RF TEST REPORT

Report No.:	SET2021-09573
Product Name:	Wi-Fi 6 Router
FCC ID:	2AG32ER2820
IC:	20982-ER2820
Model No. :	ER2820
Applicant:	Baicells Technologies Co., Ltd.
Address:	9-10F,1stBldg.,No.81BeiqingRoad,Haidian District, Beijing,China
Dates of Testing:	07/10/2021 —07/29/2021
Issued by:	CCIC Southern Testing Co., Ltd.
Lab Location:	Electronic Testing Building, No. 43 Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China.
	Tel: 86 755 26627338 **Fax:** 86 755 26627238

Test Report

Product Name ..... :	Wi-Fi 6 Router
Brand Name ..... :	Baicells
Trade Name ..... :	Baicells
Applicant ..... :	Baicells Technologies Co., Ltd.
Applicant Address ..... :	9-10F,1stBldg.,No.81BeiqingRoad,Haidian District, Beijing,China
Manufacturer..... :	Baicells Technologies Co., Ltd.
Manufacturer Address ..... :	9-10F,1stBldg.,No.81BeiqingRoad,Haidian District, Beijing,China
Test Standards ..... :	47 CFR Part 15 Subpart E 15.407 IC RSS-Gen(Issue 5,April 2018) IC RSS-247(Issue 2, Feb. 2017)
Test Result ..... :	PASS

Tested by ..... : Vincent 2021.07.29

Vincent, Test Engineer

Reviewed by..... : Chris You 2021.07.29

Chris You, Senior Engineer

Approved by ..... : Shuangwen Zhang 2021.07.29

Shuangwen Zhang, Manager

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Change History		
Issue	Date	Reason for change
1.0	2021.07.29	First edition

1. General Information

1.1. EUT Description

EUT Type	Wi-Fi 6 Router
EUT supports Radios application	WLAN 5.0GHz 802.11a/n/ac/ax
Product Type	Indoor
Hardware Version	BaiCE_ER2820_1.0.0
Software Version	ER2820 V1.00
Modulation Type	OFDM，OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300.4 Mbps(2x2MIMO) 802.11ac: up to 866.6Mbps(2x2MIMO) 802.11ax:up to 1201 Mbps(2x2MIMO)
Frequency Range	Band UNII-1: 5150 ~ 5250MHz Band UNII-3: 5725 ~ 5850MHz
Channel Bandwidth	802.11a: 20MHz, 802.11n: 20MHz/40MHz 802.11ac/ax: 20MHz/40MHz/80MHz
Channel Number	5150 MHz ~ 5250MHz/5725 MHz ~ 5850MHz:4/5 for 802.11a, 802.11n (HT20), 802.11ac/ax(VHT20/HE20), 2 for 802.11n (HT40), 802.11ac/ax (VHT40/HE80), 1 for 802.11 ac/ax(VHT80/HE80)
Antenna Type	Internal
Antenna Gain	Antenna 1/2: 5dBi
Output Power (Max.)	Band UNII-1: 22.61dBm(EIRP) Band UNII-3: 23.96dBm(EIRP)

Note: The antenna gain and RF adapter/cable insert loss provided by manufacture.

Transmitter Information:

Frequency	Modulation Mode	TX / RX Function
5.0GHz Band UNII-1/3	802.11a	1TX / 1RX
	802.11n (HT20)	1TX / 1RX or 2TX / 2RX
	802.11n (HT40)	1TX / 1RX or 2TX / 2RX
	802.11ac (VHT20)	1TX / 1RX or 2TX / 2RX
	802.11ac (VHT40)	1TX / 1RX or 2TX / 2RX
	802.11ac (VHT80)	1TX / 1RX or 2TX / 2RX
	802.11ax (HE20)	1TX / 1RX or 2TX / 2RX
	802.11ax (HE40)	1TX / 1RX or 2TX / 2RX
	802.11ax (HE80)	1TX / 1RX or 2TX / 2RX

1.2. Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart E for the EUT FCC Certification:

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E § 15.407	Radio Frequency Devices
2	KDB Publication 789033D02v01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
4	IC RSS-Gen (Issue 5, March. 2019)	General Requirements for Compliance of Radio Apparatus
5	IC RSS-247 (Issue 2, Feb. 2017)	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
6	KDB Publication 662911 D01 v02r01	Emission Testing of Transmitters with Multiple Outputs in the same Band(e.g., MIMO, Smart Antenna, etc)

Test detailed items/section required by FCC rules, and results are as below:

No.	FCC Rule	IC Rule	Description	Result
1	15.203	-	Antenna Requirement	PASS
2	15.407(a)	RSS-247, 6.2	Maximum Conducted Output Power	PASS
3	15.407(a)	-	Emission Bandwidth(26 dB Bandwidth)	PASS
	15.407(e)	RSS-247, 6.2	Emission Bandwidth(6 dB Bandwidth)	PASS
	-	RSS GEN (6.7)	Emission Bandwidth(99%)	PASS
4	15.407(a)	RSS-247, 6.2	Power spectral density (PSD)	PASS
5	15.207	RSS-Gen, 8.8	AC Power Line Conducted Emission	PASS
6	15.209 15.407(b)	RSS-247, 6.2	Radiated Band Edges and Spurious Emission	PASS
7	15.407(g)	-	Frequency Stability	PASS

1.3. Channel List

Operated band in 5150 MHz ~ 5250MHz

4 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20, and 802.11ax-HE20

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n-HT40, 802.11ac-VHT40, and 802.11ax-HE40

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel are provided for 802.11ac-VHT80 and 802.11ax-HE80

Channel	Frequency	Channel	Frequency
42	5210 MHz	/	/

Operated band in 5725 MHz ~ 5850MHz

4 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20, and 802.11ax-HE20

Channel	Frequency	Channel	Frequency
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz	/	/

2 channels are provided for 802.11n-HT40, 802.11ac-VHT40, and 802.11ax-HE40

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel are provided for 802.11ac-VHT80 and 802.11ax-HE80

Channel	Frequency	Channel	Frequency
155	5775 MHz	/	/

1.4. Test environment and mode

Operating Environment	
Temperature	24℃
Humidity	57 % RH
Atmospheric Pressure	1010 mbar
Test mode：	
Continuously transmitting mode	Keeps the EUT in 100% duty cycle transmitting with modulation in SISO and MIMO, duty cycle factor is not required.

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

For Frequency band 5150 ~ 5250 MHz			
Mode	Modulation scheme / bandwidth		
	5180 MHz	5220 MHz	5240 MHz
802.11a	6 Mbps	6 Mbps	6 Mbps
802.11n/ac/ax – HT20/HE20	MCS 0	MCS 0	MCS 0
Frequency	5190 MHz		5230 MHz
802.11n/ac/ax – HT40/HE40	MCS 0		MCS 0
Frequency	5210 MHz		
802.11ac/ax – VHT80/HE80	MCS 0		

For Frequency band 5725 ~ 5850 MHz			
Mode	Modulation scheme / bandwidth		
	5745 MHz	5785 MHz	5825 MHz
802.11a	6 Mbps	6 Mbps	6 Mbps
802.11n/ac/ax – HT20/HE20	MCS 0	MCS 0	MCS 0
Frequency	5755 MHz		5795 MHz
802.11n/ac/ax – HT40/HE40	MCS 0		MCS 0
Frequency	5775 MHz		
802.11ac/ax – VHT80/HE80	MCS 0		

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation modes or test configuration modes mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH44, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH44, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH44, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX AX20 Mode / CH36, CH44, CH48 (UNII-1)
Mode 8	TX AX40 Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX80 Mode / CH42 (UNII-1)
Mode 10	TX A Mode / CH149, CH157, CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149, CH157, CH165 (UNII-3)
Mode 12	TX N40 Mode / CH151, CH159 (UNII-3)
Mode 13	TX AC20 Mode / CH149, CH157, CH165 (UNII-3)
Mode 14	TX AC40 Mode / CH151, CH159 (UNII-3)
Mode 15	TX AC80 Mode / CH155 (UNII-3)
Mode 16	TX AX20 Mode / CH149, CH157, CH165 (UNII-3)
Mode 17	TX AX40 Mode / CH151, CH159 (UNII-3)
Mode 18	TX AX80 Mode / CH155 (UNII-3)
Mode 19	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 19	TX Mode

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH44, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH44, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH44, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX AX20 Mode / CH36, CH44, CH48 (UNII-1)
Mode 8	TX AX40 Mode / CH38, CH46 (UNII-1)
Mode 9	TX AX80 Mode / CH42 (UNII-1)
Mode 10	TX A Mode / CH149, CH157, CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149, CH157, CH165 (UNII-3)
Mode 12	TX N40 Mode / CH151, CH159 (UNII-3)

Mode 13	TX AC20 Mode / CH149, CH157, CH165 (UNII-3)
Mode 14	TX AC40 Mode / CH151, CH159 (UNII-3)
Mode 15	TX AC80 Mode / CH155 (UNII-3)
Mode 16	TX AX20 Mode / CH149, CH157, CH165 (UNII-3)
Mode 17	TX AX40 Mode / CH151, CH159 (UNII-3)
Mode 18	TX AX80 Mode / CH155 (UNII-3)
Mode 19	TX Mode

1.5. EUT Operation Test Setup

For RF test items, an engineering test program was provided and enable to make EUT transmitting.

1.6. Power level setup in software

Power level setup in software for 5G wifi			
UNII-1（Antenna 0）			
Frequency（MHz）	5180	5220	5240
A mode	64	64	64
Frequency（MHz）	5180	5220	5240
N20 mode	56	56	56
Frequency（MHz）	5190	5230	\
N40 mode	56	56	\
Frequency（MHz）	5180	5220	5240
AC20 mode	56	56	
Frequency（MHz）	5190	5230	\
AC40 mode	56	56	\
Frequency（MHz）	5210	\	\
AC80 mode	56	\	\
Frequency（MHz）	5180	5220	5240
AX20 mode	56	56	56
Frequency（MHz）	5190	5230	\
AX40 mode	56	56	\
Frequency（MHz）	5210	\	\
AX80 mode	56	\	\

Power level setup in software for 5G wifi			
UNII-1（Antenna 1）			
Frequency（MHz）	5180	5220	5240
A mode	60	60	60
Frequency（MHz）	5180	5220	5240
N20 mode	56	56	56
Frequency（MHz）	5190	5230	\
N40 mode	56	56	\
Frequency（MHz）	5180	5220	5240
AC20 mode	56	56	
Frequency（MHz）	5190	5230	\
AC40 mode	56	56	\
Frequency（MHz）	5210	\	\
AC80 mode	56	\	\
Frequency（MHz）	5180	5220	5240
AX20 mode	56	56	56
Frequency（MHz）	5190	5230	\
AX40 mode	56	56	\
Frequency（MHz）	5210	\	\
AX80 mode	56	\	\

Power level setup in software for 5G wifi			
UNII-3（Antenna 0）			
Frequency（MHz）	5745	5785	5825
A mode	68	68	68
Frequency（MHz）	5745	5785	5825
N20 mode	64	64	64
Frequency（MHz）	5755	5795	\
N40 mode	64	64	\
Frequency（MHz）	5745	5785	5825
AC20 mode	64	64	64
Frequency（MHz）	5755	5795	\
AC40 mode	64	64	\
Frequency（MHz）	5775	\	\
AC80 mode	64	\	\
Frequency（MHz）	5745	5785	5825
AX20 mode	64	64	64
Frequency（MHz）	5190	5230	\
AX40 mode	64	64	\
Frequency（MHz）	5210	\	\
AX80 mode	64	\	\

Power level setup in software for 5G wifi			
UNII-3（Antenna 1）			
Frequency（MHz）	5745	5785	5825
A mode	68	68	68
Frequency（MHz）	5745	5785	5825
N20 mode	64	64	64
Frequency（MHz）	5755	5795	\
N40 mode	64	64	\
Frequency（MHz）	5745	5785	5825
AC20 mode	64	64	64
Frequency（MHz）	5755	5795	\
AC40 mode	64	64	\
Frequency（MHz）	5775	\	\
AC80 mode	64	\	\
Frequency（MHz）	5745	5785	5825
AX20 mode	64	64	64
Frequency（MHz）	5190	5230	\
AX40 mode	64	64	\
Frequency（MHz）	5210	\	\
AX80 mode	64	\	\

1.7. Laboratory Facilities

FCC-Registration No.: CN1283

CCIC Southern Testing Co., Ltd EMC Laboratory has been registered and fully described in a re port filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Designation Number: CN1283, valid time is until April 19th,2023

ISED Registration: 11185A-1

CAB identifier: CN0064

CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engi neering Bureau of Industry Canada for the performance of radiated measurements with Registrati on No. 11185A-1 on Aug. 04, 2016, valid time is until April 19th,2023

A2LA Code: 5721.01

CCIC-SET is a third party testing organization accredited by A2LA according to ISO/IEC 17025. The accreditation certificate number is 5721.01.

2. 47 CFR Part 15E Requirements

2.1. Antenna requirement

2.1.1. Applicable Standard

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

And according to FCC 47 CFR Section 15.407(E), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

According to RSSGEN 6.8, The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

2.1.2. Antenna Gain

Antenna	Gain(dBi)
0	5
1	5
0+1	8

Note: 1. for 802.11n/ac mode, antenna 0, 1 can transmit/receive simultaneously (MIMO mode), for 802.11a, both antennas 0, 1 can transmit/receive at single mode (SISO mode)

2. If all transmit signals are completely correlated with each other, Directional gain = GANT + 10 $\log(N_{ANT})$ dBi

2.1.3. Result: comply

The EUT has a permanently and irreplaceable attached antenna. Please refer to the EUT internal photos.

2.2. Output Power

2.2.1. Limit of Output Power

FCC 15.407(a)

The maximum conducted output power should not exceed:

Band	EUT Category	Limit
U-NII-1	☐Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≤ 125mW(21dBm) at any elevation angle above 30 degrees as measured from the horizon)
	☐Fixed point-to-point Access device	1 Watt (30 dBm)
	☒Indoor Access Point	1 Watt (30 dBm)
	☐Mobile and portable client device	250mW (24 dBm)
U-NII-2A	☐	250mW (24 dBm) or 11dBm+10logB* Whichever is less.
U-NII-2C	☐	250mW (24 dBm) or 11dBm+10logB* Whichever is less.
U-NII-3	☒	1 Watt (30 dBm)
Note: B* is the 26 dB emission bandwidth in MHz.		

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Band	EUT Category	Limit
U-NII-1	☒ Indoor Access Point	N.A
U-NII-2A	☐	250mW (24 dBm) or 11dBm+10logB* Whichever is less.
U-NII-2C	☐	250mW (24 dBm) or 11dBm+10logB* Whichever is less.
U-NII-3	☒	1 Watt (30 dBm)
Note: B* is the 99% emission bandwidth in MHz.		

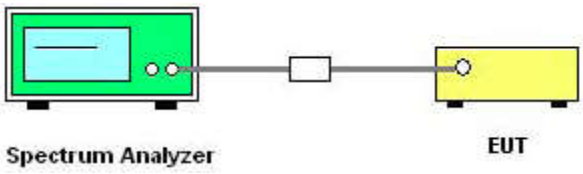
The maximum e.i.r.p. shall not exceed:

Band	EUT Category	Limit
U-NII-1	☒	200mW(23dBm) or 10dBm+10log B* Whichever is less.
U-NII-2A	☐	1W (30 dBm) or 17dBm+10logB* Whichever is less.
U-NII-2C	☐	1W (30 dBm) or 17dBm+10logB* Whichever is less.
U-NII-3	☒	N/A
Note: B* is the 99% emission bandwidth in MHz.		

2.2.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.2.3. Test Setup



2.2.4. Test Procedures

1. The testing follows the Measurement Procedure of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02 Method SA-1

2. The RF output of EUT was connected to spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

3. Set to the maximum power setting and enable the EUT transmit continuously.

4. Set RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector=average (RMS), Compute power by integrating the spectrum across the 99%OBW.

5. Measure the conducted output power and record the results in the test report.

2.2.5. Test Result

Please refer to APPENDIX A for detail

2.3. Emission Bandwidth

2.3.1. Limit of Bandwidth

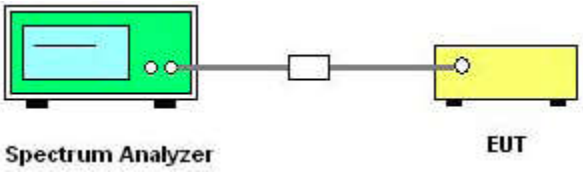
There is no limit bandwidth for bandU-NII-1, U-NII-2A and U-NII-2C.

The minimum of 6dB bandwidth measurement is 0.5 MHz for U-NII-3.

2.3.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.3.3. Test Setup



2.3.4. Test Procedures

1. The testing follows the Measurement Procedure of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02.

2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

3. Set to the maximum power setting and enable the EUT transmit continuously.

4. For 26dB bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) = approximately 1%EBW, VBW≥3RBW , Detector = Peak, Trace mode = max hold

Span ＞26 dB bandwidth and Sweep time = auto

5. Use the spectrum analyzer N dB down function to find the 26dB bandwidth.

6. For 6 Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) =100kHz VBW = 300 kHz, Detector = Peak, Trace mode = max hold

7. Use the spectrum analyzer N dB down function to find the 6dB bandwidth

8. Measure and record the worst results in the test report.

2.3.5. Test Results Bandwidth

Please refer to APPENDIX A for detail

2.4. Power spectral density (PSD)

2.4.1. Limit of Power Spectral Density

FCC 15.407(a)

The maximum power spectral density should not exceed:

Band	EUT Category	Limit
U-NII-1	☒Indoor Access Point (Master device)	17 dBm/MHz
	☐Fixed point-to-point Access device	
	☐Mobile and portable client device	11 dBm/MHz
U-NII-2A	☐	11 dBm/MHz
U-NII-2C	☐	11 dBm/MHz
U-NII-3	☒	30dBm/500kHz

RSS-247, 6.2

The maximum power spectral density should not exceed:

Band	EUT Category	Limit
U-NII-1	☒	N/A
U-NII-2A	☐	11 dBm/MHz
U-NII-2C	☐	11 dBm/MHz
U-NII-3	☒	30 dBm/500kHz

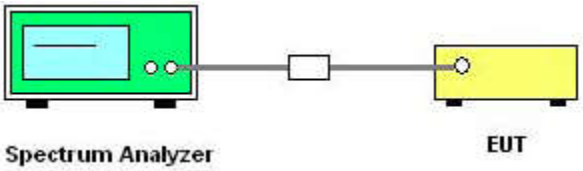
The e.i.r.p. spectral density should not exceed:

Band	EUT Category	Limit
U-NII-1	☒	10 dBm/MHz
U-NII-2A	☐	N/A
U-NII-2C	☐	N/A
U-NII-3	☒	N/A

2.4.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.4.3. Test Setup



2.4.4. Test Procedures

1. Place the EUT on the table and set it in transmitting mode.

2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02.

3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.

4. **For U-NII-1, U-NII-2A, U-NII-2C Band:**

Using method SA-1

Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto, detector = sample, traces 100 sweeps of averaging mode.

For U-NII-3 Band:

Set RBW=500 kHz, VBW≥ 3RBW, where span is enough to capture the entire bandwidth, Sweep time = Auto, detector = sample, traces 100 sweeps of averaging mode.

5.Use peak search function on the instrument to find the peak of the spectrum and record its value

6. Repeat above procedures until all default test channel (low, middle, and high) was complete.

2.4.5. Test Results of Power spectral density

Please refer to APPENDIX A for detail

2.5. Frequency Stability

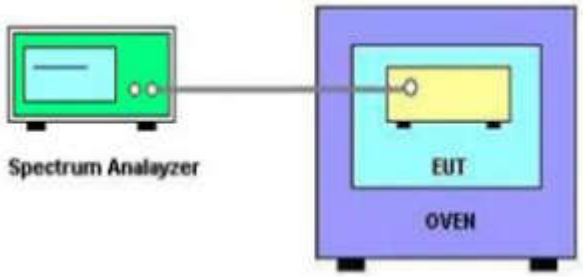
2.5.1. Limit

FCC 15.407(b) Frequency Stability	
Frequency Band(MHz)	Limit
5150~5250	Specified in the user's manual
5250~5350	
5470~5725	
5725~5850	

2.5.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.5.3. Test Setup



2.5.4. Test Procedures

1. The EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

2. Set to the maximum power setting and enable the EUT transmit continuously.

3. The EUT is installed in an environment test chamber with external power source.

4. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.

5. A sufficient stabilization period at each temperatures in used prior to each frequency measurement.

6. The test shall be performed under -10 to 55 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

7. Measure and record the worst results in the test report.

2.5.5. Test Results of Frequency Stability

Please refer to APPENDIX A for detail

2.6. Radiated Band Edge and Spurious Emission

2.6.1. Limit of Radiated Band Edges and Spurious Emission

Radiated emission which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

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

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Applicable To	Limit	
789033 D02 General UNII Test Procedures New Rules v01	Field Strength at 3m	
	PK:74(dBμV/m)	AV:54 (dBμV/m)

Frequency Band (MHz)	Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (3m) (dBμV/m)
5150 - 5250	Outside of the 5.15~5.35 GHz	-27	68.2
5250 - 5350	Outside of the 5.15~5.35 GHz		
5470 -5725	Outside of the 5.47~5.725 GHz		

FCC 15.407			
Frequency Band (MHz)	Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (3m) (dBμV/m)
5725 - 5850	＜5650	-27	68.2
	5650~5700	-27~10	68.2~105.2
	5700~5720	10~15.6	105.2~110.8
	5720~5725	15.6~27	110.8~122.2
	5850~5855	27~15.6	122.2~110.8
	5855~5875	15.6~10	110.8~105.2
	5875~5925	10~-27	105.2~68.2
	＞5925	-27	68.2

Note: 1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts).

For IC Rules:

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;

b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;

c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and

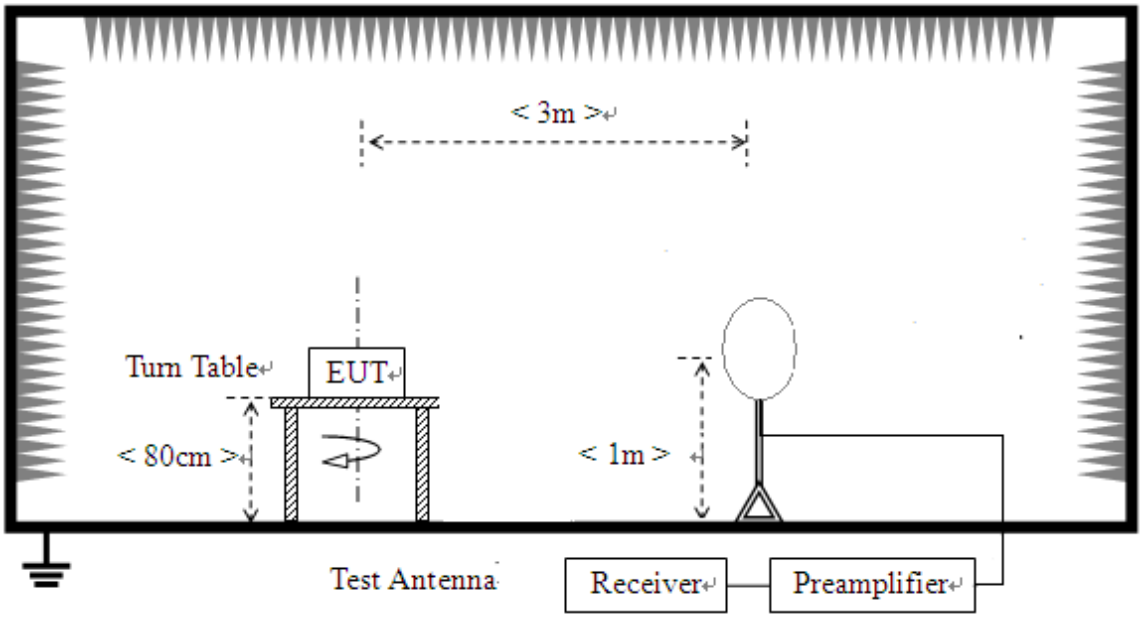
d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

2.6.2. Measuring Instruments

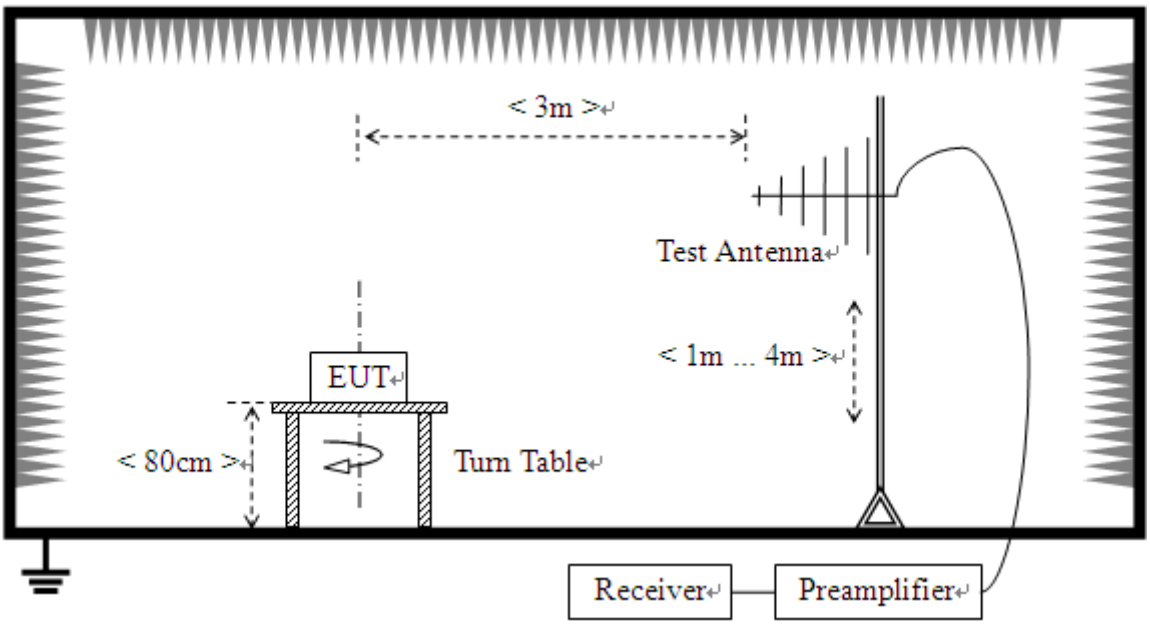
The measuring equipment is listed in the section 3 of this test report.

