.95	54.0	12.89	AV	32.00	400	Vertical	Pass
5	12324.213	53.88	1.42	74.0	20.12	Peak	0.00	200	Vertical	Pass
5**	12324.213	44.52	1.42	54.0	9.48	AV	0.00	200	Vertical	Pass
6	15813.900	55.91	2.08	74.0	18.09	Peak	172.00	150	Vertical	Pass
6**	15813.900	47.11	2.08	54.0	6.89	AV	172.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.400	39.78	-16.81	74.0	34.22	Peak	0.00	100	Horizontal	Pass
1**	1561.400	29.53	-16.81	54.0	24.47	AV	0.00	100	Horizontal	Pass
2	4106.400	50.26	-5.11	74.0	23.74	Peak	66.00	300	Horizontal	Pass
2**	4106.400	39.74	-5.11	54.0	14.26	AV	66.00	300	Horizontal	Pass
3	5237.000	101.66	-2.52	--	--	Peak	55.00	200	Horizontal	N/A
3**	5237.000	93.51	-2.52	--	--	AV	55.00	200	Horizontal	N/A
4	7335.800	49.90	-3.23	74.0	24.10	Peak	209.00	300	Horizontal	Pass
4**	7335.800	41.52	-3.23	54.0	12.48	AV	209.00	300	Horizontal	Pass
5	11502.825	53.24	-0.02	74.0	20.76	Peak	246.00	150	Horizontal	Pass
5**	11502.825	44.02	-0.02	54.0	9.98	AV	246.00	150	Horizontal	Pass
6	15800.250	56.15	2.33	74.0	17.85	Peak	140.00	100	Horizontal	Pass
6**	15800.250	47.00	2.33	54.0	7.00	AV	140.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.800	41.34	-16.85	74.0	32.66	Peak	104.00	200	Vertical	Pass
1**	1495.800	30.24	-16.85	54.0	23.76	AV	104.00	200	Vertical	Pass
2	4386.200	50.01	-3.27	74.0	23.99	Peak	73.00	300	Vertical	Pass
2**	4386.200	41.69	-3.27	54.0	12.31	AV	73.00	300	Vertical	Pass
3	5237.600	111.64	-2.54	--	--	Peak	29.00	150	Vertical	N/A
3**	5237.600	104.03	-2.54	--	--	AV	29.00	150	Vertical	N/A
4	7331.200	50.45	-3.38	74.0	23.55	Peak	0.00	400	Vertical	Pass
4**	7331.200	40.25	-3.38	54.0	13.75	AV	0.00	400	Vertical	Pass
5	12300.925	53.82	1.46	74.0	20.18	Peak	295.00	150	Vertical	Pass
5**	12300.925	43.49	1.46	54.0	10.51	AV	295.00	150	Vertical	Pass
6	15641.437	55.91	1.32	74.0	18.09	Peak	350.00	300	Vertical	Pass
6**	15641.437	46.38	1.32	54.0	7.62	AV	350.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	39.13	-16.91	74.0	34.87	Peak	83.00	400	Horizontal	Pass
1**	1496.600	29.20	-16.91	54.0	24.80	AV	83.00	400	Horizontal	Pass
2	4378.200	50.27	-3.44	74.0	23.73	Peak	303.00	400	Horizontal	Pass
2**	4378.200	41.32	-3.44	54.0	12.68	AV	303.00	400	Horizontal	Pass
3	5181.200	101.18	-2.66	--	--	Peak	350.00	200	Horizontal	N/A
3**	5181.200	93.12	-2.66	--	--	AV	350.00	200	Horizontal	N/A
4	7347.300	49.80	-3.66	74.0	24.20	Peak	67.00	200	Horizontal	Pass
4**	7347.300	41.28	-3.66	54.0	12.72	AV	67.00	200	Horizontal	Pass
5	11219.637	53.33	-0.21	74.0	20.67	Peak	216.00	150	Horizontal	Pass
5**	11219.637	43.46	-0.21	54.0	10.54	AV	216.00	150	Horizontal	Pass
6	15635.662	56.24	1.53	74.0	17.76	Peak	360.00	200	Horizontal	Pass
6**	15635.662	46.02	1.53	54.0	7.98	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.900	38.84	-16.89	74.0	35.16	Peak	274.00	300	Vertical	Pass
1**	1500.900	29.31	-16.89	54.0	24.69	AV	274.00	300	Vertical	Pass
2	4378.200	49.98	-3.44	74.0	24.02	Peak	242.00	300	Vertical	Pass
2**	4378.200	41.25	-3.44	54.0	12.75	AV	242.00	300	Vertical	Pass
3	5185.600	110.51	-2.42	--	--	Peak	219.00	200	Vertical	N/A
3**	5185.600	102.94	-2.42	--	--	AV	219.00	200	Vertical	N/A
4	7446.488	49.75	-3.15	74.0	24.25	Peak	319.00	100	Vertical	Pass
4**	7446.488	41.05	-3.15	54.0	12.95	AV	319.00	100	Vertical	Pass
5	12384.874	53.68	1.52	74.0	20.32	Peak	19.00	200	Vertical	Pass
5**	12384.874	44.94	1.52	54.0	9.06	AV	19.00	200	Vertical	Pass
6	15760.349	55.71	0.88	74.0	18.29	Peak	108.00	300	Vertical	Pass
6**	15760.349	44.59	0.88	54.0	9.41	AV	108.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.100	39.54	-17.16	74.0	34.46	Peak	61.00	100	Horizontal	Pass
1**	1480.100	28.77	-17.16	54.0	25.23	AV	61.00	100	Horizontal	Pass
2	4154.400	50.06	-4.86	74.0	23.94	Peak	136.00	300	Horizontal	Pass
2**	4154.400	39.67	-4.86	54.0	14.33	AV	136.00	300	Horizontal	Pass
3	5225.600	101.15	-2.56	--	--	Peak	360.00	200	Horizontal	N/A
3**	5225.600	93.25	-2.56	--	--	AV	360.00	200	Horizontal	N/A
4	7319.700	49.65	-3.04	74.0	24.35	Peak	87.00	200	Horizontal	Pass
4**	7319.700	42.10	-3.04	54.0	11.90	AV	87.00	200	Horizontal	Pass
5	12339.738	53.86	1.29	74.0	20.14	Peak	0.00	100	Horizontal	Pass
5**	12339.738	43.23	1.29	54.0	10.77	AV	0.00	100	Horizontal	Pass
6	16086.375	56.04	1.50	74.0	17.96	Peak	222.00	100	Horizontal	Pass
6**	16086.375	46.22	1.50	54.0	7.78	AV	222.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	41.78	-16.87	74.0	32.22	Peak	100.00	400	Vertical	Pass
1**	1494.300	29.91	-16.87	54.0	24.09	AV	100.00	400	Vertical	Pass
2	4392.800	50.68	-3.61	74.0	23.32	Peak	227.00	300	Vertical	Pass
2**	4392.800	41.38	-3.61	54.0	12.62	AV	227.00	300	Vertical	Pass
3	5215.400	110.81	-2.56	--	--	Peak	227.00	200	Vertical	N/A
3**	5215.400	103.24	-2.56	--	--	AV	227.00	200	Vertical	N/A
4	7502.550	49.88	-3.08	74.0	24.12	Peak	0.00	100	Vertical	Pass
4**	7502.550	40.53	-3.08	54.0	13.47	AV	0.00	100	Vertical	Pass
5	12608.263	53.06	1.90	74.0	20.94	Peak	140.00	200	Vertical	Pass
5**	12608.263	45.05	1.90	54.0	8.95	AV	140.00	200	Vertical	Pass
6	15850.651	56.39	1.31	74.0	17.61	Peak	331.00	400	Vertical	Pass
6**	15850.651	46.88	1.31	54.0	7.12	AV	331.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.500	38.68	-17.22	74.0	35.32	Peak	313.00	400	Horizontal	Pass
1**	1514.500	29.08	-17.22	54.0	24.92	AV	313.00	400	Horizontal	Pass
2	4382.000	49.95	-3.64	74.0	24.05	Peak	337.00	300	Horizontal	Pass
2**	4382.000	40.82	-3.64	54.0	13.18	AV	337.00	300	Horizontal	Pass
3	5236.000	101.00	-2.52	--	--	Peak	337.00	150	Horizontal	N/A
3**	5236.000	93.64	-2.52	--	--	AV	337.00	150	Horizontal	N/A
4	7390.712	50.19	-3.91	74.0	23.81	Peak	303.00	100	Horizontal	Pass
4**	7390.712	40.66	-3.91	54.0	13.34	AV	303.00	100	Horizontal	Pass
5	12582.388	53.18	1.63	74.0	20.82	Peak	0.00	100	Horizontal	Pass
5**	12582.388	42.92	1.63	54.0	11.08	AV	0.00	100	Horizontal	Pass
6	16098.450	56.17	1.24	74.0	17.83	Peak	311.00	300	Horizontal	Pass
6**	16098.450	47.04	1.24	54.0	6.96	AV	311.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.000	39.65	-17.13	74.0	34.35	Peak	360.00	100	Vertical	Pass
1**	1441.000	29.18	-17.13	54.0	24.82	AV	360.00	100	Vertical	Pass
2	4119.600	50.09	-4.78	74.0	23.91	Peak	360.00	300	Vertical	Pass
2**	4119.600	39.74	-4.78	54.0	14.26	AV	360.00	300	Vertical	Pass
3	5242.200	111.22	-2.44	--	--	Peak	208.00	100	Vertical	N/A
3**	5242.200	103.28	-2.44	--	--	AV	208.00	100	Vertical	N/A
4	7345.000	50.14	-3.49	74.0	23.86	Peak	71.00	300	Vertical	Pass
4**	7345.000	40.65	-3.49	54.0	13.35	AV	71.00	300	Vertical	Pass
5	12526.037	52.95	1.36	74.0	21.05	Peak	200.00	100	Vertical	Pass
5**	12526.037	44.04	1.36	54.0	9.96	AV	200.00	100	Vertical	Pass
6	15854.588	56.16	1.20	74.0	17.84	Peak	220.00	300	Vertical	Pass
6**	15854.588	46.12	1.20	54.0	7.88	AV	220.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.500	39.75	-17.12	74.0	34.25	Peak	191.00	300	Horizontal	Pass
1**	1611.500	28.67	-17.12	54.0	25.33	AV	191.00	300	Horizontal	Pass
2	4120.600	50.48	-4.86	74.0	23.52	Peak	274.00	400	Horizontal	Pass
2**	4120.600	39.95	-4.86	54.0	14.05	AV	274.00	400	Horizontal	Pass
3	5185.600	99.15	-2.42	--	--	Peak	340.00	150	Horizontal	N/A
3**	5185.600	91.21	-2.42	--	--	AV	340.00	150	Horizontal	N/A
4	7361.675	50.48	-3.82	74.0	23.52	Peak	31.00	300	Horizontal	Pass
4**	7361.675	40.56	-3.82	54.0	13.44	AV	31.00	300	Horizontal	Pass
5	12296.325	52.66	1.55	74.0	21.34	Peak	80.00	200	Horizontal	Pass
5**	12296.325	44.23	1.55	54.0	9.77	AV	80.00	200	Horizontal	Pass
6	16054.088	56.57	0.78	74.0	17.43	Peak	360.00	400	Horizontal	Pass
6**	16054.088	45.51	0.78	54.0	8.49	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	40.86	-17.19	74.0	33.14	Peak	109.00	400	Vertical	Pass
1**	1498.100	31.15	-17.19	54.0	22.85	AV	109.00	400	Vertical	Pass
2	4390.800	50.18	-3.35	74.0	23.82	Peak	181.00	200	Vertical	Pass
2**	4390.800	42.39	-3.35	54.0	11.61	AV	181.00	200	Vertical	Pass
3	5206.800	109.21	-2.32	--	--	Peak	181.00	100	Vertical	N/A
3**	5206.800	101.12	-2.32	--	--	AV	181.00	100	Vertical	N/A
4	7392.150	49.77	-3.84	74.0	24.23	Peak	15.00	400	Vertical	Pass
4**	7392.150	40.62	-3.84	54.0	13.38	AV	15.00	400	Vertical	Pass
5	12239.112	52.91	1.08	74.0	21.09	Peak	173.00	200	Vertical	Pass
5**	12239.112	43.40	1.08	54.0	10.60	AV	173.00	200	Vertical	Pass
6	15848.287	56.32	1.34	74.0	17.68	Peak	316.00	300	Vertical	Pass
6**	15848.287	48.98	1.34	54.0	5.02	AV	316.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	39.13	-17.02	74.0	34.87	Peak	48.00	300	Horizontal	Pass
1**	1611.000	29.78	-17.02	54.0	24.22	AV	48.00	300	Horizontal	Pass
2	4380.600	50.61	-3.42	74.0	23.39	Peak	350.00	200	Horizontal	Pass
2**	4380.600	40.84	-3.42	54.0	13.16	AV	350.00	200	Horizontal	Pass
3	5228.200	98.35	-2.75	--	--	Peak	350.00	100	Horizontal	N/A
3**	5228.200	90.14	-2.75	--	--	AV	350.00	100	Horizontal	N/A
4	7330.625	49.35	-3.43	74.0	24.65	Peak	360.00	300	Horizontal	Pass
4**	7330.625	40.26	-3.43	54.0	13.74	AV	360.00	300	Horizontal	Pass
5	11930.625	52.63	1.58	74.0	21.37	Peak	302.00	100	Horizontal	Pass
5**	11930.625	43.23	1.58	54.0	10.77	AV	302.00	100	Horizontal	Pass
6	15683.963	55.85	1.47	74.0	18.15	Peak	302.00	100	Horizontal	Pass
6**	15683.963	46.11	1.47	54.0	7.89	AV	302.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.200	38.81	-17.29	74.0	35.19	Peak	93.00	200	Vertical	Pass
1**	1436.200	29.42	-17.29	54.0	24.58	AV	93.00	200	Vertical	Pass
2	4392.000	50.03	-3.50	74.0	23.97	Peak	260.00	200	Vertical	Pass
2**	4392.000	41.72	-3.50	54.0	12.28	AV	260.00	200	Vertical	Pass
3	5238.200	108.02	-2.56	--	--	Peak	235.00	150	Vertical	N/A
3**	5238.200	99.96	-2.56	--	--	AV	235.00	150	Vertical	N/A
4	7341.837	49.60	-3.15	74.0	24.40	Peak	194.00	200	Vertical	Pass
4**	7341.837	41.13	-3.15	54.0	12.87	AV	194.00	200	Vertical	Pass
5	12278.213	53.26	1.74	74.0	20.74	Peak	106.00	200	Vertical	Pass
5**	12278.213	43.83	1.74	54.0	10.17	AV	106.00	200	Vertical	Pass
6	15847.763	55.90	1.35	74.0	18.10	Peak	133.00	100	Vertical	Pass
6**	15847.763	47.00	1.35	54.0	7.00	AV	133.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.200	38.95	-17.05	74.0	35.05	Peak	146.00	100	Horizontal	Pass
1**	1508.200	29.10	-17.05	54.0	24.90	AV	146.00	100	Horizontal	Pass
2	4379.800	49.99	-3.28	74.0	24.01	Peak	354.00	200	Horizontal	Pass
2**	4379.800	41.76	-3.28	54.0	12.24	AV	354.00	200	Horizontal	Pass
3	5183.800	100.92	-2.50	--	--	Peak	354.00	200	Horizontal	N/A
3**	5183.800	93.25	-2.50	--	--	AV	354.00	200	Horizontal	N/A
4	7540.788	49.54	-2.87	74.0	24.46	Peak	0.00	300	Horizontal	Pass
4**	7540.788	39.93	-2.87	54.0	14.07	AV	0.00	300	Horizontal	Pass
5	12322.201	53.09	1.42	74.0	20.91	Peak	33.00	150	Horizontal	Pass
5**	12322.201	43.85	1.42	54.0	10.15	AV	33.00	150	Horizontal	Pass
6	16074.037	55.99	1.50	74.0	18.01	Peak	188.00	400	Horizontal	Pass
6**	16074.037	45.77	1.50	54.0	8.23	AV	188.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	39.95	-17.03	74.0	34.05	Peak	94.00	100	Vertical	Pass
1**	1499.500	33.06	-17.03	54.0	20.94	AV	94.00	100	Vertical	Pass
2	4364.000	51.33	-4.09	74.0	22.67	Peak	19.00	200	Vertical	Pass
2**	4364.000	40.61	-4.09	54.0	13.39	AV	19.00	200	Vertical	Pass
3	5183.800	110.62	-2.50	--	--	Peak	228.00	100	Vertical	N/A
3**	5183.800	103.38	-2.50	--	--	AV	228.00	100	Vertical	N/A
4	7342.700	49.96	-3.27	74.0	24.04	Peak	299.00	100	Vertical	Pass
4**	7342.700	40.36	-3.27	54.0	13.64	AV	299.00	100	Vertical	Pass
5	12406.150	53.74	1.47	74.0	20.26	Peak	116.00	100	Vertical	Pass
5**	12406.150	43.09	1.47	54.0	10.91	AV	116.00	100	Vertical	Pass
6	16082.700	55.48	1.58	74.0	18.52	Peak	212.00	400	Vertical	Pass
6**	16082.700	46.78	1.58	54.0	7.22	AV	212.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.900	39.01	-17.16	74.0	34.99	Peak	156.00	300	Horizontal	Pass
1**	1538.900	29.16	-17.16	54.0	24.84	AV	156.00	300	Horizontal	Pass
2	4379.800	50.52	-3.28	74.0	23.48	Peak	107.00	400	Horizontal	Pass
2**	4379.800	41.34	-3.28	54.0	12.66	AV	107.00	400	Horizontal	Pass
3	5222.600	100.44	-2.70	--	--	Peak	345.00	200	Horizontal	N/A
3**	5222.600	93.40	-2.70	--	--	AV	345.00	200	Horizontal	N/A
4	7507.725	50.04	-3.10	74.0	23.96	Peak	99.00	300	Horizontal	Pass
4**	7507.725	40.61	-3.10	54.0	13.39	AV	99.00	300	Horizontal	Pass
5	12227.325	53.09	1.31	74.0	20.91	Peak	156.00	150	Horizontal	Pass
5**	12227.325	43.23	1.31	54.0	10.77	AV	156.00	150	Horizontal	Pass
6	15698.662	55.77	0.95	74.0	18.23	Peak	104.00	100	Horizontal	Pass
6**	15698.662	45.38	0.95	54.0	8.62	AV	104.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.800	39.01	-17.16	74.0	34.99	Peak	115.00	200	Vertical	Pass
1**	1498.800	29.32	-17.16	54.0	24.68	AV	115.00	200	Vertical	Pass
2	4382.000	50.78	-3.64	74.0	23.22	Peak	260.00	300	Vertical	Pass
2**	4382.000	40.80	-3.64	54.0	13.20	AV	260.00	300	Vertical	Pass
3	5223.200	110.28	-2.71	--	--	Peak	233.00	150	Vertical	N/A
3**	5223.200	103.05	-2.71	--	--	AV	233.00	150	Vertical	N/A
4	7440.163	49.40	-3.51	74.0	24.60	Peak	267.00	400	Vertical	Pass
4**	7440.163	40.33	-3.51	54.0	13.67	AV	267.00	400	Vertical	Pass
5	11780.263	52.97	1.23	74.0	21.03	Peak	10.00	200	Vertical	Pass
5**	11780.263	42.95	1.23	54.0	11.05	AV	10.00	200	Vertical	Pass
6	15651.675	56.75	1.18	74.0	17.25	Peak	34.00	200	Vertical	Pass
6**	15651.675	46.10	1.18	54.0	7.90	AV	34.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.800	38.82	-17.15	74.0	35.18	Peak	344.00	300	Horizontal	Pass
1**	1567.800	29.24	-17.15	54.0	24.76	AV	344.00	300	Horizontal	Pass
2	4389.400	49.74	-3.35	74.0	24.26	Peak	164.00	200	Horizontal	Pass
2**	4389.400	41.82	-3.35	54.0	12.18	AV	164.00	200	Horizontal	Pass
3	5236.000	99.85	-2.52	--	--	Peak	353.00	100	Horizontal	N/A
3**	5236.000	91.89	-2.52	--	--	AV	353.00	100	Horizontal	N/A
4	7336.950	49.60	-3.01	74.0	24.40	Peak	151.00	400	Horizontal	Pass
4**	7336.950	40.97	-3.01	54.0	13.03	AV	151.00	400	Horizontal	Pass
5	12320.187	54.25	1.43	74.0	19.75	Peak	321.00	200	Horizontal	Pass
5**	12320.187	44.05	1.43	54.0	9.95	AV	321.00	200	Horizontal	Pass
6	15389.963	55.53	0.56	74.0	18.47	Peak	113.00	200	Horizontal	Pass
6**	15389.963	46.24	0.56	54.0	7.76	AV	113.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.900	39.25	-16.86	74.0	34.75	Peak	136.00	400	Vertical	Pass
1**	1494.900	30.18	-16.86	54.0	23.82	AV	136.00	400	Vertical	Pass
2	4382.000	50.10	-3.64	74.0	23.90	Peak	0.00	300	Vertical	Pass
2**	4382.000	42.06	-3.64	54.0	11.94	AV	0.00	300	Vertical	Pass
3	5245.400	109.90	-2.41	--	--	Peak	226.00	150	Vertical	N/A
3**	5245.400	101.87	-2.41	--	--	AV	226.00	150	Vertical	N/A
4	7593.688	49.34	-3.06	74.0	24.66	Peak	211.00	400	Vertical	Pass
4**	7593.688	40.61	-3.06	54.0	13.39	AV	211.00	400	Vertical	Pass
5	12277.063	53.04	1.69	74.0	20.96	Peak	122.00	150	Vertical	Pass
5**	12277.063	44.62	1.69	54.0	9.38	AV	122.00	150	Vertical	Pass
6	15822.825	55.92	1.74	74.0	18.08	Peak	71.00	100	Vertical	Pass
6**	15822.825	47.71	1.74	54.0	6.29	AV	71.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.500	38.90	-16.90	74.0	35.10	Peak	27.00	400	Horizontal	Pass
1**	1586.500	29.68	-16.90	54.0	24.32	AV	27.00	400	Horizontal	Pass
2	4344.800	49.74	-4.05	74.0	24.26	Peak	0.00	100	Horizontal	Pass
2**	4344.800	41.02	-4.05	54.0	12.98	AV	0.00	100	Horizontal	Pass
3	5181.400	98.21	-2.65	--	--	Peak	342.00	150	Horizontal	N/A
3**	5181.400	89.69	-2.65	--	--	AV	342.00	150	Horizontal	N/A
4	7321.138	49.36	-3.15	74.0	24.64	Peak	46.00	400	Horizontal	Pass
4**	7321.138	40.41	-3.15	54.0	13.59	AV	46.00	400	Horizontal	Pass
5	12391.487	53.43	1.58	74.0	20.57	Peak	360.00	200	Horizontal	Pass
5**	12391.487	44.42	1.58	54.0	9.58	AV	360.00	200	Horizontal	Pass
6	16027.837	55.91	0.69	74.0	18.09	Peak	360.00	300	Horizontal	Pass
6**	16027.837	45.97	0.69	54.0	8.03	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.000	38.84	-16.77	74.0	35.16	Peak	63.00	100	Vertical	Pass
1**	1487.000	29.87	-16.77	54.0	24.13	AV	63.00	100	Vertical	Pass
2	4121.800	49.82	-4.87	74.0	24.18	Peak	344.00	400	Vertical	Pass
2**	4121.800	39.89	-4.87	54.0	14.11	AV	344.00	400	Vertical	Pass
3	5184.200	108.36	-2.48	--	--	Peak	230.00	200	Vertical	N/A
3**	5184.200	100.86	-2.48	--	--	AV	230.00	200	Vertical	N/A
4	7667.000	50.04	-2.82	74.0	23.96	Peak	122.00	300	Vertical	Pass
4**	7667.000	39.53	-2.82	54.0	14.47	AV	122.00	300	Vertical	Pass
5	12280.225	53.40	1.80	74.0	20.60	Peak	360.00	100	Vertical	Pass
5**	12280.225	44.26	1.80	54.0	9.74	AV	360.00	100	Vertical	Pass
6	15857.738	55.68	1.05	74.0	18.32	Peak	247.00	100	Vertical	Pass
6**	15857.738	46.32	1.05	54.0	7.68	AV	247.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.200	39.19	-17.07	74.0	34.81	Peak	182.00	100	Horizontal	Pass
