RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

LTE GPS Condition Tracker

ISSUED TO
Shenzhen Jimi IoT Co., Ltd.

3-4/F, Block A, Building #7, Shenzhen International Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

Tested by: Ye Hongji
Date: Oct. 22, 2021

Approved by: Tolan Tu
(Testing Director)
Date: Oct. 22, 2021

Report No.:	BL-SZ2160023-603
EUT Name:	LTE GPS Condition Tracker
Model Name:	JM-LL03S (refer section 2.4)
Brand Name:	HERE
Test Standard:	47 CFR Part 15 Subpart E (refer section 3.1)
FCC ID:	2AMLFJM-LL03S
Test Conclusion:	Pass
Test Date:	Jun. 10, 2021 ~ Jul. 12, 2021
Date of Issue:	Oct. 22, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Oct. 18, 2021	Initial Issue
Rev. 02	Oct. 22, 2021	Correct product type in section 2.5 and test data in Section A.2

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, 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.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20℃ to 25℃
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

1.4 Announce

(1) The test report reference to the report template version v4.4.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

(6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

(7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	Shenzhen Jimi IOT Co., Ltd
Address	3-4/F, Block A, Building #7, Shenzhen International Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

2.2 Manufacturer

Manufacturer	Shenzhen Jimi IOT Co., Ltd
Address	3-4/F, Block A, Building #7, Shenzhen International Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

2.3 Factory

Factory	Huizhou Jimi Manufacturing Co., Ltd.
Address	Factory Buildings 1 and 2, Jimi Industrial Park, 101 Jinfu Road, Xiaojinkou Subdistrict, Huicheng District, Huizhou, Guangdong, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	LTE GPS Condition Tracker
Model Name Under Test	JM-LL03S
Series Model Name	JM-LL03S2, JM-L03S3, JM-LL03S4, JM-LL03S5
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name.
Hardware Version	TT93-MB-V1.2
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	WIFI 802.11a, 802.11n U-NII-1/2A/2C/3

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz
Maximum Output Power	U-NII-1: 15.05 dBm U-NII-2A: 15.21 dBm U-NII-2C: 15.51 dBm U-NII-3: 15.26 dBm
Antenna Type	FPC Antenna
Antenna Gain	1.0 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is LTE GPS Condition Tracker, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	AmebaD_mptool_2V2		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

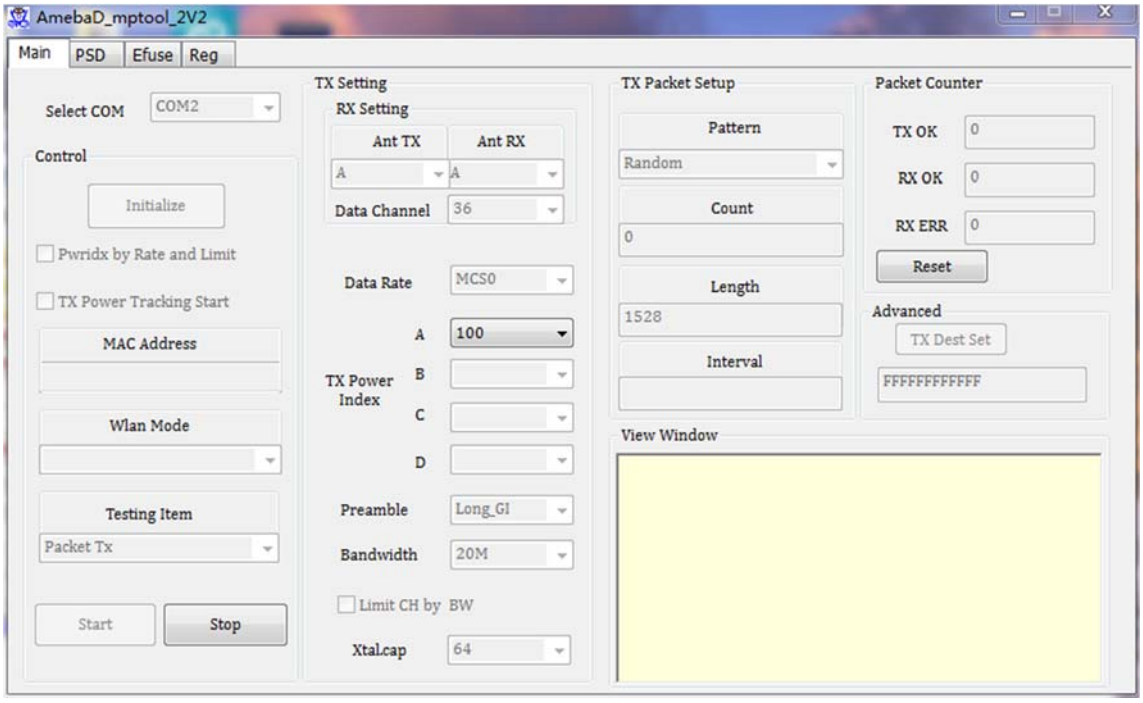
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	100
11a	CH44	5220	100
11a	CH48	5240	100
11n (HT20)	CH36	5180	100
11n (HT20)	CH44	5220	100
11n (HT20)	CH48	5240	100
11n (HT40)	CH38	5190	100
11n (HT40)	CH46	5230	100

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	94
11a	CH60	5300	96
11a	CH64	5320	93
11n (HT20)	CH52	5260	94
11n (HT20)	CH60	5300	96
11n (HT20)	CH64	5320	95
11n (HT40)	CH54	5270	96
11n (HT40)	CH62	5310	96

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	98
11a	CH116	5580	100
11a	CH140	5700	100
11n (HT20)	CH100	5500	100
11n (HT20)	CH116	5580	100
11n (HT20)	CH140	5700	100
11n (HT40)	CH102	5510	100
11n (HT40)	CH118	5590	100
11n (HT40)	CH134	5670	99

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	96
11a	CH157	5785	100
11a	CH165	5825	104
11n (HT20)	CH149	5745	99
11n (HT20)	CH157	5785	102
11n (HT20)	CH165	5825	104
11n (HT40)	CH151	5755	98
11n (HT40)	CH159	5795	102

Run Software:



2.7 Channel List

20 MHz		40 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**
44	**5220**	**46**	**5230**
48	**5240**	**54**	**5270**
52	**5260**	**62**	**5310**
60	**5300**	**102**	**5510**
64	**5320**	118	5590
100	**5500**	**134**	**5670**
116	**5580**	**151**	**5755**
140	**5700**	**159**	**5795**
149	**5745**		
157	**5785**		
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)

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

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

For 802.11n(HT40)

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

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 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
8	Receiver Spurious Emissions	--	--	N/A[Note2]

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22℃ to +25℃
	LT (Low Temperature)	-20℃
	HT (High Temperature)	+60℃
Working Voltage of the EUT	NV (Normal Voltage)	3.6 V
	LV (Low Voltage)	3.8 V
	HV (High Voltage)	4.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.06.01	2022.05.31
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.01.05	2023.01.04
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2018.08.08	2021.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

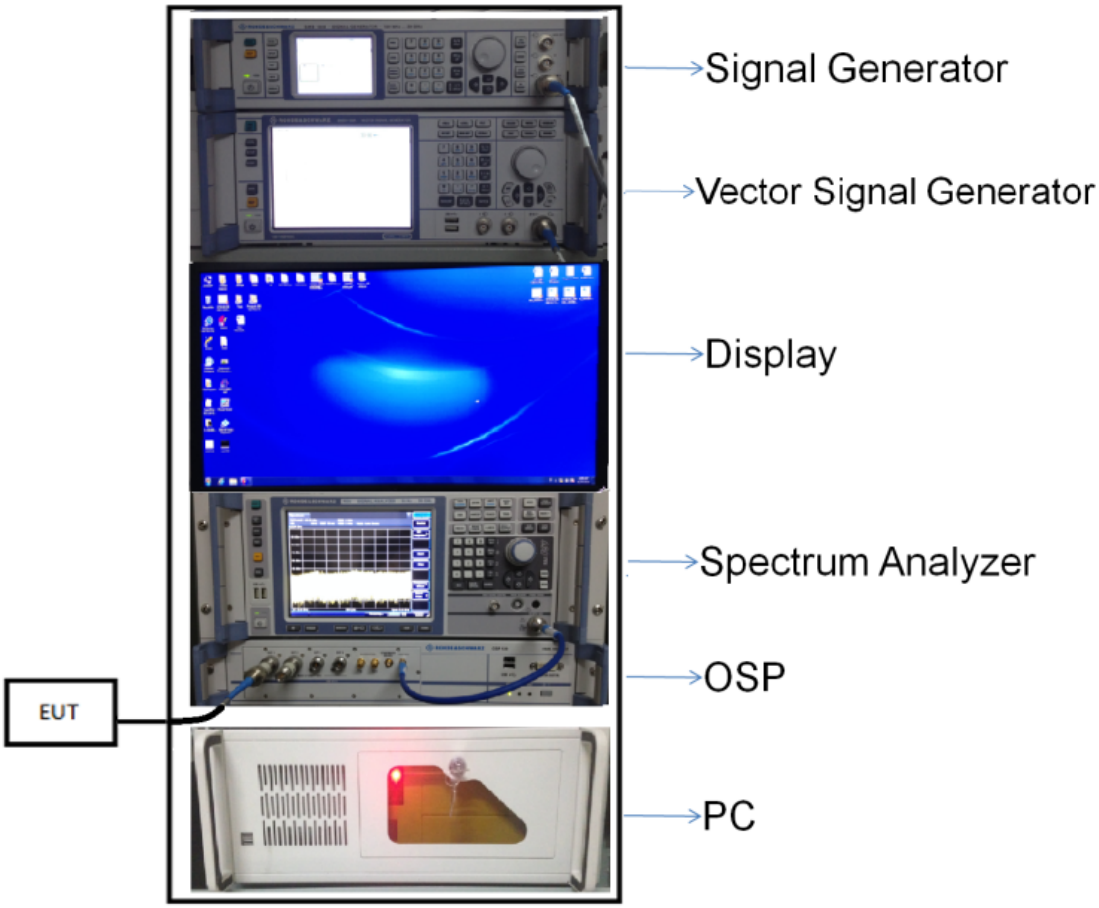
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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	0.82°C
Humidity	4.1%

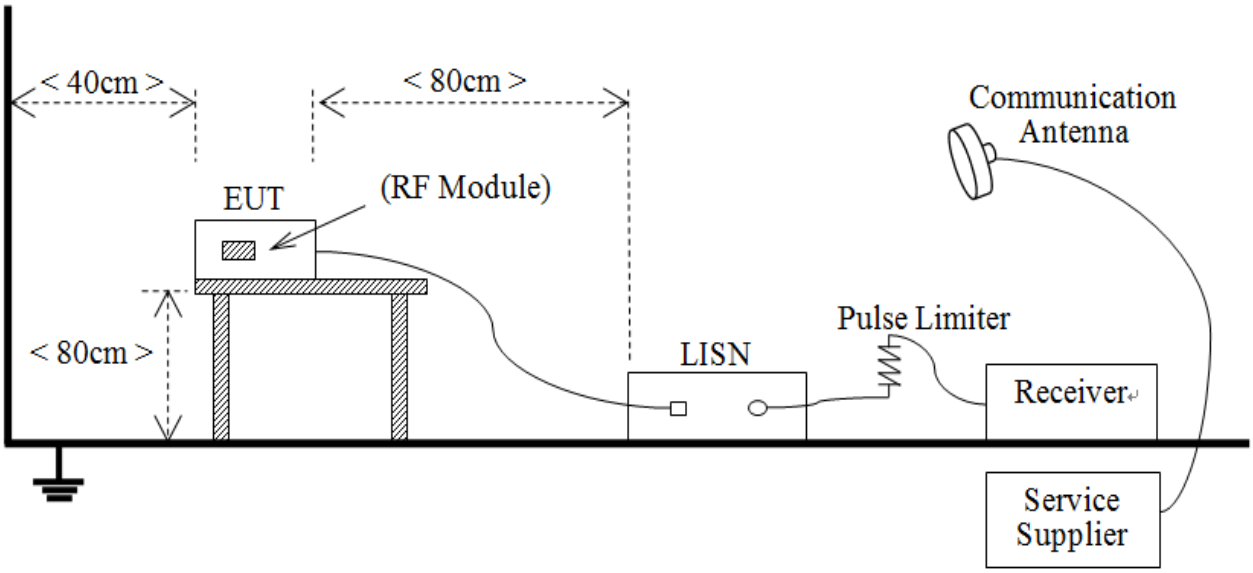
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



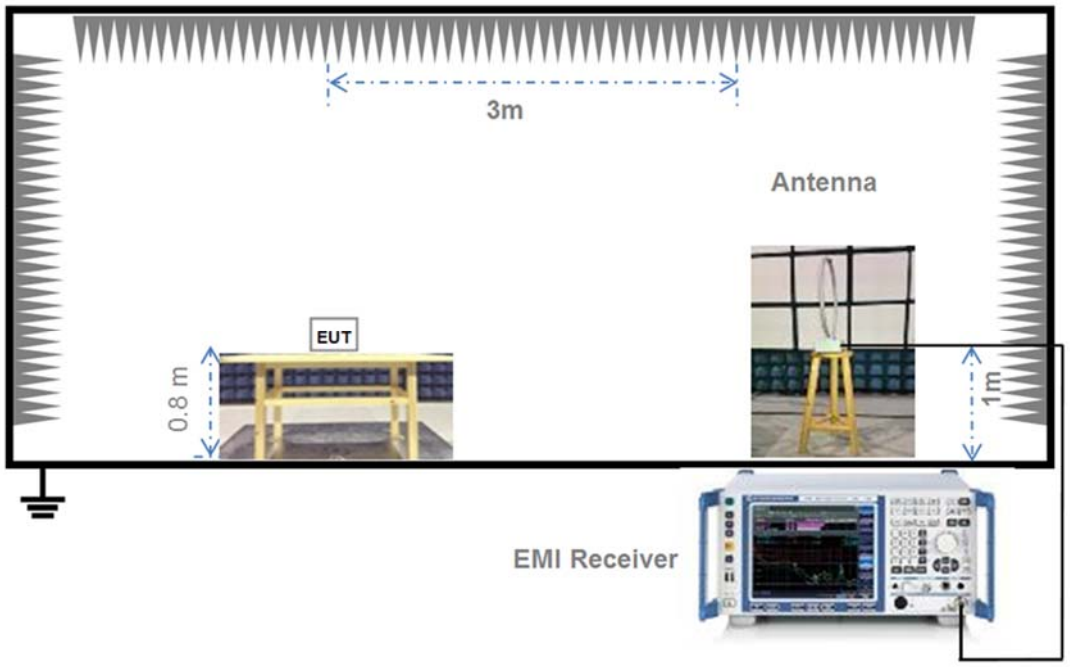
(Diagram 1)

4.4.2 For AC Power Supply Port Test



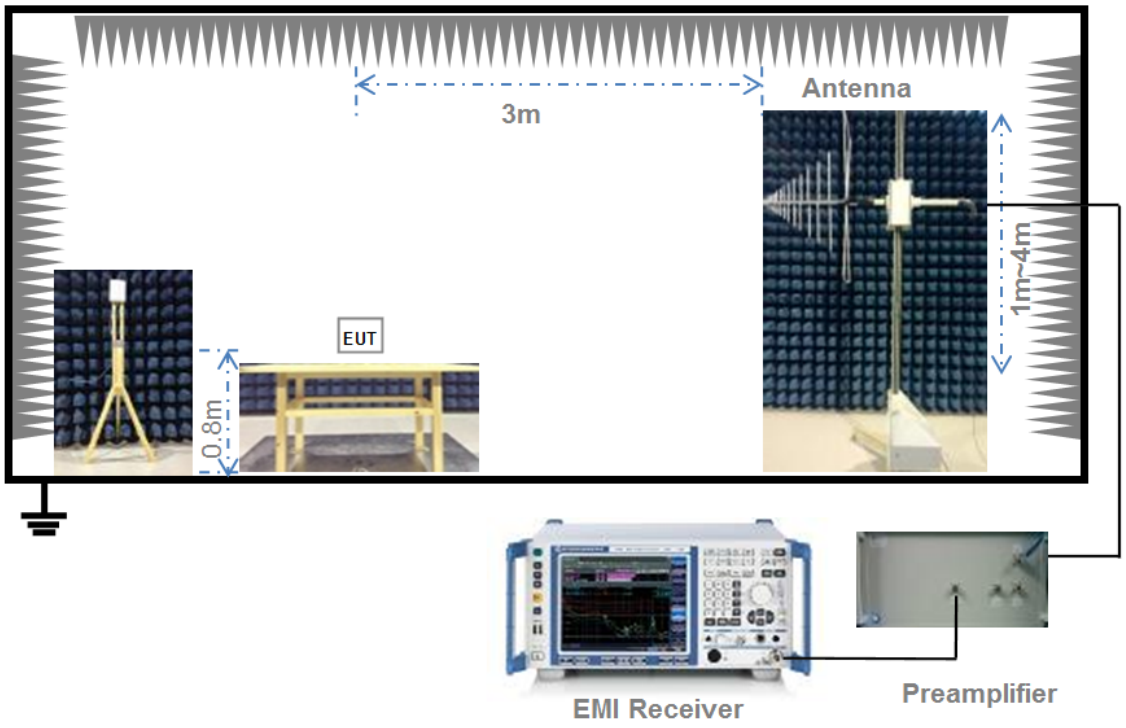
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



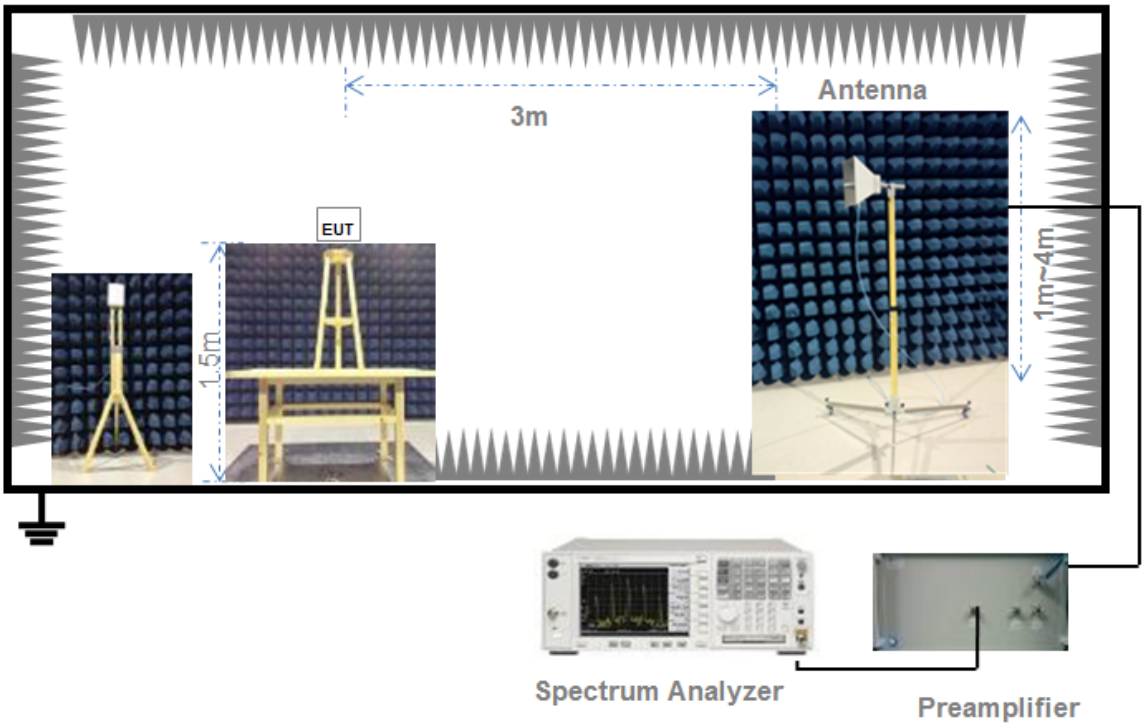
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note: Where “B” is the 99% emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.4.1 (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

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

The test setup photo please refer to 4.4.1 (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 ≥ 3*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 ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A

5.3.2 Test Setup

The section 4.4.1 (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 ≥ 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, RSS-GEN, 8.8

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

Frequency range (MHz)	Conducted Limit (dBμV)	
	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 4.4.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

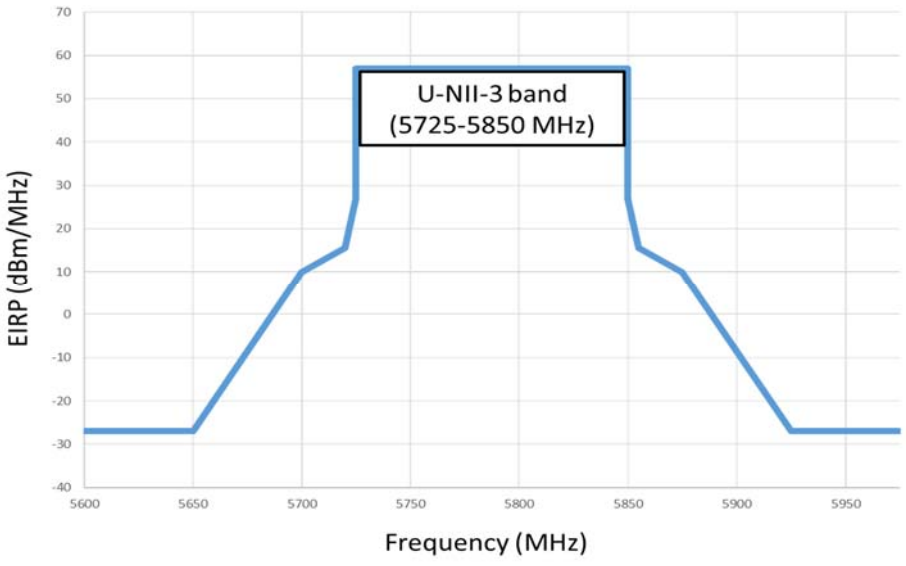
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

The section 4.4.3-4.4.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

f) Compare the resultant electric field strength level to the applicable limit.