2.6.3. Test Setup

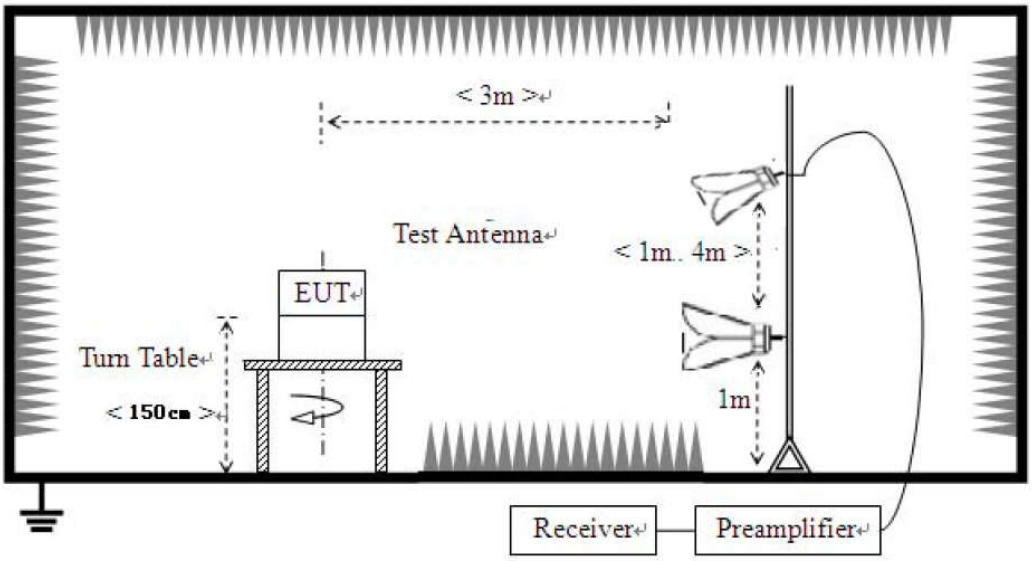
For radiated emissions from 9 KHz to 30 MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



2.6.4. Test Procedures

1. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
6. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

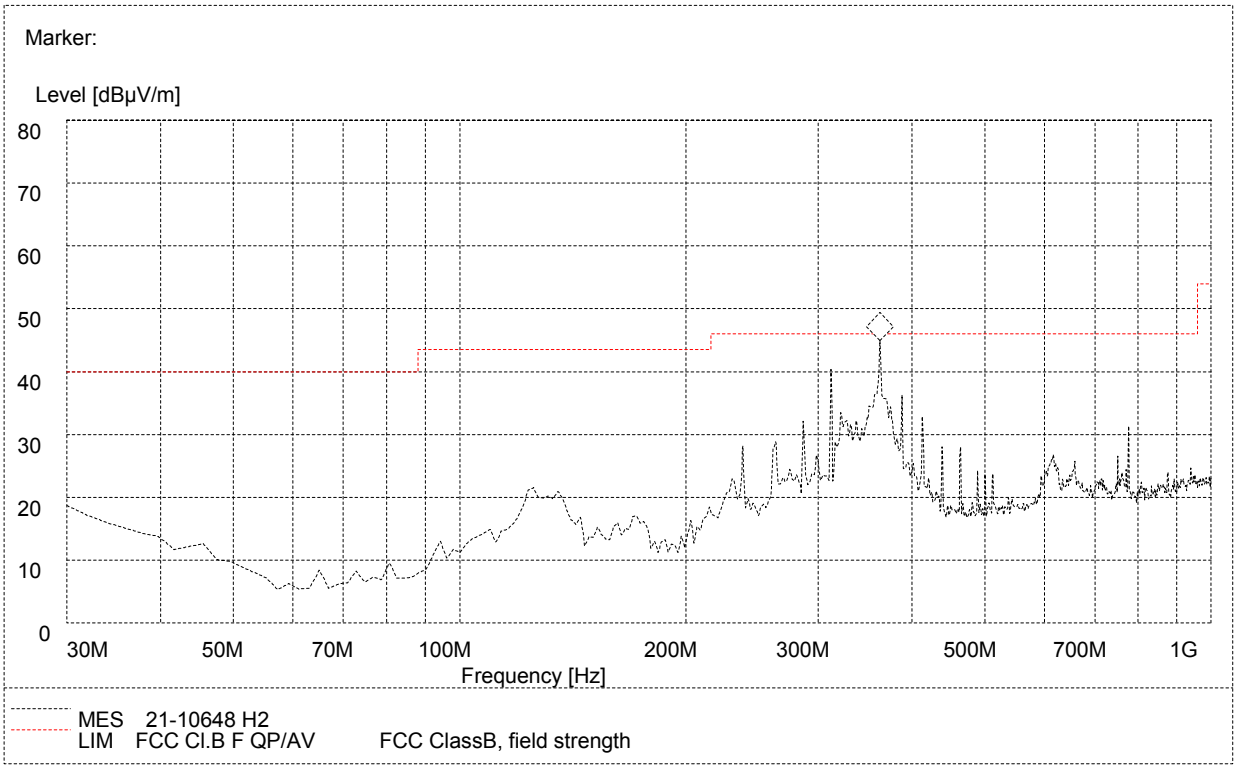
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (10 log(1/duty cycle)).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
5. Only provide worst-Case mode data provide here, ANT1 for 11a below 1GHz and above 1GHz, and MIMO mode for 11n/11n(40M), /11ac/ax(40M), /11ac/ax(80M) for above 1GHz.

2.6.5. Test Results of Radiated Band Edge and Spurious Emission

For 9 KHz to 30MHz

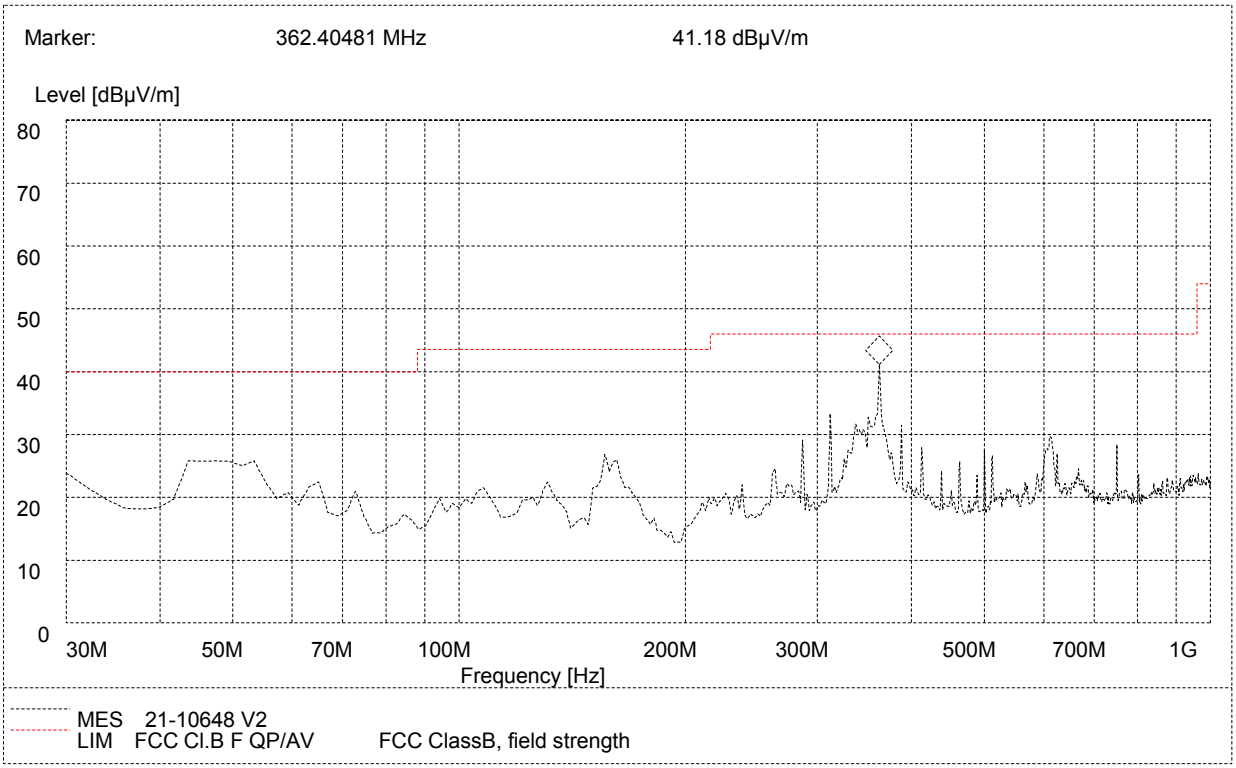
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

For 30MHz to 1000 MHz



Plot A: 30MHz to 1GHz, Antenna Horizontal

Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Corr. Factor (dB/m)	Antenna height (cm)	Limit (dBµV/m)	Margin	Antenna	Verdict
30.000000	18.36	120.000	11.2	100.0	40.0	21.64	Horizontal	Pass
45.230000	12.85	120.000	11.8	100.0	40.0	27.15	Horizontal	Pass
237.990000	26.28	120.000	11.9	100.0	46.0	19.72	Horizontal	Pass
286.590000	32.01	120.000	12.5	100.0	46.0	13.99	Horizontal	Pass
311.860000	40.34	120.000	19.3	100.0	46.0	5.66	Horizontal	Pass
362.400000	44.82	120.000	21.0	100.0	46.0	1.18	Horizontal	Pass



Plot B: 30MHz to 1GHz, Antenna Vertical

Frequency (MHz)	QuasiPeak (dB µ V/m)	Bandwidth (kHz)	Corr. Factor (dBµV/m)	Antenna height (cm)	Limit (dB µ V/m)	Margin	Antenna	Verdict
30	22.08	120.000	12.3	100.0	40.0	17.92	Vertical	Pass
42.29	24.08	120.000	12.3	100.0	40.0	15.92	Vertical	Pass
107.52	20.29	120.000	11.2	100.0	43.5	23.21	Vertical	Pass
156.35	26.81	120.000	11.2	100.0	43.5	16.69	Vertical	Pass
311.86	33.30	120.000	19.3	100.0	46.0	12.7	Vertical	Pass
362.40	41.18	120.000	21.0	100.0	46.0	4.82	Vertical	Pass

For 1GHz to 40 GHz

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11a_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	55.62	PK	68.20	-12.58	1.80	300	48.12	7.50
2	5150.00	43.13	AV	54.00	-10.87	1.80	300	35.63	7.50
3	10360.00	53.62	PK	68.20	-14.58	1.80	300	33.82	19.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11a_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	54.95	PK	68.20	-13.25	1.50	200	47.45	7.50
2	5150.00	42.82	AV	54.00	-11.18	1.50	200	35.32	7.50
3	10360.00	55.26	PK	68.20	-12.94	1.50	200	35.46	19.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11a_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	57.25	PK	68.20	-10.95	1.80	200	37.35	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11a_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	56.94	PK	68.20	-11.26	1.80	200	37.04	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11a_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	55.95	PK	68.20	-12.25	1.60	300	47.95	8.00
2	5350.00	43.73	AV	54.00	-10.27	1.60	300	35.73	8.00
3	10480.00	56.34	PK	68.20	-11.86	1.60	300	36.44	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11a_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	56.25	PK	68.20	-11.95	1.80	200	48.25	8.00
2	5350.00	44.16	AV	54.00	-9.84	1.80	200	36.16	8.00
3	10480.00	55.98	PK	68.20	-12.22	1.80	200	36.08	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11a_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	54.29	PK	68.20	-13.91	1.50	300	44.64	9.65
2	11490.00	58.26	PK	68.20	-9.94	1.50	300	36.56	21.70
3	11490.00	45.51	AV	54.00	-8.49	1.50	300	23.81	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11a_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	56.35	PK	68.20	-11.85	1.60	180	46.70	9.65
2	11490.00	57.49	PK	68.20	-10.71	1.60	180	35.79	21.70
3	11490.00	44.64	AV	54.00	-9.36	1.60	180	22.94	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11a_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	56.58	PK	68.20	-11.62	1.50	300	34.88	21.70
2	11570.00	44.52	AV	54.00	-9.48	1.50	300	22.82	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11a_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	55.98	PK	68.20	-12.22	1.60	180	34.28	21.70
2	11570.00	44.24	AV	54.00	-9.76	1.60	180	22.54	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11a_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	56.35	PK	68.20	-11.85	1.50	300	46.57	9.78
2	11650.00	57.01	PK	68.20	-11.19	1.50	300	35.11	21.90
3	11650.00	45.22	AV	54.00	-8.78	1.50	300	23.32	21.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11a_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	55.49	PK	68.20	-12.71	1.60	180	45.71	9.78
2	11650.00	58.26	PK	68.20	-9.94	1.60	180	36.36	21.90
3	11650.00	46.00	AV	54.00	-8	1.60	180	24.10	21.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n20_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	54.62	PK	68.20	-13.58	1.80	300	47.12	1.50
2	5150.00	42.97	AV	54.00	-11.03	1.80	300	35.47	1.50
3	10360.00	57.58	PK	68.20	-10.62	1.80	300	37.78	5.20
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n20_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	54.99	PK	68.20	-13.21	1.70	200	47.49	5.20
2	5150.00	43.02	AV	54.00	-10.98	1.70	200	35.52	5.20
3	10360.00	58.04	PK	68.20	-10.16	1.70	200	38.24	7.40

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n20_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	56.95	PK	68.20	-11.25	1.80	200	37.05	6.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n20_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	57.98	PK	68.20	-10.22	1.80	200	38.08	6.7

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n20_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	56.35	PK	68.20	-11.85	1.90	260	48.35	1.5
2	5350.00	44.40	AV	54.00	-9.6	1.90	260	36.40	1.5
3	10480.00	57.47	PK	68.20	-10.73	1.90	260	37.57	7.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n20_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	55.55	PK	68.20	-12.65	1.80	200	47.55	1.5
2	5350.00	43.70	AV	54.00	-10.3	1.80	200	35.70	1.5
3	10480.00	56.97	PK	68.20	-11.23	1.80	200	37.07	5.7

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n20_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	54.65	PK	68.20	-13.55	1.50	150	45.00	9.65
2	11490.00	58.62	PK	68.20	-9.58	1.50	150	36.92	21.70
3	11490.00	46.13	AV	54.00	-7.87	1.50	150	24.43	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n20_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	53.95	PK	68.20	-14.25	1.50	300	44.30	9.65
2	11490.00	54.87	PK	68.20	-13.33	1.50	300	33.17	21.70
3	11490.00	42.84	AV	54.00	-11.16	1.50	300	21.14	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n20_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	58.99	PK	68.20	-9.21	1.70	300	37.29	21.70
2	11570.00	46.93	AV	54.00	-7.07	1.70	300	25.23	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n20_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	57.95	PK	68.20	-10.25	1.60	280	36.25	21.70
2	11570.00	46.21	AV	54.00	-7.79	1.60	280	24.51	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n20_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	52.62	PK	68.20	-15.58	1.50	290	42.84	9.78
2	11650.00	56.95	PK	68.20	-11.25	1.50	300	35.05	21.90
3	11650.00	45.16	AV	54.00	-8.84	1.50	300	23.26	21.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n20_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	57.95	PK	68.20	-10.25	1.60	240	48.17	9.78
2	11650.00	59.36	PK	68.20	-8.84	1.60	240	37.46	21.90
3	11650.00	47.10	AV	54.00	-6.9	1.60	240	25.20	21.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n40_5190MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	55.85	PK	68.20	-12.35	1.60	280.00	48.35	7.50
2	5150.00	43.11	AV	54.00	-10.89	1.60	280.00	35.61	7.50
3	10380.00	57.65	PK	68.20	-10.55	1.60	280.00	37.85	19.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n40_5190MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	57.65	PK	68.20	-10.55	1.70	300.00	50.15	7.50
2	5150.00	46.08	AV	54.00	-7.92	1.70	300.00	38.58	7.50
3	10380.00	58.36	PK	68.20	-9.84	1.70	300.00	38.56	19.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n40_5230MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	56.64	PK	68.20	-11.56	1.80	300.00	48.64	8.00
2	5350.00	45.21	AV	54.00	-8.79	1.80	300.00	37.21	8.00
3	10460.00	58.99	PK	68.20	-9.21	1.80	120.00	39.09	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n40_5230MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	57.99	PK	68.20	-10.21	1.60	200.00	49.99	8.00
2	5350.00	46.79	AV	54.00	-7.21	1.60	200.00	38.79	8.00
3	10460.00	57.48	PK	68.20	-10.72	1.60	200.00	37.58	19.90

NTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n40_5755MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	58.94	PK	68.20	-9.26	1.60	300.00	49.29	9.65
2	11510.00	58.77	PK	68.20	-9.43	1.60	300.00	37.07	21.70
3	11510.00	46.74	AV	54.00	-7.26	1.60	300.00	25.04	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n40_5755MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	57.64	PK	68.20	-10.56	1.80	280.00	47.99	9.65
2	11510.00	57.95	PK	68.20	-10.25	1.80	280.00	36.25	21.70
3	11510.00	46.59	AV	54.00	-7.41	1.80	280.00	24.89	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11n40_5795MHz）									
No.	Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	57.98	PK	68.20	-10.22	1.60	300.00	48.20	9.78
2	11590.00	58.12	PK	68.20	-10.08	1.60	300.00	36.32	21.80
3	11590.00	46.89	AV	54.00	-7.11	1.60	300.00	25.09	21.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11n40_5795MHz）									
No.	Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	56.95	PK	68.20	-11.25	1.80	280.00	47.17	9.78
2	11590.00	58.14	PK	68.20	-10.06	1.80	280.00	36.34	21.80
3	11590.00	46.90	AV	54.00	-7.1	1.80	280.00	25.10	21.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac20_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	56.95	PK	68.20	-11.25	1.80	300	49.45	7.50
2	5150.00	44.38	AV	54.00	-9.62	1.80	300	36.88	7.50
3	10360.00	54.15	PK	68.20	-14.05	1.80	300	34.35	19.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac20_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	55.36	PK	68.20	-12.84	1.50	200	47.86	7.50
2	5150.00	43.07	AV	54.00	-10.93	1.50	200	35.57	7.50
3	10360.00	56.32	PK	68.20	-11.88	1.50	200	36.52	19.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac20_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	58.25	PK	68.20	-9.95	1.80	200	38.35	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac20_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	57.94	PK	68.20	-10.26	1.80	200	38.04	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac20_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	56.94	PK	68.20	-11.26	1.60	300	48.94	8.00
2	5350.00	44.72	AV	54.00	-9.28	1.60	300	36.72	8.00
3	10480.00	57.77	PK	68.20	-10.43	1.60	300	37.87	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac20_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	58.62	PK	68.20	-9.58	1.80	200	50.62	8.00
2	5350.00	46.53	AV	54.00	-7.47	1.80	200	38.53	8.00
3	10480.00	57.33	PK	68.20	-10.87	1.80	200	37.43	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac20_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	54.18	PK	68.20	-14.02	1.50	300	44.53	9.65
2	11490.00	57.85	PK	68.20	-10.35	1.50	300	36.15	21.70
3	11490.00	45.16	AV	54.00	-8.84	1.50	300	23.46	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac20_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	56.21	PK	68.20	-11.99	1.60	180	46.56	9.65
2	11490.00	56.94	PK	68.20	-11.26	1.60	180	35.24	21.70
3	11490.00	44.09	AV	54.00	-9.91	1.60	180	22.39	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac20_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	57.58	PK	68.20	-10.62	1.50	300	35.88	21.70
2	11570.00	45.29	AV	54.00	-8.71	1.50	300	23.59	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac20_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	54.62	PK	68.20	-13.58	1.60	180	32.92	21.70
2	11570.00	42.88	AV	54.00	-11.12	1.60	180	21.18	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac20_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	57.48	PK	68.20	-10.72	1.50	300	47.70	9.78
2	11650.00	56.25	PK	68.20	-11.95	1.50	300	34.35	21.90
3	11650.00	44.46	AV	54.00	-9.54	1.50	300	22.56	21.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac20_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	54.85	PK	68.20	-13.35	1.60	180	45.07	9.78
2	11650.00	57.77	PK	68.20	-10.43	1.60	180	35.87	21.90
3	11650.00	45.51	AV	54.00	-8.49	1.60	180	23.61	21.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac40_5190MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	56.65	PK	68.20	-11.55	1.60	260.00	49.15	7.50
2	5150.00	43.70	AV	54.00	-10.3	1.60	260.00	36.20	7.50
3	10380.00	57.13	PK	68.20	-11.07	1.60	260.00	37.33	19.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac40_5190MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	57.46	PK	68.20	-10.74	1.50	280.00	49.96	7.50
2	5150.00	45.48	AV	54.00	-8.52	1.50	280.00	37.98	7.50
3	10380.00	57.99	PK	68.20	-10.21	1.50	280.00	38.19	19.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac40_5230MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	56.88	PK	68.20	-11.32	1.60	200.00	48.88	8.00
2	5350.00	45.45	AV	54.00	-8.55	1.60	200.00	37.45	8.00
3	10460.00	57.48	PK	68.20	-10.72	1.60	200.00	37.58	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac40_5230MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	58.26	PK	68.20	-9.94	1.50	300.00	50.26	8.00
2	5350.00	47.06	AV	54.00	-6.94	1.50	300.00	39.06	8.00
3	10460.00	56.98	PK	68.20	-11.22	1.50	300.00	37.08	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac40_5755MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	57.58	PK	68.20	-10.62	1.60	300.00	47.93	9.65
2	11510.00	56.95	PK	68.20	-11.25	1.60	300.00	35.25	21.70
3	11510.00	44.50	AV	54.00	-9.5	1.60	300.00	22.80	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac40_5755MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	56.99	PK	68.20	-11.21	1.80	280.00	47.34	9.65
2	11510.00	58.14	PK	68.20	-10.06	1.80	280.00	36.44	21.70
3	11510.00	45.78	AV	54.00	-8.22	1.80	280.00	24.08	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac40_5795MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	56.66	PK	68.20	-11.54	1.60	300.00	46.88	9.78
2	11590.00	57.48	PK	68.20	-10.72	1.60	300.00	35.68	21.80
3	11590.00	45.73	AV	54.00	-8.27	1.60	300.00	23.93	21.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac40_5795MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	56.98	PK	68.20	-11.22	1.80	280.00	47.20	9.78
2	11590.00	57.18	PK	68.20	-11.02	1.80	280.00	35.38	21.80
3	11590.00	45.94	AV	54.00	-8.06	1.80	280.00	24.14	21.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac-VHT80_5210MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	57.65	PK	68.20	-10.55	1.60	200.00	50.15	7.50
2	5150.00	46.03	AV	54.00	-7.97	1.60	200.00	38.53	7.50
3	10420.00	58.59	PK	68.20	-9.61	1.60	200.00	38.69	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac-VHT80_5210MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	56.14	PK	68.20	-12.06	1.80	300.00	48.64	7.50
2	5150.00	43.79	AV	54.00	-10.21	1.80	300.00	36.29	7.50
3	10420.00	58.78	PK	68.20	-9.42	1.80	300.00	38.88	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ac-VHT80_5775MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5460.00	58.47	PK	68.20	-9.73	1.80	200.00	48.69	9.78
2	5460.00	46.64	AV	54.00	-7.36	1.80	200.00	36.86	9.78
3	11220.00	60.36	PK	68.20	-7.84	1.80	200.00	38.56	21.80
4	11220.00	48.52	AV	54.00	-5.48	1.80	200.00	26.72	21.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ac-VHT80_5775MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5460.00	57.65	PK	68.20	-10.55	1.40	120.00	47.87	9.78
2	5460.00	46.00	AV	54.00	-8.00	1.40	120.00	36.22	9.78
3	11220.00	59.24	PK	68.20	-8.96	1.40	120.00	37.44	21.80
4	11220.00	48.35	AV	54.00	-5.65	1.40	120.00	26.55	21.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	56.65	PK	68.20	-11.55	1.80	260	49.15	7.50
2	5150.00	44.90	AV	54.00	-9.10	1.80	260	37.40	7.50
3	10360.00	57.15	PK	68.20	-11.05	1.80	260	37.35	19.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax_5180MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	55.94	PK	68.20	-12.26	1.70	200	48.44	7.50
2	5150.00	43.95	AV	54.00	-10.05	1.70	200	36.45	7.50
3	10360.00	57.52	PK	68.20	-10.68	1.70	200	37.72	19.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	57.55	PK	68.20	-10.65	1.80	200	37.65	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax_5220MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	10400.00	56.95	PK	68.20	-11.25	1.80	200	37.05	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	55.87	PK	68.20	-12.33	1.90	260	47.87	8.00
2	5350.00	43.53	AV	54.00	-10.47	1.90	260	35.53	8.00
3	10480.00	56.98	PK	68.20	-11.22	1.90	260	37.08	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax_5240MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	56.17	PK	68.20	-12.03	1.80	200	48.17	8.00
2	5350.00	44.32	AV	54.00	-9.68	1.80	200	36.32	8.00
3	10480.00	57.39	PK	68.20	-10.81	1.80	200	37.49	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	56.54	PK	68.20	-11.66	1.50	150	46.89	9.65
2	11490.00	57.12	PK	68.20	-11.08	1.50	150	35.42	21.70
3	11490.00	44.63	AV	54.00	-9.37	1.50	150	22.93	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax_5745MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	53.65	PK	68.20	-14.55	1.50	300	44.00	9.65
2	11490.00	56.95	PK	68.20	-11.25	1.50	300	35.25	21.70
3	11490.00	44.92	AV	54.00	-9.08	1.50	300	23.22	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	57.44	PK	68.20	-10.76	1.70	300	35.74	21.70
2	11570.00	45.38	AV	54.00	-8.62	1.70	300	23.68	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax_5785MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	11570.00	56.95	PK	68.20	-11.25	1.60	280	35.25	21.70
2	11570.00	45.21	AV	54.00	-8.79	1.60	280	23.51	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	54.87	PK	68.20	-13.33	1.50	290	45.09	9.78
2	11650.00	56.28	PK	68.20	-11.92	1.50	300	34.38	21.90
3	11650.00	44.49	AV	54.00	-9.51	1.50	300	22.59	21.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax_5825MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	56.65	PK	68.20	-11.55	1.60	240	46.87	9.78
2	11650.00	58.14	PK	68.20	-10.06	1.60	240	36.24	21.90
3	11650.00	45.88	AV	54.00	-8.12	1.60	240	23.98	21.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax40_5190MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	56.66	PK	68.20	-11.54	1.70	300.00	49.16	7.50
2	5150.00	43.92	AV	54.00	-10.08	1.70	300.00	36.42	7.50
3	10380.00	57.13	PK	68.20	-11.07	1.70	300.00	37.33	19.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax40_5190MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	57.00	PK	68.20	-11.2	1.50	250.00	49.50	7.50
2	5150.00	44.65	AV	54.00	-9.35	1.50	250.00	37.15	7.50
3	10380.00	58.65	PK	68.20	-9.55	1.50	250.00	38.85	19.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax40_5230MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	57.14	PK	68.20	-11.06	1.60	200.00	49.14	8.00
2	5350.00	44.99	AV	54.00	-9.01	1.60	200.00	36.99	8.00
3	10460.00	58.32	PK	68.20	-9.88	1.60	200.00	38.42	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax40_5230MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5350.00	55.98	PK	68.20	-12.22	1.50	300.00	47.98	8.00
2	5350.00	44.78	AV	54.00	-9.22	1.50	300.00	36.78	8.00
3	10460.00	57.99	PK	68.20	-10.21	1.50	300.00	38.09	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax40_5755MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	57.25	PK	68.20	-10.95	1.40	250.00	47.60	9.65
2	11510.00	58.14	PK	68.20	-10.06	1.40	250.00	36.44	21.70
3	11510.00	45.57	AV	54.00	-8.43	1.40	250.00	23.87	21.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax40_5755MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5725.00	56.65	PK	68.20	-11.55	1.60	300.00	47.00	9.65
2	11510.00	57.94	PK	68.20	-10.26	1.60	300.00	36.24	21.70
3	11510.00	45.79	AV	54.00	-8.21	1.60	300.00	24.09	21.70

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax40_5795MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	56.54	PK	68.20	-11.66	1.60	300.00	46.76	9.78
2	11590.00	58.95	PK	68.20	-9.25	1.60	300.00	37.15	21.80
3	11590.00	47.20	AV	54.00	-6.8	1.60	300.00	25.40	21.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax40_5795MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5850.00	57.65	PK	68.20	-10.55	1.80	280.00	47.87	9.78
2	11590.00	58.36	PK	68.20	-9.84	1.80	280.00	36.56	21.80
3	11590.00	47.12	AV	54.00	-6.88	1.80	280.00	25.32	21.80

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax 80_5210MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	56.87	PK	68.20	-11.33	1.60	180.00	49.37	7.50
2	5150.00	44.89	AV	54.00	-9.11	1.60	180.00	37.39	7.50
3	10420.00	57.48	PK	68.20	-10.72	1.60	180.00	37.58	19.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax 80_5210MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5150.00	57.64	PK	68.20	-10.56	1.80	260.00	50.14	7.50
2	5150.00	45.17	AV	54.00	-8.83	1.80	260.00	37.67	7.50
3	10420.00	58.24	PK	68.20	-9.96	1.80	260.00	38.34	19.90

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M（802.11ax-VHT80_5775MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5460.00	57.44	PK	68.20	-10.76	1.70	300.00	47.66	9.78
2	5460.00	45.47	AV	54.00	-8.53	1.70	300.00	35.69	9.78
3	11220.00	58.03	PK	68.20	-10.17	1.80	200.00	36.23	21.80
4	11220.00	45.98	AV	54.00	-8.02	1.80	200.00	24.18	21.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M（802.11ax-VHT80_5775MHz）									
No.	Frequency (MHz)	Emssion Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)
1	5460.00	56.59	PK	68.20	-11.61	1.60	280.00	46.81	9.78
2	5460.00	44.62	AV	54.00	-9.38	1.60	280.00	34.84	9.78
3	11220.00	57.97	PK	68.20	-10.23	1.40	280.00	36.17	21.80
4	11220.00	46.48	AV	54.00	-7.52	1.40	280.00	24.68	21.80

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

2.7. Conducted Emission

2.7.1. Limit of Conducted Emission

FCC 15.207,

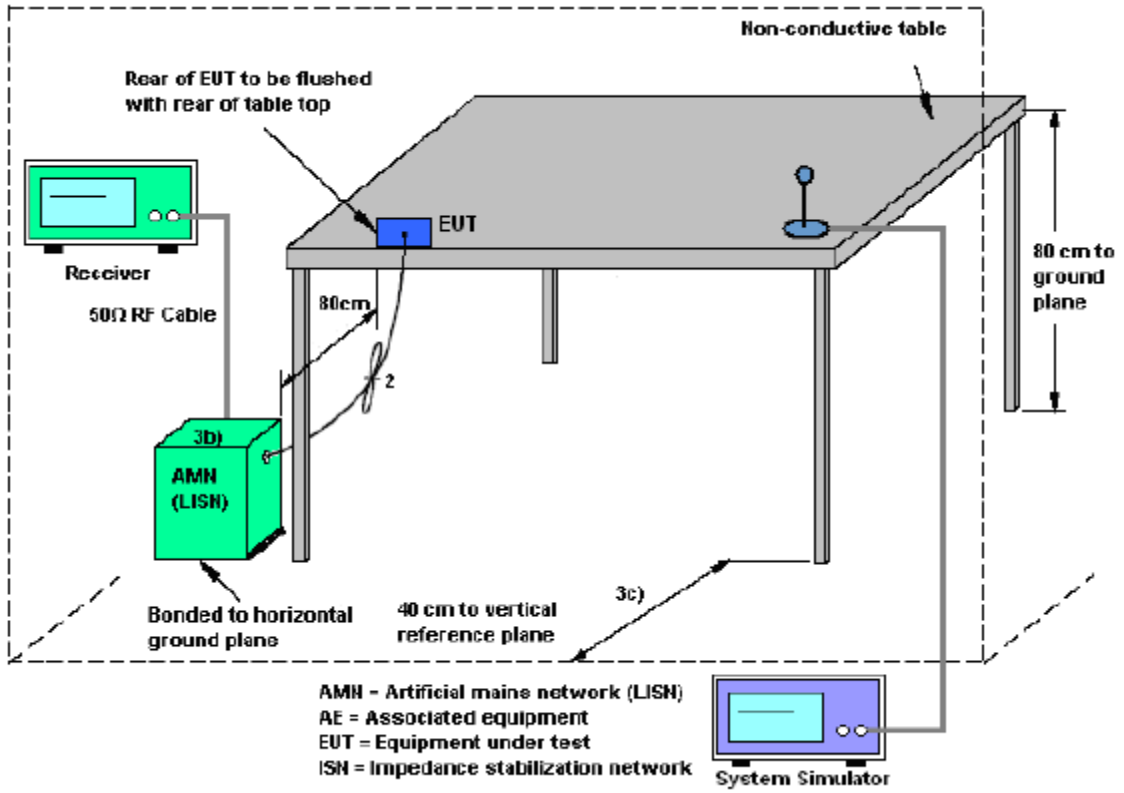
For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

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

2.7.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.7.3. Test Setup

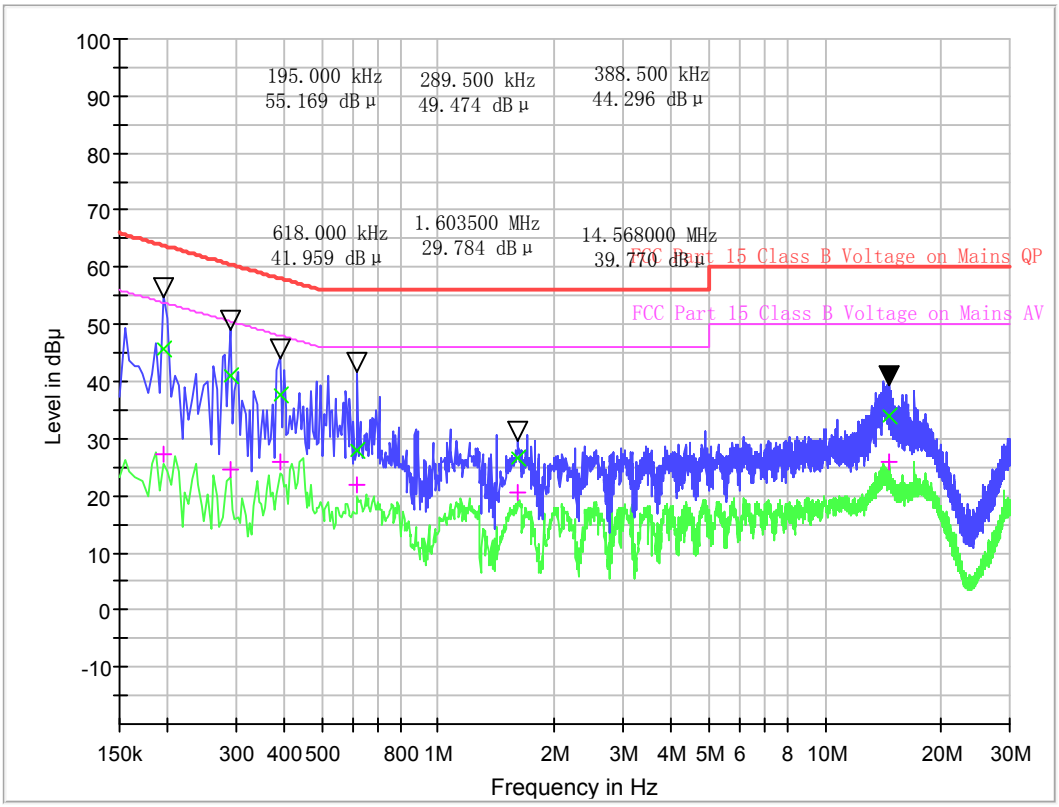


2.7.4. Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

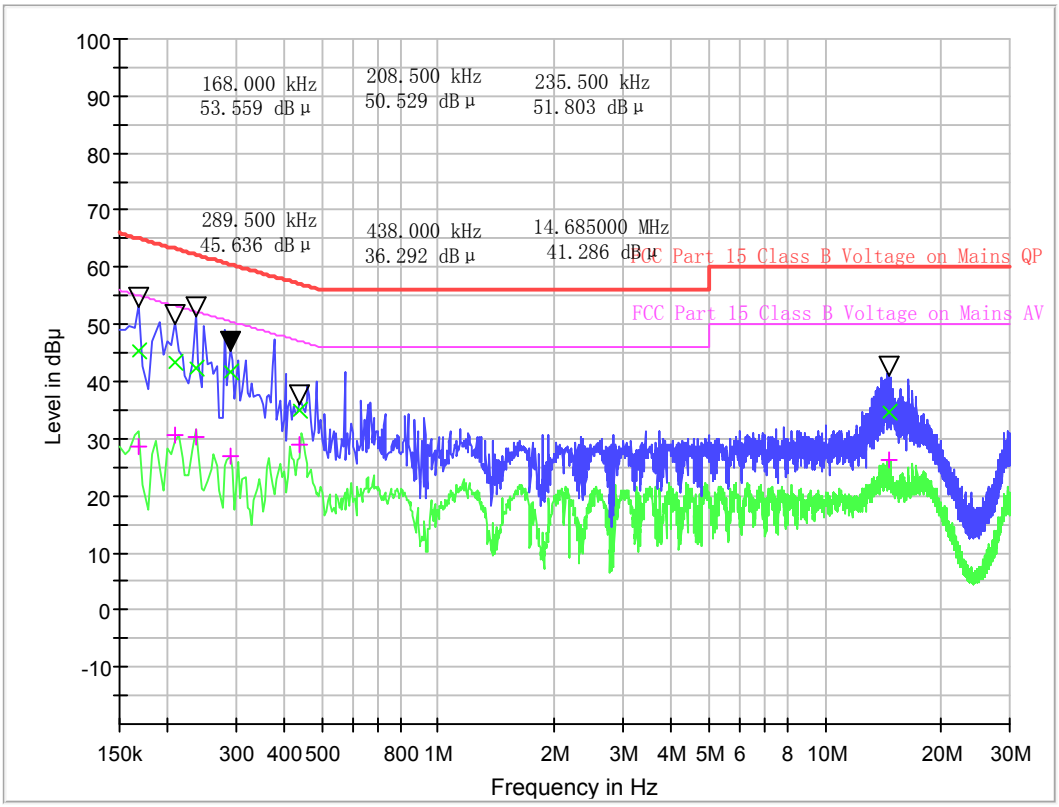
2.7.5. Test Results of Conducted Emission

The EUT configuration of the emission tests is 5G WLAN Link + USB Cable (Charging from Adapter)



(Plot A: L Phase)

Frequency (MHz)	QuasiPeak (dB µ V)	CAverage (dB µ V)	Cabel Loss (dB)	Corr. (dB)	Margin - QPK	Limit - QPK	Margin - AV	Limit - AV (dB µ V)
0.195000	45.77	27.36	0.1	10.1	18.05	63.8	26.46	53.8
0.289500	41.12	24.55	0.1	10.1	19.42	60.5	25.99	50.5
0.388500	37.57	25.78	0.6	10.6	20.53	58.1	22.32	48.1
0.618000	28.09	21.93	0.6	10.6	27.91	56.0	24.07	46.0
1.603500	26.49	20.65	0.6	10.6	29.51	56.0	25.35	46.0
14.568000	33.95	26.02	0.7	10.7	26.05	60.0	23.98	50.0



(Plot B: N Phase)

Frequency (MHz)	QuasiPeak (dB µ V)	CAverage (dB µ V)	Cabel Loss (dB)	Corr. (dB)	Margin - QPK	Limit - QPK	Margin - AV	Limit - AV (dB µ V)
0.168000	45.47	28.48	0.1	10.1	19.59	65.1	26.58	55.1
0.208500	43.47	30.51	0.1	10.1	19.79	63.3	22.75	53.3
0.235500	42.47	30.25	0.1	10.1	19.78	62.3	22.00	52.3
0.289500	41.84	27.00	0.1	10.1	18.70	60.5	23.54	50.5
0.438000	35.09	28.93	0.2	10.2	22.01	57.1	18.17	47.1
14.685000	34.58	26.24	0.2	10.2	25.42	60.0	23.76	50.0

Test Result: PASS

Note: Correction factor=Cabel loss+ attenuation factor

attenuation factor=10dB

3. List of measuring equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	EMI TEST RECEIVER	KEYSIGHT	N9038A	A141202036	2020.09.21	2021.09.20
2	Power Meter	R&S	NRP-Z31	102872	2021.04.26	2022.04.25
3	TURNTABLE	ETS	2088	2149	N/A	N/A
4	ANTENNA MAST	ETS	2075	2346	N/A	N/A
5	EMI TEST Software	R&S	ESK1	N/A	N/A	N/A
6	Horn antenna (18GHz~26.5GHz)	AR	AT4003A	325306	2020.09.16	2022.09.15
7	Amplifier 30M~1GHz	MILMEGA	80RF1000-10004	A140101634	2021.01.26	2022.01.25
8	Amplifier 1G~18GHz	MILMEGA	AS0104R-800/400	A160302517	2021.01.26	2022.01.25
9	High pass filter	Compliance Direction systems	BSU-6	34202	2020.11.10	2021.11.09
10	Horn Antenna	R&S	HF906	A0304225	2019.04.17	2022.04.16
11	Horn Antenna	R&S	ESIB7	A0501375	2020.06.24	2022.06.22
12	ULTRA-BROADBAND ANTENNA	SCHWARZBECK	VULB9160	A0805560	2019.05.24	2022.05.23
13	Passive Loop Antenna	R&S	HFH2-Z2	100047	2019.04.26	2022.04.25
14	Temperature chamber	TABAI	PS-232	A8708054	2020.10.30	2021.10.29
15	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2021.04.26	2022.04.25
16	Power Supply	R&S	ESIB26	A0304218	2021.01.04	2022.01.03
17	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2020.09.22	2021.09.21
18	Test software	ECIT	Eagle	V2.0	N/A	N/A

Appendix A

RF output power

Test results

band U-NII-1 (5150 ~ 5250 MHz)

802.11a mode							
Frequency (MHz)	Conducted Output Power (dBm)		EIRP (dBm)		FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
5180	12.76	12.27	17.76	17.27	30	22.58	PASS
5220	12.48	12.02	17.48	17.02	30	22.58	PASS
5240	12.15	11.96	17.15	16.96	30	22.59	PASS
802.11n-HT20 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5180	10.73	11.30	14.03	22.03	28	22.58	PASS
5220	10.57	11.19	13.90	21.90	28	22.57	PASS
5240	10.30	10.95	13.65	21.65	28	22.57	PASS
802.11n-HT40 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5190	11.24	11.39	14.33	22.33	28	23	PASS
5230	10.95	11.33	14.15	22.15	28	23	PASS
802.11ac-VHT20 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5180	10.34	11.52	13.98	21.98	28	22.54	PASS
5220	10.64	11.38	14.04	22.04	28	22.57	PASS
5240	10.46	11.36	13.94	21.94	28	22.56	PASS

802.11ac-VHT40 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5190	11.67	11.40	14.55	22.55	28	23	PASS
5230	11.49	11.37	14.44	22.44	28	23	PASS
802.11ac-VHT80 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5210	11.03	11.26	14.16	22.16	28	23	PASS
802.11ax-HE20 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5180	11.34	11.66	14.51	22.51	28	23	PASS
5220	11.10	11.52	14.33	22.33	28	23	PASS
5240	11.01	11.27	14.15	22.15	28	23	PASS
802.11ax-HE40 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5190	11.13	11.83	14.50	22.50	28	23	PASS
5230	11.27	11.91	14.61	22.61	28	23	PASS
802.11ax-HE80 mode							
Frequency (MHz)	Conducted Output Power (dBm)			EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Result
	Antenna 0	Antenna 1	Total				
5210	11.01	11.99	14.54	22.54	28	23	PASS

Note: According to RSS247 Clause6.2.1.1 the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whicheve rpower is less. B is the 99% emission bandwidth in megahertz.

