RF TEST REPORT

Report No.:	SET2022-08338
Product Name:	Sleeptracker-AI® Sleep Monitoring System
Model No. :	STS-60
FCC ID:	2AF2O-STS60
IC:	20700-STS60
Applicant:	Fullpower Technologies, Inc
Address：	1200 Pacific Ave, Suite 300, Santa Cruz，CA 95060, USA
Dates of Testing:	2022.05.23-2022.07.01
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.....:	Sleeptracker-AI® Sleep Monitoring System
Brand Name.....:	N/A
Trade Name.....:	N/A
Applicant.....:	Fullpower Technologies, Inc
Applicant Address.....:	1200 Pacific Ave, Suite 300, Santa Cruz，CA 95060, USA
Manufacturer.....:	Trivo (Taicang) Technologies Co., Ltd
Manufacturer Address .....:	Building 9, Yusheng Industry Park, No.33 North Changsheng Road, Taicang, Jiangsu, China
Test Standards.....:	47 CFR Part 15 Subpart E 15.407 ANSI C63.10-2013 RSS-Gen Issue 5, Feb 2021 RSS-247 Issue 2, Feb 2017
Test Result .....:	PASS

Tested by .....: 2022.08.01

Chuiwang Zhang, Test Engineer

Reviewed by .....: 2022.08.01

Chris You, Senior Engineer

Approved by .....: 2022.08.01

ShuangwenZhang, Manager

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Change History		
Issue	Date	Reason for change
1.0	2022.08.01	First edition

1. General Information

1.1. EUT Description

Product Name	Sleeptracker-AI® Sleep Monitoring System
EUT supports Radios application	WLAN5.0GHz 802.11a/n (HT20/40)/ac(VHT20/40/80)
Modulation Type	CCK, DQPSK, DBPSK for DSSS 256QAM, 64QAM,16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 802.11ac mode only
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n : up to 150 Mbps 802.11ac: up to 433.33 Mbps
Frequency Range	Band UNII-1: 5150 ~ 5250MHz Band UNII-2a: 5250 ~ 5350MHz Band UNII-2c: 5470 ~ 5725MHz Band UNII-3: 5725 ~ 5850MHz
Channel Bandwidth	802.11a: 20MHz 802.11n: 20MHz/40MHz 802.11ac: 20MHz/40MHz/80MHz
Channel Number	Band UNII-1& Band UNII-2a: 4 for 802.11a, 802.11n(HT20), 802.11ac(VHT20) 2 for 802.11n(HT40), 802.11ac(VHT40) 1 for 802.11ac(VHT80) Band UNII-2c: 11 for 802.11a, 802.11n(HT20), 802.11ac(VHT20) 5 for 802.11n(HT40), 802.11ac(VHT40) 2 for 802.11ac(VHT80) Band UNII-3: 5 for 802.11a, 802.11n(HT20), 802.11ac(VHT20) 2 for 802.11n(HT40), 802.11ac(VHT40) 1 for 802.11ac(VHT80)
Antenna Type	PCB Antenna
Antenna Gain	-2.2dBi
Output Power (Max.)	Band UNII-1: 12.42dBm Band UNII-2a: 10.54dBm Band UNII-2c: 14.19dBm Band UNII-3: 10.43dBm
Power supply	DC 5V from Adapter

Note: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.

1.2. Test Standards and Results

The purpose of the report is to conduct testing according to the following FCC/IC certification standards:

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E §15.407	Radio Frequency Devices
2	KDB789033 D02 General UNII Test Procedures New Rules v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB 662911 D01 Multiple Transmitter Output v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
5	RSS-Gen Issue 5, Feb 2021	General Requirements for Compliance of Radio Apparatus
6	RSS-247 Issue 2, Feb 2017	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

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

No.	FCC Rule	IC Rule	Description	Result
1	15.203 15.407(a)	RSS-GEN, 6.8	Antenna Requirement	PASS
2	15.407(a)(1)(iv) 15.407 (a)(2) 15.407(a)(3)(i)	RSS-247, 6.2.1.1 RSS-247, 6.2.2.1 RSS-247, 6.2.3.1 RSS-247, 6.2.4.1	Maximum Conducted Output Power	PASS
3	15.407(a)(12)	RSS-GEN, 6.7	26dB Emission Bandwidth 99% Occupied Bandwidth	PASS
4	15.407(e)	RSS-247, 6.2.4.1	6dB Emission Bandwidth	PASS
5	15.407(a)(1)(iv) 15.407 (a)(2) 15.407(a)(3)(i)	RSS-247, 6.2.1.1 RSS-247, 6.2.2.1 RSS-247, 6.2.3.1 RSS-247, 6.2.4.1	Power spectral density (PSD)	PASS
6	15.207	RSS-GEN, 8.8	AC Power Line Conducted Emission	PASS
7	15.205 15.209 15.407(b)(1) 15.407(b)(2) 15.407(b)(3) 15.407(b)(4)	RSS-GEN, 6.13 RSS-GEN, 8.10 RSS-247, 6.2.1.2 RSS-247, 6.2.2.2 RSS-247, 6.2.3.2 RSS-247, 6.2.4.2	Radiated Band Edges and Spurious Emission	PASS
8	15.407(g)	RSS-248, 4.5 RSS-GEN, 6.11	Frequency Stability	PASS