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

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

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (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 ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto

Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.58	28.71	250	Pass
11a	CH44	14.75	29.85	250	Pass
11a	CH48	14.90	30.90	250	Pass
11n (HT20)	CH36	14.47	27.99	250	Pass
11n (HT20)	CH44	14.72	29.65	250	Pass
11n (HT20)	CH48	14.84	30.48	250	Pass
11n (HT40)	CH38	15.01	31.70	250	Pass
11n (HT40)	CH46	15.05	31.99	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.84	30.48	250	Pass
11a	CH60	15.20	33.11	250	Pass
11a	CH64	14.94	31.19	250	Pass
11n (HT20)	CH52	14.72	29.65	250	Pass
11n (HT20)	CH60	15.08	32.21	250	Pass
11n (HT20)	CH64	15.16	32.81	250	Pass
11n (HT40)	CH54	15.12	32.51	250	Pass
11n (HT40)	CH62	15.21	33.19	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.73	29.72	250	Pass
11a	CH116	15.07	32.14	250	Pass
11a	CH140	14.60	28.84	250	Pass
11n (HT20)	CH100	15.11	32.43	250	Pass
11n (HT20)	CH116	14.83	30.41	250	Pass
11n (HT20)	CH140	14.58	28.71	250	Pass
11n (HT40)	CH102	15.40	34.67	250	Pass
11n (HT40)	CH118	15.02	31.77	250	Pass
11n (HT40)	CH134	15.51	35.56	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.80	30.20	1000	Pass
11a	CH157	14.77	29.99	1000	Pass
11a	CH165	15.16	32.81	1000	Pass
11n (HT20)	CH149	15.26	33.57	1000	Pass
11n (HT20)	CH157	14.87	30.69	1000	Pass
11n (HT20)	CH165	14.74	29.79	1000	Pass
11n (HT40)	CH151	15.25	33.50	1000	Pass
11n (HT40)	CH159	15.08	32.21	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2160023-603 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.90	16.55
11a	CH44	20.70	16.53
11a	CH48	20.85	16.54
11n (HT20)	CH36	21.31	17.60
11n (HT20)	CH44	21.09	17.58
11n (HT20)	CH48	21.52	17.61
11n (HT40)	CH38	39.24	35.71
11n (HT40)	CH46	39.88	35.77

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.87	16.54
11a	CH60	20.74	16.54
11a	CH64	21.07	16.59
11n (HT20)	CH52	21.12	17.60
11n (HT20)	CH60	21.14	17.59
11n (HT20)	CH64	21.42	17.66
11n (HT40)	CH54	38.92	35.64
11n (HT40)	CH62	39.43	35.71

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.08	16.56
11a	CH116	20.52	16.52
11a	CH140	20.57	16.52
11n (HT20)	CH100	21.48	17.65
11n (HT20)	CH116	21.02	17.57
11n (HT20)	CH140	21.27	17.59
11n (HT40)	CH102	39.10	35.74
11n (HT40)	CH118	38.72	35.73
11n (HT40)	CH134	39.51	35.83

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.81	16.57
11a	CH157	20.85	16.56
11a	CH165	20.62	16.57
11n (HT20)	CH149	21.51	17.66
11n (HT20)	CH157	21.04	17.60
11n (HT20)	CH165	21.31	17.60
11n (HT40)	CH151	39.46	35.80
11n (HT40)	CH159	39.56	35.76

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2160023-603 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.40	500.00	Pass
11a	CH157	16.40	500.00	Pass
11a	CH165	16.40	500.00	Pass
11n (HT20)	CH149	16.42	500.00	Pass
11n (HT20)	CH157	17.00	500.00	Pass
11n (HT20)	CH165	17.12	500.00	Pass
11n (HT40)	CH151	35.25	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2160023-603 Data Part 3.pdf”.
Note [2]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.
Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.10	11.00	Pass
11a	CH44	2.34	11.00	Pass
11a	CH48	2.45	11.00	Pass
11n (HT20)	CH36	1.85	11.00	Pass
11n (HT20)	CH44	2.16	11.00	Pass
11n (HT20)	CH48	2.25	11.00	Pass
11n (HT40)	CH38	-1.04	11.00	Pass
11n (HT40)	CH46	-0.94	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	2.38	11.00	Pass
11a	CH60	2.83	11.00	Pass
11a	CH64	2.53	11.00	Pass
11n (HT20)	CH52	1.87	11.00	Pass
11n (HT20)	CH60	2.42	11.00	Pass
11n (HT20)	CH64	2.40	11.00	Pass
11n (HT40)	CH54	-0.85	11.00	Pass
11n (HT40)	CH62	-0.76	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.31	11.00	Pass
11a	CH116	2.88	11.00	Pass
11a	CH140	2.27	11.00	Pass
11n (HT20)	CH100	2.58	11.00	Pass
11n (HT20)	CH116	2.56	11.00	Pass
11n (HT20)	CH140	2.13	11.00	Pass
11n (HT40)	CH102	-0.40	11.00	Pass
11n (HT40)	CH118	-0.62	11.00	Pass
11n (HT40)	CH134	-0.45	11.00	Pass

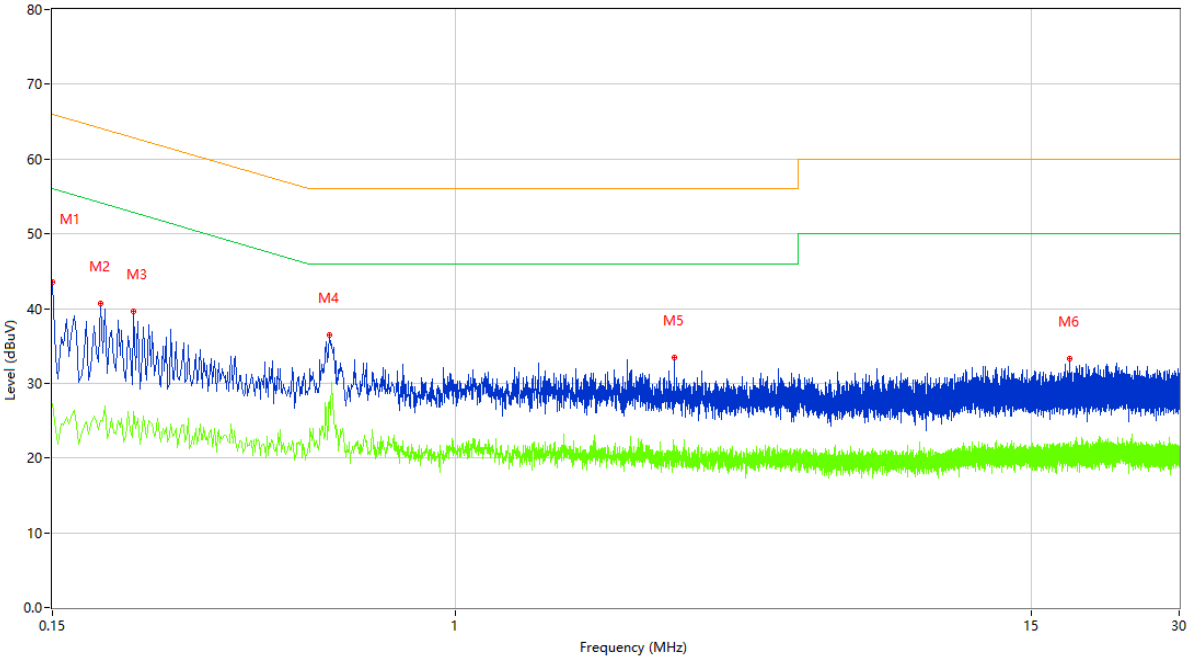
U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.59	30.00	Pass
11a	CH157	-0.48	30.00	Pass
11a	CH165	-0.20	30.00	Pass
11n (HT20)	CH149	-0.22	30.00	Pass
11n (HT20)	CH157	-0.43	30.00	Pass
11n (HT20)	CH165	-0.89	30.00	Pass
11n (HT40)	CH151	-3.44	30.00	Pass
11n (HT40)	CH159	-3.59	30.00	Pass

A.5 Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

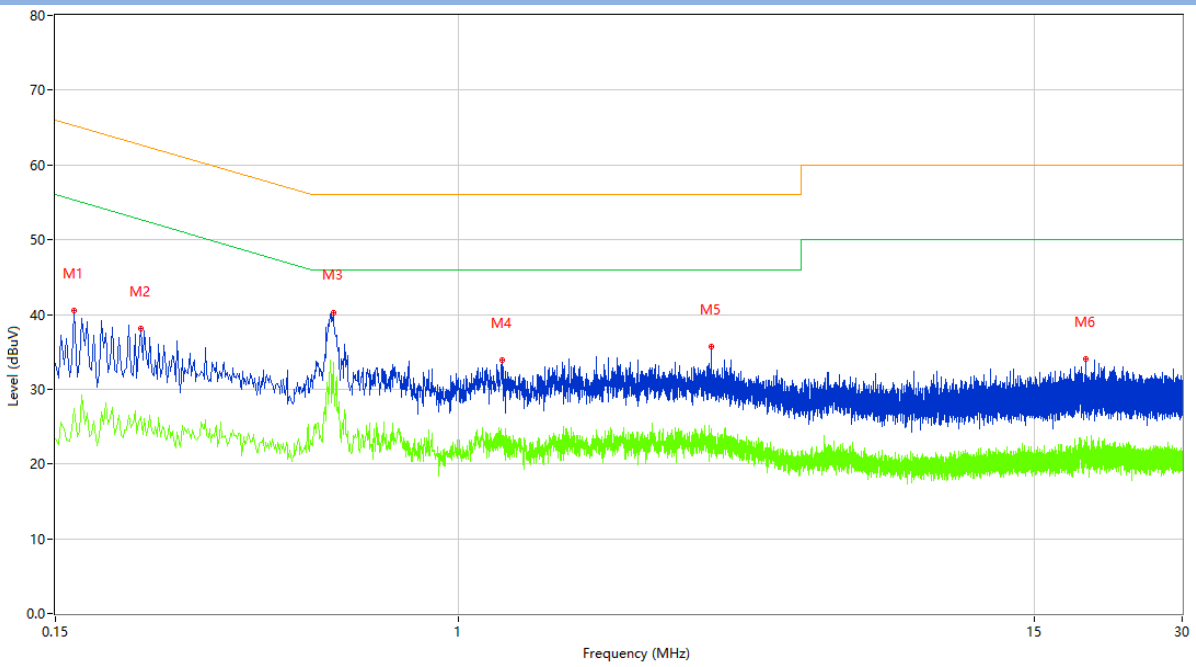
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	43.49	10.20	66.00	-22.51	Peak	L	Pass
1**	0.150	27.22	10.20	56.00	-28.78	AV	L	Pass
2	0.188	40.63	10.22	64.12	-23.49	Peak	L	Pass
2**	0.188	24.97	10.22	54.12	-29.15	AV	L	Pass
3	0.220	39.61	10.33	62.82	-23.21	Peak	L	Pass
3**	0.220	26.26	10.33	52.82	-26.56	AV	L	Pass
4	0.552	36.39	10.10	56.00	-19.61	Peak	L	Pass
4**	0.552	27.63	10.10	46.00	-18.37	AV	L	Pass
5	2.790	33.47	10.31	56.00	-22.53	Peak	L	Pass
5**	2.790	21.75	10.31	46.00	-24.25	AV	L	Pass
6	17.930	33.32	10.74	60.00	-26.68	Peak	L	Pass
6**	17.930	19.81	10.74	50.00	-30.19	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	33.31	10.17	65.67	-32.36	Peak	N	Pass
1**	0.156	24.69	10.17	55.67	-30.98	AV	N	Pass
2	0.224	38.07	10.33	62.67	-24.60	Peak	N	Pass
2**	0.224	26.30	10.33	52.67	-26.37	AV	N	Pass
3	0.554	40.29	10.10	56.00	-15.71	Peak	N	Pass
3**	0.554	33.60	10.10	46.00	-12.40	AV	N	Pass
4	1.228	33.83	10.21	56.00	-22.17	Peak	N	Pass
4**	1.228	22.47	10.21	46.00	-23.53	AV	N	Pass
5	3.274	35.69	10.32	56.00	-20.31	Peak	N	Pass
5**	3.274	24.68	10.32	46.00	-21.32	AV	N	Pass
6	19.044	34.03	10.76	60.00	-25.97	Peak	N	Pass
6**	19.044	22.86	10.76	50.00	-27.14	AV	N	Pass

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

Test Data

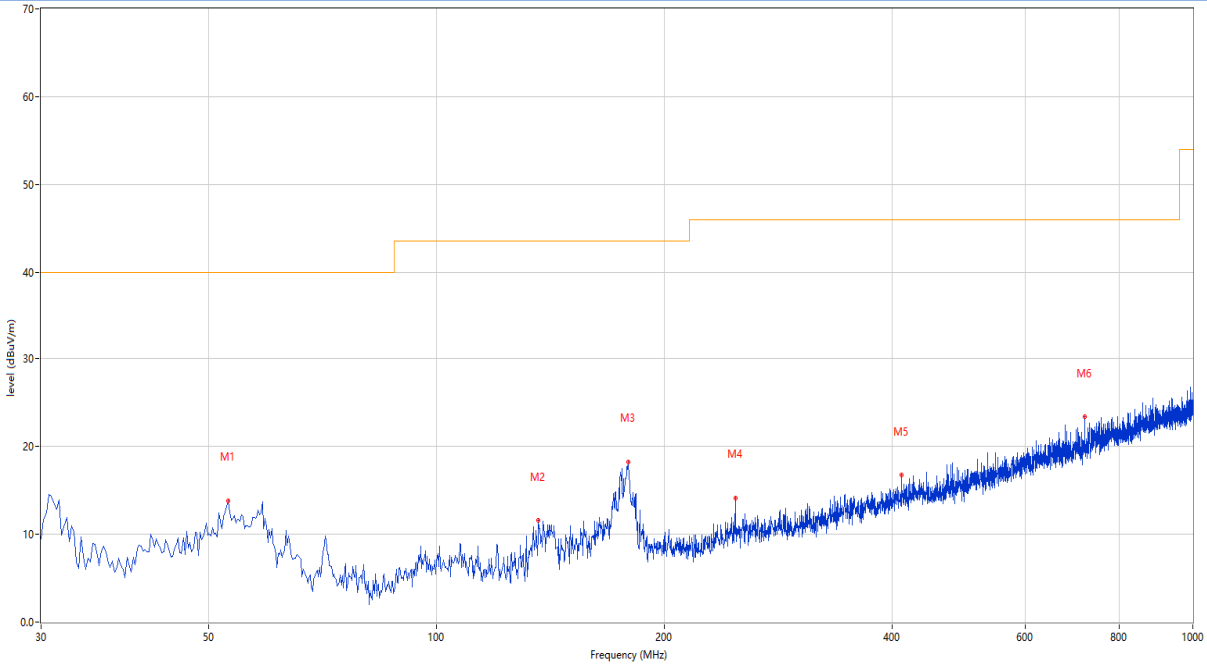
Note [1]: The symbol of "--" in the table which means not application.

