

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
GWTC116-3BK

ISSUED TO
E&S International Enterprises, Inc.

7801 Hayvenhurst Avenue, Van Nuys, California 91406 USA



Tested by: Ye Hongli
Ye Hongli

Date: Jul. 06, 2021

Approved by: Liao Jianming
Liao Jianming
(Technical Director)

Date: Jul. 06, 2021

Report No.: BL-SZ2140379-604
EUT Name: GWTC116-3BK
Model Name: GWTC116-3BK
Brand Name: GATEWAY
Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)
FCC ID: 2AYPE-GWTC116-3

Test Conclusion: Pass
Test Date: Apr. 27, 2021 ~ Jun. 16, 2021
Date of Issue: Jul. 06, 2021

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jul. 06, 2021</u>	<u>Initial Issue</u>

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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°C to 25°C
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	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406 USA

2.2 Manufacturer

Manufacturer	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406 USA

2.3 Factory

Factory	GOLDEN ELITE TECHNOLOGY (SHENZHEN) LTD.
Address	NO.1, NAN-HUAN RD., SHAJING, BAOAN, SHENZHEN, CHINA

2.4 General Description for Equipment under Test (EUT)

EUT Name	GWTC116-3BK
Model Name Under Test	GWTC116-3BK
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	1.0
Software Version	R6000 image
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 2/5 4G Network FDD LTE Band 2/4/5/12/30/66 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☐ Mobile ☒ Portable ☐ Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Mobile and 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 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 18.86 dBm U-NII-3: 17.93 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD)	
Categorization as Correlated or Completely Uncorrelated	Correlated	
Antenna Type	Main Antenna Aux. Antenna	PIFA Antenna
Antenna Gain	Main Antenna Aux. Antenna	3.88 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Total directional gain	For power spectral density(PSD) measurements	6.88 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log(NANT/NSS)$ dB. NSS =1, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	3.88 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.
About the Product	The equipment is GWTC116-3BK, 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.
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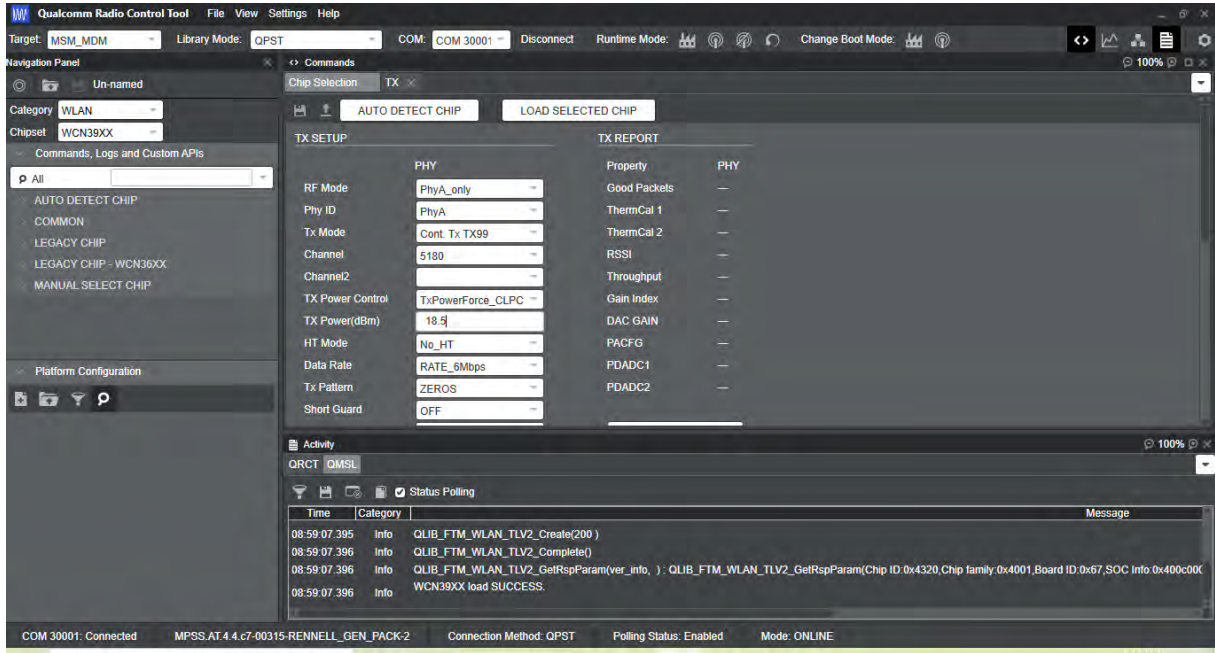
During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	QRCT4
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U-NII-1 (5150 - 5250 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH36	5180	18.50	16.00
11a	CH44	5220	19.00	16.00
11a	CH48	5240	19.00	16.50
11n (HT20)	CH36	5180	19.00	16.00
11n (HT20)	CH44	5220	19.00	16.50
11n (HT20)	CH48	5240	18.50	16.50
11n (HT40)	CH38	5190	16.00	15.50
11n (HT40)	CH46	5230	18.50	16.00
11ac (VHT20)	CH36	5180	18.50	16.50
11ac (VHT20)	CH44	5220	18.50	16.50
11ac (VHT20)	CH48	5240	19.00	16.50
11ac (VHT40)	CH38	5190	16.00	15.50
11ac (VHT40)	CH46	5230	18.50	16.00
11ac (VHT80)	CH42	5210	14.50	14.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH149	5745	19.50	15.50
11a	CH157	5785	19.50	16.00
11a	CH165	5825	19.00	15.50
11n (HT20)	CH149	5745	20.00	16.00
11n (HT20)	CH157	5785	19.00	16.00
11n (HT20)	CH165	5825	19.50	16.00
11n (HT40)	CH151	5755	19.50	15.50
11n (HT40)	CH159	5795	19.50	15.50
11ac (VHT20)	CH149	5745	20.00	16.00
11ac (VHT20)	CH157	5785	19.00	16.00
11ac (VHT20)	CH165	5825	19.50	16.00
11ac (VHT40)	CH151	5755	19.50	15.00
11ac (VHT40)	CH159	5795	19.50	15.50
11ac (VHT80)	CH155	5775	16.00	16.00

Run Software:



The screenshot displays the Qualcomm Radio Control Tool interface. The top bar shows the target as 'MSM_MDM', library mode as 'QPST', and COM port as 'COM 30001'. The interface is divided into several panels:

- Navigation Panel:** Contains 'Un-named' and 'Commands, Logs and Custom APIs' sections. The 'Commands' section is expanded, showing options like 'AUTO DETECT CHIP', 'COMMON', 'LEGACY CHIP', 'LEGACY CHIP - WCN39XX', and 'MANUAL SELECT CHIP'.
- TX SETUP:** A table of configuration parameters for the TX setup.
- TX REPORT:** A table showing the results of the TX setup.
- Activity:** A log window showing the sequence of events during the chip load process.

TX SETUP Table:

Property	PHY
RF Mode	PhyA_only
Phy ID	PhyA
Tx Mode	Cont. Tx TX99
Channel	5180
Channel2	
TX Power Control	TxPowerForce_CLPC
TX Power(dBm)	18.5
HT Mode	No_HT
Data Rate	RATE_6Mbps
Tx Pattern	ZEROS
Short Guard	OFF

TX REPORT Table:

Property	PHY
Good Packets	—
ThermCal 1	—
ThermCal 2	—
RSSI	—
Throughput	—
Gain Index	—
DAC GAIN	—
PACFG	—
PDADC1	—
PDADC2	—

Activity Log:

Time	Category	Message
08:59:07.395	Info	QLIB_FTM_WLAN_TLV2_Create(200)
08:59:07.396	Info	QLIB_FTM_WLAN_TLV2_Complete()
08:59:07.396	Info	QLIB_FTM_WLAN_TLV2_GetRspParam(ver_info,) : QLIB_FTM_WLAN_TLV2_GetRspParam(Chip ID:0x4320,Chip family:0x4001,Board ID:0x67,SOC info:0x400c00K)
08:59:07.396	Info	WCN39XX load SUCCESS.

The bottom status bar indicates: COM 30001: Connected, MPSS AT 4.4.c7-00315-RENNELL_GEN_PACK-2, Connection Method: QPST, Polling Status: Enabled, Mode: ONLINE.

2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	155	5775
44	5220	151	5755		
48	5240	159	5795		
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)

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

For 802.11ac(VHT80)

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

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	165/149
	11n(20 MHz)	6.5		48/36	165/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/36	165/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 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.

Note ³: The RF module (Model Name: QSIP7180, FCC ID: J9CQSIP7180) installed in the EUT is electronically and mechanically identical to the original certified module in the test report No.FR042002-06D & FR042002-06 & FR042002-06E & FR042002E, so just Conducted Emission & Radiated Spurious Emission & Band Edge(Restricted-band band-edge) were retested in this report. Other test items please refer to the No. FR042002-06D & FR042002-06 & FR042002-06E & FR042002E.

Report No. FR042002-06D, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020.

Report No.FR042002-06, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020.

Report No.FR042002-06E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020.

Report No.FR042002E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020.

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°C to +25°C
	LT (Low Temperature)	Note
	HT (High Temperature)	Note
Working Voltage of the EUT	NV (Normal Voltage)	7.6 V
	LV (Low Voltage)	Note
	HV (High Voltage)	Note

Note: The extreme test conditions please refer to the Report No.FR042002-06D, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020.

Report No.FR042002-06, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020.

Report No.FR042002-06E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020.

Report No.FR042002E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020.

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	2021.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
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

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
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

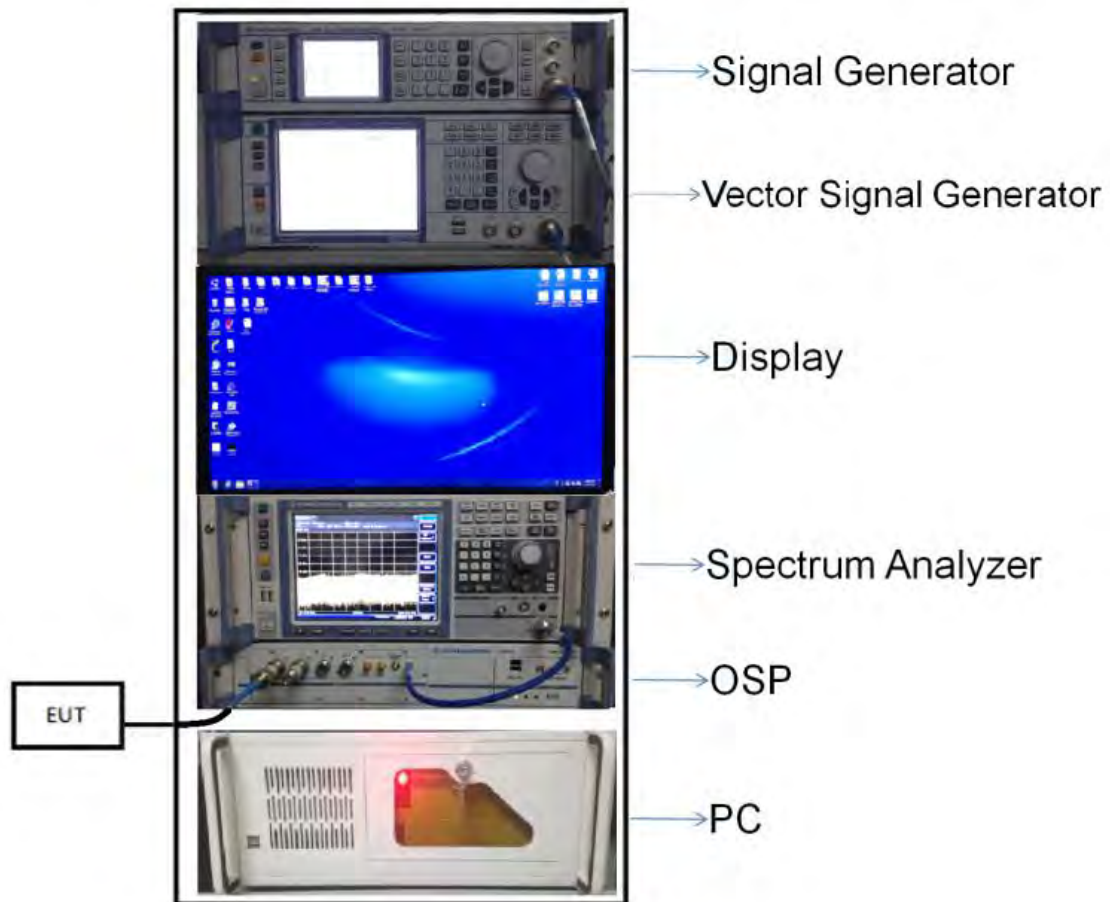
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
Occupied Channel Bandwidth	±4%
RF output power, conducted	±1.21 dB
Power Spectral Density, conducted	±1.25 dB
Unwanted Emissions, conducted	±1.26 dB
All emissions, radiated	±3.86 dB
Temperature	±1°C
Humidity	±4%

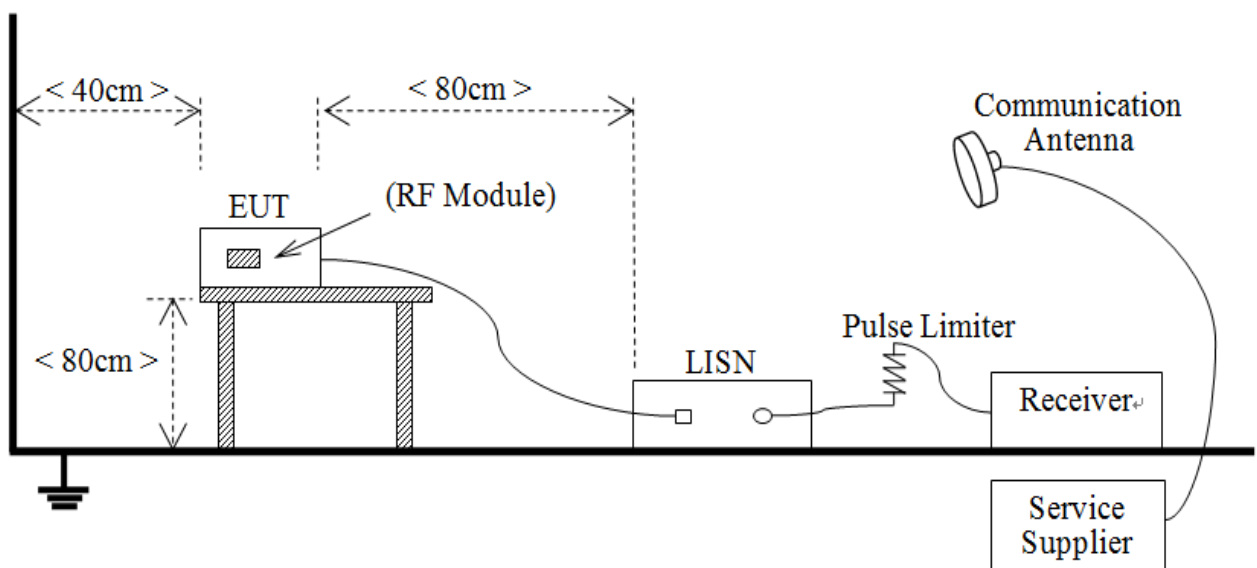
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



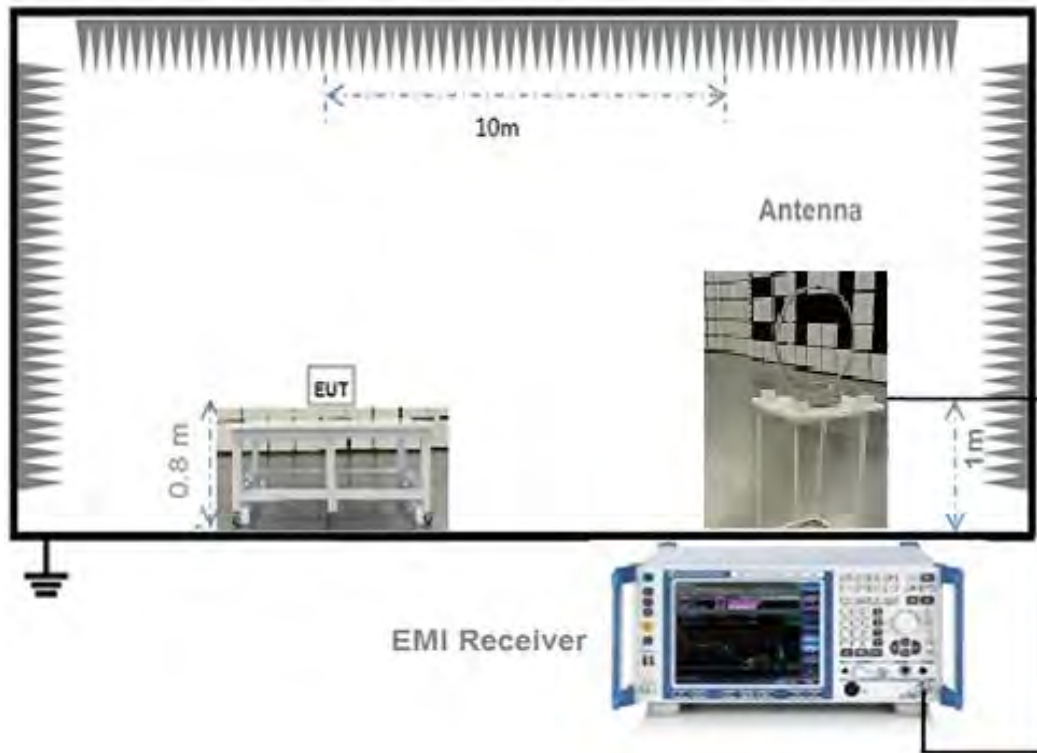
(Diagram 1)

4.4.2 For AC Power Supply Port Test



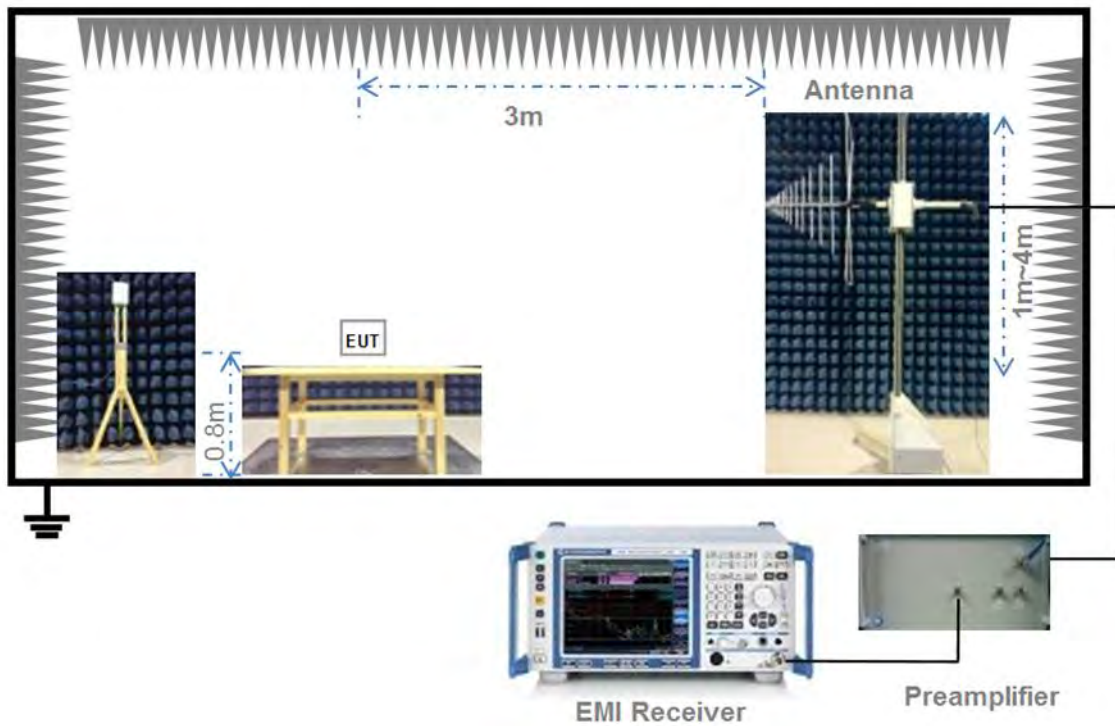
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



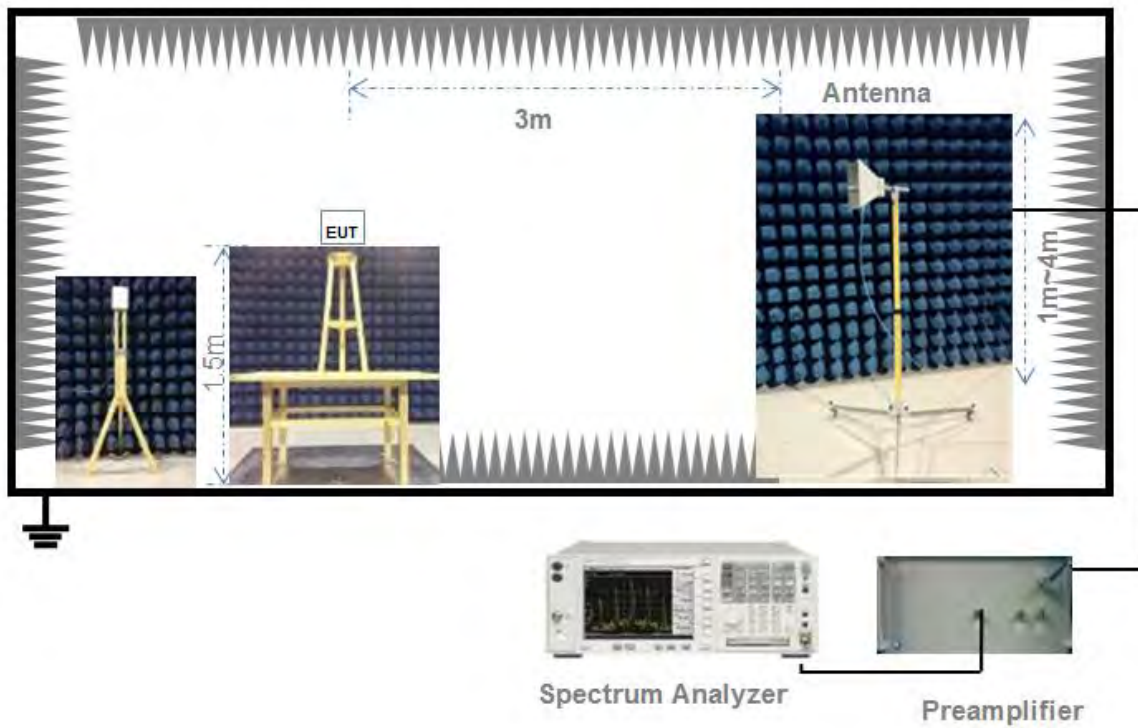
(Diagram 3)

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

The section 4.4.2 (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)

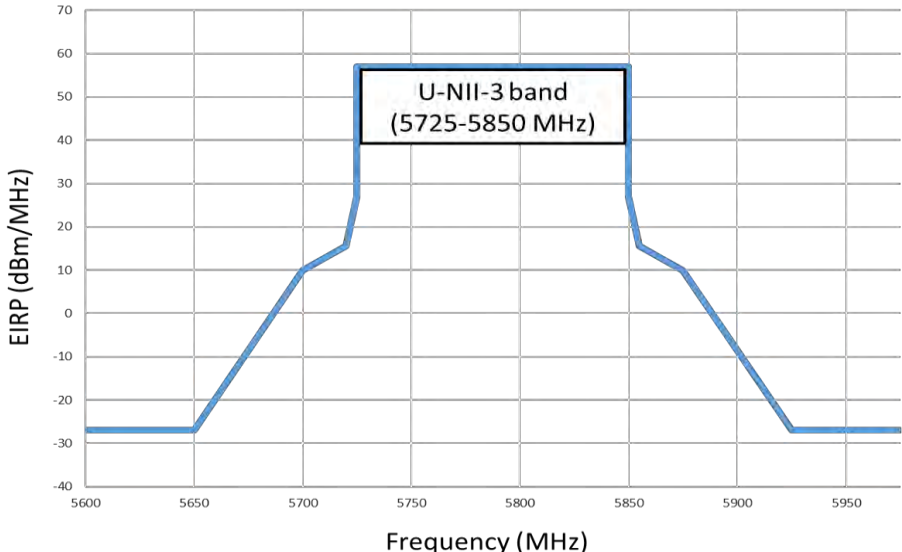
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

The section 4.4.3-4.4.5 (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:

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note: The RF Output Power please refer to the Report No.FR042002-06D, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020, **Section 3.2 Maximum Conducted Output Power Measurement.**

Report No.FR042002E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020, **Section 3.1 Maximum Conducted Output Power Measurement.**

A.2 Emission Bandwidth & 99% Bandwidth

Note: The Emission Bandwidth & 99% Bandwidth please refer to the Report No.FR042002-06D, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020, **Section 3.1 26dB & 99% Occupied Bandwidth Measurement.**

Report No.FR042002-06E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020, **Section 3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement.**

A.3 6 dB Bandwidth

Note: The Emission Bandwidth & 99% Bandwidth please refer to the Report No.FR042002-06E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020, **Section 3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement.**

A.4 Power Spectral Density

Note: The Power Spectral Density please refer to the Report No.FR042002-06D, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Oct. 23, 2020, **Section 3.3 Power Spectral Density.**

Report No.FR042002-06E, which issued by SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory on Sep. 17, 2020, **Section 3.3 Power Spectral Density Measurement.**

A.5 Conducted Emissions

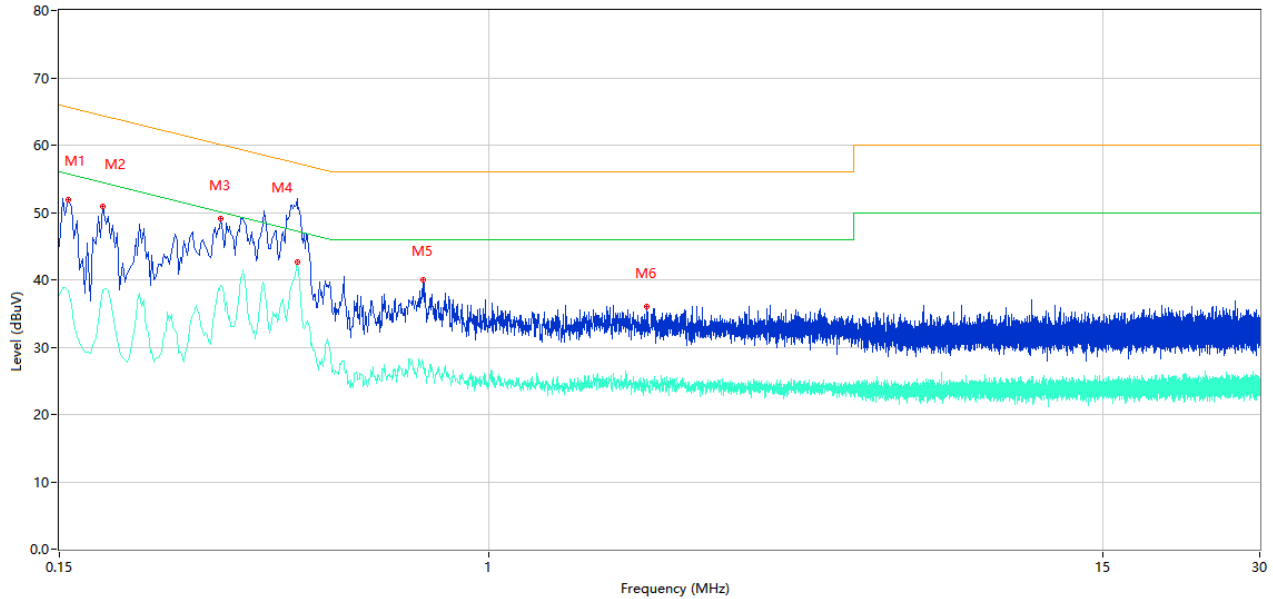
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

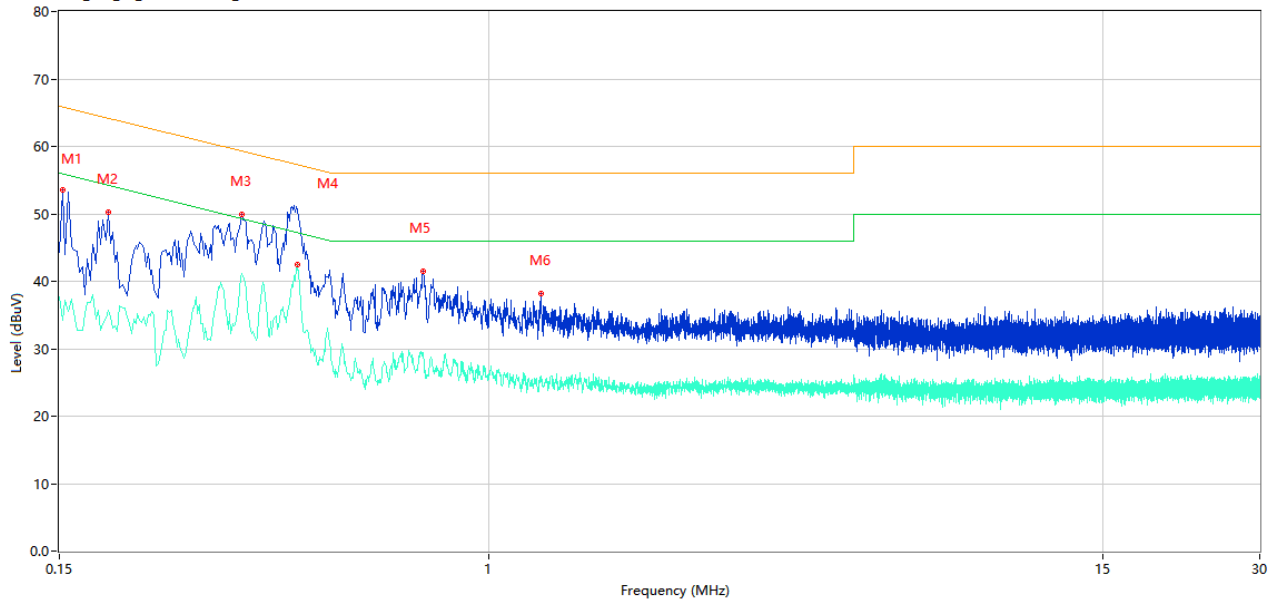
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	51.84	10.41	65.67	-13.83	Peak	L	Pass
1**	0.156	38.27	10.41	55.67	-17.40	AV	L	Pass
2	0.182	50.92	10.39	64.39	-13.47	Peak	L	Pass
2**	0.182	38.44	10.39	54.39	-15.95	AV	L	Pass
3	0.306	49.04	10.33	60.08	-11.04	Peak	L	Pass
3**	0.306	39.23	10.33	50.08	-10.85	AV	L	Pass
4	0.428	52.02	10.31	57.29	-5.27	Peak	L	Pass
4**	0.428	42.72	10.31	47.29	-4.57	AV	L	Pass
5	0.746	40.01	10.26	56.00	-15.99	Peak	L	Pass
5**	0.746	27.54	10.26	46.00	-18.46	AV	L	Pass
6	2.000	36.04	10.26	56.00	-19.96	Peak	L	Pass
6**	2.000	24.42	10.26	46.00	-21.58	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	53.49	10.41	65.89	-12.40	Peak	N	Pass
1**	0.152	34.24	10.41	55.89	-21.65	AV	N	Pass
2	0.186	50.17	10.39	64.21	-14.04	Peak	N	Pass
2**	0.186	35.72	10.39	54.21	-18.49	AV	N	Pass
3	0.336	49.92	10.32	59.30	-9.38	Peak	N	Pass
3**	0.336	41.20	10.32	49.30	-8.10	AV	N	Pass
4	0.430	50.80	10.31	57.25	-6.45	Peak	N	Pass
4**	0.430	42.46	10.31	47.25	-4.79	AV	N	Pass
5	0.748	41.57	10.26	56.00	-14.43	Peak	N	Pass
5**	0.748	28.58	10.26	46.00	-17.42	AV	N	Pass
6	1.258	38.10	10.25	56.00	-17.90	Peak	N	Pass
6**	1.258	25.12	10.25	46.00	-20.88	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.