1.3. Channel List

Operated band in 5150 MHz ~ 5250MHz

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

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

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

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel are provided for 802.11ac-VHT80

Channel	Frequency	Channel	Frequency
42	5210 MHz	/	/

Operated band in 5250 MHz ~ 5350MHz

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

Channel	Frequency	Channel	Frequency
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

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

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel are provided for 802.11ac-VHT80

Channel	Frequency	Channel	Frequency
58	5290 MHz	/	/

Operated band in 5470 MHz ~ 5725MHz

11 channels are provided for 802.11a, 802.11n-HT20, and 802.11ac-VHT20

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	/	/

5 channels are provided for 802.11n-HT40 and 802.11ac-VHT40

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	/	/

2 channel are provided for 802.11ac-VHT80

Channel	Frequency	Channel	Frequency
106	5530 MHz	122	5610

Operated band in 5725 MHz ~ 5850MHz

5 channels are provided for 802.11a, 802.11n-HT20 and 802.11ac-VHT20

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 and 802.11ac-VHT40

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel are provided for 802.11ac-VHT80

Channel	Frequency	Channel	Frequency
155	5775 MHz	/	/

1.4. Test environment and mode

Operating Environment	
Temperature	15℃ - 35℃
Humidity	30% -60%
Atmospheric Pressure	86KPa-106KPa
Test mode：	
Continuously transmitting mode	Keeps the EUT in 100% duty cycle transmitting with modulation in SISO, 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				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5180	5220	5240	6 Mbps
802.11n-HT20/ac-VHT20				MCS 0
802.11n-HT40/ac-VHT40	5190	/	5230	MCS 0
802.11ac-VHT80	5210	/	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

For Frequency band 5250 ~ 5350 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5260	5300	5320	6 Mbps
802.11n-HT20/ac-VHT20				MCS 0
802.11n-HT40/ac-VHT40	5270	/	5310	MCS 0
802.11ac-VHT80	5290	/	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

For Frequency band 5470 ~ 5725 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5500	5600	5700	6 Mbps
802.11n-HT20/ac-VHT20				MCS 0
802.11n-HT40/ac-VHT40	5510	5590	5670	MCS 0
802.11ac-VHT80	5530	/	5610	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

For Frequency band 5725 ~ 5850 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5745	5785	5825	6 Mbps
802.11n-HT20/ac-VHT20				MCS 0
802.11n-HT40/ac-VHT40	5755	/	5795	MCS 0
802.11ac-VHT80	5775	/	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

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 7	TX Mode
For Radiated Test	
Final Test Mode	Description
Mode 1	TX 802.11a SISO Mode
Mode 2	TX 802.11n-HT20 SISO Mode
Mode 3	TX 802.11n-HT40 SISO Mode
Mode 4	TX 802.11ac-VHT20 SISO Mode
Mode 5	TX 802.11ac-VHT40 SISO Mode
Mode 6	TX 802.11ac-VHT80 SISO Mode
Mode 7	TX Mode

1.5. Table for Supporting Units

No.	Equipment	Brand Name	Model Name	Manufacturer	Serial No.	Note
1	Laptop	HP	TPN-Q221	HP	5CD14347QB	FCC DOC

1.6. EUT Operation Test Setup

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

1.7. Laboratory Facilities

FCC-Registration No.: 406086

CCIC Southern Testing Co., Ltd EMC Laboratory has been registered and fully described in a report 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

CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A-1 on Aug. 04, 2016, valid time is until Jun. 30th, 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.

According to FCC 15.407(a)(1): For client devices in the 5.15-5.25 GHz band, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to FCC 15.407(a)(2): For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to FCC 15.407(a)(3): For the band 5.725-5.850 GHz, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to RSS GEN 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 Information

Antenna Category: PCB Antenna

The PCB antenna is directly connected to the EUT's antenna port and cannot be removed.