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

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

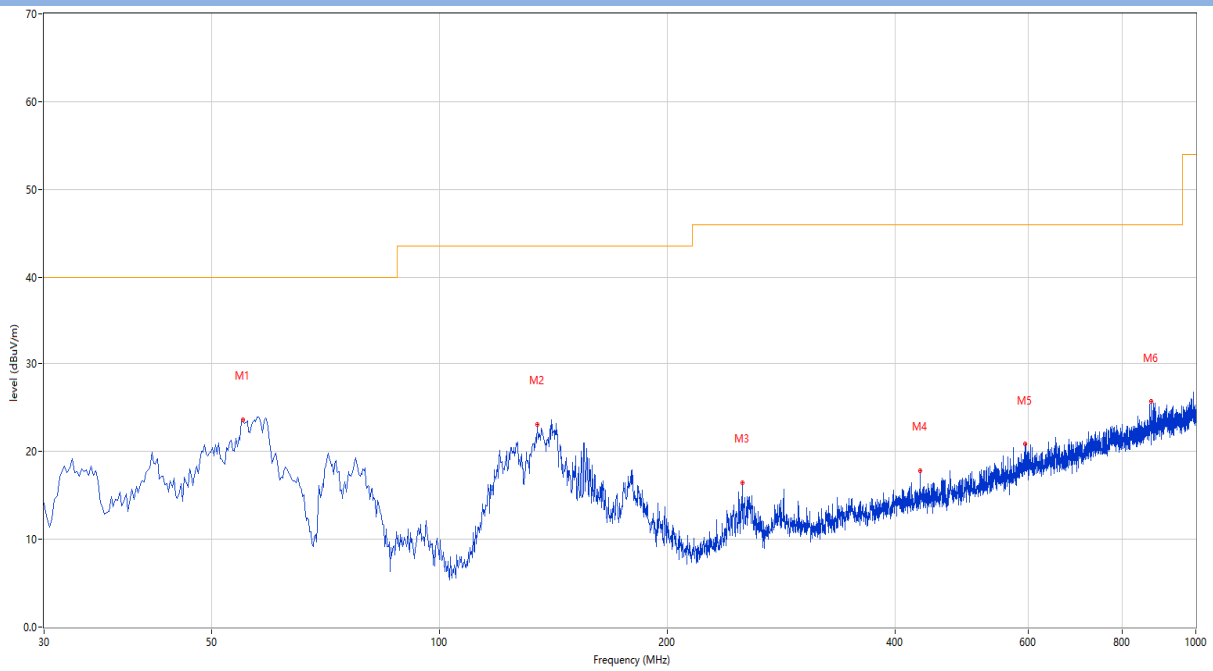
Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.038	13.86	-25.37	40.0	-26.14	Peak	137.00	100	Horizontal	Pass
2	136.458	11.56	-30.79	43.5	-31.94	Peak	121.00	200	Horizontal	Pass
3	179.138	18.28	-27.85	43.5	-25.22	Peak	68.00	200	Horizontal	Pass
4	248.250	14.08	-24.65	46.0	-31.92	Peak	287.00	100	Horizontal	Pass
5	411.938	16.76	-20.98	46.0	-29.24	Peak	145.00	100	Horizontal	Pass
6	719.185	23.37	-14.68	46.0	-22.63	Peak	59.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.977	23.66	-25.72	40.0	-16.34	Peak	147.00	100	Vertical	Pass
2	134.760	23.11	-30.78	43.5	-20.39	Peak	253.00	100	Vertical	Pass
3	251.402	16.46	-24.53	46.0	-29.54	Peak	227.00	100	Vertical	Pass
4	432.307	17.84	-20.33	46.0	-28.16	Peak	121.00	100	Vertical	Pass
5	595.268	20.92	-16.57	46.0	-25.08	Peak	323.00	100	Vertical	Pass
6	872.445	25.73	-11.75	46.0	-20.27	Peak	244.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.500	41.84	-13.96	68.2	-26.36	Peak	186.00	150	Horizontal	Pass
1**	1994.500	28.00	-13.96	54.0	-26.00	AV	186.00	150	Horizontal	Pass
2	3189.000	49.15	-7.51	68.2	-19.05	Peak	96.00	150	Horizontal	Pass
2**	3189.000	31.58	-7.51	54.0	-22.42	AV	96.00	150	Horizontal	Pass
3	5180.000	98.52	-1.62	68.2	30.32	Peak	188.00	150	Horizontal	N/A
3**	5180.000	91.69	-1.62	54.0	37.69	AV	188.00	150	Horizontal	N/A
4	9351.250	47.96	3.49	74.0	-26.04	Peak	325.00	150	Horizontal	Pass
4**	9351.250	38.62	3.49	54.0	-15.38	AV	325.00	150	Horizontal	Pass
5	14606.500	55.73	12.32	68.2	-12.47	Peak	268.00	150	Horizontal	Pass
5**	14606.500	46.82	12.32	54.0	-7.18	AV	268.00	150	Horizontal	Pass
6	17903.749	59.37	17.26	74.0	-14.63	Peak	14.00	150	Horizontal	Pass
6**	17903.749	49.57	17.26	54.0	-4.43	AV	14.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.000	45.85	-16.53	74.0	-28.15	Peak	337.00	150	Vertical	Pass
1**	1596.000	25.44	-16.53	54.0	-28.56	AV	337.00	150	Vertical	Pass
2	3194.000	54.62	-7.10	68.2	-13.58	Peak	0.00	150	Vertical	Pass
2**	3194.000	31.99	-7.10	54.0	-22.01	AV	0.00	150	Vertical	Pass
3	5180.000	101.27	-1.95	68.2	33.07	Peak	186.00	150	Vertical	N/A
3**	5180.000	95.14	-1.95	54.0	41.14	AV	186.00	150	Vertical	N/A
4	5993.000	54.15	-0.18	68.2	-14.05	Peak	26.00	150	Vertical	Pass
4**	5993.000	41.28	-0.18	54.0	-12.72	AV	26.00	150	Vertical	Pass
5	10822.500	50.64	7.17	74.0	-23.36	Peak	324.00	150	Vertical	Pass
5**	10822.500	40.52	7.17	54.0	-13.48	AV	324.00	150	Vertical	Pass
6	17895.500	58.49	17.30	74.0	-15.51	Peak	213.00	150	Vertical	Pass
6**	17895.500	48.50	17.30	54.0	-5.50	AV	213.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.500	39.23	-16.54	74.0	-34.77	Peak	105.00	150	Horizontal	Pass
1**	1594.500	24.09	-16.54	54.0	-29.91	AV	105.00	150	Horizontal	Pass
2	3195.000	46.41	-6.81	68.2	-21.79	Peak	75.00	150	Horizontal	Pass
2**	3195.000	32.12	-6.81	54.0	-21.88	AV	75.00	150	Horizontal	Pass
3	5220.000	98.90	-1.69	68.2	30.70	Peak	360.00	150	Horizontal	N/A
3**	5220.000	91.38	-1.69	54.0	37.38	AV	360.00	150	Horizontal	N/A
4	8864.500	47.53	3.15	68.2	-20.67	Peak	214.00	150	Horizontal	Pass
4**	8864.500	38.55	3.15	54.0	-15.45	AV	214.00	150	Horizontal	Pass
5	14601.000	56.72	12.44	68.2	-11.48	Peak	345.00	150	Horizontal	Pass
5**	14601.000	46.17	12.44	54.0	-7.83	AV	345.00	150	Horizontal	Pass
6	17903.749	58.59	17.26	74.0	-15.41	Peak	357.00	150	Horizontal	Pass
6**	17903.749	49.82	17.26	54.0	-4.18	AV	357.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.000	42.72	-16.63	74.0	-31.28	Peak	170.00	150	Vertical	Pass
1**	1594.000	25.60	-16.63	54.0	-28.40	AV	170.00	150	Vertical	Pass
2	3195.000	53.57	-6.81	68.2	-14.63	Peak	259.00	150	Vertical	Pass
2**	3195.000	36.86	-6.81	54.0	-17.14	AV	259.00	150	Vertical	Pass
3	5220.000	103.76	-1.69	68.2	35.56	Peak	187.00	150	Vertical	N/A
3**	5220.000	94.22	-1.69	54.0	40.22	AV	187.00	150	Vertical	N/A
4	5999.000	54.38	-0.19	68.2	-13.82	Peak	17.00	150	Vertical	Pass
4**	5999.000	40.14	-0.19	54.0	-13.86	AV	17.00	150	Vertical	Pass
5	9345.750	47.91	3.55	74.0	-26.09	Peak	101.00	150	Vertical	Pass
5**	9345.750	38.56	3.55	54.0	-15.44	AV	101.00	150	Vertical	Pass
6	14587.250	55.45	12.38	68.2	-12.75	Peak	345.00	150	Vertical	Pass
6**	14587.250	46.64	12.38	54.0	-7.36	AV	345.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	39.52	-16.61	74.0	-34.48	Peak	118.00	150	Horizontal	Pass
1**	1596.500	26.77	-16.61	54.0	-27.23	AV	118.00	150	Horizontal	Pass
2	3199.000	47.24	-6.82	68.2	-20.96	Peak	75.00	150	Horizontal	Pass
2**	3199.000	31.62	-6.82	54.0	-22.38	AV	75.00	150	Horizontal	Pass
3	5240.000	101.02	-2.35	68.2	32.82	Peak	12.00	150	Horizontal	N/A
3**	5240.000	91.76	-2.35	54.0	37.76	AV	12.00	150	Horizontal	N/A
4	6742.000	52.61	2.15	68.2	-15.59	Peak	126.00	150	Horizontal	Pass
4**	6742.000	40.61	2.15	54.0	-13.39	AV	126.00	150	Horizontal	Pass
5	14598.250	55.17	12.46	68.2	-13.03	Peak	41.00	150	Horizontal	Pass
5**	14598.250	48.07	12.46	54.0	-5.93	AV	41.00	150	Horizontal	Pass
6	17892.749	59.02	17.17	74.0	-14.98	Peak	0.00	150	Horizontal	Pass
6**	17892.749	50.63	17.17	54.0	-3.37	AV	0.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.500	45.22	-16.47	74.0	-28.78	Peak	333.00	150	Vertical	Pass
1**	1599.500	25.59	-16.47	54.0	-28.41	AV	333.00	150	Vertical	Pass
2	3196.000	55.25	-6.55	68.2	-12.95	Peak	257.00	150	Vertical	Pass
2**	3196.000	34.75	-6.55	54.0	-19.25	AV	257.00	150	Vertical	Pass
3	5240.000	104.10	-2.35	68.2	35.90	Peak	156.00	150	Vertical	N/A
3**	5240.000	95.40	-2.35	54.0	41.40	AV	156.00	150	Vertical	N/A
4	6000.000	54.77	0.12	68.2	-13.43	Peak	106.00	150	Vertical	Pass
4**	6000.000	40.82	0.12	54.0	-13.18	AV	106.00	150	Vertical	Pass
5	14394.750	55.12	11.94	68.2	-13.08	Peak	233.00	150	Vertical	Pass
5**	14394.750	45.03	11.94	54.0	-8.97	AV	233.00	150	Vertical	Pass
6	17892.749	58.31	17.17	74.0	-15.69	Peak	1.00	150	Vertical	Pass
6**	17892.749	49.46	17.17	54.0	-4.54	AV	1.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.500	37.76	-15.57	74.0	-36.24	Peak	182.00	150	Horizontal	Pass
1**	1353.500	25.35	-15.57	54.0	-28.65	AV	182.00	150	Horizontal	Pass
2	3062.000	43.89	-6.88	68.2	-24.31	Peak	80.00	150	Horizontal	Pass
2**	3062.000	31.18	-6.88	54.0	-22.82	AV	80.00	150	Horizontal	Pass
3	5180.000	97.54	-1.93	68.2	29.34	Peak	211.00	150	Horizontal	N/A
3**	5180.000	90.87	-1.93	54.0	36.87	AV	211.00	150	Horizontal	N/A
4	6549.000	51.46	2.02	68.2	-16.74	Peak	159.00	150	Horizontal	Pass
4**	6549.000	40.90	2.02	54.0	-13.10	AV	159.00	150	Horizontal	Pass
5	10539.250	50.34	7.22	68.2	-17.86	Peak	57.00	150	Horizontal	Pass
5**	10539.250	39.66	7.22	54.0	-14.34	AV	57.00	150	Horizontal	Pass
6	14603.750	55.46	12.38	68.2	-12.74	Peak	1.00	150	Horizontal	Pass
6**	14603.750	46.23	12.38	54.0	-7.77	AV	1.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	43.67	-16.28	74.0	-30.33	Peak	328.00	150	Vertical	Pass
1**	1598.500	29.38	-16.28	54.0	-24.62	AV	328.00	150	Vertical	Pass
2	3198.000	54.24	-6.78	68.2	-13.96	Peak	4.00	150	Vertical	Pass
2**	3198.000	34.61	-6.78	54.0	-19.39	AV	4.00	150	Vertical	Pass
3	5180.000	100.64	-1.62	68.2	32.44	Peak	180.00	150	Vertical	N/A
3**	5180.000	93.92	-1.62	54.0	39.92	AV	180.00	150	Vertical	N/A
4	6000.000	56.76	0.12	68.2	-11.44	Peak	18.00	150	Vertical	Pass
4**	6000.000	41.42	0.12	54.0	-12.58	AV	18.00	150	Vertical	Pass
5	10278.000	49.29	7.29	68.2	-18.91	Peak	298.00	150	Vertical	Pass
5**	10278.000	39.97	7.29	54.0	-14.03	AV	298.00	150	Vertical	Pass
6	14601.000	55.23	12.44	68.2	-12.97	Peak	177.00	150	Vertical	Pass
6**	14601.000	46.42	12.44	54.0	-7.58	AV	177.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.000	41.42	-16.53	74.0	-32.58	Peak	240.00	150	Horizontal	Pass
1**	1596.000	25.68	-16.53	54.0	-28.32	AV	240.00	150	Horizontal	Pass
2	3192.000	49.33	-7.37	68.2	-18.87	Peak	133.00	150	Horizontal	Pass
2**	3192.000	31.09	-7.37	54.0	-22.91	AV	133.00	150	Horizontal	Pass
3	5220.000	98.91	-1.95	68.2	30.71	Peak	13.00	150	Horizontal	N/A
3**	5220.000	92.48	-1.95	54.0	38.48	AV	13.00	150	Horizontal	N/A
4	9499.750	48.05	4.62	74.0	-25.95	Peak	45.00	150	Horizontal	Pass
4**	9499.750	38.57	4.62	54.0	-15.43	AV	45.00	150	Horizontal	Pass
5	14603.750	54.53	12.38	68.2	-13.67	Peak	336.00	150	Horizontal	Pass
5**	14603.750	47.35	12.38	54.0	-6.65	AV	336.00	150	Horizontal	Pass
6	17903.749	59.28	17.26	74.0	-14.72	Peak	283.00	150	Horizontal	Pass
6**	17903.749	49.66	17.26	54.0	-4.34	AV	283.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.500	43.77	-16.54	74.0	-30.23	Peak	28.00	150	Vertical	Pass
1**	1594.500	24.79	-16.54	54.0	-29.21	AV	28.00	150	Vertical	Pass
2	3195.000	53.77	-6.81	68.2	-14.43	Peak	261.00	150	Vertical	Pass
2**	3195.000	34.28	-6.81	54.0	-19.72	AV	261.00	150	Vertical	Pass
3	5220.000	103.42	-1.69	68.2	35.22	Peak	193.00	150	Vertical	N/A
3**	5220.000	94.81	-1.69	54.0	40.81	AV	193.00	150	Vertical	N/A
4	6000.000	53.74	0.12	68.2	-14.46	Peak	28.00	150	Vertical	Pass
4**	6000.000	41.87	0.12	54.0	-12.13	AV	28.00	150	Vertical	Pass
5	9964.500	49.92	6.03	68.2	-18.28	Peak	0.00	150	Vertical	Pass
5**	9964.500	40.64	6.03	54.0	-13.36	AV	0.00	150	Vertical	Pass
6	14628.500	55.26	12.02	68.2	-12.94	Peak	1.00	150	Vertical	Pass
6**	14628.500	46.49	12.02	54.0	-7.51	AV	1.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	40.91	-16.52	74.0	-33.09	Peak	237.00	150	Horizontal	Pass
1**	1597.500	24.37	-16.52	54.0	-29.63	AV	237.00	150	Horizontal	Pass
2	3197.000	47.08	-6.66	68.2	-21.12	Peak	136.00	150	Horizontal	Pass
2**	3197.000	31.66	-6.66	54.0	-22.34	AV	136.00	150	Horizontal	Pass
3	5240.000	99.80	-2.37	68.2	31.60	Peak	210.00	150	Horizontal	N/A
3**	5240.000	92.37	-2.37	54.0	38.37	AV	210.00	150	Horizontal	N/A
4	10833.500	52.22	7.13	74.0	-21.78	Peak	121.00	150	Horizontal	Pass
4**	10833.500	41.26	7.13	54.0	-12.74	AV	121.00	150	Horizontal	Pass
5	14565.250	56.19	11.68	68.2	-12.01	Peak	46.00	150	Horizontal	Pass
5**	14565.250	45.55	11.68	54.0	-8.45	AV	46.00	150	Horizontal	Pass
6	17887.250	58.19	16.95	74.0	-15.81	Peak	1.00	150	Horizontal	Pass
6**	17887.250	48.77	16.95	54.0	-5.23	AV	1.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	43.99	-16.28	74.0	-30.01	Peak	338.00	150	Vertical	Pass
1**	1598.500	32.82	-16.28	54.0	-21.18	AV	338.00	150	Vertical	Pass
2	3196.000	52.19	-6.55	68.2	-16.01	Peak	0.00	150	Vertical	Pass
2**	3196.000	36.43	-6.55	54.0	-17.57	AV	0.00	150	Vertical	Pass
3	5240.000	103.11	-2.10	68.2	34.91	Peak	178.00	150	Vertical	N/A
3**	5240.000	96.13	-2.10	54.0	42.13	AV	178.00	150	Vertical	N/A
4	6000.000	52.76	0.12	68.2	-15.44	Peak	103.00	150	Vertical	Pass
4**	6000.000	41.33	0.12	54.0	-12.67	AV	103.00	150	Vertical	Pass
5	11356.000	50.43	6.90	74.0	-23.57	Peak	122.00	150	Vertical	Pass
5**	11356.000	40.28	6.90	54.0	-13.72	AV	122.00	150	Vertical	Pass
6	14361.750	54.57	13.11	68.2	-13.63	Peak	168.00	150	Vertical	Pass
6**	14361.750	44.47	13.11	54.0	-9.53	AV	168.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	39.47	-16.61	74.0	-34.53	Peak	274.00	150	Horizontal	Pass
1**	1596.500	27.76	-16.61	54.0	-26.24	AV	274.00	150	Horizontal	Pass
2	3189.000	46.82	-7.51	68.2	-21.38	Peak	76.00	150	Horizontal	Pass
2**	3189.000	31.00	-7.51	54.0	-23.00	AV	76.00	150	Horizontal	Pass
3	5190.000	95.92	-2.24	68.2	27.72	Peak	185.00	150	Horizontal	N/A
3**	5190.000	87.65	-2.24	54.0	33.65	AV	185.00	150	Horizontal	N/A
4	6772.000	52.37	2.43	68.2	-15.83	Peak	138.00	150	Horizontal	Pass
4**	6772.000	41.37	2.43	54.0	-12.63	AV	138.00	150	Horizontal	Pass
5	10712.500	50.23	6.90	74.0	-23.77	Peak	360.00	150	Horizontal	Pass
5**	10712.500	41.16	6.90	54.0	-12.84	AV	360.00	150	Horizontal	Pass
6	14518.500	55.09	11.87	68.2	-13.11	Peak	350.00	150	Horizontal	Pass
6**	14518.500	45.26	11.87	54.0	-8.74	AV	350.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	44.33	-16.46	74.0	-29.67	Peak	172.00	150	Vertical	Pass
1**	1597.000	27.11	-16.46	54.0	-26.89	AV	172.00	150	Vertical	Pass
2	3197.000	53.64	-6.66	68.2	-14.56	Peak	360.00	150	Vertical	Pass
2**	3197.000	34.93	-6.66	54.0	-19.07	AV	360.00	150	Vertical	Pass
3	5190.000	99.74	-2.24	68.2	31.54	Peak	251.00	150	Vertical	N/A
3**	5190.000	91.74	-2.24	54.0	37.74	AV	251.00	150	Vertical	N/A
4	5981.000	53.19	-1.22	68.2	-15.01	Peak	49.00	150	Vertical	Pass
4**	5981.000	39.46	-1.22	54.0	-14.54	AV	49.00	150	Vertical	Pass
5	14592.750	54.80	12.45	68.2	-13.40	Peak	158.00	150	Vertical	Pass
5**	14592.750	46.65	12.45	54.0	-7.35	AV	158.00	150	Vertical	Pass
6	17755.251	58.41	16.39	74.0	-15.59	Peak	296.00	150	Vertical	Pass
6**	17755.251	47.40	16.39	54.0	-6.60	AV	296.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.500	36.99	-16.07	74.0	-37.01	Peak	296.00	150	Horizontal	Pass
1**	1517.500	27.95	-16.07	54.0	-26.05	AV	296.00	150	Horizontal	Pass
2	3199.000	45.09	-6.82	68.2	-23.11	Peak	68.00	150	Horizontal	Pass
2**	3199.000	32.98	-6.82	54.0	-21.02	AV	68.00	150	Horizontal	Pass
3	5230.000	96.17	-2.18	68.2	27.97	Peak	360.00	150	Horizontal	N/A
3**	5230.000	89.11	-2.18	54.0	35.11	AV	360.00	150	Horizontal	N/A
4	6742.000	51.97	2.15	68.2	-16.23	Peak	200.00	150	Horizontal	Pass
4**	6742.000	41.69	2.15	54.0	-12.31	AV	200.00	150	Horizontal	Pass
5	10924.250	50.21	7.32	74.0	-23.79	Peak	181.00	150	Horizontal	Pass
5**	10924.250	40.13	7.32	54.0	-13.87	AV	181.00	150	Horizontal	Pass
6	14592.750	56.31	12.45	68.2	-11.89	Peak	0.00	150	Horizontal	Pass
6**	14592.750	46.29	12.45	54.0	-7.71	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2397.500	46.10	-11.69	68.2	-22.10	Peak	22.00	150	Vertical	Pass
1**	2397.500	30.93	-11.69	54.0	-23.07	AV	22.00	150	Vertical	Pass
2	3197.000	53.70	-6.66	68.2	-14.50	Peak	259.00	150	Vertical	Pass
2**	3197.000	36.22	-6.66	54.0	-17.78	AV	259.00	150	Vertical	Pass
3	5230.000	100.50	-1.99	68.2	32.30	Peak	179.00	150	Vertical	N/A
3**	5230.000	93.32	-1.99	54.0	39.32	AV	179.00	150	Vertical	N/A
4	5997.000	53.32	-0.24	68.2	-14.88	Peak	50.00	150	Vertical	Pass
4**	5997.000	40.41	-0.24	54.0	-13.59	AV	50.00	150	Vertical	Pass
5	11268.000	50.37	6.76	74.0	-23.63	Peak	125.00	150	Vertical	Pass
5**	11268.000	40.88	6.76	54.0	-13.12	AV	125.00	150	Vertical	Pass
6	14601.000	55.15	12.44	68.2	-13.05	Peak	246.00	150	Vertical	Pass
6**	14601.000	46.36	12.44	54.0	-7.64	AV	246.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	38.02	-16.52	74.0	-35.98	Peak	89.00	150	Horizontal	Pass
1**	1597.500	25.42	-16.52	54.0	-28.58	AV	89.00	150	Horizontal	Pass
2	3190.000	47.67	-7.42	68.2	-20.53	Peak	134.00	150	Horizontal	Pass
2**	3190.000	31.21	-7.42	54.0	-22.79	AV	134.00	150	Horizontal	Pass
3	5260.000	96.19	-2.34	68.2	27.99	Peak	360.00	150	Horizontal	N/A
3**	5260.000	88.33	-2.34	54.0	34.33	AV	360.00	150	Horizontal	N/A
4	10008.500	49.90	6.43	68.2	-18.30	Peak	360.00	150	Horizontal	Pass
4**	10008.500	39.31	6.43	54.0	-14.69	AV	360.00	150	Horizontal	Pass
5	14518.500	55.41	11.87	68.2	-12.79	Peak	360.00	150	Horizontal	Pass
5**	14518.500	44.96	11.87	54.0	-9.04	AV	360.00	150	Horizontal	Pass
6	17903.749	59.01	17.26	74.0	-14.99	Peak	360.00	150	Horizontal	Pass
6**	17903.749	50.57	17.26	54.0	-3.43	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.000	42.39	-16.51	74.0	-31.61	Peak	187.00	150	Vertical	Pass
1**	1598.000	26.16	-16.51	54.0	-27.84	AV	187.00	150	Vertical	Pass
2	3191.000	54.01	-7.49	68.2	-14.19	Peak	360.00	150	Vertical	Pass
2**	3191.000	38.33	-7.49	54.0	-15.67	AV	360.00	150	Vertical	Pass
3	5260.000	98.84	-1.99	68.2	30.64	Peak	187.00	150	Vertical	N/A
3**	5260.000	93.16	-1.99	54.0	39.16	AV	187.00	150	Vertical	N/A
4	5996.000	53.00	-0.26	68.2	-15.20	Peak	54.00	150	Vertical	Pass
4**	5996.000	40.74	-0.26	54.0	-13.26	AV	54.00	150	Vertical	Pass
5	14510.250	56.29	12.10	68.2	-11.91	Peak	173.00	150	Vertical	Pass
5**	14510.250	44.82	12.10	54.0	-9.18	AV	173.00	150	Vertical	Pass
6	17903.749	58.41	17.26	74.0	-15.59	Peak	305.00	150	Vertical	Pass
6**	17903.749	48.86	17.26	54.0	-5.14	AV	305.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1746.500	34.71	-16.07	68.2	-33.49	Peak	29.00	150	Horizontal	Pass
1**	1746.500	40.03	-16.07	54.0	-13.97	AV	29.00	150	Horizontal	Pass
2	3119.000	45.35	-6.29	68.2	-22.85	Peak	347.00	150	Horizontal	Pass
2**	3119.000	31.88	-6.29	54.0	-22.12	AV	347.00	150	Horizontal	Pass
3	5300.000	98.60	-2.38	68.2	30.40	Peak	360.00	150	Horizontal	N/A
3**	5300.000	91.64	-2.38	54.0	37.64	AV	360.00	150	Horizontal	N/A
4	9527.250	47.93	4.83	68.2	-20.27	Peak	219.00	150	Horizontal	Pass
4**	9527.250	39.54	4.83	54.0	-14.46	AV	219.00	150	Horizontal	Pass
5	14631.250	54.75	12.01	68.2	-13.45	Peak	288.00	150	Horizontal	Pass
5**	14631.250	46.45	12.01	54.0	-7.55	AV	288.00	150	Horizontal	Pass
6	17884.500	58.32	16.85	74.0	-15.68	Peak	133.00	150	Horizontal	Pass
6**	17884.500	49.11	16.85	54.0	-4.89	AV	133.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	44.59	-16.46	74.0	-29.41	Peak	326.00	150	Vertical	Pass
1**	1597.000	26.06	-16.46	54.0	-27.94	AV	326.00	150	Vertical	Pass
2	3200.000	52.34	-6.82	68.2	-15.86	Peak	350.00	150	Vertical	Pass
2**	3200.000	35.89	-6.82	54.0	-18.11	AV	350.00	150	Vertical	Pass
3	5300.000	102.43	-2.00	68.2	34.23	Peak	147.00	150	Vertical	N/A
3**	5300.000	93.37	-2.00	54.0	39.37	AV	147.00	150	Vertical	N/A
4	6000.000	53.95	0.12	68.2	-14.25	Peak	27.00	150	Vertical	Pass
4**	6000.000	40.92	0.12	54.0	-13.08	AV	27.00	150	Vertical	Pass
5	11399.999	51.28	7.19	74.0	-22.72	Peak	305.00	150	Vertical	Pass
5**	11399.999	41.20	7.19	54.0	-12.80	AV	305.00	150	Vertical	Pass
6	14620.250	54.60	12.08	68.2	-13.60	Peak	96.00	150	Vertical	Pass
6**	14620.250	46.08	12.08	54.0	-7.92	AV	96.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.500	39.39	-16.43	74.0	-34.61	Peak	237.00	150	Horizontal	Pass
1**	1595.500	26.31	-16.43	54.0	-27.69	AV	237.00	150	Horizontal	Pass
2	3170.000	44.53	-6.96	68.2	-23.67	Peak	1.00	150	Horizontal	Pass
2**	3170.000	31.30	-6.96	54.0	-22.70	AV	1.00	150	Horizontal	Pass
3	5323.000	98.25	-2.11	68.2	30.05	Peak	14.00	150	Horizontal	N/A
3**	5323.000	90.92	-2.11	54.0	36.92	AV	14.00	150	Horizontal	N/A
4	8259.500	45.75	1.92	74.0	-28.25	Peak	327.00	150	Horizontal	Pass
4**	8259.500	35.94	1.92	54.0	-18.06	AV	327.00	150	Horizontal	Pass
5	14592.750	55.08	12.45	68.2	-13.12	Peak	360.00	150	Horizontal	Pass
5**	14592.750	45.96	12.45	54.0	-8.04	AV	360.00	150	Horizontal	Pass