Note: For MIMO mode (802.11n/ac/ax), Total Gain is 8dBi exceeds 6dBi, the FCC power limit should be= 30-(8-6) =28dBm

Conducted Power Test results of band U-NII-3 (5725 ~ 5850 MHz)

802.11a mode				
Frequency (MHz)	Conducted Output Power (dBm)		Limit (dBm)	Result
	Antenna 0	Antenna 1		
5745	12.61	13.06	30	PASS
5785	12.66	13.22	30	PASS
5825	12.56	12.79	30	PASS

802.11n-HT20 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5745	11.35	11.51	14.44	28	PASS
5785	11.59	11.24	14.43	28	PASS
5825	11.43	11.79	14.62	28	PASS

802.11n-HT40 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5755	11.99	12.51	15.27	28	PASS
5795	12.10	12.54	15.34	28	PASS

802.11ac-VHT20 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5745	11.95	12.72	15.36	28	PASS
5785	12.08	12.50	15.31	28	PASS
5825	11.82	12.34	15.10	28	PASS

802.11ac-VHT40 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5755	12.26	12.83	15.56	28	PASS
5795	12.18	12.70	15.46	28	PASS
802.11ac-VHT80 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5775	12.20	12.39	15.31	28	PASS
802.11ax-HE20 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5745	12.32	13.13	15.75	28	PASS
5785	12.31	12.92	15.64	28	PASS
5825	12.29	11.97	15.14	28	PASS
802.11ax-HE40 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5755	12.66	13.22	15.96	28	PASS
5795	12.48	12.84	15.67	28	PASS
802.11ax-HE80 mode					
Test Frequency (MHz)	Conducted Output Power (dBm)			Limit (dBm)	Result
	Antenna 0	Antenna 1	Total		
5775	12.40	13.01	15.73	28	PASS

Note: For MIMO mode (802.11n/ac/ax), Total Gain is 8dBi exceeds 6dBi, the FCC power limit should be= 30-(8-6) =28dBi

AVGSA Power Spectral Density

Conducted PSD Test results of band U-NII-1 (5150~5250MHz)

802.11a mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)		EIRP Spectral Density (dBm/MHz)		Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
5180	0.998	0.841	5.998	5.841	17	10	PASS
5220	0.835	0.988	5.835	5.988	17	10	PASS
5240	0.748	0.842	5.748	5.842	17	10	PASS

802.11n-HT20 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5180	-1.507	-0.861	1.84	9.84	15	10	PASS
5220	-1.522	-0.930	1.79	9.79	15	10	PASS
5240	-1.561	-0.917	1.78	9.78	15	10	PASS

802.11n-HT40 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5190	-3.177	-2.863	-0.01	7.99	15	10	PASS
5230	-2.882	-3.131	0.01	8.01	15	10	PASS

802.11ac-VHT20 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5180	-2.133	-0.556	1.74	9.74	15	10	PASS
5220	-1.480	-0.699	1.94	9.94	15	10	PASS
5240	-1.587	-0.24	1.93	9.93	15	10	PASS

802.11ac-VHT40 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5190	-2.873	-2.977	0.09	8.09	15	10	PASS
5230	-2.930	-2.999	0.05	8.05	15	10	PASS

802.11ac-VHT80 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5210	-6.327	-6.130	-3.22	4.78	15	10	PASS
802.11ax-HE20 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5180	-1.452	-0.627	1.98	9.98	15	10	PASS
5220	-1.503	-0.678	1.94	9.94	15	10	PASS
5240	-1.651	-0.680	1.87	9.87	15	10	PASS
802.11ax-HE40 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5190	-3.178	-2.626	0.12	8.12	15	10	PASS
5230	-2.930	-2.492	0.30	8.3	15	10	PASS
802.11ax-HE80 mode							
Test Frequency (MHz)	Power Spectral Density (dBm/MHz)			EIRP Spectral Density (dBm/MHz)	Limit (dBm/MHz)	IC (dBm/MHz)	Result
	Antenna 0	Antenna 1	Total				
5210	-6.431	-5.181	-2.75	5.25	15	10	PASS

Note: For MIMO mode (802.11n/ac/ax), Total Gain is 8dBi exceeds 6dBi, the FCC power limit should be= 17-(8-6) =15dBm

Conducted PSD Test results of band U-NII-3 (5725 ~ 5850 MHz)

802.11a mode				
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)		Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1		
5745	-1.204	-1.471	30	PASS
5785	-1.406	-0.839	30	PASS
5825	-1.094	-0.918	30	PASS

802.11n-HT20 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5745	-2.744	-3.594	-0.14	28	PASS
5785	-2.692	-2.847	0.24	28	PASS
5825	-2.767	-2.237	0.52	28	PASS

802.11n-HT40 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5755	-5.066	-4.293	-1.65	28	PASS
5795	-4.668	-4.496	-1.57	28	PASS

802.11ac-VHT20 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5745	-1.941	-1.686	1.20	28	PASS
5785	-2.195	-1.871	0.98	28	PASS
5825	-2.231	-1.807	1.00	28	PASS

802.11ac-VHT40 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5755	-4.492	-4.249	-1.36	28	PASS
5795	-4.736	-4.304	-1.50	28	PASS

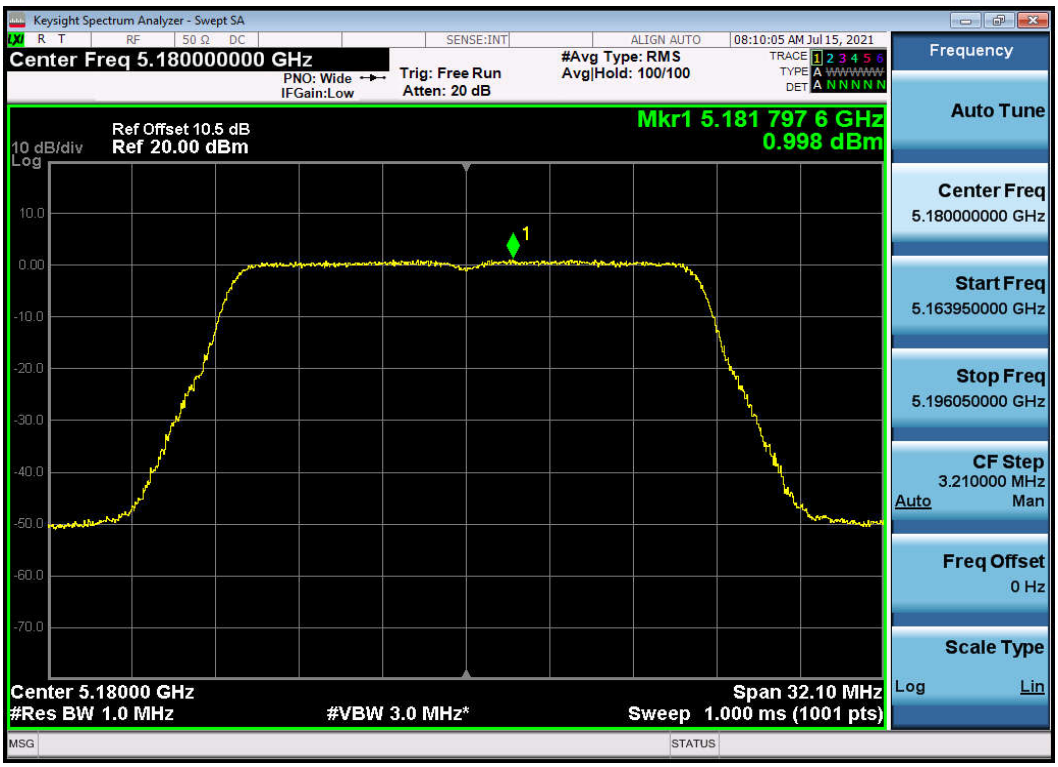
802.11n-VHT80 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5775	-7.633	-7.456	-4.53	28	PASS

802.11ax-HE20 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5745	-1.954	-1.062	1.53	28	PASS
5785	-2.157	-1.487	1.20	28	PASS
5825	-2.010	-2.028	0.99	28	PASS

802.11ax-HE40 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5755	-4.374	-3.752	-1.04	28	PASS
5795	-4.457	-4.320	-1.38	28	PASS
802.11ax-HE80 mode					
Test Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500KHz)	Result
	Antenna 0	Antenna 1	Total		
5775	-7.175	-6.765	-3.95	28	PASS

Note: For MIMO mode (802.11n/ac/ax), Total Gain is 8dBi exceeds 6dBi, the power limit should be= 30-(8-6) =28dBm

Worst-case test Plot of PSD(802.11a-ANT0, 5180MHz)



Emission Bandwidth

Test Result and Data

U-NII-1 Occupied 26 dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5180	Ant0	21.27	Pass
802.11n (20MHz)	5220	Ant0	21.49	Pass
802.11n (20MHz)	5240	Ant0	21.48	Pass
802.11n (40MHz)	5190	Ant0	39.85	Pass
802.11n (40MHz)	5230	Ant0	39.99	Pass
802.11ac (20MHz)	5180	Ant0	21.41	Pass
802.11ac (20MHz)	5220	Ant0	21.51	Pass
802.11ac (20MHz)	5240	Ant0	21.28	Pass
802.11ac (40MHz)	5190	Ant0	39.84	Pass
802.11ac (40MHz)	5230	Ant0	39.75	Pass
802.11ac (80MHz)	5210	Ant0	81.94	Pass
802.11a (20MHz)	5180	Ant0	21.40	Pass
802.11a (20MHz)	5220	Ant0	21.40	Pass
802.11a (20MHz)	5240	Ant0	21.45	Pass
802.11ax (20MHz)	5180	Ant0	21.48	Pass
802.11ax (20MHz)	5220	Ant0	21.32	Pass
802.11ax (20MHz)	5240	Ant0	21.42	Pass
802.11ax (40MHz)	5190	Ant0	39.76	Pass
802.11ax (40MHz)	5230	Ant0	40.03	Pass
802.11ax (80MHz)	5210	Ant0	81.38	Pass

U-NII-1 Occupied 26 dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5180	Ant1	21.45	Pass
802.11n (20MHz)	5220	Ant1	21.41	Pass
802.11n (20MHz)	5240	Ant1	21.37	Pass
802.11n (40MHz)	5190	Ant1	39.82	Pass
802.11n (40MHz)	5230	Ant1	39.88	Pass
802.11ac (20MHz)	5180	Ant1	21.48	Pass
802.11ac (20MHz)	5220	Ant1	21.36	Pass
802.11ac (20MHz)	5240	Ant1	21.36	Pass
802.11ac (40MHz)	5190	Ant1	39.90	Pass
802.11ac (40MHz)	5230	Ant1	39.86	Pass
802.11ac (80MHz)	5210	Ant1	81.91	Pass
802.11a (20MHz)	5180	Ant1	21.09	Pass
802.11a (20MHz)	5220	Ant1	21.06	Pass
802.11a (20MHz)	5240	Ant1	21.06	Pass
802.11ax (20MHz)	5180	Ant1	21.37	Pass
802.11ax (20MHz)	5220	Ant1	21.32	Pass
802.11ax (20MHz)	5240	Ant1	21.36	Pass
802.11ax (40MHz)	5190	Ant1	39.71	Pass
802.11ax (40MHz)	5230	Ant1	39.65	Pass
802.11ax (80MHz)	5210	Ant1	81.43	Pass

U-NII-1 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5180	Ant0	18.099	Report only
802.11n (20MHz)	5220	Ant0	18.083	
802.11n (20MHz)	5240	Ant0	18.087	
802.11n (40MHz)	5190	Ant0	36.546	
802.11n (40MHz)	5230	Ant0	36.600	
802.11ac (20MHz)	5180	Ant0	17.941	
802.11ac (20MHz)	5220	Ant0	18.056	
802.11ac (20MHz)	5240	Ant0	18.031	
802.11ac (40MHz)	5190	Ant0	36.640	
802.11ac (40MHz)	5230	Ant0	36.599	
802.11ac (80MHz)	5210	Ant0	75.727	
802.11a (20MHz)	5180	Ant0	18.125	
802.11a (20MHz)	5220	Ant0	18.109	
802.11a (20MHz)	5240	Ant0	18.141	
802.11ax (20MHz)	5180	Ant0	19.054	
802.11ax (20MHz)	5220	Ant0	19.067	
802.11ax (20MHz)	5240	Ant0	19.058	
802.11ax (40MHz)	5190	Ant0	37.642	
802.11ax (40MHz)	5230	Ant0	37.754	
802.11ax (80MHz)	5210	Ant0	76.890	

U-NII-1 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5180	Ant1	18.061	Report only
802.11n (20MHz)	5220	Ant1	18.089	
802.11n (20MHz)	5240	Ant1	18.078	
802.11n (40MHz)	5190	Ant1	36.665	
802.11n (40MHz)	5230	Ant1	36.652	
802.11ac (20MHz)	5180	Ant1	18.005	
802.11ac (20MHz)	5220	Ant1	18.049	
802.11ac (20MHz)	5240	Ant1	18.029	
802.11ac (40MHz)	5190	Ant1	36.641	
802.11ac (40MHz)	5230	Ant1	36.642	
802.11ac (80MHz)	5210	Ant1	75.728	
802.11a (20MHz)	5180	Ant1	16.968	
802.11a (20MHz)	5220	Ant1	16.929	
802.11a (20MHz)	5240	Ant1	16.882	
802.11ax (20MHz)	5180	Ant1	18.083	
802.11ax (20MHz)	5220	Ant1	18.076	
802.11ax (20MHz)	5240	Ant1	18.011	
802.11ax (40MHz)	5190	Ant1	36.502	
802.11ax (40MHz)	5230	Ant1	37.651	
802.11ax (80MHz)	5210	Ant1	76.955	

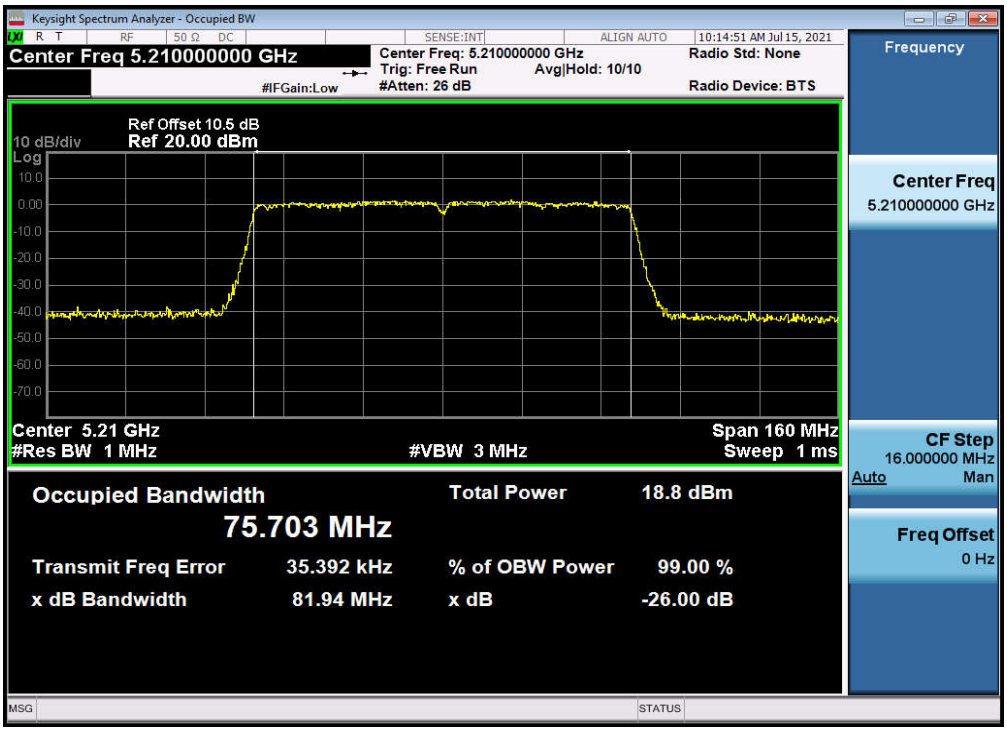
U-NII-3 Occupied 6 dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5745	Ant0	17.61	Pass
802.11n (20MHz)	5785	Ant0	17.61	Pass
802.11n (20MHz)	5825	Ant0	17.62	Pass
802.11n (40MHz)	5755	Ant0	36.36	Pass
802.11n (40MHz)	5795	Ant0	36.33	Pass
802.11ac (20MHz)	5745	Ant0	17.62	Pass
802.11ac (20MHz)	5785	Ant0	17.58	Pass
802.11ac (20MHz)	5825	Ant0	17.60	Pass
802.11ac (40MHz)	5755	Ant0	36.38	Pass
802.11ac (40MHz)	5795	Ant0	36.37	Pass
802.11ac (80MHz)	5775	Ant0	75.59	Pass
802.11a (20MHz)	5745	Ant0	16.39	Pass
802.11a (20MHz)	5785	Ant0	16.40	Pass
802.11a (20MHz)	5825	Ant0	16.40	Pass
802.11ax (20MHz)	5745	Ant0	18.94	Pass
802.11ax (20MHz)	5785	Ant0	18.98	Pass
802.11ax (20MHz)	5825	Ant0	19.01	Pass
802.11ax (40MHz)	5755	Ant0	37.50	Pass
802.11ax (40MHz)	5795	Ant0	37.54	Pass
802.11ax (80MHz)	5775	Ant0	76.81	Pass

U-NII-3 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5745	Ant0	18.090	Report only
802.11n (20MHz)	5785	Ant0	18.047	
802.11n (20MHz)	5825	Ant0	18.073	
802.11n (40MHz)	5755	Ant0	36.639	
802.11n (40MHz)	5795	Ant0	36.609	
802.11ac (20MHz)	5745	Ant0	18.055	
802.11ac (20MHz)	5785	Ant0	18.066	
802.11ac (20MHz)	5825	Ant0	18.061	
802.11ac (40MHz)	5755	Ant0	36.605	
802.11ac (40MHz)	5795	Ant0	36.580	
802.11ac (80MHz)	5775	Ant0	75.717	
802.11a (20MHz)	5745	Ant0	16.977	
802.11a (20MHz)	5785	Ant0	16.886	
802.11a (20MHz)	5825	Ant0	16.870	
802.11ax (20MHz)	5745	Ant0	19.084	
802.11ax (20MHz)	5785	Ant0	19.100	
802.11ax (20MHz)	5825	Ant0	19.085	
802.11ax (40MHz)	5755	Ant0	37.688	
802.11ax (40MHz)	5795	Ant0	37.783	
802.11ax (80MHz)	5775	Ant0	76.859	

U-NII-3 Occupied N dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5745	Ant1	17.60	Pass
802.11n (20MHz)	5785	Ant1	17.63	Pass
802.11n (20MHz)	5825	Ant1	17.61	Pass
802.11n (40MHz)	5755	Ant1	36.39	Pass
802.11n (40MHz)	5795	Ant1	36.36	Pass
802.11ac (20MHz)	5745	Ant1	17.64	Pass
802.11ac (20MHz)	5785	Ant1	17.62	Pass
802.11ac (20MHz)	5825	Ant1	17.62	Pass
802.11ac (40MHz)	5755	Ant1	36.29	Pass
802.11ac (40MHz)	5795	Ant1	36.36	Pass
802.11ac (80MHz)	5775	Ant1	75.71	Pass
802.11a (20MHz)	5745	Ant1	16.39	Pass
802.11a (20MHz)	5785	Ant1	16.42	Pass
802.11a (20MHz)	5825	Ant1	16.38	Pass
802.11ax (20MHz)	5745	Ant1	18.96	Pass
802.11ax (20MHz)	5785	Ant1	17.61	Pass
802.11ax (20MHz)	5825	Ant1	17.64	Pass
802.11ax (40MHz)	5755	Ant1	37.64	Pass
802.11ax (40MHz)	5795	Ant1	36.30	Pass
802.11ax (80MHz)	5775	Ant1	76.64	Pass

U-NII-3 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11n (20MHz)	5745	Ant1	18.105	Report only
802.11n (20MHz)	5785	Ant1	18.058	
802.11n (20MHz)	5825	Ant1	18.151	
802.11n (40MHz)	5755	Ant1	36.552	
802.11n (40MHz)	5795	Ant1	36.564	
802.11ac (20MHz)	5745	Ant1	18.087	
802.11ac (20MHz)	5785	Ant1	18.053	
802.11ac (20MHz)	5825	Ant1	18.059	
802.11ac (40MHz)	5755	Ant1	36.466	
802.11ac (40MHz)	5795	Ant1	36.590	
802.11ac (80MHz)	5775	Ant1	75.692	
802.11a (20MHz)	5745	Ant1	16.972	
802.11a (20MHz)	5785	Ant1	16.948	
802.11a (20MHz)	5825	Ant1	16.967	
802.11ax (20MHz)	5745	Ant1	19.114	
802.11ax (20MHz)	5785	Ant1	18.132	
802.11ax (20MHz)	5825	Ant1	17.986	
802.11ax (40MHz)	5755	Ant1	37.740	
802.11ax (40MHz)	5795	Ant1	36.572	
802.11ax (80MHz)	5775	Ant1	76.895	

To simplify the report, only the maximum bandwidth test plot is provided：

U-NII-1 26dB Bandwidth-802.11ac(80MHz),5210MHz,Ant0


Frequency Stability

U-NII-1 Centre Frequency							
Mode	Test Frequency (MHz)	Ant	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5180	Ant0	5171.105	5188.937	5180.021	4.020	Pass
802.11n (20MHz)	5220	Ant0	5211.113	5228.942	5220.027	5.190	Pass
802.11n (20MHz)	5240	Ant0	5231.116	5248.931	5240.023	4.450	Pass
802.11n (40MHz)	5190	Ant0	5171.727	5208.314	5190.020	3.900	Pass
802.11n (40MHz)	5230	Ant0	5211.732	5248.299	5230.015	2.870	Pass
802.11ac (20MHz)	5180	Ant0	5171.114	5188.928	5180.021	4.020	Pass
802.11ac (20MHz)	5220	Ant0	5211.107	5228.923	5220.015	2.790	Pass
802.11ac (20MHz)	5240	Ant0	5231.108	5248.939	5240.023	4.450	Pass
802.11ac (40MHz)	5190	Ant0	5171.736	5208.299	5190.017	3.320	Pass
802.11ac (40MHz)	5230	Ant0	5211.724	5248.294	5230.009	1.720	Pass
802.11ac (80MHz)	5210	Ant0	5171.790	5248.283	5210.037	7.040	Pass
802.11a (20MHz)	5180	Ant0	5171.712	5188.331	5180.021	4.100	Pass
802.11a (20MHz)	5220	Ant0	5211.118	5228.937	5220.028	5.270	Pass
802.11a (20MHz)	5240	Ant0	5231.718	5248.303	5240.011	2.070	Pass

U-NII-1 Centre Frequency							
Mode	Test Frequency (MHz)	Ant	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5180	Ant1	5171.113	5188.948	5180.030	5.870	Pass
802.11n (20MHz)	5220	Ant1	5211.120	5228.952	5220.036	6.860	Pass
802.11n (20MHz)	5240	Ant1	5231.118	5248.957	5240.037	7.080	Pass
802.11n (40MHz)	5190	Ant1	5171.759	5208.329	5190.044	8.380	Pass
802.11n (40MHz)	5230	Ant1	5211.768	5248.324	5230.046	8.750	Pass
802.11ac (20MHz)	5180	Ant1	5171.123	5188.938	5180.031	5.950	Pass
802.11ac (20MHz)	5220	Ant1	5211.125	5228.952	5220.038	7.340	Pass
802.11ac (20MHz)	5240	Ant1	5231.112	5248.954	5240.033	6.280	Pass
802.11ac (40MHz)	5190	Ant1	5171.729	5208.300	5190.014	2.750	Pass
802.11ac (40MHz)	5230	Ant1	5211.715	5248.294	5230.005	0.860	Pass
802.11ac (80MHz)	5210	Ant1	5171.747	5248.217	5209.982	-3.520	Pass
802.11a (20MHz)	5180	Ant1	5171.734	5188.341	5180.038	7.240	Pass
802.11a (20MHz)	5220	Ant1	5211.733	5228.328	5220.030	5.750	Pass
802.11a (20MHz)	5240	Ant1	5231.749	5248.318	5240.034	6.440	Pass

U-NII-3 Centre Frequency							
Mode	Test Frequency (MHz)	Ant	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5745	Ant0	5736.103	5753.933	5745.018	3.050	Pass
802.11n (20MHz)	5785	Ant0	5776.097	5793.941	5785.019	3.240	Pass
802.11n (20MHz)	5825	Ant0	5816.097	5833.934	5825.015	2.650	Pass
802.11n (40MHz)	5755	Ant0	5736.732	5773.317	5755.024	4.170	Pass
802.11n (40MHz)	5795	Ant0	5776.744	5813.315	5795.029	5.050	Pass
802.11ac (20MHz)	5745	Ant0	5736.109	5753.933	5745.021	3.630	Pass
802.11ac (20MHz)	5785	Ant0	5776.118	5793.930	5785.024	4.110	Pass
802.11ac (20MHz)	5825	Ant0	5816.108	5833.933	5825.020	3.510	Pass
802.11ac (40MHz)	5755	Ant0	5736.715	5773.300	5755.008	1.300	Pass
802.11ac (40MHz)	5795	Ant0	5776.735	5813.311	5795.023	3.880	Pass
802.11ac (80MHz)	5775	Ant0	5736.747	5813.283	5775.015	2.600	Pass
802.11a (20MHz)	5745	Ant0	5736.726	5753.319	5745.023	3.920	Pass
802.11a (20MHz)	5785	Ant0	5776.723	5793.328	5785.025	4.390	Pass
802.11a (20MHz)	5825	Ant0	5816.718	5833.321	5825.020	3.360	Pass