1**	1596.200	29.91	-17.07	54.0	24.09	AV	182.00	100	Horizontal	Pass
2	4246.400	50.14	-4.59	74.0	23.86	Peak	179.00	300	Horizontal	Pass
2**	4246.400	41.00	-4.59	54.0	13.00	AV	179.00	300	Horizontal	Pass
3	5225.800	98.47	-2.59	--	--	Peak	350.00	200	Horizontal	N/A
3**	5225.800	90.01	-2.59	--	--	AV	350.00	200	Horizontal	N/A
4	7686.550	49.19	-1.99	74.0	24.81	Peak	145.00	300	Horizontal	Pass
4**	7686.550	40.16	-1.99	54.0	13.84	AV	145.00	300	Horizontal	Pass
5	12279.075	52.98	1.77	74.0	21.02	Peak	330.00	150	Horizontal	Pass
5**	12279.075	43.84	1.77	54.0	10.16	AV	330.00	150	Horizontal	Pass
6	15665.325	56.92	1.35	74.0	17.08	Peak	227.00	200	Horizontal	Pass
6**	15665.325	46.55	1.35	54.0	7.45	AV	227.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.400	39.45	-17.03	74.0	34.55	Peak	305.00	300	Vertical	Pass
1**	1457.400	28.92	-17.03	54.0	25.08	AV	305.00	300	Vertical	Pass
2	4359.600	50.64	-4.07	74.0	23.36	Peak	288.00	200	Vertical	Pass
2**	4359.600	39.69	-4.07	54.0	14.31	AV	288.00	200	Vertical	Pass
3	5238.000	108.06	-2.55	--	--	Peak	216.00	150	Vertical	N/A
3**	5238.000	100.43	-2.55	--	--	AV	216.00	150	Vertical	N/A
4	7444.188	49.36	-3.24	74.0	24.64	Peak	211.00	300	Vertical	Pass
4**	7444.188	40.90	-3.24	54.0	13.10	AV	211.00	300	Vertical	Pass
5	11966.850	53.18	0.84	74.0	20.82	Peak	211.00	200	Vertical	Pass
5**	11966.850	43.33	0.84	54.0	10.67	AV	211.00	200	Vertical	Pass
6	15801.300	56.23	2.32	74.0	17.77	Peak	360.00	300	Vertical	Pass
6**	15801.300	46.75	2.32	54.0	7.25	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.200	38.95	-17.22	74.0	35.05	Peak	47.00	200	Horizontal	Pass
1**	1545.200	28.78	-17.22	54.0	25.22	AV	47.00	200	Horizontal	Pass
2	3890.600	49.88	-4.75	74.0	24.12	Peak	190.00	300	Horizontal	Pass
2**	3890.600	39.22	-4.75	54.0	14.78	AV	190.00	300	Horizontal	Pass
3	5235.200	94.51	-2.64	--	--	Peak	346.00	150	Horizontal	N/A
3**	5235.200	86.48	-2.64	--	--	AV	346.00	150	Horizontal	N/A
4	7326.312	49.53	-3.42	74.0	24.47	Peak	242.00	200	Horizontal	Pass
4**	7326.312	40.35	-3.42	54.0	13.65	AV	242.00	200	Horizontal	Pass
5	12412.763	53.19	1.43	74.0	20.81	Peak	318.00	100	Horizontal	Pass
5**	12412.763	43.03	1.43	54.0	10.97	AV	318.00	100	Horizontal	Pass
6	15806.026	55.67	2.25	74.0	18.33	Peak	360.00	100	Horizontal	Pass
6**	15806.026	46.74	2.25	54.0	7.26	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.800	39.62	-16.95	74.0	34.38	Peak	99.00	100	Vertical	Pass
1**	1622.800	29.28	-16.95	54.0	24.72	AV	99.00	100	Vertical	Pass
2	4388.600	50.75	-3.39	74.0	23.25	Peak	147.00	400	Vertical	Pass
2**	4388.600	41.68	-3.39	54.0	12.32	AV	147.00	400	Vertical	Pass
3	5195.000	103.99	-2.39	--	--	Peak	230.00	100	Vertical	N/A
3**	5195.000	95.96	-2.39	--	--	AV	230.00	100	Vertical	N/A
4	7679.363	49.89	-2.43	74.0	24.11	Peak	263.00	100	Vertical	Pass
4**	7679.363	40.06	-2.43	54.0	13.94	AV	263.00	100	Vertical	Pass
5	12274.187	52.67	1.59	74.0	21.33	Peak	328.00	150	Vertical	Pass
5**	12274.187	43.54	1.59	54.0	10.46	AV	328.00	150	Vertical	Pass
6	15798.938	55.67	2.30	74.0	18.33	Peak	68.00	300	Vertical	Pass
6**	15798.938	46.74	2.30	54.0	7.26	AV	68.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.200	38.62	-16.84	74.0	35.38	Peak	175.00	300	Horizontal	Pass
1**	1484.200	29.55	-16.84	54.0	24.45	AV	175.00	300	Horizontal	Pass
2	4252.000	50.44	-4.51	74.0	23.56	Peak	184.00	400	Horizontal	Pass
2**	4252.000	40.25	-4.51	54.0	13.75	AV	184.00	400	Horizontal	Pass
3	5742.400	100.13	-2.21	--	--	Peak	16.00	150	Horizontal	N/A
3**	5742.400	91.77	-2.21	--	--	AV	16.00	150	Horizontal	N/A
4	7503.413	49.36	-3.05	74.0	24.64	Peak	188.00	200	Horizontal	Pass
4**	7503.413	40.09	-3.05	54.0	13.91	AV	188.00	200	Horizontal	Pass
5	11938.099	52.76	1.69	74.0	21.24	Peak	85.00	100	Horizontal	Pass
5**	11938.099	43.85	1.69	54.0	10.15	AV	85.00	100	Horizontal	Pass
6	15800.776	55.32	2.32	74.0	18.68	Peak	310.00	400	Horizontal	Pass
6**	15800.776	46.21	2.32	54.0	7.79	AV	310.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	39.07	-17.07	74.0	34.93	Peak	101.00	300	Vertical	Pass
1**	1499.300	29.60	-17.07	54.0	24.40	AV	101.00	300	Vertical	Pass
2	4392.400	49.85	-3.55	74.0	24.15	Peak	170.00	100	Vertical	Pass
2**	4392.400	41.25	-3.55	54.0	12.75	AV	170.00	100	Vertical	Pass
3	5746.600	110.79	-2.21	--	--	Peak	38.00	150	Vertical	N/A
3**	5746.600	103.01	-2.21	--	--	AV	38.00	150	Vertical	N/A
4	7441.312	49.46	-3.43	74.0	24.54	Peak	294.00	100	Vertical	Pass
4**	7441.312	39.70	-3.43	54.0	14.30	AV	294.00	100	Vertical	Pass
5	12310.700	53.18	1.37	74.0	20.82	Peak	264.00	100	Vertical	Pass
5**	12310.700	43.75	1.37	54.0	10.25	AV	264.00	100	Vertical	Pass
6	15627.787	55.82	1.71	74.0	18.18	Peak	115.00	100	Vertical	Pass
6**	15627.787	46.53	1.71	54.0	7.47	AV	115.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1588.600	38.70	-17.12	74.0	35.30	Peak	0.00	300	Horizontal	Pass
1**	1588.600	29.56	-17.12	54.0	24.44	AV	0.00	300	Horizontal	Pass
2	4366.600	49.60	-3.84	74.0	24.40	Peak	133.00	200	Horizontal	Pass
2**	4366.600	40.72	-3.84	54.0	13.28	AV	133.00	200	Horizontal	Pass
3	5781.600	99.25	-1.45	--	--	Peak	23.00	100	Horizontal	N/A
3**	5781.600	91.24	-1.45	--	--	AV	23.00	100	Horizontal	N/A
4	7733.700	49.19	-2.47	74.0	24.81	Peak	0.00	300	Horizontal	Pass
4**	7733.700	40.11	-2.47	54.0	13.89	AV	0.00	300	Horizontal	Pass
5	12495.275	53.76	1.66	74.0	20.24	Peak	195.00	200	Horizontal	Pass
5**	12495.275	42.70	1.66	54.0	11.30	AV	195.00	200	Horizontal	Pass
6	15809.700	55.80	2.17	74.0	18.20	Peak	59.00	100	Horizontal	Pass
6**	15809.700	46.44	2.17	54.0	7.56	AV	59.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.800	40.37	-16.94	74.0	33.63	Peak	100.00	100	Vertical	Pass
1**	1496.800	29.78	-16.94	54.0	24.22	AV	100.00	100	Vertical	Pass
2	4392.600	50.24	-3.58	74.0	23.76	Peak	360.00	300	Vertical	Pass
2**	4392.600	40.40	-3.58	54.0	13.60	AV	360.00	300	Vertical	Pass
3	5780.600	110.10	-1.66	--	--	Peak	233.00	200	Vertical	N/A
3**	5780.600	102.66	-1.66	--	--	AV	233.00	200	Vertical	N/A
4	7713.288	51.19	-2.33	74.0	22.81	Peak	239.00	100	Vertical	Pass
4**	7713.288	44.88	-2.33	54.0	9.12	AV	239.00	100	Vertical	Pass
5	12284.826	53.53	1.78	74.0	20.47	Peak	267.00	200	Vertical	Pass
5**	12284.826	45.57	1.78	54.0	8.43	AV	267.00	200	Vertical	Pass
6	16102.651	56.12	1.08	74.0	17.88	Peak	152.00	200	Vertical	Pass
6**	16102.651	46.64	1.08	54.0	7.36	AV	152.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.100	38.66	-17.04	74.0	35.34	Peak	73.00	400	Horizontal	Pass
1**	1611.100	30.49	-17.04	54.0	23.51	AV	73.00	400	Horizontal	Pass
2	4381.400	50.39	-3.56	74.0	23.61	Peak	301.00	200	Horizontal	Pass
2**	4381.400	40.97	-3.56	54.0	13.03	AV	301.00	200	Horizontal	Pass
3	5827.400	98.48	-1.94	--	--	Peak	31.00	150	Horizontal	N/A
3**	5827.400	91.27	-1.94	--	--	AV	31.00	150	Horizontal	N/A
4	7617.263	49.17	-2.66	74.0	24.83	Peak	307.00	400	Horizontal	Pass
4**	7617.263	40.43	-2.66	54.0	13.57	AV	307.00	400	Horizontal	Pass
5	11939.537	53.24	1.69	74.0	20.76	Peak	249.00	200	Horizontal	Pass
5**	11939.537	43.56	1.69	54.0	10.44	AV	249.00	200	Horizontal	Pass
6	15851.175	56.11	1.30	74.0	17.89	Peak	284.00	100	Horizontal	Pass
6**	15851.175	46.48	1.30	54.0	7.52	AV	284.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.300	38.66	-17.18	74.0	35.34	Peak	39.00	400	Vertical	Pass
1**	1597.300	29.22	-17.18	54.0	24.78	AV	39.00	400	Vertical	Pass
2	4378.200	49.39	-3.44	74.0	24.61	Peak	0.00	400	Vertical	Pass
2**	4378.200	40.68	-3.44	54.0	13.32	AV	0.00	400	Vertical	Pass
3	5830.600	110.03	-1.76	--	--	Peak	252.00	150	Vertical	N/A
3**	5830.600	102.91	-1.76	--	--	AV	252.00	150	Vertical	N/A
4	7347.300	49.48	-3.66	74.0	24.52	Peak	303.00	300	Vertical	Pass
4**	7347.300	40.97	-3.66	54.0	13.03	AV	303.00	300	Vertical	Pass
5	12442.951	52.94	1.80	74.0	21.06	Peak	303.00	200	Vertical	Pass
5**	12442.951	43.31	1.80	54.0	10.69	AV	303.00	200	Vertical	Pass
6	15822.825	55.74	1.74	74.0	18.26	Peak	0.00	100	Vertical	Pass
6**	15822.825	46.27	1.74	54.0	7.73	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.600	39.39	-17.04	74.0	34.61	Peak	290.00	100	Horizontal	Pass
1**	1571.600	29.37	-17.04	54.0	24.63	AV	290.00	100	Horizontal	Pass
2	4393.600	50.22	-3.73	74.0	23.78	Peak	239.00	100	Horizontal	Pass
2**	4393.600	40.62	-3.73	54.0	13.38	AV	239.00	100	Horizontal	Pass
3	5746.600	99.02	-2.21	--	--	Peak	17.00	100	Horizontal	N/A
3**	5746.600	91.23	-2.21	--	--	AV	17.00	100	Horizontal	N/A
4	7336.663	50.31	-3.07	74.0	23.69	Peak	272.00	400	Horizontal	Pass
4**	7336.663	40.69	-3.07	54.0	13.31	AV	272.00	400	Horizontal	Pass
5	12387.463	53.45	1.54	74.0	20.55	Peak	175.00	200	Horizontal	Pass
5**	12387.463	43.83	1.54	54.0	10.17	AV	175.00	200	Horizontal	Pass
6	15792.375	55.72	2.08	74.0	18.28	Peak	301.00	200	Horizontal	Pass
6**	15792.375	46.90	2.08	54.0	7.10	AV	301.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.90	-16.92	74.0	34.10	Peak	109.00	200	Vertical	Pass
1**	1500.100	29.66	-16.92	54.0	24.34	AV	109.00	200	Vertical	Pass
2	4377.600	49.70	-3.51	74.0	24.30	Peak	210.00	300	Vertical	Pass
2**	4377.600	41.40	-3.51	54.0	12.60	AV	210.00	300	Vertical	Pass
3	5747.600	110.23	-2.21	--	--	Peak	267.00	100	Vertical	N/A
3**	5747.600	103.32	-2.21	--	--	AV	267.00	100	Vertical	N/A
4	7660.100	49.69	-2.87	74.0	24.31	Peak	216.00	200	Vertical	Pass
4**	7660.100	44.91	-2.87	54.0	9.09	AV	216.00	200	Vertical	Pass
5	11971.450	52.88	0.81	74.0	21.12	Peak	5.00	200	Vertical	Pass
5**	11971.450	42.71	0.81	54.0	11.29	AV	5.00	200	Vertical	Pass
6	15639.599	56.25	1.37	74.0	17.75	Peak	138.00	400	Vertical	Pass
6**	15639.599	46.11	1.37	54.0	7.89	AV	138.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.800	38.64	-17.19	74.0	35.36	Peak	27.00	300	Horizontal	Pass
1**	1509.800	29.35	-17.19	54.0	24.65	AV	27.00	300	Horizontal	Pass
2	4386.400	50.39	-3.29	74.0	23.61	Peak	189.00	400	Horizontal	Pass
2**	4386.400	41.97	-3.29	54.0	12.03	AV	189.00	400	Horizontal	Pass
3	5788.400	98.58	-1.71	--	--	Peak	17.00	150	Horizontal	N/A
3**	5788.400	91.45	-1.71	--	--	AV	17.00	150	Horizontal	N/A
4	7598.000	49.29	-2.92	74.0	24.71	Peak	330.00	100	Horizontal	Pass
4**	7598.000	39.68	-2.92	54.0	14.32	AV	330.00	100	Horizontal	Pass
5	11935.225	52.88	1.69	74.0	21.12	Peak	172.00	100	Horizontal	Pass
5**	11935.225	43.64	1.69	54.0	10.36	AV	172.00	100	Horizontal	Pass
6	15671.363	55.56	1.46	74.0	18.44	Peak	360.00	300	Horizontal	Pass
6**	15671.363	46.38	1.46	54.0	7.62	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.500	38.98	-16.93	74.0	35.02	Peak	36.00	200	Vertical	Pass
1**	1507.500	29.42	-16.93	54.0	24.58	AV	36.00	200	Vertical	Pass
2	4368.800	50.44	-3.88	74.0	23.56	Peak	146.00	300	Vertical	Pass
2**	4368.800	41.32	-3.88	54.0	12.68	AV	146.00	300	Vertical	Pass
3	5781.400	110.01	-1.49	--	--	Peak	259.00	100	Vertical	N/A
3**	5781.400	102.98	-1.49	--	--	AV	259.00	100	Vertical	N/A
4	7713.288	50.82	-2.33	74.0	23.18	Peak	206.00	200	Vertical	Pass
4**	7713.288	45.78	-2.33	54.0	8.22	AV	206.00	200	Vertical	Pass
5	12283.099	53.02	1.79	74.0	20.98	Peak	102.00	100	Vertical	Pass
5**	12283.099	44.34	1.79	54.0	9.66	AV	102.00	100	Vertical	Pass
6	15804.975	55.84	2.27	74.0	18.16	Peak	258.00	300	Vertical	Pass
6**	15804.975	46.28	2.27	54.0	7.72	AV	258.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.700	39.66	-16.78	74.0	34.34	Peak	184.00	300	Horizontal	Pass
1**	1490.700	29.71	-16.78	54.0	24.29	AV	184.00	300	Horizontal	Pass
2	4379.400	50.42	-3.32	74.0	23.58	Peak	76.00	200	Horizontal	Pass
2**	4379.400	42.21	-3.32	54.0	11.79	AV	76.00	200	Horizontal	Pass
3	5830.200	98.70	-1.77	--	--	Peak	37.00	150	Horizontal	N/A
3**	5830.200	90.64	-1.77	--	--	AV	37.00	150	Horizontal	N/A
4	7344.425	49.53	-3.47	74.0	24.47	Peak	207.00	200	Horizontal	Pass
4**	7344.425	40.38	-3.47	54.0	13.62	AV	207.00	200	Horizontal	Pass
5	12600.500	53.55	1.90	74.0	20.45	Peak	328.00	100	Horizontal	Pass
5**	12600.500	44.50	1.90	54.0	9.50	AV	328.00	100	Horizontal	Pass
6	15847.500	55.67	1.35	74.0	18.33	Peak	330.00	300	Horizontal	Pass
6**	15847.500	46.54	1.35	54.0	7.46	AV	330.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.500	39.75	-17.48	74.0	34.25	Peak	39.00	400	Vertical	Pass
1**	1615.500	29.37	-17.48	54.0	24.63	AV	39.00	400	Vertical	Pass
2	4388.200	50.02	-3.41	74.0	23.98	Peak	318.00	400	Vertical	Pass
2**	4388.200	41.90	-3.41	54.0	12.10	AV	318.00	400	Vertical	Pass
3	5831.000	109.59	-1.75	--	--	Peak	243.00	100	Vertical	N/A
3**	5831.000	102.41	-1.75	--	--	AV	243.00	100	Vertical	N/A
4	7337.238	50.40	-2.96	74.0	23.60	Peak	140.00	100	Vertical	Pass
4**	7337.238	41.59	-2.96	54.0	12.41	AV	140.00	100	Vertical	Pass
5	12308.975	53.40	1.37	74.0	20.60	Peak	325.00	150	Vertical	Pass
5**	12308.975	43.52	1.37	54.0	10.48	AV	325.00	150	Vertical	Pass
6	16081.125	56.40	1.62	74.0	17.60	Peak	72.00	100	Vertical	Pass
6**	16081.125	46.53	1.62	54.0	7.47	AV	72.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.200	39.10	-17.05	74.0	34.90	Peak	122.00	200	Horizontal	Pass
1**	1482.200	30.41	-17.05	54.0	23.59	AV	122.00	200	Horizontal	Pass
2	4204.200	49.85	-4.57	74.0	24.15	Peak	113.00	200	Horizontal	Pass
2**	4204.200	40.40	-4.57	54.0	13.60	AV	113.00	200	Horizontal	Pass
3	5756.800	96.23	-1.82	--	--	Peak	17.00	200	Horizontal	N/A
3**	5756.800	89.35	-1.82	--	--	AV	17.00	200	Horizontal	N/A
4	7340.975	49.77	-3.07	74.0	24.23	Peak	301.00	100	Horizontal	Pass
4**	7340.975	41.45	-3.07	54.0	12.55	AV	301.00	100	Horizontal	Pass
5	12335.425	53.50	1.34	74.0	20.50	Peak	0.00	150	Horizontal	Pass
5**	12335.425	43.20	1.34	54.0	10.80	AV	0.00	150	Horizontal	Pass
6	16171.688	56.01	1.21	74.0	17.99	Peak	0.00	200	Horizontal	Pass
6**	16171.688	46.19	1.21	54.0	7.81	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	39.57	-16.85	74.0	34.43	Peak	115.00	400	Vertical	Pass
1**	1495.600	31.03	-16.85	54.0	22.97	AV	115.00	400	Vertical	Pass
2	4368.000	49.80	-3.85	74.0	24.20	Peak	0.00	400	Vertical	Pass
2**	4368.000	41.91	-3.85	54.0	12.09	AV	0.00	400	Vertical	Pass
3	5752.800	107.51	-1.96	--	--	Peak	256.00	100	Vertical	N/A
3**	5752.800	99.63	-1.96	--	--	AV	256.00	100	Vertical	N/A
4	7673.325	51.43	-2.29	74.0	22.57	Peak	206.00	100	Vertical	Pass
4**	7673.325	46.65	-2.29	54.0	7.35	AV	206.00	100	Vertical	Pass
5	11904.463	53.57	1.61	74.0	20.43	Peak	360.00	100	Vertical	Pass
5**	11904.463	42.99	1.61	54.0	11.01	AV	360.00	100	Vertical	Pass
6	15790.800	56.15	2.04	74.0	17.85	Peak	332.00	300	Vertical	Pass
6**	15790.800	46.14	2.04	54.0	7.86	AV	332.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.300	38.99	-17.18	74.0	35.01	Peak	272.00	200	Horizontal	Pass
1**	1597.300	29.13	-17.18	54.0	24.87	AV	272.00	200	Horizontal	Pass
2	4378.400	50.53	-3.42	74.0	23.47	Peak	0.00	300	Horizontal	Pass
2**	4378.400	41.50	-3.42	54.0	12.50	AV	0.00	300	Horizontal	Pass
3	5783.600	95.66	-1.51	--	--	Peak	20.00	100	Horizontal	N/A
3**	5783.600	87.95	-1.51	--	--	AV	20.00	100	Horizontal	N/A
4	7725.938	50.08	-2.47	74.0	23.92	Peak	13.00	400	Horizontal	Pass
4**	7725.938	40.89	-2.47	54.0	13.11	AV	13.00	400	Horizontal	Pass
5	12393.500	53.11	1.59	74.0	20.89	Peak	13.00	100	Horizontal	Pass
5**	12393.500	43.48	1.59	54.0	10.52	AV	13.00	100	Horizontal	Pass
6	15849.075	56.05	1.34	74.0	17.95	Peak	310.00	200	Horizontal	Pass
6**	15849.075	46.61	1.34	54.0	7.39	AV	310.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.800	39.58	-17.18	74.0	34.42	Peak	43.00	300	Vertical	Pass
1**	1580.800	28.91	-17.18	54.0	25.09	AV	43.00	300	Vertical	Pass
2	4386.200	50.85	-3.27	74.0	23.15	Peak	20.00	300	Vertical	Pass
2**	4386.200	41.74	-3.27	54.0	12.26	AV	20.00	300	Vertical	Pass
3	5800.200	107.23	-1.75	--	--	Peak	261.00	100	Vertical	N/A
3**	5800.200	99.12	-1.75	--	--	AV	261.00	100	Vertical	N/A
4	7726.513	51.67	-2.48	74.0	22.33	Peak	227.00	100	Vertical	Pass
4**	7726.513	44.11	-2.48	54.0	9.89	AV	227.00	100	Vertical	Pass
5	12283.099	53.74	1.79	74.0	20.26	Peak	22.00	150	Vertical	Pass
5**	12283.099	44.33	1.79	54.0	9.67	AV	22.00	150	Vertical	Pass
6	15841.988	56.00	1.42	74.0	18.00	Peak	203.00	300	Vertical	Pass
6**	15841.988	46.68	1.42	54.0	7.32	AV	203.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.700	38.93	-16.93	74.0	35.07	Peak	358.00	400	Horizontal	Pass
1**	1586.700	29.66	-16.93	54.0	24.34	AV	358.00	400	Horizontal	Pass
2	4383.800	50.05	-3.64	74.0	23.95	Peak	218.00	100	Horizontal	Pass
2**	4383.800	40.54	-3.64	54.0	13.46	AV	218.00	100	Horizontal	Pass
3	5743.600	98.65	-2.09	--	--	Peak	22.00	200	Horizontal	N/A
3**	5743.600	91.66	-2.09	--	--	AV	22.00	200	Horizontal	N/A
4	7280.025	49.89	-2.99	74.0	24.11	Peak	114.00	100	Horizontal	Pass
4**	7280.025	39.93	-2.99	54.0	14.07	AV	114.00	100	Horizontal	Pass