Antenna General Information:

No.	EUT	Operating frequency range	Ant. Type	Number of antennas	Ant. Gain
1	Sleeptracker-AI® Sleep Monitoring System	UNII-1, UNII-2a, UNII-2c, UNII-3	PCB	1	-2.2dBi

2.1.3. Result: comply

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

2.2. Maximum Conducted Output Power

2.2.1. Limit of Output Power

FCC Part 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:

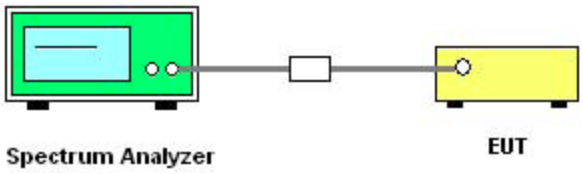
The maximum conducted output power should not exceed:

Band	EUT Category	Limit
U-NII-1	☐For OEM devices installed in vehicles	Max. e.i.r.p ≤ 30mW(14.77dBm) or $1.76+10\log_{10}B$* Whichever is less.
	☒For other devices	Max. e.i.r.p ≤ 200mW(23dBm) or $10+10\log_{10}B$* Whichever is less.
U-NII-2A U-NII-2C	☐For OEM devices installed in vehicles	Max. e.i.r.p ≤ 30mW(14.77dBm) or $1.76+10\log_{10}B$* Whichever is less.(U-NII-2A only)
	☒For other devices	Max. Cop ≤ 250mW(24Bm) or $11+10\log_{10}B$* Whichever is less. Max. e.i.r.p ≤ 1W(30Bm) or $17+10\log_{10}B$* Whichever is less.
U-NII-3	☒	1 Watt (30 dBm)
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. 26dB Emission Bandwidth and 99% Occupied Bandwidth

2.3.1. Limit of 26dB Emission Bandwidth and 99% Occupied Bandwidth

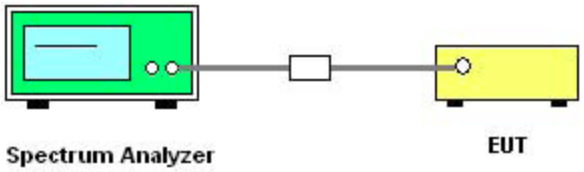
26dB Emission Bandwidth and 99% Occupied Bandwidth no Bandwidth limit.

The minimum 6dB bandwidth of U-NII-3 shall be at least 500 kHz.

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 of KDB 789033 D02 v02r01 Section II.C.D and ANSI C63.10-2013 Section 12.4.
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. Use the spectrum analyzer “Channel Bandwidth” function to easurement the 26dB EBW, 6dB EBW and 99% OBW.
4. Set center frequency to the nominal EUT channel center frequency.
5. Set span = 1.5 times to 5.0 times the OBW or EBW.
6. For 26dB EBW and 99% OBW Measurement:
   Set RBW = approximately 1% EBW or 1.5 times to 5.0 times the OBW, VBW $\geq 3 \times$ RBW.
7. For 6dB EBW Measurement:
   Set RBW =100kHz, VBW $\geq 3 \times$ RBW.
8. Set Detector = Peak, Trace mode = max hold and Sweep time = auto couple.
9. Allow the trace to stabilize.
10. Replace the EUT center frequency and repeat steps 3~9.

2.3.5. Test Results of 26dB Emission Bandwidth and 99% Occupied Bandwidth

Please refer to APPENDIX A for detail

2.4. Power spectral density (PSD)

2.4.1. Limit of Power Spectral Density

FCC Part 15.407(a)

The maximum power spectral density should not exceed:

Band	EUT Category	Limit
U-NII-1	☐Outdoor Access Point	17 dBm/MHz
	☐Fixed point-to-point Access device	
	☐Indoor Access Point	
	☒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:

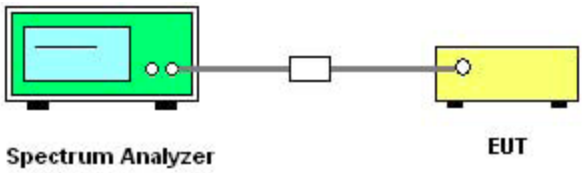
The maximum power spectral density should not exceed:

Band	EUT Category	Limit
U-NII-1	☒Mobile and portable client device	10 dBm/MHz (EIRP)
U-NII-2A	☒	11 dBm/MHz
U-NII-2C	☒	11 dBm/MHz
U-NII-3	☒	30dBm/500kHz

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. The testing follows the of KDB 789033 D02 v02r01 Section II.F and ANSI C63.10-2013 Section 12.5.
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 span to encompass the entire 99% OBW of the signal.
4. For U-NII-1, U-NII-2a, U-NII-2c Band: Set RBW = 1MHz, VBW ≥ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
5. For U-NII-3 Band: Set RBW = 500kHz, VBW ≥ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
6. Number of points in sweep ≥ 2 × span / RBW.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Use the peak search function on the instrument to find the peak of the spectrum.
9. Replace the EUT center frequency and repeat steps 3~8.