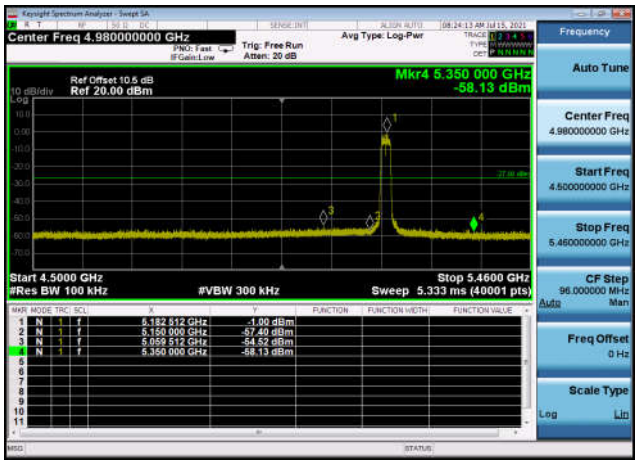
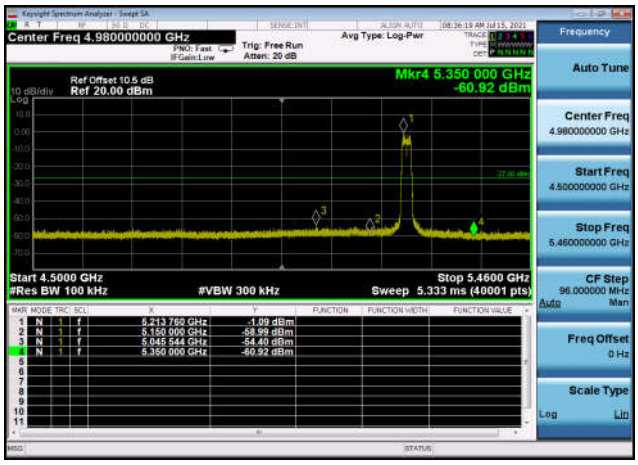
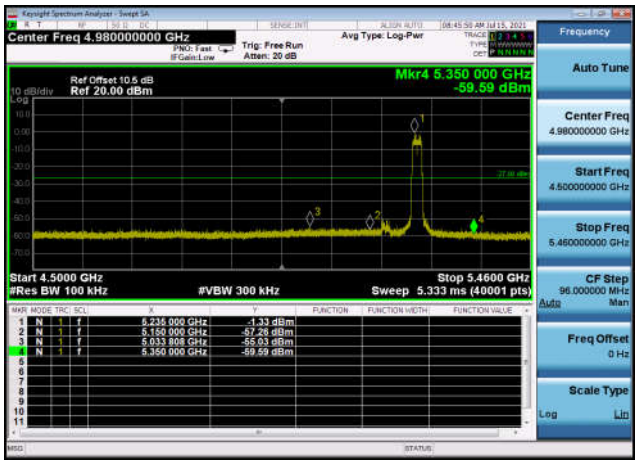
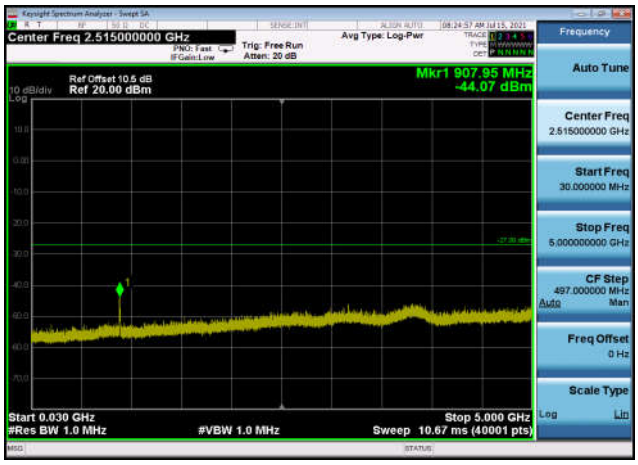
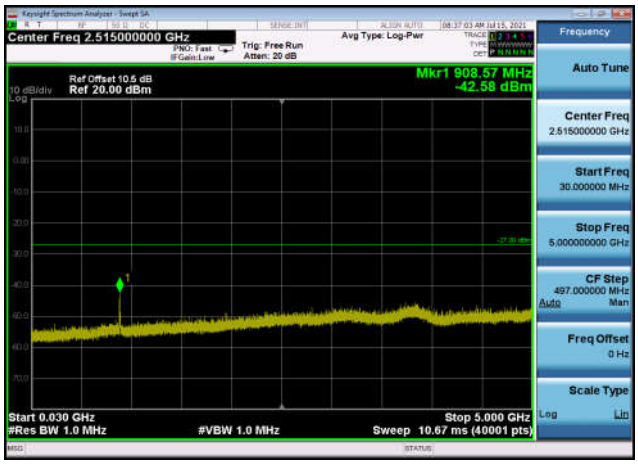
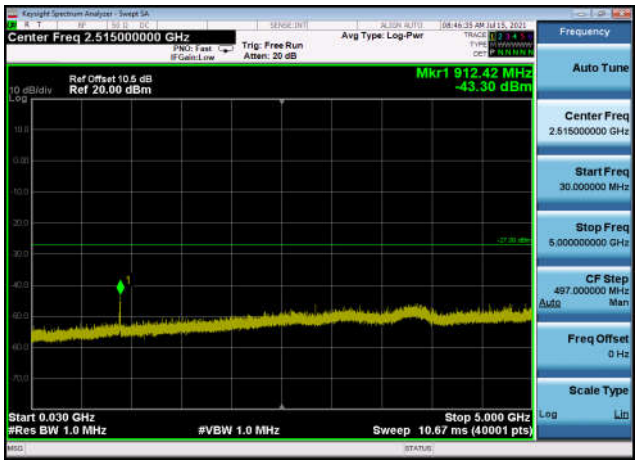
U-NII-3 Centre Frequency							
Mode	Test Frequency (MHz)	Ant	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5745	Ant1	5736.118	5753.938	5745.028	4.860	Pass
802.11n (20MHz)	5785	Ant1	5776.103	5793.938	5785.021	3.600	Pass
802.11n (20MHz)	5825	Ant1	5816.096	5833.937	5825.016	2.790	Pass
802.11n (40MHz)	5755	Ant1	5736.741	5773.299	5755.020	3.390	Pass
802.11n (40MHz)	5795	Ant1	5776.727	5813.306	5795.017	2.850	Pass
802.11ac (20MHz)	5745	Ant1	5736.108	5753.937	5745.023	3.920	Pass
802.11ac (20MHz)	5785	Ant1	5776.098	5793.936	5785.017	2.950	Pass
802.11ac (20MHz)	5825	Ant1	5816.100	5833.938	5825.019	3.220	Pass
802.11ac (40MHz)	5755	Ant1	5736.717	5773.306	5755.011	1.950	Pass
802.11ac (40MHz)	5795	Ant1	5776.720	5813.291	5795.005	0.910	Pass
802.11ac (80MHz)	5775	Ant1	5736.803	5813.217	5775.010	1.730	Pass
802.11a (20MHz)	5745	Ant1	5736.708	5753.318	5745.013	2.320	Pass
802.11a (20MHz)	5785	Ant1	5776.717	5793.307	5785.012	2.020	Pass
802.11a (20MHz)	5825	Ant1	5816.707	5833.328	5825.017	2.930	Pass

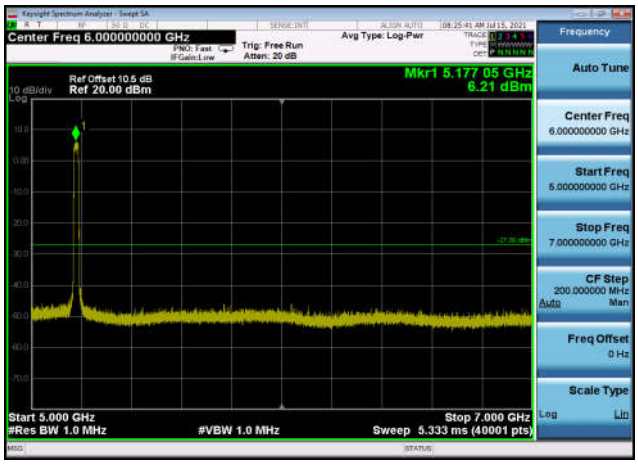
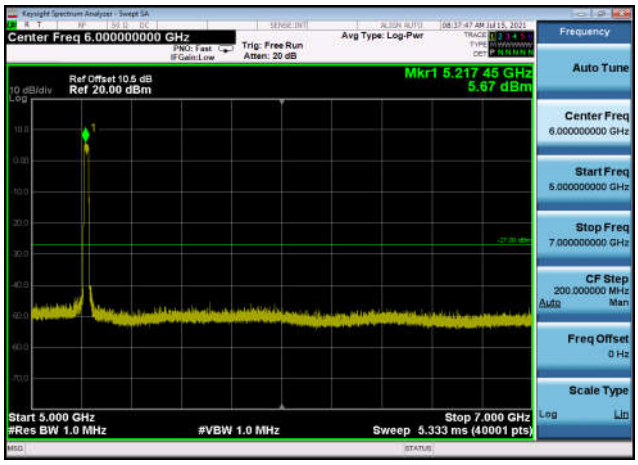
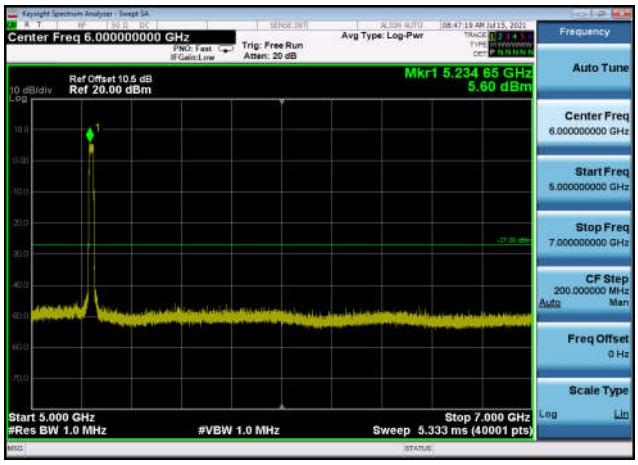
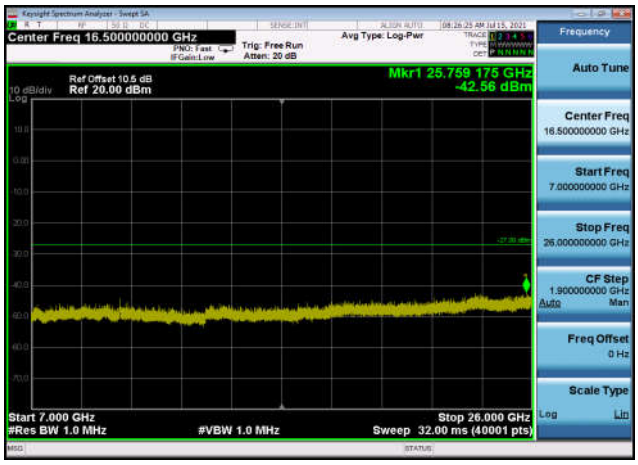
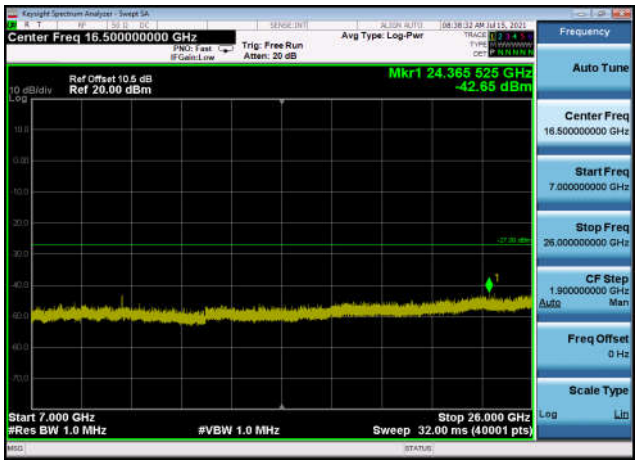
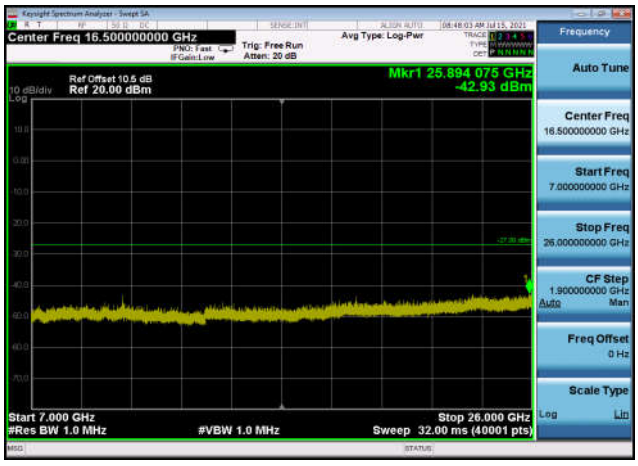
U-NII-1 Centre Frequency							
Mode	Test Frequency (MHz)	Ant	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11ax (20MHz)	5180	Ant0	5170.413	5189.628	5180.020	3.940	Pass
802.11ax (20MHz)	5220	Ant0	5210.421	5229.588	5220.005	0.880	Pass
802.11ax (20MHz)	5240	Ant0	5230.422	5249.583	5240.003	0.480	Pass
802.11ax (40MHz)	5190	Ant0	5170.967	5209.049	5190.008	1.450	Pass
802.11ax (40MHz)	5230	Ant0	5211.033	5249.070	5230.051	9.750	Pass
802.11ax (80MHz)	5210	Ant0	5171.003	5249.013	5210.008	1.600	Pass
802.11ax (20MHz)	5180	Ant1	5171.098	5188.937	5180.018	3.380	Pass
802.11ax (20MHz)	5220	Ant1	5211.090	5228.931	5220.010	2.000	Pass
802.11ax (20MHz)	5240	Ant1	5231.120	5248.933	5240.027	5.090	Pass
802.11ax (40MHz)	5190	Ant1	5171.718	5208.294	5190.006	1.160	Pass
802.11ax (40MHz)	5230	Ant1	5210.958	5249.064	5230.011	2.010	Pass
802.11ax (80MHz)	5210	Ant1	5170.977	5249.013	5209.995	-0.960	Pass

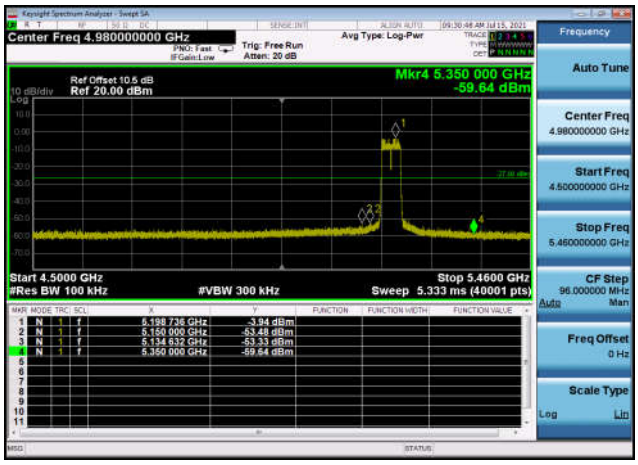
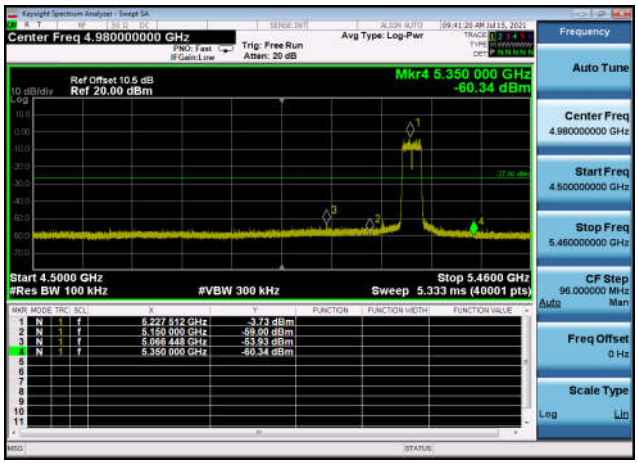
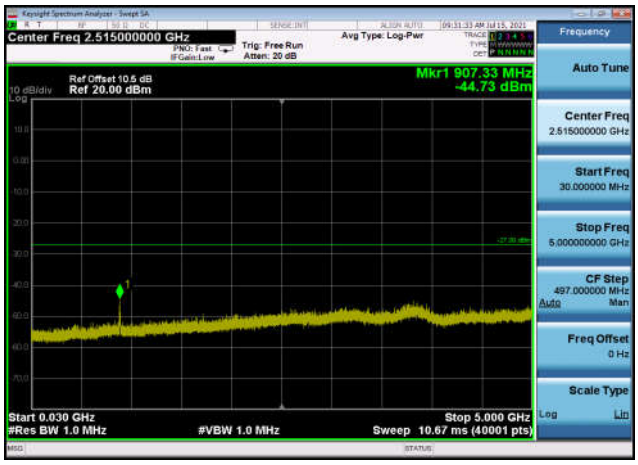
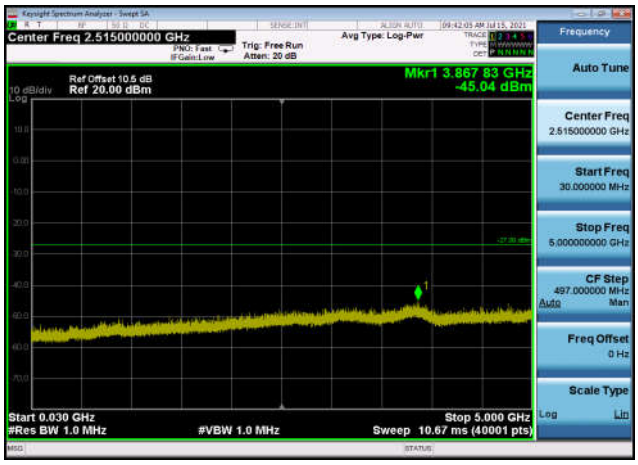
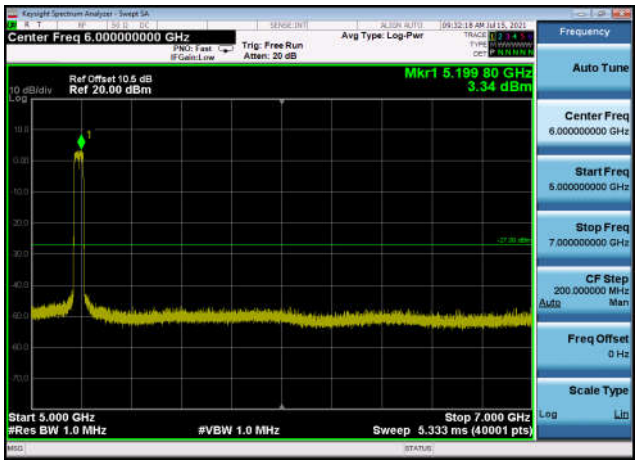
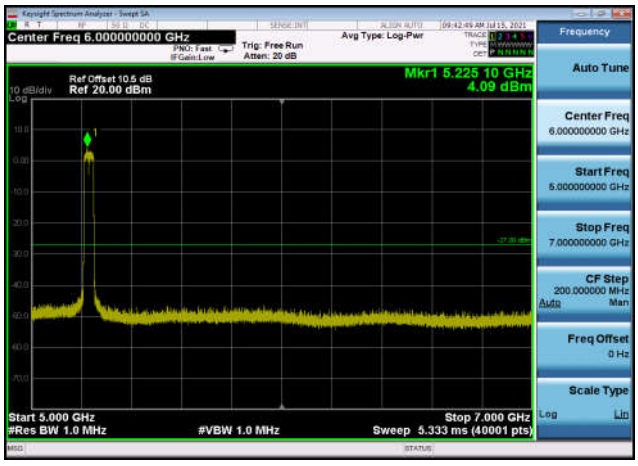
U-NII-3 Centre Frequency							
Mode	Test Frequency (MHz)	Ant	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11ax (20MHz)	5745	Ant0	5735.448	5754.655	5745.051	8.920	Pass
802.11ax (20MHz)	5785	Ant0	5775.438	5794.618	5785.028	4.900	Pass
802.11ax (20MHz)	5825	Ant0	5815.431	5834.643	5825.037	6.290	Pass
802.11ax (40MHz)	5755	Ant0	5735.998	5774.109	5755.053	9.250	Pass
802.11ax (40MHz)	5795	Ant0	5776.009	5814.125	5795.067	11.520	Pass
802.11ax (80MHz)	5775	Ant0	5736.050	5813.967	5775.008	1.440	Pass
802.11ax (20MHz)	5745	Ant1	5735.410	5754.603	5745.006	1.090	Pass
802.11ax (20MHz)	5785	Ant1	5776.107	5793.932	5785.019	3.310	Pass
802.11ax (20MHz)	5825	Ant1	5816.113	5833.943	5825.028	4.790	Pass
802.11ax (40MHz)	5755	Ant1	5735.962	5774.145	5755.053	9.250	Pass
802.11ax (40MHz)	5795	Ant1	5776.768	5813.318	5795.043	7.380	Pass
802.11ax (80MHz)	5775	Ant1	5735.973	5814.080	5775.027	4.620	Pass

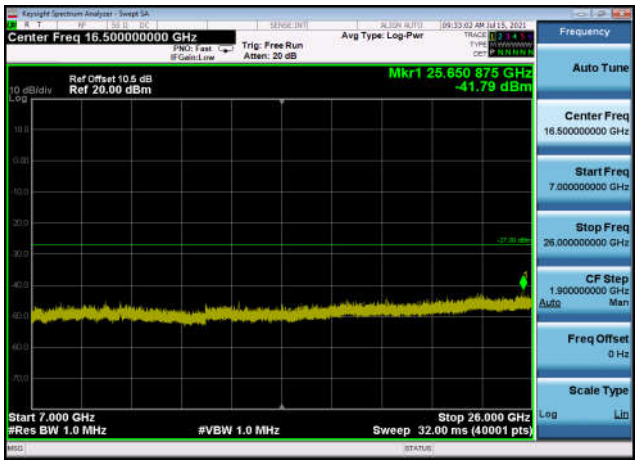
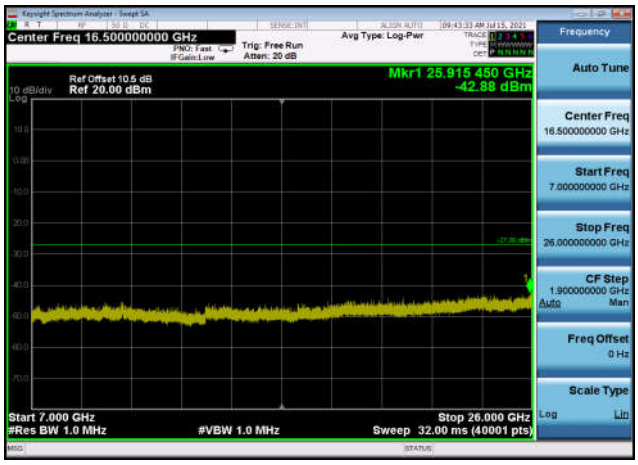
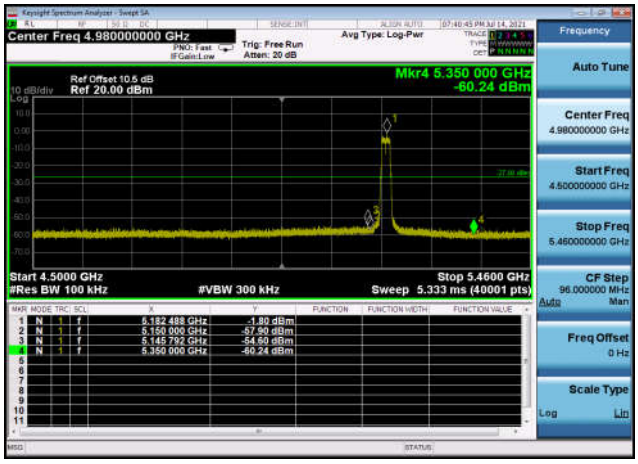
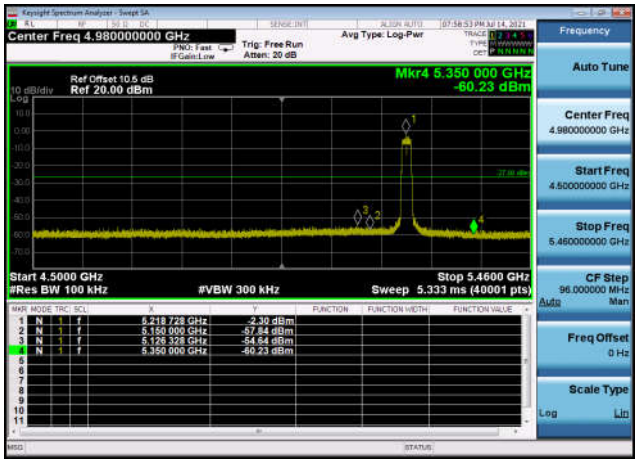
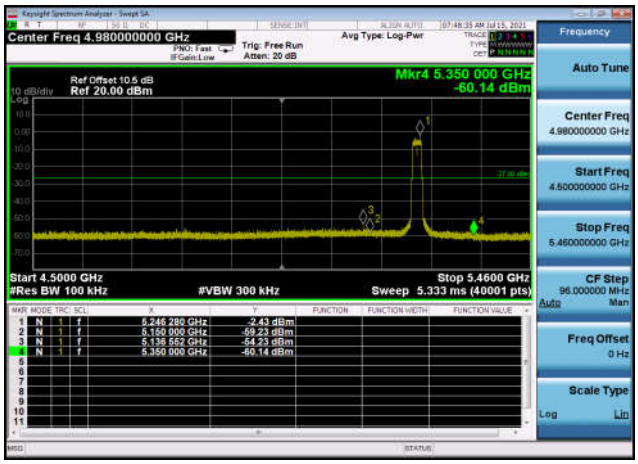
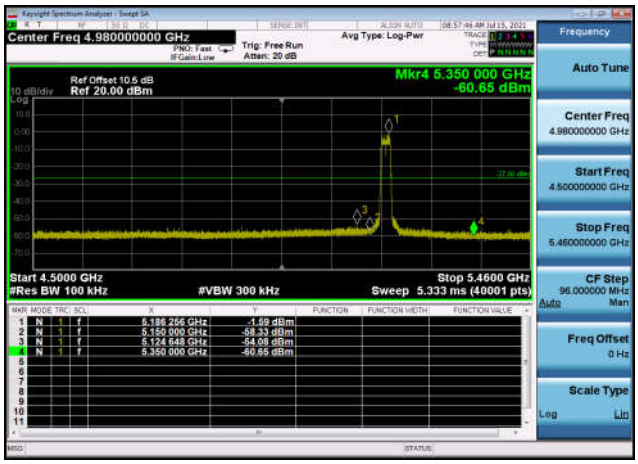
Note:The worst data reported only.