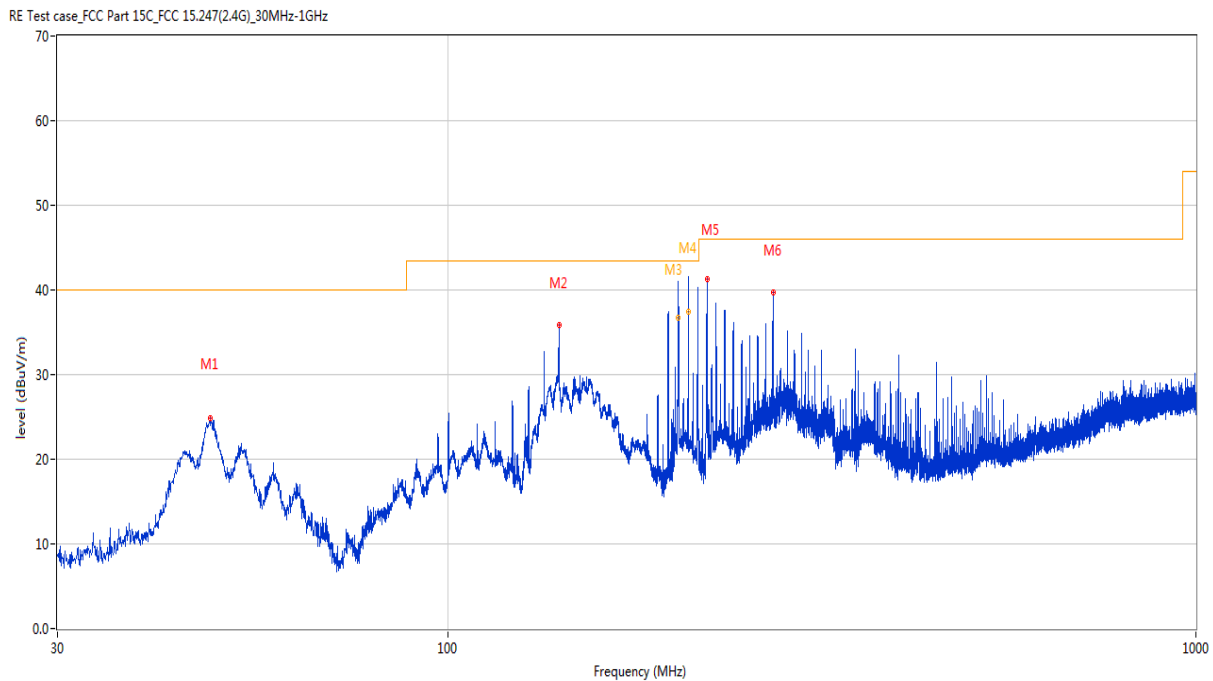
Note ²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

Note ⁵: For Multiple transmitter output, the quantity $10 \log(NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log(NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

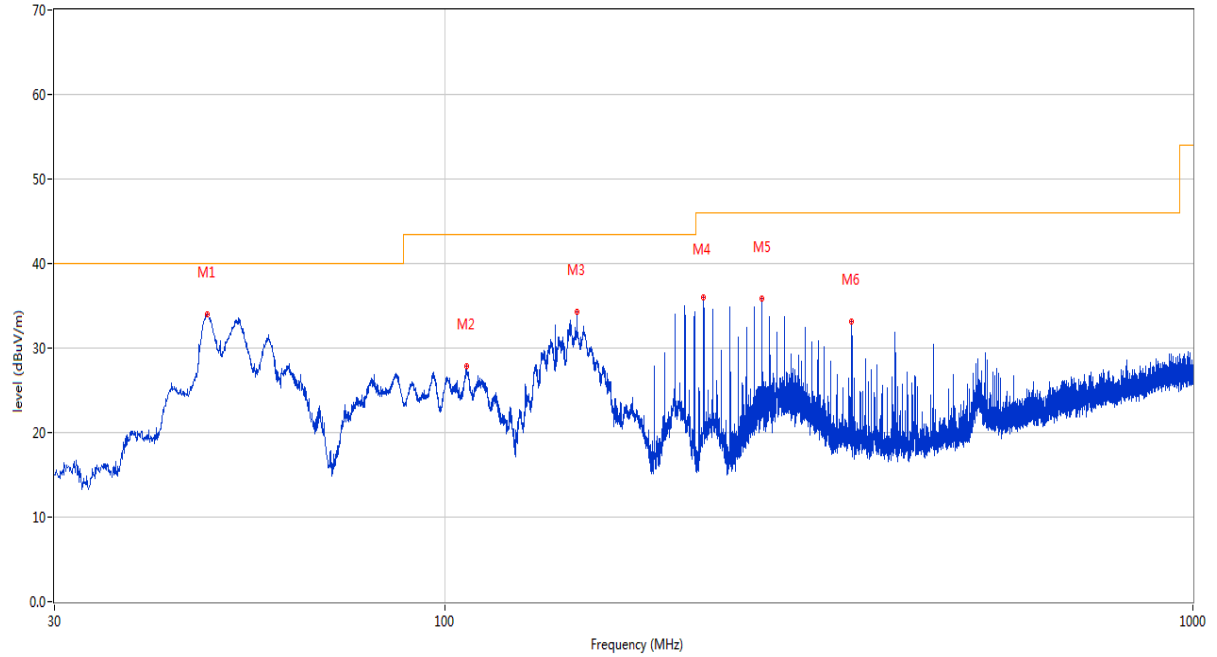
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.042	24.79	-22.63	40.0	-15.21	Peak	0.00	200	Horizontal	Pass
2	140.531	35.83	-27.54	43.5	-7.67	Peak	186.50	200	Horizontal	Pass
3	202.956	44.43	-23.75	43.5	0.93	Peak	131.80	138	Horizontal	N/A
3*	202.956	36.73	-23.75	43.5	-6.77	QP	131.80	138	Horizontal	Pass
4	209.205	45.07	-24.04	43.5	1.57	Peak	126.60	153	Horizontal	N/A
4*	209.205	37.49	-24.04	43.5	-6.01	QP	126.60	153	Horizontal	Pass
5	221.769	41.31	-23.91	46.0	-4.69	Peak	262.40	100	Horizontal	Pass
6	271.821	39.77	-22.11	46.0	-6.23	Peak	291.50	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.993	34.05	-22.64	40.0	-5.95	Peak	240.50	100	Vertical	Pass
2	106.630	27.79	-24.12	43.5	-15.71	Peak	180.70	100	Vertical	Pass
3	149.892	34.24	-28.19	43.5	-9.26	Peak	61.00	100	Vertical	Pass
4	221.624	36.00	-23.90	46.0	-10.00	Peak	243.60	200	Vertical	Pass
5	265.371	35.91	-22.17	46.0	-10.09	Peak	341.60	200	Vertical	Pass
6	349.809	33.21	-20.09	46.0	-12.79	Peak	360.00	200	Vertical	Pass