6	17884.500	58.34	16.85	74.0	-15.66	Peak	360.00	150	Horizontal	Pass
6**	17884.500	49.74	16.85	54.0	-4.26	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	42.49	-16.46	74.0	-31.51	Peak	180.00	150	Vertical	Pass
1**	1597.000	24.60	-16.46	54.0	-29.40	AV	180.00	150	Vertical	Pass
2	3188.000	53.28	-7.32	68.2	-14.92	Peak	360.00	150	Vertical	Pass
2**	3188.000	32.26	-7.32	54.0	-21.74	AV	360.00	150	Vertical	Pass
3	5320.000	100.61	-2.21	68.2	32.41	Peak	148.00	150	Vertical	N/A
3**	5320.000	93.99	-2.21	54.0	39.99	AV	148.00	150	Vertical	N/A
4	11334.000	50.93	6.68	74.0	-23.07	Peak	37.00	150	Vertical	Pass
4**	11334.000	40.36	6.68	54.0	-13.64	AV	37.00	150	Vertical	Pass
5	14562.500	55.63	11.59	68.2	-12.57	Peak	73.00	150	Vertical	Pass
5**	14562.500	45.60	11.59	54.0	-8.40	AV	73.00	150	Vertical	Pass
6	17901.001	59.08	17.44	74.0	-14.92	Peak	143.00	150	Vertical	Pass
6**	17901.001	48.36	17.44	54.0	-5.64	AV	143.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2013.500	48.35	-14.27	68.2	-19.85	Peak	145.00	150	Horizontal	Pass
1**	2013.500	35.88	-14.27	54.0	-18.12	AV	145.00	150	Horizontal	Pass
2	3939.000	44.98	-4.40	74.0	-29.02	Peak	62.00	150	Horizontal	Pass
2**	3939.000	33.64	-4.40	54.0	-20.36	AV	62.00	150	Horizontal	Pass
3	5260.000	98.16	-2.16	68.2	29.96	Peak	360.00	150	Horizontal	N/A
3**	5260.000	91.09	-2.16	54.0	37.09	AV	360.00	150	Horizontal	N/A
4	9282.500	48.55	3.84	68.2	-19.65	Peak	188.00	150	Horizontal	Pass
4**	9282.500	39.40	3.84	54.0	-14.60	AV	188.00	150	Horizontal	Pass
5	14576.250	55.47	12.06	68.2	-12.73	Peak	188.00	150	Horizontal	Pass
5**	14576.250	46.42	12.06	54.0	-7.58	AV	188.00	150	Horizontal	Pass
6	17912.001	58.70	16.45	74.0	-15.30	Peak	188.00	150	Horizontal	Pass
6**	17912.001	48.50	16.45	54.0	-5.50	AV	188.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2394.000	44.23	-11.87	68.2	-23.97	Peak	360.00	150	Vertical	Pass
1**	2394.000	32.72	-11.87	54.0	-21.28	AV	360.00	150	Vertical	Pass
2	3191.000	50.43	-7.49	68.2	-17.77	Peak	79.00	150	Vertical	Pass
2**	3191.000	32.99	-7.49	54.0	-21.01	AV	79.00	150	Vertical	Pass
3	5260.000	102.02	-2.16	68.2	33.82	Peak	188.00	150	Vertical	N/A
3**	5260.000	94.85	-2.16	54.0	40.85	AV	188.00	150	Vertical	N/A
4	9191.750	48.86	3.64	74.0	-25.14	Peak	173.00	150	Vertical	Pass
4**	9191.750	37.50	3.64	54.0	-16.50	AV	173.00	150	Vertical	Pass
5	14595.500	55.38	12.45	68.2	-12.82	Peak	210.00	150	Vertical	Pass
5**	14595.500	46.83	12.45	54.0	-7.17	AV	210.00	150	Vertical	Pass
6	17901.001	58.51	17.44	74.0	-15.49	Peak	302.00	150	Vertical	Pass
6**	17901.001	49.22	17.44	54.0	-4.78	AV	302.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2266.000	42.25	-12.24	74.0	-31.75	Peak	258.00	150	Horizontal	Pass
1**	2266.000	27.75	-12.24	54.0	-26.25	AV	258.00	150	Horizontal	Pass
2	3189.000	47.27	-7.51	68.2	-20.93	Peak	146.00	150	Horizontal	Pass
2**	3189.000	30.82	-7.51	54.0	-23.18	AV	146.00	150	Horizontal	Pass
3	5300.000	97.92	-2.29	68.2	29.72	Peak	15.00	150	Horizontal	N/A
3**	5300.000	92.53	-2.29	54.0	38.53	AV	15.00	150	Horizontal	N/A
4	9406.250	47.75	4.10	74.0	-26.25	Peak	194.00	150	Horizontal	Pass
4**	9406.250	38.24	4.10	54.0	-15.76	AV	194.00	150	Horizontal	Pass
5	14598.250	55.43	12.46	68.2	-12.77	Peak	156.00	150	Horizontal	Pass
5**	14598.250	46.31	12.46	54.0	-7.69	AV	156.00	150	Horizontal	Pass
6	17906.500	59.16	17.08	74.0	-14.84	Peak	212.00	150	Horizontal	Pass
6**	17906.500	49.50	17.08	54.0	-4.50	AV	212.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1746.000	43.63	-15.99	68.2	-24.57	Peak	125.00	150	Vertical	Pass
1**	1746.000	25.04	-15.99	54.0	-28.96	AV	125.00	150	Vertical	Pass
2	3197.000	52.41	-6.66	68.2	-15.79	Peak	360.00	150	Vertical	Pass
2**	3197.000	33.25	-6.66	54.0	-20.75	AV	360.00	150	Vertical	Pass
3	5300.000	102.06	-2.04	68.2	33.86	Peak	195.00	150	Vertical	N/A
3**	5300.000	95.26	-2.04	54.0	41.26	AV	195.00	150	Vertical	N/A
4	10751.000	50.21	7.25	74.0	-23.79	Peak	240.00	150	Vertical	Pass
4**	10751.000	40.33	7.25	54.0	-13.67	AV	240.00	150	Vertical	Pass
5	14587.250	55.25	12.38	68.2	-12.95	Peak	221.00	150	Vertical	Pass
5**	14587.250	46.42	12.38	54.0	-7.58	AV	221.00	150	Vertical	Pass
6	17876.251	58.10	16.59	74.0	-15.90	Peak	203.00	150	Vertical	Pass
6**	17876.251	47.72	16.59	54.0	-6.28	AV	203.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	40.50	-16.52	74.0	-33.50	Peak	235.00	150	Horizontal	Pass
1**	1597.500	24.23	-16.52	54.0	-29.77	AV	235.00	150	Horizontal	Pass
2	2479.500	46.72	-11.57	68.2	-21.48	Peak	196.00	150	Horizontal	Pass
2**	2479.500	26.49	-11.57	54.0	-27.51	AV	196.00	150	Horizontal	Pass
3	5320.000	97.30	-2.24	68.2	29.10	Peak	13.00	150	Horizontal	N/A
3**	5320.000	90.31	-2.24	54.0	36.31	AV	13.00	150	Horizontal	N/A
4	9373.250	48.83	3.98	74.0	-25.17	Peak	63.00	150	Horizontal	Pass
4**	9373.250	38.96	3.98	54.0	-15.04	AV	63.00	150	Horizontal	Pass
5	14606.500	55.70	12.32	68.2	-12.50	Peak	102.00	150	Horizontal	Pass
5**	14606.500	46.31	12.32	54.0	-7.69	AV	102.00	150	Horizontal	Pass
6	17892.749	58.42	17.17	74.0	-15.58	Peak	140.00	150	Horizontal	Pass
6**	17892.749	49.29	17.17	54.0	-4.71	AV	140.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	45.97	-16.46	74.0	-28.03	Peak	345.00	150	Vertical	Pass
1**	1597.000	26.36	-16.46	54.0	-27.64	AV	345.00	150	Vertical	Pass
2	2391.500	46.18	-12.12	68.2	-22.02	Peak	14.00	150	Vertical	Pass
2**	2391.500	29.64	-12.12	54.0	-24.36	AV	14.00	150	Vertical	Pass
3	3191.000	52.67	-7.49	68.2	-15.53	Peak	1.00	150	Vertical	Pass
3**	3191.000	31.71	-7.49	54.0	-22.29	AV	1.00	150	Vertical	Pass
4	5320.000	100.32	-1.92	68.2	32.12	Peak	178.00	150	Vertical	N/A
4**	5320.000	93.06	-1.92	54.0	39.06	AV	178.00	150	Vertical	N/A
5	10784.000	50.62	7.41	74.0	-23.38	Peak	70.00	150	Vertical	Pass
5**	10784.000	40.28	7.41	54.0	-13.72	AV	70.00	150	Vertical	Pass
6	14606.500	54.58	12.32	68.2	-13.62	Peak	302.00	150	Vertical	Pass
6**	14606.500	45.61	12.32	54.0	-8.39	AV	302.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1272.500	37.08	-16.16	68.2	-31.12	Peak	113.00	150	Horizontal	Pass
1**	1272.500	24.06	-16.16	54.0	-29.94	AV	113.00	150	Horizontal	Pass
2	3197.000	48.67	-6.66	68.2	-19.53	Peak	93.00	150	Horizontal	Pass
2**	3197.000	33.20	-6.66	54.0	-20.80	AV	93.00	150	Horizontal	Pass
3	5270.000	97.08	-2.13	68.2	28.88	Peak	14.00	150	Horizontal	N/A
3**	5270.000	89.29	-2.13	54.0	35.29	AV	14.00	150	Horizontal	N/A
4	9285.250	47.47	3.92	68.2	-20.73	Peak	268.00	150	Horizontal	Pass
4**	9285.250	38.74	3.92	54.0	-15.26	AV	268.00	150	Horizontal	Pass
5	14425.000	55.16	10.78	68.2	-13.04	Peak	109.00	150	Horizontal	Pass
5**	14425.000	45.03	10.78	54.0	-8.97	AV	109.00	150	Horizontal	Pass
6	17909.250	59.38	16.90	74.0	-14.62	Peak	307.00	150	Horizontal	Pass
6**	17909.250	48.35	16.90	54.0	-5.65	AV	307.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	42.21	-16.48	74.0	-31.79	Peak	148.00	150	Vertical	Pass
1**	1595.000	28.19	-16.48	54.0	-25.81	AV	148.00	150	Vertical	Pass
2	2400.000	46.65	-11.99	68.2	-21.55	Peak	359.00	150	Vertical	Pass
2**	2400.000	33.43	-11.99	54.0	-20.57	AV	359.00	150	Vertical	Pass
3	3193.000	51.87	-7.46	68.2	-16.33	Peak	360.00	150	Vertical	Pass
3**	3193.000	37.09	-7.46	54.0	-16.91	AV	360.00	150	Vertical	Pass
4	5270.000	100.54	-1.91	68.2	32.34	Peak	190.00	150	Vertical	N/A
4**	5270.000	93.79	-1.91	54.0	39.79	AV	190.00	150	Vertical	N/A
5	11537.500	50.82	6.91	74.0	-23.18	Peak	174.00	150	Vertical	Pass
5**	11537.500	40.76	6.91	54.0	-13.24	AV	174.00	150	Vertical	Pass
6	14543.250	54.68	11.38	68.2	-13.52	Peak	116.00	150	Vertical	Pass
6**	14543.250	46.04	11.38	54.0	-7.96	AV	116.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	37.88	-16.28	74.0	-36.12	Peak	122.00	150	Horizontal	Pass
1**	1598.500	24.04	-16.28	54.0	-29.96	AV	122.00	150	Horizontal	Pass
2	3195.000	46.11	-6.81	68.2	-22.09	Peak	130.00	150	Horizontal	Pass
2**	3195.000	31.36	-6.81	54.0	-22.64	AV	130.00	150	Horizontal	Pass
3	5310.000	95.95	-1.77	68.2	27.75	Peak	14.00	150	Horizontal	N/A
3**	5310.000	89.61	-1.77	54.0	35.61	AV	14.00	150	Horizontal	N/A
4	9516.250	48.10	4.78	68.2	-20.10	Peak	88.00	150	Horizontal	Pass
4**	9516.250	38.79	4.78	54.0	-15.21	AV	88.00	150	Horizontal	Pass
5	14603.750	55.17	12.38	68.2	-13.03	Peak	1.00	150	Horizontal	Pass
5**	14603.750	47.53	12.38	54.0	-6.47	AV	1.00	150	Horizontal	Pass
6	17755.251	57.24	16.39	74.0	-16.76	Peak	48.00	150	Horizontal	Pass
6**	17755.251	48.78	16.39	54.0	-5.22	AV	48.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	39.79	-16.48	74.0	-34.21	Peak	236.00	150	Vertical	Pass
1**	1595.000	28.12	-16.48	54.0	-25.88	AV	236.00	150	Vertical	Pass
2	3195.000	51.94	-6.81	68.2	-16.26	Peak	345.00	150	Vertical	Pass
2**	3195.000	33.23	-6.81	54.0	-20.77	AV	345.00	150	Vertical	Pass
3	5310.000	99.35	-2.30	68.2	31.15	Peak	190.00	150	Vertical	N/A
3**	5310.000	91.25	-2.30	54.0	37.25	AV	190.00	150	Vertical	N/A
4	8540.000	47.62	2.68	68.2	-20.58	Peak	73.00	150	Vertical	Pass
4**	8540.000	37.49	2.68	54.0	-16.51	AV	73.00	150	Vertical	Pass
5	14590.000	55.05	12.45	68.2	-13.15	Peak	114.00	150	Vertical	Pass
5**	14590.000	47.61	12.45	54.0	-6.39	AV	114.00	150	Vertical	Pass
6	17903.749	58.47	17.26	74.0	-15.53	Peak	360.00	150	Vertical	Pass
6**	17903.749	50.25	17.26	54.0	-3.75	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1996.500	39.52	-14.03	68.2	-28.68	Peak	79.00	150	Horizontal	Pass
1**	1996.500	25.82	-14.03	54.0	-28.18	AV	79.00	150	Horizontal	Pass
2	2791.500	43.43	-10.77	74.0	-30.57	Peak	142.00	150	Horizontal	Pass
2**	2791.500	25.76	-10.77	54.0	-28.24	AV	142.00	150	Horizontal	Pass
3	5500.000	94.81	-1.39	68.2	26.61	Peak	16.00	150	Horizontal	N/A
3**	5500.000	87.46	-1.39	54.0	33.46	AV	16.00	150	Horizontal	N/A
4	6648.000	52.28	2.02	68.2	-15.92	Peak	16.00	150	Horizontal	Pass
4**	6648.000	40.18	2.02	54.0	-13.82	AV	16.00	150	Horizontal	Pass
5	14573.500	54.31	11.96	68.2	-13.89	Peak	360.00	150	Horizontal	Pass
5**	14573.500	45.51	11.96	54.0	-8.49	AV	360.00	150	Horizontal	Pass
6	17898.250	58.79	17.43	74.0	-15.21	Peak	1.00	150	Horizontal	Pass
6**	17898.250	48.59	17.43	54.0	-5.41	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.500	45.00	-16.54	74.0	-29.00	Peak	344.00	150	Vertical	Pass
1**	1594.500	25.13	-16.54	54.0	-28.87	AV	344.00	150	Vertical	Pass
2	3193.000	52.87	-7.46	68.2	-15.33	Peak	1.00	150	Vertical	Pass
2**	3193.000	32.30	-7.46	54.0	-21.70	AV	1.00	150	Vertical	Pass
3	5500.000	98.12	-1.65	68.2	29.92	Peak	196.00	150	Vertical	N/A
3**	5500.000	90.34	-1.65	54.0	36.34	AV	196.00	150	Vertical	N/A
4	10080.000	48.95	6.50	68.2	-19.25	Peak	1.00	150	Vertical	Pass
4**	10080.000	40.10	6.50	54.0	-13.90	AV	1.00	150	Vertical	Pass
5	14581.750	55.50	12.24	68.2	-12.70	Peak	41.00	150	Vertical	Pass
5**	14581.750	47.23	12.24	54.0	-6.77	AV	41.00	150	Vertical	Pass
6	17760.750	58.39	16.39	74.0	-15.61	Peak	1.00	150	Vertical	Pass
6**	17760.750	47.14	16.39	54.0	-6.86	AV	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	39.15	-16.48	74.0	-34.85	Peak	134.00	150	Horizontal	Pass
1**	1595.000	25.48	-16.48	54.0	-28.52	AV	134.00	150	Horizontal	Pass
2	3192.000	50.46	-7.37	68.2	-17.74	Peak	97.00	150	Horizontal	Pass
2**	3192.000	33.75	-7.37	54.0	-20.25	AV	97.00	150	Horizontal	Pass
3	5580.000	94.11	-1.82	68.2	25.91	Peak	327.00	150	Horizontal	N/A
3**	5580.000	87.11	-1.82	54.0	33.11	AV	327.00	150	Horizontal	N/A
4	10704.250	50.19	6.73	74.0	-23.81	Peak	50.00	150	Horizontal	Pass
4**	10704.250	39.94	6.73	54.0	-14.06	AV	50.00	150	Horizontal	Pass
5	14628.500	56.08	12.02	68.2	-12.12	Peak	176.00	150	Horizontal	Pass
5**	14628.500	45.83	12.02	54.0	-8.17	AV	176.00	150	Horizontal	Pass
6	17716.750	58.00	16.18	74.0	-16.00	Peak	323.00	150	Horizontal	Pass
6**	17716.750	46.75	16.18	54.0	-7.25	AV	323.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.000	42.60	-16.51	74.0	-31.40	Peak	187.00	150	Vertical	Pass
1**	1598.000	29.56	-16.51	54.0	-24.44	AV	87.00	150	Vertical	Pass
2	3192.000	51.98	-7.37	68.2	-16.22	Peak	1.00	150	Vertical	Pass
2**	3192.000	31.84	-7.37	54.0	-22.16	AV	1.00	150	Vertical	Pass
3	5580.000	96.36	-1.64	68.2	28.16	Peak	176.00	150	Vertical	N/A
3**	5580.000	88.01	-1.64	54.0	34.01	AV	176.00	150	Vertical	N/A
4	9296.250	48.60	4.32	68.2	-19.60	Peak	360.00	150	Vertical	Pass
4**	9296.250	39.01	4.32	54.0	-14.99	AV	360.00	150	Vertical	Pass
5	14567.999	55.50	11.77	68.2	-12.70	Peak	248.00	150	Vertical	Pass
5**	14567.999	46.94	11.77	54.0	-7.06	AV	248.00	150	Vertical	Pass
6	17895.500	58.94	17.30	74.0	-15.06	Peak	360.00	150	Vertical	Pass
6**	17895.500	49.84	17.30	54.0	-4.16	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2211.500	41.95	-11.95	74.0	-32.05	Peak	189.00	150	Horizontal	Pass
1**	2211.500	25.50	-11.95	54.0	-28.50	AV	189.00	150	Horizontal	Pass
2	3191.000	46.24	-7.49	68.2	-21.96	Peak	105.00	150	Horizontal	Pass
2**	3191.000	30.50	-7.49	54.0	-23.50	AV	105.00	150	Horizontal	Pass
3	5700.000	95.41	-1.29	68.2	27.21	Peak	213.00	150	Horizontal	N/A
3**	5700.000	87.40	-1.29	54.0	33.40	AV	213.00	150	Horizontal	N/A
4	9274.250	48.02	3.63	68.2	-20.18	Peak	101.00	150	Horizontal	Pass
4**	9274.250	38.92	3.63	54.0	-15.08	AV	101.00	150	Horizontal	Pass
5	11361.500	50.62	6.94	74.0	-23.38	Peak	360.00	150	Horizontal	Pass
5**	11361.500	42.15	6.94	54.0	-11.85	AV	360.00	150	Horizontal	Pass
6	14592.750	55.83	12.45	68.2	-12.37	Peak	338.00	150	Horizontal	Pass
6**	14592.750	46.79	12.45	54.0	-7.21	AV	338.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2394.500	48.05	-11.80	68.2	-20.15	Peak	7.00	150	Vertical	Pass
1**	2394.500	28.05	-11.80	54.0	-25.95	AV	7.00	150	Vertical	Pass
2	3198.000	53.09	-6.78	68.2	-15.11	Peak	360.00	150	Vertical	Pass
2**	3198.000	36.92	-6.78	54.0	-17.08	AV	360.00	150	Vertical	Pass
3	5700.000	95.88	-1.11	68.2	27.68	Peak	185.00	150	Vertical	N/A
3**	5700.000	89.08	-1.11	54.0	35.08	AV	185.00	150	Vertical	N/A
4	6000.000	55.71	0.12	68.2	-12.49	Peak	18.00	150	Vertical	Pass
4**	6000.000	40.04	0.12	54.0	-13.96	AV	18.00	150	Vertical	Pass
5	10814.250	50.23	7.17	74.0	-23.77	Peak	303.00	150	Vertical	Pass
5**	10814.250	39.50	7.17	54.0	-14.50	AV	303.00	150	Vertical	Pass
6	14612.000	54.86	12.21	68.2	-13.34	Peak	46.00	150	Vertical	Pass
6**	14612.000	45.10	12.21	54.0	-8.90	AV	46.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	38.01	-16.46	74.0	-35.99	Peak	220.00	150	Horizontal	Pass
1**	1597.000	24.49	-16.46	54.0	-29.51	AV	220.00	150	Horizontal	Pass
2	3195.000	45.77	-6.81	68.2	-22.43	Peak	105.00	150	Horizontal	Pass
2**	3195.000	32.23	-6.81	54.0	-21.77	AV	105.00	150	Horizontal	Pass
3	5500.000	96.44	-1.39	68.2	28.24	Peak	215.00	150	Horizontal	N/A
3**	5500.000	88.73	-1.39	54.0	34.73	AV	215.00	150	Horizontal	N/A
4	10638.250	49.81	6.84	74.0	-24.19	Peak	126.00	150	Horizontal	Pass
4**	10638.250	39.77	6.84	54.0	-14.23	AV	126.00	150	Horizontal	Pass
5	14562.500	55.24	11.59	68.2	-12.96	Peak	342.00	150	Horizontal	Pass
5**	14562.500	45.43	11.59	54.0	-8.57	AV	342.00	150	Horizontal	Pass
6	17898.250	58.10	17.43	74.0	-15.90	Peak	1.00	150	Horizontal	Pass
6**	17898.250	49.77	17.43	54.0	-4.23	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.000	44.46	-16.51	74.0	-29.54	Peak	174.00	150	Vertical	Pass
1**	1598.000	24.59	-16.51	54.0	-29.41	AV	174.00	150	Vertical	Pass
2	3193.000	52.78	-7.46	68.2	-15.42	Peak	1.00	150	Vertical	Pass
2**	3193.000	36.52	-7.46	54.0	-17.48	AV	1.00	150	Vertical	Pass
3	5500.000	98.26	-1.39	68.2	30.06	Peak	190.00	150	Vertical	N/A
3**	5500.000	91.77	-1.39	54.0	37.77	AV	190.00	150	Vertical	N/A
4	10082.750	49.24	6.43	68.2	-18.96	Peak	169.00	150	Vertical	Pass
4**	10082.750	40.17	6.43	54.0	-13.83	AV	169.00	150	Vertical	Pass
5	14383.750	54.87	12.28	68.2	-13.33	Peak	192.00	150	Vertical	Pass
5**	14383.750	44.37	12.28	54.0	-9.63	AV	192.00	150	Vertical	Pass
6	17892.749	58.37	17.17	74.0	-15.63	Peak	126.00	150	Vertical	Pass
6**	17892.749	49.67	17.17	54.0	-4.33	AV	126.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.000	40.09	-16.53	74.0	-33.91	Peak	227.00	150	Horizontal	Pass
1**	1596.000	24.89	-16.53	54.0	-29.11	AV	227.00	150	Horizontal	Pass
2	3189.000	46.73	-7.51	68.2	-21.47	Peak	142.00	150	Horizontal	Pass
2**	3189.000	31.09	-7.51	54.0	-22.91	AV	142.00	150	Horizontal	Pass
3	5580.000	93.99	-1.84	68.2	25.79	Peak	301.00	150	Horizontal	N/A
3**	5580.000	87.13	-1.84	54.0	33.13	AV	301.00	150	Horizontal	N/A
4	9227.500	47.45	3.71	68.2	-20.75	Peak	360.00	150	Horizontal	Pass
4**	9227.500	37.74	3.71	54.0	-16.26	AV	360.00	150	Horizontal	Pass
5	14433.250	54.76	10.66	68.2	-13.44	Peak	310.00	150	Horizontal	Pass
5**	14433.250	44.78	10.66	54.0	-9.22	AV	310.00	150	Horizontal	Pass
6	17769.001	57.92	15.11	74.0	-16.08	Peak	21.00	150	Horizontal	Pass
6**	17769.001	47.48	15.11	54.0	-6.52	AV	21.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	44.40	-16.61	74.0	-29.60	Peak	340.00	150	Vertical	Pass
1**	1596.500	24.55	-16.61	54.0	-29.45	AV	340.00	150	Vertical	Pass
2	3193.000	52.82	-7.46	68.2	-15.38	Peak	360.00	150	Vertical	Pass
2**	3193.000	33.81	-7.46	54.0	-20.19	AV	360.00	150	Vertical	Pass
3	5580.000	98.63	-1.81	68.2	30.43	Peak	210.00	150	Vertical	N/A
3**	5580.000	90.29	-1.81	54.0	36.29	AV	210.00	150	Vertical	N/A
4	6000.000	52.29	0.12	68.2	-15.91	Peak	105.00	150	Vertical	Pass
4**	6000.000	40.72	0.12	54.0	-13.28	AV	105.00	150	Vertical	Pass
5	11169.000	50.10	7.21	74.0	-23.90	Peak	130.00	150	Vertical	Pass
5**	11169.000	39.62	7.21	54.0	-14.38	AV	130.00	150	Vertical	Pass
6	14592.750	55.74	12.45	68.2	-12.46	Peak	297.00	150	Vertical	Pass
6**	14592.750	47.05	12.45	54.0	-6.95	AV	297.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.500	39.83	-16.43	74.0	-34.17	Peak	229.00	150	Horizontal	Pass
1**	1595.500	24.50	-16.43	54.0	-29.50	AV	229.00	150	Horizontal	Pass
2	3407.000	43.35	-6.66	68.2	-24.85	Peak	42.00	150	Horizontal	Pass
2**	3407.000	31.52	-6.66	54.0	-22.48	AV	42.00	150	Horizontal	Pass
3	5700.000	93.82	-0.55	68.2	25.62	Peak	337.00	150	Horizontal	N/A
3**	5700.000	87.04	-0.55	54.0	33.04	AV	337.00	150	Horizontal	N/A
4	9304.500	48.23	4.55	74.0	-25.77	Peak	0.00	150	Horizontal	Pass
4**	9304.500	39.38	4.55	54.0	-14.62	AV	0.00	150	Horizontal	Pass
5	14386.500	55.08	12.19	68.2	-13.12	Peak	0.00	150	Horizontal	Pass
5**	14386.500	44.13	12.19	54.0	-9.87	AV	0.00	150	Horizontal	Pass
6	17906.500	58.54	17.08	74.0	-15.46	Peak	0.00	150	Horizontal	Pass