5	12271.025	53.30	1.48	74.0	20.70	Peak	0.00	200	Horizontal	Pass
5**	12271.025	43.70	1.48	54.0	10.30	AV	0.00	200	Horizontal	Pass
6	16198.200	55.30	1.59	74.0	18.70	Peak	130.00	100	Horizontal	Pass
6**	16198.200	45.92	1.59	54.0	8.08	AV	130.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.800	39.55	-16.86	74.0	34.45	Peak	248.00	400	Vertical	Pass
1**	1560.800	29.73	-16.86	54.0	24.27	AV	248.00	400	Vertical	Pass
2	4361.800	49.96	-4.17	74.0	24.04	Peak	113.00	200	Vertical	Pass
2**	4361.800	40.54	-4.17	54.0	13.46	AV	113.00	200	Vertical	Pass
3	5747.600	109.93	-2.21	--	--	Peak	256.00	200	Vertical	N/A
3**	5747.600	102.76	-2.21	--	--	AV	256.00	200	Vertical	N/A
4	7733.125	49.81	-2.22	74.0	24.19	Peak	10.00	400	Vertical	Pass
4**	7733.125	40.58	-2.22	54.0	13.42	AV	10.00	400	Vertical	Pass
5	12311.276	53.68	1.38	74.0	20.32	Peak	0.00	150	Vertical	Pass
5**	12311.276	44.34	1.38	54.0	9.66	AV	0.00	150	Vertical	Pass
6	16124.963	56.33	0.80	74.0	17.67	Peak	205.00	100	Vertical	Pass
6**	16124.963	46.05	0.80	54.0	7.95	AV	205.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.000	38.88	-17.11	74.0	35.12	Peak	340.00	200	Horizontal	Pass
1**	1567.000	29.38	-17.11	54.0	24.62	AV	340.00	200	Horizontal	Pass
2	4356.000	50.45	-4.17	74.0	23.55	Peak	204.00	200	Horizontal	Pass
2**	4356.000	40.04	-4.17	54.0	13.96	AV	204.00	200	Horizontal	Pass
3	5781.000	98.15	-1.58	--	--	Peak	18.00	200	Horizontal	N/A
3**	5781.000	90.94	-1.58	--	--	AV	18.00	200	Horizontal	N/A
4	7517.500	49.62	-3.30	74.0	24.38	Peak	16.00	300	Horizontal	Pass
4**	7517.500	39.58	-3.30	54.0	14.42	AV	16.00	300	Horizontal	Pass
5	12358.138	53.25	1.17	74.0	20.75	Peak	47.00	150	Horizontal	Pass
5**	12358.138	43.44	1.17	54.0	10.56	AV	47.00	150	Horizontal	Pass
6	16076.662	55.82	1.57	74.0	18.18	Peak	224.00	200	Horizontal	Pass
6**	16076.662	46.53	1.57	54.0	7.47	AV	224.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.300	39.61	-17.18	74.0	34.39	Peak	97.00	100	Vertical	Pass
1**	1597.300	29.15	-17.18	54.0	24.85	AV	97.00	100	Vertical	Pass
2	4382.000	49.89	-3.64	74.0	24.11	Peak	197.00	300	Vertical	Pass
2**	4382.000	41.40	-3.64	54.0	12.60	AV	197.00	300	Vertical	Pass
3	5781.400	109.48	-1.49	--	--	Peak	267.00	100	Vertical	N/A
3**	5781.400	102.42	-1.49	--	--	AV	267.00	100	Vertical	N/A
4	7713.288	51.09	-2.33	74.0	22.91	Peak	241.00	100	Vertical	Pass
4**	7713.288	45.36	-2.33	54.0	8.64	AV	241.00	100	Vertical	Pass
5	11505.988	52.84	-0.11	74.0	21.16	Peak	0.00	150	Vertical	Pass
5**	11505.988	43.46	-0.11	54.0	10.54	AV	0.00	150	Vertical	Pass
6	16040.438	55.75	0.79	74.0	18.25	Peak	300.00	200	Vertical	Pass
6**	16040.438	47.65	0.79	54.0	6.35	AV	300.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.900	39.32	-16.97	74.0	34.68	Peak	1.00	400	Horizontal	Pass
1**	1622.900	30.74	-16.97	54.0	23.26	AV	1.00	400	Horizontal	Pass
2	4396.400	50.12	-3.99	74.0	23.88	Peak	199.00	200	Horizontal	Pass
2**	4396.400	41.07	-3.99	54.0	12.93	AV	199.00	200	Horizontal	Pass
3	5828.000	97.75	-1.89	--	--	Peak	42.00	100	Horizontal	N/A
3**	5828.000	89.67	-1.89	--	--	AV	42.00	100	Horizontal	N/A
4	7337.238	50.31	-2.96	74.0	23.69	Peak	296.00	300	Horizontal	Pass
4**	7337.238	41.30	-2.96	54.0	12.70	AV	296.00	300	Horizontal	Pass
5	11949.887	53.61	1.40	74.0	20.39	Peak	265.00	100	Horizontal	Pass
5**	11949.887	43.27	1.40	54.0	10.73	AV	265.00	100	Horizontal	Pass
6	15857.475	55.99	1.06	74.0	18.01	Peak	166.00	300	Horizontal	Pass
6**	15857.475	45.87	1.06	54.0	8.13	AV	166.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.000	39.86	-16.86	74.0	34.14	Peak	233.00	100	Vertical	Pass
1**	1585.000	29.42	-16.86	54.0	24.58	AV	233.00	100	Vertical	Pass
2	4379.200	50.19	-3.34	74.0	23.81	Peak	229.00	300	Vertical	Pass
2**	4379.200	41.52	-3.34	54.0	12.48	AV	229.00	300	Vertical	Pass
3	5828.800	109.19	-1.81	--	--	Peak	256.00	150	Vertical	N/A
3**	5828.800	102.47	-1.81	--	--	AV	256.00	150	Vertical	N/A
4	7359.950	50.43	-3.79	74.0	23.57	Peak	0.00	400	Vertical	Pass
4**	7359.950	39.58	-3.79	54.0	14.42	AV	0.00	400	Vertical	Pass
5	12327.663	53.15	1.42	74.0	20.85	Peak	325.00	200	Vertical	Pass
5**	12327.663	43.70	1.42	54.0	10.30	AV	325.00	200	Vertical	Pass
6	15834.900	56.21	1.45	74.0	17.79	Peak	251.00	400	Vertical	Pass
6**	15834.900	47.02	1.45	54.0	6.98	AV	251.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.200	39.19	-17.26	74.0	34.81	Peak	237.00	200	Horizontal	Pass
1**	1612.200	29.49	-17.26	54.0	24.51	AV	237.00	200	Horizontal	Pass
2	4364.200	49.81	-4.05	74.0	24.19	Peak	0.00	200	Horizontal	Pass
2**	4364.200	41.58	-4.05	54.0	12.42	AV	0.00	200	Horizontal	Pass
3	5744.200	96.84	-2.07	--	--	Peak	18.00	100	Horizontal	N/A
3**	5744.200	88.35	-2.07	--	--	AV	18.00	100	Horizontal	N/A
4	7633.650	50.05	-2.93	74.0	23.95	Peak	297.00	400	Horizontal	Pass
4**	7633.650	40.57	-2.93	54.0	13.43	AV	297.00	400	Horizontal	Pass
5	12696.526	53.13	0.83	74.0	20.87	Peak	269.00	200	Horizontal	Pass
5**	12696.526	43.71	0.83	54.0	10.29	AV	269.00	200	Horizontal	Pass
6	15813.112	55.69	2.10	74.0	18.31	Peak	0.00	400	Horizontal	Pass
6**	15813.112	47.05	2.10	54.0	6.95	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.100	38.93	-17.28	74.0	35.07	Peak	89.00	400	Vertical	Pass
1**	1449.100	29.14	-17.28	54.0	24.86	AV	89.00	400	Vertical	Pass
2	4385.600	49.80	-3.36	74.0	24.20	Peak	360.00	300	Vertical	Pass
2**	4385.600	41.09	-3.36	54.0	12.91	AV	360.00	300	Vertical	Pass
3	5748.400	107.86	-2.22	--	--	Peak	249.00	200	Vertical	N/A
3**	5748.400	99.92	-2.22	--	--	AV	249.00	200	Vertical	N/A
4	7673.325	51.23	-2.29	74.0	22.77	Peak	213.00	300	Vertical	Pass
4**	7673.325	44.91	-2.29	54.0	9.09	AV	213.00	300	Vertical	Pass
5	12364.463	53.28	1.20	74.0	20.72	Peak	98.00	150	Vertical	Pass
5**	12364.463	43.86	1.20	54.0	10.14	AV	98.00	150	Vertical	Pass
6	15816.526	55.88	2.00	74.0	18.12	Peak	0.00	100	Vertical	Pass
6**	15816.526	46.68	2.00	54.0	7.32	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.600	39.03	-17.50	74.0	34.97	Peak	51.00	300	Horizontal	Pass
1**	1599.600	29.37	-17.50	54.0	24.63	AV	51.00	300	Horizontal	Pass
2	4380.400	50.16	-3.39	74.0	23.84	Peak	210.00	400	Horizontal	Pass
2**	4380.400	41.14	-3.39	54.0	12.86	AV	210.00	400	Horizontal	Pass
3	5785.400	96.09	-1.63	--	--	Peak	20.00	100	Horizontal	N/A
3**	5785.400	88.48	-1.63	--	--	AV	20.00	100	Horizontal	N/A
4	7329.763	49.96	-3.51	74.0	24.04	Peak	8.00	400	Horizontal	Pass
4**	7329.763	40.43	-3.51	54.0	13.57	AV	8.00	400	Horizontal	Pass
5	12511.662	53.17	1.58	74.0	20.83	Peak	260.00	150	Horizontal	Pass
5**	12511.662	44.34	1.58	54.0	9.66	AV	260.00	150	Horizontal	Pass
6	15781.875	56.01	1.64	74.0	17.99	Peak	360.00	200	Horizontal	Pass
6**	15781.875	46.07	1.64	54.0	7.93	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.700	40.24	-16.86	74.0	33.76	Peak	53.00	400	Vertical	Pass
1**	1494.700	30.18	-16.86	54.0	23.82	AV	53.00	400	Vertical	Pass
2	4385.800	49.89	-3.33	74.0	24.11	Peak	360.00	200	Vertical	Pass
2**	4385.800	41.27	-3.33	54.0	12.73	AV	360.00	200	Vertical	Pass
3	5800.200	107.39	-1.75	--	--	Peak	264.00	150	Vertical	N/A
3**	5800.200	100.63	-1.75	--	--	AV	264.00	150	Vertical	N/A
4	7727.088	50.90	-2.50	74.0	23.10	Peak	238.00	300	Vertical	Pass
4**	7727.088	46.34	-2.50	54.0	7.66	AV	238.00	300	Vertical	Pass
5	12441.800	53.19	1.79	74.0	20.81	Peak	209.00	100	Vertical	Pass
5**	12441.800	43.51	1.79	54.0	10.49	AV	209.00	100	Vertical	Pass
6	16111.050	57.58	0.75	74.0	16.42	Peak	177.00	200	Vertical	Pass
6**	16111.050	46.19	0.75	54.0	7.81	AV	177.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.100	38.98	-17.20	74.0	35.02	Peak	297.00	100	Horizontal	Pass
1**	1511.100	29.48	-17.20	54.0	24.52	AV	297.00	100	Horizontal	Pass
2	4379.200	50.71	-3.34	74.0	23.29	Peak	349.00	400	Horizontal	Pass
2**	4379.200	41.78	-3.34	54.0	12.22	AV	349.00	400	Horizontal	Pass
3	5760.000	92.91	-1.66	--	--	Peak	22.00	100	Horizontal	N/A
3**	5760.000	85.13	-1.66	--	--	AV	22.00	100	Horizontal	N/A
4	7339.537	49.69	-2.93	74.0	24.31	Peak	40.00	400	Horizontal	Pass
4**	7339.537	41.18	-2.93	54.0	12.82	AV	40.00	400	Horizontal	Pass
5	12270.451	53.70	1.46	74.0	20.30	Peak	287.00	150	Horizontal	Pass
5**	12270.451	43.37	1.46	54.0	10.63	AV	287.00	150	Horizontal	Pass
6	16122.599	55.79	0.71	74.0	18.21	Peak	93.00	100	Horizontal	Pass
6**	16122.599	46.38	0.71	54.0	7.62	AV	93.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	40.51	-16.86	74.0	33.49	Peak	107.00	100	Vertical	Pass
1**	1495.000	29.76	-16.86	54.0	24.24	AV	107.00	100	Vertical	Pass
2	4233.200	50.38	-3.90	74.0	23.62	Peak	343.00	300	Vertical	Pass
2**	4233.200	40.98	-3.90	54.0	13.02	AV	343.00	300	Vertical	Pass
3	5748.400	103.88	-2.22	--	--	Peak	271.00	100	Vertical	N/A
3**	5748.400	95.75	-2.22	--	--	AV	271.00	100	Vertical	N/A
4	7700.063	49.78	-3.22	74.0	24.22	Peak	189.00	200	Vertical	Pass
4**	7700.063	44.07	-3.22	54.0	9.93	AV	189.00	200	Vertical	Pass
5	12611.713	52.85	1.89	74.0	21.15	Peak	189.00	150	Vertical	Pass
5**	12611.713	43.74	1.89	54.0	10.26	AV	189.00	150	Vertical	Pass
6	15832.537	55.90	1.47	74.0	18.10	Peak	96.00	100	Vertical	Pass
6**	15832.537	46.58	1.47	54.0	7.42	AV	96.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.800	39.04	-16.94	74.0	34.96	Peak	324.00	100	Horizontal	Pass
1**	1496.800	29.21	-16.94	54.0	24.79	AV	324.00	100	Horizontal	Pass
2	3770.000	49.90	-5.00	74.0	24.10	Peak	48.00	300	Horizontal	Pass
2**	3770.000	40.18	-5.00	54.0	13.82	AV	48.00	300	Horizontal	Pass
3	5181.400	104.14	-2.65	--	--	Peak	48.00	100	Horizontal	N/A
3**	5181.400	96.23	-2.65	--	--	AV	48.00	100	Horizontal	N/A
4	7460.575	49.88	-3.50	74.0	24.12	Peak	251.00	100	Horizontal	Pass
4**	7460.575	40.38	-3.50	54.0	13.62	AV	251.00	100	Horizontal	Pass
5	12618.613	53.93	1.81	74.0	20.07	Peak	335.00	100	Horizontal	Pass
5**	12618.613	43.21	1.81	54.0	10.79	AV	335.00	100	Horizontal	Pass
6	15854.063	55.89	1.22	74.0	18.11	Peak	37.00	400	Horizontal	Pass
6**	15854.063	47.30	1.22	54.0	6.70	AV	37.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.600	41.02	-16.88	74.0	32.98	Peak	96.00	400	Vertical	Pass
1**	1493.600	30.39	-16.88	54.0	23.61	AV	96.00	400	Vertical	Pass
2	4399.800	50.19	-4.30	74.0	23.81	Peak	74.00	100	Vertical	Pass
2**	4399.800	40.56	-4.30	54.0	13.44	AV	74.00	100	Vertical	Pass
3	5186.200	112.24	-2.40	--	--	Peak	74.00	150	Vertical	N/A
3**	5186.200	105.21	-2.40	--	--	AV	74.00	150	Vertical	N/A
4	7686.550	49.42	-1.99	74.0	24.58	Peak	26.00	300	Vertical	Pass
4**	7686.550	41.07	-1.99	54.0	12.93	AV	26.00	300	Vertical	Pass
5	11206.412	53.07	-0.25	74.0	20.93	Peak	179.00	150	Vertical	Pass
5**	11206.412	43.18	-0.25	54.0	10.82	AV	179.00	150	Vertical	Pass
6	15841.724	55.97	1.42	74.0	18.03	Peak	73.00	100	Vertical	Pass
6**	15841.724	46.44	1.42	54.0	7.56	AV	73.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	38.91	-16.91	74.0	35.09	Peak	157.00	400	Horizontal	Pass
1**	1496.600	29.47	-16.91	54.0	24.53	AV	157.00	400	Horizontal	Pass
2	4378.800	50.88	-3.38	74.0	23.12	Peak	336.00	400	Horizontal	Pass
2**	4378.800	41.73	-3.38	54.0	12.27	AV	336.00	400	Horizontal	Pass
3	5215.400	102.94	-2.56	--	--	Peak	41.00	200	Horizontal	N/A
3**	5215.400	95.36	-2.56	--	--	AV	41.00	200	Horizontal	N/A
4	7340.975	50.14	-3.07	74.0	23.86	Peak	97.00	300	Horizontal	Pass
4**	7340.975	40.88	-3.07	54.0	13.12	AV	97.00	300	Horizontal	Pass
5	12518.563	53.39	1.49	74.0	20.61	Peak	97.00	100	Horizontal	Pass
5**	12518.563	43.72	1.49	54.0	10.28	AV	97.00	100	Horizontal	Pass
6	15830.700	55.87	1.49	74.0	18.13	Peak	133.00	100	Horizontal	Pass
6**	15830.700	46.62	1.49	54.0	7.38	AV	133.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	40.17	-16.84	74.0	33.83	Peak	105.00	200	Vertical	Pass
1**	1496.200	29.75	-16.84	54.0	24.25	AV	105.00	200	Vertical	Pass
2	4229.600	50.26	-3.88	74.0	23.74	Peak	296.00	200	Vertical	Pass
2**	4229.600	41.35	-3.88	54.0	12.65	AV	296.00	200	Vertical	Pass
3	5226.000	111.82	-2.61	--	--	Peak	67.00	200	Vertical	N/A
3**	5226.000	105.22	-2.61	--	--	AV	67.00	200	Vertical	N/A
4	7619.562	50.70	-2.63	74.0	23.30	Peak	0.00	400	Vertical	Pass
4**	7619.562	40.45	-2.63	54.0	13.55	AV	0.00	400	Vertical	Pass
5	12277.063	53.19	1.69	74.0	20.81	Peak	0.00	200	Vertical	Pass
5**	12277.063	43.94	1.69	54.0	10.06	AV	0.00	200	Vertical	Pass
6	15784.762	56.09	1.79	74.0	17.91	Peak	357.00	200	Vertical	Pass
6**	15784.762	46.65	1.79	54.0	7.35	AV	357.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.800	38.66	-17.39	74.0	35.34	Peak	253.00	200	Horizontal	Pass
1**	1474.800	28.94	-17.39	54.0	25.06	AV	253.00	200	Horizontal	Pass
2	4190.800	50.72	-4.46	74.0	23.28	Peak	88.00	400	Horizontal	Pass
2**	4190.800	41.31	-4.46	54.0	12.69	AV	88.00	400	Horizontal	Pass
3	5237.000	102.79	-2.52	--	--	Peak	37.00	150	Horizontal	N/A
3**	5237.000	94.85	-2.52	--	--	AV	37.00	150	Horizontal	N/A
4	7618.125	50.36	-2.74	74.0	23.64	Peak	188.00	100	Horizontal	Pass
4**	7618.125	39.54	-2.74	54.0	14.46	AV	188.00	100	Horizontal	Pass
5	11669.000	52.95	0.22	74.0	21.05	Peak	0.00	150	Horizontal	Pass
5**	11669.000	42.94	0.22	54.0	11.06	AV	0.00	150	Horizontal	Pass
6	16032.037	55.95	0.73	74.0	18.05	Peak	360.00	150	Horizontal	Pass
6**	16032.037	46.01	0.73	54.0	7.99	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.600	38.93	-17.35	74.0	35.07	Peak	175.00	100	Vertical	Pass
1**	1469.600	28.96	-17.35	54.0	25.04	AV	175.00	100	Vertical	Pass
2	4378.600	49.97	-3.40	74.0	24.03	Peak	106.00	300	Vertical	Pass
2**	4378.600	40.74	-3.40	54.0	13.26	AV	106.00	300	Vertical	Pass
3	5237.200	112.12	-2.53	--	--	Peak	76.00	100	Vertical	N/A
3**	5237.200	104.55	-2.53	--	--	AV	76.00	100	Vertical	N/A
4	7379.788	49.84	-3.47	74.0	24.16	Peak	0.00	100	Vertical	Pass
4**	7379.788	39.89	-3.47	54.0	14.11	AV	0.00	100	Vertical	Pass
5	12282.526	54.18	1.79	74.0	19.82	Peak	0.00	100	Vertical	Pass
5**	12282.526	44.21	1.79	54.0	9.79	AV	0.00	100	Vertical	Pass
6	15889.762	55.94	0.20	74.0	18.06	Peak	79.00	400	Vertical	Pass
6**	15889.762	46.07	0.20	54.0	7.93	AV	79.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.000	38.89	-16.82	74.0	35.11	Peak	111.00	100	Horizontal	Pass
1**	1488.000	29.71	-16.82	54.0	24.29	AV	111.00	100	Horizontal	Pass
2	4370.200	50.00	-4.08	74.0	24.00	Peak	242.00	400	Horizontal	Pass
2**	4370.200	41.14	-4.08	54.0	12.86	AV	242.00	400	Horizontal	Pass
3	5185.200	103.28	-2.43	--	--	Peak	52.00	150	Horizontal	N/A
3**	5185.200	95.91	-2.43	--	--	AV	52.00	150	Horizontal	N/A
4	7395.025	49.38	-3.88	74.0	24.62	Peak	163.00	400	Horizontal	Pass
4**	7395.025	39.95	-3.88	54.0	14.05	AV	163.00	400	Horizontal	Pass
5	12390.338	52.73	1.57	74.0	21.27	Peak	5.00	150	Horizontal	Pass
5**	12390.338	44.21	1.57	54.0	9.79	AV	5.00	150	Horizontal	Pass
6	16051.724	55.71	0.75	74.0	18.29	Peak	143.00	100	Horizontal	Pass
6**	16051.724	45.39	0.75	54.0	8.61	AV	143.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.900	38.79	-17.00	74.0	35.21	Peak	360.00	200	Vertical	Pass
1**	1507.900	29.84	-17.00	54.0	24.16	AV	360.00	200	Vertical	Pass
2	4389.200	49.94	-3.36	74.0	24.06	Peak	317.00	400	Vertical	Pass
2**	4389.200	41.82	-3.36	54.0	12.18	AV	317.00	400	Vertical	Pass
3	5184.400	111.98	-2.47	--	--	Peak	73.00	100	Vertical	N/A
3**	5184.400	105.15	-2.47	--	--	AV	73.00	100	Vertical	N/A
4	7382.087	49.91	-3.36	74.0	24.09	Peak	186.00	300	Vertical	Pass
4**	7382.087	40.15	-3.36	54.0	13.85	AV	186.00	300	Vertical	Pass
5	12227.900	53.02	1.31	74.0	20.98	Peak	215.00	150	Vertical	Pass
5**	12227.900	43.87	1.31	54.0	10.13	AV	215.00	150	Vertical	Pass
6	15840.151	56.15	1.44	74.0	17.85	Peak	63.00	100	Vertical	Pass
6**	15840.151	45.73	1.44	54.0	8.27	AV	63.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.600	38.64	-17.22	74.0	35.36	Peak	32.00	200	Horizontal	Pass
1**	1580.600	29.13	-17.22	54.0	24.87	AV	32.00	200	Horizontal	Pass
2	4390.400	50.34	-3.30	74.0	23.66	Peak	360.00	400	Horizontal	Pass
2**	4390.400	41.09	-3.30	54.0	12.91	AV	360.00	400	Horizontal	Pass
3	5222.000	102.51	-2.69	--	--	Peak	44.00	100	Horizontal	N/A
3**	5222.000	94.68	-2.69	--	--	AV	44.00	100	Horizontal	N/A
4	7365.125	49.84	-3.36	74.0	24.16	Peak	326.00	400	Horizontal	Pass
4**	7365.125	40.29	-3.36	54.0	13.71	AV	326.00	400	Horizontal	Pass
5	12275.049	53.92	1.62	74.0	20.08	Peak	202.00	100	Horizontal	Pass
5**	12275.049	43.74	1.62	54.0	10.26	AV	202.00	100	Horizontal	Pass
6	15813.375	55.55	2.09	74.0	18.45	Peak	228.00	300	Horizontal	Pass
6**	15813.375	46.90	2.09	54.0	7.10	AV	228.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.200	39.25	-17.33	74.0	34.75	Peak	201.00	100	Vertical	Pass
1**	1435.200	29.28	-17.33	54.0	24.72	AV	201.00	100	Vertical	Pass