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

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.300	36.46	-17.53	74.0	-37.54	Peak	49.00	150	Horizontal	Pass
1**	1541.300	27.59	-17.53	54.0	-26.41	AV	49.00	150	Horizontal	Pass
2	2737.500	42.50	-10.97	74.0	-31.50	Peak	0.00	150	Horizontal	Pass
2**	2737.500	33.17	-10.97	54.0	-20.83	AV	0.00	150	Horizontal	Pass
3	4068.200	46.62	-5.47	74.0	-27.38	Peak	0.00	150	Horizontal	Pass
3**	4068.200	37.50	-5.47	54.0	-16.50	AV	0.00	150	Horizontal	Pass
4	5181.800	104.07	-2.71	--	--	Peak	170.00	150	Horizontal	N/A
4**	5181.800	98.12	-2.71	--	--	AV	170.00	150	Horizontal	N/A
5	11751.800	49.81	0.97	74.0	-24.19	Peak	86.00	150	Horizontal	Pass
5**	11751.800	39.72	0.97	54.0	-14.28	AV	86.00	150	Horizontal	Pass
6	15779.775	53.67	1.53	74.0	-20.33	Peak	128.00	150	Horizontal	Pass
6**	15779.775	44.67	1.53	54.0	-9.33	AV	128.00	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	1480.100	39.43	-17.56	74.0	-34.57	Peak	360.00	150	Vertical	Pass
1**	1480.100	35.14	-17.56	54.0	-18.86	AV	360.00	150	Vertical	Pass
2	2793.800	41.62	-10.61	74.0	-32.38	Peak	45.00	150	Vertical	Pass
2**	2793.800	32.89	-10.61	54.0	-21.11	AV	45.00	150	Vertical	Pass
3	4016.400	46.47	-5.12	74.0	-27.53	Peak	360.00	150	Vertical	Pass
3**	4016.400	38.96	-5.12	54.0	-15.04	AV	360.00	150	Vertical	Pass
4	5181.800	103.30	-2.71	--	--	Peak	349.00	150	Vertical	N/A
4**	5181.800	97.08	-2.71	--	--	AV	349.00	150	Vertical	N/A
5	11768.188	49.81	1.29	74.0	-24.19	Peak	-1.00	150	Vertical	Pass
5**	11768.188	41.47	1.29	54.0	-12.53	AV	-1.00	150	Vertical	Pass
6	15905.512	52.62	0.34	74.0	-21.38	Peak	302.00	150	Vertical	Pass
6**	15905.512	43.93	0.34	54.0	-10.07	AV	302.00	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	1057.200	37.06	-18.51	74.0	-36.94	Peak	121.00	150	Horizontal	Pass
1**	1057.200	31.77	-18.51	54.0	-22.23	AV	121.00	150	Horizontal	Pass
2	2811.100	42.71	-10.18	74.0	-31.29	Peak	79.00	150	Horizontal	Pass
2**	2811.100	33.58	-10.18	54.0	-20.42	AV	79.00	150	Horizontal	Pass
3	4210.800	47.30	-5.26	74.0	-26.70	Peak	279.00	150	Horizontal	Pass
3**	4210.800	38.48	-5.26	54.0	-15.52	AV	279.00	150	Horizontal	Pass
4	5216.000	103.72	-2.86	--	--	Peak	340.00	150	Horizontal	N/A
4**	5216.000	96.62	-2.86	--	--	AV	340.00	150	Horizontal	N/A
5	11576.138	49.48	-0.39	74.0	-24.52	Peak	118.00	150	Horizontal	Pass
5**	11576.138	39.69	-0.39	54.0	-14.31	AV	118.00	150	Horizontal	Pass
6	15811.537	53.62	2.13	74.0	-20.38	Peak	276.00	150	Horizontal	Pass
6**	15811.537	45.52	2.13	54.0	-8.48	AV	276.00	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	1479.900	39.06	-17.55	74.0	-34.94	Peak	-3.00	150	Vertical	Pass
1**	1479.900	34.87	-17.55	54.0	-19.13	AV	-3.00	150	Vertical	Pass
2	2817.100	42.03	-10.19	74.0	-31.97	Peak	44.00	150	Vertical	Pass
2**	2817.100	33.82	-10.19	54.0	-20.18	AV	44.00	150	Vertical	Pass
3	4051.200	46.65	-4.80	74.0	-27.35	Peak	11.00	150	Vertical	Pass
3**	4051.200	37.49	-4.80	54.0	-16.51	AV	11.00	150	Vertical	Pass
4	5217.600	102.76	-2.93	--	--	Peak	344.00	150	Vertical	N/A
4**	5217.600	96.40	-2.93	--	--	AV	344.00	150	Vertical	N/A
5	11504.263	49.79	-0.06	74.0	-24.21	Peak	91.00	150	Vertical	Pass
5**	11504.263	40.21	-0.06	54.0	-13.79	AV	91.00	150	Vertical	Pass
6	15788.174	54.11	1.93	74.0	-19.89	Peak	356.00	150	Vertical	Pass
6**	15788.174	45.06	1.93	54.0	-8.94	AV	356.00	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	1516.100	36.99	-17.58	74.0	-37.01	Peak	220.00	150	Horizontal	Pass
1**	1516.100	28.31	-17.58	54.0	-25.69	AV	220.00	150	Horizontal	Pass
2	2795.500	42.14	-10.58	74.0	-31.86	Peak	34.00	150	Horizontal	Pass
2**	2795.500	32.64	-10.58	54.0	-21.36	AV	34.00	150	Horizontal	Pass
3	4090.600	46.57	-5.58	74.0	-27.43	Peak	353.00	150	Horizontal	Pass
3**	4090.600	37.25	-5.58	54.0	-16.75	AV	353.00	150	Horizontal	Pass
4	5238.400	103.67	-2.73	--	--	Peak	353.00	150	Horizontal	N/A
4**	5238.400	96.21	-2.73	--	--	AV	353.00	150	Horizontal	N/A
5	12222.437	49.91	1.26	74.0	-24.09	Peak	177.00	150	Horizontal	Pass
5**	12222.437	40.72	1.26	54.0	-13.28	AV	177.00	150	Horizontal	Pass
6	15645.638	53.66	1.23	74.0	-20.34	Peak	360.00	150	Horizontal	Pass
6**	15645.638	44.74	1.23	54.0	-9.26	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.900	38.87	-17.55	74.0	-35.13	Peak	323.00	150	Vertical	Pass
1**	1479.900	33.78	-17.55	54.0	-20.22	AV	323.00	150	Vertical	Pass
2	2754.600	42.90	-10.75	74.0	-31.10	Peak	11.00	150	Vertical	Pass
2**	2754.600	33.91	-10.75	54.0	-20.09	AV	11.00	150	Vertical	Pass
3	4047.800	46.34	-4.72	74.0	-27.66	Peak	69.00	150	Vertical	Pass
3**	4047.800	37.55	-4.72	54.0	-16.45	AV	69.00	150	Vertical	Pass
4	5238.800	102.48	-2.73	--	--	Peak	349.00	150	Vertical	N/A
4**	5238.800	96.13	-2.73	--	--	AV	349.00	150	Vertical	N/A
5	12082.138	49.67	0.57	74.0	-24.33	Peak	339.00	150	Vertical	Pass
5**	12082.138	40.02	0.57	54.0	-13.98	AV	339.00	150	Vertical	Pass
6	15777.937	53.48	1.43	74.0	-20.52	Peak	173.00	150	Vertical	Pass
6**	15777.937	44.27	1.43	54.0	-9.73	AV	173.00	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	1513.900	37.24	-17.61	74.0	-36.76	Peak	19.00	150	Horizontal	Pass
1**	1513.900	28.82	-17.61	54.0	-25.18	AV	19.00	150	Horizontal	Pass
2	2797.800	42.73	-10.60	74.0	-31.27	Peak	299.00	150	Horizontal	Pass
2**	2797.800	33.12	-10.60	54.0	-20.88	AV	299.00	150	Horizontal	Pass
3	4217.000	46.79	-5.15	74.0	-27.21	Peak	98.00	150	Horizontal	Pass
3**	4217.000	37.35	-5.15	54.0	-16.65	AV	98.00	150	Horizontal	Pass
4	5181.200	103.73	-2.71	--	--	Peak	347.00	150	Horizontal	N/A
4**	5181.200	97.42	-2.71	--	--	AV	347.00	150	Horizontal	N/A
5	11925.450	49.74	1.52	74.0	-24.26	Peak	137.00	150	Horizontal	Pass
5**	11925.450	41.25	1.52	54.0	-12.75	AV	137.00	150	Horizontal	Pass
6	15773.213	53.89	1.20	74.0	-20.11	Peak	107.00	150	Horizontal	Pass
6**	15773.213	44.52	1.20	54.0	-9.48	AV	107.00	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	1479.900	39.10	-17.55	74.0	-34.90	Peak	-3.00	150	Vertical	Pass
1**	1479.900	34.16	-17.55	54.0	-19.84	AV	-3.00	150	Vertical	Pass
2	2792.200	42.60	-10.71	74.0	-31.40	Peak	45.00	150	Vertical	Pass
2**	2792.200	33.45	-10.71	54.0	-20.55	AV	45.00	150	Vertical	Pass
3	3966.000	45.65	-4.83	74.0	-28.35	Peak	359.00	150	Vertical	Pass
3**	3966.000	38.06	-4.83	54.0	-15.94	AV	359.00	150	Vertical	Pass
4	5178.800	102.40	-2.68	--	--	Peak	344.00	150	Vertical	N/A
4**	5178.800	95.48	-2.68	--	--	AV	344.00	150	Vertical	N/A
5	12068.338	49.67	0.82	74.0	-24.33	Peak	226.00	150	Vertical	Pass
5**	12068.338	40.44	0.82	54.0	-13.56	AV	226.00	150	Vertical	Pass
6	15805.237	53.39	2.27	74.0	-20.61	Peak	223.00	150	Vertical	Pass
6**	15805.237	44.68	2.27	54.0	-9.32	AV	223.00	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	1539.100	36.82	-17.51	74.0	-37.18	Peak	88.00	150	Horizontal	Pass
1**	1539.100	27.51	-17.51	54.0	-26.49	AV	88.00	150	Horizontal	Pass
2	2775.300	42.39	-10.49	74.0	-31.61	Peak	1.00	150	Horizontal	Pass
2**	2775.300	33.47	-10.49	54.0	-20.53	AV	1.00	150	Horizontal	Pass
3	4181.800	46.71	-5.11	74.0	-27.29	Peak	326.00	150	Horizontal	Pass
3**	4181.800	36.92	-5.11	54.0	-17.08	AV	326.00	150	Horizontal	Pass
4	5219.200	102.90	-3.04	--	--	Peak	179.00	150	Horizontal	N/A
4**	5219.200	96.61	-3.04	--	--	AV	179.00	150	Horizontal	N/A
5	11664.687	49.53	0.17	74.0	-24.47	Peak	-3.00	150	Horizontal	Pass
5**	11664.687	41.11	0.17	54.0	-12.89	AV	-3.00	150	Horizontal	Pass
6	15802.613	53.74	2.30	74.0	-20.26	Peak	131.00	150	Horizontal	Pass
6**	15802.613	45.04	2.30	54.0	-8.96	AV	131.00	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	1480.300	38.94	-17.57	74.0	-35.06	Peak	360.00	150	Vertical	Pass
1**	1480.300	34.58	-17.57	54.0	-19.42	AV	360.00	150	Vertical	Pass
2	2803.800	43.11	-10.40	74.0	-30.89	Peak	148.00	150	Vertical	Pass
2**	2803.800	33.41	-10.40	54.0	-20.59	AV	148.00	150	Vertical	Pass
3	3951.600	47.05	-4.71	74.0	-26.95	Peak	88.00	150	Vertical	Pass
3**	3951.600	37.41	-4.71	54.0	-16.59	AV	88.00	150	Vertical	Pass
4	5219.000	101.52	-3.03	--	--	Peak	348.00	150	Vertical	N/A
4**	5219.000	94.76	-3.03	--	--	AV	348.00	150	Vertical	N/A
5	11935.513	49.80	1.69	74.0	-24.20	Peak	360.00	150	Vertical	Pass
5**	11935.513	41.18	1.69	54.0	-12.82	AV	360.00	150	Vertical	Pass
6	15803.400	53.61	2.29	74.0	-20.39	Peak	332.00	150	Vertical	Pass
6**	15803.400	45.70	2.29	54.0	-8.30	AV	332.00	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	1340.000	38.29	-17.44	74.0	-35.71	Peak	-3.00	150	Horizontal	Pass
1**	1340.000	28.55	-17.44	54.0	-25.45	AV	-3.00	150	Horizontal	Pass
2	2794.300	42.34	-10.56	74.0	-31.66	Peak	2.00	150	Horizontal	Pass
2**	2794.300	32.53	-10.56	54.0	-21.47	AV	2.00	150	Horizontal	Pass
3	3966.400	46.27	-4.85	74.0	-27.73	Peak	252.00	150	Horizontal	Pass
3**	3966.400	37.29	-4.85	54.0	-16.71	AV	252.00	150	Horizontal	Pass
4	5240.800	102.34	-2.70	--	--	Peak	346.00	150	Horizontal	N/A
4**	5240.800	96.59	-2.70	--	--	AV	346.00	150	Horizontal	N/A
5	11352.463	49.85	-0.09	74.0	-24.15	Peak	273.00	150	Horizontal	Pass
5**	11352.463	39.86	-0.09	54.0	-14.14	AV	273.00	150	Horizontal	Pass
6	15802.087	53.78	2.31	74.0	-20.22	Peak	149.00	150	Horizontal	Pass
6**	15802.087	44.77	2.31	54.0	-9.23	AV	149.00	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	1479.700	38.78	-17.55	74.0	-35.22	Peak	-3.00	150	Vertical	Pass
1**	1479.700	35.74	-17.55	54.0	-18.26	AV	-3.00	150	Vertical	Pass
2	2779.500	43.44	-10.43	74.0	-30.56	Peak	27.00	150	Vertical	Pass
2**	2779.500	32.88	-10.43	54.0	-21.12	AV	27.00	150	Vertical	Pass
3	4005.800	46.38	-5.11	74.0	-27.62	Peak	148.00	150	Vertical	Pass
3**	4005.800	36.93	-5.11	54.0	-17.07	AV	148.00	150	Vertical	Pass
4	5238.800	102.15	-2.73	--	--	Peak	74.00	150	Vertical	N/A
4**	5238.800	95.55	-2.73	--	--	AV	74.00	150	Vertical	N/A
5	11658.937	50.05	0.09	74.0	-23.95	Peak	-3.00	150	Vertical	Pass
5**	11658.937	40.49	0.09	54.0	-13.51	AV	-3.00	150	Vertical	Pass
6	15795.262	53.31	2.18	74.0	-20.69	Peak	42.00	150	Vertical	Pass
6**	15795.262	46.14	2.18	54.0	-7.86	AV	42.00	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	1571.100	36.83	-17.49	74.0	-37.17	Peak	360.00	150	Horizontal	Pass
1**	1571.100	28.22	-17.49	54.0	-25.78	AV	360.00	150	Horizontal	Pass
2	2824.300	42.73	-10.33	74.0	-31.27	Peak	360.00	150	Horizontal	Pass
2**	2824.300	33.36	-10.33	54.0	-20.64	AV	360.00	150	Horizontal	Pass
3	3801.200	45.90	-5.59	74.0	-28.10	Peak	360.00	150	Horizontal	Pass
3**	3801.200	36.56	-5.59	54.0	-17.44	AV	360.00	150	Horizontal	Pass
4	5188.600	98.88	-2.68	--	--	Peak	344.00	150	Horizontal	N/A
4**	5188.600	91.75	-2.68	--	--	AV	344.00	150	Horizontal	N/A
5	11986.113	49.95	1.02	74.0	-24.05	Peak	301.00	150	Horizontal	Pass
5**	11986.113	41.69	1.02	54.0	-12.31	AV	301.00	150	Horizontal	Pass
6	15809.175	53.67	2.18	74.0	-20.33	Peak	360.00	150	Horizontal	Pass
6**	15809.175	44.78	2.18	54.0	-9.22	AV	360.00	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	1480.100	39.00	-17.56	74.0	-35.00	Peak	345.00	150	Vertical	Pass
1**	1480.100	35.28	-17.56	54.0	-18.72	AV	345.00	150	Vertical	Pass
2	2749.800	42.32	-10.76	74.0	-31.68	Peak	-2.00	150	Vertical	Pass
2**	2749.800	33.55	-10.76	54.0	-20.45	AV	-2.00	150	Vertical	Pass
3	4138.400	46.26	-4.88	74.0	-27.74	Peak	352.00	150	Vertical	Pass
3**	4138.400	37.53	-4.88	54.0	-16.47	AV	352.00	150	Vertical	Pass
4	5187.000	97.47	-2.73	--	--	Peak	352.00	150	Vertical	N/A
4**	5187.000	90.27	-2.73	--	--	AV	352.00	150	Vertical	N/A
5	11655.487	50.00	-0.01	74.0	-24.00	Peak	49.00	150	Vertical	Pass
5**	11655.487	40.83	-0.01	54.0	-13.17	AV	49.00	150	Vertical	Pass
6	15513.075	53.78	1.41	74.0	-20.22	Peak	107.00	150	Vertical	Pass
6**	15513.075	44.69	1.41	54.0	-9.31	AV	107.00	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	1489.400	36.70	-17.51	74.0	-37.30	Peak	58.00	150	Horizontal	Pass
1**	1489.400	28.19	-17.51	54.0	-25.81	AV	58.00	150	Horizontal	Pass
2	2821.900	42.60	-10.23	74.0	-31.40	Peak	35.00	150	Horizontal	Pass
2**	2821.900	33.65	-10.23	54.0	-20.35	AV	35.00	150	Horizontal	Pass
3	4106.000	46.83	-5.67	74.0	-27.17	Peak	344.00	150	Horizontal	Pass
3**	4106.000	37.72	-5.67	54.0	-16.28	AV	344.00	150	Horizontal	Pass
4	5219.000	99.97	-3.03	--	--	Peak	344.00	150	Horizontal	N/A
4**	5219.000	93.00	-3.03	--	--	AV	344.00	150	Horizontal	N/A
5	12008.825	50.04	1.21	74.0	-23.96	Peak	-3.00	150	Horizontal	Pass
5**	12008.825	42.44	1.21	54.0	-11.56	AV	-3.00	150	Horizontal	Pass
6	15805.237	53.86	2.27	74.0	-20.14	Peak	157.00	150	Horizontal	Pass
6**	15805.237	45.10	2.27	54.0	-8.90	AV	157.00	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	1489.400	36.70	-17.51	74.0	-37.30	Peak	58.00	150	Horizontal	Pass
1**	1489.400	28.19	-17.51	54.0	-25.81	AV	58.00	150	Horizontal	Pass
2	2821.900	42.60	-10.23	74.0	-31.40	Peak	35.00	150	Horizontal	Pass
2**	2821.900	33.65	-10.23	54.0	-20.35	AV	35.00	150	Horizontal	Pass
3	4106.000	46.83	-5.67	74.0	-27.17	Peak	344.00	150	Horizontal	Pass
3**	4106.000	37.72	-5.67	54.0	-16.28	AV	344.00	150	Horizontal	Pass
4	5219.000	99.97	-3.03	--	--	Peak	344.00	150	Horizontal	N/A
4**	5219.000	93.00	-3.03	--	--	AV	344.00	150	Horizontal	N/A
5	12008.825	50.04	1.21	74.0	-23.96	Peak	-3.00	150	Horizontal	Pass
5**	12008.825	42.44	1.21	54.0	-11.56	AV	-3.00	150	Horizontal	Pass
6	15805.237	53.86	2.27	74.0	-20.14	Peak	157.00	150	Horizontal	Pass
6**	15805.237	45.10	2.27	54.0	-8.90	AV	157.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	36.88	-17.55	74.0	-37.12	Peak	198.00	150	Horizontal	Pass
1**	1499.200	27.54	-17.55	54.0	-26.46	AV	198.00	150	Horizontal	Pass
2	2780.300	42.42	-10.42	74.0	-31.58	Peak	27.00	150	Horizontal	Pass
2**	2780.300	34.54	-10.42	54.0	-19.46	AV	27.00	150	Horizontal	Pass
3	4158.000	46.89	-4.92	74.0	-27.11	Peak	360.00	150	Horizontal	Pass
3**	4158.000	38.30	-4.92	54.0	-15.70	AV	360.00	150	Horizontal	Pass
4	5180.800	104.08	-2.70	--	--	Peak	349.00	150	Horizontal	N/A
4**	5180.800	97.37	-2.70	--	--	AV	349.00	150	Horizontal	N/A
5	11634.787	50.29	-0.21	74.0	-23.71	Peak	307.00	150	Horizontal	Pass
5**	11634.787	40.65	-0.21	54.0	-13.35	AV	307.00	150	Horizontal	Pass
6	15643.275	54.25	1.28	74.0	-19.75	Peak	66.00	150	Horizontal	Pass
6**	15643.275	43.98	1.28	54.0	-10.02	AV	66.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.700	40.23	-17.55	74.0	-33.77	Peak	0.00	150	Vertical	Pass
1**	1479.700	31.83	-17.55	54.0	-22.17	AV	0.00	150	Vertical	Pass
2	2781.800	42.06	-10.39	74.0	-31.94	Peak	126.00	150	Vertical	Pass
2**	2781.800	33.00	-10.39	54.0	-21.00	AV	126.00	150	Vertical	Pass
3	4084.000	47.03	-5.31	74.0	-26.97	Peak	290.00	150	Vertical	Pass
3**	4084.000	38.24	-5.31	54.0	-15.76	AV	290.00	150	Vertical	Pass
4	5181.200	102.02	-2.71	--	--	Peak	356.00	150	Vertical	N/A
4**	5181.200	95.77	-2.71	--	--	AV	356.00	150	Vertical	N/A
5	11081.638	49.90	-1.36	74.0	-24.10	Peak	125.00	150	Vertical	Pass
5**	11081.638	40.64	-1.36	54.0	-13.36	AV	125.00	150	Vertical	Pass
6	15811.276	54.17	2.14	74.0	-19.83	Peak	112.00	150	Vertical	Pass
6**	15811.276	45.66	2.14	54.0	-8.34	AV	112.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.900	36.54	-17.49	74.0	-37.46	Peak	73.00	150	Horizontal	Pass
1**	1537.900	27.15	-17.49	54.0	-26.85	AV	73.00	150	Horizontal	Pass
2	2840.200	43.08	-10.24	74.0	-30.92	Peak	-3.00	150	Horizontal	Pass
2**	2840.200	33.89	-10.24	54.0	-20.11	AV	-3.00	150	Horizontal	Pass
3	4085.600	46.60	-5.37	74.0	-27.40	Peak	360.00	150	Horizontal	Pass
3**	4085.600	38.60	-5.37	54.0	-15.40	AV	360.00	150	Horizontal	Pass
4	5221.000	103.10	-3.05	--	--	Peak	345.00	150	Horizontal	N/A
4**	5221.000	96.01	-3.05	--	--	AV	345.00	150	Horizontal	N/A
5	11995.600	49.76	1.22	74.0	-24.24	Peak	95.00	150	Horizontal	Pass
5**	11995.600	40.83	1.22	54.0	-13.17	AV	95.00	150	Horizontal	Pass
6	15670.575	53.42	1.44	74.0	-20.58	Peak	216.00	150	Horizontal	Pass
6**	15670.575	43.78	1.44	54.0	-10.22	AV	216.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	38.95	-17.55	74.0	-35.05	Peak	-3.00	150	Vertical	Pass
1**	1479.800	34.82	-17.55	54.0	-19.18	AV	-3.00	150	Vertical	Pass
2	2776.500	42.04	-10.45	74.0	-31.96	Peak	343.00	150	Vertical	Pass
2**	2776.500	33.96	-10.45	54.0	-20.04	AV	343.00	150	Vertical	Pass
3	4085.400	46.20	-5.36	74.0	-27.80	Peak	294.00	150	Vertical	Pass
3**	4085.400	37.53	-5.36	54.0	-16.47	AV	294.00	150	Vertical	Pass
4	5221.600	102.07	-3.04	--	--	Peak	343.00	150	Vertical	N/A
4**	5221.600	95.11	-3.04	--	--	AV	343.00	150	Vertical	N/A
5	11781.412	49.80	1.19	74.0	-24.20	Peak	0.00	150	Vertical	Pass
5**	11781.412	39.84	1.19	54.0	-14.16	AV	0.00	150	Vertical	Pass
6	15801.037	53.88	2.32	74.0	-20.12	Peak	233.00	150	Vertical	Pass
6**	15801.037	44.59	2.32	54.0	-9.41	AV	233.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.800	36.46	-17.57	74.0	-37.54	Peak	265.00	150	Horizontal	Pass
1**	1532.800	27.33	-17.57	54.0	-26.67	AV	265.00	150	Horizontal	Pass
2	2799.500	42.21	-10.56	74.0	-31.79	Peak	0.00	150	Horizontal	Pass
2**	2799.500	33.59	-10.56	54.0	-20.41	AV	0.00	150	Horizontal	Pass
3	4064.200	46.17	-5.25	74.0	-27.83	Peak	360.00	150	Horizontal	Pass
3**	4064.200	37.51	-5.25	54.0	-16.49	AV	360.00	150	Horizontal	Pass
4	5238.600	103.48	-2.73	--	--	Peak	351.00	150	Horizontal	N/A
4**	5238.600	97.12	-2.73	--	--	AV	351.00	150	Horizontal	N/A
5	12226.750	50.33	1.31	74.0	-23.67	Peak	-3.00	150	Horizontal	Pass
5**	12226.750	41.58	1.31	54.0	-12.42	AV	-3.00	150	Horizontal	Pass
6	15802.875	54.53	2.30	74.0	-19.47	Peak	90.00	150	Horizontal	Pass
6**	15802.875	45.01	2.30	54.0	-8.99	AV	90.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.600	39.47	-17.54	74.0	-34.53	Peak	315.00	150	Vertical	Pass
1**	1479.600	33.77	-17.54	54.0	-20.23	AV	315.00	150	Vertical	Pass
2	2823.900	41.62	-10.31	74.0	-32.38	Peak	315.00	150	Vertical	Pass
2**	2823.900	34.10	-10.31	54.0	-19.90	AV	315.00	150	Vertical	Pass
3	4046.600	46.44	-4.80	74.0	-27.56	Peak	284.00	150	Vertical	Pass
3**	4046.600	37.56	-4.80	54.0	-16.44	AV	284.00	150	Vertical	Pass
4	5240.800	101.83	-2.70	--	--	Peak	82.00	150	Vertical	N/A
4**	5240.800	95.13	-2.70	--	--	AV	82.00	150	Vertical	N/A
5	12102.550	50.25	0.58	74.0	-23.75	Peak	48.00	150	Vertical	Pass
5**	12102.550	40.76	0.58	54.0	-13.24	AV	48.00	150	Vertical	Pass
6	15790.012	53.62	2.01	74.0	-20.38	Peak	152.00	150	Vertical	Pass
6**	15790.012	45.68	2.01	54.0	-8.32	AV	152.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.100	36.63	-17.49	74.0	-37.37	Peak	161.00	150	Horizontal	Pass
1**	1545.100	27.37	-17.49	54.0	-26.63	AV	161.00	150	Horizontal	Pass
2	2833.500	42.98	-10.35	74.0	-31.02	Peak	161.00	150	Horizontal	Pass
2**	2833.500	33.92	-10.35	54.0	-20.08	AV	161.00	150	Horizontal	Pass
3	4025.200	46.69	-5.10	74.0	-27.31	Peak	360.00	150	Horizontal	Pass
3**	4025.200	36.81	-5.10	54.0	-17.19	AV	360.00	150	Horizontal	Pass
4	5191.800	98.19	-2.65	--	--	Peak	343.00	150	Horizontal	N/A
4**	5191.800	91.60	-2.65	--	--	AV	343.00	150	Horizontal	N/A
5	11843.512	49.76	1.15	74.0	-24.24	Peak	122.00	150	Horizontal	Pass
5**	11843.512	40.00	1.15	54.0	-14.00	AV	122.00	150	Horizontal	Pass
6	15795.787	53.30	2.19	74.0	-20.70	Peak	191.00	150	Horizontal	Pass
6**	15795.787	45.37	2.19	54.0	-8.63	AV	191.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	38.84	-17.55	74.0	-35.16	Peak	341.00	150	Vertical	Pass
1**	1479.800	35.90	-17.55	54.0	-18.10	AV	341.00	150	Vertical	Pass
2	2775.600	42.79	-10.48	74.0	-31.21	Peak	-3.00	150	Vertical	Pass
2**	2775.600	33.86	-10.48	54.0	-20.14	AV	-3.00	150	Vertical	Pass
3	4144.200	46.59	-4.84	74.0	-27.41	Peak	302.00	150	Vertical	Pass
3**	4144.200	37.47	-4.84	54.0	-16.53	AV	302.00	150	Vertical	Pass
4	5188.800	96.63	-2.68	--	--	Peak	360.00	150	Vertical	N/A
4**	5188.800	89.83	-2.68	--	--	AV	360.00	150	Vertical	N/A
5	11231.425	49.85	-0.32	74.0	-24.15	Peak	0.00	150	Vertical	Pass
5**	11231.425	42.54	-0.32	54.0	-11.46	AV	0.00	150	Vertical	Pass
6	15841.200	54.11	1.43	74.0	-19.89	Peak	30.00	150	Vertical	Pass
6**	15841.200	44.03	1.43	54.0	-9.97	AV	30.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.300	36.95	-17.57	74.0	-37.05	Peak	-3.00	150	Horizontal	Pass
1**	1480.300	29.15	-17.57	54.0	-24.85	AV	-3.00	150	Horizontal	Pass
2	2843.300	43.24	-10.28	74.0	-30.76	Peak	0.00	150	Horizontal	Pass
2**	2843.300	33.38	-10.28	54.0	-20.62	AV	0.00	150	Horizontal	Pass
3	4061.000	46.95	-5.07	74.0	-27.05	Peak	255.00	150	Horizontal	Pass
3**	4061.000	38.34	-5.07	54.0	-15.66	AV	255.00	150	Horizontal	Pass
4	5219.400	99.69	-3.04	--	--	Peak	345.00	150	Horizontal	N/A
4**	5219.400	92.83	-3.04	--	--	AV	345.00	150	Horizontal	N/A
5	11793.200	49.69	0.94	74.0	-24.31	Peak	298.00	150	Horizontal	Pass
5**	11793.200	40.03	0.94	54.0	-13.97	AV	298.00	150	Horizontal	Pass
6	15801.562	54.06	2.31	74.0	-19.94	Peak	360.00	150	Horizontal	Pass
6**	15801.562	45.68	2.31	54.0	-8.32	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.000	39.97	-17.56	74.0	-34.03	Peak	341.00	150	Vertical	Pass
1**	1480.000	35.33	-17.56	54.0	-18.67	AV	341.00	150	Vertical	Pass
2	2742.700	42.77	-10.93	74.0	-31.23	Peak	185.00	150	Vertical	Pass
2**	2742.700	32.61	-10.93	54.0	-21.39	AV	185.00	150	Vertical	Pass
3	4072.600	46.66	-5.49	74.0	-27.34	Peak	332.00	150	Vertical	Pass
3**	4072.600	37.49	-5.49	54.0	-16.51	AV	332.00	150	Vertical	Pass
4	5218.800	99.10	-3.01	--	--	Peak	349.00	150	Vertical	N/A
4**	5218.800	91.19	-3.01	--	--	AV	349.00	150	Vertical	N/A
5	11764.163	49.68	1.29	74.0	-24.32	Peak	108.00	150	Vertical	Pass
5**	11764.163	41.44	1.29	54.0	-12.56	AV	108.00	150	Vertical	Pass
6	15804.713	54.41	2.27	74.0	-19.59	Peak	360.00	150	Vertical	Pass
6**	15804.713	44.18	2.27	54.0	-9.82	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.700	36.97	-17.39	74.0	-37.03	Peak	0.00	150	Horizontal	Pass
1**	1550.700	28.67	-17.39	54.0	-25.33	AV	0.00	150	Horizontal	Pass
2	2812.500	43.00	-10.09	74.0	-31.00	Peak	360.00	150	Horizontal	Pass
2**	2812.500	32.79	-10.09	54.0	-21.21	AV	360.00	150	Horizontal	Pass
3	4087.600	46.70	-5.43	74.0	-27.30	Peak	248.00	150	Horizontal	Pass
3**	4087.600	37.47	-5.43	54.0	-16.53	AV	248.00	150	Horizontal	Pass
4	5204.600	94.12	-2.51	--	--	Peak	358.00	150	Horizontal	N/A
4**	5204.600	86.83	-2.51	--	--	AV	358.00	150	Horizontal	N/A
5	11494.487	49.84	0.05	74.0	-24.16	Peak	113.00	150	Horizontal	Pass
5**	11494.487	41.28	0.05	54.0	-12.72	AV	113.00	150	Horizontal	Pass
6	15781.875	53.75	1.64	74.0	-20.25	Peak	360.00	150	Horizontal	Pass
6**	15781.875	44.37	1.64	54.0	-9.63	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.600	38.60	-17.54	74.0	-35.40	Peak	360.00	150	Vertical	Pass
1**	1479.600	32.58	-17.54	54.0	-21.42	AV	360.00	150	Vertical	Pass
2	2774.600	43.01	-10.48	74.0	-30.99	Peak	-3.00	150	Vertical	Pass
2**	2774.600	33.35	-10.48	54.0	-20.65	AV	-3.00	150	Vertical	Pass
3	4059.400	46.34	-4.93	74.0	-27.66	Peak	94.00	150	Vertical	Pass
3**	4059.400	37.18	-4.93	54.0	-16.82	AV	94.00	150	Vertical	Pass
4	5204.400	92.90	-2.52	--	--	Peak	360.00	150	Vertical	N/A
4**	5204.400	85.36	-2.52	--	--	AV	360.00	150	Vertical	N/A
5	11489.313	50.17	0.07	74.0	-23.83	Peak	141.00	150	Vertical	Pass
5**	11489.313	40.46	0.07	54.0	-13.54	AV	141.00	150	Vertical	Pass
6	15808.388	53.76	2.20	74.0	-20.24	Peak	25.00	150	Vertical	Pass
6**	15808.388	44.90	2.20	54.0	-9.10	AV	25.00	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	1520.900	36.64	-17.67	74.0	-37.36	Peak	84.00	150	Horizontal	Pass
1**	1520.900	28.07	-17.67	54.0	-25.93	AV	84.00	150	Horizontal	Pass
2	2836.200	43.06	-10.39	74.0	-30.94	Peak	256.00	150	Horizontal	Pass
2**	2836.200	33.51	-10.39	54.0	-20.49	AV	256.00	150	Horizontal	Pass
3	4048.000	46.51	-4.70	74.0	-27.49	Peak	0.00	150	Horizontal	Pass
3**	4048.000	38.03	-4.70	54.0	-15.97	AV	0.00	150	Horizontal	Pass