6**	17906.500	48.47	17.08	54.0	-5.53	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	40.05	-16.46	74.0	-33.95	Peak	326.00	150	Vertical	Pass
1**	1597.000	24.46	-16.46	54.0	-29.54	AV	326.00	150	Vertical	Pass
2	3191.000	52.10	-7.49	68.2	-16.10	Peak	358.00	150	Vertical	Pass
2**	3191.000	31.56	-7.49	54.0	-22.44	AV	358.00	150	Vertical	Pass
3	5700.000	97.13	-1.61	68.2	28.93	Peak	205.00	150	Vertical	N/A
3**	5700.000	87.82	-1.61	54.0	33.82	AV	205.00	150	Vertical	N/A
4	8746.250	47.54	3.47	68.2	-20.66	Peak	247.00	150	Vertical	Pass
4**	8746.250	36.97	3.47	54.0	-17.03	AV	247.00	150	Vertical	Pass
5	14584.500	55.00	12.31	68.2	-13.20	Peak	294.00	150	Vertical	Pass
5**	14584.500	46.30	12.31	54.0	-7.70	AV	294.00	150	Vertical	Pass
6	17898.250	58.74	17.43	74.0	-15.26	Peak	86.00	150	Vertical	Pass
6**	17898.250	48.95	17.43	54.0	-5.05	AV	86.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.000	41.62	-16.63	74.0	-32.38	Peak	232.00	150	Horizontal	Pass
1**	1594.000	23.67	-16.63	54.0	-30.33	AV	232.00	150	Horizontal	Pass
2	3195.000	46.10	-6.81	68.2	-22.10	Peak	137.00	150	Horizontal	Pass
2**	3195.000	33.08	-6.81	54.0	-20.92	AV	137.00	150	Horizontal	Pass
3	5510.000	93.27	-1.42	68.2	25.07	Peak	1.00	150	Horizontal	N/A
3**	5510.000	84.72	-1.42	54.0	30.72	AV	1.00	150	Horizontal	N/A
4	8606.000	46.19	2.58	68.2	-22.01	Peak	249.00	150	Horizontal	Pass
4**	8606.000	36.11	2.58	54.0	-17.89	AV	249.00	150	Horizontal	Pass
5	14576.250	54.97	12.06	68.2	-13.23	Peak	179.00	150	Horizontal	Pass
5**	14576.250	46.38	12.06	54.0	-7.62	AV	179.00	150	Horizontal	Pass
6	17887.250	59.06	16.95	74.0	-14.94	Peak	109.00	150	Horizontal	Pass
6**	17887.250	49.57	16.95	54.0	-4.43	AV	109.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.000	46.58	-16.51	74.0	-27.42	Peak	338.00	150	Vertical	Pass
1**	1598.000	29.10	-16.51	54.0	-24.90	AV	338.00	150	Vertical	Pass
2	3188.000	53.99	-7.32	68.2	-14.21	Peak	2.00	150	Vertical	Pass
2**	3188.000	32.17	-7.32	54.0	-21.83	AV	2.00	150	Vertical	Pass
3	5510.000	95.57	-1.39	68.2	27.37	Peak	180.00	150	Vertical	N/A
3**	5510.000	88.29	-1.39	54.0	34.29	AV	180.00	150	Vertical	N/A
4	6000.000	54.75	0.12	68.2	-13.45	Peak	22.00	150	Vertical	Pass
4**	6000.000	40.57	0.12	54.0	-13.43	AV	22.00	150	Vertical	Pass
5	9950.750	49.54	6.10	68.2	-18.66	Peak	225.00	150	Vertical	Pass
5**	9950.750	39.42	6.10	54.0	-14.58	AV	225.00	150	Vertical	Pass
6	14614.750	54.95	12.17	68.2	-13.25	Peak	108.00	150	Vertical	Pass
6**	14614.750	46.44	12.17	54.0	-7.56	AV	108.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.000	38.33	-16.63	74.0	-35.67	Peak	221.00	150	Horizontal	Pass
1**	1594.000	24.07	-16.63	54.0	-29.93	AV	221.00	150	Horizontal	Pass
2	3197.000	49.89	-6.66	68.2	-18.31	Peak	90.00	150	Horizontal	Pass
2**	3197.000	31.51	-6.66	54.0	-22.49	AV	90.00	150	Horizontal	Pass
3	5590.000	91.43	-1.64	68.2	23.23	Peak	326.00	150	Horizontal	N/A
3**	5590.000	84.86	-1.64	54.0	30.86	AV	326.00	150	Horizontal	N/A
4	10267.000	49.74	7.38	68.2	-18.46	Peak	357.00	150	Horizontal	Pass
4**	10267.000	39.93	7.38	54.0	-14.07	AV	357.00	150	Horizontal	Pass
5	14576.250	54.72	12.06	68.2	-13.48	Peak	1.00	150	Horizontal	Pass
5**	14576.250	46.17	12.06	54.0	-7.83	AV	1.00	150	Horizontal	Pass
6	17876.251	58.12	16.59	74.0	-15.88	Peak	81.00	150	Horizontal	Pass
6**	17876.251	48.62	16.59	54.0	-5.38	AV	81.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.000	43.27	-16.46	74.0	-30.73	Peak	335.00	150	Vertical	Pass
1**	1600.000	25.99	-16.46	54.0	-28.01	AV	335.00	150	Vertical	Pass
2	3198.000	52.99	-6.78	68.2	-15.21	Peak	1.00	150	Vertical	Pass
2**	3198.000	33.51	-6.78	54.0	-20.49	AV	1.00	150	Vertical	Pass
3	5590.000	93.37	-1.64	68.2	25.17	Peak	150.00	150	Vertical	N/A
3**	5590.000	86.92	-1.64	54.0	32.92	AV	150.00	150	Vertical	N/A
4	10085.500	49.16	6.35	68.2	-19.04	Peak	210.00	150	Vertical	Pass
4**	10085.500	39.54	6.35	54.0	-14.46	AV	210.00	150	Vertical	Pass
5	14590.000	56.01	12.45	68.2	-12.19	Peak	92.00	150	Vertical	Pass
5**	14590.000	46.78	12.45	54.0	-7.22	AV	92.00	150	Vertical	Pass
6	17895.500	58.25	17.30	74.0	-15.75	Peak	67.00	150	Vertical	Pass
6**	17895.500	49.33	17.30	54.0	-4.67	AV	67.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.000	41.72	-16.21	74.0	-32.28	Peak	243.00	150	Horizontal	Pass
1**	1599.000	26.13	-16.21	54.0	-27.87	AV	243.00	150	Horizontal	Pass
2	3192.000	45.58	-7.37	68.2	-22.62	Peak	244.00	150	Horizontal	Pass
2**	3192.000	31.61	-7.37	54.0	-22.39	AV	244.00	150	Horizontal	Pass
3	5670.000	90.61	-1.55	68.2	22.41	Peak	357.00	150	Horizontal	N/A
3**	5670.000	83.94	-1.55	54.0	29.94	AV	357.00	150	Horizontal	N/A
4	10294.500	50.04	7.29	68.2	-18.16	Peak	190.00	150	Horizontal	Pass
4**	10294.500	40.39	7.29	54.0	-13.61	AV	190.00	150	Horizontal	Pass
5	14603.750	55.32	12.38	68.2	-12.88	Peak	360.00	150	Horizontal	Pass
5**	14603.750	46.20	12.38	54.0	-7.80	AV	360.00	150	Horizontal	Pass
6	17901.001	58.28	17.44	74.0	-15.72	Peak	142.00	150	Horizontal	Pass
6**	17901.001	49.40	17.44	54.0	-4.60	AV	142.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	42.50	-16.48	74.0	-31.50	Peak	166.00	150	Vertical	Pass
1**	1595.000	25.92	-16.48	54.0	-28.08	AV	166.00	150	Vertical	Pass
2	3193.000	52.91	-7.46	68.2	-15.29	Peak	360.00	150	Vertical	Pass
2**	3193.000	37.41	-7.46	54.0	-16.59	AV	360.00	150	Vertical	Pass
3	5670.000	93.96	-1.27	68.2	25.76	Peak	210.00	150	Vertical	N/A
3**	5670.000	86.65	-1.27	54.0	32.65	AV	210.00	150	Vertical	N/A
4	9409.000	47.95	4.07	74.0	-26.05	Peak	222.00	150	Vertical	Pass
4**	9409.000	39.36	4.07	54.0	-14.64	AV	222.00	150	Vertical	Pass
5	14609.250	54.73	12.25	68.2	-13.47	Peak	29.00	150	Vertical	Pass
5**	14609.250	46.21	12.25	54.0	-7.79	AV	29.00	150	Vertical	Pass
6	17884.500	58.30	16.85	74.0	-15.70	Peak	77.00	150	Vertical	Pass
6**	17884.500	48.48	16.85	54.0	-5.52	AV	77.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1736.000	38.12	-15.66	68.2	-30.08	Peak	1.00	150	Horizontal	Pass
1**	1736.000	25.53	-15.66	54.0	-28.47	AV	1.00	150	Horizontal	Pass
2	3193.000	49.40	-7.46	68.2	-18.80	Peak	96.00	150	Horizontal	Pass
2**	3193.000	30.76	-7.46	54.0	-23.24	AV	96.00	150	Horizontal	Pass
3	5745.000	92.46	-0.72	68.2	24.26	Peak	322.00	150	Horizontal	N/A
3**	5745.000	85.89	-0.72	54.0	31.89	AV	322.00	150	Horizontal	N/A
4	9942.500	49.41	6.05	68.2	-18.79	Peak	242.00	150	Horizontal	Pass
4**	9942.500	41.31	6.05	54.0	-12.69	AV	242.00	150	Horizontal	Pass
5	14592.750	54.74	12.45	68.2	-13.46	Peak	46.00	150	Horizontal	Pass
5**	14592.750	46.52	12.45	54.0	-7.48	AV	46.00	150	Horizontal	Pass
6	17901.001	58.10	17.44	74.0	-15.90	Peak	1.00	150	Horizontal	Pass
6**	17901.001	48.89	17.44	54.0	-5.11	AV	1.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	43.94	-16.46	74.0	-30.06	Peak	342.00	150	Vertical	Pass
1**	1597.000	25.93	-16.46	54.0	-28.07	AV	342.00	150	Vertical	Pass
2	3199.000	53.41	-6.82	68.2	-14.79	Peak	1.00	150	Vertical	Pass
2**	3199.000	34.28	-6.82	54.0	-19.72	AV	1.00	150	Vertical	Pass
3	5745.000	95.82	-0.75	68.2	27.62	Peak	191.00	150	Vertical	N/A
3**	5745.000	89.36	-0.75	54.0	35.36	AV	191.00	150	Vertical	N/A
4	11155.250	51.06	6.79	74.0	-22.94	Peak	143.00	150	Vertical	Pass
4**	11155.250	40.04	6.79	54.0	-13.96	AV	143.00	150	Vertical	Pass
5	14584.500	55.43	12.31	68.2	-12.77	Peak	119.00	150	Vertical	Pass
5**	14584.500	46.11	12.31	54.0	-7.89	AV	119.00	150	Vertical	Pass
6	17689.250	57.86	15.98	68.2	-10.34	Peak	94.00	150	Vertical	Pass
6**	17689.250	47.72	15.98	54.0	-6.28	AV	94.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1252.000	37.97	-15.82	68.2	-30.23	Peak	227.00	150	Horizontal	Pass
1**	1252.000	25.69	-15.82	54.0	-28.31	AV	227.00	150	Horizontal	Pass
2	3000.000	39.38	-9.13	68.2	-28.82	Peak	331.00	150	Horizontal	Pass
2**	3000.000	26.34	-9.13	54.0	-27.66	AV	331.00	150	Horizontal	Pass
3	5785.000	92.76	-1.21	68.2	24.56	Peak	335.00	150	Horizontal	N/A
3**	5785.000	86.41	-1.21	54.0	32.41	AV	335.00	150	Horizontal	N/A
4	11273.500	52.06	6.72	74.0	-21.94	Peak	348.00	150	Horizontal	Pass
4**	11273.500	40.83	6.72	54.0	-13.17	AV	348.00	150	Horizontal	Pass
5	14535.000	54.91	11.49	68.2	-13.29	Peak	198.00	150	Horizontal	Pass
5**	14535.000	44.66	11.49	54.0	-9.34	AV	198.00	150	Horizontal	Pass
6	17898.250	58.42	17.43	74.0	-15.58	Peak	298.00	150	Horizontal	Pass
6**	17898.250	49.52	17.43	54.0	-4.48	AV	298.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	39.97	-16.52	74.0	-34.03	Peak	1.00	150	Vertical	Pass
1**	1597.500	24.34	-16.52	54.0	-29.66	AV	1.00	150	Vertical	Pass
2	3189.000	53.48	-7.51	68.2	-14.72	Peak	360.00	150	Vertical	Pass
2**	3189.000	32.09	-7.51	54.0	-21.91	AV	360.00	150	Vertical	Pass
3	5785.000	93.08	-1.18	68.2	24.88	Peak	247.00	150	Vertical	N/A
3**	5785.000	85.47	-1.18	54.0	31.47	AV	247.00	150	Vertical	N/A
4	10850.000	50.01	7.41	74.0	-23.99	Peak	1.00	150	Vertical	Pass
4**	10850.000	41.81	7.41	54.0	-12.19	AV	1.00	150	Vertical	Pass
5	14614.750	55.60	12.17	68.2	-12.60	Peak	0.00	150	Vertical	Pass
5**	14614.750	46.30	12.17	54.0	-7.70	AV	0.00	150	Vertical	Pass
6	17909.250	57.85	16.90	74.0	-16.15	Peak	238.00	150	Vertical	Pass
6**	17909.250	48.36	16.90	54.0	-5.64	AV	238.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2402.000	45.45	-12.10	68.2	-22.75	Peak	54.00	150	Horizontal	Pass
1**	2402.000	38.60	-12.10	54.0	-15.40	AV	54.00	150	Horizontal	Pass
2	3191.000	45.79	-7.49	68.2	-22.41	Peak	97.00	150	Horizontal	Pass
2**	3191.000	31.61	-7.49	54.0	-22.39	AV	97.00	150	Horizontal	Pass
3	5825.000	93.34	-0.88	68.2	25.14	Peak	324.00	150	Horizontal	N/A
3**	5825.000	86.30	-0.88	54.0	32.30	AV	324.00	150	Horizontal	N/A
4	8710.500	46.79	2.93	68.2	-21.41	Peak	1.00	150	Horizontal	Pass
4**	8710.500	37.46	2.93	54.0	-16.54	AV	1.00	150	Horizontal	Pass
5	14601.000	54.95	12.44	68.2	-13.25	Peak	0.00	150	Horizontal	Pass
5**	14601.000	46.19	12.44	54.0	-7.81	AV	0.00	150	Horizontal	Pass
6	17870.750	57.76	16.43	74.0	-16.24	Peak	10.00	150	Horizontal	Pass
6**	17870.750	47.70	16.43	54.0	-6.30	AV	10.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2402.000	47.38	-12.10	68.2	-20.82	Peak	27.00	150	Vertical	Pass
1**	2402.000	37.44	-12.10	54.0	-16.56	AV	27.00	150	Vertical	Pass
2	3194.000	49.81	-7.10	68.2	-18.39	Peak	8.00	150	Vertical	Pass
2**	3194.000	31.62	-7.10	54.0	-22.38	AV	8.00	150	Vertical	Pass
3	5825.000	95.49	-0.82	68.2	27.29	Peak	185.00	150	Vertical	N/A
3**	5825.000	87.80	-0.82	54.0	33.80	AV	185.00	150	Vertical	N/A
4	10800.500	50.13	7.14	74.0	-23.87	Peak	226.00	150	Vertical	Pass
4**	10800.500	40.17	7.14	54.0	-13.83	AV	226.00	150	Vertical	Pass
5	14598.250	55.06	12.46	68.2	-13.14	Peak	226.00	150	Vertical	Pass
5**	14598.250	46.78	12.46	54.0	-7.22	AV	226.00	150	Vertical	Pass
6	17865.251	57.96	16.25	74.0	-16.04	Peak	175.00	150	Vertical	Pass
6**	17865.251	49.43	16.25	54.0	-4.57	AV	175.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1864.000	47.41	-14.71	68.2	-20.79	Peak	109.00	150	Horizontal	Pass
1**	1864.000	25.84	-14.71	54.0	-28.16	AV	109.00	150	Horizontal	Pass
2	3552.000	43.23	-6.21	68.2	-24.97	Peak	263.00	150	Horizontal	Pass
2**	3552.000	31.21	-6.21	54.0	-22.79	AV	263.00	150	Horizontal	Pass
3	5745.000	92.89	-1.16	68.2	24.69	Peak	1.00	150	Horizontal	N/A
3**	5745.000	85.32	-1.16	54.0	31.32	AV	1.00	150	Horizontal	N/A
4	8402.500	46.42	2.38	74.0	-27.58	Peak	359.00	150	Horizontal	Pass
4**	8402.500	36.85	2.38	54.0	-17.15	AV	359.00	150	Horizontal	Pass
5	14584.500	55.61	12.31	68.2	-12.59	Peak	231.00	150	Horizontal	Pass
5**	14584.500	45.77	12.31	54.0	-8.23	AV	231.00	150	Horizontal	Pass
6	17909.250	58.20	16.90	74.0	-15.80	Peak	231.00	150	Horizontal	Pass
6**	17909.250	49.39	16.90	54.0	-4.61	AV	231.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1860.000	51.53	-14.78	68.2	-16.67	Peak	34.00	150	Vertical	Pass
1**	1860.000	27.95	-14.78	54.0	-26.05	AV	34.00	150	Vertical	Pass
2	3720.000	47.15	-6.09	74.0	-26.85	Peak	26.00	150	Vertical	Pass
2**	3720.000	33.34	-6.09	54.0	-20.66	AV	26.00	150	Vertical	Pass
3	5744.000	96.41	-1.47	68.2	28.21	Peak	177.00	150	Vertical	N/A
3**	5744.000	89.13	-1.47	54.0	35.13	AV	177.00	150	Vertical	N/A
4	11320.250	50.12	6.69	74.0	-23.88	Peak	1.00	150	Vertical	Pass
4**	11320.250	40.09	6.69	54.0	-13.91	AV	1.00	150	Vertical	Pass
5	14515.750	55.91	11.94	68.2	-12.29	Peak	109.00	150	Vertical	Pass
5**	14515.750	46.90	11.94	54.0	-7.10	AV	109.00	150	Vertical	Pass
6	17898.250	58.98	17.43	74.0	-15.02	Peak	356.00	150	Vertical	Pass
6**	17898.250	50.32	17.43	54.0	-3.68	AV	356.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1860.500	51.00	-14.72	68.2	-17.20	Peak	149.00	150	Horizontal	Pass
1**	1860.500	29.82	-14.72	54.0	-24.18	AV	149.00	150	Horizontal	Pass
2	3733.000	44.89	-5.38	74.0	-29.11	Peak	127.00	150	Horizontal	Pass
2**	3733.000	31.89	-5.38	54.0	-22.11	AV	127.00	150	Horizontal	Pass
3	5785.000	93.63	-1.20	68.2	25.43	Peak	205.00	150	Horizontal	N/A
3**	5785.000	87.05	-1.20	54.0	33.05	AV	205.00	150	Horizontal	N/A
4	9395.250	48.70	4.20	74.0	-25.30	Peak	23.00	150	Horizontal	Pass
4**	9395.250	39.65	4.20	54.0	-14.35	AV	23.00	150	Horizontal	Pass
5	14587.250	55.76	12.38	68.2	-12.44	Peak	309.00	150	Horizontal	Pass
5**	14587.250	47.09	12.38	54.0	-6.91	AV	309.00	150	Horizontal	Pass
6	17898.250	58.30	17.43	74.0	-15.70	Peak	284.00	150	Horizontal	Pass
6**	17898.250	49.22	17.43	54.0	-4.78	AV	284.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1864.000	54.51	-14.71	68.2	-13.69	Peak	30.00	150	Vertical	Pass
1**	1864.000	33.66	-14.71	54.0	-20.34	AV	30.00	150	Vertical	Pass
2	3731.000	48.19	-5.65	74.0	-25.81	Peak	1.00	150	Vertical	Pass
2**	3731.000	32.28	-5.65	54.0	-21.72	AV	1.00	150	Vertical	Pass
3	5785.000	96.34	-1.20	68.2	28.14	Peak	180.00	150	Vertical	N/A
3**	5785.000	89.90	-1.20	54.0	35.90	AV	180.00	150	Vertical	N/A
4	9296.250	47.50	4.32	68.2	-20.70	Peak	340.00	150	Vertical	Pass
4**	9296.250	39.14	4.32	54.0	-14.86	AV	340.00	150	Vertical	Pass
5	14664.250	54.77	11.52	68.2	-13.43	Peak	360.00	150	Vertical	Pass
5**	14664.250	44.41	11.52	54.0	-9.59	AV	360.00	150	Vertical	Pass
6	17997.251	57.52	15.90	74.0	-16.48	Peak	103.00	150	Vertical	Pass
6**	17997.251	48.35	15.90	54.0	-5.65	AV	103.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1866.500	47.06	-14.62	68.2	-21.14	Peak	109.00	150	Horizontal	Pass
1**	1866.500	27.27	-14.62	54.0	-26.73	AV	109.00	150	Horizontal	Pass
2	3013.000	43.80	-7.46	68.2	-24.40	Peak	19.00	150	Horizontal	Pass
2**	3013.000	31.17	-7.46	54.0	-22.83	AV	19.00	150	Horizontal	Pass
3	5825.000	92.97	-0.80	68.2	24.77	Peak	332.00	150	Horizontal	N/A
3**	5825.000	88.98	-0.80	54.0	34.98	AV	332.00	150	Horizontal	N/A
4	9417.250	48.53	4.03	74.0	-25.47	Peak	292.00	150	Horizontal	Pass
4**	9417.250	37.49	4.03	54.0	-16.51	AV	292.00	150	Horizontal	Pass
5	14598.250	56.37	12.46	68.2	-11.83	Peak	211.00	150	Horizontal	Pass
5**	14598.250	46.60	12.46	54.0	-7.40	AV	211.00	150	Horizontal	Pass
6	17903.749	57.81	17.26	74.0	-16.19	Peak	360.00	150	Horizontal	Pass
6**	17903.749	49.94	17.26	54.0	-4.06	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1864.000	49.51	-14.71	68.2	-18.69	Peak	12.00	150	Vertical	Pass
1**	1864.000	29.22	-14.71	54.0	-24.78	AV	12.00	150	Vertical	Pass
2	3727.000	49.01	-5.81	74.0	-24.99	Peak	360.00	150	Vertical	Pass
2**	3727.000	32.88	-5.81	54.0	-21.12	AV	360.00	150	Vertical	Pass
3	5825.000	96.77	-0.86	68.2	28.57	Peak	184.00	150	Vertical	N/A
3**	5825.000	87.49	-0.86	54.0	33.49	AV	184.00	150	Vertical	N/A
4	10712.500	50.41	6.90	74.0	-23.59	Peak	150.00	150	Vertical	Pass
4**	10712.500	40.97	6.90	54.0	-13.03	AV	150.00	150	Vertical	Pass
5	14221.500	54.15	11.20	68.2	-14.05	Peak	176.00	150	Vertical	Pass
5**	14221.500	42.88	11.20	54.0	-11.12	AV	176.00	150	Vertical	Pass
6	17898.250	58.75	17.43	74.0	-15.25	Peak	124.00	150	Vertical	Pass
6**	17898.250	49.77	17.43	54.0	-4.23	AV	124.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1862.500	49.14	-14.76	68.2	-19.06	Peak	255.00	150	Horizontal	Pass
1**	1862.500	27.00	-14.76	54.0	-27.00	AV	255.00	150	Horizontal	Pass
2	3210.000	43.48	-7.31	68.2	-24.72	Peak	268.00	150	Horizontal	Pass
2**	3210.000	31.30	-7.31	54.0	-22.70	AV	268.00	150	Horizontal	Pass
3	5755.000	90.96	-0.69	68.2	22.76	Peak	214.00	150	Horizontal	N/A
3**	5755.000	83.97	-0.69	54.0	29.97	AV	214.00	150	Horizontal	N/A
4	9277.000	47.91	3.69	68.2	-20.29	Peak	0.00	150	Horizontal	Pass
4**	9277.000	39.52	3.69	54.0	-14.48	AV	0.00	150	Horizontal	Pass
5	14606.500	55.29	12.32	68.2	-12.91	Peak	11.00	150	Horizontal	Pass
5**	14606.500	45.20	12.32	54.0	-8.80	AV	11.00	150	Horizontal	Pass
6	17901.001	58.61	17.44	74.0	-15.39	Peak	172.00	150	Horizontal	Pass
6**	17901.001	47.37	17.44	54.0	-6.63	AV	172.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1860.000	50.96	-14.78	68.2	-17.24	Peak	29.00	150	Vertical	Pass
1**	1860.000	29.87	-14.78	54.0	-24.13	AV	29.00	150	Vertical	Pass
2	3721.000	48.43	-6.00	74.0	-25.57	Peak	355.00	150	Vertical	Pass
2**	3721.000	32.22	-6.00	54.0	-21.78	AV	355.00	150	Vertical	Pass
3	5755.000	90.66	-1.16	68.2	22.46	Peak	172.00	150	Vertical	N/A
3**	5755.000	83.00	-1.16	54.0	29.00	AV	172.00	150	Vertical	N/A
4	9961.750	49.01	6.02	68.2	-19.19	Peak	360.00	150	Vertical	Pass
4**	9961.750	39.73	6.02	54.0	-14.27	AV	360.00	150	Vertical	Pass
5	14587.250	54.82	12.38	68.2	-13.38	Peak	29.00	150	Vertical	Pass
5**	14587.250	46.72	12.38	54.0	-7.28	AV	29.00	150	Vertical	Pass
6	17884.500	58.29	16.85	74.0	-15.71	Peak	360.00	150	Vertical	Pass
6**	17884.500	47.95	16.85	54.0	-6.05	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1865.500	46.79	-14.78	68.2	-21.41	Peak	197.00	150	Horizontal	Pass
1**	1865.500	25.95	-14.78	54.0	-28.05	AV	197.00	150	Horizontal	Pass
2	3013.000	43.11	-7.46	68.2	-25.09	Peak	126.00	150	Horizontal	Pass
2**	3013.000	31.40	-7.46	54.0	-22.60	AV	126.00	150	Horizontal	Pass
3	5795.000	91.10	-1.20	68.2	22.90	Peak	305.00	150	Horizontal	N/A
3**	5795.000	82.47	-1.20	54.0	28.47	AV	305.00	150	Horizontal	N/A
4	10069.000	49.06	6.42	68.2	-19.14	Peak	185.00	150	Horizontal	Pass
4**	10069.000	39.81	6.42	54.0	-14.19	AV	185.00	150	Horizontal	Pass
5	14590.000	54.79	12.45	68.2	-13.41	Peak	159.00	150	Horizontal	Pass
5**	14590.000	45.61	12.45	54.0	-8.39	AV	159.00	150	Horizontal	Pass
6	17906.500	59.13	17.08	74.0	-14.87	Peak	288.00	150	Horizontal	Pass
6**	17906.500	49.16	17.08	54.0	-4.84	AV	288.00	150	Horizontal	Pass