2.4.5. Test Results of Power spectral density

Please refer to APPENDIX A for detail

2.5. Frequency Stability

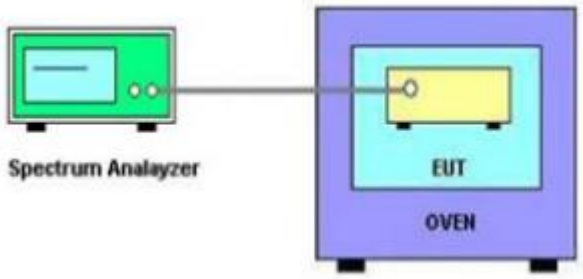
2.5.1. Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

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 testing follows the of KDB 789033 D02 v02r01 Section II.A.3 and ANSI C63.10-2013 Section 6.8.
2. The EUT is installed in an environment test chamber with external power source, 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. Set the chamber to operate at 50 ℃ 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 -30 ℃ to 50 ℃ and 85% to 115% of the nominal voltage. Change setting of chamber and external power source to complete all conditions.
7. Replace the EUT center frequency and repeat steps 3~6.

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

FCC Part 15.407(b)			
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
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) EIRP[dBm] = E[dBμV/m] + 20 log (d[m]) - 104.77, d is the measurement distance in m. (2) E[dBμV/m] = EIRP[dBm] + 95.2=68.2 dBuV/m, for EIPR[dBm] = -27dBm. E[dBμV/m] = EIRP[dBm] + 95.2=105.2 dBuV/m, for EIPR[dBm] = 10dBm. E[dBμV/m] = EIRP[dBm] + 95.2=110.8 dBuV/m, for EIPR[dBm] = 15.6dBm. E[dBμV/m] = EIRP[dBm] + 95.2=122.2 dBuV/m, for EIPR[dBm] = 27dBm.			

Applicable To	Limit	
KDB 789033 D02 General UNII Test Procedures New Rules v02r01	Field Strength at 3m	
	PK: 68.2(dBμV/m)	AV: 54 (dBμV/m)

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

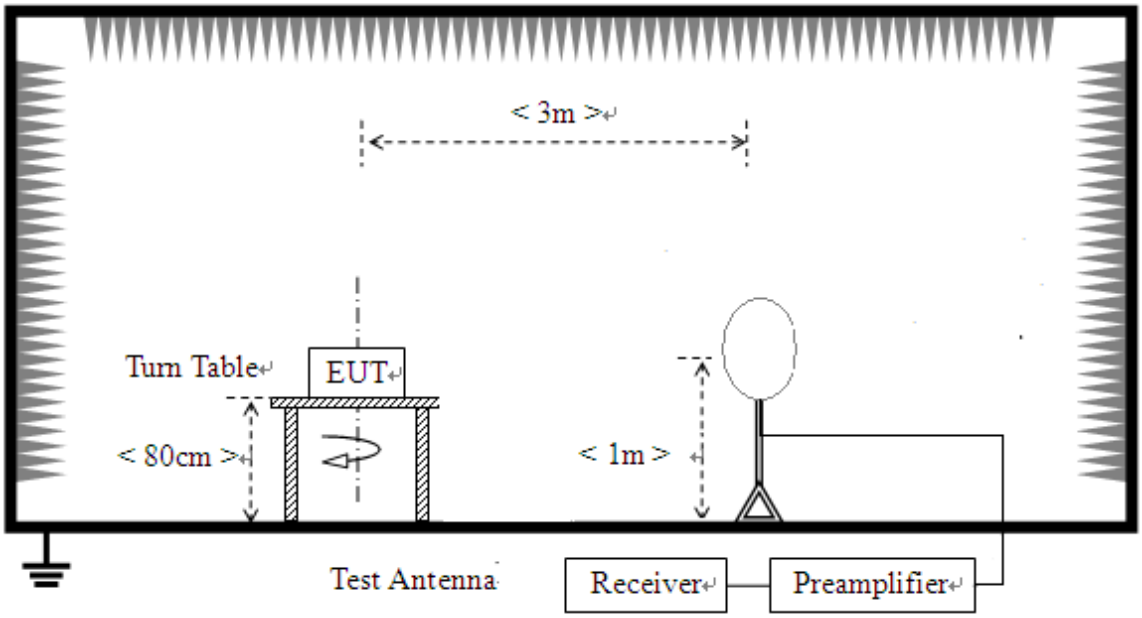
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41	/	/	/
Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. [2]Above 38.6.			