2	4383.800	50.88	-3.64	74.0	23.12	Peak	170.00	100	Vertical	Pass
2**	4383.800	40.62	-3.64	54.0	13.38	AV	170.00	100	Vertical	Pass
3	5215.000	111.48	-2.53	--	--	Peak	38.00	150	Vertical	N/A
3**	5215.000	103.97	-2.53	--	--	AV	38.00	150	Vertical	N/A
4	7632.787	49.62	-2.90	74.0	24.38	Peak	0.00	200	Vertical	Pass
4**	7632.787	40.43	-2.90	54.0	13.57	AV	0.00	200	Vertical	Pass
5	12525.463	53.34	1.36	74.0	20.66	Peak	176.00	100	Vertical	Pass
5**	12525.463	42.60	1.36	54.0	11.40	AV	176.00	100	Vertical	Pass
6	15834.112	56.39	1.46	74.0	17.61	Peak	150.00	300	Vertical	Pass
6**	15834.112	46.16	1.46	54.0	7.84	AV	150.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.200	38.73	-17.06	74.0	35.27	Peak	337.00	300	Horizontal	Pass
1**	1442.200	29.88	-17.06	54.0	24.12	AV	337.00	300	Horizontal	Pass
2	4380.200	50.50	-3.35	74.0	23.50	Peak	133.00	200	Horizontal	Pass
2**	4380.200	41.53	-3.35	54.0	12.47	AV	133.00	200	Horizontal	Pass
3	5236.400	102.23	-2.51	--	--	Peak	46.00	100	Horizontal	N/A
3**	5236.400	94.40	-2.51	--	--	AV	46.00	100	Horizontal	N/A
4	7345.000	49.41	-3.49	74.0	24.59	Peak	55.00	400	Horizontal	Pass
4**	7345.000	40.33	-3.49	54.0	13.67	AV	55.00	400	Horizontal	Pass
5	12228.763	52.94	1.30	74.0	21.06	Peak	326.00	200	Horizontal	Pass
5**	12228.763	43.41	1.30	54.0	10.59	AV	326.00	200	Horizontal	Pass
6	15635.925	55.50	1.51	74.0	18.50	Peak	159.00	200	Horizontal	Pass
6**	15635.925	45.84	1.51	54.0	8.16	AV	159.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.800	39.26	-17.48	74.0	34.74	Peak	101.00	200	Vertical	Pass
1**	1613.800	29.48	-17.48	54.0	24.52	AV	101.00	200	Vertical	Pass
2	4377.000	49.97	-3.71	74.0	24.03	Peak	354.00	400	Vertical	Pass
2**	4377.000	41.11	-3.71	54.0	12.89	AV	354.00	400	Vertical	Pass
3	5235.600	111.35	-2.58	--	--	Peak	75.00	200	Vertical	N/A
3**	5235.600	104.07	-2.58	--	--	AV	75.00	200	Vertical	N/A
4	7625.312	49.70	-2.86	74.0	24.30	Peak	317.00	100	Vertical	Pass
4**	7625.312	39.73	-2.86	54.0	14.27	AV	317.00	100	Vertical	Pass
5	12240.550	53.08	1.06	74.0	20.92	Peak	38.00	150	Vertical	Pass
5**	12240.550	43.36	1.06	54.0	10.64	AV	38.00	150	Vertical	Pass
6	15625.950	56.11	1.72	74.0	17.89	Peak	252.00	300	Vertical	Pass
6**	15625.950	45.98	1.72	54.0	8.02	AV	252.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.200	39.02	-17.31	74.0	34.98	Peak	206.00	200	Horizontal	Pass
1**	1543.200	29.60	-17.31	54.0	24.40	AV	206.00	200	Horizontal	Pass
2	4390.600	50.13	-3.33	74.0	23.87	Peak	360.00	100	Horizontal	Pass
2**	4390.600	42.25	-3.33	54.0	11.75	AV	360.00	100	Horizontal	Pass
3	5191.800	100.09	-2.27	--	--	Peak	44.00	150	Horizontal	N/A
3**	5191.800	92.86	-2.27	--	--	AV	44.00	150	Horizontal	N/A
4	7685.400	49.93	-2.19	74.0	24.07	Peak	234.00	200	Horizontal	Pass
4**	7685.400	40.45	-2.19	54.0	13.55	AV	234.00	200	Horizontal	Pass
5	12272.750	53.14	1.54	74.0	20.86	Peak	201.00	200	Horizontal	Pass
5**	12272.750	43.85	1.54	54.0	10.15	AV	201.00	200	Horizontal	Pass
6	15400.200	55.87	0.77	74.0	18.13	Peak	150.00	400	Horizontal	Pass
6**	15400.200	46.22	0.77	54.0	7.78	AV	150.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.100	38.74	-17.01	74.0	35.26	Peak	63.00	400	Vertical	Pass
1**	1459.100	29.16	-17.01	54.0	24.84	AV	63.00	400	Vertical	Pass
2	4368.400	49.72	-3.86	74.0	24.28	Peak	0.00	100	Vertical	Pass
2**	4368.400	40.66	-3.86	54.0	13.34	AV	0.00	100	Vertical	Pass
3	5186.000	109.36	-2.41	--	--	Peak	74.00	200	Vertical	N/A
3**	5186.000	101.65	-2.41	--	--	AV	74.00	200	Vertical	N/A
4	7337.525	49.52	-2.90	74.0	24.48	Peak	55.00	400	Vertical	Pass
4**	7337.525	41.04	-2.90	54.0	12.96	AV	55.00	400	Vertical	Pass
5	12084.437	52.99	0.55	74.0	21.01	Peak	21.00	100	Vertical	Pass
5**	12084.437	42.71	0.55	54.0	11.29	AV	21.00	100	Vertical	Pass
6	15677.400	56.28	1.56	74.0	17.72	Peak	0.00	200	Vertical	Pass
6**	15677.400	45.93	1.56	54.0	8.07	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.600	39.08	-16.83	74.0	34.92	Peak	19.00	100	Horizontal	Pass
1**	1621.600	30.58	-16.83	54.0	23.42	AV	19.00	100	Horizontal	Pass
2	4238.400	50.50	-4.13	74.0	23.50	Peak	360.00	100	Horizontal	Pass
2**	4238.400	40.47	-4.13	54.0	13.53	AV	360.00	100	Horizontal	Pass
3	5236.600	100.15	-2.51	--	--	Peak	39.00	100	Horizontal	N/A
3**	5236.600	93.37	-2.51	--	--	AV	39.00	100	Horizontal	N/A
4	7428.950	49.62	-3.37	74.0	24.38	Peak	294.00	400	Horizontal	Pass
4**	7428.950	39.47	-3.37	54.0	14.53	AV	294.00	400	Horizontal	Pass
5	12283.388	53.32	1.78	74.0	20.68	Peak	40.00	150	Horizontal	Pass
5**	12283.388	44.41	1.78	54.0	9.59	AV	40.00	150	Horizontal	Pass
6	15811.800	57.15	2.13	74.0	16.85	Peak	262.00	400	Horizontal	Pass
6**	15811.800	46.16	2.13	54.0	7.84	AV	262.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.200	39.11	-17.29	74.0	34.89	Peak	26.00	300	Vertical	Pass
1**	1618.200	29.33	-17.29	54.0	24.67	AV	26.00	300	Vertical	Pass
2	4377.200	49.58	-3.65	74.0	24.42	Peak	309.00	100	Vertical	Pass
2**	4377.200	41.45	-3.65	54.0	12.55	AV	309.00	100	Vertical	Pass
3	5224.600	109.06	-2.61	--	--	Peak	63.00	100	Vertical	N/A
3**	5224.600	101.61	-2.61	--	--	AV	63.00	100	Vertical	N/A
4	7333.500	50.20	-3.12	74.0	23.80	Peak	258.00	100	Vertical	Pass
4**	7333.500	40.75	-3.12	54.0	13.25	AV	258.00	100	Vertical	Pass
5	12398.099	53.08	1.59	74.0	20.92	Peak	294.00	200	Vertical	Pass
5**	12398.099	43.70	1.59	54.0	10.30	AV	294.00	200	Vertical	Pass
6	15673.201	56.21	1.50	74.0	17.79	Peak	238.00	200	Vertical	Pass
6**	15673.201	47.48	1.50	54.0	6.52	AV	238.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.900	38.85	-17.07	74.0	35.15	Peak	133.00	100	Horizontal	Pass
1**	1623.900	29.52	-17.07	54.0	24.48	AV	133.00	100	Horizontal	Pass
2	4395.800	49.52	-3.95	74.0	24.48	Peak	102.00	300	Horizontal	Pass
2**	4395.800	41.18	-3.95	54.0	12.82	AV	102.00	300	Horizontal	Pass
3	5182.600	103.14	-2.57	--	--	Peak	41.00	100	Horizontal	N/A
3**	5182.600	94.69	-2.57	--	--	AV	41.00	100	Horizontal	N/A
4	7382.663	49.73	-3.40	74.0	24.27	Peak	151.00	100	Horizontal	Pass
4**	7382.663	40.64	-3.40	54.0	13.36	AV	151.00	100	Horizontal	Pass
5	12620.338	53.27	1.78	74.0	20.73	Peak	187.00	100	Horizontal	Pass
5**	12620.338	43.43	1.78	54.0	10.57	AV	187.00	100	Horizontal	Pass
6	16071.675	55.94	1.41	74.0	18.06	Peak	223.00	200	Horizontal	Pass
6**	16071.675	45.90	1.41	54.0	8.10	AV	223.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.900	39.30	-17.11	74.0	34.70	Peak	89.00	400	Vertical	Pass
1**	1573.900	29.48	-17.11	54.0	24.52	AV	89.00	400	Vertical	Pass
2	4312.000	49.85	-4.08	74.0	24.15	Peak	304.00	200	Vertical	Pass
2**	4312.000	40.55	-4.08	54.0	13.45	AV	304.00	200	Vertical	Pass
3	5183.600	111.69	-2.51	--	--	Peak	62.00	150	Vertical	N/A
3**	5183.600	104.07	-2.51	--	--	AV	62.00	150	Vertical	N/A
4	7619.562	49.71	-2.63	74.0	24.29	Peak	327.00	400	Vertical	Pass
4**	7619.562	40.03	-2.63	54.0	13.97	AV	327.00	400	Vertical	Pass
5	11340.387	52.88	0.25	74.0	21.12	Peak	231.00	150	Vertical	Pass
5**	11340.387	42.91	0.25	54.0	11.09	AV	231.00	150	Vertical	Pass
6	16127.588	55.78	0.91	74.0	18.22	Peak	170.00	200	Vertical	Pass
6**	16127.588	45.73	0.91	54.0	8.27	AV	170.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.500	38.97	-17.13	74.0	35.03	Peak	307.00	100	Horizontal	Pass
1**	1574.500	29.72	-17.13	54.0	24.28	AV	307.00	100	Horizontal	Pass
2	4389.800	50.19	-3.33	74.0	23.81	Peak	360.00	100	Horizontal	Pass
2**	4389.800	41.37	-3.33	54.0	12.63	AV	360.00	100	Horizontal	Pass
3	5221.600	101.72	-2.69	--	--	Peak	15.00	100	Horizontal	N/A
3**	5221.600	94.32	-2.69	--	--	AV	15.00	100	Horizontal	N/A
4	7316.250	49.79	-3.40	74.0	24.21	Peak	149.00	200	Horizontal	Pass
4**	7316.250	39.97	-3.40	54.0	14.03	AV	149.00	200	Horizontal	Pass
5	12277.638	52.69	1.72	74.0	21.31	Peak	299.00	200	Horizontal	Pass
5**	12277.638	44.43	1.72	54.0	9.57	AV	299.00	200	Horizontal	Pass
6	15797.888	55.95	2.26	74.0	18.05	Peak	0.00	300	Horizontal	Pass
6**	15797.888	47.63	2.26	54.0	6.37	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.500	39.22	-17.04	74.0	34.78	Peak	233.00	100	Vertical	Pass
1**	1459.500	29.19	-17.04	54.0	24.81	AV	233.00	100	Vertical	Pass
2	4393.600	50.18	-3.73	74.0	23.82	Peak	99.00	200	Vertical	Pass
2**	4393.600	40.67	-3.73	54.0	13.33	AV	99.00	200	Vertical	Pass
3	5213.000	110.85	-2.19	--	--	Peak	25.00	100	Vertical	N/A
3**	5213.000	103.50	-2.19	--	--	AV	25.00	100	Vertical	N/A
4	7675.337	49.76	-2.48	74.0	24.24	Peak	217.00	100	Vertical	Pass
4**	7675.337	40.19	-2.48	54.0	13.81	AV	217.00	100	Vertical	Pass
5	12626.950	53.38	1.53	74.0	20.62	Peak	217.00	100	Vertical	Pass
5**	12626.950	43.54	1.53	54.0	10.46	AV	217.00	100	Vertical	Pass
6	15810.224	55.96	2.16	74.0	18.04	Peak	0.00	100	Vertical	Pass
6**	15810.224	45.63	2.16	54.0	8.37	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.700	38.63	-17.25	74.0	35.37	Peak	63.00	400	Horizontal	Pass
1**	1575.700	29.44	-17.25	54.0	24.56	AV	63.00	400	Horizontal	Pass
2	4386.400	50.47	-3.29	74.0	23.53	Peak	315.00	200	Horizontal	Pass
2**	4386.400	42.31	-3.29	54.0	11.69	AV	315.00	200	Horizontal	Pass
3	5236.600	101.78	-2.51	--	--	Peak	15.00	100	Horizontal	N/A
3**	5236.600	93.35	-2.51	--	--	AV	15.00	100	Horizontal	N/A
4	7447.063	49.50	-3.19	74.0	24.50	Peak	148.00	300	Horizontal	Pass
4**	7447.063	40.20	-3.19	54.0	13.80	AV	148.00	300	Horizontal	Pass
5	11668.425	53.16	0.21	74.0	20.84	Peak	90.00	100	Horizontal	Pass
5**	11668.425	44.34	0.21	54.0	9.66	AV	90.00	100	Horizontal	Pass
6	15521.738	55.80	1.38	74.0	18.20	Peak	360.00	100	Horizontal	Pass
6**	15521.738	46.70	1.38	54.0	7.30	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.300	38.71	-17.31	74.0	35.29	Peak	116.00	300	Vertical	Pass
1**	1616.300	29.55	-17.31	54.0	24.45	AV	116.00	300	Vertical	Pass
2	4231.800	50.05	-3.82	74.0	23.95	Peak	0.00	200	Vertical	Pass
2**	4231.800	40.98	-3.82	54.0	13.02	AV	0.00	200	Vertical	Pass
3	5236.000	110.99	-2.52	--	--	Peak	50.00	150	Vertical	N/A
3**	5236.000	103.67	-2.52	--	--	AV	50.00	150	Vertical	N/A
4	7339.250	49.51	-2.93	74.0	24.49	Peak	351.00	100	Vertical	Pass
4**	7339.250	40.71	-2.93	54.0	13.29	AV	351.00	100	Vertical	Pass
5	12613.151	52.96	1.88	74.0	21.04	Peak	289.00	200	Vertical	Pass
5**	12613.151	43.24	1.88	54.0	10.76	AV	289.00	200	Vertical	Pass
6	15807.863	55.60	2.21	74.0	18.40	Peak	0.00	400	Vertical	Pass
6**	15807.863	46.92	2.21	54.0	7.08	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	39.14	-16.85	74.0	34.86	Peak	284.00	400	Horizontal	Pass
1**	1496.300	29.44	-16.85	54.0	24.56	AV	284.00	400	Horizontal	Pass
2	4379.200	49.82	-3.34	74.0	24.18	Peak	205.00	100	Horizontal	Pass
2**	4379.200	41.30	-3.34	54.0	12.70	AV	205.00	100	Horizontal	Pass
3	5195.000	100.12	-2.39	--	--	Peak	25.00	200	Horizontal	N/A
3**	5195.000	93.01	-2.39	--	--	AV	25.00	200	Horizontal	N/A
4	7621.575	49.54	-2.88	74.0	24.46	Peak	302.00	200	Horizontal	Pass
4**	7621.575	40.37	-2.88	54.0	13.63	AV	302.00	200	Horizontal	Pass
5	12312.424	53.08	1.39	74.0	20.92	Peak	171.00	150	Horizontal	Pass
5**	12312.424	43.68	1.39	54.0	10.32	AV	171.00	150	Horizontal	Pass
6	15656.925	56.61	1.22	74.0	17.39	Peak	247.00	200	Horizontal	Pass
6**	15656.925	47.08	1.22	54.0	6.92	AV	247.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.300	40.99	-17.04	74.0	33.01	Peak	119.00	400	Vertical	Pass
1**	1497.300	32.81	-17.04	54.0	21.19	AV	119.00	400	Vertical	Pass
2	4382.000	49.62	-3.64	74.0	24.38	Peak	67.00	200	Vertical	Pass
2**	4382.000	41.42	-3.64	54.0	12.58	AV	67.00	200	Vertical	Pass
3	5185.400	108.96	-2.43	--	--	Peak	48.00	150	Vertical	N/A
3**	5185.400	101.50	-2.43	--	--	AV	48.00	150	Vertical	N/A
4	7337.238	49.60	-2.96	74.0	24.40	Peak	249.00	100	Vertical	Pass
4**	7337.238	41.24	-2.96	54.0	12.76	AV	249.00	100	Vertical	Pass
5	12279.650	53.35	1.79	74.0	20.65	Peak	31.00	150	Vertical	Pass
5**	12279.650	44.34	1.79	54.0	9.66	AV	31.00	150	Vertical	Pass
6	15625.687	56.02	1.72	74.0	17.98	Peak	0.00	400	Vertical	Pass
6**	15625.687	46.02	1.72	54.0	7.98	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.600	38.87	-17.34	74.0	35.13	Peak	307.00	300	Horizontal	Pass
1**	1612.600	30.48	-17.34	54.0	23.52	AV	307.00	300	Horizontal	Pass
2	4388.200	50.22	-3.41	74.0	23.78	Peak	16.00	100	Horizontal	Pass
2**	4388.200	40.80	-3.41	54.0	13.20	AV	16.00	100	Horizontal	Pass
3	5225.400	100.26	-2.55	--	--	Peak	16.00	150	Horizontal	N/A
3**	5225.400	91.86	-2.55	--	--	AV	16.00	150	Horizontal	N/A
4	7439.587	49.18	-3.54	74.0	24.82	Peak	183.00	100	Horizontal	Pass
4**	7439.587	39.64	-3.54	54.0	14.36	AV	183.00	100	Horizontal	Pass
5	12614.300	53.35	1.88	74.0	20.65	Peak	358.00	150	Horizontal	Pass
5**	12614.300	43.52	1.88	54.0	10.48	AV	358.00	150	Horizontal	Pass
6	16087.162	55.82	1.49	74.0	18.18	Peak	238.00	100	Horizontal	Pass
6**	16087.162	46.34	1.49	54.0	7.66	AV	238.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	41.26	-16.84	74.0	32.74	Peak	104.00	100	Vertical	Pass
1**	1496.100	29.94	-16.84	54.0	24.06	AV	104.00	100	Vertical	Pass
2	4379.800	50.01	-3.28	74.0	23.99	Peak	92.00	400	Vertical	Pass
2**	4379.800	41.85	-3.28	54.0	12.15	AV	92.00	400	Vertical	Pass
3	5225.800	109.09	-2.59	--	--	Peak	50.00	200	Vertical	N/A
3**	5225.800	101.85	-2.59	--	--	AV	50.00	200	Vertical	N/A
4	7337.812	49.39	-2.88	74.0	24.61	Peak	36.00	400	Vertical	Pass
4**	7337.812	40.62	-2.88	54.0	13.38	AV	36.00	400	Vertical	Pass
5	12267.862	53.01	1.38	74.0	20.99	Peak	66.00	200	Vertical	Pass
5**	12267.862	43.75	1.38	54.0	10.25	AV	66.00	200	Vertical	Pass
6	16080.338	56.09	1.63	74.0	17.91	Peak	5.00	100	Vertical	Pass
6**	16080.338	47.23	1.63	54.0	6.77	AV	5.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.900	38.73	-17.05	74.0	35.27	Peak	172.00	200	Horizontal	Pass
1**	1583.900	29.43	-17.05	54.0	24.57	AV	172.00	200	Horizontal	Pass
2	4359.600	50.16	-4.07	74.0	23.84	Peak	260.00	300	Horizontal	Pass
2**	4359.600	40.23	-4.07	54.0	13.77	AV	260.00	300	Horizontal	Pass
3	5235.200	96.81	-2.64	--	--	Peak	28.00	150	Horizontal	N/A
3**	5235.200	88.36	-2.64	--	--	AV	28.00	150	Horizontal	N/A
4	7675.913	49.69	-2.51	74.0	24.31	Peak	0.00	100	Horizontal	Pass
4**	7675.913	40.53	-2.51	54.0	13.47	AV	0.00	100	Horizontal	Pass
5	11940.400	53.61	1.68	74.0	20.39	Peak	223.00	150	Horizontal	Pass
5**	11940.400	43.40	1.68	54.0	10.60	AV	223.00	150	Horizontal	Pass
6	15398.625	55.62	0.74	74.0	18.38	Peak	261.00	400	Horizontal	Pass
6**	15398.625	46.94	0.74	54.0	7.06	AV	261.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.000	39.26	-17.12	74.0	34.74	Peak	320.00	100	Vertical	Pass
1**	1625.000	30.76	-17.12	54.0	23.24	AV	320.00	100	Vertical	Pass
2	4380.200	50.78	-3.35	74.0	23.22	Peak	3.00	200	Vertical	Pass
2**	4380.200	41.51	-3.35	54.0	12.49	AV	3.00	200	Vertical	Pass
3	5233.200	105.45	-2.74	--	--	Peak	53.00	100	Vertical	N/A
3**	5233.200	97.46	-2.74	--	--	AV	53.00	100	Vertical	N/A
4	7339.537	50.59	-2.93	74.0	23.41	Peak	131.00	100	Vertical	Pass
4**	7339.537	41.09	-2.93	54.0	12.91	AV	131.00	100	Vertical	Pass
5	12321.050	53.72	1.42	74.0	20.28	Peak	360.00	150	Vertical	Pass
5**	12321.050	43.38	1.42	54.0	10.62	AV	360.00	150	Vertical	Pass
6	15528.825	55.92	1.18	74.0	18.08	Peak	168.00	100	Vertical	Pass
6**	15528.825	45.92	1.18	54.0	8.08	AV	168.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1556.800	39.43	-17.07	74.0	34.57	Peak	351.00	200	Horizontal	Pass
1**	1556.800	30.02	-17.07	54.0	23.98	AV	351.00	200	Horizontal	Pass
2	4380.000	50.38	-3.32	74.0	23.62	Peak	23.00	300	Horizontal	Pass
2**	4380.000	41.44	-3.32	54.0	12.56	AV	23.00	300	Horizontal	Pass
3	5748.000	100.37	-2.21	--	--	Peak	48.00	200	Horizontal	N/A
3**	5748.000	92.70	-2.21	--	--	AV	48.00	200	Horizontal	N/A
4	7338.387	49.80	-2.90	74.0	24.20	Peak	79.00	400	Horizontal	Pass
4**	7338.387	40.88	-2.90	54.0	13.12	AV	79.00	400	Horizontal	Pass
5	12356.125	53.30	1.17	74.0	20.70	Peak	37.00	100	Horizontal	Pass
5**	12356.125	43.90	1.17	54.0	10.10	AV	37.00	100	Horizontal	Pass
6	16192.162	56.32	1.59	74.0	17.68	Peak	267.00	300	Horizontal	Pass
6**	16192.162	47.57	1.59	54.0	6.43	AV	267.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.600	39.16	-16.93	74.0	34.84	Peak	82.00	200	Vertical	Pass
1**	1622.600	28.84	-16.93	54.0	25.16	AV	82.00	200	Vertical	Pass
2	4154.400	49.73	-4.86	74.0	24.27	Peak	283.00	200	Vertical	Pass
2**	4154.400	40.16	-4.86	54.0	13.84	AV	283.00	200	Vertical	Pass
3	5748.400	112.67	-2.22	--	--	Peak	283.00	200	Vertical	N/A
3**	5748.400	105.61	-2.22	--	--	AV	283.00	200	Vertical	N/A
4	7689.138	49.69	-2.32	74.0	24.31	Peak	135.00	300	Vertical	Pass
4**	7689.138	41.29	-2.32	54.0	12.71	AV	135.00	300	Vertical	Pass
5	11911.650	53.35	1.52	74.0	20.65	Peak	254.00	150	Vertical	Pass
5**	11911.650	43.48	1.52	54.0	10.52	AV	254.00	150	Vertical	Pass