4	5743.400	104.13	-2.28	--	--	Peak	156.00	150	Horizontal	N/A
4**	5743.400	97.57	-2.28	--	--	AV	156.00	150	Horizontal	N/A
5	11648.012	49.48	-0.18	74.0	-24.52	Peak	321.00	150	Horizontal	Pass
5**	11648.012	40.27	-0.18	54.0	-13.73	AV	321.00	150	Horizontal	Pass
6	15808.388	53.73	2.20	74.0	-20.27	Peak	102.00	150	Horizontal	Pass
6**	15808.388	44.94	2.20	54.0	-9.06	AV	102.00	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	1479.800	39.65	-17.55	74.0	-34.35	Peak	335.00	150	Vertical	Pass
1**	1479.800	35.67	-17.55	54.0	-18.33	AV	335.00	150	Vertical	Pass
2	2780.600	42.52	-10.41	74.0	-31.48	Peak	179.00	150	Vertical	Pass
2**	2780.600	32.72	-10.41	54.0	-21.28	AV	179.00	150	Vertical	Pass
3	3953.200	46.49	-4.65	74.0	-27.51	Peak	82.00	150	Vertical	Pass
3**	3953.200	37.85	-4.65	54.0	-16.15	AV	82.00	150	Vertical	Pass
4	5746.800	104.85	-2.37	--	--	Peak	188.00	150	Vertical	N/A
4**	5746.800	98.50	-2.37	--	--	AV	188.00	150	Vertical	N/A
5	11350.737	50.06	-0.05	74.0	-23.94	Peak	338.00	150	Vertical	Pass
5**	11350.737	40.98	-0.05	54.0	-13.02	AV	338.00	150	Vertical	Pass
6	15802.087	54.33	2.31	74.0	-19.67	Peak	284.00	150	Vertical	Pass
6**	15802.087	45.94	2.31	54.0	-8.06	AV	284.00	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	1524.100	37.23	-17.52	74.0	-36.77	Peak	229.00	150	Horizontal	Pass
1**	1524.100	27.22	-17.52	54.0	-26.78	AV	229.00	150	Horizontal	Pass
2	2797.800	42.19	-10.60	74.0	-31.81	Peak	164.00	150	Horizontal	Pass
2**	2797.800	33.17	-10.60	54.0	-20.83	AV	164.00	150	Horizontal	Pass
3	3847.400	46.99	-5.38	74.0	-27.01	Peak	273.00	150	Horizontal	Pass
3**	3847.400	37.01	-5.38	54.0	-16.99	AV	273.00	150	Horizontal	Pass
4	5781.400	103.31	-2.14	--	--	Peak	159.00	150	Horizontal	N/A
4**	5781.400	95.06	-2.14	--	--	AV	159.00	150	Horizontal	N/A
5	11485.575	49.43	0.07	74.0	-24.57	Peak	55.00	150	Horizontal	Pass
5**	11485.575	40.55	0.07	54.0	-13.45	AV	55.00	150	Horizontal	Pass
6	15798.674	53.99	2.29	74.0	-20.01	Peak	133.00	150	Horizontal	Pass
6**	15798.674	45.53	2.29	54.0	-8.47	AV	133.00	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	1480.100	39.55	-17.56	74.0	-34.45	Peak	-3.00	150	Vertical	Pass
1**	1480.100	31.94	-17.56	54.0	-22.06	AV	-3.00	150	Vertical	Pass
2	2775.900	42.84	-10.47	74.0	-31.16	Peak	50.00	150	Vertical	Pass
2**	2775.900	33.07	-10.47	54.0	-20.93	AV	50.00	150	Vertical	Pass
3	3931.400	46.65	-5.71	74.0	-27.35	Peak	65.00	150	Vertical	Pass
3**	3931.400	36.46	-5.71	54.0	-17.54	AV	65.00	150	Vertical	Pass
4	5783.600	104.80	-2.26	--	--	Peak	177.00	150	Vertical	N/A
4**	5783.600	98.31	-2.26	--	--	AV	177.00	150	Vertical	N/A
5	11660.662	49.13	0.13	74.0	-24.87	Peak	360.00	150	Vertical	Pass
5**	11660.662	40.92	0.13	54.0	-13.08	AV	360.00	150	Vertical	Pass
6	15809.963	53.84	2.17	74.0	-20.16	Peak	360.00	150	Vertical	Pass
6**	15809.963	45.03	2.17	54.0	-8.97	AV	360.00	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	1525.300	37.06	-17.64	74.0	-36.94	Peak	34.00	150	Horizontal	Pass
1**	1525.300	27.98	-17.64	54.0	-26.02	AV	34.00	150	Horizontal	Pass
2	2773.900	42.43	-10.48	74.0	-31.57	Peak	-3.00	150	Horizontal	Pass
2**	2773.900	33.08	-10.48	54.0	-20.92	AV	-3.00	150	Horizontal	Pass
3	4062.600	46.44	-5.16	74.0	-27.56	Peak	65.00	150	Horizontal	Pass
3**	4062.600	37.72	-5.16	54.0	-16.28	AV	65.00	150	Horizontal	Pass
4	5823.400	103.35	-2.41	--	--	Peak	157.00	150	Horizontal	N/A
4**	5823.400	96.45	-2.41	--	--	AV	157.00	150	Horizontal	N/A
5	11932.637	50.86	1.63	74.0	-23.14	Peak	0.00	150	Horizontal	Pass
5**	11932.637	41.13	1.63	54.0	-12.87	AV	0.00	150	Horizontal	Pass
6	15793.688	53.52	2.13	74.0	-20.48	Peak	52.00	150	Horizontal	Pass
6**	15793.688	45.12	2.13	54.0	-8.88	AV	52.00	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	1479.800	38.65	-17.55	74.0	-35.35	Peak	360.00	150	Vertical	Pass
1**	1479.800	35.54	-17.55	54.0	-18.46	AV	360.00	150	Vertical	Pass
2	2781.800	42.27	-10.39	74.0	-31.73	Peak	0.00	150	Vertical	Pass
2**	2781.800	33.35	-10.39	54.0	-20.65	AV	0.00	150	Vertical	Pass
3	4179.800	46.61	-5.15	74.0	-27.39	Peak	360.00	150	Vertical	Pass
3**	4179.800	36.99	-5.15	54.0	-17.01	AV	360.00	150	Vertical	Pass
4	5822.600	105.15	-2.42	--	--	Peak	178.00	150	Vertical	N/A
4**	5822.600	99.13	-2.42	--	--	AV	178.00	150	Vertical	N/A
5	12019.174	50.25	0.94	74.0	-23.75	Peak	269.00	150	Vertical	Pass
5**	12019.174	40.95	0.94	54.0	-13.05	AV	269.00	150	Vertical	Pass
6	15623.588	53.27	1.70	74.0	-20.73	Peak	352.00	150	Vertical	Pass
6**	15623.588	44.61	1.70	54.0	-9.39	AV	352.00	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	1524.000	37.09	-17.51	74.0	-36.91	Peak	328.00	150	Horizontal	Pass
1**	1524.000	27.76	-17.51	54.0	-26.24	AV	328.00	150	Horizontal	Pass
2	2756.600	43.17	-10.75	74.0	-30.83	Peak	259.00	150	Horizontal	Pass
2**	2756.600	32.68	-10.75	54.0	-21.32	AV	259.00	150	Horizontal	Pass
3	4060.200	47.08	-5.00	74.0	-26.92	Peak	256.00	150	Horizontal	Pass
3**	4060.200	37.69	-5.00	54.0	-16.31	AV	256.00	150	Horizontal	Pass
4	5747.400	103.15	-2.28	--	--	Peak	360.00	150	Horizontal	N/A
4**	5747.400	97.16	-2.28	--	--	AV	360.00	150	Horizontal	N/A
5	11754.675	49.22	1.04	74.0	-24.78	Peak	230.00	150	Horizontal	Pass
5**	11754.675	40.31	1.04	54.0	-13.69	AV	230.00	150	Horizontal	Pass
6	15781.349	53.60	1.61	74.0	-20.40	Peak	151.00	150	Horizontal	Pass
6**	15781.349	44.84	1.61	54.0	-9.16	AV	151.00	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	1479.900	39.14	-17.55	74.0	-34.86	Peak	-3.00	150	Vertical	Pass
1**	1479.900	34.29	-17.55	54.0	-19.71	AV	-3.00	150	Vertical	Pass
2	2805.800	42.99	-10.34	74.0	-31.01	Peak	204.00	150	Vertical	Pass
2**	2805.800	32.66	-10.34	54.0	-21.34	AV	204.00	150	Vertical	Pass
3	4048.000	47.08	-4.70	74.0	-26.92	Peak	174.00	150	Vertical	Pass
3**	4048.000	38.71	-4.70	54.0	-15.29	AV	174.00	150	Vertical	Pass
4	5743.000	104.93	-2.27	--	--	Peak	174.00	150	Vertical	N/A
4**	5743.000	98.19	-2.27	--	--	AV	174.00	150	Vertical	N/A
5	11357.062	49.71	-0.19	74.0	-24.29	Peak	116.00	150	Vertical	Pass
5**	11357.062	40.73	-0.19	54.0	-13.27	AV	116.00	150	Vertical	Pass
6	15945.413	52.87	-0.25	74.0	-21.13	Peak	163.00	150	Vertical	Pass
6**	15945.413	43.89	-0.25	54.0	-10.11	AV	163.00	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	1480.000	37.52	-17.56	74.0	-36.48	Peak	-3.00	150	Horizontal	Pass
1**	1480.000	28.53	-17.56	54.0	-25.47	AV	-3.00	150	Horizontal	Pass
2	2747.900	42.76	-10.93	74.0	-31.24	Peak	231.00	150	Horizontal	Pass
2**	2747.900	33.06	-10.93	54.0	-20.94	AV	231.00	150	Horizontal	Pass
3	4139.000	47.22	-4.86	74.0	-26.78	Peak	360.00	150	Horizontal	Pass
3**	4139.000	37.87	-4.86	54.0	-16.13	AV	360.00	150	Horizontal	Pass
4	5786.000	103.63	-2.43	--	--	Peak	146.00	150	Horizontal	N/A
4**	5786.000	96.52	-2.43	--	--	AV	146.00	150	Horizontal	N/A
5	11938.388	50.42	1.69	74.0	-23.58	Peak	159.00	150	Horizontal	Pass
5**	11938.388	40.92	1.69	54.0	-13.08	AV	159.00	150	Horizontal	Pass
6	15811.537	53.89	2.13	74.0	-20.11	Peak	228.00	150	Horizontal	Pass
6**	15811.537	45.44	2.13	54.0	-8.56	AV	228.00	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	1480.200	39.62	-17.56	74.0	-34.38	Peak	360.00	150	Vertical	Pass
1**	1480.200	34.62	-17.56	54.0	-19.38	AV	360.00	150	Vertical	Pass
2	2743.300	43.00	-10.94	74.0	-31.00	Peak	15.00	150	Vertical	Pass
2**	2743.300	32.47	-10.94	54.0	-21.53	AV	15.00	150	Vertical	Pass
3	4055.400	46.50	-4.89	74.0	-27.50	Peak	138.00	150	Vertical	Pass
3**	4055.400	38.39	-4.89	54.0	-15.61	AV	138.00	150	Vertical	Pass
4	5788.600	104.24	-2.46	--	--	Peak	171.00	150	Vertical	N/A
4**	5788.600	96.51	-2.46	--	--	AV	171.00	150	Vertical	N/A
5	11768.475	50.11	1.29	74.0	-23.89	Peak	322.00	150	Vertical	Pass
5**	11768.475	41.04	1.29	54.0	-12.96	AV	322.00	150	Vertical	Pass
6	15815.999	53.48	2.02	74.0	-20.52	Peak	147.00	150	Vertical	Pass
6**	15815.999	45.09	2.02	54.0	-8.91	AV	147.00	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	1548.900	36.35	-17.51	74.0	-37.65	Peak	331.00	150	Horizontal	Pass
1**	1548.900	28.29	-17.51	54.0	-25.71	AV	331.00	150	Horizontal	Pass
2	2795.600	42.14	-10.58	74.0	-31.86	Peak	227.00	150	Horizontal	Pass
2**	2795.600	32.73	-10.58	54.0	-21.27	AV	227.00	150	Horizontal	Pass
3	4040.800	47.26	-4.83	74.0	-26.74	Peak	100.00	150	Horizontal	Pass
3**	4040.800	36.60	-4.83	54.0	-17.40	AV	100.00	150	Horizontal	Pass
4	5823.000	102.60	-2.41	--	--	Peak	169.00	150	Horizontal	N/A
4**	5823.000	96.24	-2.41	--	--	AV	169.00	150	Horizontal	N/A
5	11818.500	49.79	1.02	74.0	-24.21	Peak	119.00	150	Horizontal	Pass
5**	11818.500	42.27	1.02	54.0	-11.73	AV	119.00	150	Horizontal	Pass
6	15806.812	53.55	2.23	74.0	-20.45	Peak	57.00	150	Horizontal	Pass
6**	15806.812	46.04	2.23	54.0	-7.96	AV	57.00	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	1480.200	39.47	-17.56	74.0	-34.53	Peak	0.00	150	Vertical	Pass
1**	1480.200	34.10	-17.56	54.0	-19.90	AV	0.00	150	Vertical	Pass
2	2809.100	42.07	-10.28	74.0	-31.93	Peak	200.00	150	Vertical	Pass
2**	2809.100	34.31	-10.28	54.0	-19.69	AV	200.00	150	Vertical	Pass
3	3952.400	46.79	-4.65	74.0	-27.21	Peak	82.00	150	Vertical	Pass
3**	3952.400	37.41	-4.65	54.0	-16.59	AV	82.00	150	Vertical	Pass
4	5821.200	104.88	-2.53	--	--	Peak	191.00	150	Vertical	N/A
4**	5821.200	98.22	-2.53	--	--	AV	191.00	150	Vertical	N/A
5	11934.650	50.93	1.68	74.0	-23.07	Peak	199.00	150	Vertical	Pass
5**	11934.650	41.10	1.68	54.0	-12.90	AV	199.00	150	Vertical	Pass
6	15783.451	53.89	1.72	74.0	-20.11	Peak	85.00	150	Vertical	Pass
6**	15783.451	44.47	1.72	54.0	-9.53	AV	85.00	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	1521.700	36.56	-17.67	74.0	-37.44	Peak	160.00	150	Horizontal	Pass
1**	1521.700	27.46	-17.67	54.0	-26.54	AV	160.00	150	Horizontal	Pass
2	2832.100	42.62	-10.34	74.0	-31.38	Peak	195.00	150	Horizontal	Pass
2**	2832.100	33.28	-10.34	54.0	-20.72	AV	195.00	150	Horizontal	Pass
3	3881.400	46.99	-5.61	74.0	-27.01	Peak	258.00	150	Horizontal	Pass
3**	3881.400	37.18	-5.61	54.0	-16.82	AV	258.00	150	Horizontal	Pass
4	5757.000	101.03	-2.02	--	--	Peak	180.00	150	Horizontal	N/A
4**	5757.000	94.34	-2.02	--	--	AV	180.00	150	Horizontal	N/A
5	11917.112	49.92	1.49	74.0	-24.08	Peak	194.00	150	Horizontal	Pass
5**	11917.112	41.46	1.49	54.0	-12.54	AV	194.00	150	Horizontal	Pass
6	15793.950	53.53	2.13	74.0	-20.47	Peak	360.00	150	Horizontal	Pass
6**	15793.950	45.13	2.13	54.0	-8.87	AV	360.00	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	1480.300	39.09	-17.57	74.0	-34.91	Peak	-3.00	150	Vertical	Pass
1**	1480.300	35.01	-17.57	54.0	-18.99	AV	-3.00	150	Vertical	Pass
2	2796.800	43.10	-10.63	74.0	-30.90	Peak	23.00	150	Vertical	Pass
2**	2796.800	33.19	-10.63	54.0	-20.81	AV	23.00	150	Vertical	Pass
3	4093.400	46.42	-5.71	74.0	-27.58	Peak	163.00	150	Vertical	Pass
3**	4093.400	38.04	-5.71	54.0	-15.96	AV	163.00	150	Vertical	Pass
4	5760.400	102.35	-1.92	--	--	Peak	163.00	150	Vertical	N/A
4**	5760.400	95.33	-1.92	--	--	AV	163.00	150	Vertical	N/A
5	11499.950	50.35	0.05	74.0	-23.65	Peak	0.00	150	Vertical	Pass
5**	11499.950	41.17	0.05	54.0	-12.83	AV	0.00	150	Vertical	Pass
6	15802.087	54.12	2.31	74.0	-19.88	Peak	270.00	150	Vertical	Pass
6**	15802.087	46.39	2.31	54.0	-7.61	AV	270.00	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	1501.000	36.88	-17.55	74.0	-37.12	Peak	-3.00	150	Horizontal	Pass
1**	1501.000	27.43	-17.55	54.0	-26.57	AV	-3.00	150	Horizontal	Pass
2	2788.100	42.38	-10.56	74.0	-31.62	Peak	326.00	150	Horizontal	Pass
2**	2788.100	33.57	-10.56	54.0	-20.43	AV	326.00	150	Horizontal	Pass
3	4049.000	46.47	-4.71	74.0	-27.53	Peak	79.00	150	Horizontal	Pass
3**	4049.000	37.22	-4.71	54.0	-16.78	AV	79.00	150	Horizontal	Pass
4	5797.800	100.86	-2.73	--	--	Peak	155.00	150	Horizontal	N/A
4**	5797.800	93.13	-2.73	--	--	AV	155.00	150	Horizontal	N/A
5	11669.862	50.18	0.23	74.0	-23.82	Peak	164.00	150	Horizontal	Pass
5**	11669.862	41.57	0.23	54.0	-12.43	AV	164.00	150	Horizontal	Pass
6	15679.237	52.79	1.58	74.0	-21.21	Peak	53.00	150	Horizontal	Pass
6**	15679.237	44.79	1.58	54.0	-9.21	AV	53.00	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	1480.000	38.88	-17.56	74.0	-35.12	Peak	-3.00	150	Vertical	Pass
1**	1480.000	34.40	-17.56	54.0	-19.60	AV	-3.00	150	Vertical	Pass
2	2823.400	42.21	-10.29	74.0	-31.79	Peak	323.00	150	Vertical	Pass
2**	2823.400	33.49	-10.29	54.0	-20.51	AV	323.00	150	Vertical	Pass
3	3950.200	46.02	-4.81	74.0	-27.98	Peak	52.00	150	Vertical	Pass
3**	3950.200	36.55	-4.81	54.0	-17.45	AV	52.00	150	Vertical	Pass
4	5797.200	102.27	-2.71	--	--	Peak	178.00	150	Vertical	N/A
4**	5797.200	96.75	-2.71	--	--	AV	178.00	150	Vertical	N/A
5	11445.037	49.98	-0.02	74.0	-24.02	Peak	222.00	150	Vertical	Pass
5**	11445.037	40.01	-0.02	54.0	-13.99	AV	222.00	150	Vertical	Pass
6	15783.187	54.39	1.71	74.0	-19.61	Peak	250.00	150	Vertical	Pass
6**	15783.187	44.84	1.71	54.0	-9.16	AV	250.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1411.800	37.82	-17.53	74.0	-36.18	Peak	96.00	150	Horizontal	Pass
1**	1411.800	28.30	-17.53	54.0	-25.70	AV	96.00	150	Horizontal	Pass
2	2699.900	43.23	-11.38	74.0	-30.77	Peak	-3.00	150	Horizontal	Pass
2**	2699.900	36.09	-11.38	54.0	-17.91	AV	-3.00	150	Horizontal	Pass
3	4137.600	46.44	-4.90	74.0	-27.56	Peak	10.00	150	Horizontal	Pass
3**	4137.600	37.23	-4.90	54.0	-16.77	AV	10.00	150	Horizontal	Pass
4	5746.400	103.84	-2.43	--	-46.16	Peak	150.00	150	Horizontal	N/A
4**	5746.400	98.68	-2.43	--	98.68	AV	150.00	150	Horizontal	N/A
5	12011.700	49.92	1.13	74.0	-24.08	Peak	-3.00	150	Horizontal	Pass
5**	12011.700	41.56	1.13	54.0	-12.44	AV	-3.00	150	Horizontal	Pass
6	15804.975	53.34	2.27	74.0	-20.66	Peak	36.00	150	Horizontal	Pass
6**	15804.975	44.97	2.27	54.0	-9.03	AV	36.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.100	38.97	-17.56	74.0	-35.03	Peak	312.00	150	Vertical	Pass
1**	1480.100	35.19	-17.56	54.0	-18.81	AV	312.00	150	Vertical	Pass
2	2777.100	42.32	-10.43	74.0	-31.68	Peak	225.00	150	Vertical	Pass
2**	2777.100	33.20	-10.43	54.0	-20.80	AV	225.00	150	Vertical	Pass
3	4122.400	46.77	-5.52	74.0	-27.23	Peak	105.00	150	Vertical	Pass
3**	4122.400	36.92	-5.52	54.0	-17.08	AV	105.00	150	Vertical	Pass
4	5744.200	105.85	-2.31	--	-56.15	Peak	162.00	150	Vertical	N/A
4**	5744.200	99.17	-2.31	--	99.17	AV	162.00	150	Vertical	N/A
5	11505.412	50.32	-0.09	74.0	-23.68	Peak	-2.00	150	Vertical	Pass
5**	11505.412	41.01	-0.09	54.0	-12.99	AV	-2.00	150	Vertical	Pass
6	15847.763	53.43	1.35	74.0	-20.57	Peak	200.00	150	Vertical	Pass
6**	15847.763	44.43	1.35	54.0	-9.57	AV	200.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1589.800	36.90	-17.47	74.0	-37.10	Peak	13.00	150	Horizontal	Pass
1**	1589.800	28.76	-17.47	54.0	-25.24	AV	13.00	150	Horizontal	Pass
2	2857.500	43.52	-10.29	74.0	-30.48	Peak	149.00	150	Horizontal	Pass
2**	2857.500	33.69	-10.29	54.0	-20.31	AV	149.00	150	Horizontal	Pass
3	4051.400	46.72	-4.81	74.0	-27.28	Peak	129.00	150	Horizontal	Pass
3**	4051.400	38.00	-4.81	54.0	-16.00	AV	129.00	150	Horizontal	Pass
4	5784.000	103.57	-2.30	--	-56.43	Peak	160.00	150	Horizontal	N/A
4**	5784.000	96.60	-2.30	--	96.60	AV	160.00	150	Horizontal	N/A
5	12272.750	50.48	1.54	74.0	-23.52	Peak	144.00	150	Horizontal	Pass
5**	12272.750	41.13	1.54	54.0	-12.87	AV	144.00	150	Horizontal	Pass
6	15519.638	53.44	1.38	74.0	-20.56	Peak	185.00	150	Horizontal	Pass
6**	15519.638	44.99	1.38	54.0	-9.01	AV	185.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	39.39	-17.55	74.0	-34.61	Peak	327.00	150	Vertical	Pass
1**	1479.800	33.71	-17.55	54.0	-20.29	AV	327.00	150	Vertical	Pass
2	2755.400	42.97	-10.74	74.0	-31.03	Peak	0.00	150	Vertical	Pass
2**	2755.400	32.71	-10.74	54.0	-21.29	AV	0.00	150	Vertical	Pass
3	4091.600	47.04	-5.64	74.0	-26.96	Peak	306.00	150	Vertical	Pass
3**	4091.600	38.03	-5.64	54.0	-15.97	AV	306.00	150	Vertical	Pass
4	5786.400	105.76	-2.46	--	-62.24	Peak	168.00	150	Vertical	N/A
4**	5786.400	98.43	-2.46	--	98.43	AV	168.00	150	Vertical	N/A
5	12274.475	49.92	1.60	74.0	-24.08	Peak	96.00	150	Vertical	Pass
5**	12274.475	41.76	1.60	54.0	-12.24	AV	96.00	150	Vertical	Pass
6	15957.488	53.44	0.07	74.0	-20.56	Peak	184.00	150	Vertical	Pass
6**	15957.488	45.57	0.07	54.0	-8.43	AV	184.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.100	37.34	-17.50	74.0	-36.66	Peak	85.00	150	Horizontal	Pass
1**	1470.100	27.79	-17.50	54.0	-26.21	AV	85.00	150	Horizontal	Pass
2	2830.200	43.25	-10.37	74.0	-30.75	Peak	15.00	150	Horizontal	Pass
2**	2830.200	33.57	-10.37	54.0	-20.43	AV	15.00	150	Horizontal	Pass
3	3957.400	46.49	-4.59	74.0	-27.51	Peak	262.00	150	Horizontal	Pass
3**	3957.400	37.51	-4.59	54.0	-16.49	AV	262.00	150	Horizontal	Pass
4	5825.800	103.15	-2.37	--	103.15	Peak	0.00	150	Horizontal	N/A
4**	5825.800	96.86	-2.37	--	96.86	AV	0.00	150	Horizontal	N/A
5	11931.775	50.04	1.61	74.0	-23.96	Peak	67.00	150	Horizontal	Pass
5**	11931.775	41.65	1.61	54.0	-12.35	AV	67.00	150	Horizontal	Pass
6	15738.299	53.52	0.84	74.0	-20.48	Peak	142.00	150	Horizontal	Pass
6**	15738.299	43.82	0.84	54.0	-10.18	AV	142.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1691.100	40.51	-17.27	74.0	-33.49	Peak	338.00	150	Vertical	Pass
1**	1691.100	37.11	-17.27	54.0	-16.89	AV	338.00	150	Vertical	Pass
2	2788.000	42.91	-10.55	74.0	-31.09	Peak	310.00	150	Vertical	Pass
2**	2788.000	33.55	-10.55	54.0	-20.45	AV	310.00	150	Vertical	Pass
3	3938.000	46.71	-5.59	74.0	-27.29	Peak	97.00	150	Vertical	Pass
3**	3938.000	37.27	-5.59	54.0	-16.73	AV	97.00	150	Vertical	Pass
4	5826.200	105.09	-2.36	--	-68.91	Peak	174.00	150	Vertical	N/A
4**	5826.200	98.89	-2.36	--	98.89	AV	174.00	150	Vertical	N/A
5	11822.525	49.94	1.09	74.0	-24.06	Peak	-3.00	150	Vertical	Pass
5**	11822.525	41.11	1.09	54.0	-12.89	AV	-3.00	150	Vertical	Pass
6	15800.776	53.67	2.32	74.0	-20.33	Peak	330.00	150	Vertical	Pass
6**	15800.776	45.10	2.32	54.0	-8.90	AV	330.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.900	36.88	-17.53	74.0	-37.12	Peak	58.00	150	Horizontal	Pass
1**	1587.900	28.04	-17.53	54.0	-25.96	AV	58.00	150	Horizontal	Pass
2	2836.900	43.30	-10.39	74.0	-30.70	Peak	311.00	150	Horizontal	Pass
2**	2836.900	32.93	-10.39	54.0	-21.07	AV	311.00	150	Horizontal	Pass
3	4318.400	47.28	-4.52	74.0	-26.72	Peak	267.00	150	Horizontal	Pass
3**	4318.400	37.96	-4.52	54.0	-16.04	AV	267.00	150	Horizontal	Pass
4	5744.000	103.57	-2.29	--	-44.43	Peak	148.00	150	Horizontal	N/A
4**	5744.000	96.49	-2.29	--	96.49	AV	148.00	150	Horizontal	N/A
5	12009.113	50.16	1.20	74.0	-23.84	Peak	237.00	150	Horizontal	Pass
5**	12009.113	41.04	1.20	54.0	-12.96	AV	237.00	150	Horizontal	Pass
6	15808.388	53.58	2.20	74.0	-20.42	Peak	182.00	150	Horizontal	Pass
6**	15808.388	44.99	2.20	54.0	-9.01	AV	182.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.200	39.52	-17.56	74.0	-34.48	Peak	-3.00	150	Vertical	Pass
1**	1480.200	33.74	-17.56	54.0	-20.26	AV	-3.00	150	Vertical	Pass
2	2882.300	43.24	-10.21	74.0	-30.76	Peak	236.00	150	Vertical	Pass
2**	2882.300	33.56	-10.21	54.0	-20.44	AV	236.00	150	Vertical	Pass
3	4289.200	47.40	-4.97	74.0	-26.60	Peak	360.00	150	Vertical	Pass
3**	4289.200	38.28	-4.97	54.0	-15.72	AV	360.00	150	Vertical	Pass
4	5746.600	105.49	-2.40	--	-61.51	Peak	167.00	150	Vertical	N/A
4**	5746.600	99.10	-2.40	--	99.10	AV	167.00	150	Vertical	N/A
5	11937.812	49.94	1.69	74.0	-24.06	Peak	50.00	150	Vertical	Pass
5**	11937.812	40.63	1.69	54.0	-13.37	AV	50.00	150	Vertical	Pass
6	15501.525	53.75	1.20	74.0	-20.25	Peak	291.00	150	Vertical	Pass
6**	15501.525	44.19	1.20	54.0	-9.81	AV	291.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.500	36.98	-17.51	74.0	-37.02	Peak	139.00	150	Horizontal	Pass
1**	1544.500	27.80	-17.51	54.0	-26.20	AV	139.00	150	Horizontal	Pass
2	2817.300	42.38	-10.20	74.0	-31.62	Peak	191.00	150	Horizontal	Pass
2**	2817.300	33.76	-10.20	54.0	-20.24	AV	191.00	150	Horizontal	Pass
3	4029.000	47.10	-5.04	74.0	-26.90	Peak	116.00	150	Horizontal	Pass
3**	4029.000	36.67	-5.04	54.0	-17.33	AV	116.00	150	Horizontal	Pass
4	5785.800	103.96	-2.42	--	-54.04	Peak	158.00	150	Horizontal	N/A
4**	5785.800	97.37	-2.42	--	97.37	AV	158.00	150	Horizontal	N/A
5	12263.550	50.68	1.23	74.0	-23.32	Peak	339.00	150	Horizontal	Pass
5**	12263.550	41.48	1.23	54.0	-12.52	AV	339.00	150	Horizontal	Pass
6	15785.026	53.67	1.80	74.0	-20.33	Peak	60.00	150	Horizontal	Pass
6**	15785.026	44.33	1.80	54.0	-9.67	AV	60.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.600	40.37	-17.51	74.0	-33.63	Peak	326.00	150	Horizontal	Pass
1**	1568.200	28.50	-17.51	54.0	-25.50	AV	226.00	150	Horizontal	Pass
2	2823.300	43.02	-10.29	74.0	-30.98	Peak	360.00	150	Horizontal	Pass
2**	2823.300	32.72	-10.29	54.0	-21.28	AV	360.00	150	Horizontal	Pass
3	4049.200	47.86	-4.71	74.0	-26.14	Peak	168.00	150	Horizontal	Pass
3**	4049.200	38.54	-4.71	54.0	-15.46	AV	168.00	150	Horizontal	Pass
4	5768.000	98.90	-1.82	--	-55.10	Peak	154.00	150	Horizontal	N/A
4**	5768.000	93.15	-1.82	--	93.15	AV	154.00	150	Horizontal	N/A
5	11822.238	50.12	1.08	74.0	-23.88	Peak	71.00	150	Horizontal	Pass
5**	11822.238	41.61	1.08	54.0	-12.39	AV	71.00	150	Horizontal	Pass
6	15795.787	54.63	2.19	74.0	-19.37	Peak	30.00	150	Horizontal	Pass
6**	15795.787	45.53	2.19	54.0	-8.47	AV	30.00	150	Horizontal	Pass
1**	1479.600	32.39	-17.54	54.0	-21.61	AV	354.00	150	Vertical	Pass
2	2854.900	44.04	-10.28	74.0	-29.96	Peak	172.00	150	Vertical	Pass
2**	2854.900	34.06	-10.28	54.0	-19.94	AV	172.00	150	Vertical	Pass
3	4052.400	47.45	-4.87	74.0	-26.55	Peak	132.00	150	Vertical	Pass
3**	4052.400	38.00	-4.87	54.0	-16.00	AV	132.00	150	Vertical	Pass
4	5783.200	105.30	-2.23	--	-50.70	Peak	156.00	150	Vertical	N/A
4**	5783.200	98.65	-2.23	--	98.65	AV	156.00	150	Vertical	N/A
5	12509.938	50.55	1.61	74.0	-23.45	Peak	-3.00	150	Vertical	Pass
5**	12509.938	42.30	1.61	54.0	-11.70	AV	-3.00	150	Vertical	Pass
6	15794.213	53.69	2.14	74.0	-20.31	Peak	118.00	150	Vertical	Pass
6**	15794.213	44.78	2.14	54.0	-9.22	AV	118.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.200	37.09	-17.51	74.0	-36.91	Peak	226.00	150	Horizontal	Pass
1**	1568.200	28.50	-17.51	54.0	-25.50	AV	226.00	150	Horizontal	Pass
2	2823.300	43.02	-10.29	74.0	-30.98	Peak	360.00	150	Horizontal	Pass
2**	2823.300	32.72	-10.29	54.0	-21.28	AV	360.00	150	Horizontal	Pass
3	4049.200	47.86	-4.71	74.0	-26.14	Peak	168.00	150	Horizontal	Pass
3**	4049.200	38.54	-4.71	54.0	-15.46	AV	168.00	150	Horizontal	Pass
4	5768.000	98.90	-1.82	--	-55.10	Peak	154.00	150	Horizontal	N/A
4**	5768.000	93.15	-1.82	--	93.15	AV	154.00	150	Horizontal	N/A
5	11822.238	50.12	1.08	74.0	-23.88	Peak	71.00	150	Horizontal	Pass
5**	11822.238	41.61	1.08	54.0	-12.39	AV	71.00	150	Horizontal	Pass
6	15795.787	54.63	2.19	74.0	-19.37	Peak	30.00	150	Horizontal	Pass
6**	15795.787	45.53	2.19	54.0	-8.47	AV	30.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	39.17	-17.55	74.0	-34.83	Peak	354.00	150	Vertical	Pass
1**	1479.800	32.71	-17.55	54.0	-21.29	AV	354.00	150	Vertical	Pass
2	2817.500	43.28	-10.21	74.0	-30.72	Peak	354.00	150	Vertical	Pass
2**	2817.500	34.11	-10.21	54.0	-19.89	AV	354.00	150	Vertical	Pass
3	4044.600	46.66	-4.89	74.0	-27.34	Peak	208.00	150	Vertical	Pass
3**	4044.600	36.97	-4.89	54.0	-17.03	AV	208.00	150	Vertical	Pass
4	5768.400	101.20	-1.83	--	-81.80	Peak	183.00	150	Vertical	N/A
4**	5768.400	94.39	-1.83	--	94.39	AV	183.00	150	Vertical	N/A
5	12553.925	50.99	1.55	74.0	-23.01	Peak	-3.00	150	Vertical	Pass
5**	12553.925	41.25	1.55	54.0	-12.75	AV	-3.00	150	Vertical	Pass
6	16093.725	53.67	1.35	74.0	-20.33	Peak	361.00	150	Vertical	Pass
6**	16093.725	44.21	1.35	54.0	-9.79	AV	361.00	150	Vertical	Pass

Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.000	36.91	-17.50	74.0	-37.09	Peak	138.00	150	Horizontal	Pass
1**	1549.000	27.73	-17.50	54.0	-26.27	AV	138.00	150	Horizontal	Pass
2	2805.700	42.15	-10.34	74.0	-31.85	Peak	362.00	150	Horizontal	Pass
2**	2805.700	32.62	-10.34	54.0	-21.38	AV	362.00	150	Horizontal	Pass
3	3960.400	46.38	-4.75	74.0	-27.62	Peak	313.00	150	Horizontal	Pass
3**	3960.400	36.82	-4.75	54.0	-17.18	AV	313.00	150	Horizontal	Pass
4	5179.000	96.95	-2.68	--	--	Peak	63.00	150	Horizontal	N/A
4**	5179.000	90.92	-2.68	--	--	AV	63.00	150	Horizontal	N/A
5	11836.325	50.18	1.14	74.0	-23.82	Peak	360.00	150	Horizontal	Pass
5**	11836.325	40.51	1.14	54.0	-13.49	AV	360.00	150	Horizontal	Pass
6	15788.174	53.48	1.93	74.0	-20.52	Peak	238.00	150	Horizontal	Pass
6**	15788.174	44.83	1.93	54.0	-9.17	AV	238.00	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	1479.500	39.52	-17.54	74.0	-34.48	Peak	363.00	150	Vertical	Pass
1**	1479.500	33.69	-17.54	54.0	-20.31	AV	363.00	150	Vertical	Pass
2	2754.900	42.91	-10.75	74.0	-31.09	Peak	257.00	150	Vertical	Pass
2**	2754.900	34.00	-10.75	54.0	-20.00	AV	257.00	150	Vertical	Pass
3	4055.800	46.94	-4.88	74.0	-27.06	Peak	54.00	150	Vertical	Pass
3**	4055.800	37.51	-4.88	54.0	-16.49	AV	54.00	150	Vertical	Pass
4	5182.600	103.72	-2.72	--	--	Peak	225.00	150	Vertical	N/A
4**	5182.600	97.81	-2.72	--	--	AV	225.00	150	Vertical	N/A
5	11771.062	50.28	1.28	74.0	-23.72	Peak	136.00	150	Vertical	Pass
5**	11771.062	41.69	1.28	54.0	-12.31	AV	136.00	150	Vertical	Pass
6	15852.750	54.07	1.26	74.0	-19.93	Peak	94.00	150	Vertical	Pass
6**	15852.750	45.20	1.26	54.0	-8.80	AV	94.00	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	1691.300	39.20	-17.27	74.0	-34.80	Peak	0.00	150	Horizontal	Pass
1**	1691.300	30.91	-17.27	54.0	-23.09	AV	0.00	150	Horizontal	Pass
2	2859.100	43.27	-10.23	74.0	-30.73	Peak	222.00	150	Horizontal	Pass
2**	2859.100	33.74	-10.23	54.0	-20.26	AV	222.00	150	Horizontal	Pass
3	4095.800	46.62	-5.70	74.0	-27.38	Peak	233.00	150	Horizontal	Pass
3**	4095.800	37.89	-5.70	54.0	-16.11	AV	233.00	150	Horizontal	Pass
4	5219.600	98.04	-3.04	--	--	Peak	9.00	150	Horizontal	N/A
4**	5219.600	92.24	-3.04	--	--	AV	9.00	150	Horizontal	N/A
5	11651.174	49.87	-0.13	74.0	-24.13	Peak	358.00	150	Horizontal	Pass
5**	11651.174	40.51	-0.13	54.0	-13.49	AV	358.00	150	Horizontal	Pass
6	15813.638	53.74	2.09	74.0	-20.26	Peak	197.00	150	Horizontal	Pass
6**	15813.638	45.09	2.09	54.0	-8.91	AV	197.00	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	1691.500	40.98	-17.27	74.0	-33.02	Peak	344.00	150	Vertical	Pass
1**	1691.500	36.14	-17.27	54.0	-17.86	AV	344.00	150	Vertical	Pass
2	2780.200	42.48	-10.42	74.0	-31.52	Peak	210.00	150	Vertical	Pass
2**	2780.200	33.20	-10.42	54.0	-20.80	AV	210.00	150	Vertical	Pass
3	4046.000	46.11	-4.83	74.0	-27.89	Peak	84.00	150	Vertical	Pass
3**	4046.000	38.68	-4.83	54.0	-15.32	AV	84.00	150	Vertical	Pass
4	5220.800	104.47	-3.05	--	--	Peak	230.00	150	Vertical	N/A
4**	5220.800	98.40	-3.05	--	--	AV	230.00	150	Vertical	N/A
5	11352.175	49.89	-0.08	74.0	-24.11	Peak	363.00	150	Vertical	Pass
5**	11352.175	40.02	-0.08	54.0	-13.98	AV	363.00	150	Vertical	Pass
6	15829.125	54.23	1.52	74.0	-19.77	Peak	288.00	150	Vertical	Pass
6**	15829.125	44.76	1.52	54.0	-9.24	AV	288.00	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	1497.200	36.80	-17.56	74.0	-37.20	Peak	195.00	150	Horizontal	Pass
1**	1497.200	26.83	-17.56	54.0	-27.17	AV	195.00	150	Horizontal	Pass
2	2809.100	42.35	-10.28	74.0	-31.65	Peak	311.00	150	Horizontal	Pass
2**	2809.100	33.96	-10.28	54.0	-20.04	AV	311.00	150	Horizontal	Pass
3	4225.400	46.95	-4.77	74.0	-27.05	Peak	0.00	150	Horizontal	Pass
3**	4225.400	38.26	-4.77	54.0	-15.74	AV	0.00	150	Horizontal	Pass
4	5238.400	99.27	-2.73	--	--	Peak	50.00	150	Horizontal	N/A
4**	5238.400	92.21	-2.73	--	--	AV	50.00	150	Horizontal	N/A
5	12542.137	51.20	1.32	74.0	-22.80	Peak	240.00	150	Horizontal	Pass
5**	12542.137	40.28	1.32	54.0	-13.72	AV	240.00	150	Horizontal	Pass
6	15799.463	53.26	2.32	74.0	-20.74	Peak	286.00	150	Horizontal	Pass
6**	15799.463	45.57	2.32	54.0	-8.43	AV	286.00	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	1480.300	39.15	-17.57	74.0	-34.85	Peak	332.00	150	Vertical	Pass
1**	1480.300	35.67	-17.57	54.0	-18.33	AV	332.00	150	Vertical	Pass
2	2787.100	42.76	-10.50	74.0	-31.24	Peak	134.00	150	Vertical	Pass
2**	2787.100	32.98	-10.50	54.0	-21.02	AV	134.00	150	Vertical	Pass
3	4173.600	47.63	-5.11	74.0	-26.37	Peak	199.00	150	Vertical	Pass
3**	4173.600	38.45	-5.11	54.0	-15.55	AV	199.00	150	Vertical	Pass
4	5240.800	104.85	-2.70	--	--	Peak	249.00	150	Vertical	N/A
4**	5240.800	98.04	-2.70	--	--	AV	249.00	150	Vertical	N/A
5	12007.963	50.04	1.22	74.0	-23.96	Peak	186.00	150	Vertical	Pass
5**	12007.963	40.31	1.22	54.0	-13.69	AV	186.00	150	Vertical	Pass
6	15818.362	53.66	1.94	74.0	-20.34	Peak	-3.00	150	Vertical	Pass
6**	15818.362	44.60	1.94	54.0	-9.40	AV	-3.00	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	1475.900	37.05	-17.56	74.0	-36.95	Peak	117.00	150	Horizontal	Pass
1**	1475.900	28.08	-17.56	54.0	-25.92	AV	117.00	150	Horizontal	Pass
2	2809.500	41.96	-10.27	74.0	-32.04	Peak	247.00	150	Horizontal	Pass
2**	2809.500	33.45	-10.27	54.0	-20.55	AV	247.00	150	Horizontal	Pass
3	4168.600	46.81	-5.15	74.0	-27.19	Peak	87.00	150	Horizontal	Pass
3**	4168.600	37.77	-5.15	54.0	-16.23	AV	87.00	150	Horizontal	Pass
4	5179.000	97.91	-2.68	--	--	Peak	74.00	150	Horizontal	N/A
4**	5179.000	90.76	-2.68	--	--	AV	74.00	150	Horizontal	N/A
5	11940.400	50.10	1.68	74.0	-23.90	Peak	223.00	150	Horizontal	Pass
5**	11940.400	41.89	1.68	54.0	-12.11	AV	223.00	150	Horizontal	Pass
6	15803.662	53.44	2.29	74.0	-20.56	Peak	360.00	150	Horizontal	Pass
6**	15803.662	44.93	2.29	54.0	-9.07	AV	360.00	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	1479.900	40.28	-17.55	74.0	-33.72	Peak	360.00	150	Vertical	Pass
1**	1479.900	35.23	-17.55	54.0	-18.77	AV	360.00	150	Vertical	Pass
2	2774.400	42.66	-10.48	74.0	-31.34	Peak	62.00	150	Vertical	Pass
2**	2774.400	33.12	-10.48	54.0	-20.88	AV	62.00	150	Vertical	Pass
3	4062.400	46.61	-5.15	74.0	-27.39	Peak	137.00	150	Vertical	Pass
3**	4062.400	37.42	-5.15	54.0	-16.58	AV	137.00	150	Vertical	Pass
4	5180.200	104.65	-2.69	--	--	Peak	252.00	150	Vertical	N/A
4**	5180.200	95.63	-2.69	--	--	AV	252.00	150	Vertical	N/A
5	12005.662	50.13	1.27	74.0	-23.87	Peak	137.00	150	Vertical	Pass
5**	12005.662	42.25	1.27	54.0	-11.75	AV	137.00	150	Vertical	Pass
6	15633.037	53.48	1.61	74.0	-20.52	Peak	38.00	150	Vertical	Pass
6**	15633.037	44.45	1.61	54.0	-9.55	AV	38.00	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	1543.100	36.48	-17.57	74.0	-37.52	Peak	-3.00	150	Horizontal	Pass
1**	1543.100	27.94	-17.57	54.0	-26.06	AV	-3.00	150	Horizontal	Pass
2	2775.500	41.95	-10.48	74.0	-32.05	Peak	244.00	150	Horizontal	Pass
2**	2775.500	33.33	-10.48	54.0	-20.67	AV	244.00	150	Horizontal	Pass
3	4101.600	46.81	-5.74	74.0	-27.19	Peak	86.00	150	Horizontal	Pass
3**	4101.600	38.41	-5.74	54.0	-15.59	AV	86.00	150	Horizontal	Pass
4	5216.200	98.01	-2.87	--	--	Peak	60.00	150	Horizontal	N/A
4**	5216.200	90.18	-2.87	--	--	AV	60.00	150	Horizontal	N/A
5	11499.662	49.91	0.05	74.0	-24.09	Peak	256.00	150	Horizontal	Pass
5**	11499.662	41.03	0.05	54.0	-12.97	AV	256.00	150	Horizontal	Pass
6	15780.563	53.52	1.57	74.0	-20.48	Peak	240.00	150	Horizontal	Pass
6**	15780.563	44.76	1.57	54.0	-9.24	AV	240.00	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	1480.200	39.00	-17.56	74.0	-35.00	Peak	342.00	150	Vertical	Pass
1**	1480.200	34.07	-17.56	54.0	-19.93	AV	342.00	150	Vertical	Pass
2	2810.300	42.18	-10.23	74.0	-31.82	Peak	318.00	150	Vertical	Pass
2**	2810.300	33.82	-10.23	54.0	-20.18	AV	318.00	150	Vertical	Pass
3	4226.400	46.93	-4.74	74.0	-27.07	Peak	101.00	150	Vertical	Pass
3**	4226.400	36.62	-4.74	54.0	-17.38	AV	101.00	150	Vertical	Pass
4	5218.200	104.20	-2.97	--	--	Peak	257.00	150	Vertical	N/A
4**	5218.200	97.63	-2.97	--	--	AV	257.00	150	Vertical	N/A
5	11463.437	49.45	-0.14	74.0	-24.55	Peak	82.00	150	Vertical	Pass
5**	11463.437	39.85	-0.14	54.0	-14.15	AV	82.00	150	Vertical	Pass
6	15817.050	54.76	1.98	74.0	-19.24	Peak	360.00	150	Vertical	Pass
6**	15817.050	44.94	1.98	54.0	-9.06	AV	360.00	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	1565.000	37.17	-17.56	74.0	-36.83	Peak	-2.00	150	Horizontal	Pass
1**	1565.000	27.61	-17.56	54.0	-26.39	AV	-2.00	150	Horizontal	Pass
2	2803.400	43.39	-10.42	74.0	-30.61	Peak	120.00	150	Horizontal	Pass
2**	2803.400	33.38	-10.42	54.0	-20.62	AV	120.00	150	Horizontal	Pass
3	4012.000	46.71	-5.12	74.0	-27.29	Peak	345.00	150	Horizontal	Pass
3**	4012.000	36.50	-5.12	54.0	-17.50	AV	345.00	150	Horizontal	Pass
4	5239.200	98.41	-2.72	--	--	Peak	40.00	150	Horizontal	N/A
4**	5239.200	92.27	-2.72	--	--	AV	40.00	150	Horizontal	N/A
5	11495.349	50.12	0.05	74.0	-23.88	Peak	333.00	150	Horizontal	Pass
5**	11495.349	40.67	0.05	54.0	-13.33	AV	333.00	150	Horizontal	Pass
6	15803.138	53.18	2.29	74.0	-20.82	Peak	180.00	150	Horizontal	Pass
6**	15803.138	44.33	2.29	54.0	-9.67	AV	180.00	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	1480.100	39.24	-17.56	74.0	-34.76	Peak	360.00	150	Vertical	Pass
1**	1480.100	34.41	-17.56	54.0	-19.59	AV	360.00	150	Vertical	Pass
2	2805.300	43.70	-10.35	74.0	-30.30	Peak	137.00	150	Vertical	Pass
2**	2805.300	32.75	-10.35	54.0	-21.25	AV	137.00	150	Vertical	Pass
3	4050.000	46.87	-4.74	74.0	-27.13	Peak	85.00	150	Vertical	Pass
3**	4050.000	38.44	-4.74	54.0	-15.56	AV	85.00	150	Vertical	Pass
4	5238.600	104.05	-2.73	--	--	Peak	263.00	150	Vertical	N/A
4**	5238.600	98.11	-2.73	--	--	AV	263.00	150	Vertical	N/A
5	12227.325	51.05	1.31	74.0	-22.95	Peak	84.00	150	Vertical	Pass
5**	12227.325	41.29	1.31	54.0	-12.71	AV	84.00	150	Vertical	Pass
6	15802.875	53.96	2.30	74.0	-20.04	Peak	100.00	150	Vertical	Pass
6**	15802.875	45.54	2.30	54.0	-8.46	AV	100.00	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	1528.300	37.76	-17.45	74.0	-36.24	Peak	24.00	150	Horizontal	Pass
1**	1528.300	27.54	-17.45	54.0	-26.46	AV	24.00	150	Horizontal	Pass
2	2777.100	41.88	-10.43	74.0	-32.12	Peak	244.00	150	Horizontal	Pass
2**	2777.100	34.06	-10.43	54.0	-19.94	AV	244.00	150	Horizontal	Pass
3	3827.200	46.95	-5.10	74.0	-27.05	Peak	157.00	150	Horizontal	Pass
3**	3827.200	36.79	-5.10	54.0	-17.21	AV	157.00	150	Horizontal	Pass
4	5187.000	92.44	-2.73	--	--	Peak	69.00	150	Horizontal	N/A
4**	5187.000	85.88	-2.73	--	--	AV	69.00	150	Horizontal	N/A
5	11320.838	49.90	0.55	74.0	-24.10	Peak	360.00	150	Horizontal	Pass
5**	11320.838	40.18	0.55	54.0	-13.82	AV	360.00	150	Horizontal	Pass
6	15962.738	53.18	0.18	74.0	-20.82	Peak	264.00	150	Horizontal	Pass
6**	15962.738	43.94	0.18	54.0	-10.06	AV	264.00	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	1480.100	39.60	-17.56	74.0	-34.40	Peak	0.00	150	Vertical	Pass
1**	1480.100	34.12	-17.56	54.0	-19.88	AV	0.00	150	Vertical	Pass
2	2795.600	42.40	-10.58	74.0	-31.60	Peak	0.00	150	Vertical	Pass
2**	2795.600	32.98	-10.58	54.0	-21.02	AV	0.00	150	Vertical	Pass
3	4071.200	46.50	-5.41	74.0	-27.50	Peak	40.00	150	Vertical	Pass
3**	4071.200	37.88	-5.41	54.0	-16.12	AV	40.00	150	Vertical	Pass
4	5187.800	99.42	-2.70	--	--	Peak	256.00	150	Vertical	N/A
4**	5187.800	92.85	-2.70	--	--	AV	256.00	150	Vertical	N/A
5	11997.325	49.88	1.24	74.0	-24.12	Peak	154.00	150	Vertical	Pass
5**	11997.325	40.73	1.24	54.0	-13.27	AV	154.00	150	Vertical	Pass
6	15798.412	53.66	2.28	74.0	-20.34	Peak	206.00	150	Vertical	Pass
6**	15798.412	46.57	2.28	54.0	-7.43	AV	206.00	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	1474.700	37.08	-17.51	74.0	-36.92	Peak	-1.00	150	Horizontal	Pass
1**	1474.700	27.82	-17.51	54.0	-26.18	AV	-1.00	150	Horizontal	Pass
2	2823.100	42.63	-10.28	74.0	-31.37	Peak	275.00	150	Horizontal	Pass
2**	2823.100	33.19	-10.28	54.0	-20.81	AV	275.00	150	Horizontal	Pass
3	4079.000	46.72	-5.36	74.0	-27.28	Peak	339.00	150	Horizontal	Pass
3**	4079.000	38.36	-5.36	54.0	-15.64	AV	339.00	150	Horizontal	Pass
4	5227.800	94.54	-2.94	--	--	Peak	74.00	150	Horizontal	N/A
4**	5227.800	89.07	-2.94	--	--	AV	74.00	150	Horizontal	N/A
5	12227.325	50.66	1.31	74.0	-23.34	Peak	104.00	150	Horizontal	Pass
5**	12227.325	41.05	1.31	54.0	-12.95	AV	104.00	150	Horizontal	Pass
6	15791.062	53.03	2.04	74.0	-20.97	Peak	254.00	150	Horizontal	Pass
6**	15791.062	45.39	2.04	54.0	-8.61	AV	254.00	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	1480.000	39.27	-17.56	74.0	-34.73	Peak	341.00	150	Vertical	Pass
1**	1480.000	34.99	-17.56	54.0	-19.01	AV	341.00	150	Vertical	Pass
2	2782.900	42.26	-10.49	74.0	-31.74	Peak	214.00	150	Vertical	Pass
2**	2782.900	32.98	-10.49	54.0	-21.02	AV	214.00	150	Vertical	Pass
3	3922.600	47.17	-5.36	74.0	-26.83	Peak	147.00	150	Vertical	Pass
3**	3922.600	37.21	-5.36	54.0	-16.79	AV	147.00	150	Vertical	Pass
4	5233.600	101.90	-2.81	--	--	Peak	255.00	150	Vertical	N/A
4**	5233.600	94.88	-2.81	--	--	AV	255.00	150	Vertical	N/A
5	12024.063	49.55	0.84	74.0	-24.45	Peak	333.00	150	Vertical	Pass
5**	12024.063	40.90	0.84	54.0	-13.10	AV	333.00	150	Vertical	Pass
6	15840.151	53.44	1.44	74.0	-20.56	Peak	235.00	150	Vertical	Pass
6**	15840.151	44.37	1.44	54.0	-9.63	AV	235.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.700	36.29	-17.59	74.0	-37.71	Peak	61.00	150	Horizontal	Pass
1**	1505.700	28.25	-17.59	54.0	-25.75	AV	61.00	150	Horizontal	Pass
2	2802.700	42.44	-10.45	74.0	-31.56	Peak	-1.00	150	Horizontal	Pass
2**	2802.700	33.72	-10.45	54.0	-20.28	AV	-1.00	150	Horizontal	Pass
3	3964.400	46.10	-4.80	74.0	-27.90	Peak	109.00	150	Horizontal	Pass
3**	3964.400	36.91	-4.80	54.0	-17.09	AV	109.00	150	Horizontal	Pass
4	5182.200	97.55	-2.72	--	--	Peak	63.00	150	Horizontal	N/A
4**	5182.200	91.12	-2.72	--	--	AV	63.00	150	Horizontal	N/A
5	11658.075	49.88	0.07	74.0	-24.12	Peak	360.00	150	Horizontal	Pass
5**	11658.075	40.47	0.07	54.0	-13.53	AV	360.00	150	Horizontal	Pass
6	15804.975	53.59	2.27	74.0	-20.41	Peak	360.00	150	Horizontal	Pass
6**	15804.975	45.56	2.27	54.0	-8.44	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.000	38.86	-17.56	74.0	-35.14	Peak	-1.00	150	Vertical	Pass
1**	1480.000	34.75	-17.56	54.0	-19.25	AV	-1.00	150	Vertical	Pass
2	2799.400	41.96	-10.56	74.0	-32.04	Peak	69.00	150	Vertical	Pass
2**	2799.400	33.01	-10.56	54.0	-20.99	AV	69.00	150	Vertical	Pass
3	4067.800	47.09	-5.49	74.0	-26.91	Peak	73.00	150	Vertical	Pass
3**	4067.800	37.56	-5.49	54.0	-16.44	AV	73.00	150	Vertical	Pass
4	5181.400	104.92	-2.71	--	--	Peak	255.00	150	Vertical	N/A
4**	5181.400	98.13	-2.71	--	--	AV	255.00	150	Vertical	N/A
5	11690.849	49.93	0.18	74.0	-24.07	Peak	31.00	150	Vertical	Pass
5**	11690.849	40.12	0.18	54.0	-13.88	AV	31.00	150	Vertical	Pass
6	15803.400	53.74	2.29	74.0	-20.26	Peak	266.00	150	Vertical	Pass
6**	15803.400	44.97	2.29	54.0	-9.03	AV	266.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.900	36.90	-17.55	74.0	-37.10	Peak	-3.00	150	Horizontal	Pass
1**	1565.900	28.94	-17.55	54.0	-25.06	AV	-3.00	150	Horizontal	Pass
2	2784.100	41.49	-10.58	74.0	-32.51	Peak	168.00	150	Horizontal	Pass
2**	2784.100	33.23	-10.58	54.0	-20.77	AV	168.00	150	Horizontal	Pass
3	4091.400	47.75	-5.63	74.0	-26.25	Peak	31.00	150	Horizontal	Pass
3**	4091.400	37.65	-5.63	54.0	-16.35	AV	31.00	150	Horizontal	Pass
4	5218.800	96.98	-3.01	--	--	Peak	275.00	150	Horizontal	N/A
4**	5218.800	91.80	-3.01	--	--	AV	275.00	150	Horizontal	N/A
5	11672.450	49.79	0.25	74.0	-24.21	Peak	360.00	150	Horizontal	Pass
5**	11672.450	40.50	0.25	54.0	-13.50	AV	360.00	150	Horizontal	Pass
6	15811.537	53.79	2.13	74.0	-20.21	Peak	301.00	150	Horizontal	Pass
6**	15811.537	44.71	2.13	54.0	-9.29	AV	301.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	39.06	-17.55	74.0	-34.94	Peak	-3.00	150	Vertical	Pass
1**	1479.800	34.49	-17.55	54.0	-19.51	AV	-3.00	150	Vertical	Pass
2	2805.800	42.01	-10.34	74.0	-31.99	Peak	140.00	150	Vertical	Pass
2**	2805.800	33.56	-10.34	54.0	-20.44	AV	140.00	150	Vertical	Pass
3	4160.000	47.57	-4.90	74.0	-26.43	Peak	355.00	150	Vertical	Pass
3**	4160.000	38.90	-4.90	54.0	-15.10	AV	355.00	150	Vertical	Pass
4	5222.400	104.10	-3.02	--	--	Peak	268.00	150	Vertical	N/A
4**	5222.400	96.66	-3.02	--	--	AV	268.00	150	Vertical	N/A
5	11930.338	49.58	1.57	74.0	-24.42	Peak	12.00	150	Vertical	Pass
5**	11930.338	41.38	1.57	54.0	-12.62	AV	12.00	150	Vertical	Pass
6	15808.912	53.48	2.19	74.0	-20.52	Peak	299.00	150	Vertical	Pass
6**	15808.912	45.49	2.19	54.0	-8.51	AV	299.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.700	36.77	-17.56	74.0	-37.23	Peak	339.00	150	Horizontal	Pass
1**	1574.700	27.76	-17.56	54.0	-26.24	AV	339.00	150	Horizontal	Pass
2	2775.400	42.71	-10.49	74.0	-31.29	Peak	339.00	150	Horizontal	Pass
2**	2775.400	33.06	-10.49	54.0	-20.94	AV	339.00	150	Horizontal	Pass
3	4050.000	47.08	-4.74	74.0	-26.92	Peak	190.00	150	Horizontal	Pass
3**	4050.000	38.03	-4.74	54.0	-15.97	AV	190.00	150	Horizontal	Pass
4	5239.000	98.29	-2.72	--	--	Peak	70.00	150	Horizontal	N/A
4**	5239.000	93.29	-2.72	--	--	AV	70.00	150	Horizontal	N/A
5	11503.400	49.71	-0.04	74.0	-24.29	Peak	271.00	150	Horizontal	Pass
5**	11503.400	40.90	-0.04	54.0	-13.10	AV	271.00	150	Horizontal	Pass
6	15837.787	53.35	1.45	74.0	-20.65	Peak	359.00	150	Horizontal	Pass
6**	15837.787	45.76	1.45	54.0	-8.24	AV	359.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.900	38.90	-17.55	74.0	-35.10	Peak	-1.00	150	Vertical	Pass
1**	1479.900	34.94	-17.55	54.0	-19.06	AV	-1.00	150	Vertical	Pass
2	2754.300	42.72	-10.76	74.0	-31.28	Peak	76.00	150	Vertical	Pass
2**	2754.300	33.73	-10.76	54.0	-20.27	AV	76.00	150	Vertical	Pass
3	4058.200	46.84	-4.88	74.0	-27.16	Peak	297.00	150	Vertical	Pass
3**	4058.200	37.41	-4.88	54.0	-16.59	AV	297.00	150	Vertical	Pass
4	5238.000	104.83	-2.76	--	--	Peak	252.00	150	Vertical	N/A
4**	5238.000	98.17	-2.76	--	--	AV	252.00	150	Vertical	N/A
5	12184.776	50.20	0.66	74.0	-23.80	Peak	298.00	150	Vertical	Pass
5**	12184.776	40.78	0.66	54.0	-13.22	AV	298.00	150	Vertical	Pass
6	15839.362	53.32	1.45	74.0	-20.68	Peak	234.00	150	Vertical	Pass
6**	15839.362	45.64	1.45	54.0	-8.36	AV	234.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.200	37.41	-17.38	74.0	-36.59	Peak	-3.00	150	Horizontal	Pass
1**	1462.200	27.82	-17.38	54.0	-26.18	AV	-3.00	150	Horizontal	Pass
2	2823.200	42.70	-10.28	74.0	-31.30	Peak	312.00	150	Horizontal	Pass
2**	2823.200	33.51	-10.28	54.0	-20.49	AV	312.00	150	Horizontal	Pass
3	4052.800	46.82	-4.88	74.0	-27.18	Peak	86.00	150	Horizontal	Pass
3**	4052.800	37.53	-4.88	54.0	-16.47	AV	86.00	150	Horizontal	Pass
4	5192.200	92.26	-2.68	--	--	Peak	71.00	150	Horizontal	N/A
4**	5192.200	84.89	-2.68	--	--	AV	71.00	150	Horizontal	N/A
5	11980.937	50.88	0.88	74.0	-23.12	Peak	233.00	150	Horizontal	Pass
5**	11980.937	41.43	0.88	54.0	-12.57	AV	233.00	150	Horizontal	Pass
6	15832.537	53.48	1.47	74.0	-20.52	Peak	95.00	150	Horizontal	Pass
6**	15832.537	45.04	1.47	54.0	-8.96	AV	95.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.700	40.29	-17.55	74.0	-33.71	Peak	-1.00	150	Vertical	Pass
1**	1479.700	34.30	-17.55	54.0	-19.70	AV	-1.00	150	Vertical	Pass
2	2778.800	42.77	-10.43	74.0	-31.23	Peak	221.00	150	Vertical	Pass
2**	2778.800	32.85	-10.43	54.0	-21.15	AV	221.00	150	Vertical	Pass
3	4136.800	46.84	-4.93	74.0	-27.16	Peak	11.00	150	Vertical	Pass
3**	4136.800	37.95	-4.93	54.0	-16.05	AV	11.00	150	Vertical	Pass
4	5188.600	99.54	-2.68	--	--	Peak	255.00	150	Vertical	N/A
4**	5188.600	92.41	-2.68	--	--	AV	255.00	150	Vertical	N/A
5	11896.125	50.35	1.70	74.0	-23.65	Peak	176.00	150	Vertical	Pass
5**	11896.125	40.69	1.70	54.0	-13.31	AV	176.00	150	Vertical	Pass
6	15498.112	52.93	1.12	74.0	-21.07	Peak	337.00	150	Vertical	Pass
6**	15498.112	44.91	1.12	54.0	-9.09	AV	337.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	36.47	-17.54	74.0	-37.53	Peak	360.00	150	Horizontal	Pass
1**	1484.400	27.48	-17.54	54.0	-26.52	AV	360.00	150	Horizontal	Pass
2	2761.800	42.05	-11.01	74.0	-31.95	Peak	0.00	150	Horizontal	Pass
2**	2761.800	33.06	-11.01	54.0	-20.94	AV	0.00	150	Horizontal	Pass
3	4221.000	46.85	-4.94	74.0	-27.15	Peak	48.00	150	Horizontal	Pass
3**	4221.000	37.86	-4.94	54.0	-16.14	AV	48.00	150	Horizontal	Pass
4	5231.800	94.63	-2.89	--	--	Peak	64.00	150	Horizontal	N/A
4**	5231.800	87.32	-2.89	--	--	AV	64.00	150	Horizontal	N/A
5	12019.174	49.96	0.94	74.0	-24.04	Peak	0.00	150	Horizontal	Pass
5**	12019.174	41.75	0.94	54.0	-12.25	AV	0.00	150	Horizontal	Pass
6	15823.612	54.07	1.71	74.0	-19.93	Peak	238.00	150	Horizontal	Pass
6**	15823.612	44.30	1.71	54.0	-9.70	AV	238.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.700	38.59	-17.55	74.0	-35.41	Peak	-3.00	150	Vertical	Pass
1**	1479.700	34.90	-17.55	54.0	-19.10	AV	-3.00	150	Vertical	Pass
2	2831.000	42.29	-10.37	74.0	-31.71	Peak	43.00	150	Vertical	Pass
2**	2831.000	32.80	-10.37	54.0	-21.20	AV	43.00	150	Vertical	Pass
3	4057.200	46.83	-4.88	74.0	-27.17	Peak	55.00	150	Vertical	Pass
3**	4057.200	37.55	-4.88	54.0	-16.45	AV	55.00	150	Vertical	Pass
4	5227.600	101.48	-2.93	--	--	Peak	251.00	150	Vertical	N/A
4**	5227.600	94.62	-2.93	--	--	AV	251.00	150	Vertical	N/A
5	11896.125	49.93	1.70	74.0	-24.07	Peak	175.00	150	Vertical	Pass
5**	11896.125	40.20	1.70	54.0	-13.80	AV	175.00	150	Vertical	Pass
6	15820.463	53.62	1.85	74.0	-20.38	Peak	0.00	150	Vertical	Pass
6**	15820.463	45.10	1.85	54.0	-8.90	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.000	36.57	-17.56	74.0	-37.43	Peak	-3.00	150	Horizontal	Pass
1**	1480.000	29.26	-17.56	54.0	-24.74	AV	-3.00	150	Horizontal	Pass
2	2807.800	42.43	-10.30	74.0	-31.57	Peak	66.00	150	Horizontal	Pass
2**	2807.800	32.87	-10.30	54.0	-21.13	AV	66.00	150	Horizontal	Pass
3	4137.600	46.47	-4.90	74.0	-27.53	Peak	357.00	150	Horizontal	Pass
3**	4137.600	37.52	-4.90	54.0	-16.48	AV	357.00	150	Horizontal	Pass
4	5207.800	88.24	-2.54	--	--	Peak	73.00	150	Horizontal	N/A
4**	5207.800	81.73	-2.54	--	--	AV	73.00	150	Horizontal	N/A
5	12015.438	50.27	1.02	74.0	-23.73	Peak	74.00	150	Horizontal	Pass
5**	12015.438	41.00	1.02	54.0	-13.00	AV	74.00	150	Horizontal	Pass
6	15810.224	53.45	2.16	74.0	-20.55	Peak	149.00	150	Horizontal	Pass
6**	15810.224	45.26	2.16	54.0	-8.74	AV	149.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	39.12	-17.55	74.0	-34.88	Peak	360.00	150	Vertical	Pass
1**	1479.800	35.95	-17.55	54.0	-18.05	AV	360.00	150	Vertical	Pass
2	2789.400	42.98	-10.58	74.0	-31.02	Peak	-3.00	150	Vertical	Pass
2**	2789.400	34.08	-10.58	54.0	-19.92	AV	-3.00	150	Vertical	Pass
3	4145.600	46.84	-4.86	74.0	-27.16	Peak	290.00	150	Vertical	Pass
3**	4145.600	38.18	-4.86	54.0	-15.82	AV	290.00	150	Vertical	Pass
4	5217.000	94.67	-2.89	--	--	Peak	244.00	150	Vertical	N/A
4**	5217.000	88.21	-2.89	--	--	AV	244.00	150	Vertical	N/A
5	11206.700	50.33	-0.25	74.0	-23.67	Peak	99.00	150	Vertical	Pass
5**	11206.700	39.82	-0.25	54.0	-14.18	AV	99.00	150	Vertical	Pass
6	15801.825	53.16	2.31	74.0	-20.84	Peak	78.00	150	Vertical	Pass
6**	15801.825	45.56	2.31	54.0	-8.44	AV	78.00	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	1538.000	36.84	-17.49	74.0	-37.16	Peak	343.00	150	Horizontal	Pass
1**	1538.000	28.23	-17.49	54.0	-25.77	AV	343.00	150	Horizontal	Pass
2	2823.300	43.34	-10.29	74.0	-30.66	Peak	214.00	150	Horizontal	Pass
2**	2823.300	33.31	-10.29	54.0	-20.69	AV	214.00	150	Horizontal	Pass
3	4072.400	46.76	-5.47	74.0	-27.24	Peak	298.00	150	Horizontal	Pass
3**	4072.400	37.25	-5.47	54.0	-16.75	AV	298.00	150	Horizontal	Pass
4	5744.200	97.59	-2.31	--	--	Peak	360.00	150	Horizontal	N/A
4**	5744.200	91.36	-2.31	--	--	AV	360.00	150	Horizontal	N/A
5	11664.113	51.04	0.16	74.0	-22.96	Peak	153.00	150	Horizontal	Pass
5**	11664.113	40.28	0.16	54.0	-13.72	AV	153.00	150	Horizontal	Pass
6	15788.963	53.62	1.97	74.0	-20.38	Peak	48.00	150	Horizontal	Pass
6**	15788.963	45.79	1.97	54.0	-8.21	AV	48.00	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	1480.000	39.50	-17.56	74.0	-34.50	Peak	327.00	150	Vertical	Pass
1**	1480.000	34.97	-17.56	54.0	-19.03	AV	327.00	150	Vertical	Pass
2	2837.700	42.98	-10.35	74.0	-31.02	Peak	266.00	150	Vertical	Pass
2**	2837.700	32.90	-10.35	54.0	-21.10	AV	266.00	150	Vertical	Pass
3	4059.400	47.09	-4.93	74.0	-26.91	Peak	68.00	150	Vertical	Pass
3**	4059.400	37.62	-4.93	54.0	-16.38	AV	68.00	150	Vertical	Pass
4	5742.000	103.50	-2.25	--	--	Peak	238.00	150	Vertical	N/A
4**	5742.000	95.86	-2.25	--	--	AV	238.00	150	Vertical	N/A
5	11407.950	49.69	-0.21	74.0	-24.31	Peak	170.00	150	Vertical	Pass
5**	11407.950	40.61	-0.21	54.0	-13.39	AV	170.00	150	Vertical	Pass
6	15799.200	53.15	2.31	74.0	-20.85	Peak	258.00	150	Vertical	Pass
6**	15799.200	46.31	2.31	54.0	-7.69	AV	258.00	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	1575.600	36.55	-17.54	74.0	-37.45	Peak	113.00	150	Horizontal	Pass
1**	1575.600	28.04	-17.54	54.0	-25.96	AV	113.00	150	Horizontal	Pass
2	2778.100	42.81	-10.42	74.0	-31.19	Peak	-3.00	150	Horizontal	Pass
2**	2778.100	33.01	-10.42	54.0	-20.99	AV	-3.00	150	Horizontal	Pass
3	4114.000	46.42	-5.51	74.0	-27.58	Peak	70.00	150	Horizontal	Pass
3**	4114.000	37.23	-5.51	54.0	-16.77	AV	70.00	150	Horizontal	Pass
4	5782.800	97.70	-2.20	--	--	Peak	360.00	150	Horizontal	N/A
4**	5782.800	91.65	-2.20	--	--	AV	360.00	150	Horizontal	N/A
5	11660.375	49.35	0.13	74.0	-24.65	Peak	325.00	150	Horizontal	Pass
5**	11660.375	41.22	0.13	54.0	-12.78	AV	325.00	150	Horizontal	Pass
6	15787.650	53.04	1.91	74.0	-20.96	Peak	177.00	150	Horizontal	Pass
6**	15787.650	45.02	1.91	54.0	-8.98	AV	177.00	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	1479.800	39.24	-17.55	74.0	-34.76	Peak	-3.00	150	Vertical	Pass
1**	1479.800	35.42	-17.55	54.0	-18.58	AV	-3.00	150	Vertical	Pass
2	2800.300	42.05	-10.55	74.0	-31.95	Peak	11.00	150	Vertical	Pass
2**	2800.300	33.43	-10.55	54.0	-20.57	AV	11.00	150	Vertical	Pass
3	4082.800	46.66	-5.35	74.0	-27.34	Peak	360.00	150	Vertical	Pass
3**	4082.800	37.52	-5.35	54.0	-16.48	AV	360.00	150	Vertical	Pass
4	5784.000	102.57	-2.30	--	--	Peak	247.00	150	Vertical	N/A
4**	5784.000	97.50	-2.30	--	--	AV	247.00	150	Vertical	N/A
5	12263.262	50.04	1.22	74.0	-23.96	Peak	-3.00	150	Vertical	Pass
5**	12263.262	42.02	1.22	54.0	-11.98	AV	-3.00	150	Vertical	Pass
6	15806.026	53.17	2.25	74.0	-20.83	Peak	360.00	150	Vertical	Pass
6**	15806.026	45.37	2.25	54.0	-8.63	AV	360.00	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	1514.600	36.25	-17.59	74.0	-37.75	Peak	360.00	150	Horizontal	Pass
1**	1514.600	28.11	-17.59	54.0	-25.89	AV	360.00	150	Horizontal	Pass
2	2809.200	42.19	-10.28	74.0	-31.81	Peak	0.00	150	Horizontal	Pass
2**	2809.200	33.41	-10.28	54.0	-20.59	AV	0.00	150	Horizontal	Pass
3	3927.000	46.59	-5.50	74.0	-27.41	Peak	360.00	150	Horizontal	Pass
3**	3927.000	36.12	-5.50	54.0	-17.88	AV	360.00	150	Horizontal	Pass
4	5824.000	98.36	-2.40	--	--	Peak	181.00	150	Horizontal	N/A
4**	5824.000	91.65	-2.40	--	--	AV	181.00	150	Horizontal	N/A
5	12075.525	50.02	0.66	74.0	-23.98	Peak	106.00	150	Horizontal	Pass
5**	12075.525	40.27	0.66	54.0	-13.73	AV	106.00	150	Horizontal	Pass
6	15795.526	53.38	2.19	74.0	-20.62	Peak	360.00	150	Horizontal	Pass
6**	15795.526	45.37	2.19	54.0	-8.63	AV	360.00	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	1480.200	39.28	-17.56	74.0	-34.72	Peak	327.00	150	Vertical	Pass
1**	1480.200	35.76	-17.56	54.0	-18.24	AV	327.00	150	Vertical	Pass
2	2800.900	42.23	-10.55	74.0	-31.77	Peak	89.00	150	Vertical	Pass
2**	2800.900	32.79	-10.55	54.0	-21.21	AV	89.00	150	Vertical	Pass
3	3924.200	46.59	-5.38	74.0	-27.41	Peak	146.00	150	Vertical	Pass
3**	3924.200	37.34	-5.38	54.0	-16.66	AV	146.00	150	Vertical	Pass
4	5823.400	102.37	-2.41	--	--	Peak	239.00	150	Vertical	N/A
4**	5823.400	95.89	-2.41	--	--	AV	239.00	150	Vertical	N/A
5	11626.738	49.12	-0.16	74.0	-24.88	Peak	172.00	150	Vertical	Pass
5**	11626.738	40.29	-0.16	54.0	-13.71	AV	172.00	150	Vertical	Pass
6	15801.562	54.34	2.31	74.0	-19.66	Peak	337.00	150	Vertical	Pass
6**	15801.562	45.32	2.31	54.0	-8.68	AV	337.00	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	1533.900	36.28	-17.52	74.0	-37.72	Peak	285.00	150	Horizontal	Pass
1**	1533.900	27.06	-17.52	54.0	-26.94	AV	285.00	150	Horizontal	Pass
2	2784.700	42.16	-10.54	74.0	-31.84	Peak	305.00	150	Horizontal	Pass
2**	2784.700	33.61	-10.54	54.0	-20.39	AV	305.00	150	Horizontal	Pass
3	3980.200	46.35	-5.55	74.0	-27.65	Peak	186.00	150	Horizontal	Pass
3**	3980.200	37.94	-5.55	54.0	-16.06	AV	186.00	150	Horizontal	Pass
4	5743.400	97.72	-2.28	--	--	Peak	360.00	150	Horizontal	N/A
4**	5743.400	91.05	-2.28	--	--	AV	360.00	150	Horizontal	N/A
5	11842.362	50.11	1.15	74.0	-23.89	Peak	46.00	150	Horizontal	Pass
5**	11842.362	41.48	1.15	54.0	-12.52	AV	46.00	150	Horizontal	Pass
6	15835.950	53.22	1.45	74.0	-20.78	Peak	43.00	150	Horizontal	Pass
6**	15835.950	44.35	1.45	54.0	-9.65	AV	43.00	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	1480.000	40.16	-17.56	74.0	-33.84	Peak	350.00	150	Vertical	Pass
1**	1480.000	33.18	-17.56	54.0	-20.82	AV	350.00	150	Vertical	Pass
2	2774.500	42.75	-10.48	74.0	-31.25	Peak	31.00	150	Vertical	Pass
2**	2774.500	33.25	-10.48	54.0	-20.75	AV	31.00	150	Vertical	Pass
3	4089.800	46.92	-5.52	74.0	-27.08	Peak	121.00	150	Vertical	Pass
3**	4089.800	36.73	-5.52	54.0	-17.27	AV	121.00	150	Vertical	Pass
4	5743.000	103.00	-2.27	--	--	Peak	257.00	150	Vertical	N/A
4**	5743.000	96.95	-2.27	--	--	AV	257.00	150	Vertical	N/A
5	11448.776	49.13	-0.04	74.0	-24.87	Peak	267.00	150	Vertical	Pass
5**	11448.776	39.68	-0.04	54.0	-14.32	AV	267.00	150	Vertical	Pass
6	15818.888	53.45	1.92	74.0	-20.55	Peak	148.00	150	Vertical	Pass
6**	15818.888	45.38	1.92	54.0	-8.62	AV	148.00	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	1540.400	36.27	-17.52	74.0	-37.73	Peak	167.00	150	Horizontal	Pass
1**	1540.400	27.98	-17.52	54.0	-26.02	AV	167.00	150	Horizontal	Pass
2	2763.000	42.52	-10.97	74.0	-31.48	Peak	303.00	150	Horizontal	Pass
2**	2763.000	33.57	-10.97	54.0	-20.43	AV	303.00	150	Horizontal	Pass
3	3982.400	46.30	-5.63	74.0	-27.70	Peak	253.00	150	Horizontal	Pass
3**	3982.400	37.17	-5.63	54.0	-16.83	AV	253.00	150	Horizontal	Pass
4	5789.000	97.71	-2.48	--	--	Peak	182.00	150	Horizontal	N/A
4**	5789.000	91.21	-2.48	--	--	AV	182.00	150	Horizontal	N/A
5	11954.201	49.93	1.20	74.0	-24.07	Peak	182.00	150	Horizontal	Pass
5**	11954.201	40.66	1.20	54.0	-13.34	AV	182.00	150	Horizontal	Pass
6	15509.925	53.55	1.44	74.0	-20.45	Peak	360.00	150	Horizontal	Pass
6**	15509.925	44.24	1.44	54.0	-9.76	AV	360.00	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	1479.900	39.41	-17.55	74.0	-34.59	Peak	-3.00	150	Vertical	Pass
1**	1479.900	35.17	-17.55	54.0	-18.83	AV	-3.00	150	Vertical	Pass
2	2775.300	42.29	-10.49	74.0	-31.71	Peak	-3.00	150	Vertical	Pass
2**	2775.300	33.09	-10.49	54.0	-20.91	AV	-3.00	150	Vertical	Pass
3	3847.800	46.62	-5.43	74.0	-27.38	Peak	188.00	150	Vertical	Pass
3**	3847.800	36.52	-5.43	54.0	-17.48	AV	188.00	150	Vertical	Pass
4	5784.200	102.53	-2.31	--	--	Peak	233.00	150	Vertical	N/A
4**	5784.200	96.62	-2.31	--	--	AV	233.00	150	Vertical	N/A
5	11120.162	49.31	-0.68	74.0	-24.69	Peak	25.00	150	Vertical	Pass
5**	11120.162	40.10	-0.68	54.0	-13.90	AV	25.00	150	Vertical	Pass
6	15790.800	53.97	2.04	74.0	-20.03	Peak	155.00	150	Vertical	Pass
6**	15790.800	43.94	2.04	54.0	-10.06	AV	155.00	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	1487.900	36.44	-17.59	74.0	-37.56	Peak	0.00	150	Horizontal	Pass
1**	1487.900	28.02	-17.59	54.0	-25.98	AV	0.00	150	Horizontal	Pass
2	2739.900	42.83	-10.84	74.0	-31.17	Peak	29.00	150	Horizontal	Pass
2**	2739.900	33.29	-10.84	54.0	-20.71	AV	29.00	150	Horizontal	Pass
3	3980.000	46.15	-5.55	74.0	-27.85	Peak	229.00	150	Horizontal	Pass
3**	3980.000	36.69	-5.55	54.0	-17.31	AV	229.00	150	Horizontal	Pass
4	5820.600	97.86	-2.58	--	--	Peak	178.00	150	Horizontal	N/A
4**	5820.600	91.30	-2.58	--	--	AV	178.00	150	Horizontal	N/A
5	11824.538	49.98	1.13	74.0	-24.02	Peak	160.00	150	Horizontal	Pass
5**	11824.538	40.33	1.13	54.0	-13.67	AV	160.00	150	Horizontal	Pass
6	15814.162	53.62	2.08	74.0	-20.38	Peak	79.00	150	Horizontal	Pass
6**	15814.162	44.82	2.08	54.0	-9.18	AV	79.00	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	1480.000	39.16	-17.56	74.0	-34.84	Peak	-3.00	150	Vertical	Pass
1**	1480.000	35.41	-17.56	54.0	-18.59	AV	-3.00	150	Vertical	Pass
2	2778.100	42.52	-10.42	74.0	-31.48	Peak	328.00	150	Vertical	Pass
2**	2778.100	33.78	-10.42	54.0	-20.22	AV	328.00	150	Vertical	Pass
3	4229.200	47.47	-4.54	74.0	-26.53	Peak	12.00	150	Vertical	Pass
3**	4229.200	38.31	-4.54	54.0	-15.69	AV	12.00	150	Vertical	Pass
4	5825.800	102.19	-2.37	--	--	Peak	229.00	150	Vertical	N/A
4**	5825.800	95.73	-2.37	--	--	AV	229.00	150	Vertical	N/A
5	12049.075	50.56	1.01	74.0	-23.44	Peak	265.00	150	Vertical	Pass
5**	12049.075	41.23	1.01	54.0	-12.77	AV	265.00	150	Vertical	Pass
6	15806.026	54.19	2.25	74.0	-19.81	Peak	248.00	150	Vertical	Pass
6**	15806.026	46.15	2.25	54.0	-7.85	AV	248.00	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	1514.200	36.46	-17.60	74.0	-37.54	Peak	360.00	150	Horizontal	Pass
1**	1514.200	27.44	-17.60	54.0	-26.56	AV	360.00	150	Horizontal	Pass
2	2780.000	42.95	-10.43	74.0	-31.05	Peak	-3.00	150	Horizontal	Pass
2**	2780.000	33.15	-10.43	54.0	-20.85	AV	-3.00	150	Horizontal	Pass
3	3964.800	46.66	-4.80	74.0	-27.34	Peak	142.00	150	Horizontal	Pass
3**	3964.800	38.38	-4.80	54.0	-15.62	AV	142.00	150	Horizontal	Pass
4	5758.800	94.53	-1.96	--	--	Peak	302.00	150	Horizontal	N/A
4**	5758.800	88.06	-1.96	--	--	AV	302.00	150	Horizontal	N/A
5	11946.150	49.62	1.51	74.0	-24.38	Peak	292.00	150	Horizontal	Pass
5**	11946.150	40.55	1.51	54.0	-13.45	AV	292.00	150	Horizontal	Pass
6	15805.237	53.71	2.27	74.0	-20.29	Peak	231.00	150	Horizontal	Pass
6**	15805.237	44.46	2.27	54.0	-9.54	AV	231.00	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	1479.800	39.81	-17.55	74.0	-34.19	Peak	345.00	150	Vertical	Pass
1**	1479.800	35.89	-17.55	54.0	-18.11	AV	345.00	150	Vertical	Pass
2	2814.900	42.77	-10.08	74.0	-31.23	Peak	274.00	150	Vertical	Pass
2**	2814.900	33.41	-10.08	54.0	-20.59	AV	274.00	150	Vertical	Pass
3	3955.000	46.49	-4.72	74.0	-27.51	Peak	242.00	150	Vertical	Pass
3**	3955.000	36.28	-4.72	54.0	-17.72	AV	242.00	150	Vertical	Pass
4	5758.000	100.44	-1.99	--	--	Peak	242.00	150	Vertical	N/A
4**	5758.000	93.90	-1.99	--	--	AV	242.00	150	Vertical	N/A
5	11064.963	49.52	-0.94	74.0	-24.48	Peak	2.00	150	Vertical	Pass
5**	11064.963	41.32	-0.94	54.0	-12.68	AV	2.00	150	Vertical	Pass
6	15811.276	53.18	2.14	74.0	-20.82	Peak	175.00	150	Vertical	Pass
6**	15811.276	44.52	2.14	54.0	-9.48	AV	175.00	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	1577.100	37.40	-17.52	74.0	-36.60	Peak	83.00	150	Horizontal	Pass
1**	1577.100	28.01	-17.52	54.0	-25.99	AV	83.00	150	Horizontal	Pass
2	2732.300	42.84	-10.94	74.0	-31.16	Peak	178.00	150	Horizontal	Pass
2**	2732.300	33.94	-10.94	54.0	-20.06	AV	178.00	150	Horizontal	Pass
3	4106.000	46.77	-5.67	74.0	-27.23	Peak	232.00	150	Horizontal	Pass
3**	4106.000	37.17	-5.67	54.0	-16.83	AV	232.00	150	Horizontal	Pass
4	5793.600	95.00	-2.55	--	--	Peak	179.00	150	Horizontal	N/A
4**	5793.600	87.64	-2.55	--	--	AV	179.00	150	Horizontal	N/A
5	12265.850	50.28	1.32	74.0	-23.72	Peak	-2.00	150	Horizontal	Pass
5**	12265.850	42.00	1.32	54.0	-12.00	AV	-2.00	150	Horizontal	Pass
6	15800.250	53.19	2.33	74.0	-20.81	Peak	26.00	150	Horizontal	Pass
6**	15800.250	45.75	2.33	54.0	-8.25	AV	26.00	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	1480.300	38.81	-17.57	74.0	-35.19	Peak	328.00	150	Vertical	Pass
1**	1480.300	34.86	-17.57	54.0	-19.14	AV	328.00	150	Vertical	Pass
2	2820.600	42.17	-10.20	74.0	-31.83	Peak	4.00	150	Vertical	Pass
2**	2820.600	33.20	-10.20	54.0	-20.80	AV	4.00	150	Vertical	Pass
3	4064.400	46.48	-5.27	74.0	-27.52	Peak	360.00	150	Vertical	Pass
3**	4064.400	38.12	-5.27	54.0	-15.88	AV	360.00	150	Vertical	Pass
4	5793.800	99.71	-2.55	--	--	Peak	257.00	150	Vertical	N/A
4**	5793.800	92.75	-2.55	--	--	AV	257.00	150	Vertical	N/A
5	12005.088	50.25	1.29	74.0	-23.75	Peak	270.00	150	Vertical	Pass
5**	12005.088	40.97	1.29	54.0	-13.03	AV	270.00	150	Vertical	Pass
6	15747.225	53.25	0.98	74.0	-20.75	Peak	325.00	150	Vertical	Pass
6**	15747.225	43.35	0.98	54.0	-10.65	AV	325.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.100	37.03	-17.60	74.0	-36.97	Peak	229.00	150	Horizontal	Pass
1**	1505.100	27.14	-17.60	54.0	-26.86	AV	229.00	150	Horizontal	Pass
2	2813.700	41.99	-10.02	74.0	-32.01	Peak	0.00	150	Horizontal	Pass
2**	2813.700	33.28	-10.02	54.0	-20.72	AV	0.00	150	Horizontal	Pass
3	4071.000	47.46	-5.41	74.0	-26.54	Peak	177.00	150	Horizontal	Pass
3**	4071.000	37.03	-5.41	54.0	-16.97	AV	177.00	150	Horizontal	Pass
4	5744.000	98.27	-2.29	--	--	Peak	360.00	150	Horizontal	N/A
4**	5744.000	91.73	-2.29	--	--	AV	360.00	150	Horizontal	N/A
5	12363.888	50.45	1.20	74.0	-23.55	Peak	89.00	150	Horizontal	Pass
5**	12363.888	40.97	1.20	54.0	-13.03	AV	89.00	150	Horizontal	Pass
6	15808.388	53.69	2.20	74.0	-20.31	Peak	29.00	150	Horizontal	Pass
6**	15808.388	44.79	2.20	54.0	-9.21	AV	29.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.100	39.59	-17.56	74.0	-34.41	Peak	-2.00	150	Vertical	Pass
1**	1480.100	33.95	-17.56	54.0	-20.05	AV	-2.00	150	Vertical	Pass
2	2775.800	42.39	-10.47	74.0	-31.61	Peak	88.00	150	Vertical	Pass
2**	2775.800	33.47	-10.47	54.0	-20.53	AV	88.00	150	Vertical	Pass
3	4043.800	46.13	-4.90	74.0	-27.87	Peak	10.00	150	Vertical	Pass
3**	4043.800	37.56	-4.90	54.0	-16.44	AV	10.00	150	Vertical	Pass
4	5744.000	103.58	-2.29	--	--	Peak	250.00	150	Vertical	N/A
4**	5744.000	97.19	-2.29	--	--	AV	250.00	150	Vertical	N/A
5	11928.037	50.02	1.54	74.0	-23.98	Peak	-3.00	150	Vertical	Pass
5**	11928.037	41.51	1.54	54.0	-12.49	AV	-3.00	150	Vertical	Pass
6	15795.000	53.34	2.17	74.0	-20.66	Peak	267.00	150	Vertical	Pass
6**	15795.000	44.88	2.17	54.0	-9.12	AV	267.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.000	36.56	-17.58	74.0	-37.44	Peak	100.00	150	Horizontal	Pass
1**	1543.000	27.59	-17.58	54.0	-26.41	AV	100.00	150	Horizontal	Pass
2	2798.500	41.77	-10.58	74.0	-32.23	Peak	100.00	150	Horizontal	Pass
2**	2798.500	32.97	-10.58	54.0	-21.03	AV	100.00	150	Horizontal	Pass
3	3921.800	46.67	-5.36	74.0	-27.33	Peak	67.00	150	Horizontal	Pass
3**	3921.800	38.14	-5.36	54.0	-15.86	AV	67.00	150	Horizontal	Pass
4	5787.400	97.47	-2.46	--	--	Peak	184.00	150	Horizontal	N/A
4**	5787.400	90.35	-2.46	--	--	AV	184.00	150	Horizontal	N/A
5	11753.813	49.82	1.02	74.0	-24.18	Peak	74.00	150	Horizontal	Pass
5**	11753.813	40.09	1.02	54.0	-13.91	AV	74.00	150	Horizontal	Pass
6	15805.237	53.34	2.27	74.0	-20.66	Peak	152.00	150	Horizontal	Pass
6**	15805.237	45.30	2.27	54.0	-8.70	AV	152.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.900	38.76	-17.55	74.0	-35.24	Peak	5.00	150	Vertical	Pass
1**	1479.900	32.78	-17.55	54.0	-21.22	AV	5.00	150	Vertical	Pass
2	2798.500	42.83	-10.58	74.0	-31.17	Peak	0.00	150	Vertical	Pass
2**	2798.500	33.90	-10.58	54.0	-20.10	AV	0.00	150	Vertical	Pass
3	4012.000	46.36	-5.12	74.0	-27.64	Peak	188.00	150	Vertical	Pass
3**	4012.000	38.27	-5.12	54.0	-15.73	AV	188.00	150	Vertical	Pass
4	5786.200	102.78	-2.45	--	--	Peak	256.00	150	Vertical	N/A
4**	5786.200	96.41	-2.45	--	--	AV	256.00	150	Vertical	N/A
5	11994.738	50.09	1.21	74.0	-23.91	Peak	197.00	150	Vertical	Pass
5**	11994.738	41.19	1.21	54.0	-12.81	AV	197.00	150	Vertical	Pass
6	15799.725	54.08	2.33	74.0	-19.92	Peak	200.00	150	Vertical	Pass
6**	15799.725	45.33	2.33	54.0	-8.67	AV	200.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.300	36.75	-17.45	74.0	-37.25	Peak	360.00	150	Horizontal	Pass
1**	1528.300	28.02	-17.45	54.0	-25.98	AV	360.00	150	Horizontal	Pass
2	2777.600	42.39	-10.41	74.0	-31.61	Peak	209.00	150	Horizontal	Pass
2**	2777.600	33.72	-10.41	54.0	-20.28	AV	209.00	150	Horizontal	Pass
3	4058.600	46.75	-4.89	74.0	-27.25	Peak	0.00	150	Horizontal	Pass
3**	4058.600	37.51	-4.89	54.0	-16.49	AV	0.00	150	Horizontal	Pass
4	5824.000	98.69	-2.40	--	--	Peak	191.00	150	Horizontal	N/A
4**	5824.000	92.24	-2.40	--	--	AV	191.00	150	Horizontal	N/A
5	12221.287	50.76	1.25	74.0	-23.24	Peak	294.00	150	Horizontal	Pass
5**	12221.287	40.80	1.25	54.0	-13.20	AV	294.00	150	Horizontal	Pass
6	15812.588	53.44	2.11	74.0	-20.56	Peak	360.00	150	Horizontal	Pass
6**	15812.588	45.59	2.11	54.0	-8.41	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.900	39.34	-17.55	74.0	-34.66	Peak	-3.00	150	Vertical	Pass
1**	1479.900	33.70	-17.55	54.0	-20.30	AV	-3.00	150	Vertical	Pass
2	2795.100	42.74	-10.56	74.0	-31.26	Peak	167.00	150	Vertical	Pass
2**	2795.100	34.95	-10.56	54.0	-19.05	AV	167.00	150	Vertical	Pass
3	4049.400	47.14	-4.72	74.0	-26.86	Peak	360.00	150	Vertical	Pass
3**	4049.400	37.59	-4.72	54.0	-16.41	AV	360.00	150	Vertical	Pass
4	5826.600	103.03	-2.35	--	--	Peak	251.00	150	Vertical	N/A
4**	5826.600	96.18	-2.35	--	--	AV	251.00	150	Vertical	N/A
5	12064.026	50.04	0.89	74.0	-23.96	Peak	-3.00	150	Vertical	Pass
5**	12064.026	40.52	0.89	54.0	-13.48	AV	-3.00	150	Vertical	Pass
6	15788.174	53.33	1.93	74.0	-20.67	Peak	267.00	150	Vertical	Pass
6**	15788.174	44.23	1.93	54.0	-9.77	AV	267.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.000	38.09	-17.51	74.0	-35.91	Peak	115.00	150	Horizontal	Pass
1**	1524.000	27.72	-17.51	54.0	-26.28	AV	115.00	150	Horizontal	Pass
2	2768.700	41.94	-10.65	74.0	-32.06	Peak	141.00	150	Horizontal	Pass
2**	2768.700	32.88	-10.65	54.0	-21.12	AV	141.00	150	Horizontal	Pass
3	4124.800	47.03	-5.49	74.0	-26.97	Peak	0.00	150	Horizontal	Pass
3**	4124.800	36.98	-5.49	54.0	-17.02	AV	0.00	150	Horizontal	Pass
4	5759.400	94.90	-1.94	--	--	Peak	188.00	150	Horizontal	N/A
4**	5759.400	87.83	-1.94	--	--	AV	188.00	150	Horizontal	N/A
5	11503.688	50.39	-0.04	74.0	-23.61	Peak	192.00	150	Horizontal	Pass
5**	11503.688	41.30	-0.04	54.0	-12.70	AV	192.00	150	Horizontal	Pass
6	15659.813	53.22	1.27	74.0	-20.78	Peak	47.00	150	Horizontal	Pass
6**	15659.813	43.82	1.27	54.0	-10.18	AV	47.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	39.44	-17.55	74.0	-34.56	Peak	-3.00	150	Vertical	Pass
1**	1479.800	33.37	-17.55	54.0	-20.63	AV	-3.00	150	Vertical	Pass
2	2815.300	42.44	-10.11	74.0	-31.56	Peak	50.00	150	Vertical	Pass
2**	2815.300	33.58	-10.11	54.0	-20.42	AV	50.00	150	Vertical	Pass
3	4059.000	46.40	-4.89	74.0	-27.60	Peak	0.00	150	Vertical	Pass
3**	4059.000	38.17	-4.89	54.0	-15.83	AV	0.00	150	Vertical	Pass
4	5753.600	100.46	-2.12	--	--	Peak	273.00	150	Vertical	N/A
4**	5753.600	94.10	-2.12	--	--	AV	273.00	150	Vertical	N/A
5	12322.201	50.55	1.42	74.0	-23.45	Peak	160.00	150	Vertical	Pass
5**	12322.201	40.47	1.42	54.0	-13.53	AV	160.00	150	Vertical	Pass
6	15814.425	54.14	2.07	74.0	-19.86	Peak	360.00	150	Vertical	Pass
6**	15814.425	45.52	2.07	54.0	-8.48	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.800	37.19	-17.51	74.0	-36.81	Peak	210.00	150	Horizontal	Pass
1**	1545.800	28.99	-17.51	54.0	-25.01	AV	210.00	150	Horizontal	Pass
2	2774.500	42.23	-10.48	74.0	-31.77	Peak	360.00	150	Horizontal	Pass
2**	2774.500	33.77	-10.48	54.0	-20.23	AV	360.00	150	Horizontal	Pass
3	3920.400	46.78	-5.36	74.0	-27.22	Peak	0.00	150	Horizontal	Pass
3**	3920.400	36.66	-5.36	54.0	-17.34	AV	0.00	150	Horizontal	Pass
4	5792.800	95.55	-2.55	--	--	Peak	183.00	150	Horizontal	N/A
4**	5792.800	88.89	-2.55	--	--	AV	183.00	150	Horizontal	N/A
5	11369.425	50.24	-0.26	74.0	-23.76	Peak	121.00	150	Horizontal	Pass
5**	11369.425	40.14	-0.26	54.0	-13.86	AV	121.00	150	Horizontal	Pass
6	15798.674	54.35	2.29	74.0	-19.65	Peak	20.00	150	Horizontal	Pass
6**	15798.674	45.96	2.29	54.0	-8.04	AV	20.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.300	39.32	-17.57	74.0	-34.68	Peak	360.00	150	Vertical	Pass
1**	1480.300	33.05	-17.57	54.0	-20.95	AV	360.00	150	Vertical	Pass
2	2777.300	42.58	-10.42	74.0	-31.42	Peak	156.00	150	Vertical	Pass
2**	2777.300	34.47	-10.42	54.0	-19.53	AV	156.00	150	Vertical	Pass
3	4094.000	46.88	-5.71	74.0	-27.12	Peak	340.00	150	Vertical	Pass
3**	4094.000	37.80	-5.71	54.0	-16.20	AV	340.00	150	Vertical	Pass
4	5797.200	100.17	-2.71	--	--	Peak	243.00	150	Vertical	N/A
4**	5797.200	93.14	-2.71	--	--	AV	243.00	150	Vertical	N/A
5	12003.075	50.09	1.29	74.0	-23.91	Peak	360.00	150	Vertical	Pass
5**	12003.075	41.07	1.29	54.0	-12.93	AV	360.00	150	Vertical	Pass
6	15855.638	54.41	1.16	74.0	-19.59	Peak	349.00	150	Vertical	Pass
6**	15855.638	44.75	1.16	54.0	-9.25	AV	349.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.000	37.00	-17.52	74.0	-37.00	Peak	-3.00	150	Horizontal	Pass
1**	1469.000	27.62	-17.52	54.0	-26.38	AV	-3.00	150	Horizontal	Pass
2	2814.700	42.85	-10.07	74.0	-31.15	Peak	139.00	150	Horizontal	Pass
2**	2814.700	34.74	-10.07	54.0	-19.26	AV	139.00	150	Horizontal	Pass
3	4056.000	47.08	-4.88	74.0	-26.92	Peak	138.00	150	Horizontal	Pass
3**	4056.000	37.49	-4.88	54.0	-16.51	AV	138.00	150	Horizontal	Pass
4	5762.600	92.71	-1.85	--	--	Peak	195.00	150	Horizontal	N/A
4**	5762.600	85.16	-1.85	--	--	AV	195.00	150	Horizontal	N/A
5	11945.287	50.43	1.53	74.0	-23.57	Peak	159.00	150	Horizontal	Pass
5**	11945.287	41.57	1.53	54.0	-12.43	AV	159.00	150	Horizontal	Pass
6	15604.425	53.54	1.09	74.0	-20.46	Peak	48.00	150	Horizontal	Pass
6**	15604.425	43.94	1.09	54.0	-10.06	AV	48.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.100	39.54	-17.56	74.0	-34.46	Peak	345.00	150	Vertical	Pass
1**	1480.100	34.17	-17.56	54.0	-19.83	AV	345.00	150	Vertical	Pass
2	2812.600	42.75	-10.09	74.0	-31.25	Peak	160.00	150	Vertical	Pass
2**	2812.600	33.12	-10.09	54.0	-20.88	AV	160.00	150	Vertical	Pass
3	3951.600	46.57	-4.71	74.0	-27.43	Peak	360.00	150	Vertical	Pass
3**	3951.600	37.74	-4.71	54.0	-16.26	AV	360.00	150	Vertical	Pass
4	5769.200	97.75	-1.85	--	--	Peak	247.00	150	Vertical	N/A
4**	5769.200	92.10	-1.85	--	--	AV	247.00	150	Vertical	N/A
5	11664.400	49.48	0.17	74.0	-24.52	Peak	18.00	150	Vertical	Pass
5**	11664.400	40.37	0.17	54.0	-13.63	AV	18.00	150	Vertical	Pass
6	15806.550	53.59	2.24	74.0	-20.41	Peak	360.00	150	Vertical	Pass
6**	15806.550	44.74	2.24	54.0	-9.26	AV	360.00	150	Vertical	Pass