2.6.2. Measuring Instruments

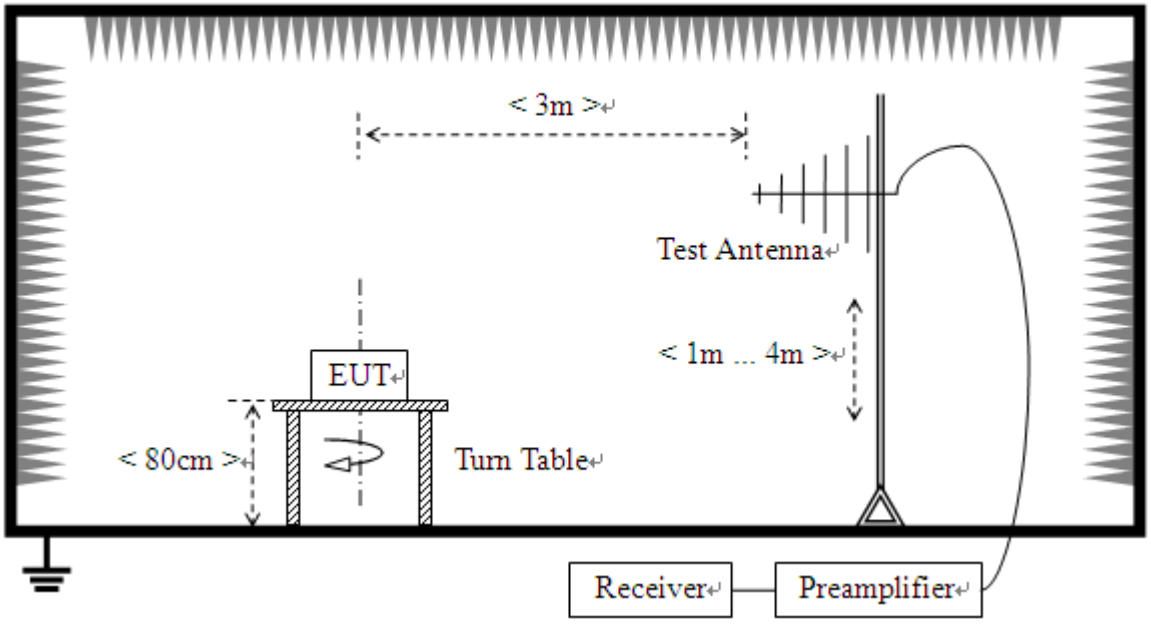
The measuring equipment is listed in the section 3 of this test report.

2.6.3. Test Setup

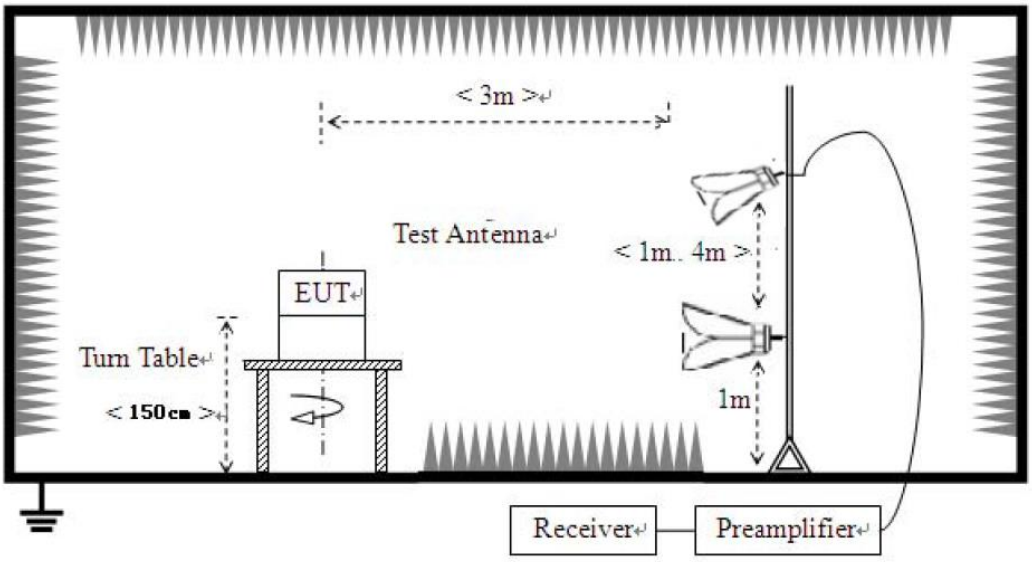
For radiated emissions from 9 KHz to 30 MHz



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:

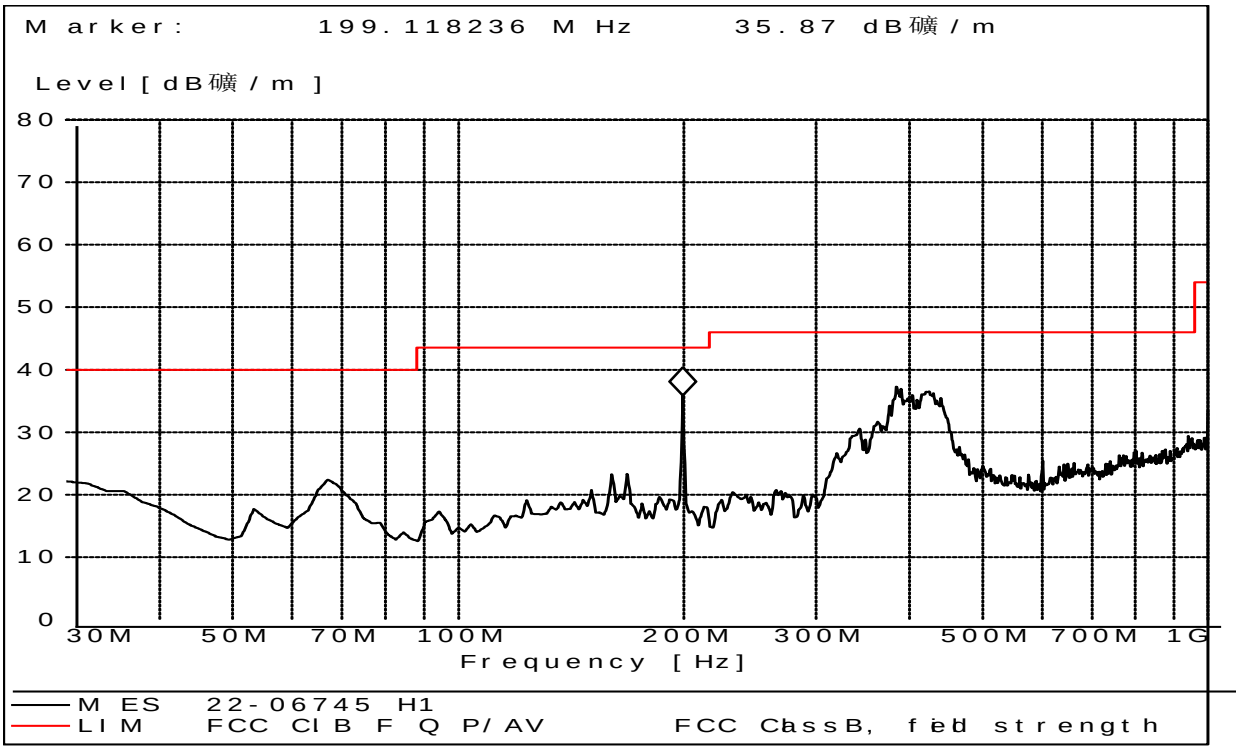
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
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, 802.11a (20MHz) 5700MHz for Below 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