6	15660.338	56.55	1.28	74.0	17.45	Peak	37.00	100	Vertical	Pass
6**	15660.338	46.79	1.28	54.0	7.21	AV	37.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.500	38.81	-17.41	74.0	35.19	Peak	321.00	100	Horizontal	Pass
1**	1603.500	29.12	-17.41	54.0	24.88	AV	321.00	100	Horizontal	Pass
2	4386.400	50.29	-3.29	74.0	23.71	Peak	208.00	100	Horizontal	Pass
2**	4386.400	41.44	-3.29	54.0	12.56	AV	208.00	100	Horizontal	Pass
3	5779.800	99.91	-1.82	--	--	Peak	65.00	100	Horizontal	N/A
3**	5779.800	92.99	-1.82	--	--	AV	65.00	100	Horizontal	N/A
4	7337.525	49.18	-2.90	74.0	24.82	Peak	61.00	300	Horizontal	Pass
4**	7337.525	40.62	-2.90	54.0	13.38	AV	61.00	300	Horizontal	Pass
5	12280.225	52.75	1.80	74.0	21.25	Peak	12.00	100	Horizontal	Pass
5**	12280.225	44.70	1.80	54.0	9.30	AV	12.00	100	Horizontal	Pass
6	15355.575	56.20	0.60	74.0	17.80	Peak	0.00	400	Horizontal	Pass
6**	15355.575	45.40	0.60	54.0	8.60	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.300	39.89	-17.04	74.0	34.11	Peak	106.00	200	Vertical	Pass
1**	1497.300	29.43	-17.04	54.0	24.57	AV	106.00	200	Vertical	Pass
2	4363.800	50.10	-4.13	74.0	23.90	Peak	238.00	100	Vertical	Pass
2**	4363.800	39.87	-4.13	54.0	14.13	AV	238.00	100	Vertical	Pass
3	5782.000	113.66	-1.37	--	--	Peak	360.00	200	Vertical	N/A
3**	5782.000	106.81	-1.37	--	--	AV	360.00	200	Vertical	N/A
4	7713.862	51.82	-2.37	74.0	22.18	Peak	220.00	400	Vertical	Pass
4**	7713.862	45.42	-2.37	54.0	8.58	AV	220.00	400	Vertical	Pass
5	12371.651	53.27	1.29	74.0	20.73	Peak	124.00	150	Vertical	Pass
5**	12371.651	43.17	1.29	54.0	10.83	AV	124.00	150	Vertical	Pass
6	16124.701	55.13	0.79	74.0	18.87	Peak	254.00	200	Vertical	Pass
6**	16124.701	46.52	0.79	54.0	7.48	AV	254.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.600	39.51	-17.34	74.0	34.49	Peak	62.00	300	Horizontal	Pass
1**	1612.600	29.00	-17.34	54.0	25.00	AV	62.00	300	Horizontal	Pass
2	4290.400	49.78	-4.44	74.0	24.22	Peak	352.00	200	Horizontal	Pass
2**	4290.400	40.07	-4.44	54.0	13.93	AV	352.00	200	Horizontal	Pass
3	5827.000	99.65	-1.98	--	--	Peak	58.00	200	Horizontal	N/A
3**	5827.000	92.40	-1.98	--	--	AV	58.00	200	Horizontal	N/A
4	7331.775	49.76	-3.31	74.0	24.24	Peak	60.00	100	Horizontal	Pass
4**	7331.775	40.42	-3.31	54.0	13.58	AV	60.00	100	Horizontal	Pass
5	12230.200	53.44	1.30	74.0	20.56	Peak	44.00	200	Horizontal	Pass
5**	12230.200	43.85	1.30	54.0	10.15	AV	44.00	200	Horizontal	Pass
6	16109.737	55.71	0.78	74.0	18.29	Peak	216.00	100	Horizontal	Pass
6**	16109.737	46.47	0.78	54.0	7.53	AV	216.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.400	39.48	-17.20	74.0	34.52	Peak	243.00	200	Vertical	Pass
1**	1446.400	29.11	-17.20	54.0	24.89	AV	243.00	200	Vertical	Pass
2	4229.600	49.74	-3.88	74.0	24.26	Peak	95.00	200	Vertical	Pass
2**	4229.600	40.24	-3.88	54.0	13.76	AV	95.00	200	Vertical	Pass
3	5828.600	113.35	-1.83	--	--	Peak	292.00	200	Vertical	N/A
3**	5828.600	105.69	-1.83	--	--	AV	292.00	200	Vertical	N/A
4	7621.575	49.05	-2.88	74.0	24.95	Peak	92.00	300	Vertical	Pass
4**	7621.575	39.93	-2.88	54.0	14.07	AV	92.00	300	Vertical	Pass
5	12314.150	53.34	1.40	74.0	20.66	Peak	108.00	150	Vertical	Pass
5**	12314.150	43.64	1.40	54.0	10.36	AV	108.00	150	Vertical	Pass
6	15857.738	56.21	1.05	74.0	17.79	Peak	139.00	300	Vertical	Pass
6**	15857.738	46.49	1.05	54.0	7.51	AV	139.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.300	38.99	-16.80	74.0	35.01	Peak	281.00	400	Horizontal	Pass
1**	1488.300	30.49	-16.80	54.0	23.51	AV	281.00	400	Horizontal	Pass
2	4385.200	51.32	-3.43	74.0	22.68	Peak	111.00	200	Horizontal	Pass
2**	4385.200	41.27	-3.43	54.0	12.73	AV	111.00	200	Horizontal	Pass
3	5750.800	98.20	-2.26	--	--	Peak	58.00	150	Horizontal	N/A
3**	5750.800	90.80	-2.26	--	--	AV	58.00	150	Horizontal	N/A
4	7711.850	50.00	-2.23	74.0	24.00	Peak	78.00	400	Horizontal	Pass
4**	7711.850	39.73	-2.23	54.0	14.27	AV	78.00	400	Horizontal	Pass
5	12366.188	53.30	1.22	74.0	20.70	Peak	61.00	200	Horizontal	Pass
5**	12366.188	43.58	1.22	54.0	10.42	AV	61.00	200	Horizontal	Pass
6	16199.513	55.51	1.58	74.0	18.49	Peak	308.00	100	Horizontal	Pass
6**	16199.513	46.40	1.58	54.0	7.60	AV	308.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	39.64	-16.69	74.0	34.36	Peak	204.00	100	Vertical	Pass
1**	1485.300	29.34	-16.69	54.0	24.66	AV	204.00	100	Vertical	Pass
2	4379.800	50.63	-3.28	74.0	23.37	Peak	343.00	200	Vertical	Pass
2**	4379.800	40.95	-3.28	54.0	13.05	AV	343.00	200	Vertical	Pass
3	5744.000	113.30	-2.06	--	--	Peak	301.00	100	Vertical	N/A
3**	5744.000	106.61	-2.06	--	--	AV	301.00	100	Vertical	N/A
4	7659.812	49.89	-2.93	74.0	24.11	Peak	240.00	100	Vertical	Pass
4**	7659.812	41.41	-2.93	54.0	12.59	AV	240.00	100	Vertical	Pass
5	12285.688	52.66	1.76	74.0	21.34	Peak	0.00	150	Vertical	Pass
5**	12285.688	43.27	1.76	54.0	10.73	AV	0.00	150	Vertical	Pass
6	15842.513	55.30	1.41	74.0	18.70	Peak	326.00	300	Vertical	Pass
6**	15842.513	46.17	1.41	54.0	7.83	AV	326.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.200	39.55	-17.06	74.0	34.45	Peak	2.00	300	Horizontal	Pass
1**	1611.200	29.82	-17.06	54.0	24.18	AV	2.00	300	Horizontal	Pass
2	4381.200	50.19	-3.52	74.0	23.81	Peak	360.00	100	Horizontal	Pass
2**	4381.200	41.22	-3.52	54.0	12.78	AV	360.00	100	Horizontal	Pass
3	5778.600	98.75	-2.05	--	--	Peak	64.00	150	Horizontal	N/A
3**	5778.600	91.84	-2.05	--	--	AV	64.00	150	Horizontal	N/A
4	7674.763	49.47	-2.43	74.0	24.53	Peak	187.00	200	Horizontal	Pass
4**	7674.763	39.73	-2.43	54.0	14.27	AV	187.00	200	Horizontal	Pass
5	11907.049	53.48	1.57	74.0	20.52	Peak	298.00	100	Horizontal	Pass
5**	11907.049	42.16	1.57	54.0	11.84	AV	298.00	100	Horizontal	Pass
6	16188.225	55.40	1.56	74.0	18.60	Peak	32.00	100	Horizontal	Pass
6**	16188.225	45.69	1.56	54.0	8.31	AV	32.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.100	38.91	-17.02	74.0	35.09	Peak	326.00	300	Vertical	Pass
1**	1571.100	29.37	-17.02	54.0	24.63	AV	326.00	300	Vertical	Pass
2	4391.200	49.72	-3.40	74.0	24.28	Peak	31.00	300	Vertical	Pass
2**	4391.200	42.51	-3.40	54.0	11.49	AV	31.00	300	Vertical	Pass
3	5782.800	112.84	-1.40	--	--	Peak	0.00	200	Vertical	N/A
3**	5782.800	105.65	-1.40	--	--	AV	0.00	200	Vertical	N/A
4	7713.288	51.50	-2.33	74.0	22.50	Peak	221.00	300	Vertical	Pass
4**	7713.288	45.08	-2.33	54.0	8.92	AV	221.00	300	Vertical	Pass
5	11573.838	53.61	-0.40	74.0	20.39	Peak	333.00	200	Vertical	Pass
5**	11573.838	42.83	-0.40	54.0	11.17	AV	333.00	200	Vertical	Pass
6	16085.325	55.54	1.52	74.0	18.46	Peak	49.00	200	Vertical	Pass
6**	16085.325	46.07	1.52	54.0	7.93	AV	49.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.300	39.23	-17.19	74.0	34.77	Peak	132.00	100	Horizontal	Pass
1**	1626.300	29.65	-17.19	54.0	24.35	AV	132.00	100	Horizontal	Pass
2	4379.000	50.65	-3.36	74.0	23.35	Peak	32.00	300	Horizontal	Pass
2**	4379.000	41.26	-3.36	54.0	12.74	AV	32.00	300	Horizontal	Pass
3	5826.800	99.11	-2.00	--	--	Peak	62.00	100	Horizontal	N/A
3**	5826.800	91.28	-2.00	--	--	AV	62.00	100	Horizontal	N/A
4	7320.850	49.74	-3.12	74.0	24.26	Peak	222.00	300	Horizontal	Pass
4**	7320.850	40.53	-3.12	54.0	13.47	AV	222.00	300	Horizontal	Pass
5	12607.688	52.92	1.90	74.0	21.08	Peak	94.00	200	Horizontal	Pass
5**	12607.688	43.73	1.90	54.0	10.27	AV	94.00	200	Horizontal	Pass
6	15509.925	55.53	1.44	74.0	18.47	Peak	215.00	100	Horizontal	Pass
6**	15509.925	46.11	1.44	54.0	7.89	AV	215.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.900	38.92	-16.83	74.0	35.08	Peak	317.00	200	Vertical	Pass
1**	1506.900	29.79	-16.83	54.0	24.21	AV	317.00	200	Vertical	Pass
2	4383.200	50.18	-3.64	74.0	23.82	Peak	12.00	200	Vertical	Pass
2**	4383.200	40.68	-3.64	54.0	13.32	AV	12.00	200	Vertical	Pass
3	5830.800	112.80	-1.76	--	--	Peak	301.00	100	Vertical	N/A
3**	5830.800	105.50	-1.76	--	--	AV	301.00	100	Vertical	N/A
4	7374.038	49.76	-3.77	74.0	24.24	Peak	206.00	100	Vertical	Pass
4**	7374.038	40.30	-3.77	54.0	13.70	AV	206.00	100	Vertical	Pass
5	11660.951	53.71	0.13	74.0	20.29	Peak	338.00	100	Vertical	Pass
5**	11660.951	44.73	0.13	54.0	9.27	AV	338.00	100	Vertical	Pass
6	15838.312	55.86	1.45	74.0	18.14	Peak	253.00	300	Vertical	Pass
6**	15838.312	46.77	1.45	54.0	7.23	AV	253.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.700	38.96	-16.82	74.0	35.04	Peak	185.00	100	Horizontal	Pass
1**	1506.700	29.68	-16.82	54.0	24.32	AV	185.00	100	Horizontal	Pass
2	4392.200	50.15	-3.53	74.0	23.85	Peak	301.00	400	Horizontal	Pass
2**	4392.200	41.07	-3.53	54.0	12.93	AV	301.00	400	Horizontal	Pass
3	5751.600	96.54	-2.09	--	--	Peak	228.00	150	Horizontal	N/A
3**	5751.600	88.09	-2.09	--	--	AV	228.00	150	Horizontal	N/A
4	7337.812	49.56	-2.88	74.0	24.44	Peak	333.00	300	Horizontal	Pass
4**	7337.812	40.81	-2.88	54.0	13.19	AV	333.00	300	Horizontal	Pass
5	12287.126	52.56	1.73	74.0	21.44	Peak	253.00	200	Horizontal	Pass
5**	12287.126	43.67	1.73	54.0	10.33	AV	253.00	200	Horizontal	Pass
6	15395.213	56.44	0.67	74.0	17.56	Peak	0.00	100	Horizontal	Pass
6**	15395.213	46.56	0.67	54.0	7.44	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.700	39.66	-16.86	74.0	34.34	Peak	98.00	100	Vertical	Pass
1**	1494.700	29.89	-16.86	54.0	24.11	AV	98.00	100	Vertical	Pass
2	4382.800	49.65	-3.64	74.0	24.35	Peak	147.00	400	Vertical	Pass
2**	4382.800	40.99	-3.64	54.0	13.01	AV	147.00	400	Vertical	Pass
3	5749.800	110.74	-2.31	--	--	Peak	302.00	100	Vertical	N/A
3**	5749.800	102.29	-2.31	--	--	AV	302.00	100	Vertical	N/A
4	7673.325	50.06	-2.29	74.0	23.94	Peak	254.00	200	Vertical	Pass
4**	7673.325	44.30	-2.29	54.0	9.70	AV	254.00	200	Vertical	Pass
5	12321.912	52.70	1.42	74.0	21.30	Peak	142.00	100	Vertical	Pass
5**	12321.912	43.78	1.42	54.0	10.22	AV	142.00	100	Vertical	Pass
6	16046.474	55.56	0.74	74.0	18.44	Peak	290.00	400	Vertical	Pass
6**	16046.474	46.55	0.74	54.0	7.45	AV	290.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	39.10	-16.96	74.0	34.90	Peak	179.00	200	Horizontal	Pass
1**	1540.700	29.37	-16.96	54.0	24.63	AV	179.00	200	Horizontal	Pass
2	4377.000	50.04	-3.71	74.0	23.96	Peak	12.00	200	Horizontal	Pass
2**	4377.000	41.34	-3.71	54.0	12.66	AV	12.00	200	Horizontal	Pass
3	5799.400	95.72	-1.66	--	--	Peak	63.00	200	Horizontal	N/A
3**	5799.400	87.08	-1.66	--	--	AV	63.00	200	Horizontal	N/A
4	7280.600	49.58	-3.02	74.0	24.42	Peak	222.00	200	Horizontal	Pass
4**	7280.600	40.63	-3.02	54.0	13.37	AV	222.00	200	Horizontal	Pass
5	12336.575	52.72	1.33	74.0	21.28	Peak	13.00	100	Horizontal	Pass
5**	12336.575	43.17	1.33	54.0	10.83	AV	13.00	100	Horizontal	Pass
6	16025.737	55.38	0.68	74.0	18.62	Peak	199.00	100	Horizontal	Pass
6**	16025.737	46.70	0.68	54.0	7.30	AV	199.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.600	39.44	-17.02	74.0	34.56	Peak	351.00	300	Vertical	Pass
1**	1535.600	29.49	-17.02	54.0	24.51	AV	351.00	300	Vertical	Pass
2	4233.800	50.04	-3.96	74.0	23.96	Peak	44.00	100	Vertical	Pass
2**	4233.800	40.36	-3.96	54.0	13.64	AV	44.00	100	Vertical	Pass
3	5783.400	110.07	-1.48	--	--	Peak	292.00	200	Vertical	N/A
3**	5783.400	102.74	-1.48	--	--	AV	292.00	200	Vertical	N/A
4	7726.800	50.06	-2.49	74.0	23.94	Peak	61.00	400	Vertical	Pass
4**	7726.800	44.69	-2.49	54.0	9.31	AV	61.00	400	Vertical	Pass
5	12233.075	52.64	1.21	74.0	21.36	Peak	214.00	150	Vertical	Pass
5**	12233.075	44.00	1.21	54.0	10.00	AV	214.00	150	Vertical	Pass
6	15666.900	55.51	1.37	74.0	18.49	Peak	345.00	300	Vertical	Pass
6**	15666.900	46.27	1.37	54.0	7.73	AV	345.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.000	38.99	-17.24	74.0	35.01	Peak	351.00	300	Horizontal	Pass
1**	1565.000	30.37	-17.24	54.0	23.63	AV	351.00	300	Horizontal	Pass
2	4378.600	49.75	-3.40	74.0	24.25	Peak	119.00	400	Horizontal	Pass
2**	4378.600	41.14	-3.40	54.0	12.86	AV	119.00	400	Horizontal	Pass
3	5746.200	98.03	-2.21	--	--	Peak	58.00	200	Horizontal	N/A
3**	5746.200	90.24	-2.21	--	--	AV	58.00	200	Horizontal	N/A
4	7379.212	49.43	-3.47	74.0	24.57	Peak	94.00	200	Horizontal	Pass
4**	7379.212	39.74	-3.47	54.0	14.26	AV	94.00	200	Horizontal	Pass
5	12275.625	52.91	1.64	74.0	21.09	Peak	351.00	150	Horizontal	Pass
5**	12275.625	43.34	1.64	54.0	10.66	AV	351.00	150	Horizontal	Pass
6	15823.612	55.70	1.71	74.0	18.30	Peak	48.00	200	Horizontal	Pass
6**	15823.612	45.59	1.71	54.0	8.41	AV	48.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.000	40.54	-16.87	74.0	33.46	Peak	110.00	100	Vertical	Pass
1**	1494.000	31.46	-16.87	54.0	22.54	AV	110.00	100	Vertical	Pass
2	4372.800	50.38	-3.94	74.0	23.62	Peak	302.00	300	Vertical	Pass
2**	4372.800	40.00	-3.94	54.0	14.00	AV	302.00	300	Vertical	Pass
3	5748.600	112.36	-2.24	--	--	Peak	302.00	150	Vertical	N/A
3**	5748.600	105.50	-2.24	--	--	AV	302.00	150	Vertical	N/A
4	7382.663	48.95	-3.40	74.0	25.05	Peak	45.00	400	Vertical	Pass
4**	7382.663	39.85	-3.40	54.0	14.15	AV	45.00	400	Vertical	Pass
5	12045.050	52.99	0.92	74.0	21.01	Peak	352.00	100	Vertical	Pass
5**	12045.050	41.68	0.92	54.0	12.32	AV	352.00	100	Vertical	Pass
6	16090.050	56.06	1.43	74.0	17.94	Peak	160.00	200	Vertical	Pass
6**	16090.050	46.88	1.43	54.0	7.12	AV	160.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.400	39.79	-17.03	74.0	34.21	Peak	165.00	300	Horizontal	Pass
1**	1482.400	28.88	-17.03	54.0	25.12	AV	165.00	300	Horizontal	Pass
2	4386.800	50.07	-3.31	74.0	23.93	Peak	108.00	300	Horizontal	Pass
2**	4386.800	41.02	-3.31	54.0	12.98	AV	108.00	300	Horizontal	Pass
3	5781.000	98.46	-1.58	--	--	Peak	55.00	150	Horizontal	N/A
3**	5781.000	90.69	-1.58	--	--	AV	55.00	150	Horizontal	N/A
4	7332.925	49.81	-3.17	74.0	24.19	Peak	109.00	400	Horizontal	Pass
4**	7332.925	41.86	-3.17	54.0	12.14	AV	109.00	400	Horizontal	Pass
5	12426.276	53.02	1.47	74.0	20.98	Peak	360.00	200	Horizontal	Pass
5**	12426.276	42.85	1.47	54.0	11.15	AV	360.00	200	Horizontal	Pass
6	15797.888	56.41	2.26	74.0	17.59	Peak	105.00	400	Horizontal	Pass
6**	15797.888	46.14	2.26	54.0	7.86	AV	105.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	39.11	-16.85	74.0	34.89	Peak	101.00	400	Vertical	Pass
1**	1496.300	29.39	-16.85	54.0	24.61	AV	101.00	400	Vertical	Pass
2	4380.600	51.56	-3.42	74.0	22.44	Peak	321.00	100	Vertical	Pass
2**	4380.600	41.85	-3.42	54.0	12.15	AV	321.00	100	Vertical	Pass
3	5782.000	112.39	-1.37	--	--	Peak	2.00	150	Vertical	N/A
3**	5782.000	105.11	-1.37	--	--	AV	2.00	150	Vertical	N/A
4	7339.825	50.15	-2.95	74.0	23.85	Peak	333.00	100	Vertical	Pass
4**	7339.825	40.72	-2.95	54.0	13.28	AV	333.00	100	Vertical	Pass
5	12280.513	53.09	1.80	74.0	20.91	Peak	125.00	200	Vertical	Pass
5**	12280.513	44.24	1.80	54.0	9.76	AV	125.00	200	Vertical	Pass
6	15838.312	55.74	1.45	74.0	18.26	Peak	216.00	300	Vertical	Pass
6**	15838.312	46.50	1.45	54.0	7.50	AV	216.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.900	38.78	-17.38	74.0	35.22	Peak	310.00	200	Horizontal	Pass
1**	1602.900	29.29	-17.38	54.0	24.71	AV	310.00	200	Horizontal	Pass
2	4253.400	50.23	-4.52	74.0	23.77	Peak	37.00	400	Horizontal	Pass
2**	4253.400	41.13	-4.52	54.0	12.87	AV	37.00	400	Horizontal	Pass
3	5828.600	98.02	-1.83	--	--	Peak	67.00	150	Horizontal	N/A
3**	5828.600	90.49	-1.83	--	--	AV	67.00	150	Horizontal	N/A
4	7450.800	49.48	-3.19	74.0	24.52	Peak	270.00	300	Horizontal	Pass
4**	7450.800	40.22	-3.19	54.0	13.78	AV	270.00	300	Horizontal	Pass
5	11518.638	52.56	-0.40	74.0	21.44	Peak	0.00	100	Horizontal	Pass
5**	11518.638	42.18	-0.40	54.0	11.82	AV	0.00	100	Horizontal	Pass
6	15806.812	55.66	2.23	74.0	18.34	Peak	141.00	100	Horizontal	Pass
6**	15806.812	46.92	2.23	54.0	7.08	AV	141.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.700	39.43	-17.35	74.0	34.57	Peak	200.00	100	Vertical	Pass
1**	1468.700	29.62	-17.35	54.0	24.38	AV	200.00	100	Vertical	Pass
2	4384.200	50.01	-3.61	74.0	23.99	Peak	74.00	300	Vertical	Pass
2**	4384.200	40.55	-3.61	54.0	13.45	AV	74.00	300	Vertical	Pass
3	5829.000	112.23	-1.80	--	--	Peak	302.00	150	Vertical	N/A
3**	5829.000	104.79	-1.80	--	--	AV	302.00	150	Vertical	N/A
4	7434.125	49.04	-3.39	74.0	24.96	Peak	360.00	300	Vertical	Pass
4**	7434.125	39.59	-3.39	54.0	14.41	AV	360.00	300	Vertical	Pass
5	11650.025	52.91	-0.16	74.0	21.09	Peak	333.00	200	Vertical	Pass
5**	11650.025	45.08	-0.16	54.0	8.92	AV	333.00	200	Vertical	Pass
6	15797.100	55.76	2.24	74.0	18.24	Peak	360.00	400	Vertical	Pass
6**	15797.100	46.74	2.24	54.0	7.26	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.800	39.58	-17.09	74.0	34.42	Peak	0.00	200	Horizontal	Pass
1**	1481.800	30.02	-17.09	54.0	23.98	AV	0.00	200	Horizontal	Pass
2	4392.000	50.07	-3.50	74.0	23.93	Peak	210.00	200	Horizontal	Pass