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

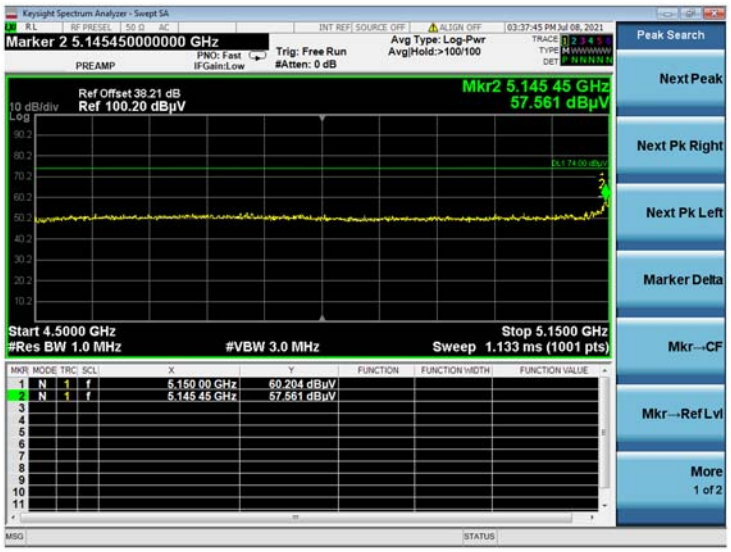
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1861.000	48.37	-14.83	68.2	-19.83	Peak	31.00	150	Vertical	Pass
1**	1861.000	29.12	-14.83	54.0	-24.88	AV	31.00	150	Vertical	Pass
2	3731.000	47.17	-5.65	74.0	-26.83	Peak	360.00	150	Vertical	Pass
2**	3731.000	32.66	-5.65	54.0	-21.34	AV	360.00	150	Vertical	Pass
3	5795.000	94.27	-1.20	68.2	26.07	Peak	189.00	150	Vertical	N/A
3**	5795.000	85.84	-1.20	54.0	31.84	AV	189.00	150	Vertical	N/A
4	8394.250	46.16	2.27	74.0	-27.84	Peak	170.00	150	Vertical	Pass
4**	8394.250	36.68	2.27	54.0	-17.32	AV	170.00	150	Vertical	Pass
5	14364.500	55.09	13.06	68.2	-13.11	Peak	6.00	150	Vertical	Pass
5**	14364.500	44.42	13.06	54.0	-9.58	AV	6.00	150	Vertical	Pass
6	17881.750	57.93	16.75	74.0	-16.07	Peak	1.00	150	Vertical	Pass
6**	17881.750	47.89	16.75	54.0	-6.11	AV	1.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