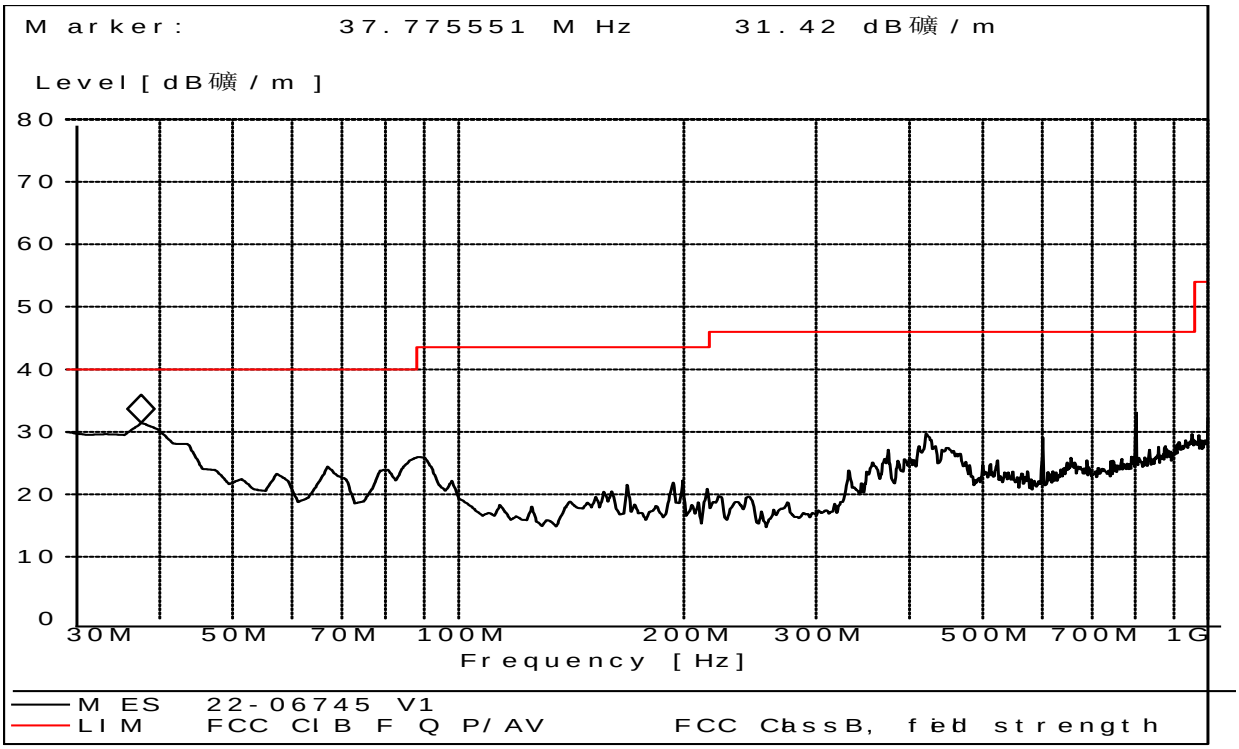


Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Corr.Factor (dB/m)	Antenna height (cm)	Limit (dBµV/m)	Margin (dB)	Polarity
30.000000	21.56	120.000	19.3	100.0	40.0	18.44	Horizontal
65.820000	21.57	120.000	6.1	100.0	40.0	18.43	Horizontal
168.650000	22.29	120.000	12.5	100.0	43.5	21.21	Horizontal
199.085000	34.86	120.000	10.0	100.0	43.5	8.64	Horizontal
338.650000	36.57	120.000	15.7	100.0	46.0	9.43	Horizontal
422.650000	35.10	120.000	17.9	100.0	46.0	10.90	Horizontal

Test Result : Pass

Remark:

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. Margin value = Limit value – Emission Level.
4. The other emission levels were very low against the limit.
5. All of the EUT Configure Mode were tested and found UNII-1 802.11a-5180MHz mode is the worst mode, the worst case is recorded in this report.



Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Corr.Factor (dB/m)	Antenna height (cm)	Limit (dBµV/m)	Margin (dB)	Polarity
30.000000	27.65	120.000	19.3	10 .0	40.0	12.35	Vertical
36.280000	30.14	120.000	16.7	100.0	40.0	9.86	Vertical
98.650000	27.56	120.000	9.9	100.0	43.5	15.94	Vertical
168.560000	21.02	120.000	12.5	100.0	43.5	22.48	Vertical
420.560000	28.10	120.000	17.9	100.0	46.0	17.90	Vertical
801.050000	32.20	120.000	23.0	100.0	46.0	13.80	Vertical

Test Result : Pass

Remark:

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. Margin value = Limit value – Emission Level.
4. The other emission levels were very low against the limit.
5. All of the EUT Configure Mode were tested and found UNII-1 802.11a-5180MHz mode is the worst mode, the worst case is recorded in this report.