2**	4392.000	41.76	-3.50	54.0	12.24	AV	210.00	200	Horizontal	Pass
3	5765.000	96.58	-1.53	--	--	Peak	54.00	100	Horizontal	N/A
3**	5765.000	88.33	-1.53	--	--	AV	54.00	100	Horizontal	N/A
4	7443.038	49.81	-3.32	74.0	24.19	Peak	93.00	300	Horizontal	Pass
4**	7443.038	40.38	-3.32	54.0	13.62	AV	93.00	300	Horizontal	Pass
5	12283.963	53.75	1.78	74.0	20.25	Peak	327.00	100	Horizontal	Pass
5**	12283.963	43.48	1.78	54.0	10.52	AV	327.00	100	Horizontal	Pass
6	15764.287	55.58	0.98	74.0	18.42	Peak	169.00	200	Horizontal	Pass
6**	15764.287	45.58	0.98	54.0	8.42	AV	169.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.400	39.85	-17.50	74.0	34.15	Peak	118.00	300	Vertical	Pass
1**	1606.400	28.43	-17.50	54.0	25.57	AV	118.00	300	Vertical	Pass
2	4384.600	50.62	-3.54	74.0	23.38	Peak	270.00	400	Vertical	Pass
2**	4384.600	41.48	-3.54	54.0	12.52	AV	270.00	400	Vertical	Pass
3	5751.200	110.57	-2.17	--	--	Peak	332.00	100	Vertical	N/A
3**	5751.200	102.75	-2.17	--	--	AV	332.00	100	Vertical	N/A
4	7673.612	50.34	-2.31	74.0	23.66	Peak	239.00	200	Vertical	Pass
4**	7673.612	46.04	-2.31	54.0	7.96	AV	239.00	200	Vertical	Pass
5	12621.776	53.22	1.72	74.0	20.78	Peak	95.00	150	Vertical	Pass
5**	12621.776	42.86	1.72	54.0	11.14	AV	95.00	150	Vertical	Pass
6	16084.013	55.63	1.55	74.0	18.37	Peak	326.00	100	Vertical	Pass
6**	16084.013	46.14	1.55	54.0	7.86	AV	326.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.200	38.83	-16.82	74.0	35.17	Peak	94.00	100	Horizontal	Pass
1**	1491.200	29.49	-16.82	54.0	24.51	AV	94.00	100	Horizontal	Pass
2	4379.000	49.94	-3.36	74.0	24.06	Peak	62.00	200	Horizontal	Pass
2**	4379.000	41.27	-3.36	54.0	12.73	AV	62.00	200	Horizontal	Pass
3	5783.800	95.88	-1.54	--	--	Peak	62.00	200	Horizontal	N/A
3**	5783.800	88.37	-1.54	--	--	AV	62.00	200	Horizontal	N/A
4	7338.675	49.80	-2.91	74.0	24.20	Peak	352.00	200	Horizontal	Pass
4**	7338.675	40.92	-2.91	54.0	13.08	AV	352.00	200	Horizontal	Pass
5	12279.075	52.64	1.77	74.0	21.36	Peak	239.00	200	Horizontal	Pass
5**	12279.075	44.27	1.77	54.0	9.73	AV	239.00	200	Horizontal	Pass
6	16031.776	56.36	0.73	74.0	17.64	Peak	49.00	300	Horizontal	Pass
6**	16031.776	46.69	0.73	54.0	7.31	AV	49.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	41.20	-16.87	74.0	32.80	Peak	107.00	100	Vertical	Pass
1**	1496.400	30.34	-16.87	54.0	23.66	AV	107.00	100	Vertical	Pass
2	4379.600	50.50	-3.30	74.0	23.50	Peak	111.00	200	Vertical	Pass
2**	4379.600	41.06	-3.30	54.0	12.94	AV	111.00	200	Vertical	Pass
3	5787.800	110.29	-1.70	--	--	Peak	299.00	150	Vertical	N/A
3**	5787.800	102.35	-1.70	--	--	AV	299.00	150	Vertical	N/A
4	7726.513	50.48	-2.48	74.0	23.52	Peak	238.00	400	Vertical	Pass
4**	7726.513	43.97	-2.48	54.0	10.03	AV	238.00	400	Vertical	Pass
5	11935.799	53.32	1.69	74.0	20.68	Peak	28.00	200	Vertical	Pass
5**	11935.799	43.31	1.69	54.0	10.69	AV	28.00	200	Vertical	Pass
6	15509.662	55.57	1.43	74.0	18.43	Peak	0.00	400	Vertical	Pass
6**	15509.662	46.43	1.43	54.0	7.57	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.200	39.36	-17.10	74.0	34.64	Peak	242.00	400	Horizontal	Pass
1**	1538.200	30.03	-17.10	54.0	23.97	AV	242.00	400	Horizontal	Pass
2	4380.000	50.04	-3.32	74.0	23.96	Peak	115.00	300	Horizontal	Pass
2**	4380.000	40.89	-3.32	54.0	13.11	AV	115.00	300	Horizontal	Pass
3	5786.000	93.10	-1.65	--	--	Peak	63.00	200	Horizontal	N/A
3**	5786.000	85.62	-1.65	--	--	AV	63.00	200	Horizontal	N/A
4	7342.125	49.87	-3.19	74.0	24.13	Peak	319.00	200	Horizontal	Pass
4**	7342.125	40.81	-3.19	54.0	13.19	AV	319.00	200	Horizontal	Pass
5	12244.287	52.97	1.02	74.0	21.03	Peak	189.00	100	Horizontal	Pass
5**	12244.287	44.00	1.02	54.0	10.00	AV	189.00	100	Horizontal	Pass
6	16093.463	55.61	1.36	74.0	18.39	Peak	199.00	300	Horizontal	Pass
6**	16093.463	46.15	1.36	54.0	7.85	AV	199.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.700	38.94	-16.94	74.0	35.06	Peak	255.00	400	Vertical	Pass
1**	1622.700	29.96	-16.94	54.0	24.04	AV	255.00	400	Vertical	Pass
2	4375.600	50.03	-4.18	74.0	23.97	Peak	269.00	100	Vertical	Pass
2**	4375.600	40.53	-4.18	54.0	13.47	AV	269.00	100	Vertical	Pass
3	5784.000	106.56	-1.57	--	--	Peak	291.00	150	Vertical	N/A
3**	5784.000	98.94	-1.57	--	--	AV	291.00	150	Vertical	N/A
4	7339.825	49.26	-2.95	74.0	24.74	Peak	0.00	400	Vertical	Pass
4**	7339.825	41.36	-2.95	54.0	12.64	AV	0.00	400	Vertical	Pass
5	12264.412	53.26	1.27	74.0	20.74	Peak	43.00	100	Vertical	Pass
5**	12264.412	43.11	1.27	54.0	10.89	AV	43.00	100	Vertical	Pass
6	15859.313	56.21	0.96	74.0	17.79	Peak	0.00	400	Vertical	Pass
6**	15859.313	46.19	0.96	54.0	7.81	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.700	39.10	-17.14	74.0	34.90	Peak	26.00	300	Horizontal	Pass
1**	1574.700	29.04	-17.14	54.0	24.96	AV	26.00	300	Horizontal	Pass
2	4394.400	50.40	-3.84	74.0	23.60	Peak	349.00	300	Horizontal	Pass
2**	4394.400	41.52	-3.84	54.0	12.48	AV	349.00	300	Horizontal	Pass
3	5183.200	103.00	-2.53	--	--	Peak	27.00	150	Horizontal	N/A
3**	5183.200	95.71	-2.53	--	--	AV	27.00	150	Horizontal	N/A
4	7333.212	49.58	-3.14	74.0	24.42	Peak	134.00	100	Horizontal	Pass
4**	7333.212	41.00	-3.14	54.0	13.00	AV	134.00	100	Horizontal	Pass
5	10931.276	53.30	0.06	74.0	20.70	Peak	251.00	100	Horizontal	Pass
5**	10931.276	43.04	0.06	54.0	10.96	AV	251.00	100	Horizontal	Pass
6	15635.662	55.75	1.53	74.0	18.25	Peak	267.00	300	Horizontal	Pass
6**	15635.662	47.38	1.53	54.0	6.62	AV	267.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.200	38.70	-17.36	74.0	35.30	Peak	266.00	200	Vertical	Pass
1**	1470.200	29.04	-17.36	54.0	24.96	AV	266.00	200	Vertical	Pass
2	4284.200	50.25	-4.14	74.0	23.75	Peak	187.00	300	Vertical	Pass
2**	4284.200	41.53	-4.14	54.0	12.47	AV	187.00	300	Vertical	Pass
3	5175.200	112.93	-2.38	--	--	Peak	18.00	200	Vertical	N/A
3**	5175.200	105.68	-2.38	--	--	AV	18.00	200	Vertical	N/A
4	7618.413	49.40	-2.72	74.0	24.60	Peak	188.00	400	Vertical	Pass
4**	7618.413	39.98	-2.72	54.0	14.02	AV	188.00	400	Vertical	Pass
5	12413.912	53.18	1.42	74.0	20.82	Peak	75.00	200	Vertical	Pass
5**	12413.912	44.49	1.42	54.0	9.51	AV	75.00	200	Vertical	Pass
6	16088.738	55.74	1.46	74.0	18.26	Peak	313.00	200	Vertical	Pass
6**	16088.738	45.39	1.46	54.0	8.61	AV	313.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.800	39.04	-17.15	74.0	34.96	Peak	276.00	300	Horizontal	Pass
1**	1567.800	29.78	-17.15	54.0	24.22	AV	276.00	300	Horizontal	Pass
2	4388.800	49.87	-3.38	74.0	24.13	Peak	0.00	400	Horizontal	Pass
2**	4388.800	41.83	-3.38	54.0	12.17	AV	0.00	400	Horizontal	Pass
3	5222.400	102.33	-2.70	--	--	Peak	28.00	200	Horizontal	N/A
3**	5222.400	93.98	-2.70	--	--	AV	28.00	200	Horizontal	N/A
4	7624.450	49.92	-2.98	74.0	24.08	Peak	266.00	400	Horizontal	Pass
4**	7624.450	40.19	-2.98	54.0	13.81	AV	266.00	400	Horizontal	Pass
5	12505.050	52.76	1.68	74.0	21.24	Peak	43.00	150	Horizontal	Pass
5**	12505.050	42.99	1.68	54.0	11.01	AV	43.00	150	Horizontal	Pass
6	16033.087	55.99	0.74	74.0	18.01	Peak	330.00	200	Horizontal	Pass
6**	16033.087	46.99	0.74	54.0	7.01	AV	330.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.800	41.86	-17.13	74.0	32.14	Peak	94.00	200	Vertical	Pass
1**	1497.800	31.40	-17.13	54.0	22.60	AV	94.00	200	Vertical	Pass
2	4384.000	50.49	-3.64	74.0	23.51	Peak	71.00	400	Vertical	Pass
2**	4384.000	40.80	-3.64	54.0	13.20	AV	71.00	400	Vertical	Pass
3	5216.000	112.70	-2.61	--	--	Peak	17.00	200	Vertical	N/A
3**	5216.000	105.31	-2.61	--	--	AV	17.00	200	Vertical	N/A
4	7363.687	49.65	-3.69	74.0	24.35	Peak	347.00	100	Vertical	Pass
4**	7363.687	39.30	-3.69	54.0	14.70	AV	347.00	100	Vertical	Pass
5	11929.763	52.85	1.56	74.0	21.15	Peak	56.00	200	Vertical	Pass
5**	11929.763	43.08	1.56	54.0	10.92	AV	56.00	200	Vertical	Pass
6	16078.238	55.74	1.61	74.0	18.26	Peak	88.00	300	Vertical	Pass
6**	16078.238	46.70	1.61	54.0	7.30	AV	88.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.700	39.06	-16.87	74.0	34.94	Peak	2.00	100	Horizontal	Pass
1**	1500.700	29.74	-16.87	54.0	24.26	AV	2.00	100	Horizontal	Pass
2	4379.200	51.59	-3.34	74.0	22.41	Peak	331.00	300	Horizontal	Pass
2**	4379.200	41.92	-3.34	54.0	12.08	AV	331.00	300	Horizontal	Pass
3	5235.800	102.37	-2.55	--	--	Peak	27.00	200	Horizontal	N/A
3**	5235.800	95.29	-2.55	--	--	AV	27.00	200	Horizontal	N/A
4	7350.175	50.00	-3.63	74.0	24.00	Peak	84.00	300	Horizontal	Pass
4**	7350.175	40.78	-3.63	54.0	13.22	AV	84.00	300	Horizontal	Pass
5	12616.600	53.38	1.85	74.0	20.62	Peak	192.00	150	Horizontal	Pass
5**	12616.600	43.64	1.85	54.0	10.36	AV	192.00	150	Horizontal	Pass
6	15522.525	57.03	1.38	74.0	16.97	Peak	141.00	400	Horizontal	Pass
6**	15522.525	46.01	1.38	54.0	7.99	AV	141.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.200	39.33	-16.89	74.0	34.67	Peak	251.00	300	Vertical	Pass
1**	1622.200	29.58	-16.89	54.0	24.42	AV	251.00	300	Vertical	Pass
2	4390.400	50.84	-3.30	74.0	23.16	Peak	360.00	200	Vertical	Pass
2**	4390.400	41.85	-3.30	54.0	12.15	AV	360.00	200	Vertical	Pass
3	5235.600	112.94	-2.58	--	--	Peak	216.00	150	Vertical	N/A
3**	5235.600	105.30	-2.58	--	--	AV	216.00	150	Vertical	N/A
4	7341.263	50.48	-3.09	74.0	23.52	Peak	343.00	200	Vertical	Pass
4**	7341.263	41.06	-3.09	54.0	12.94	AV	343.00	200	Vertical	Pass
5	12313.862	53.31	1.40	74.0	20.69	Peak	123.00	150	Vertical	Pass
5**	12313.862	44.47	1.40	54.0	9.53	AV	123.00	150	Vertical	Pass
6	16118.925	56.13	0.63	74.0	17.87	Peak	163.00	100	Vertical	Pass
6**	16118.925	46.47	0.63	54.0	7.53	AV	163.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.100	39.47	-16.83	74.0	34.53	Peak	19.00	200	Horizontal	Pass
1**	1506.100	29.18	-16.83	54.0	24.82	AV	19.00	200	Horizontal	Pass
2	4383.000	50.90	-3.64	74.0	23.10	Peak	207.00	300	Horizontal	Pass
2**	4383.000	41.25	-3.64	54.0	12.75	AV	207.00	300	Horizontal	Pass
3	5182.800	102.93	-2.55	--	--	Peak	34.00	150	Horizontal	N/A
3**	5182.800	93.85	-2.55	--	--	AV	34.00	150	Horizontal	N/A
4	7443.612	49.80	-3.28	74.0	24.20	Peak	308.00	200	Horizontal	Pass
4**	7443.612	40.52	-3.28	54.0	13.48	AV	308.00	200	Horizontal	Pass
5	12431.162	53.51	1.59	74.0	20.49	Peak	217.00	100	Horizontal	Pass
5**	12431.162	43.34	1.59	54.0	10.66	AV	217.00	100	Horizontal	Pass
6	15862.988	56.09	0.86	74.0	17.91	Peak	59.00	400	Horizontal	Pass
6**	15862.988	46.95	0.86	54.0	7.05	AV	59.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	38.81	-16.86	74.0	35.19	Peak	224.00	300	Vertical	Pass
1**	1495.000	29.41	-16.86	54.0	24.59	AV	224.00	300	Vertical	Pass
2	4383.400	50.91	-3.64	74.0	23.09	Peak	109.00	400	Vertical	Pass
2**	4383.400	40.77	-3.64	54.0	13.23	AV	109.00	400	Vertical	Pass
3	5175.000	113.27	-2.36	--	--	Peak	135.00	100	Vertical	N/A
3**	5175.000	105.44	-2.36	--	--	AV	135.00	100	Vertical	N/A
4	7340.687	49.82	-3.04	74.0	24.18	Peak	215.00	400	Vertical	Pass
4**	7340.687	41.23	-3.04	54.0	12.77	AV	215.00	400	Vertical	Pass
5	12282.237	53.46	1.79	74.0	20.54	Peak	288.00	150	Vertical	Pass
5**	12282.237	44.54	1.79	54.0	9.46	AV	288.00	150	Vertical	Pass
6	15787.650	57.28	1.91	74.0	16.72	Peak	360.00	300	Vertical	Pass
6**	15787.650	48.01	1.91	54.0	5.99	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.400	39.01	-17.01	74.0	34.99	Peak	0.00	300	Horizontal	Pass
1**	1587.400	30.19	-17.01	54.0	23.81	AV	0.00	300	Horizontal	Pass
2	4324.000	50.26	-4.71	74.0	23.74	Peak	20.00	400	Horizontal	Pass
2**	4324.000	40.52	-4.71	54.0	13.48	AV	20.00	400	Horizontal	Pass
3	5223.000	102.98	-2.71	--	--	Peak	30.00	100	Horizontal	N/A
3**	5223.000	95.53	-2.71	--	--	AV	30.00	100	Horizontal	N/A
4	7465.462	49.91	-3.40	74.0	24.09	Peak	279.00	200	Horizontal	Pass
4**	7465.462	40.40	-3.40	54.0	13.60	AV	279.00	200	Horizontal	Pass
5	12348.937	53.55	1.23	74.0	20.45	Peak	7.00	200	Horizontal	Pass
5**	12348.937	43.35	1.23	54.0	10.65	AV	7.00	200	Horizontal	Pass
6	15674.250	55.83	1.52	74.0	18.17	Peak	175.00	300	Horizontal	Pass
6**	15674.250	46.53	1.52	54.0	7.47	AV	175.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	40.46	-17.09	74.0	33.54	Peak	94.00	300	Vertical	Pass
1**	1499.200	29.30	-17.09	54.0	24.70	AV	94.00	300	Vertical	Pass
2	4363.600	50.72	-4.16	74.0	23.28	Peak	347.00	200	Vertical	Pass
2**	4363.600	40.72	-4.16	54.0	13.28	AV	347.00	200	Vertical	Pass
3	5215.800	112.94	-2.59	--	--	Peak	207.00	150	Vertical	N/A
3**	5215.800	105.34	-2.59	--	--	AV	207.00	150	Vertical	N/A
4	7633.937	49.99	-2.94	74.0	24.01	Peak	282.00	400	Vertical	Pass
4**	7633.937	41.05	-2.94	54.0	12.95	AV	282.00	400	Vertical	Pass
5	12394.075	53.27	1.60	74.0	20.73	Peak	153.00	100	Vertical	Pass
5**	12394.075	43.70	1.60	54.0	10.30	AV	153.00	100	Vertical	Pass
6	15648.525	55.91	1.20	74.0	18.09	Peak	130.00	200	Vertical	Pass
6**	15648.525	46.29	1.20	54.0	7.71	AV	130.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.500	38.78	-17.20	74.0	35.22	Peak	273.00	400	Horizontal	Pass
1**	1531.500	30.29	-17.20	54.0	23.71	AV	273.00	400	Horizontal	Pass
2	4393.600	50.53	-3.73	74.0	23.47	Peak	28.00	400	Horizontal	Pass
2**	4393.600	41.16	-3.73	54.0	12.84	AV	28.00	400	Horizontal	Pass
3	5239.000	101.76	-2.62	--	--	Peak	28.00	200	Horizontal	N/A
3**	5239.000	93.06	-2.62	--	--	AV	28.00	200	Horizontal	N/A
4	7340.400	50.33	-3.01	74.0	23.67	Peak	298.00	400	Horizontal	Pass
4**	7340.400	41.13	-3.01	54.0	12.87	AV	298.00	400	Horizontal	Pass
5	11792.912	53.58	0.94	74.0	20.42	Peak	168.00	100	Horizontal	Pass
5**	11792.912	43.30	0.94	54.0	10.70	AV	168.00	100	Horizontal	Pass
6	15837.000	55.87	1.45	74.0	18.13	Peak	15.00	300	Horizontal	Pass
6**	15837.000	47.28	1.45	54.0	6.72	AV	15.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	39.23	-17.10	74.0	34.77	Peak	85.00	100	Vertical	Pass
1**	1499.100	29.82	-17.10	54.0	24.18	AV	85.00	100	Vertical	Pass
2	4280.000	50.16	-4.55	74.0	23.84	Peak	206.00	100	Vertical	Pass
2**	4280.000	40.82	-4.55	54.0	13.18	AV	206.00	100	Vertical	Pass
3	5236.000	112.54	-2.52	--	--	Peak	17.00	100	Vertical	N/A
3**	5236.000	105.02	-2.52	--	--	AV	17.00	100	Vertical	N/A
4	7685.687	49.95	-2.09	74.0	24.05	Peak	215.00	400	Vertical	Pass
4**	7685.687	40.02	-2.09	54.0	13.98	AV	215.00	400	Vertical	Pass
5	12610.562	53.77	1.89	74.0	20.23	Peak	49.00	100	Vertical	Pass
5**	12610.562	44.42	1.89	54.0	9.58	AV	49.00	100	Vertical	Pass
6	16108.951	55.96	0.81	74.0	18.04	Peak	297.00	300	Vertical	Pass
6**	16108.951	46.36	0.81	54.0	7.64	AV	297.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.200	39.28	-16.86	74.0	34.72	Peak	282.00	400	Horizontal	Pass
1**	1495.200	29.54	-16.86	54.0	24.46	AV	282.00	400	Horizontal	Pass
2	4389.400	50.82	-3.35	74.0	23.18	Peak	360.00	100	Horizontal	Pass
2**	4389.400	42.08	-3.35	54.0	11.92	AV	360.00	100	Horizontal	Pass
3	5187.200	100.19	-2.38	--	--	Peak	28.00	100	Horizontal	N/A
3**	5187.200	92.24	-2.38	--	--	AV	28.00	100	Horizontal	N/A
4	7322.288	50.31	-3.28	74.0	23.69	Peak	19.00	200	Horizontal	Pass
4**	7322.288	40.69	-3.28	54.0	13.31	AV	19.00	200	Horizontal	Pass
5	12245.724	53.23	1.01	74.0	20.77	Peak	218.00	150	Horizontal	Pass
5**	12245.724	43.61	1.01	54.0	10.39	AV	218.00	150	Horizontal	Pass
6	16082.700	56.21	1.58	74.0	17.79	Peak	360.00	200	Horizontal	Pass
6**	16082.700	47.08	1.58	54.0	6.92	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	39.74	-16.87	74.0	34.26	Peak	90.00	200	Vertical	Pass
1**	1494.500	29.25	-16.87	54.0	24.75	AV	90.00	200	Vertical	Pass
2	4394.000	50.40	-3.78	74.0	23.60	Peak	317.00	200	Vertical	Pass
2**	4394.000	41.66	-3.78	54.0	12.34	AV	317.00	200	Vertical	Pass
3	5186.200	110.36	-2.40	--	--	Peak	134.00	150	Vertical	N/A
3**	5186.200	102.84	-2.40	--	--	AV	134.00	150	Vertical	N/A
4	7689.138	49.96	-2.32	74.0	24.04	Peak	153.00	300	Vertical	Pass
4**	7689.138	40.37	-2.32	54.0	13.63	AV	153.00	300	Vertical	Pass
5	12247.737	53.62	0.98	74.0	20.38	Peak	64.00	200	Vertical	Pass
5**	12247.737	43.71	0.98	54.0	10.29	AV	64.00	200	Vertical	Pass
6	15849.600	56.12	1.33	74.0	17.88	Peak	337.00	100	Vertical	Pass
6**	15849.600	46.74	1.33	54.0	7.26	AV	337.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.500	39.02	-16.84	74.0	34.98	Peak	23.00	200	Horizontal	Pass
1**	1505.500	29.80	-16.84	54.0	24.20	AV	23.00	200	Horizontal	Pass
2	4376.200	50.41	-3.98	74.0	23.59	Peak	314.00	400	Horizontal	Pass
2**	4376.200	41.23	-3.98	54.0	12.77	AV	314.00	400	Horizontal	Pass
3	5231.600	100.37	-2.57	--	--	Peak	38.00	150	Horizontal	N/A
3**	5231.600	93.41	-2.57	--	--	AV	38.00	150	Horizontal	N/A
4	7678.788	49.82	-2.47	74.0	24.18	Peak	99.00	300	Horizontal	Pass
4**	7678.788	40.86	-2.47	54.0	13.14	AV	99.00	300	Horizontal	Pass
5	12284.537	53.19	1.78	74.0	20.81	Peak	193.00	200	Horizontal	Pass
5**	12284.537	45.04	1.78	54.0	8.96	AV	193.00	200	Horizontal	Pass