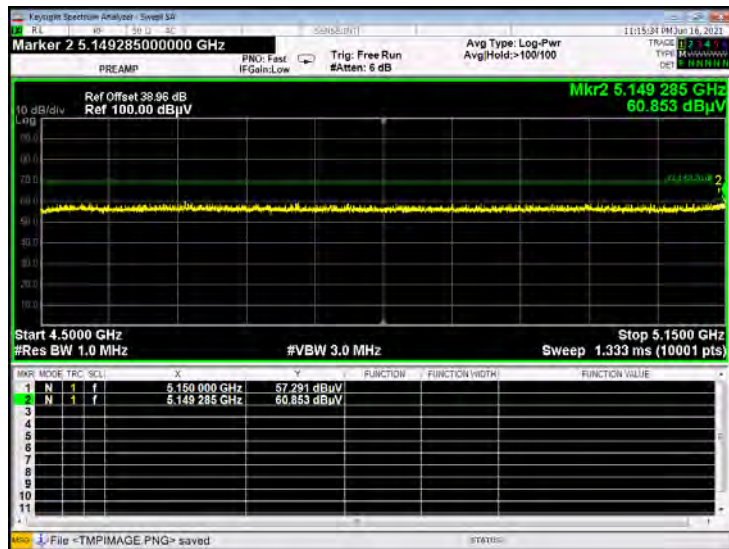
A.6.2 Band Edge (Restricted-band)