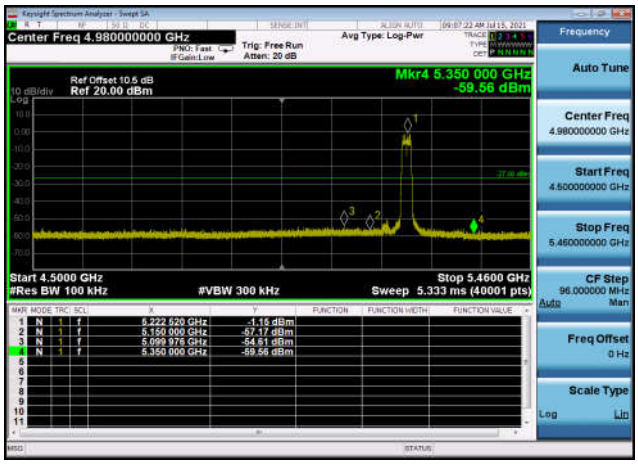
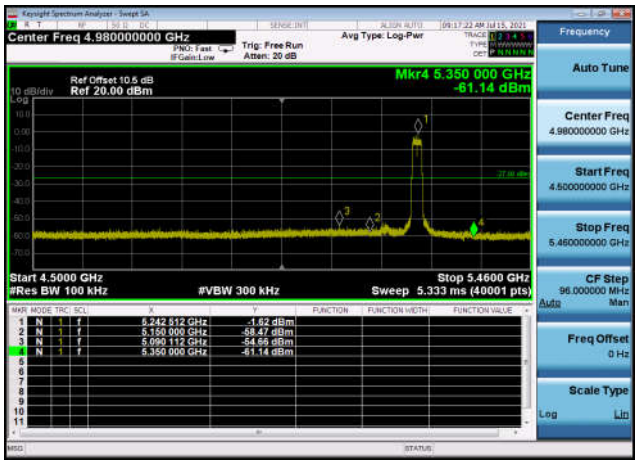
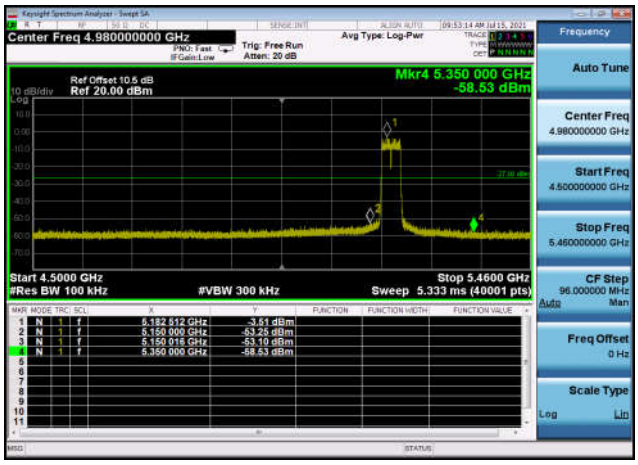
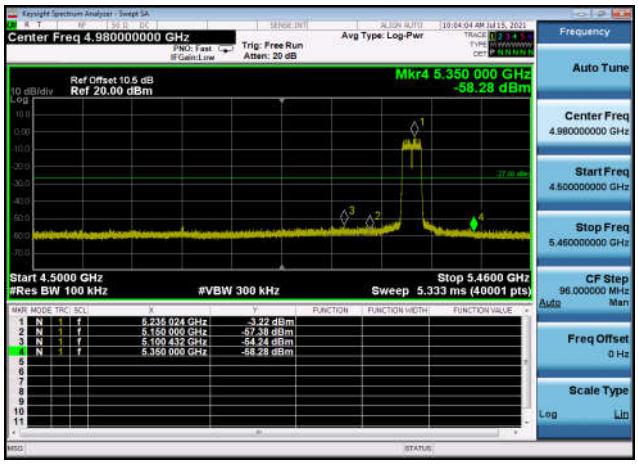
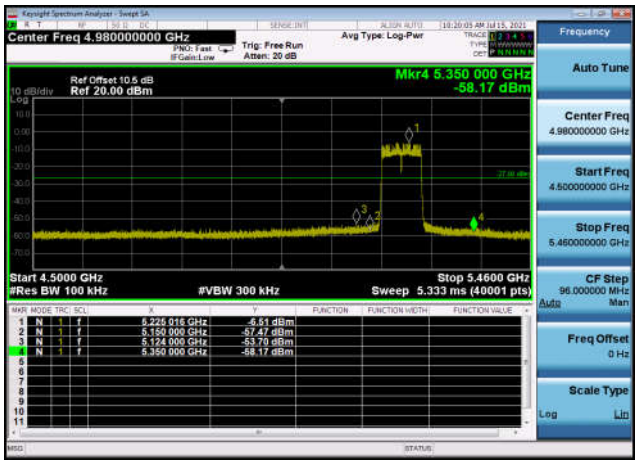
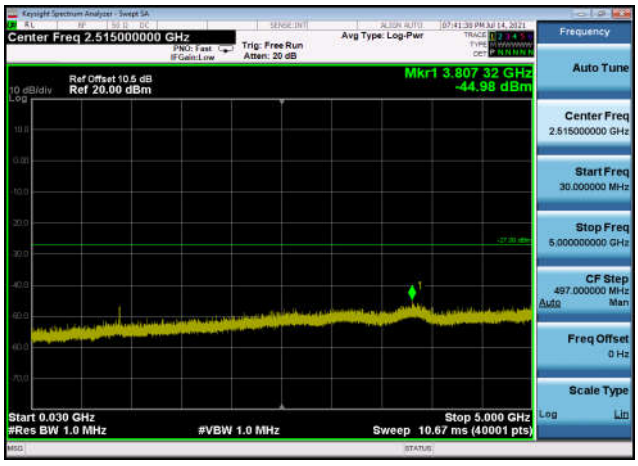
Transmitter Bandedge and spurious Emission

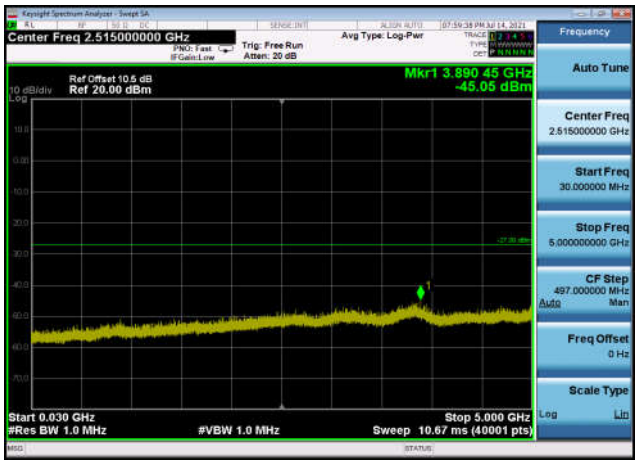
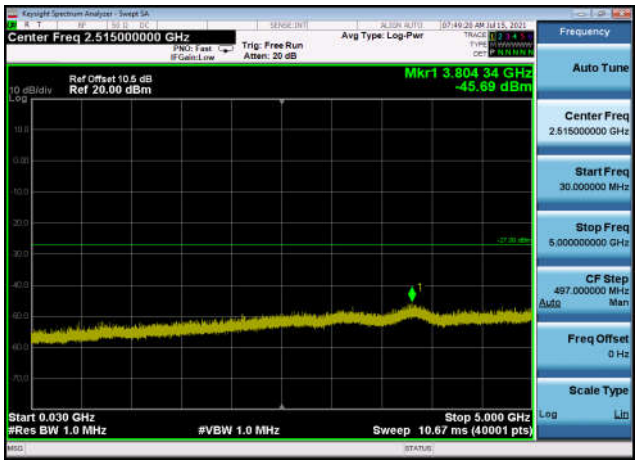
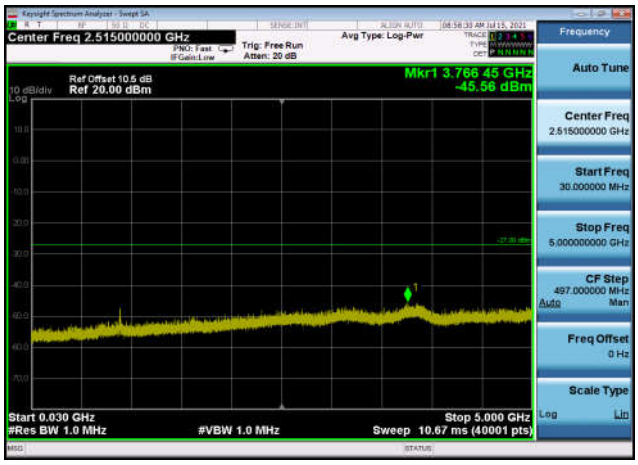
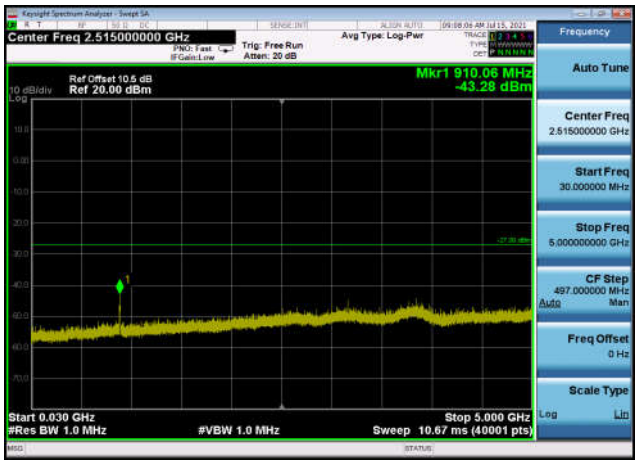
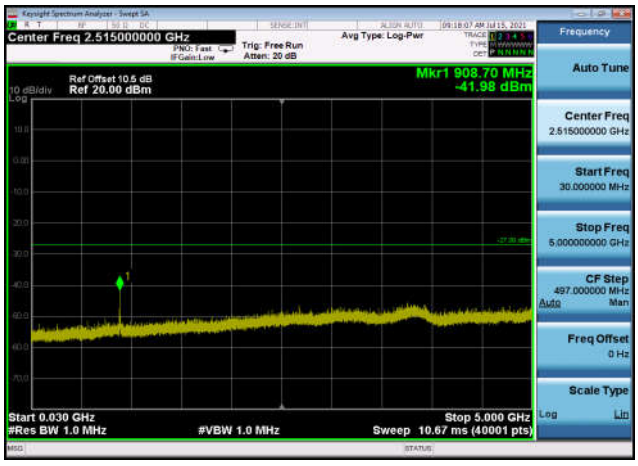
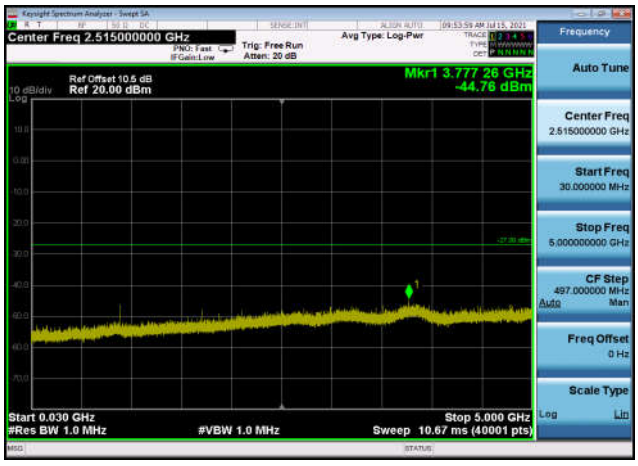
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(20MHz),5180MHz,Ant0
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(20MHz),5220MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(20MHz),5240MHz,Ant0
	

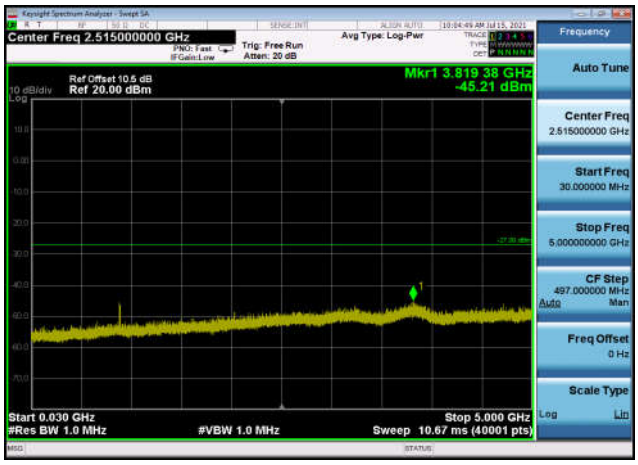
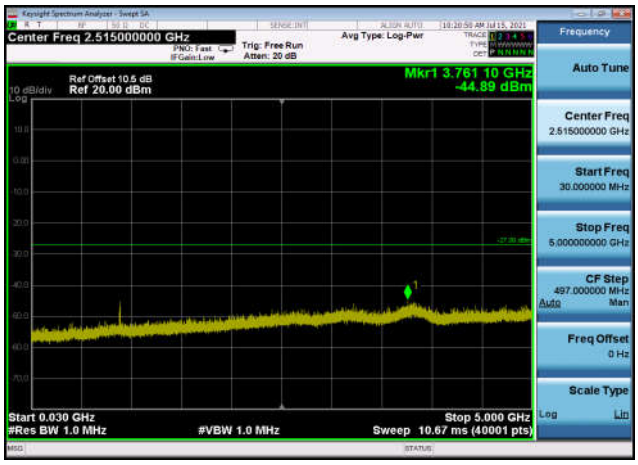
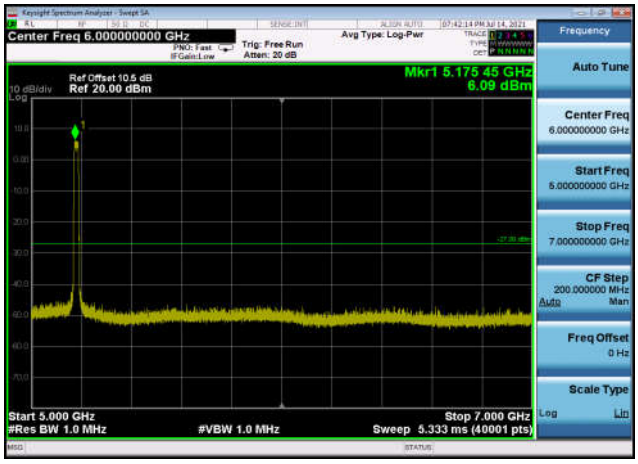
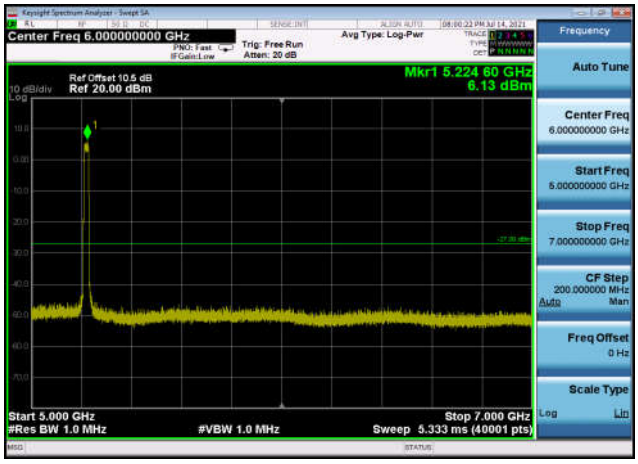
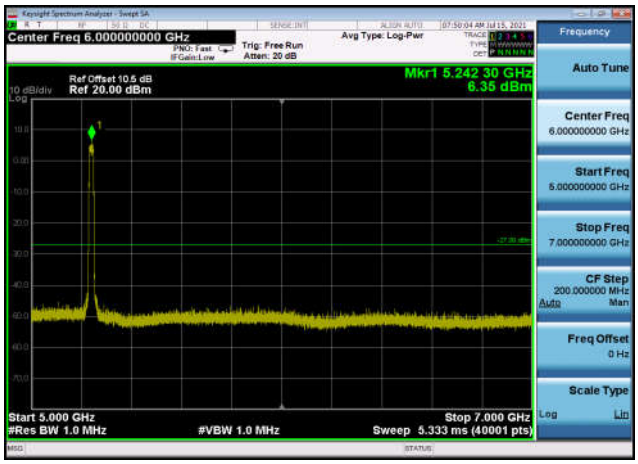
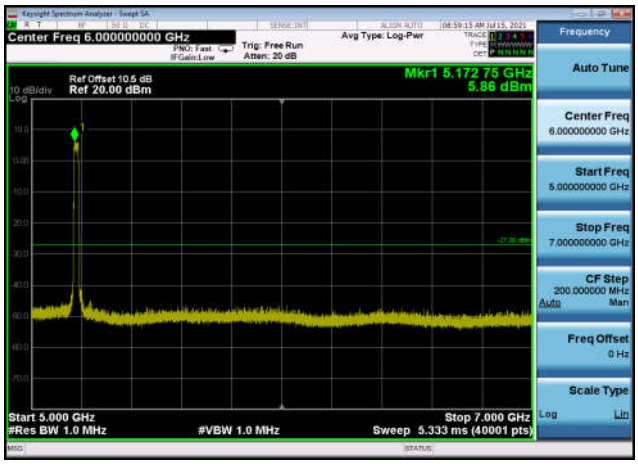
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(20MHz),5180MHz,Ant0
	
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(20MHz),5220MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(20MHz),5240MHz,Ant0
	

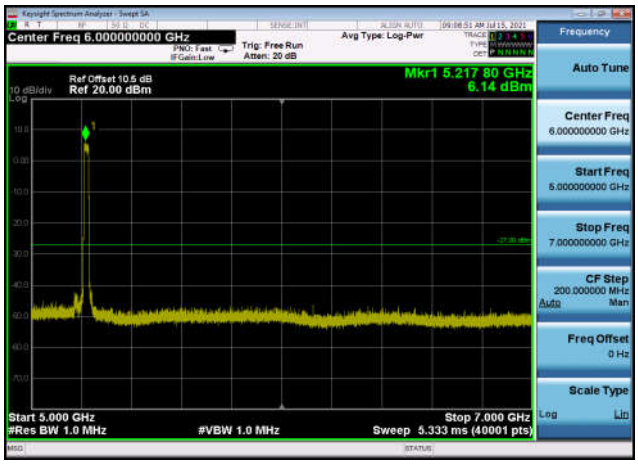
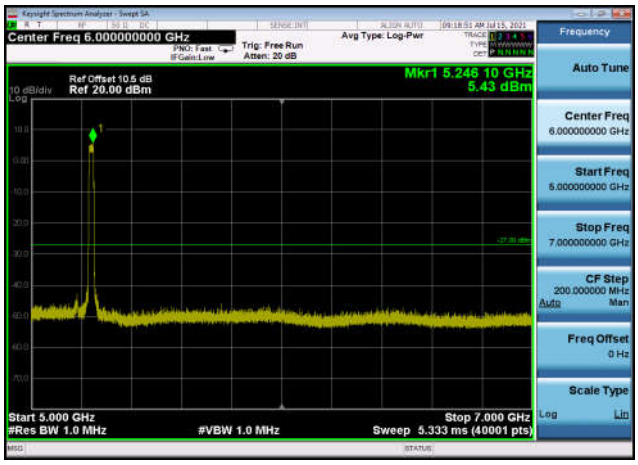
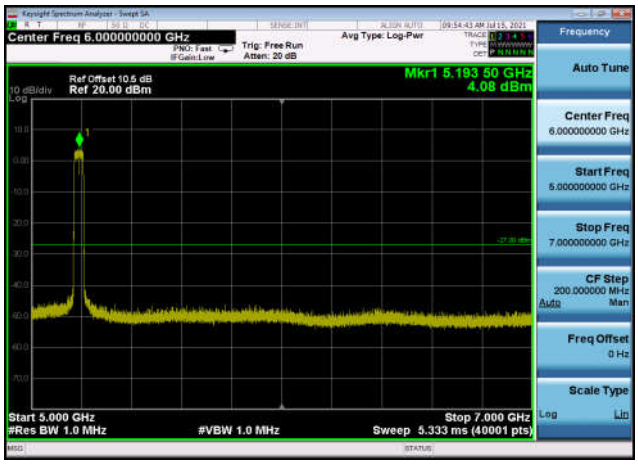
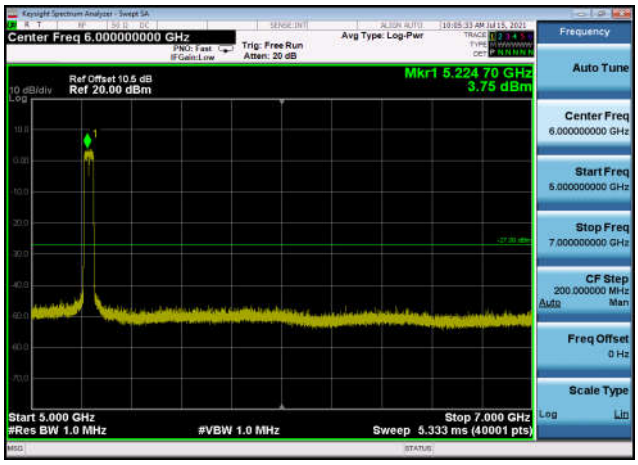
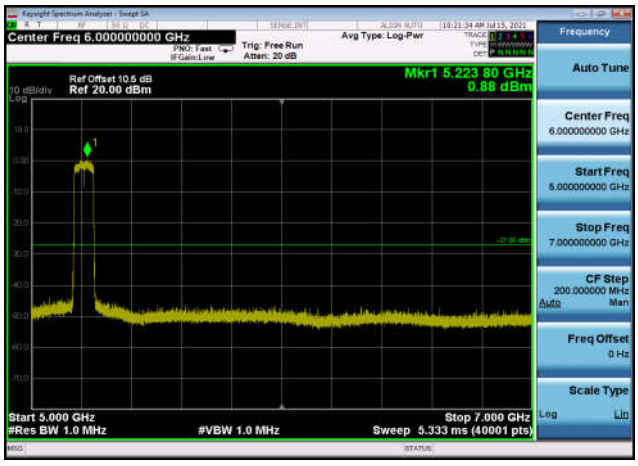
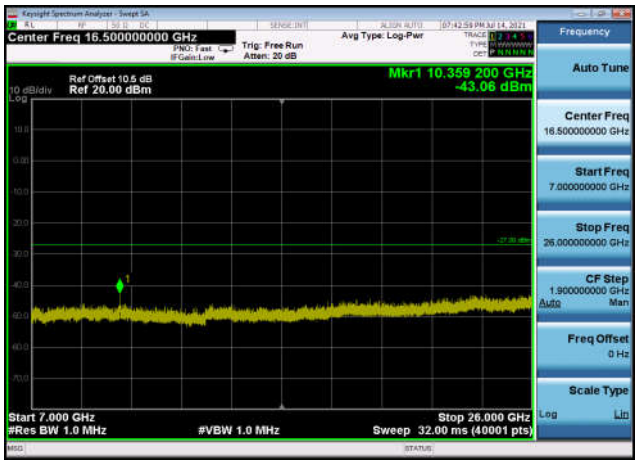
U-NII-1 ,Plot 1,Band Edge-802.11n(40MHz),5190MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11n(40MHz),5230MHz,Ant0
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(40MHz),5190MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(40MHz),5230MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(40MHz),5190MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(40MHz),5230MHz,Ant0
	