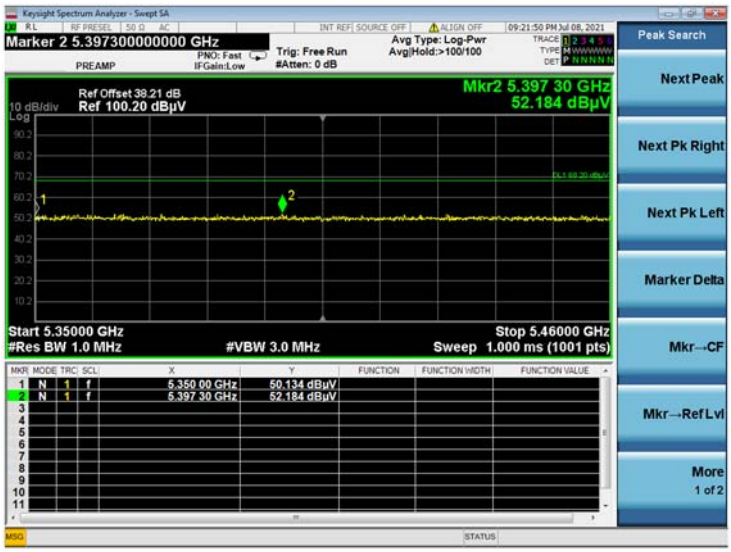
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)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