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
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

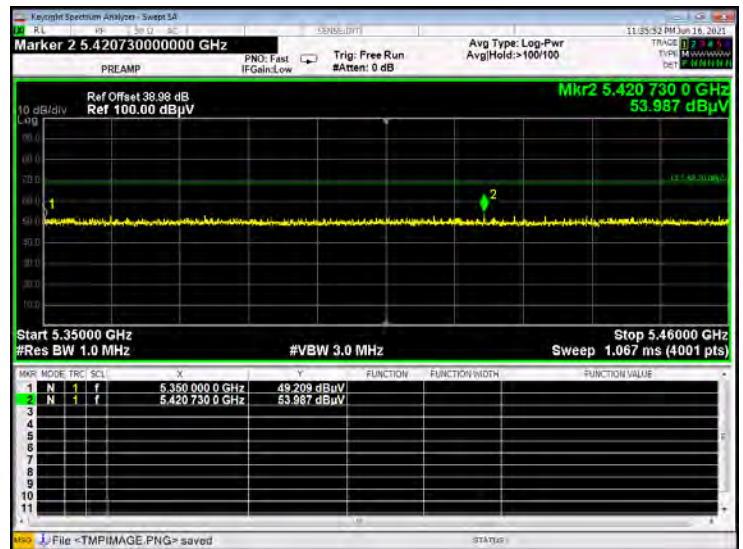
Test Plots

Main Antenna

U-NII-1 11a CH36 Peak



U-NII-1 11a CH48 Peak



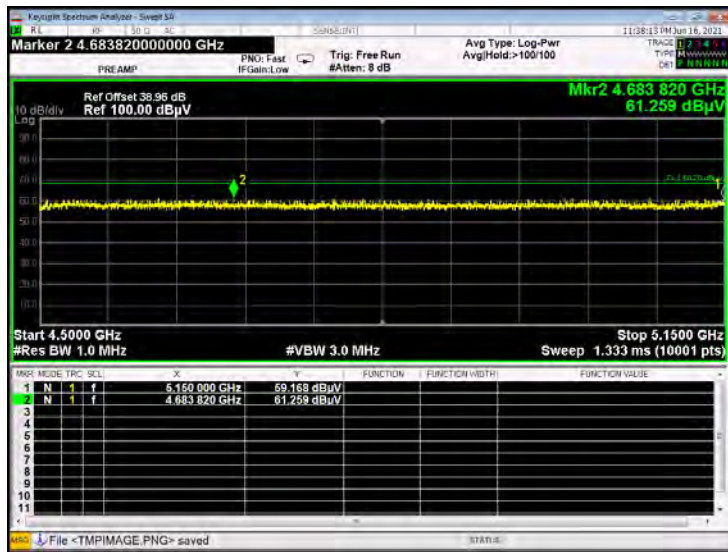
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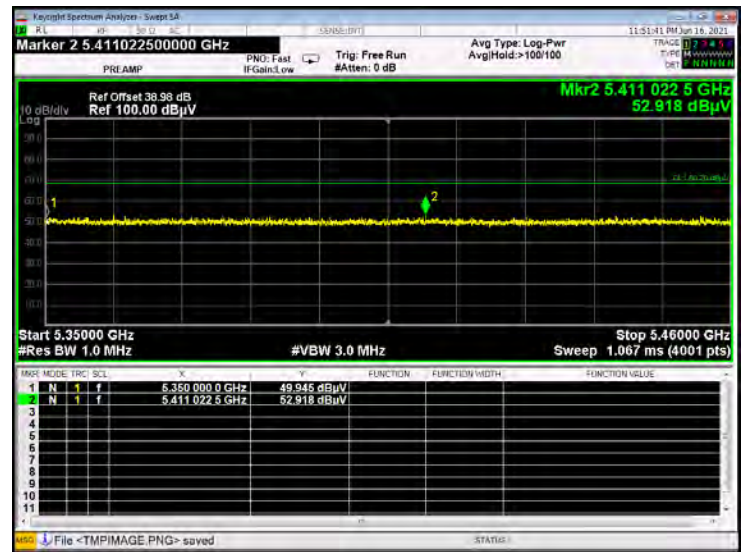
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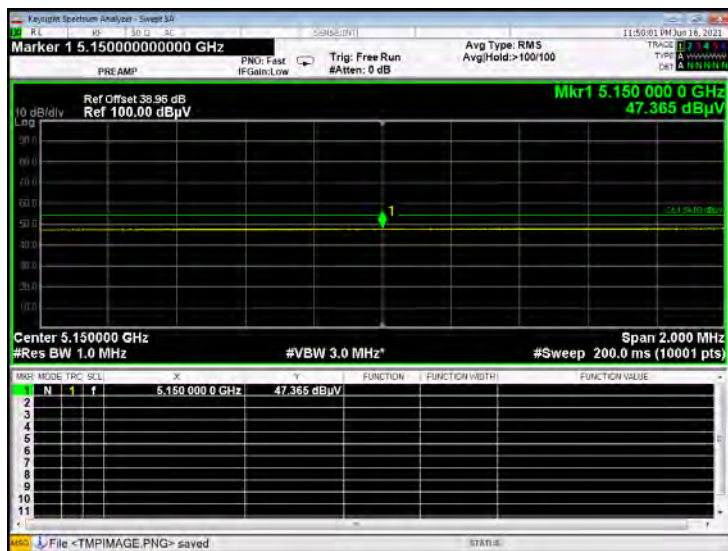
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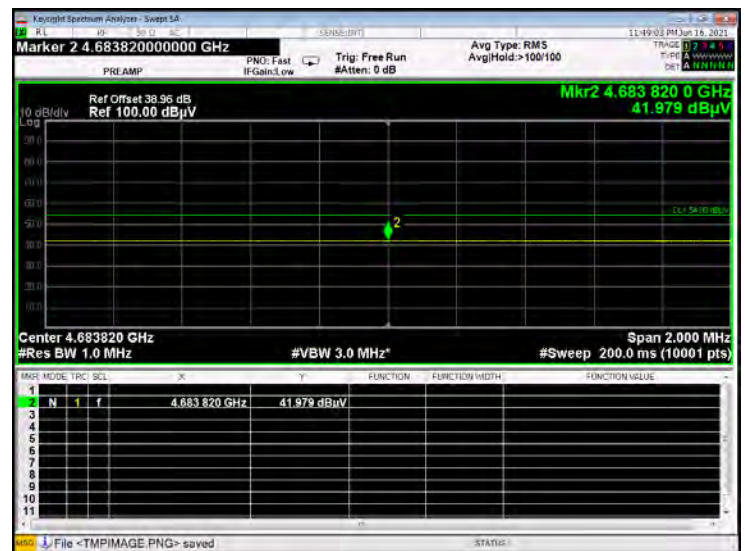
U-NII-1 11n20 CH48 Peak



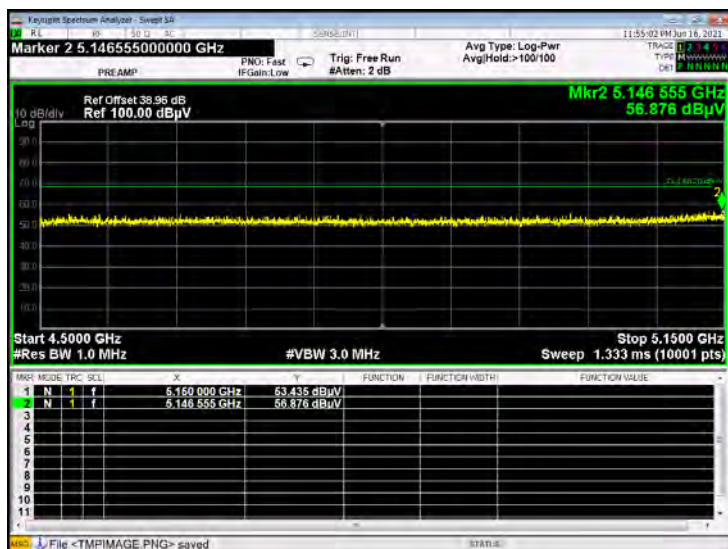
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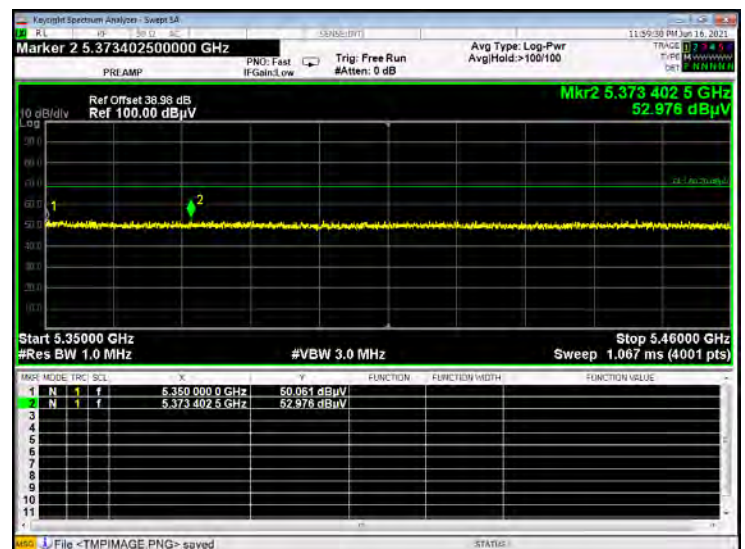
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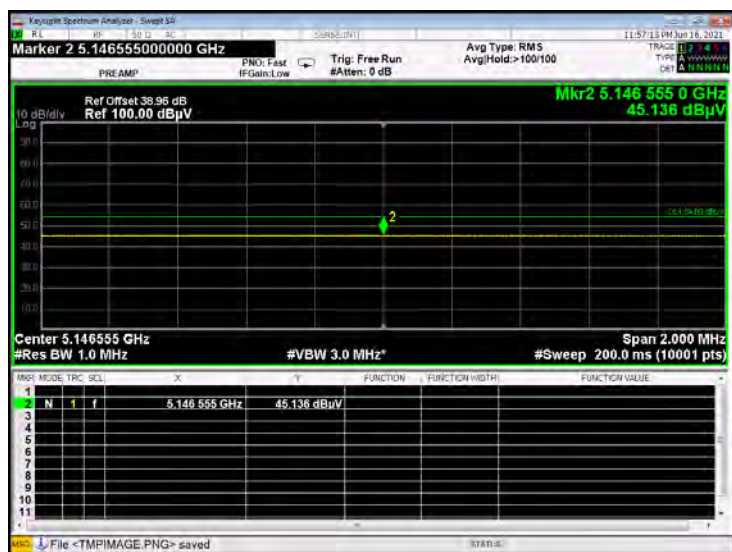
U-NII-1 11n40 CH38 Peak



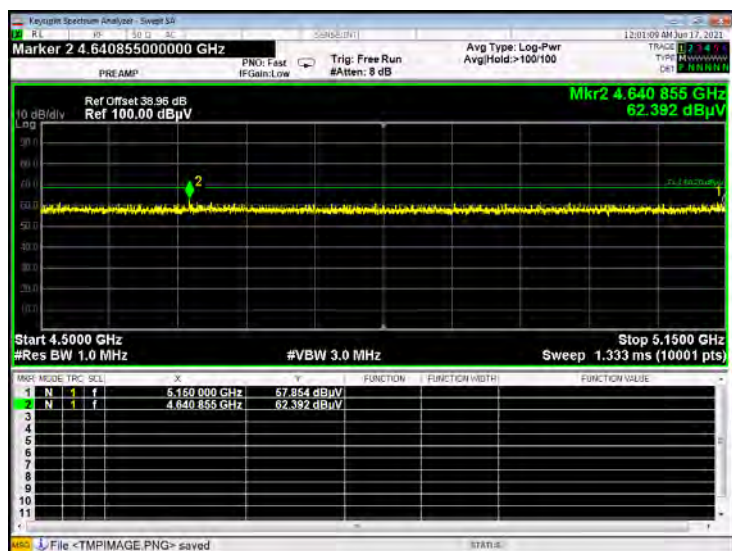
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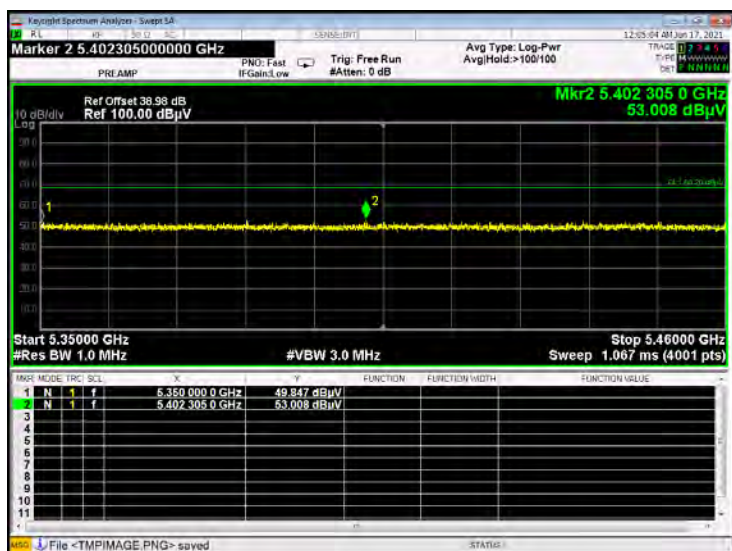
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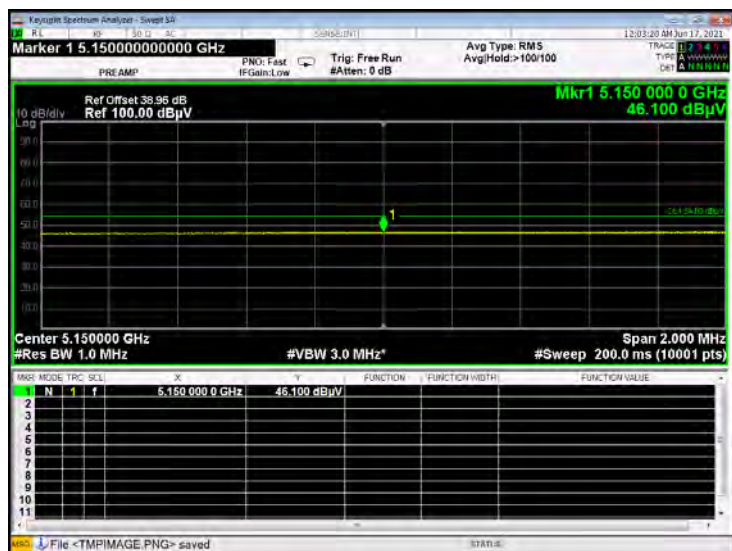
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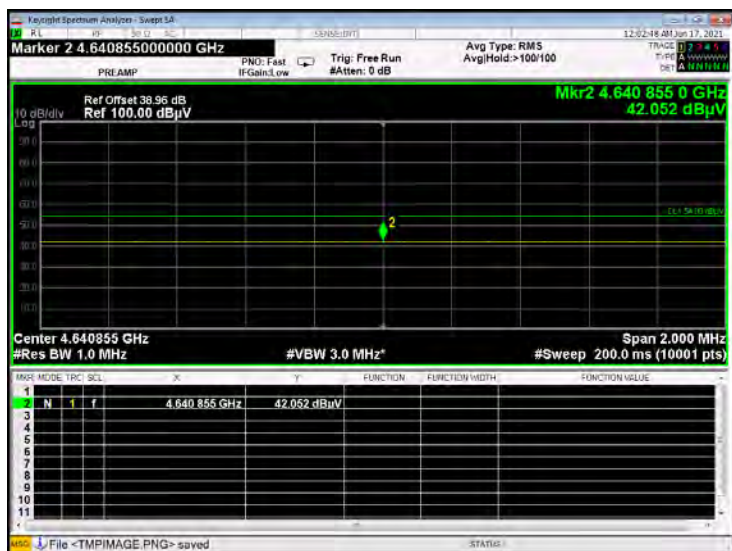
U-NII-1 11ac20 CH48 Peak



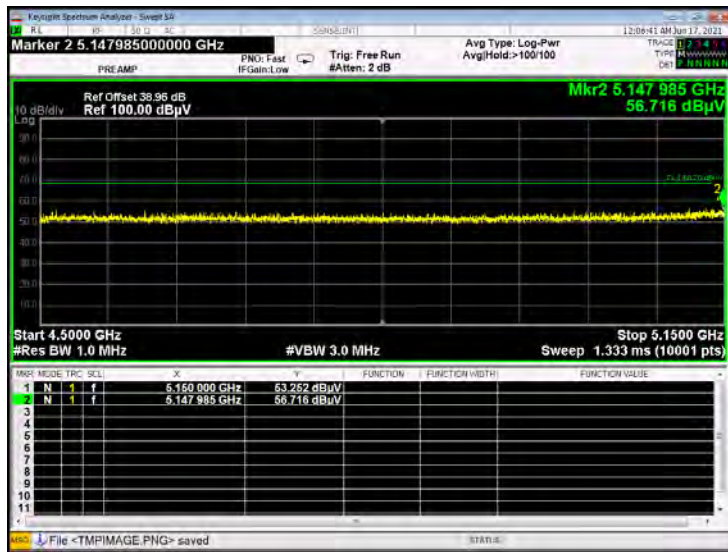
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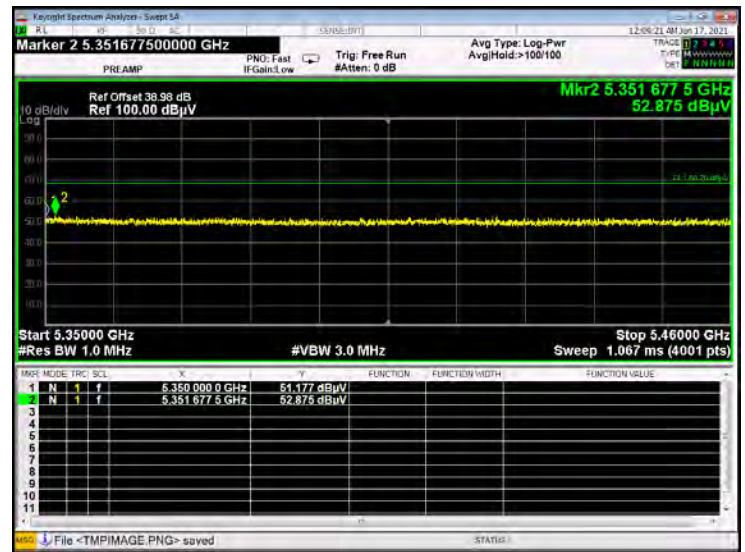
U-NII-1 11ac20 CH36 AV



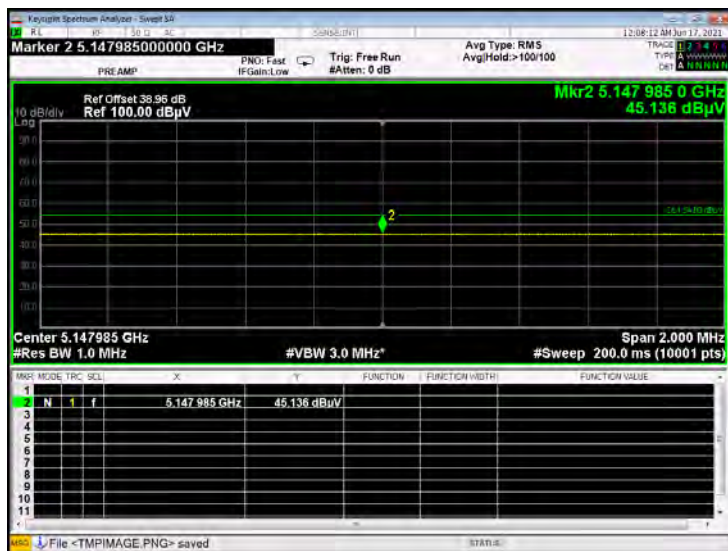
U-NII-1 11ac40 CH38 Peak



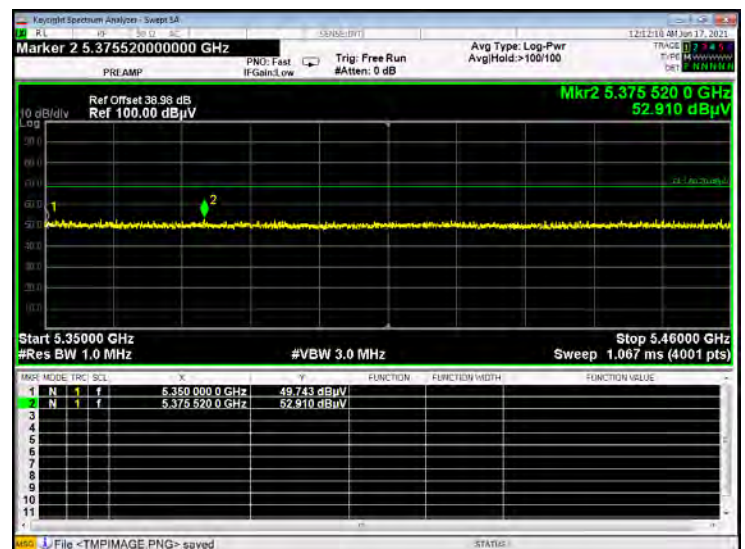
U-NII-1 11ac40 CH46 Peak



U-NII-1 11ac40 CH38 AV



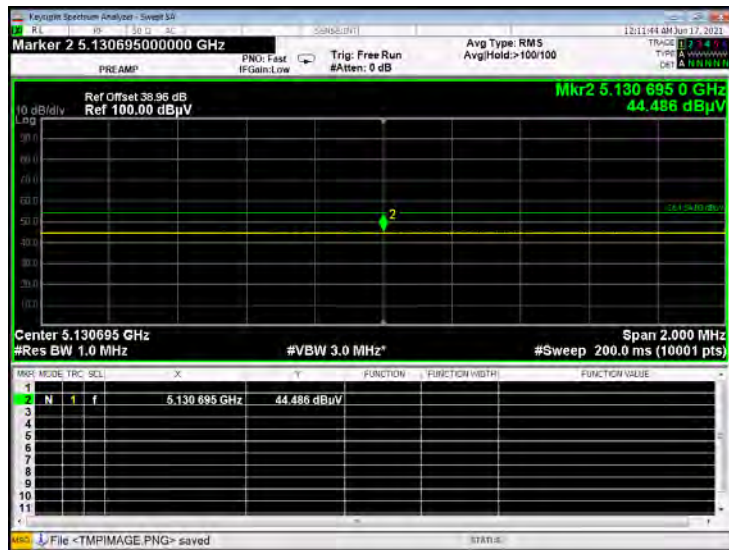
U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 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



U-NII-3 11n40 CH159 Peak



U-NII-3 11ac20 CH149 Peak



U-NII-3 11ac20 CH165 Peak



U-NII-3 11ac40 CH151 Peak



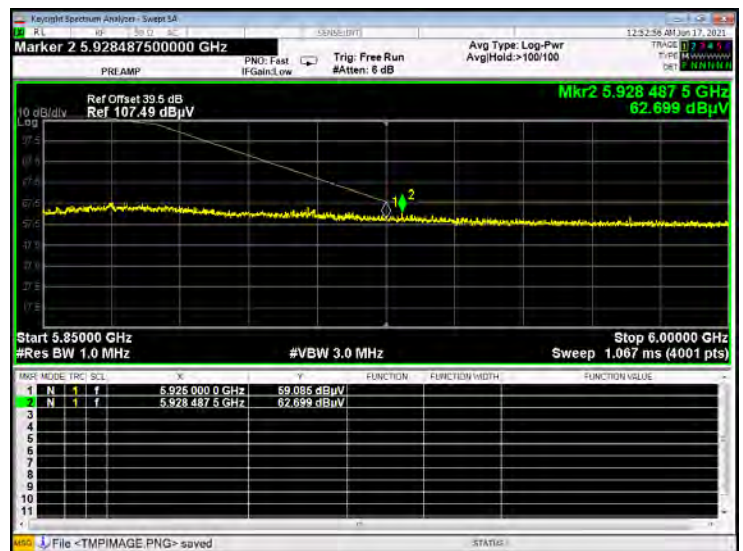
U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH155 Peak