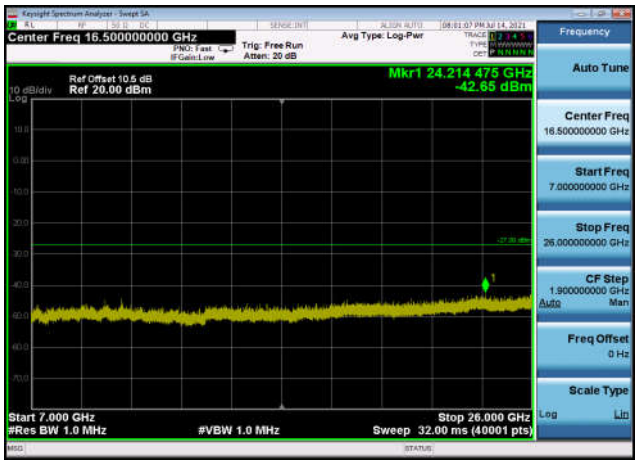
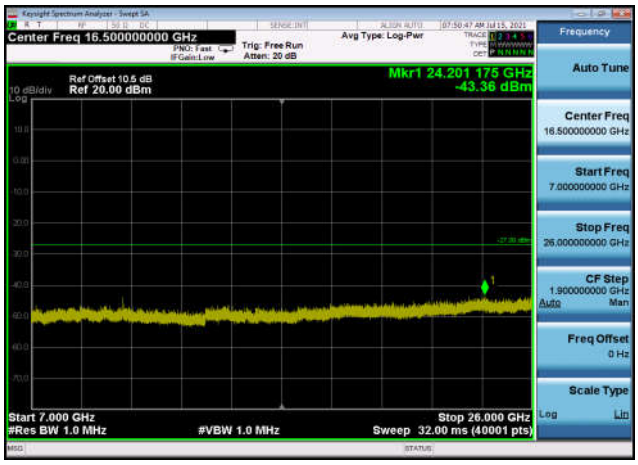
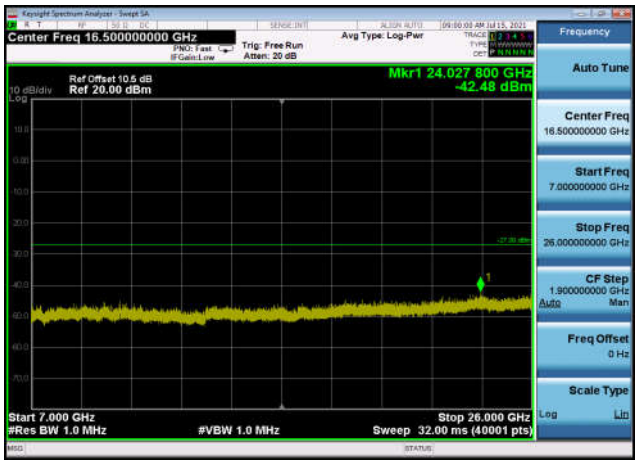
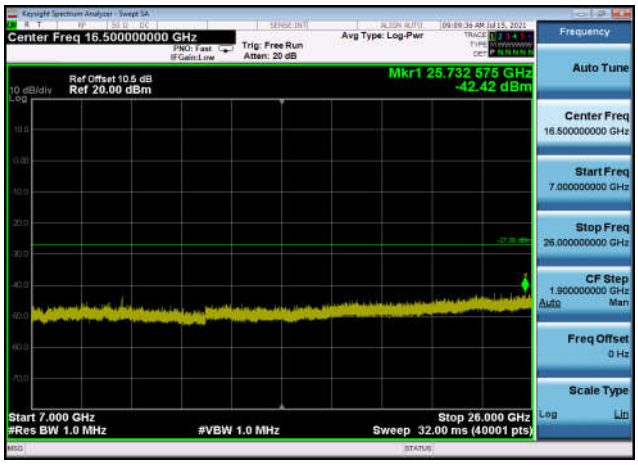
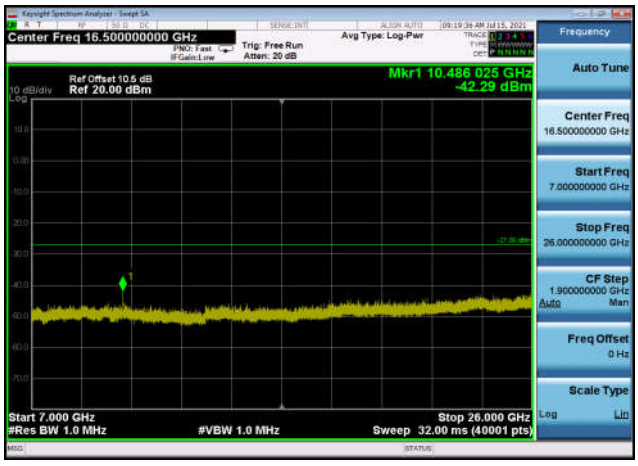
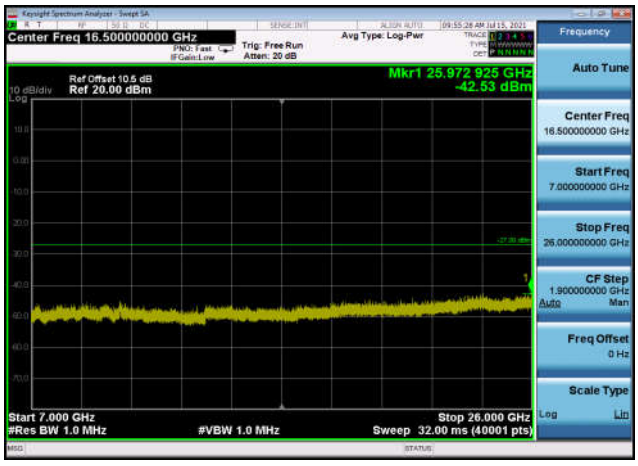
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(40MHz),5190MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(40MHz),5230MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11a(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11a(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11a(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11ac(20MHz),5180MHz,Ant0
	

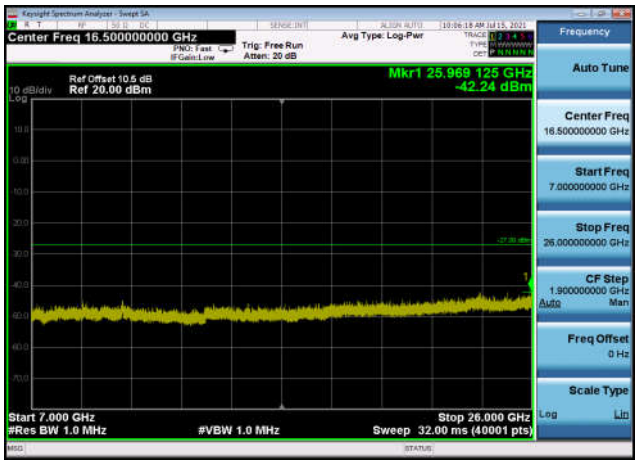
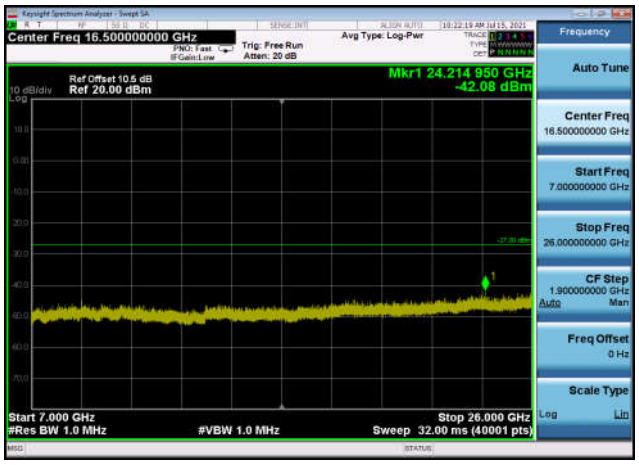
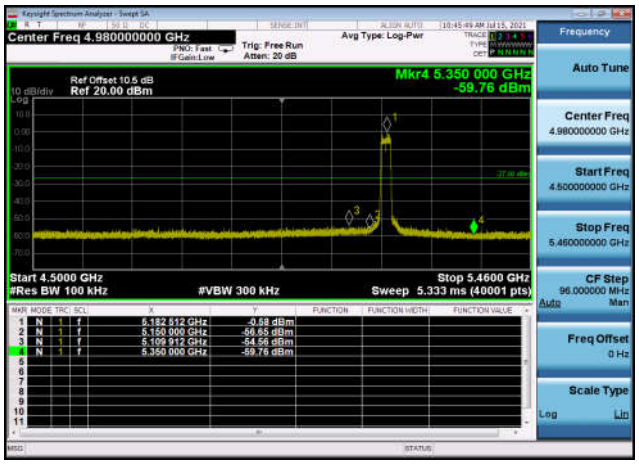
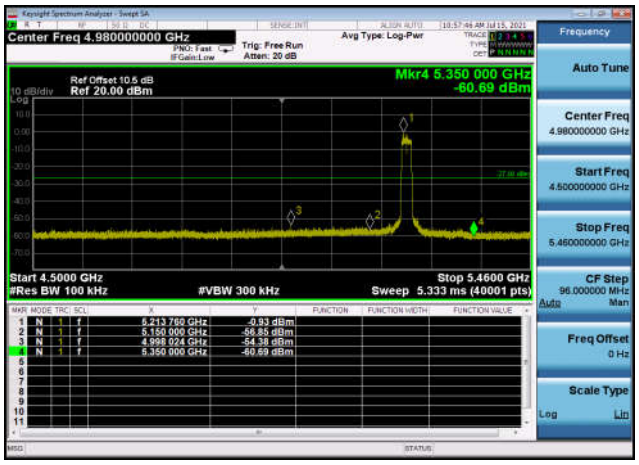
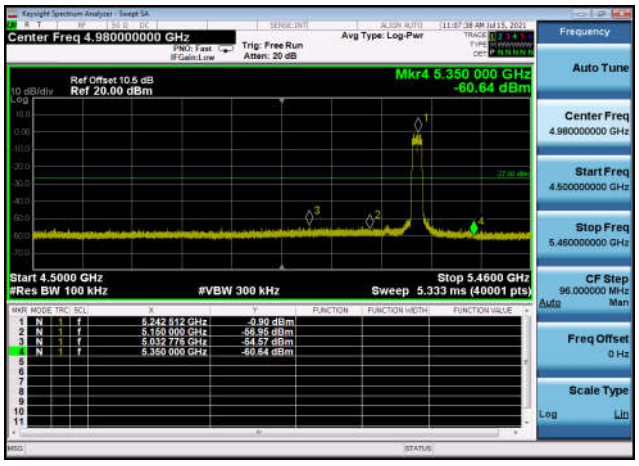
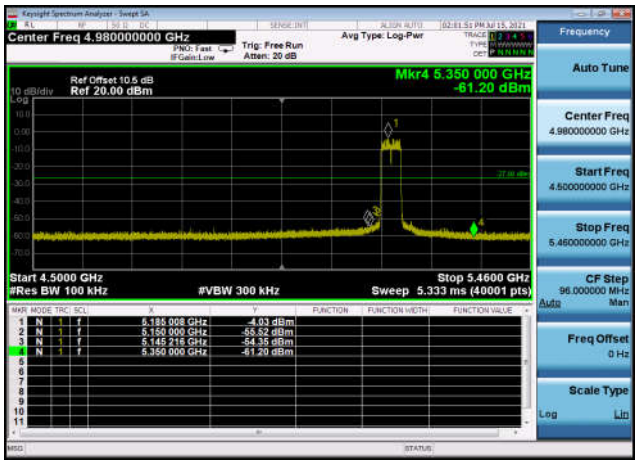
U-NII-1 ,Plot 1,Band Edge-802.11ac(20 MHz),5220MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11ac(20 MHz),5240MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11ac(40 MHz),5190MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11ac(40 MHz),5230MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11ac(80 MHz),5210MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a (20MHz),5180MHz,Ant0
	

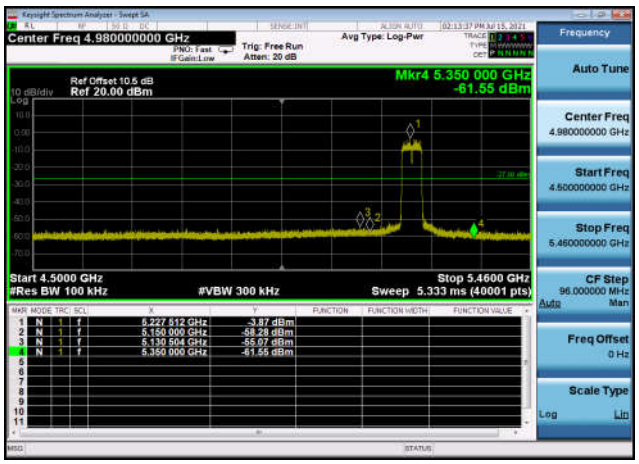
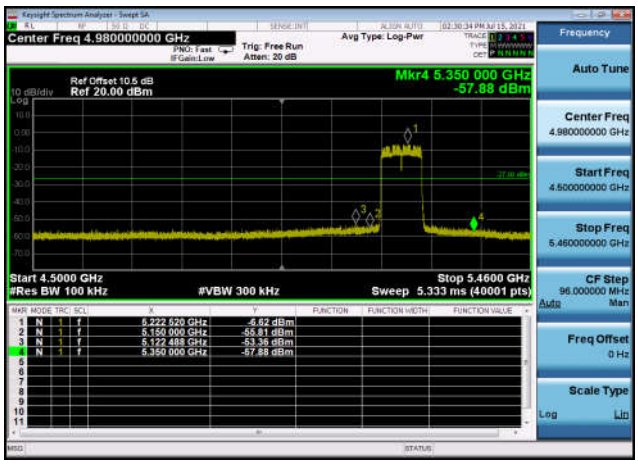
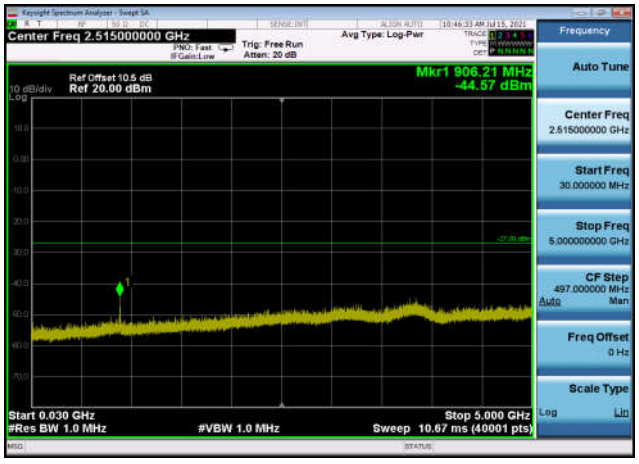
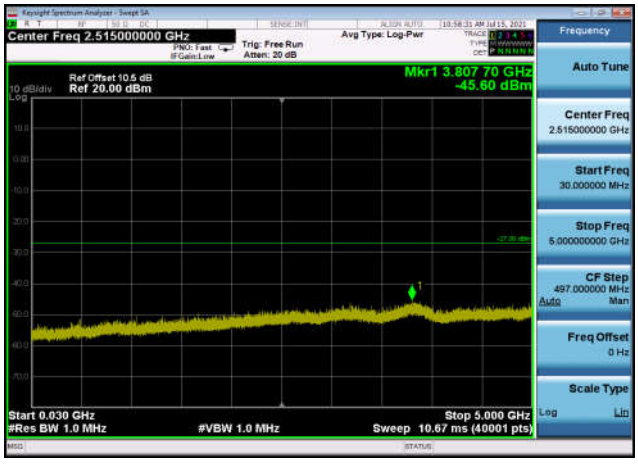
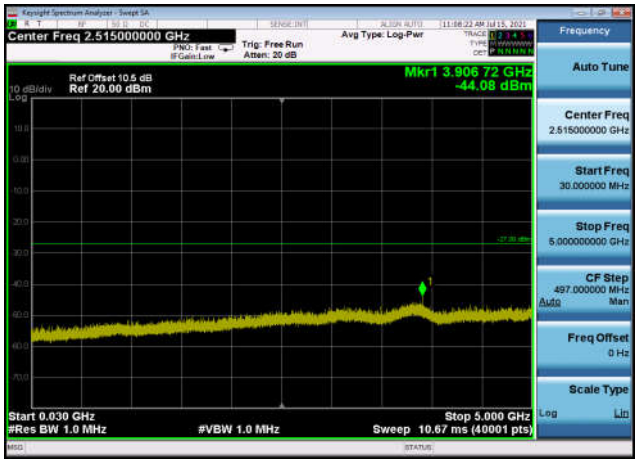
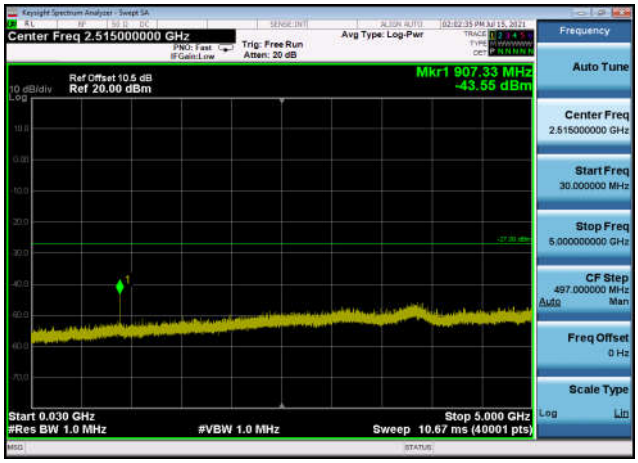
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a (20MHz),5220MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a (20MHz),5240MHz,Ant0
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a c(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a c(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a c(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a c(40MHz),5190MHz,Ant0
	

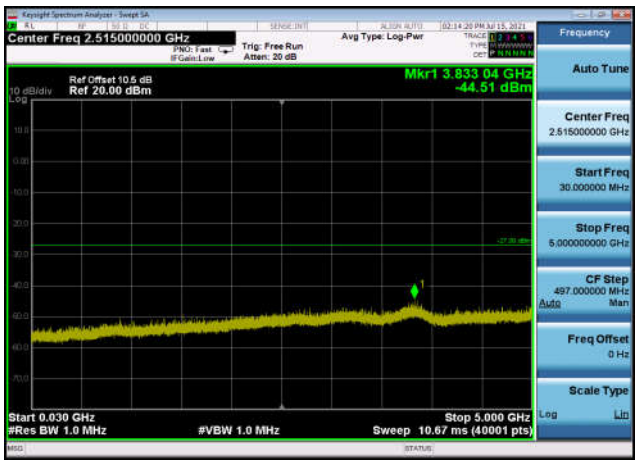
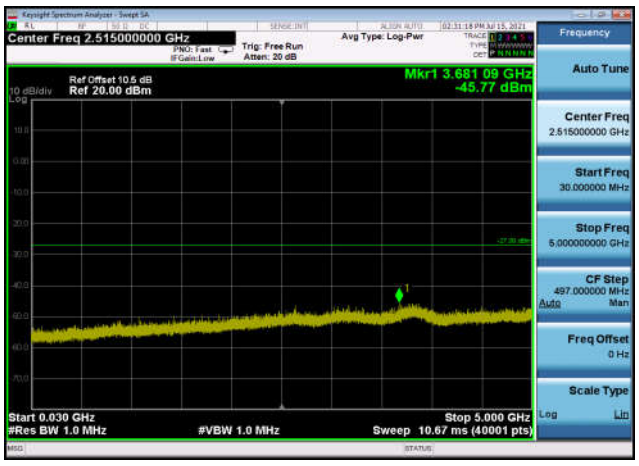
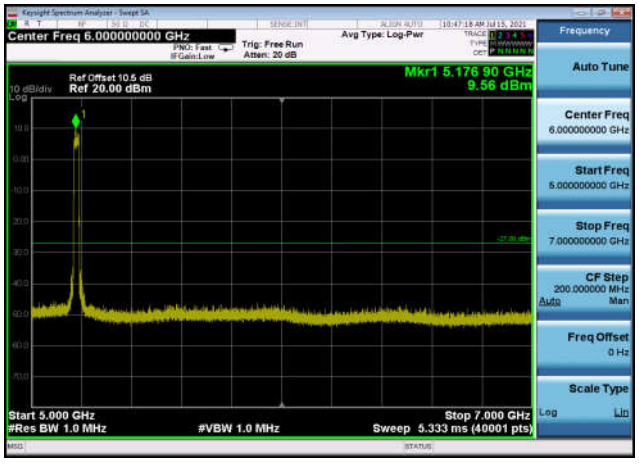
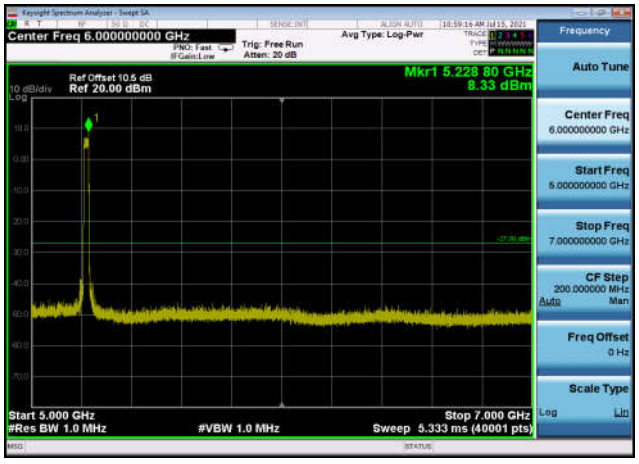
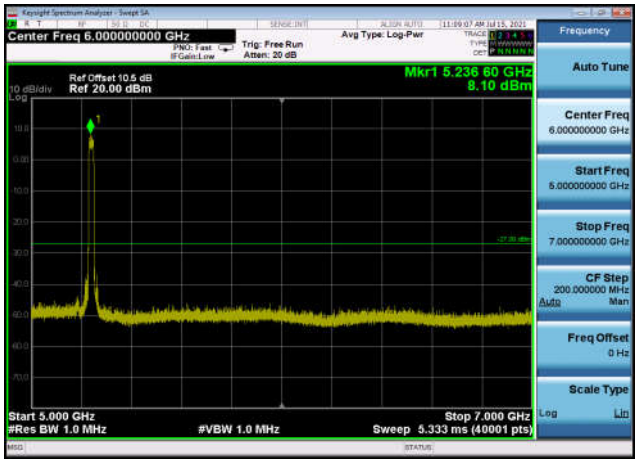
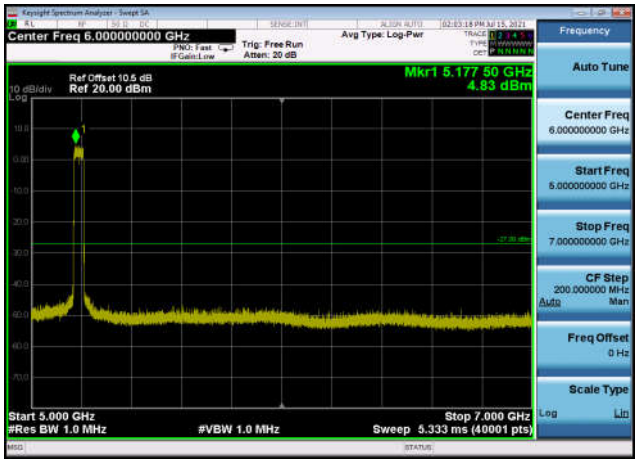
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11ac(40MHz),5230MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11ac(80MHz),5210MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11a(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11a(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11a(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ac(20MHz),5180MHz,Ant0
	