Test Plots

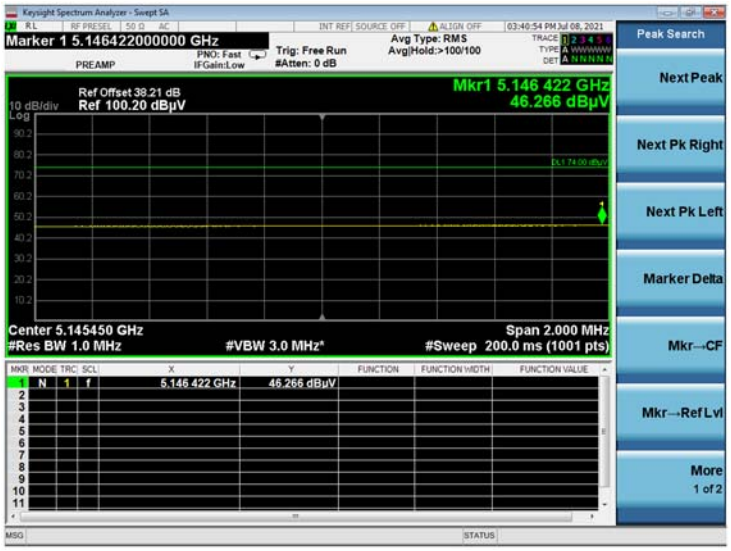
U-NII-1 11a CH36 Peak



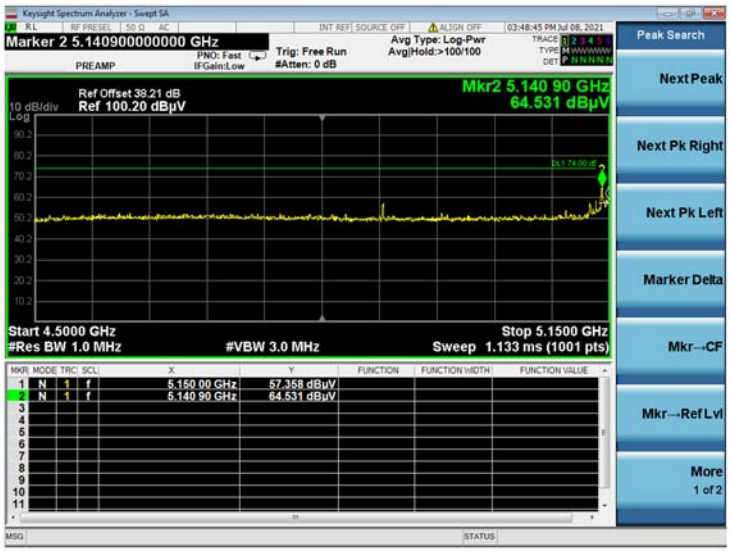
U-NII-1 11a CH48 Peak



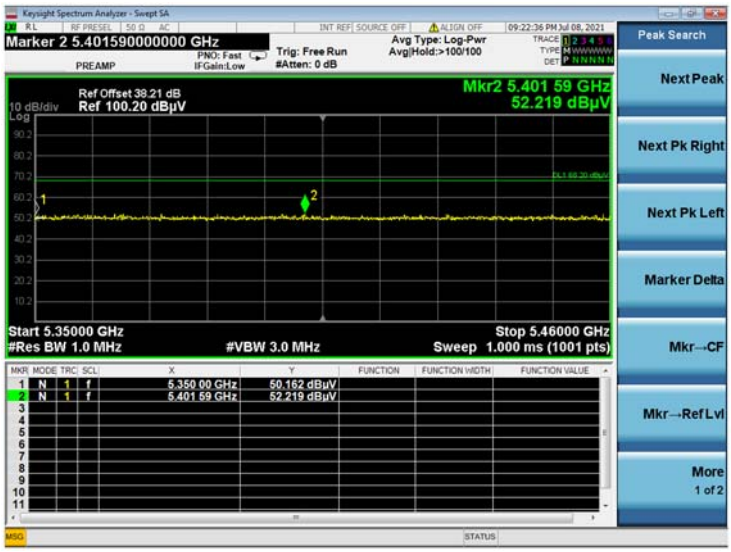
U-NII-1 11a CH36 AV



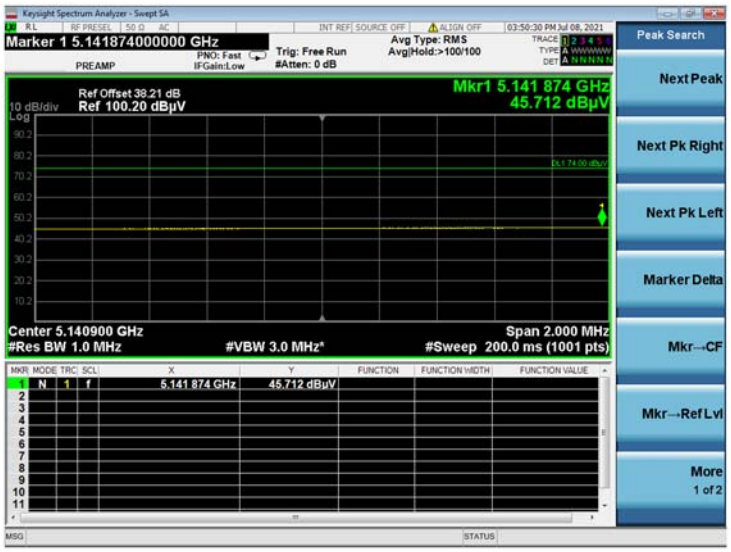
U-NII-1 11n20 CH36 Peak



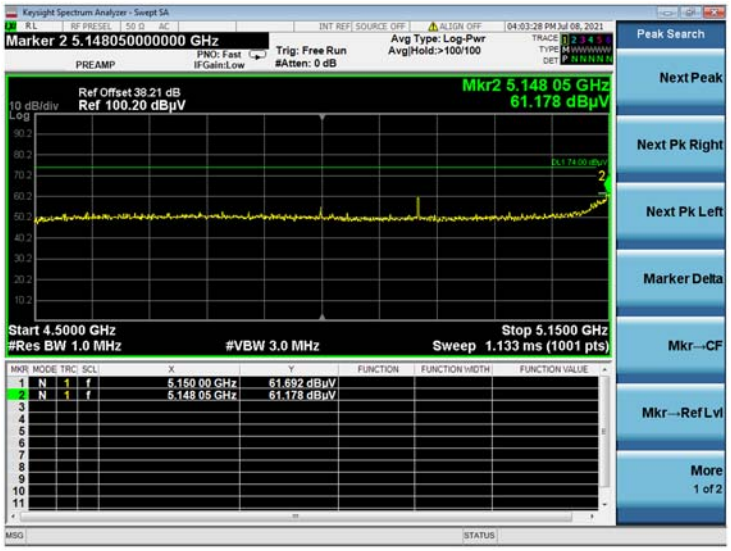
U-NII-1 11n20 CH48 Peak



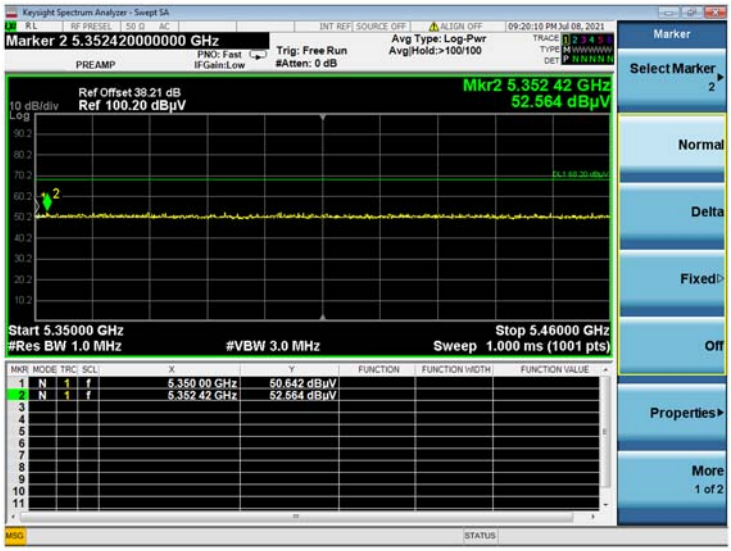
U-NII-1 11n20 CH36 AV



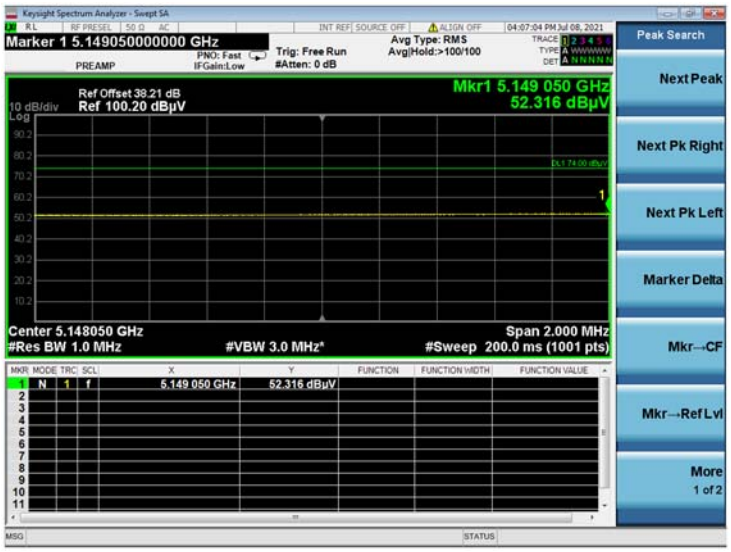
U-NII-1 11n40 CH38 Peak



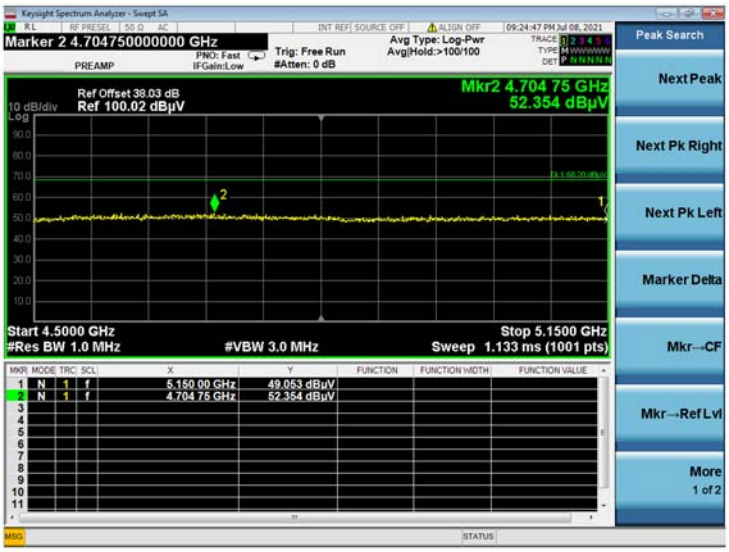
U-NII-1 11n40 CH46 Peak



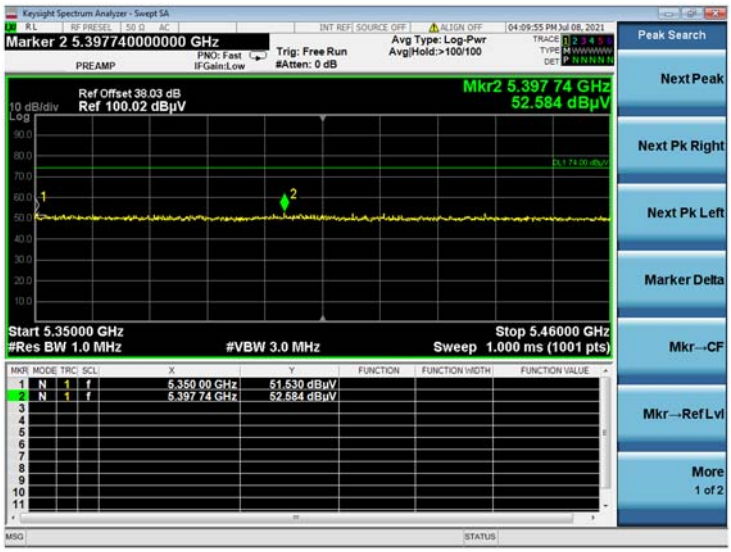
U-NII-1 11n40 CH38 AV



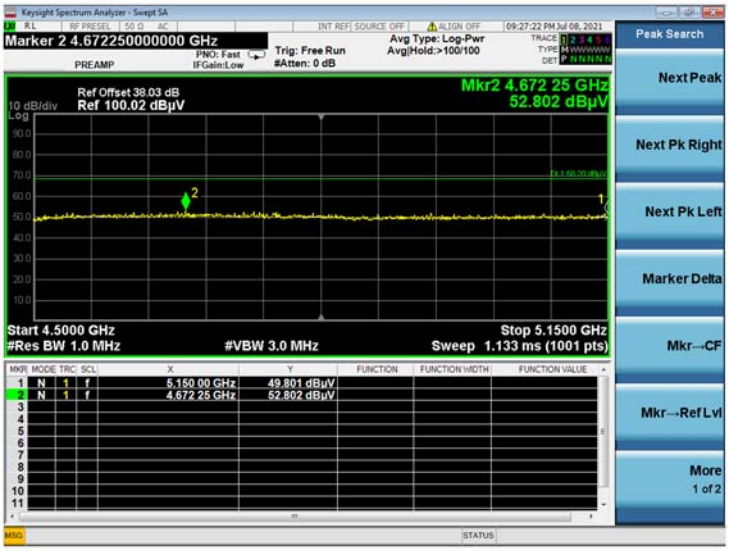
U-NII-2A 11a CH52 Peak



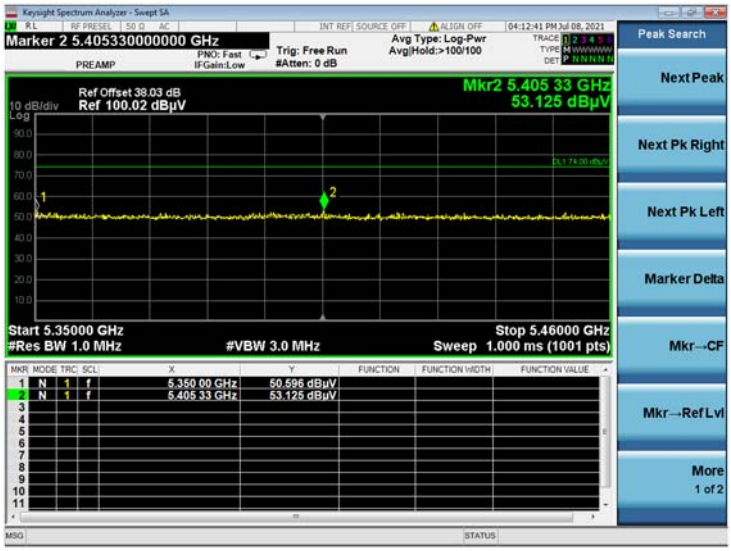
U-NII-2A 11a CH64 Peak



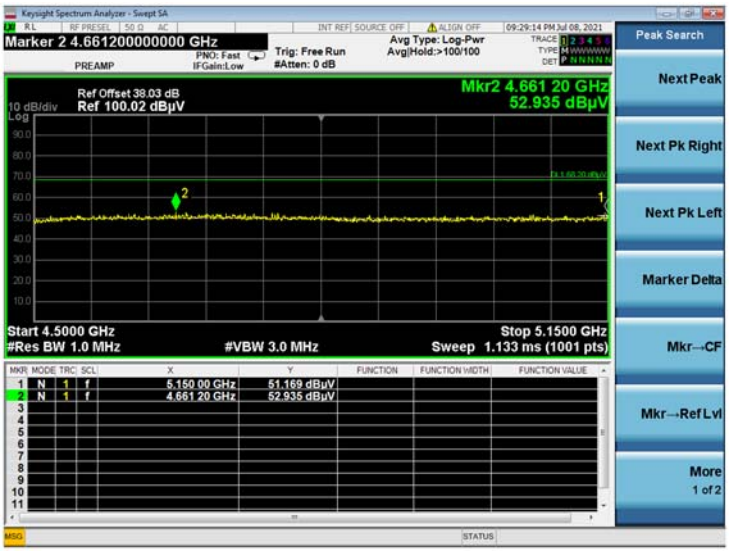
U-NII-2A 11n20 CH52 Peak



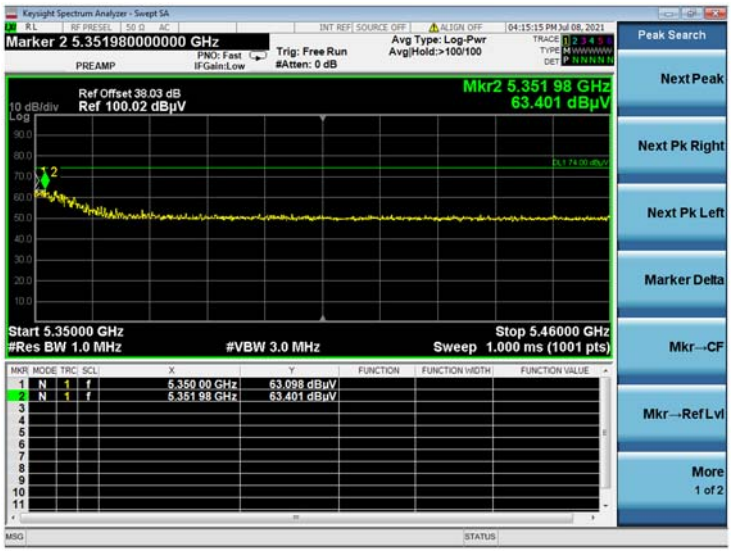
U-NII-2A 11n20 CH64 Peak



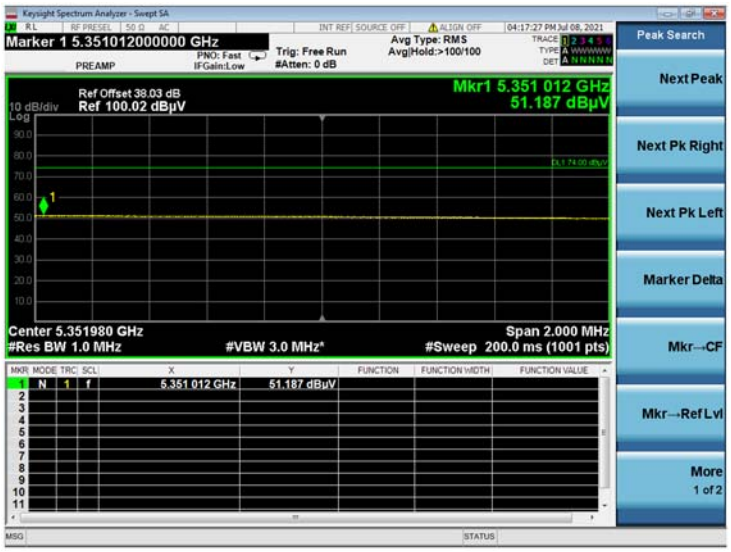
U-NII-2A 11n40 CH54 Peak



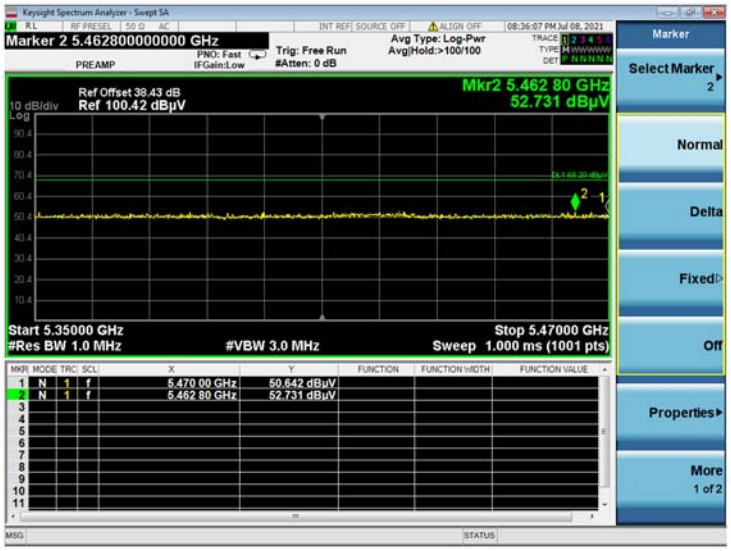
U-NII-2A 11n40 CH62 Peak



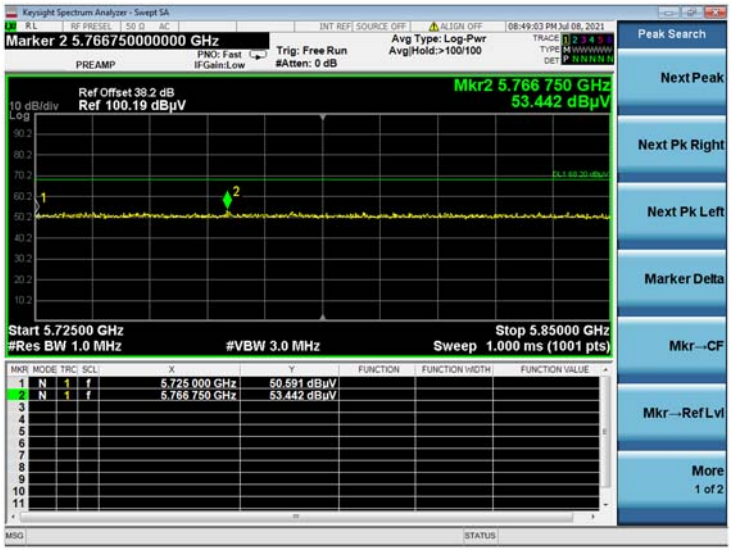
U-NII-2A 11n40 CH62 AV



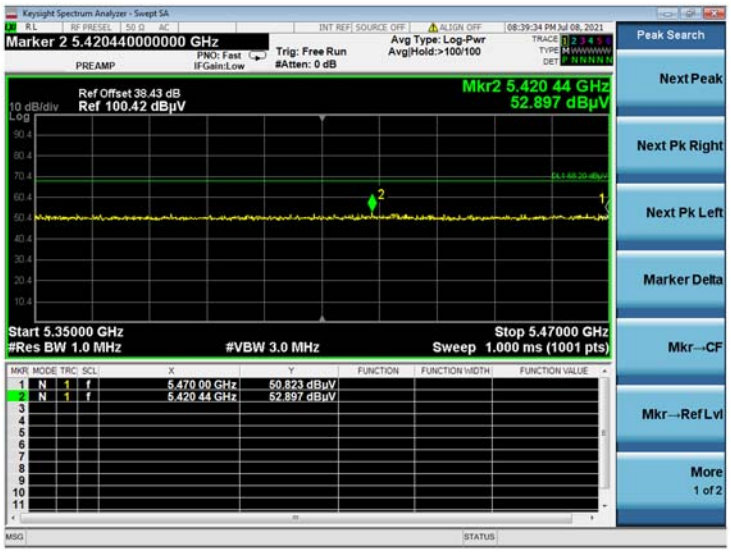
U-NII-2C 11a CH100 Peak



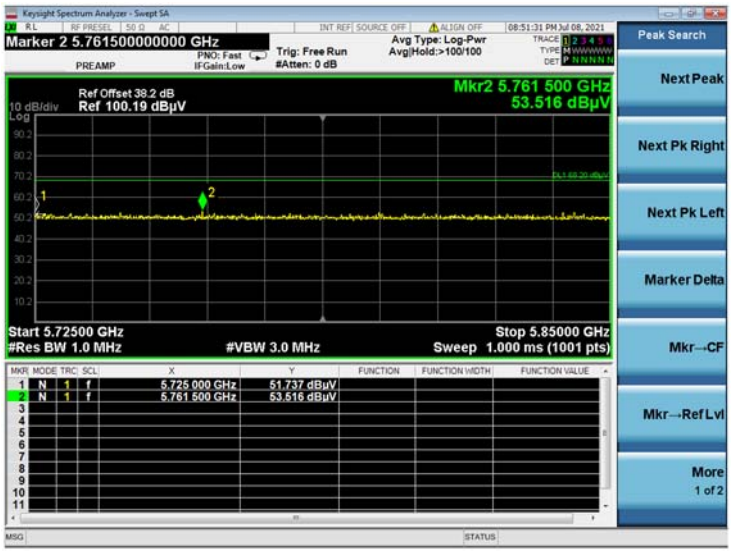
U-NII-2C 11a CH140 Peak



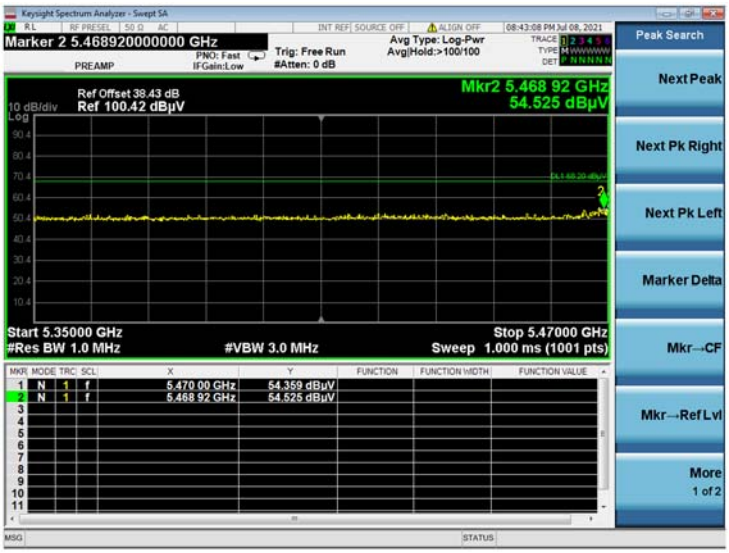
U-NII-2C 11n20 CH100 Peak



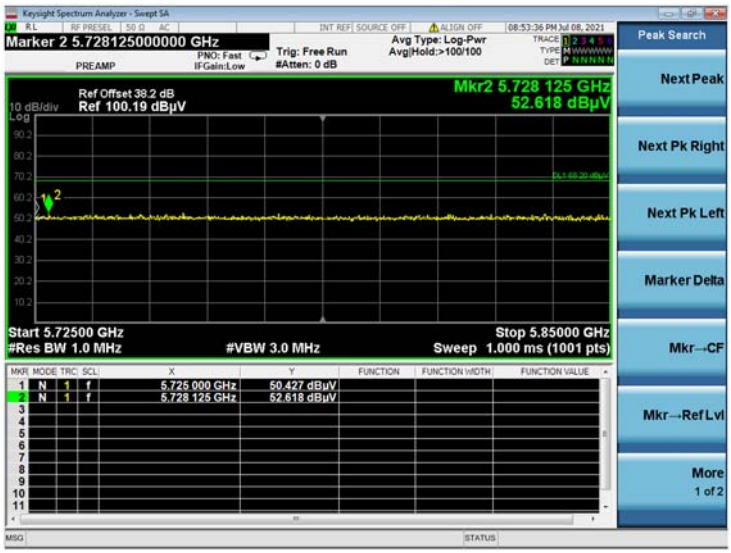
U-NII-2C 11n20 CH140 Peak



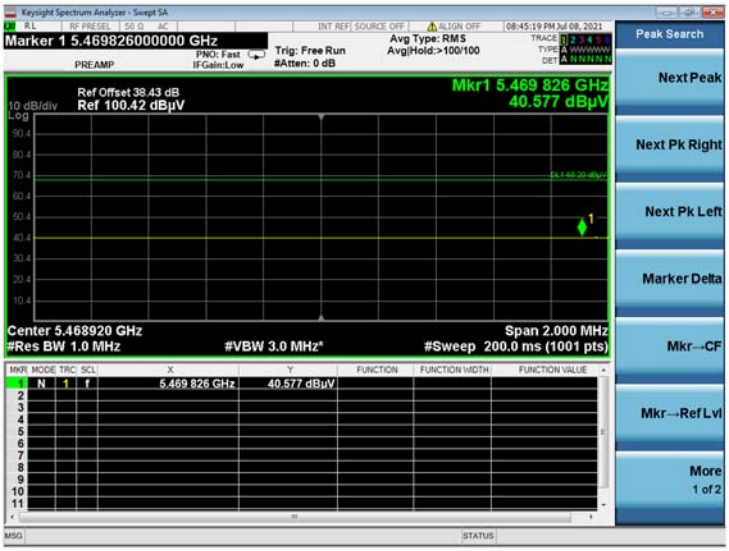
U-NII-2C 11n40 CH102 Peak



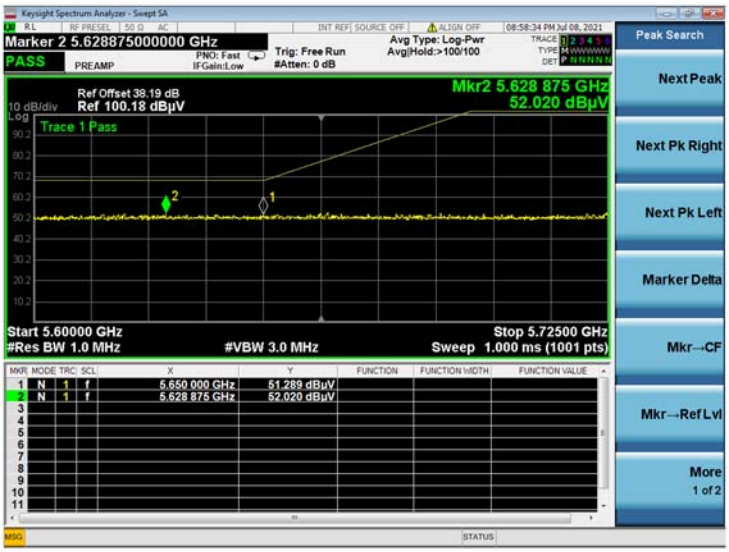
U-NII-2C 11n40 CH134 Peak



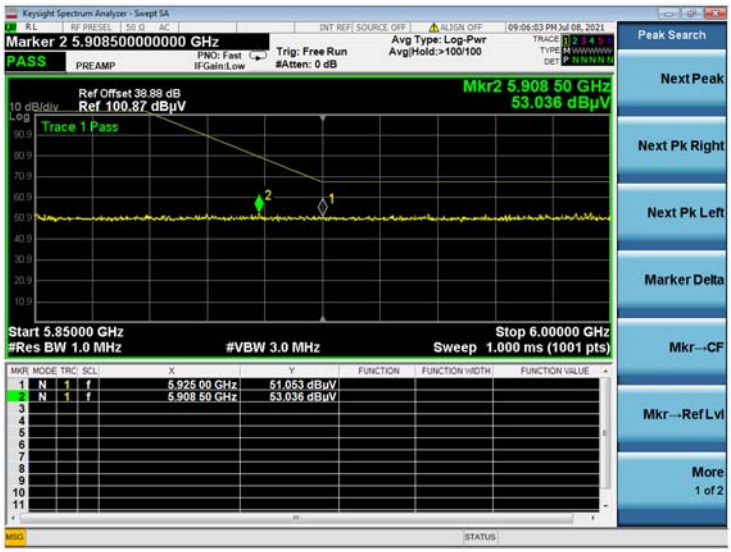
U-NII-2C 11n40 CH102 AV



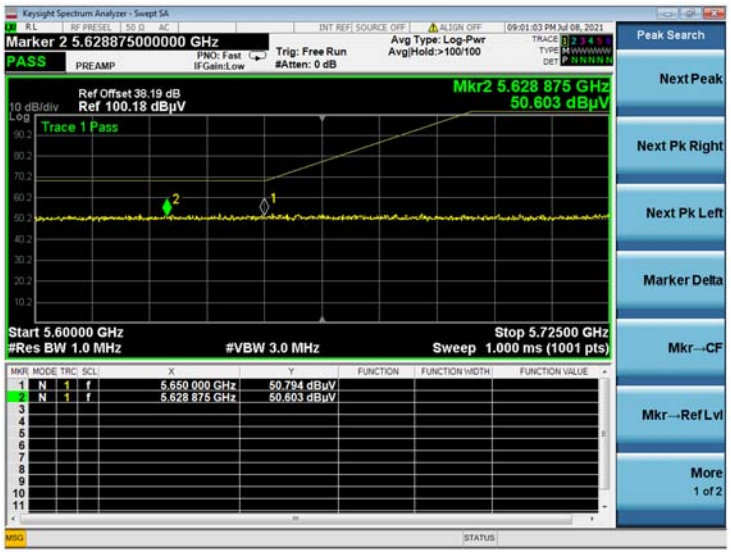
U-NII-3 11a CH149 Peak



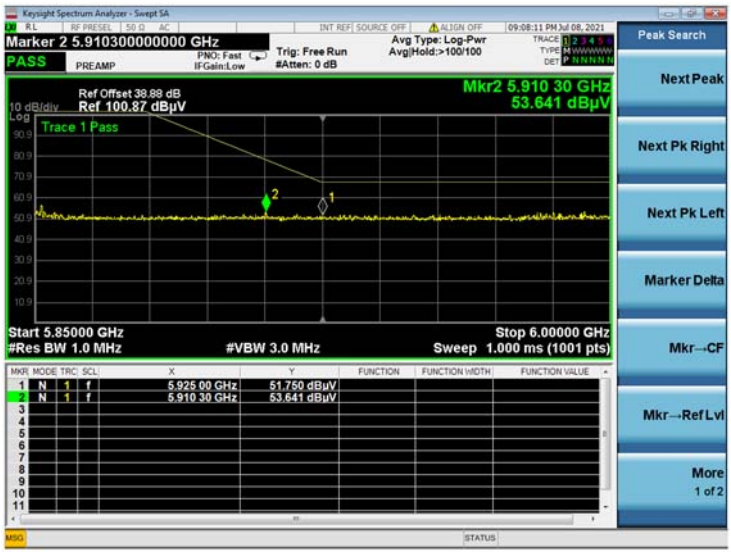
U-NII-3 11a CH165 Peak



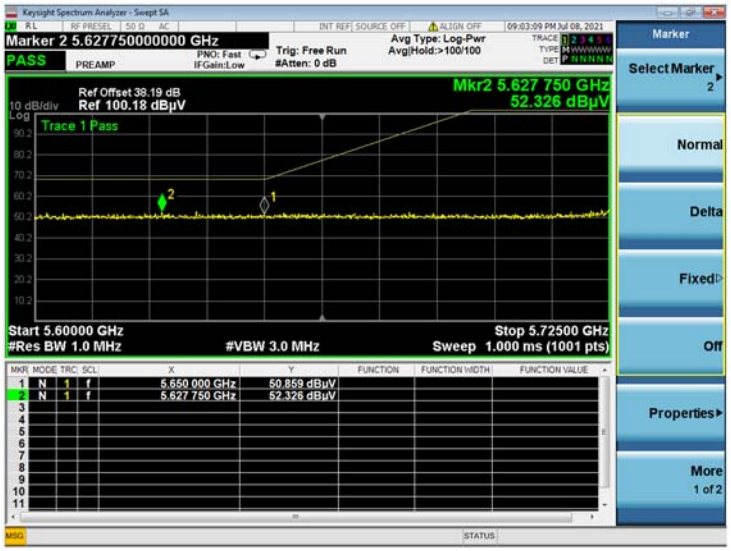
U-NII-3 11n20 CH149 Peak



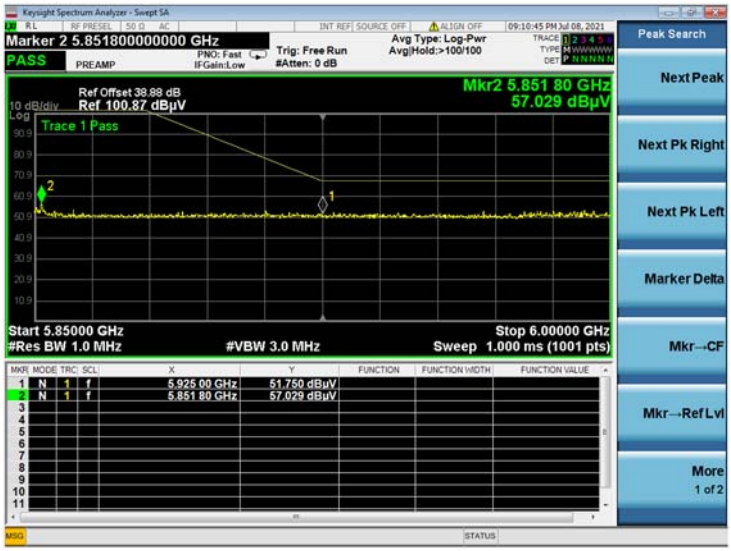
U-NII-3 11n20 CH165 Peak



U-NII-3 11n40 CH151 Peak



U-NII-3 11n40 CH159 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2160023-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2160023-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2160023-AI.PDF”.

--END OF REPORT--