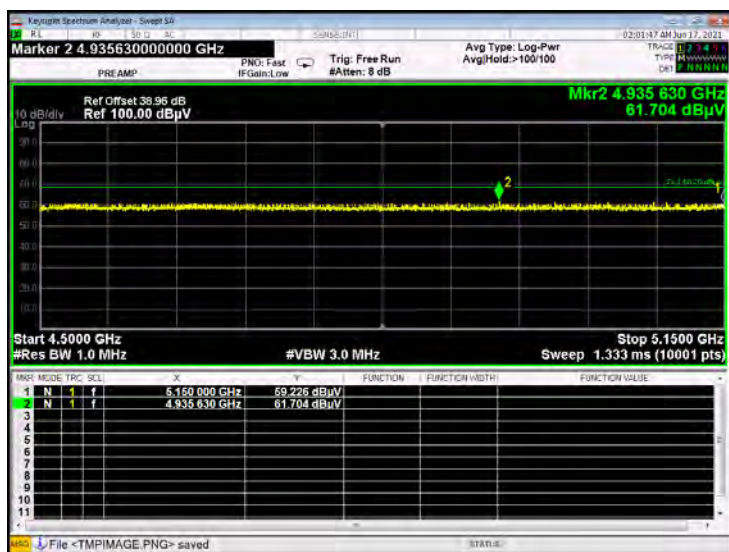


U-NII-3 11ac80 CH155 Peak

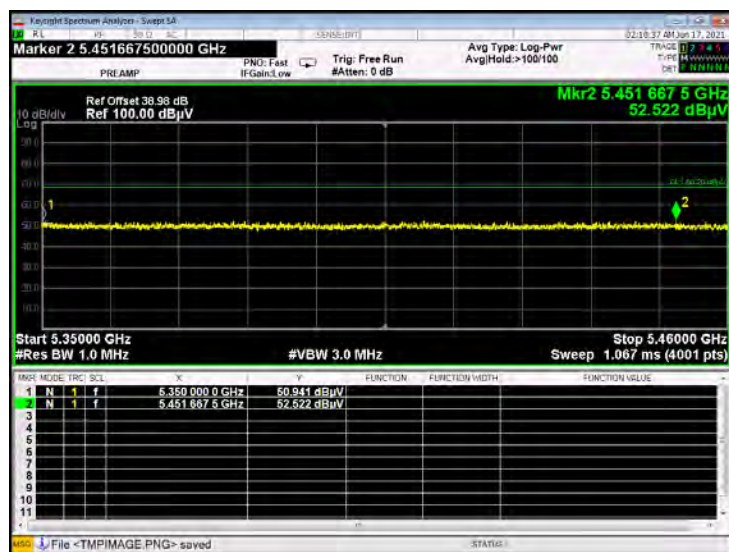


Aux. Antenna

U-NII-1 11a CH36 Peak



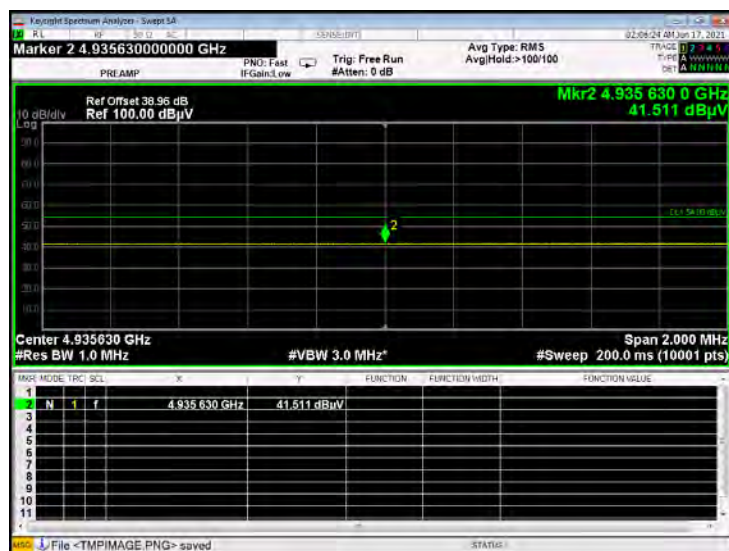
U-NII-1 11a CH48 Peak



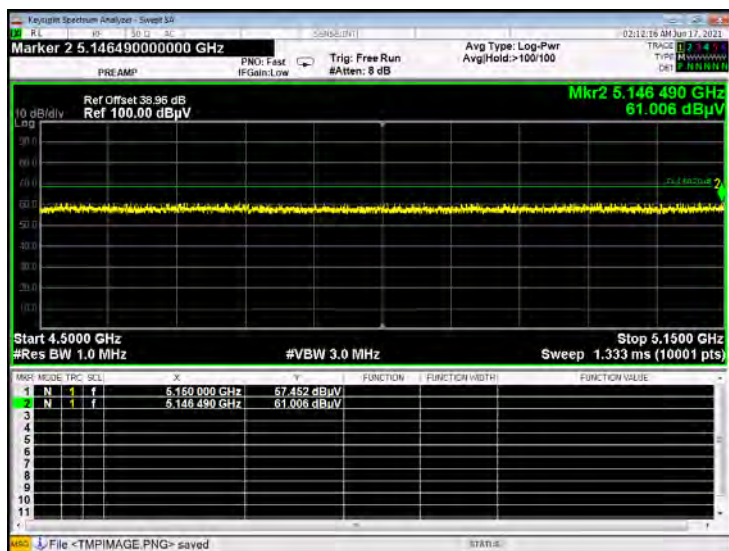
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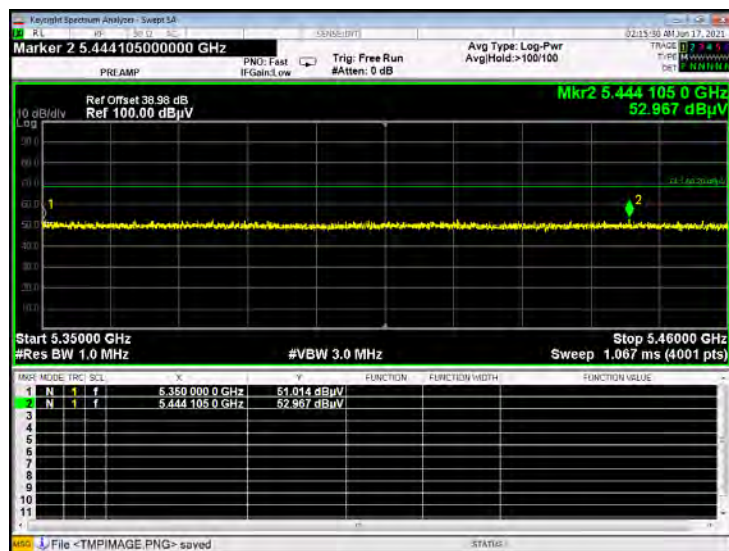
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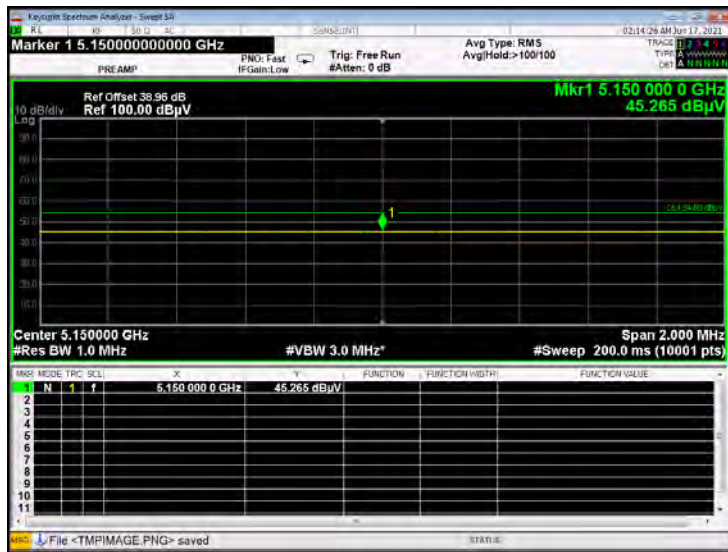
U-NII-1 11n20 CH36 Peak



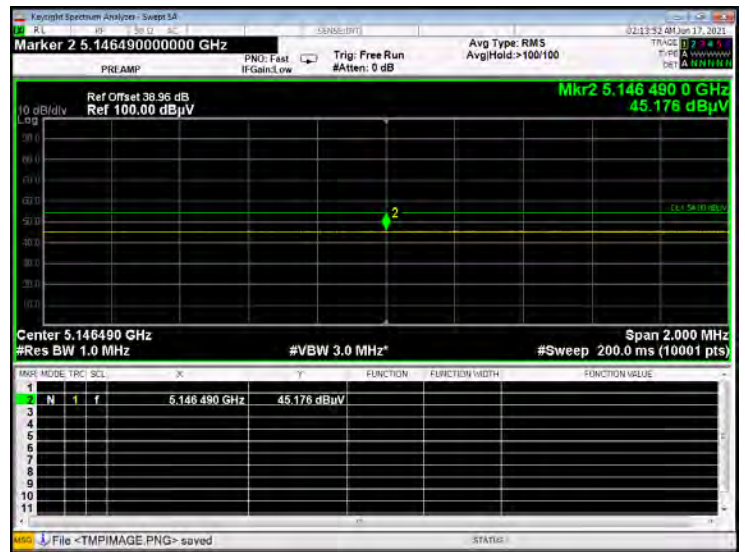
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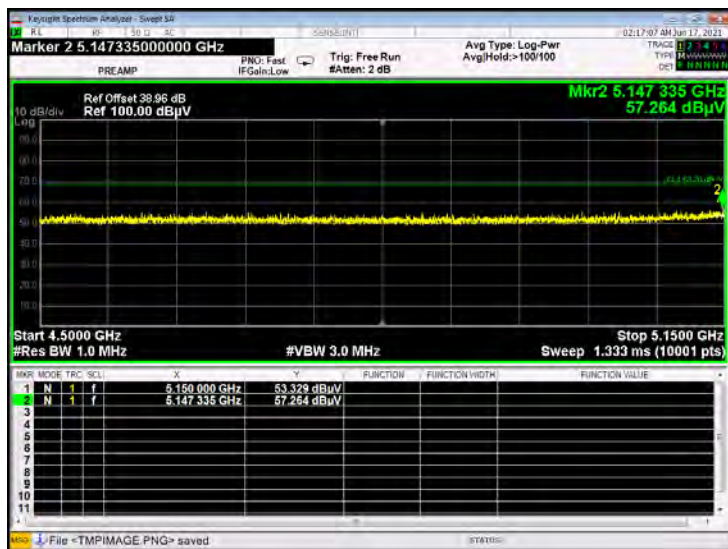
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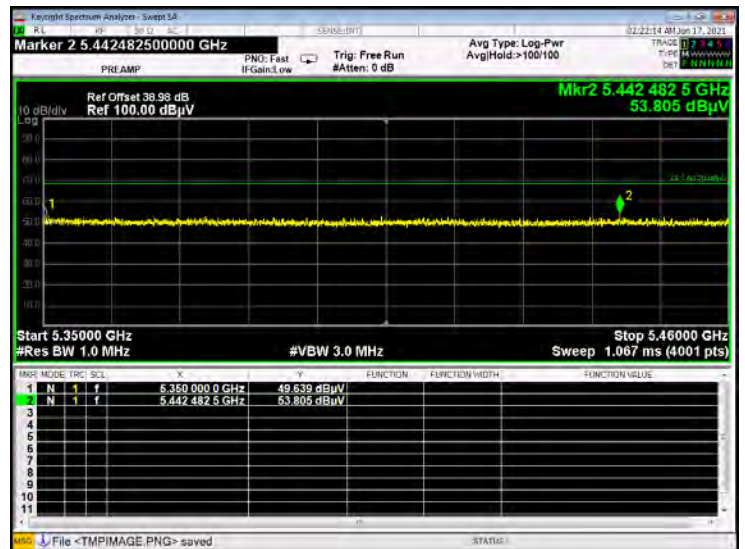
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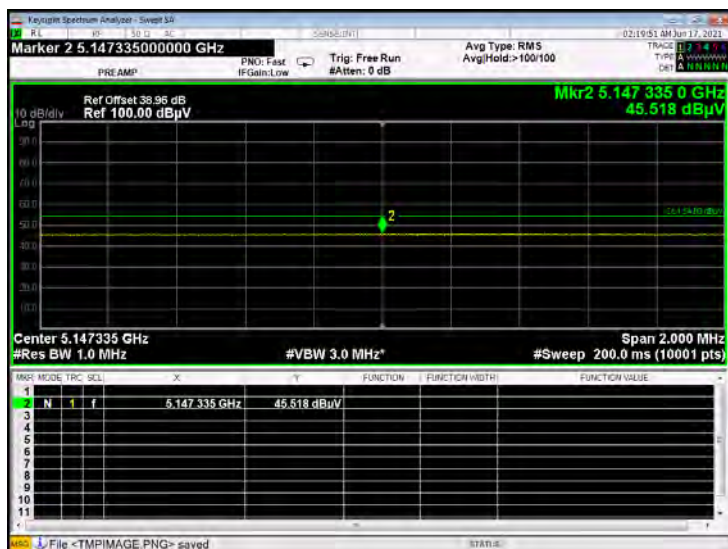
U-NII-1 11n40 CH38 Peak



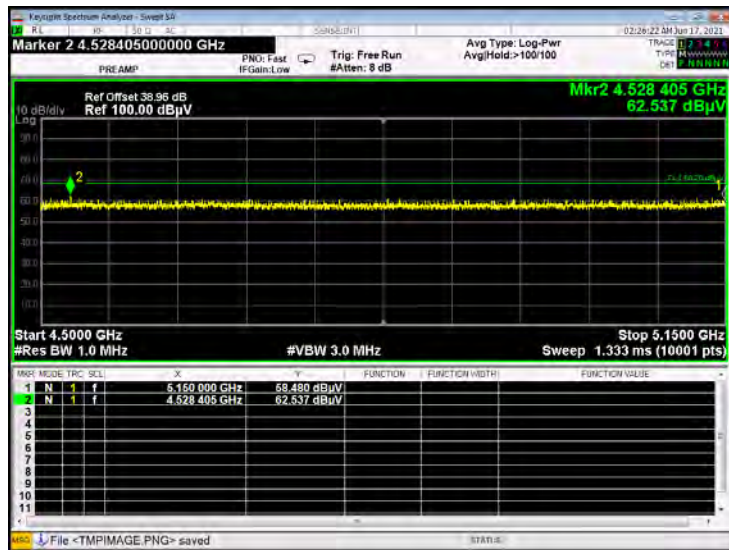
U-NII-1 11n40 CH46 Peak



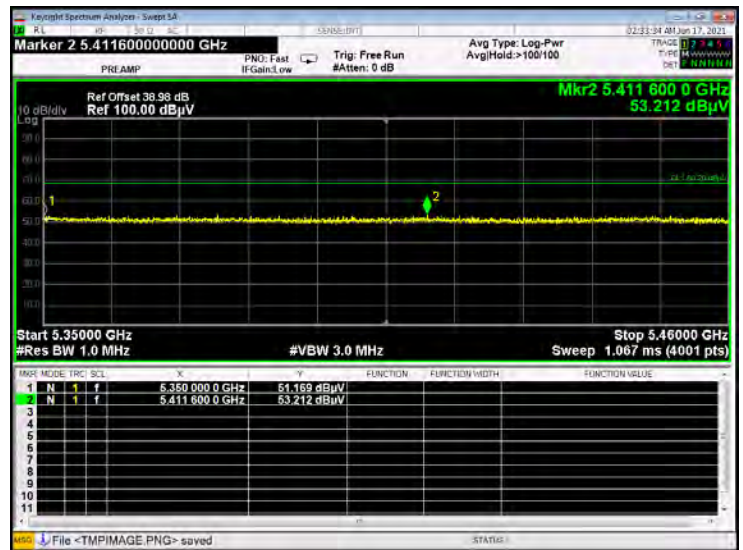
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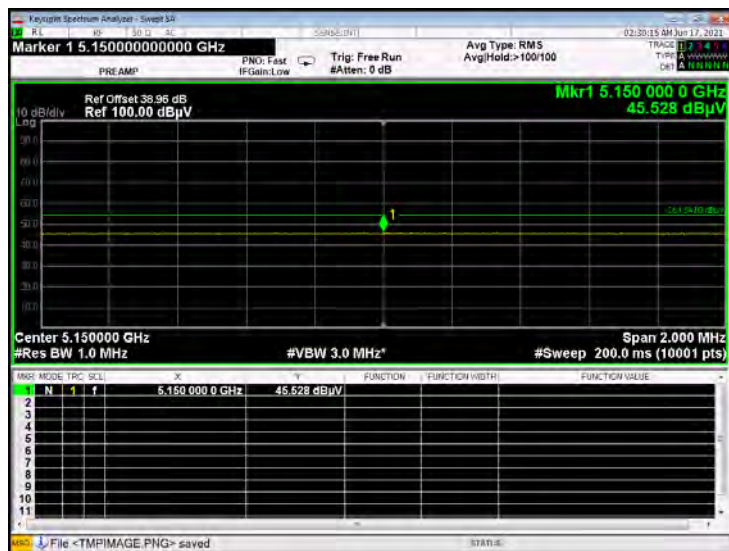
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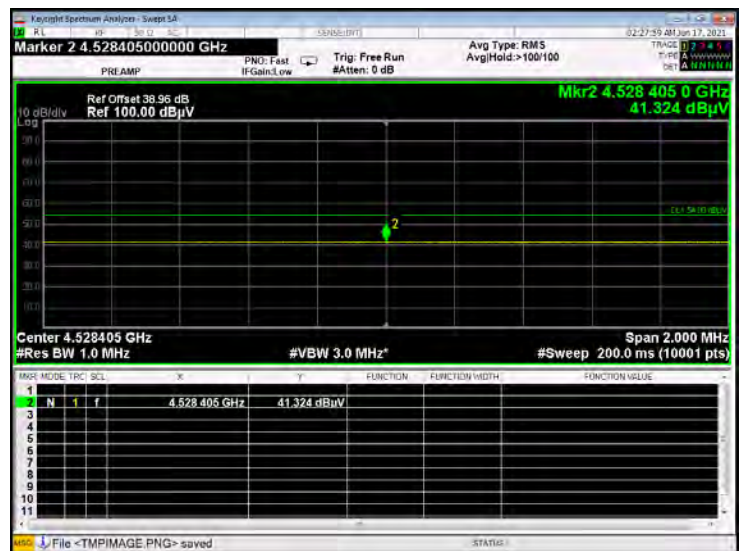
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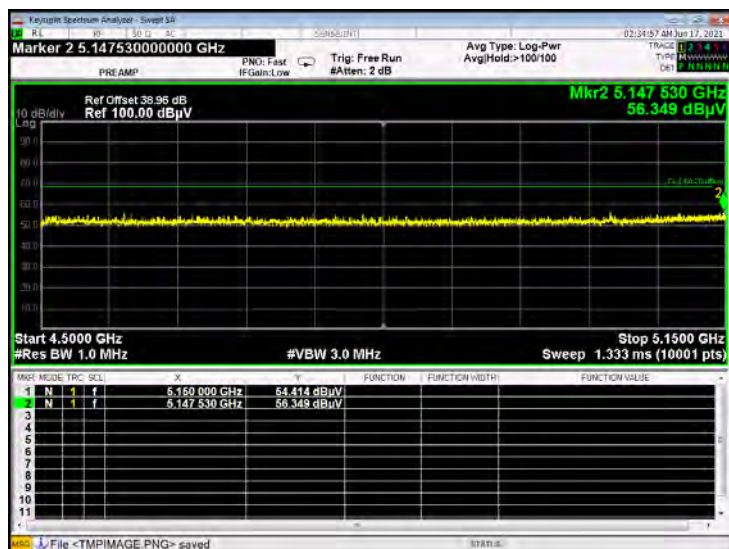
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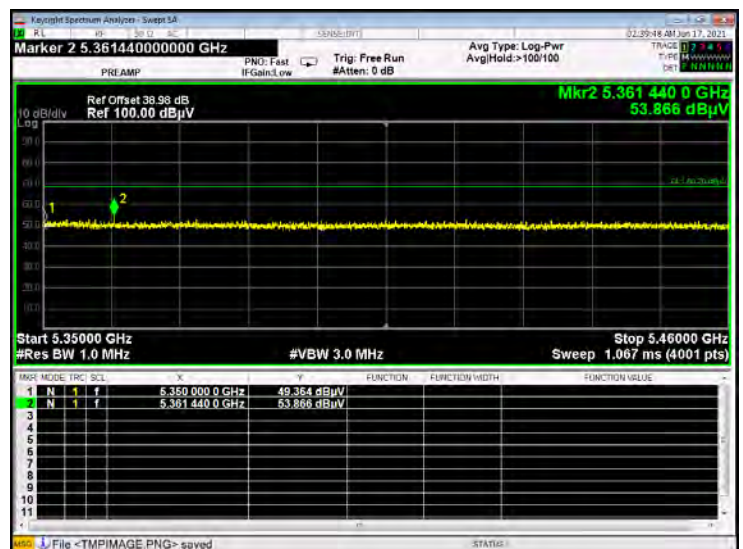
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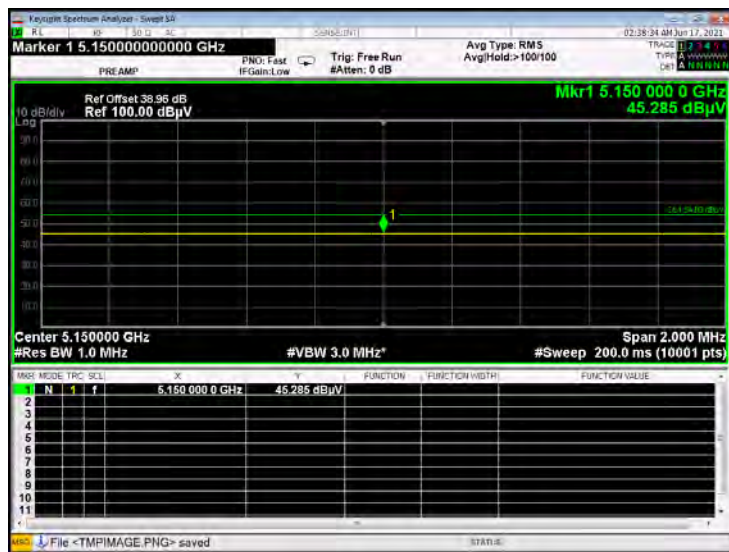
U-NII-1 11ac40 CH38 Peak



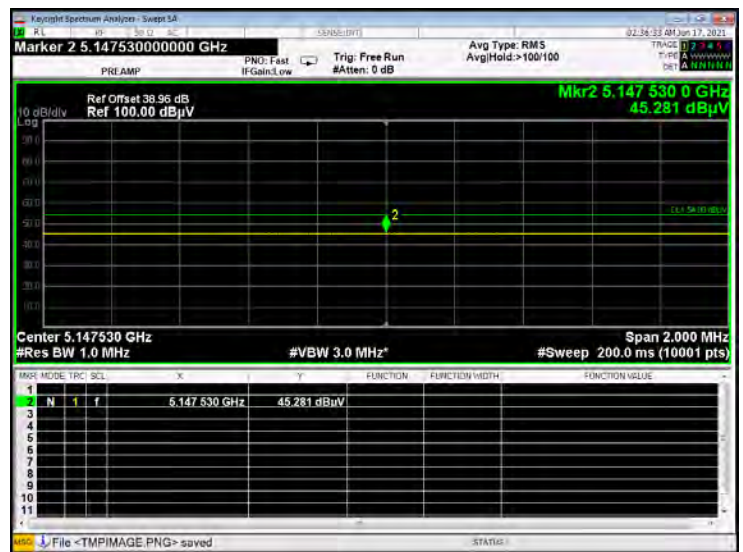
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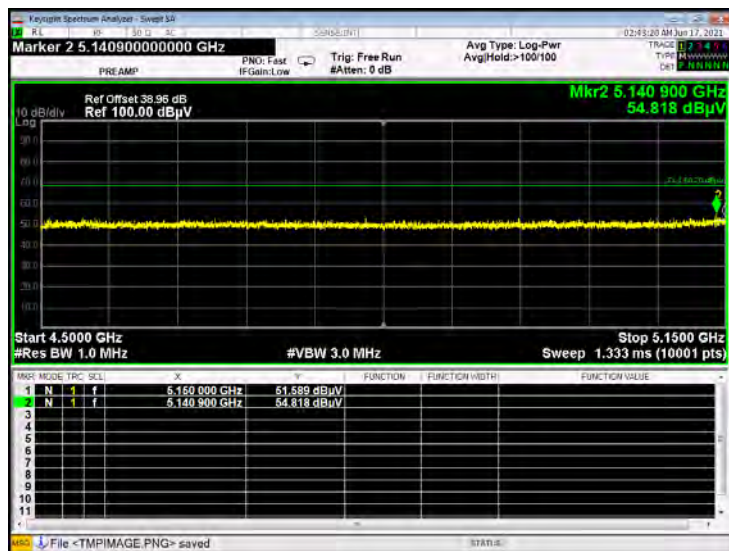
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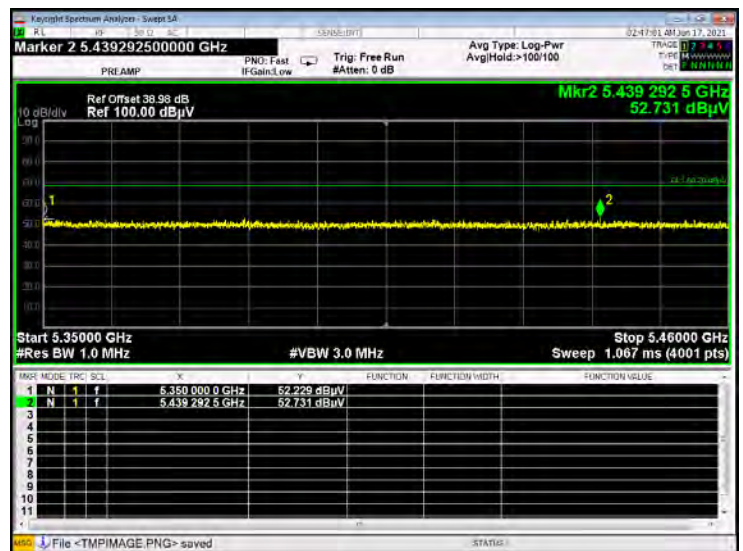
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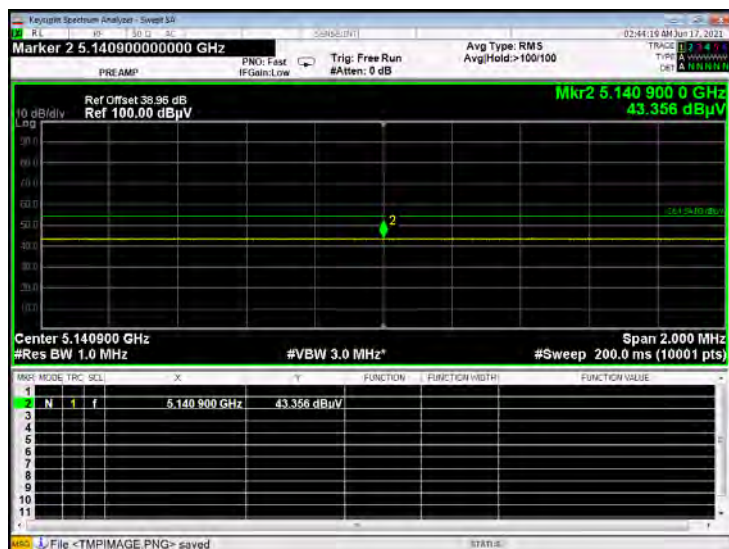
U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 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



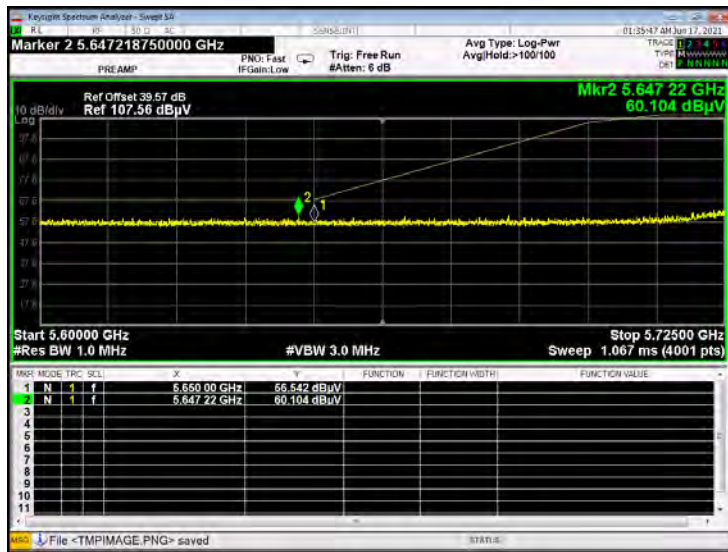
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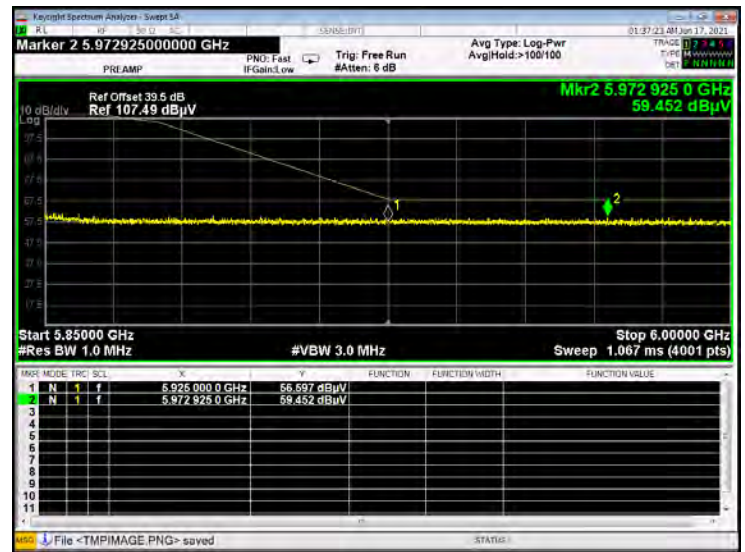
U-NII-3 11n40 CH159 Peak



U-NII-3 11ac20 CH149 Peak



U-NII-3 11ac20 CH165 Peak



U-NII-3 11ac40 CH151 Peak



U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH155 Peak



U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2140379-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2140379-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2140379-AI.PDF".

--END OF REPORT--