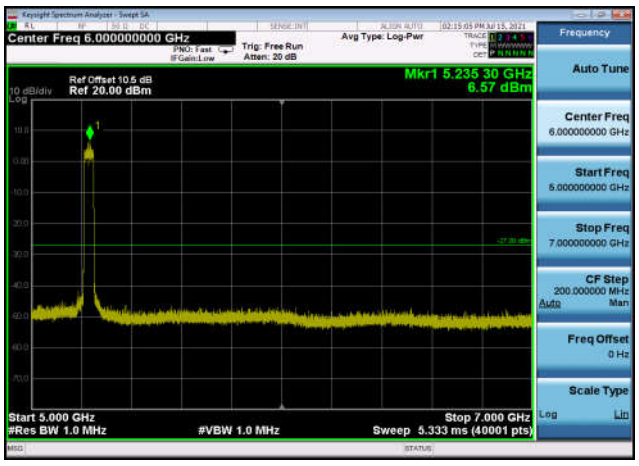
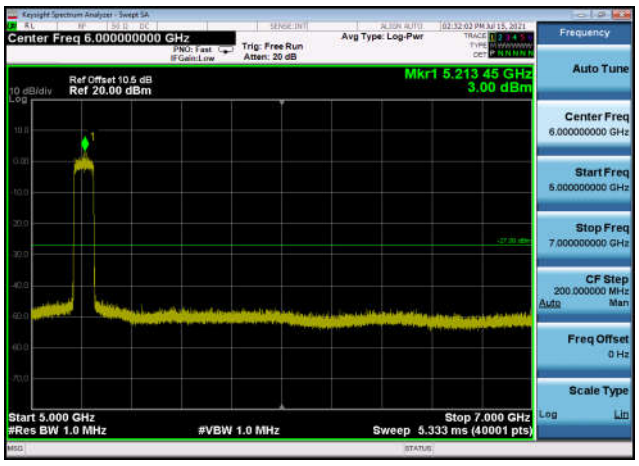
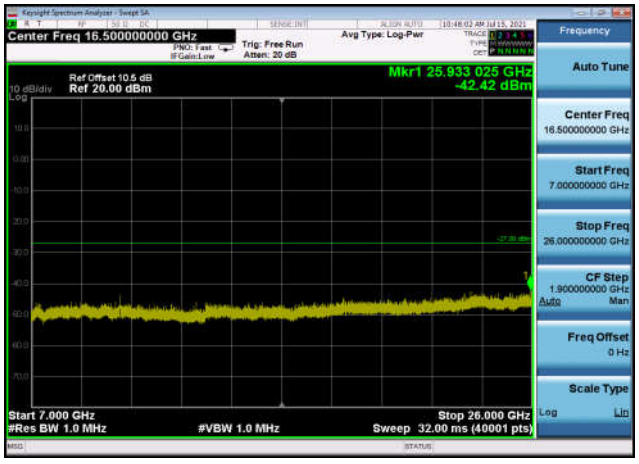
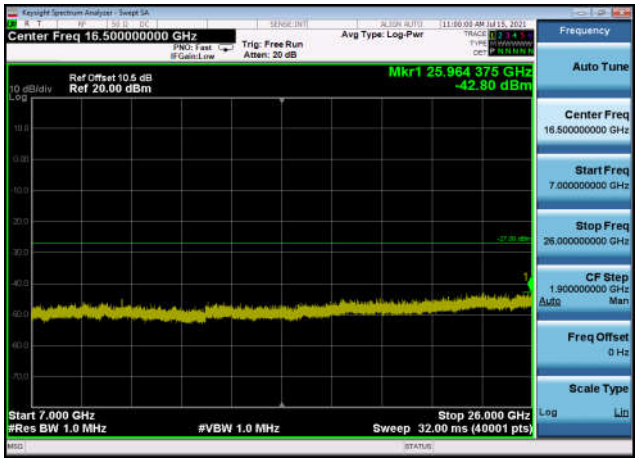
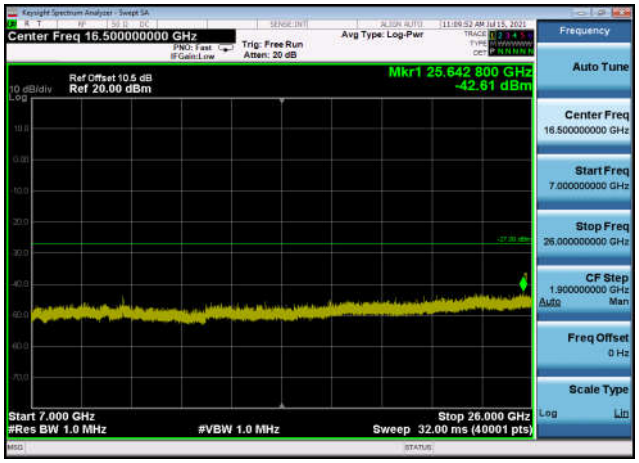
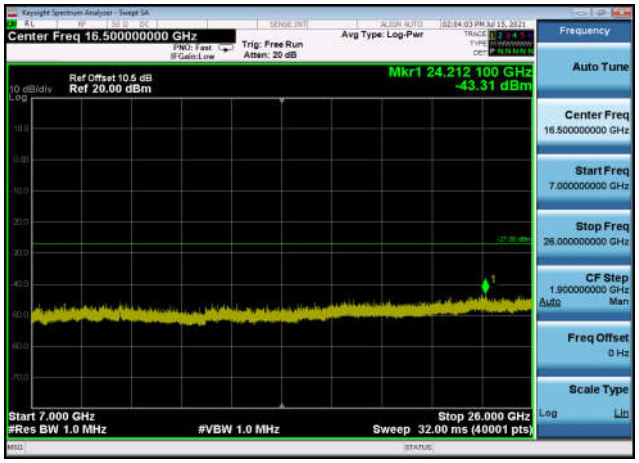
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ac(20MHz),5220MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ac(20MHz),5240MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ac(40MHz),5190MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ac(40MHz),5230MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ac(80MHz),5210MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11a(20MHz),5180MHz,Ant0
	

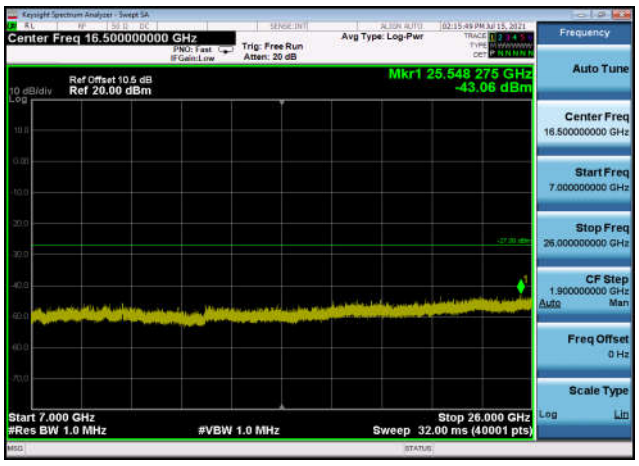
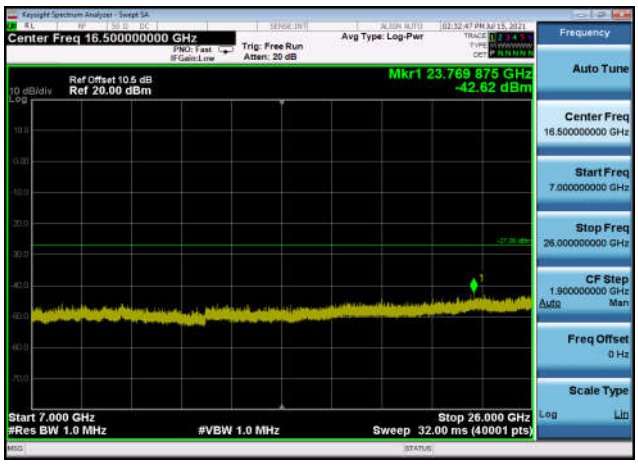
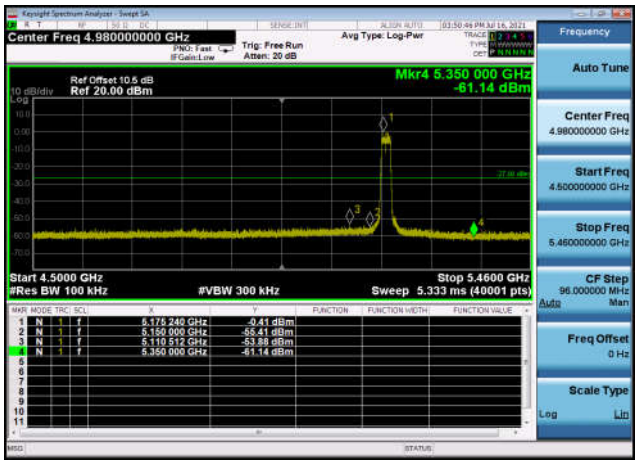
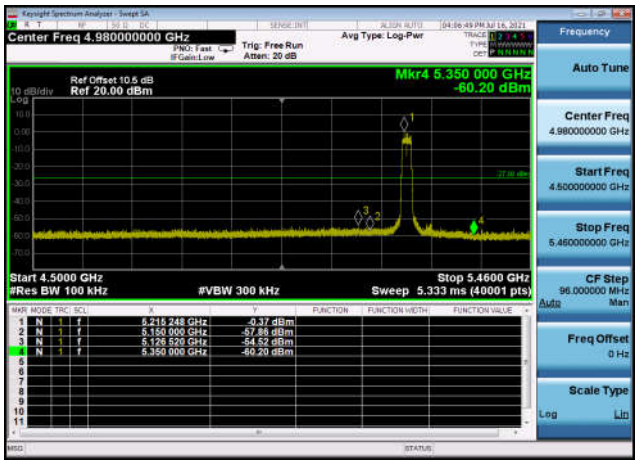
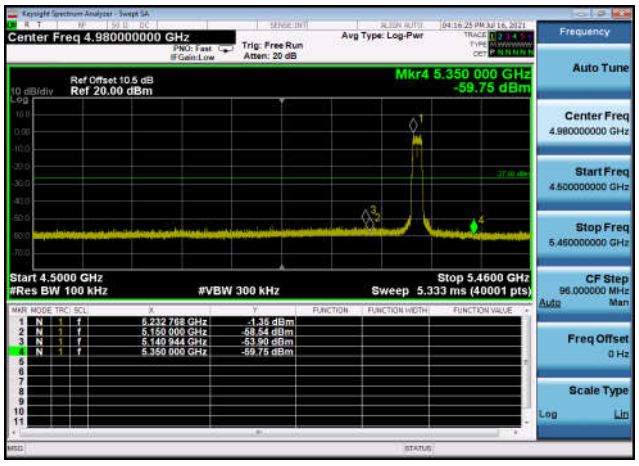
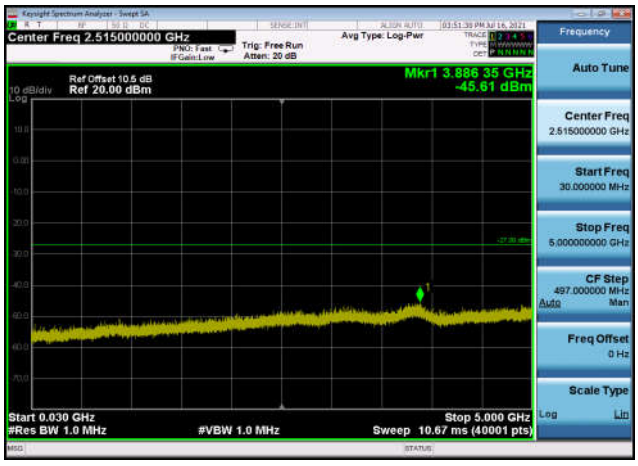
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11a(20MHz),5220MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11a(20MHz),5240MHz,Ant0
	
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ac(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ac(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ac(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ac(40MHz),5190MHz,Ant0
	

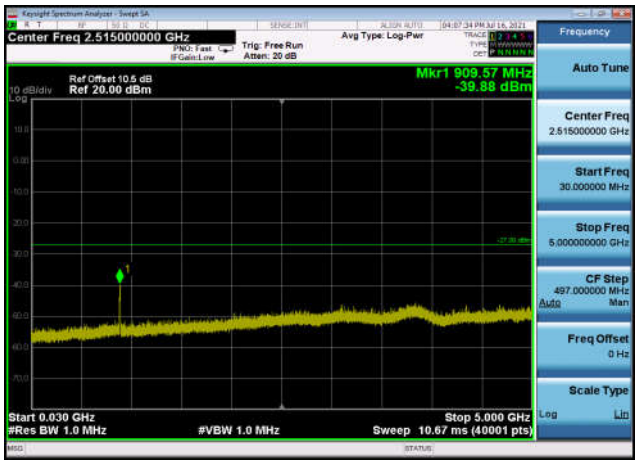
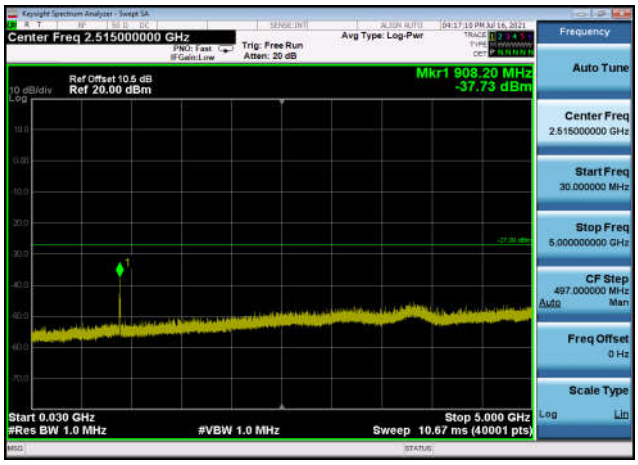
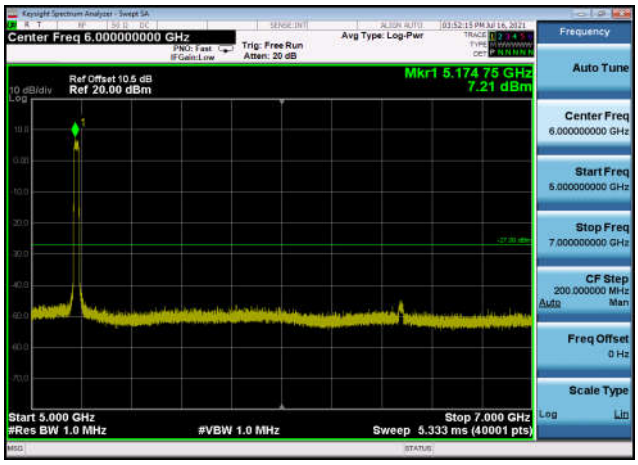
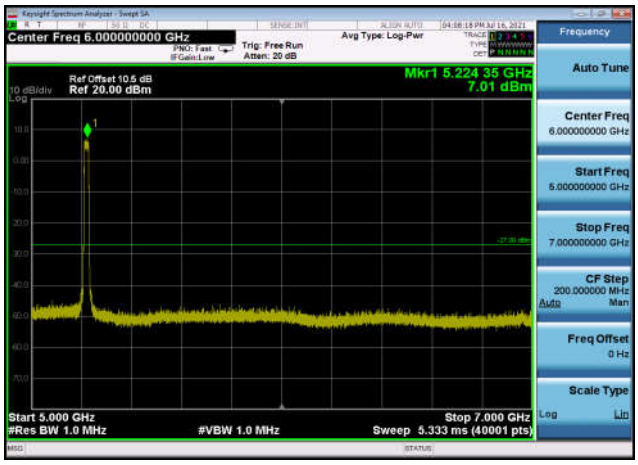
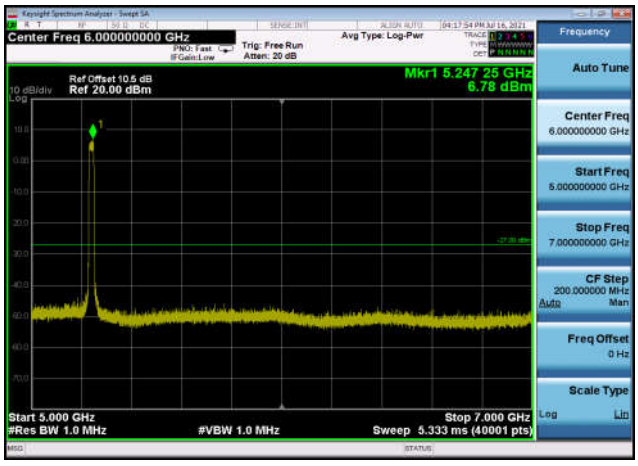
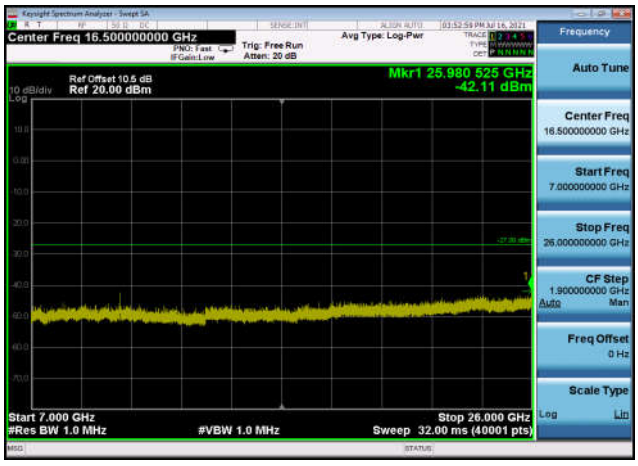
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ac(40MHz),5230MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ac(80MHz),5210MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11ax(20 MHz),5180MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11ax(20 MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11ax(20 MHz),5240MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11ax(40 MHz),5190MHz,Ant0
	

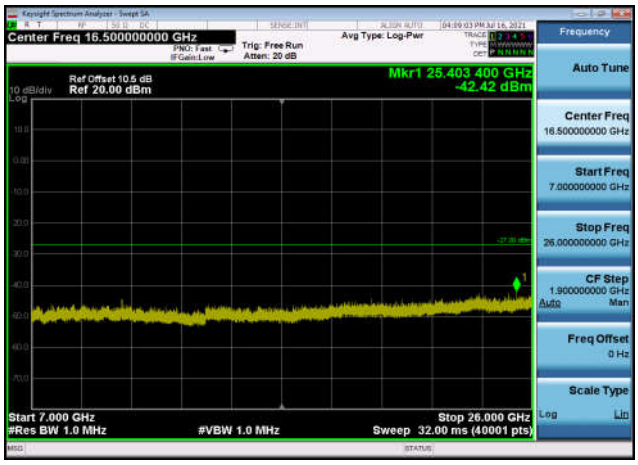
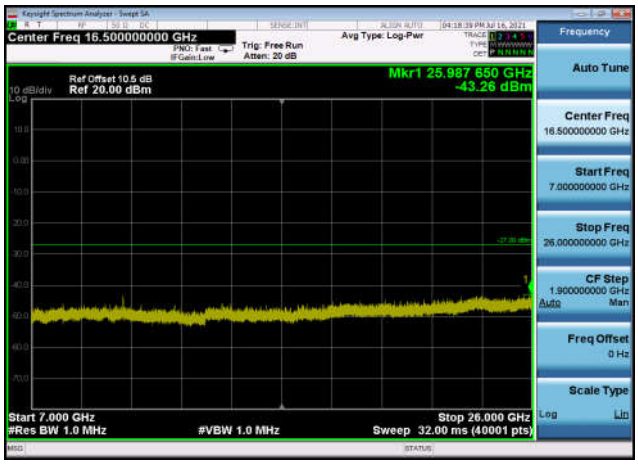
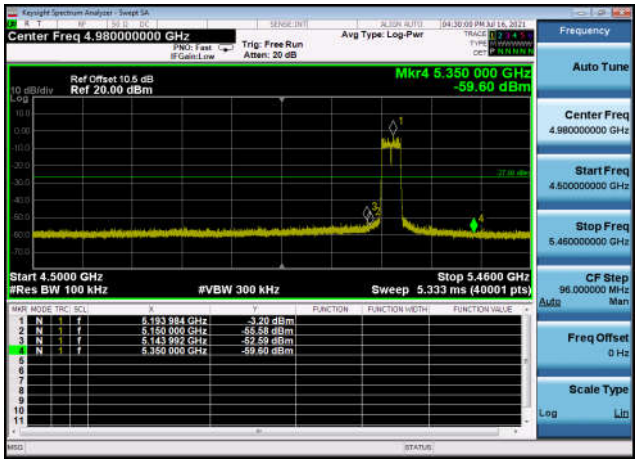
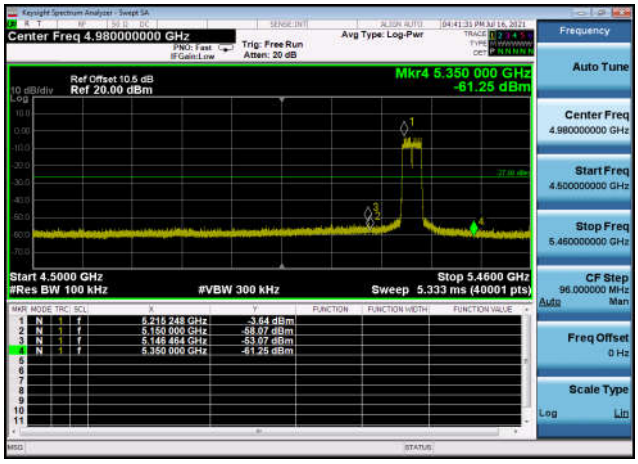
U-NII-1 ,Plot 1,Band Edge-802.11ax(40 MHz),5230MHz,Ant0	U-NII-1 ,Plot 1,Band Edge-802.11ax(80 MHz),5210MHz,Ant0
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a x(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a x(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a x(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a x(40MHz),5190MHz,Ant0
	

U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a x(40MHz),5230MHz,Ant0	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11a x(80MHz),5210MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ax(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ax(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ax(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ax(40MHz),5190MHz,Ant0
	

U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ax(40MHz),5230MHz,Ant0	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11ax(80MHz),5210MHz,Ant0
	
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ax(20MHz),5180MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ax(20MHz),5220MHz,Ant0
	
U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ax(20MHz),5240MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ax(40MHz),5190MHz,Ant0
	

U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ax(40MHz),5230MHz,Ant0	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11ax(80MHz),5210MHz,Ant0
	
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5180MHz,Ant1	U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5220MHz,Ant1
	
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5240MHz,Ant1	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(20MHz),5180MHz,Ant1
	

U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n (20MHz),5220MHz,Ant1	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n (20MHz),5240MHz,Ant1
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(20MHz),5180MHz,Ant1	U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(20MHz),5220MHz,Ant1
	
U-NII-1 ,Plot 3,5000MHz~7000MHz-802.11n(20MHz),5240MHz,Ant1	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(20MHz),5180MHz,Ant1
	

U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(20MHz),5220MHz,Ant1	U-NII-1 ,Plot 4,7000MHz~26000MHz-802.11n(20MHz),5240MHz,Ant1
	
U-NII-1 ,Plot 1,Band Edge-802.11n(40MHz),5190MHz,Ant1	U-NII-1 ,Plot 1,Band Edge-802.11n(40MHz),5230MHz,Ant1
	
U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(40MHz),5190MHz,Ant1	U-NII-1 ,Plot 2,30MHz~5000MHz-802.11n(40MHz),5230MHz,Ant1