6	16144.388	55.86	1.04	74.0	18.14	Peak	203.00	400	Horizontal	Pass
6**	16144.388	46.40	1.04	54.0	7.60	AV	203.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.10	-16.86	74.0	34.90	Peak	97.00	400	Vertical	Pass
1**	1500.400	29.91	-16.86	54.0	24.09	AV	97.00	400	Vertical	Pass
2	4397.200	51.16	-4.14	74.0	22.84	Peak	356.00	200	Vertical	Pass
2**	4397.200	40.81	-4.14	54.0	13.19	AV	356.00	200	Vertical	Pass
3	5225.600	110.66	-2.56	--	--	Peak	127.00	150	Vertical	N/A
3**	5225.600	103.10	-2.56	--	--	AV	127.00	150	Vertical	N/A
4	7338.387	49.88	-2.90	74.0	24.12	Peak	17.00	200	Vertical	Pass
4**	7338.387	40.80	-2.90	54.0	13.20	AV	17.00	200	Vertical	Pass
5	12272.463	53.82	1.53	74.0	20.18	Peak	301.00	100	Vertical	Pass
5**	12272.463	45.06	1.53	54.0	8.94	AV	301.00	100	Vertical	Pass
6	15498.900	56.42	1.13	74.0	17.58	Peak	239.00	300	Vertical	Pass
6**	15498.900	45.82	1.13	54.0	8.18	AV	239.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.300	38.83	-16.88	74.0	35.17	Peak	71.00	400	Horizontal	Pass
1**	1586.300	29.63	-16.88	54.0	24.37	AV	71.00	400	Horizontal	Pass
2	4388.600	50.49	-3.39	74.0	23.51	Peak	360.00	100	Horizontal	Pass
2**	4388.600	41.84	-3.39	54.0	12.16	AV	360.00	100	Horizontal	Pass
3	5183.200	100.46	-2.53	--	--	Peak	41.00	100	Horizontal	N/A
3**	5183.200	92.94	-2.53	--	--	AV	41.00	100	Horizontal	N/A
4	7625.025	49.95	-2.90	74.0	24.05	Peak	0.00	200	Horizontal	Pass
4**	7625.025	41.02	-2.90	54.0	12.98	AV	0.00	200	Horizontal	Pass
5	12285.688	53.09	1.76	74.0	20.91	Peak	348.00	150	Horizontal	Pass
5**	12285.688	43.87	1.76	54.0	10.13	AV	348.00	150	Horizontal	Pass
6	15845.137	56.85	1.37	74.0	17.15	Peak	88.00	300	Horizontal	Pass
6**	15845.137	46.21	1.37	54.0	7.79	AV	88.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	41.25	-16.88	74.0	32.75	Peak	104.00	300	Vertical	Pass
1**	1493.100	29.58	-16.88	54.0	24.42	AV	104.00	300	Vertical	Pass
2	4397.400	50.35	-4.21	74.0	23.65	Peak	201.00	100	Vertical	Pass
2**	4397.400	41.00	-4.21	54.0	13.00	AV	201.00	100	Vertical	Pass
3	5184.400	112.61	-2.47	--	--	Peak	129.00	100	Vertical	N/A
3**	5184.400	105.09	-2.47	--	--	AV	129.00	100	Vertical	N/A
4	7722.200	50.30	-2.66	74.0	23.70	Peak	96.00	100	Vertical	Pass
4**	7722.200	39.56	-2.66	54.0	14.44	AV	96.00	100	Vertical	Pass
5	12406.438	53.64	1.47	74.0	20.36	Peak	295.00	200	Vertical	Pass
5**	12406.438	43.49	1.47	54.0	10.51	AV	295.00	200	Vertical	Pass
6	16121.550	55.95	0.67	74.0	18.05	Peak	157.00	100	Vertical	Pass
6**	16121.550	46.49	0.67	54.0	7.51	AV	157.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.700	38.56	-16.83	74.0	35.44	Peak	0.00	200	Horizontal	Pass
1**	1621.700	29.88	-16.83	54.0	24.12	AV	0.00	200	Horizontal	Pass
2	4381.000	50.16	-3.49	74.0	23.84	Peak	28.00	400	Horizontal	Pass
2**	4381.000	41.65	-3.49	54.0	12.35	AV	28.00	400	Horizontal	Pass
3	5221.600	101.63	-2.69	--	--	Peak	28.00	200	Horizontal	N/A
3**	5221.600	93.41	-2.69	--	--	AV	28.00	200	Horizontal	N/A
4	7501.687	49.97	-3.10	74.0	24.03	Peak	360.00	200	Horizontal	Pass
4**	7501.687	40.39	-3.10	54.0	13.61	AV	360.00	200	Horizontal	Pass
5	12290.575	53.61	1.65	74.0	20.39	Peak	70.00	200	Horizontal	Pass
5**	12290.575	44.00	1.65	54.0	10.00	AV	70.00	200	Horizontal	Pass
6	16029.412	56.27	0.71	74.0	17.73	Peak	286.00	300	Horizontal	Pass
6**	16029.412	46.35	0.71	54.0	7.65	AV	286.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	39.94	-16.84	74.0	34.06	Peak	52.00	200	Vertical	Pass
1**	1496.000	29.20	-16.84	54.0	24.80	AV	52.00	200	Vertical	Pass
2	4365.000	50.75	-3.92	74.0	23.25	Peak	173.00	300	Vertical	Pass
2**	4365.000	41.29	-3.92	54.0	12.71	AV	173.00	300	Vertical	Pass
3	5215.800	112.17	-2.59	--	--	Peak	211.00	200	Vertical	N/A
3**	5215.800	104.69	-2.59	--	--	AV	211.00	200	Vertical	N/A
4	7712.712	49.54	-2.29	74.0	24.46	Peak	39.00	100	Vertical	Pass
4**	7712.712	40.12	-2.29	54.0	13.88	AV	39.00	100	Vertical	Pass
5	12258.950	53.56	1.06	74.0	20.44	Peak	342.00	200	Vertical	Pass
5**	12258.950	44.40	1.06	54.0	9.60	AV	342.00	200	Vertical	Pass
6	15837.263	55.94	1.45	74.0	18.06	Peak	42.00	400	Vertical	Pass
6**	15837.263	47.33	1.45	54.0	6.67	AV	42.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.100	40.06	-17.12	74.0	33.94	Peak	0.00	200	Horizontal	Pass
1**	1574.100	30.10	-17.12	54.0	23.90	AV	0.00	200	Horizontal	Pass
2	4385.200	49.96	-3.43	74.0	24.04	Peak	128.00	200	Horizontal	Pass
2**	4385.200	41.35	-3.43	54.0	12.65	AV	128.00	200	Horizontal	Pass
3	5238.400	100.59	-2.57	--	--	Peak	35.00	200	Horizontal	N/A
3**	5238.400	92.59	-2.57	--	--	AV	35.00	200	Horizontal	N/A
4	7597.138	50.04	-2.93	74.0	23.96	Peak	256.00	200	Horizontal	Pass
4**	7597.138	40.95	-2.93	54.0	13.05	AV	256.00	200	Horizontal	Pass
5	11945.862	53.11	1.51	74.0	20.89	Peak	163.00	100	Horizontal	Pass
5**	11945.862	43.78	1.51	54.0	10.22	AV	163.00	100	Horizontal	Pass
6	15818.625	56.01	1.93	74.0	17.99	Peak	358.00	200	Horizontal	Pass
6**	15818.625	46.84	1.93	54.0	7.16	AV	358.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	40.25	-17.09	74.0	33.75	Peak	94.00	300	Vertical	Pass
1**	1499.200	29.08	-17.09	54.0	24.92	AV	94.00	300	Vertical	Pass
2	4392.000	50.60	-3.50	74.0	23.40	Peak	86.00	100	Vertical	Pass
2**	4392.000	41.77	-3.50	54.0	12.23	AV	86.00	100	Vertical	Pass
3	5234.200	112.19	-2.80	--	--	Peak	19.00	150	Vertical	N/A
3**	5234.200	104.60	-2.80	--	--	AV	19.00	150	Vertical	N/A
4	7452.812	50.05	-3.24	74.0	23.95	Peak	360.00	300	Vertical	Pass
4**	7452.812	40.86	-3.24	54.0	13.14	AV	360.00	300	Vertical	Pass
5	12283.963	53.17	1.78	74.0	20.83	Peak	329.00	100	Vertical	Pass
5**	12283.963	44.38	1.78	54.0	9.62	AV	329.00	100	Vertical	Pass
6	15807.337	56.12	2.22	74.0	17.88	Peak	265.00	300	Vertical	Pass
6**	15807.337	46.21	2.22	54.0	7.79	AV	265.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.300	39.07	-17.10	74.0	34.93	Peak	264.00	300	Horizontal	Pass
1**	1617.300	29.37	-17.10	54.0	24.63	AV	264.00	300	Horizontal	Pass
2	4299.000	50.42	-4.10	74.0	23.58	Peak	294.00	300	Horizontal	Pass
2**	4299.000	41.23	-4.10	54.0	12.77	AV	294.00	300	Horizontal	Pass
3	5181.800	99.41	-2.62	--	--	Peak	31.00	150	Horizontal	N/A
3**	5181.800	91.59	-2.62	--	--	AV	31.00	150	Horizontal	N/A
4	7447.350	50.52	-3.21	74.0	23.48	Peak	0.00	300	Horizontal	Pass
4**	7447.350	41.35	-3.21	54.0	12.65	AV	0.00	300	Horizontal	Pass
5	11792.050	53.19	0.95	74.0	20.81	Peak	38.00	200	Horizontal	Pass
5**	11792.050	43.69	0.95	54.0	10.31	AV	38.00	200	Horizontal	Pass
6	15648.787	55.98	1.20	74.0	18.02	Peak	211.00	100	Horizontal	Pass
6**	15648.787	46.21	1.20	54.0	7.79	AV	211.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	40.35	-16.86	74.0	33.65	Peak	107.00	100	Vertical	Pass
1**	1495.100	29.24	-16.86	54.0	24.76	AV	107.00	100	Vertical	Pass
2	4389.800	50.80	-3.33	74.0	23.20	Peak	146.00	100	Vertical	Pass
2**	4389.800	42.10	-3.33	54.0	11.90	AV	146.00	100	Vertical	Pass
3	5186.000	110.72	-2.41	--	--	Peak	20.00	200	Vertical	N/A
3**	5186.000	103.57	-2.41	--	--	AV	20.00	200	Vertical	N/A
4	7355.350	50.69	-3.78	74.0	23.31	Peak	199.00	100	Vertical	Pass
4**	7355.350	40.54	-3.78	54.0	13.46	AV	199.00	100	Vertical	Pass
5	12315.013	52.92	1.40	74.0	21.08	Peak	144.00	200	Vertical	Pass
5**	12315.013	44.19	1.40	54.0	9.81	AV	144.00	200	Vertical	Pass
6	15678.451	56.14	1.57	74.0	17.86	Peak	226.00	400	Vertical	Pass
6**	15678.451	46.54	1.57	54.0	7.46	AV	226.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.300	39.14	-17.02	74.0	34.86	Peak	360.00	200	Horizontal	Pass
1**	1459.300	29.15	-17.02	54.0	24.85	AV	360.00	200	Horizontal	Pass
2	4394.400	50.47	-3.84	74.0	23.53	Peak	214.00	400	Horizontal	Pass
2**	4394.400	41.81	-3.84	54.0	12.19	AV	214.00	400	Horizontal	Pass
3	5225.400	99.73	-2.55	--	--	Peak	31.00	200	Horizontal	N/A
3**	5225.400	91.73	-2.55	--	--	AV	31.00	200	Horizontal	N/A
4	7339.537	49.57	-2.93	74.0	24.43	Peak	107.00	300	Horizontal	Pass
4**	7339.537	40.89	-2.93	54.0	13.11	AV	107.00	300	Horizontal	Pass
5	12319.612	53.21	1.42	74.0	20.79	Peak	344.00	100	Horizontal	Pass
5**	12319.612	44.15	1.42	54.0	9.85	AV	344.00	100	Horizontal	Pass
6	15849.600	55.92	1.33	74.0	18.08	Peak	79.00	100	Horizontal	Pass
6**	15849.600	47.05	1.33	54.0	6.95	AV	79.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	40.58	-16.87	74.0	33.42	Peak	103.00	200	Vertical	Pass
1**	1494.500	29.67	-16.87	54.0	24.33	AV	103.00	200	Vertical	Pass
2	4389.400	50.45	-3.35	74.0	23.55	Peak	240.00	400	Vertical	Pass
2**	4389.400	42.00	-3.35	54.0	12.00	AV	240.00	400	Vertical	Pass
3	5222.000	110.19	-2.69	--	--	Peak	136.00	200	Vertical	N/A
3**	5222.000	102.00	-2.69	--	--	AV	136.00	200	Vertical	N/A
4	7619.562	49.78	-2.63	74.0	24.22	Peak	96.00	100	Vertical	Pass
4**	7619.562	40.58	-2.63	54.0	13.42	AV	96.00	100	Vertical	Pass
5	12277.063	52.89	1.69	74.0	21.11	Peak	327.00	200	Vertical	Pass
5**	12277.063	44.79	1.69	54.0	9.21	AV	327.00	200	Vertical	Pass
6	16133.888	56.25	1.06	74.0	17.75	Peak	89.00	400	Vertical	Pass
6**	16133.888	46.80	1.06	54.0	7.20	AV	89.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.700	38.67	-17.15	74.0	35.33	Peak	21.00	400	Horizontal	Pass
1**	1480.700	29.92	-17.15	54.0	24.08	AV	21.00	400	Horizontal	Pass
2	4304.400	50.80	-4.44	74.0	23.20	Peak	30.00	100	Horizontal	Pass
2**	4304.400	40.19	-4.44	54.0	13.81	AV	30.00	100	Horizontal	Pass
3	5223.400	96.46	-2.71	--	--	Peak	30.00	100	Horizontal	N/A
3**	5223.400	87.36	-2.71	--	--	AV	30.00	100	Horizontal	N/A
4	7686.263	49.80	-1.94	74.0	24.20	Peak	250.00	400	Horizontal	Pass
4**	7686.263	41.05	-1.94	54.0	12.95	AV	250.00	400	Horizontal	Pass
5	12610.850	53.77	1.89	74.0	20.23	Peak	21.00	100	Horizontal	Pass
5**	12610.850	44.78	1.89	54.0	9.22	AV	21.00	100	Horizontal	Pass
6	15803.924	56.04	2.28	74.0	17.96	Peak	297.00	300	Horizontal	Pass
6**	15803.924	46.91	2.28	54.0	7.09	AV	297.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	41.43	-16.98	74.0	32.57	Peak	109.00	300	Vertical	Pass
1**	1497.000	29.70	-16.98	54.0	24.30	AV	109.00	300	Vertical	Pass
2	4351.600	50.36	-4.46	74.0	23.64	Peak	88.00	400	Vertical	Pass
2**	4351.600	39.84	-4.46	54.0	14.16	AV	88.00	400	Vertical	Pass
3	5227.800	106.89	-2.82	--	--	Peak	20.00	100	Vertical	N/A
3**	5227.800	99.06	-2.82	--	--	AV	20.00	100	Vertical	N/A
4	7418.888	50.04	-3.58	74.0	23.96	Peak	165.00	200	Vertical	Pass
4**	7418.888	40.00	-3.58	54.0	14.00	AV	165.00	200	Vertical	Pass
5	12599.925	53.55	1.90	74.0	20.45	Peak	15.00	100	Vertical	Pass
5**	12599.925	44.18	1.90	54.0	9.82	AV	15.00	100	Vertical	Pass
6	15847.763	56.42	1.35	74.0	17.58	Peak	352.00	100	Vertical	Pass
6**	15847.763	47.50	1.35	54.0	6.50	AV	352.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.600	39.02	-17.35	74.0	34.98	Peak	139.00	400	Horizontal	Pass
1**	1469.600	29.45	-17.35	54.0	24.55	AV	139.00	400	Horizontal	Pass
2	4317.600	50.51	-4.12	74.0	23.49	Peak	277.00	100	Horizontal	Pass
2**	4317.600	41.95	-4.12	54.0	12.05	AV	277.00	100	Horizontal	Pass
3	5743.200	100.86	-2.13	--	--	Peak	8.00	150	Horizontal	N/A
3**	5743.200	93.24	-2.13	--	--	AV	8.00	150	Horizontal	N/A
4	7368.000	49.64	-3.84	74.0	24.36	Peak	0.00	400	Horizontal	Pass
4**	7368.000	40.95	-3.84	54.0	13.05	AV	0.00	400	Horizontal	Pass
5	12234.800	53.83	1.16	74.0	20.17	Peak	287.00	150	Horizontal	Pass
5**	12234.800	44.19	1.16	54.0	9.81	AV	287.00	150	Horizontal	Pass
6	16070.362	55.93	1.35	74.0	18.07	Peak	165.00	200	Horizontal	Pass
6**	16070.362	46.65	1.35	54.0	7.35	AV	165.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.300	38.96	-17.02	74.0	35.04	Peak	115.00	100	Vertical	Pass
1**	1443.300	29.72	-17.02	54.0	24.28	AV	115.00	100	Vertical	Pass
2	4385.800	50.86	-3.33	74.0	23.14	Peak	197.00	200	Vertical	Pass
2**	4385.800	41.53	-3.33	54.0	12.47	AV	197.00	200	Vertical	Pass
3	5746.800	113.41	-2.21	--	--	Peak	302.00	200	Vertical	N/A
3**	5746.800	105.66	-2.21	--	--	AV	302.00	200	Vertical	N/A
4	7660.388	49.98	-2.81	74.0	24.02	Peak	219.00	300	Vertical	Pass
4**	7660.388	45.07	-2.81	54.0	8.93	AV	219.00	300	Vertical	Pass
5	11671.875	53.55	0.24	74.0	20.45	Peak	182.00	200	Vertical	Pass
5**	11671.875	43.63	0.24	54.0	10.37	AV	182.00	200	Vertical	Pass
6	15803.662	55.84	2.29	74.0	18.16	Peak	187.00	300	Vertical	Pass
6**	15803.662	46.83	2.29	54.0	7.17	AV	187.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.600	38.96	-17.10	74.0	35.04	Peak	0.00	100	Horizontal	Pass
1**	1581.600	29.27	-17.10	54.0	24.73	AV	0.00	100	Horizontal	Pass
2	4390.600	50.60	-3.33	74.0	23.40	Peak	117.00	400	Horizontal	Pass
2**	4390.600	42.40	-3.33	54.0	11.60	AV	117.00	400	Horizontal	Pass
3	5780.800	100.79	-1.62	--	--	Peak	8.00	100	Horizontal	N/A
3**	5780.800	92.51	-1.62	--	--	AV	8.00	100	Horizontal	N/A
4	7616.400	50.53	-2.58	74.0	23.47	Peak	57.00	100	Horizontal	Pass
4**	7616.400	40.91	-2.58	54.0	13.09	AV	57.00	100	Horizontal	Pass
5	12484.350	53.72	1.64	74.0	20.28	Peak	346.00	100	Horizontal	Pass
5**	12484.350	43.37	1.64	54.0	10.63	AV	346.00	100	Horizontal	Pass
6	15846.974	56.43	1.35	74.0	17.57	Peak	182.00	100	Horizontal	Pass
6**	15846.974	47.63	1.35	54.0	6.37	AV	182.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	39.27	-16.85	74.0	34.73	Peak	266.00	100	Vertical	Pass
1**	1495.900	30.22	-16.85	54.0	23.78	AV	266.00	100	Vertical	Pass
2	4378.000	50.16	-3.46	74.0	23.84	Peak	133.00	300	Vertical	Pass
2**	4378.000	41.58	-3.46	54.0	12.42	AV	133.00	300	Vertical	Pass
3	5782.000	113.55	-1.37	--	--	Peak	31.00	200	Vertical	N/A
3**	5782.000	106.95	-1.37	--	--	AV	31.00	200	Vertical	N/A
4	7713.575	50.82	-2.35	74.0	23.18	Peak	215.00	200	Vertical	Pass
4**	7713.575	46.62	-2.35	54.0	7.38	AV	215.00	200	Vertical	Pass
5	12641.037	53.58	1.11	74.0	20.42	Peak	107.00	100	Vertical	Pass
5**	12641.037	42.84	1.11	54.0	11.16	AV	107.00	100	Vertical	Pass
6	15844.875	56.37	1.37	74.0	17.63	Peak	360.00	400	Vertical	Pass
6**	15844.875	46.99	1.37	54.0	7.01	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	39.47	-17.15	74.0	34.53	Peak	273.00	300	Horizontal	Pass
1**	1497.900	30.20	-17.15	54.0	23.80	AV	273.00	300	Horizontal	Pass
2	4379.600	50.15	-3.30	74.0	23.85	Peak	66.00	300	Horizontal	Pass
2**	4379.600	42.24	-3.30	54.0	11.76	AV	66.00	300	Horizontal	Pass
3	5828.600	100.28	-1.83	--	--	Peak	8.00	150	Horizontal	N/A
3**	5828.600	92.47	-1.83	--	--	AV	8.00	150	Horizontal	N/A
4	7324.013	50.36	-3.41	74.0	23.64	Peak	360.00	200	Horizontal	Pass
4**	7324.013	41.24	-3.41	54.0	12.76	AV	360.00	200	Horizontal	Pass
5	12321.338	53.42	1.42	74.0	20.58	Peak	0.00	200	Horizontal	Pass
5**	12321.338	45.29	1.42	54.0	8.71	AV	0.00	200	Horizontal	Pass
6	15665.588	56.10	1.35	74.0	17.90	Peak	0.00	300	Horizontal	Pass
6**	15665.588	46.56	1.35	54.0	7.44	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	41.67	-16.96	74.0	32.33	Peak	94.00	400	Vertical	Pass
1**	1496.900	29.57	-16.96	54.0	24.43	AV	94.00	400	Vertical	Pass
2	4394.200	49.89	-3.81	74.0	24.11	Peak	20.00	300	Vertical	Pass
2**	4394.200	42.15	-3.81	54.0	11.85	AV	20.00	300	Vertical	Pass
3	5829.200	113.21	-1.79	--	--	Peak	305.00	150	Vertical	N/A
3**	5829.200	106.24	-1.79	--	--	AV	305.00	150	Vertical	N/A
4	7271.400	50.08	-3.06	74.0	23.92	Peak	345.00	400	Vertical	Pass
4**	7271.400	39.10	-3.06	54.0	14.90	AV	345.00	400	Vertical	Pass
5	11641.400	53.89	-0.23	74.0	20.11	Peak	310.00	200	Vertical	Pass
5**	11641.400	45.24	-0.23	54.0	8.76	AV	310.00	200	Vertical	Pass
6	16156.463	55.97	0.93	74.0	18.03	Peak	251.00	100	Vertical	Pass
6**	16156.463	46.30	0.93	54.0	7.70	AV	251.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	39.68	-16.85	74.0	34.32	Peak	108.00	200	Horizontal	Pass
1**	1495.900	31.62	-16.85	54.0	22.38	AV	108.00	200	Horizontal	Pass
2	4385.800	50.80	-3.33	74.0	23.20	Peak	350.00	200	Horizontal	Pass
2**	4385.800	42.01	-3.33	54.0	11.99	AV	350.00	200	Horizontal	Pass
3	5746.400	99.96	-2.21	--	--	Peak	9.00	150	Horizontal	N/A
3**	5746.400	92.85	-2.21	--	--	AV	9.00	150	Horizontal	N/A
4	7356.788	50.28	-3.82	74.0	23.72	Peak	192.00	300	Horizontal	Pass
4**	7356.788	40.74	-3.82	54.0	13.26	AV	192.00	300	Horizontal	Pass
5	12292.588	53.87	1.62	74.0	20.13	Peak	117.00	200	Horizontal	Pass
5**	12292.588	44.55	1.62	54.0	9.45	AV	117.00	200	Horizontal	Pass
6	16066.950	55.76	1.22	74.0	18.24	Peak	127.00	300	Horizontal	Pass
6**	16066.950	47.32	1.22	54.0	6.68	AV	127.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.300	41.21	-17.23	74.0	32.79	Peak	100.00	300	Vertical	Pass
1**	1498.300	31.84	-17.23	54.0	22.16	AV	100.00	300	Vertical	Pass
2	4389.800	51.61	-3.33	74.0	22.39	Peak	249.00	400	Vertical	Pass
2**	4389.800	41.47	-3.33	54.0	12.53	AV	249.00	400	Vertical	Pass
3	5740.600	113.00	-2.16	--	--	Peak	296.00	150	Vertical	N/A
3**	5740.600	105.56	-2.16	--	--	AV	296.00	150	Vertical	N/A
4	7343.275	50.19	-3.35	74.0	23.81	Peak	18.00	300	Vertical	Pass
4**	7343.275	41.33	-3.35	54.0	12.67	AV	18.00	300	Vertical	Pass
5	11494.200	53.30	0.05	74.0	20.70	Peak	253.00	100	Vertical	Pass
5**	11494.200	45.08	0.05	54.0	8.92	AV	253.00	100	Vertical	Pass
6	15839.625	56.82	1.45	74.0	17.18	Peak	260.00	400	Vertical	Pass
6**	15839.625	46.85	1.45	54.0	7.15	AV	260.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.400	39.62	-17.18	74.0	34.38	Peak	130.00	200	Horizontal	Pass
1**	1479.400	29.80	-17.18	54.0	24.20	AV	130.00	200	Horizontal	Pass
2	4392.800	50.31	-3.61	74.0	23.69	Peak	178.00	400	Horizontal	Pass
2**	4392.800	41.77	-3.61	54.0	12.23	AV	178.00	400	Horizontal	Pass
3	5782.400	98.96	-1.35	--	--	Peak	334.00	200	Horizontal	N/A
3**	5782.400	91.85	-1.35	--	--	AV	334.00	200	Horizontal	N/A
4	7342.125	50.03	-3.19	74.0	23.97	Peak	325.00	200	Horizontal	Pass
4**	7342.125	40.94	-3.19	54.0	13.06	AV	325.00	200	Horizontal	Pass
5	12544.725	53.04	1.36	74.0	20.96	Peak	215.00	100	Horizontal	Pass
5**	12544.725	42.79	1.36	54.0	11.21	AV	215.00	100	Horizontal	Pass
6	15675.037	55.94	1.54	74.0	18.06	Peak	62.00	400	Horizontal	Pass
6**	15675.037	46.53	1.54	54.0	7.47	AV	62.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	40.39	-17.08	74.0	33.61	Peak	102.00	100	Vertical	Pass
1**	1497.500	30.38	-17.08	54.0	23.62	AV	102.00	100	Vertical	Pass
2	4391.600	50.59	-3.45	74.0	23.41	Peak	43.00	100	Vertical	Pass
2**	4391.600	41.88	-3.45	54.0	12.12	AV	43.00	100	Vertical	Pass
3	5782.000	113.22	-1.37	--	--	Peak	296.00	150	Vertical	N/A
3**	5782.000	105.86	-1.37	--	--	AV	296.00	150	Vertical	N/A
4	7713.575	51.10	-2.35	74.0	22.90	Peak	227.00	400	Vertical	Pass
4**	7713.575	46.91	-2.35	54.0	7.09	AV	227.00	400	Vertical	Pass
5	12284.826	53.99	1.78	74.0	20.01	Peak	0.00	200	Vertical	Pass
5**	12284.826	44.43	1.78	54.0	9.57	AV	0.00	200	Vertical	Pass
6	15788.438	56.66	1.94	74.0	17.34	Peak	124.00	100	Vertical	Pass
6**	15788.438	47.47	1.94	54.0	6.53	AV	124.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.700	38.72	-17.23	74.0	35.28	Peak	158.00	100	Horizontal	Pass
1**	1616.700	29.24	-17.23	54.0	24.76	AV	158.00	100	Horizontal	Pass
2	4387.800	50.80	-3.38	74.0	23.20	Peak	86.00	400	Horizontal	Pass
2**	4387.800	41.64	-3.38	54.0	12.36	AV	86.00	400	Horizontal	Pass
3	5819.000	99.68	-2.45	--	--	Peak	17.00	150	Horizontal	N/A
3**	5819.000	92.10	-2.45	--	--	AV	17.00	150	Horizontal	N/A
4	7318.837	50.50	-3.00	74.0	23.50	Peak	299.00	200	Horizontal	Pass
4**	7318.837	40.80	-3.00	54.0	13.20	AV	299.00	200	Horizontal	Pass
5	12415.925	53.63	1.41	74.0	20.37	Peak	152.00	100	Horizontal	Pass
5**	12415.925	44.36	1.41	54.0	9.64	AV	152.00	100	Horizontal	Pass
6	16171.425	56.19	1.21	74.0	17.81	Peak	0.00	300	Horizontal	Pass
6**	16171.425	46.36	1.21	54.0	7.64	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	41.03	-16.84	74.0	32.97	Peak	108.00	200	Vertical	Pass
1**	1496.200	30.00	-16.84	54.0	24.00	AV	108.00	200	Vertical	Pass
2	4368.600	50.07	-3.87	74.0	23.93	Peak	133.00	200	Vertical	Pass
2**	4368.600	41.01	-3.87	54.0	12.99	AV	133.00	200	Vertical	Pass
3	5819.600	112.55	-2.52	--	--	Peak	217.00	200	Vertical	N/A
3**	5819.600	105.19	-2.52	--	--	AV	217.00	200	Vertical	N/A
4	7350.175	50.14	-3.63	74.0	23.86	Peak	299.00	300	Vertical	Pass
4**	7350.175	41.29	-3.63	54.0	12.71	AV	299.00	300	Vertical	Pass
5	11647.725	54.19	-0.18	74.0	19.81	Peak	316.00	100	Vertical	Pass
5**	11647.725	45.53	-0.18	54.0	8.47	AV	316.00	100	Vertical	Pass
6	16090.838	55.96	1.42	74.0	18.04	Peak	155.00	300	Vertical	Pass
6**	16090.838	47.63	1.42	54.0	6.37	AV	155.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.800	39.25	-17.31	74.0	34.75	Peak	300.00	100	Horizontal	Pass
1**	1475.800	29.48	-17.31	54.0	24.52	AV	300.00	100	Horizontal	Pass
2	4346.400	50.18	-4.34	74.0	23.82	Peak	140.00	200	Horizontal	Pass
2**	4346.400	40.85	-4.34	54.0	13.15	AV	140.00	200	Horizontal	Pass
3	5746.000	96.62	-2.21	--	--	Peak	17.00	100	Horizontal	N/A
3**	5746.000	89.50	-2.21	--	--	AV	17.00	100	Horizontal	N/A
4	7724.788	49.93	-2.43	74.0	24.07	Peak	251.00	100	Horizontal	Pass
4**	7724.788	41.61	-2.43	54.0	12.39	AV	251.00	100	Horizontal	Pass
5	11502.825	53.37	-0.02	74.0	20.63	Peak	283.00	150	Horizontal	Pass
5**	11502.825	43.79	-0.02	54.0	10.21	AV	283.00	150	Horizontal	Pass
6	15801.300	56.52	2.32	74.0	17.48	Peak	52.00	300	Horizontal	Pass
6**	15801.300	47.47	2.32	54.0	6.53	AV	52.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	40.96	-16.85	74.0	33.04	Peak	103.00	400	Vertical	Pass
1**	1495.900	29.43	-16.85	54.0	24.57	AV	103.00	400	Vertical	Pass
2	4380.000	50.90	-3.32	74.0	23.10	Peak	121.00	400	Vertical	Pass
2**	4380.000	41.86	-3.32	54.0	12.14	AV	121.00	400	Vertical	Pass
3	5760.200	110.17	-1.68	--	--	Peak	344.00	200	Vertical	N/A
3**	5760.200	102.32	-1.68	--	--	AV	344.00	200	Vertical	N/A
4	7673.612	51.56	-2.31	74.0	22.44	Peak	234.00	200	Vertical	Pass
4**	7673.612	46.52	-2.31	54.0	7.48	AV	234.00	200	Vertical	Pass
5	12302.650	53.94	1.43	74.0	20.06	Peak	119.00	100	Vertical	Pass
5**	12302.650	44.39	1.43	54.0	9.61	AV	119.00	100	Vertical	Pass
6	15485.776	55.89	0.90	74.0	18.11	Peak	53.00	200	Vertical	Pass
6**	15485.776	46.45	0.90	54.0	7.55	AV	53.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.700	38.98	-16.96	74.0	35.02	Peak	0.00	400	Horizontal	Pass
1**	1507.700	31.03	-16.96	54.0	22.97	AV	0.00	400	Horizontal	Pass
2	4399.200	50.13	-4.55	74.0	23.87	Peak	141.00	100	Horizontal	Pass
2**	4399.200	41.26	-4.55	54.0	12.74	AV	141.00	100	Horizontal	Pass
3	5788.400	96.79	-1.71	--	--	Peak	17.00	150	Horizontal	N/A
3**	5788.400	89.90	-1.71	--	--	AV	17.00	150	Horizontal	N/A
4	7365.125	50.16	-3.36	74.0	23.84	Peak	140.00	100	Horizontal	Pass
4**	7365.125	40.82	-3.36	54.0	13.18	AV	140.00	100	Horizontal	Pass
5	12277.349	53.92	1.71	74.0	20.08	Peak	188.00	150	Horizontal	Pass
5**	12277.349	44.05	1.71	54.0	9.95	AV	188.00	150	Horizontal	Pass
6	16129.424	56.11	0.99	74.0	17.89	Peak	244.00	100	Horizontal	Pass
6**	16129.424	47.50	0.99	54.0	6.50	AV	244.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	39.43	-16.84	74.0	34.57	Peak	104.00	300	Vertical	Pass
1**	1496.000	28.99	-16.84	54.0	25.01	AV	104.00	300	Vertical	Pass
2	4385.200	50.97	-3.43	74.0	23.03	Peak	269.00	200	Vertical	Pass
2**	4385.200	41.27	-3.43	54.0	12.73	AV	269.00	200	Vertical	Pass
3	5799.600	109.69	-1.68	--	--	Peak	249.00	100	Vertical	N/A
3**	5799.600	101.78	-1.68	--	--	AV	249.00	100	Vertical	N/A
4	7727.088	51.05	-2.50	74.0	22.95	Peak	237.00	100	Vertical	Pass
4**	7727.088	47.23	-2.50	54.0	6.77	AV	237.00	100	Vertical	Pass
5	11840.638	53.97	1.14	74.0	20.03	Peak	269.00	200	Vertical	Pass
5**	11840.638	43.12	1.14	54.0	10.88	AV	269.00	200	Vertical	Pass
6	16039.650	56.47	0.80	74.0	17.53	Peak	65.00	100	Vertical	Pass
6**	16039.650	46.62	0.80	54.0	7.38	AV	65.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1556.100	38.86	-17.11	74.0	35.14	Peak	275.00	200	Horizontal	Pass
1**	1556.100	29.80	-17.11	54.0	24.20	AV	275.00	200	Horizontal	Pass
2	4372.400	50.81	-4.03	74.0	23.19	Peak	260.00	100	Horizontal	Pass
2**	4372.400	40.87	-4.03	54.0	13.13	AV	260.00	100	Horizontal	Pass
3	5750.000	98.19	-2.33	--	--	Peak	2.00	150	Horizontal	N/A
3**	5750.000	91.31	-2.33	--	--	AV	2.00	150	Horizontal	N/A
4	7732.263	49.96	-2.24	74.0	24.04	Peak	286.00	100	Horizontal	Pass
4**	7732.263	41.15	-2.24	54.0	12.85	AV	286.00	100	Horizontal	Pass
5	12283.099	53.75	1.79	74.0	20.25	Peak	221.00	200	Horizontal	Pass
5**	12283.099	43.86	1.79	54.0	10.14	AV	221.00	200	Horizontal	Pass
6	16113.150	56.70	0.71	74.0	17.30	Peak	122.00	400	Horizontal	Pass
6**	16113.150	46.63	0.71	54.0	7.37	AV	122.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	40.30	-16.88	74.0	33.70	Peak	114.00	400	Vertical	Pass
1**	1493.100	30.73	-16.88	54.0	23.27	AV	114.00	400	Vertical	Pass
2	4230.600	51.28	-3.81	74.0	22.72	Peak	177.00	400	Vertical	Pass
2**	4230.600	40.56	-3.81	54.0	13.44	AV	177.00	400	Vertical	Pass
3	5747.600	112.02	-2.21	--	--	Peak	13.00	100	Vertical	N/A
3**	5747.600	104.59	-2.21	--	--	AV	13.00	100	Vertical	N/A
4	7404.513	50.36	-3.70	74.0	23.64	Peak	209.00	200	Vertical	Pass
4**	7404.513	41.02	-3.70	54.0	12.98	AV	209.00	200	Vertical	Pass
5	12348.937	53.74	1.23	74.0	20.26	Peak	225.00	100	Vertical	Pass
5**	12348.937	44.15	1.23	54.0	9.85	AV	225.00	100	Vertical	Pass
6	15812.588	56.10	2.11	74.0	17.90	Peak	141.00	200	Vertical	Pass
6**	15812.588	47.59	2.11	54.0	6.41	AV	141.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.600	39.35	-17.17	74.0	34.65	Peak	283.00	400	Horizontal	Pass
1**	1568.600	29.23	-17.17	54.0	24.77	AV	283.00	400	Horizontal	Pass
2	4379.400	50.70	-3.32	74.0	23.30	Peak	289.00	300	Horizontal	Pass
2**	4379.400	42.10	-3.32	54.0	11.90	AV	289.00	300	Horizontal	Pass
3	5781.400	100.05	-1.49	--	--	Peak	0.00	200	Horizontal	N/A
3**	5781.400	92.97	-1.49	--	--	AV	0.00	200	Horizontal	N/A
4	7713.862	50.20	-2.37	74.0	23.80	Peak	331.00	200	Horizontal	Pass
4**	7713.862	43.71	-2.37	54.0	10.29	AV	331.00	200	Horizontal	Pass
5	12327.088	54.06	1.42	74.0	19.94	Peak	360.00	200	Horizontal	Pass
5**	12327.088	44.76	1.42	54.0	9.24	AV	360.00	200	Horizontal	Pass
6	15845.925	56.15	1.36	74.0	17.85	Peak	139.00	100	Horizontal	Pass
6**	15845.925	47.65	1.36	54.0	6.35	AV	139.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	40.32	-17.18	74.0	33.68	Peak	102.00	100	Vertical	Pass
1**	1498.700	29.96	-17.18	54.0	24.04	AV	102.00	100	Vertical	Pass
2	4390.000	50.49	-3.32	74.0	23.51	Peak	152.00	200	Vertical	Pass
2**	4390.000	41.63	-3.32	54.0	12.37	AV	152.00	200	Vertical	Pass
3	5782.000	112.80	-1.37	--	--	Peak	322.00	100	Vertical	N/A
3**	5782.000	105.48	-1.37	--	--	AV	322.00	100	Vertical	N/A
4	7713.575	50.66	-2.35	74.0	23.34	Peak	238.00	300	Vertical	Pass
4**	7713.575	46.66	-2.35	54.0	7.34	AV	238.00	300	Vertical	Pass
5	12278.500	53.48	1.75	74.0	20.52	Peak	0.00	150	Vertical	Pass
5**	12278.500	44.66	1.75	54.0	9.34	AV	0.00	150	Vertical	Pass
6	15799.987	56.02	2.33	74.0	17.98	Peak	85.00	400	Vertical	Pass
6**	15799.987	47.13	2.33	54.0	6.87	AV	85.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.800	39.31	-17.06	74.0	34.69	Peak	84.00	100	Horizontal	Pass
1**	1610.800	29.54	-17.06	54.0	24.46	AV	84.00	100	Horizontal	Pass
2	4380.000	50.83	-3.32	74.0	23.17	Peak	321.00	400	Horizontal	Pass
2**	4380.000	41.41	-3.32	54.0	12.59	AV	321.00	400	Horizontal	Pass
3	5817.600	98.90	-2.25	--	--	Peak	10.00	150	Horizontal	N/A
3**	5817.600	92.00	-2.25	--	--	AV	10.00	150	Horizontal	N/A
4	7555.450	49.79	-2.93	74.0	24.21	Peak	173.00	200	Horizontal	Pass
4**	7555.450	40.86	-2.93	54.0	13.14	AV	173.00	200	Horizontal	Pass
5	12635.862	53.54	1.24	74.0	20.46	Peak	29.00	100	Horizontal	Pass
5**	12635.862	43.11	1.24	54.0	10.89	AV	29.00	100	Horizontal	Pass
6	16077.712	56.24	1.59	74.0	17.76	Peak	325.00	100	Horizontal	Pass
6**	16077.712	47.60	1.59	54.0	6.40	AV	325.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.200	39.65	-16.87	74.0	34.35	Peak	121.00	100	Vertical	Pass
1**	1494.200	29.17	-16.87	54.0	24.83	AV	121.00	100	Vertical	Pass
2	4357.000	50.87	-4.15	74.0	23.13	Peak	44.00	200	Vertical	Pass
2**	4357.000	40.00	-4.15	54.0	14.00	AV	44.00	200	Vertical	Pass
3	5827.600	112.76	-1.92	--	--	Peak	12.00	100	Vertical	N/A
3**	5827.600	105.21	-1.92	--	--	AV	12.00	100	Vertical	N/A
4	7343.563	50.20	-3.39	74.0	23.80	Peak	353.00	300	Vertical	Pass
4**	7343.563	41.34	-3.39	54.0	12.66	AV	353.00	300	Vertical	Pass
5	11907.912	53.63	1.56	74.0	20.37	Peak	360.00	100	Vertical	Pass
5**	11907.912	43.32	1.56	54.0	10.68	AV	360.00	100	Vertical	Pass
6	16104.225	56.48	1.01	74.0	17.52	Peak	28.00	100	Vertical	Pass
6**	16104.225	47.10	1.01	54.0	6.90	AV	28.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.700	38.94	-17.25	74.0	35.06	Peak	319.00	300	Horizontal	Pass
1**	1448.700	29.17	-17.25	54.0	24.83	AV	319.00	300	Horizontal	Pass
2	4386.600	50.64	-3.30	74.0	23.36	Peak	174.00	200	Horizontal	Pass
2**	4386.600	41.82	-3.30	54.0	12.18	AV	174.00	200	Horizontal	Pass
3	5752.800	97.75	-1.96	--	--	Peak	5.00	150	Horizontal	N/A
3**	5752.800	90.54	-1.96	--	--	AV	5.00	150	Horizontal	N/A
4	7335.225	50.57	-3.26	74.0	23.43	Peak	326.00	200	Horizontal	Pass
4**	7335.225	41.10	-3.26	54.0	12.90	AV	326.00	200	Horizontal	Pass
5	12433.175	53.49	1.65	74.0	20.51	Peak	62.00	200	Horizontal	Pass
5**	12433.175	43.46	1.65	54.0	10.54	AV	62.00	200	Horizontal	Pass
6	16193.212	55.86	1.59	74.0	18.14	Peak	23.00	400	Horizontal	Pass
6**	16193.212	47.64	1.59	54.0	6.36	AV	23.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	39.13	-16.87	74.0	34.87	Peak	106.00	400	Vertical	Pass
1**	1494.600	29.51	-16.87	54.0	24.49	AV	106.00	400	Vertical	Pass
2	4388.800	51.13	-3.38	74.0	22.87	Peak	55.00	400	Vertical	Pass
2**	4388.800	41.29	-3.38	54.0	12.71	AV	55.00	400	Vertical	Pass
3	5765.600	110.47	-1.62	--	--	Peak	331.00	200	Vertical	N/A
3**	5765.600	103.24	-1.62	--	--	AV	331.00	200	Vertical	N/A
4	7673.612	51.21	-2.31	74.0	22.79	Peak	246.00	300	Vertical	Pass
4**	7673.612	46.52	-2.31	54.0	7.48	AV	246.00	300	Vertical	Pass
5	12306.099	53.62	1.38	74.0	20.38	Peak	147.00	200	Vertical	Pass
5**	12306.099	43.50	1.38	54.0	10.50	AV	147.00	200	Vertical	Pass
6	15842.775	57.03	1.40	74.0	16.97	Peak	306.00	200	Vertical	Pass
6**	15842.775	46.43	1.40	54.0	7.57	AV	306.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.400	39.11	-16.98	74.0	34.89	Peak	239.00	100	Horizontal	Pass
1**	1558.400	29.90	-16.98	54.0	24.10	AV	239.00	100	Horizontal	Pass
2	4298.400	50.29	-4.07	74.0	23.71	Peak	53.00	300	Horizontal	Pass
2**	4298.400	41.38	-4.07	54.0	12.62	AV	53.00	300	Horizontal	Pass
3	5807.400	97.26	-1.99	--	--	Peak	10.00	150	Horizontal	N/A
3**	5807.400	88.69	-1.99	--	--	AV	10.00	150	Horizontal	N/A
4	7349.600	50.98	-3.67	74.0	23.02	Peak	258.00	400	Horizontal	Pass
4**	7349.600	40.37	-3.67	54.0	13.63	AV	258.00	400	Horizontal	Pass
5	11203.250	53.55	-0.27	74.0	20.45	Peak	209.00	150	Horizontal	Pass
5**	11203.250	43.58	-0.27	54.0	10.42	AV	209.00	150	Horizontal	Pass
6	16195.575	56.61	1.59	74.0	17.39	Peak	175.00	200	Horizontal	Pass
6**	16195.575	47.55	1.59	54.0	6.45	AV	175.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	39.47	-16.88	74.0	34.53	Peak	110.00	100	Vertical	Pass
1**	1493.000	29.55	-16.88	54.0	24.45	AV	110.00	100	Vertical	Pass
2	4385.600	50.11	-3.36	74.0	23.89	Peak	300.00	100	Vertical	Pass
2**	4385.600	41.97	-3.36	54.0	12.03	AV	300.00	100	Vertical	Pass
3	5784.200	110.05	-1.59	--	--	Peak	246.00	200	Vertical	N/A
3**	5784.200	102.23	-1.59	--	--	AV	246.00	200	Vertical	N/A
4	7726.800	50.66	-2.49	74.0	23.34	Peak	61.00	300	Vertical	Pass
4**	7726.800	46.63	-2.49	54.0	7.37	AV	61.00	300	Vertical	Pass
5	12248.600	53.73	0.97	74.0	20.27	Peak	356.00	150	Vertical	Pass
5**	12248.600	43.20	0.97	54.0	10.80	AV	356.00	150	Vertical	Pass
6	15552.713	56.12	0.84	74.0	17.88	Peak	0.00	200	Vertical	Pass
6**	15552.713	45.87	0.84	54.0	8.13	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.100	38.97	-17.23	74.0	35.03	Peak	243.00	400	Horizontal	Pass
1**	1512.100	29.72	-17.23	54.0	24.28	AV	243.00	400	Horizontal	Pass
2	4390.800	50.13	-3.35	74.0	23.87	Peak	12.00	200	Horizontal	Pass
2**	4390.800	41.49	-3.35	54.0	12.51	AV	12.00	200	Horizontal	Pass
3	5801.000	94.26	-1.84	--	--	Peak	1.00	200	Horizontal	N/A
3**	5801.000	86.60	-1.84	--	--	AV	1.00	200	Horizontal	N/A
4	7336.375	50.15	-3.12	74.0	23.85	Peak	176.00	100	Horizontal	Pass
4**	7336.375	40.94	-3.12	54.0	13.06	AV	176.00	100	Horizontal	Pass
5	12331.400	53.54	1.40	74.0	20.46	Peak	259.00	200	Horizontal	Pass
5**	12331.400	44.68	1.40	54.0	9.32	AV	259.00	200	Horizontal	Pass
6	16036.500	56.72	0.77	74.0	17.28	Peak	98.00	300	Horizontal	Pass
6**	16036.500	46.43	0.77	54.0	7.57	AV	98.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.400	39.30	-17.06	74.0	34.70	Peak	100.00	200	Vertical	Pass
1**	1497.400	29.03	-17.06	54.0	24.97	AV	100.00	200	Vertical	Pass
2	3726.000	50.34	-5.25	74.0	23.66	Peak	181.00	200	Vertical	Pass
2**	3726.000	39.82	-5.25	54.0	14.18	AV	181.00	200	Vertical	Pass
3	5759.200	107.22	-1.59	--	--	Peak	246.00	150	Vertical	N/A
3**	5759.200	99.53	-1.59	--	--	AV	246.00	150	Vertical	N/A
4	7337.238	50.88	-2.96	74.0	23.12	Peak	78.00	100	Vertical	Pass
4**	7337.238	41.55	-2.96	54.0	12.45	AV	78.00	100	Vertical	Pass
5	12276.775	53.10	1.68	74.0	20.90	Peak	12.00	100	Vertical	Pass
5**	12276.775	44.62	1.68	54.0	9.38	AV	12.00	100	Vertical	Pass
6	15849.338	56.01	1.34	74.0	17.99	Peak	1.00	100	Vertical	Pass
6**	15849.338	46.81	1.34	54.0	7.19	AV	1.00	100	Vertical	Pass