For 1GHz to 40 GHz

U-NII-1_802.11a_5180MHz									
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)	Polarity	Detector
5150.00	62.58	68.20	-5.62	1.80	200	55.08	7.50	Horizontal	Peak
5150.00	50.73	54.00	-3.27	1.80	200	43.23	7.50	Horizontal	Average
10360.00	53.96	68.20	-14.24	1.80	200	34.16	19.80	Horizontal	Peak
10360.00	46.17	54.00	-7.83	1.80	200	26.37	19.80	Horizontal	Average
5150.00	64.93	68.20	-3.27	1.70	180	57.43	7.50	Vertical	Peak
5150.00	52.85	54.00	-1.15	1.70	180	45.35	7.50	Vertical	Average
10360.00	58.48	68.20	-9.72	1.70	180	38.68	19.80	Vertical	Peak
10360.00	48.57	54.00	-5.43	1.70	180	28.77	19.80	Vertical	Average
U-NII-1_802.11a_5220MHz									
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)	Polarity	Detector
10440.00	53.25	68.20	-14.95	1.60	200	33.35	19.90	Horizontal	Peak
10440.00	45.72	54.00	-8.28	1.60	200	25.82	19.90	Horizontal	Average
10440.00	58.72	68.20	-9.48	1.70	180	38.82	19.90	Vertical	Peak
10440.00	48.16	54.00	-5.84	1.70	180	28.26	19.90	Vertical	Average
U-NII-1_802.11a_5240MHz									
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)	Polarity	Detector
5350.00	62.26	68.20	-5.94	1.80	200	54.26	8.00	Horizontal	Peak
5350.00	50.44	54.00	-3.56	1.80	200	42.44	8.00	Horizontal	Average
10480.00	53.82	68.20	-14.38	1.80	200	33.92	19.90	Horizontal	Peak
10480.00	46.13	54.00	-7.87	1.80	200	26.23	19.90	Horizontal	Average
5350.00	64.87	68.20	-3.33	1.70	180	56.87	8.00	Vertical	Peak
5350.00	51.16	54.00	-2.84	1.70	180	43.16	8.00	Vertical	Average
10480.00	58.59	68.20	-9.61	1.70	180	38.69	19.90	Vertical	Peak
10480.00	48.79	54.00	-5.21	1.70	180	28.89	19.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-1_802.11n-HT20_5180MHz									
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)	Polarity	Detector
5150.00	62.36	68.20	-5.84	1.80	200	54.86	7.50	Horizontal	Peak
5150.00	50.49	54.00	-3.51	1.80	200	42.99	7.50	Horizontal	Average
10360.00	53.81	68.20	-14.39	1.80	200	34.01	19.80	Horizontal	Peak
10360.00	46.31	54.00	-7.69	1.80	200	26.51	19.80	Horizontal	Average
5150.00	65.20	68.20	-3.00	1.70	180	57.70	7.50	Vertical	Peak
5150.00	52.00	54.00	-2.00	1.70	180	44.50	7.50	Vertical	Average
10360.00	58.88	68.20	-9.32	1.70	180	39.08	19.80	Vertical	Peak
10360.00	48.48	54.00	-5.52	1.70	180	28.68	19.80	Vertical	Average
U-NII-1_802.11n-HT20_5220MHz									
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)	Polarity	Detector
10440.00	53.37	68.20	-14.83	1.80	200	33.47	19.90	Horizontal	Peak
10440.00	46.82	54.00	-7.18	1.80	200	26.92	19.90	Horizontal	Average
10440.00	58.26	68.20	-9.94	1.70	180	38.36	19.90	Vertical	Peak
10440.00	47.93	54.00	-6.07	1.70	180	28.03	19.90	Vertical	Average
U-NII-1_802.11n-HT20_5240MHz									
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)	Polarity	Detector
5350.00	62.44	68.20	-5.76	1.80	200	54.44	8.00	Horizontal	Peak
5350.00	50.88	54.00	-3.12	1.80	200	42.88	8.00	Horizontal	Average
10480.00	53.76	68.20	-14.44	1.80	200	33.86	19.90	Horizontal	Peak
10480.00	45.63	54.00	-8.37	1.80	200	25.73	19.90	Horizontal	Average
5350.00	64.91	68.20	-3.29	1.70	180	56.91	8.00	Vertical	Peak
5350.00	51.62	54.00	-2.38	1.70	180	43.62	8.00	Vertical	Average
10480.00	58.84	68.20	-9.36	1.70	180	38.94	19.90	Vertical	Peak
10480.00	48.57	54.00	-5.43	1.70	180	28.67	19.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-1_802.11ac-VHT_5180MHz									
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)	Polarity	Detector
5150.00	62.45	68.20	-5.75	1.80	200	54.95	7.50	Horizontal	Peak
5150.00	50.16	54.00	-3.84	1.80	200	42.66	7.50	Horizontal	Average
10360.00	53.31	68.20	-14.89	1.80	200	33.51	19.80	Horizontal	Peak
10360.00	45.86	54.00	-8.14	1.80	200	26.06	19.80	Horizontal	Average
5150.00	65.33	68.20	-2.87	1.70	180	57.83	7.50	Vertical	Peak
5150.00	51.87	54.00	-2.13	1.70	180	44.37	7.50	Vertical	Average
10360.00	58.59	68.20	-9.61	1.70	180	38.79	19.80	Vertical	Peak
10360.00	48.53	54.00	-5.47	1.70	180	28.73	19.80	Vertical	Average
U-NII-1_802.11ac-VHT_5220MHz									
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)	Polarity	Detector
10440.00	53.19	68.20	-15.01	1.80	200	33.29	19.90	Horizontal	Peak
10440.00	45.26	54.00	-8.74	1.80	200	25.36	19.90	Horizontal	Average
10440.00	57.84	68.20	-10.36	1.70	180	37.94	19.90	Vertical	Peak
10440.00	48.05	54.00	-5.95	1.70	180	28.15	19.90	Vertical	Average
U-NII-1_802.11ac-VHT_5240MHz									
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)	Polarity	Detector
5350.00	62.54	68.20	-5.66	1.80	200	54.54	8.00	Horizontal	Peak
5350.00	50.39	54.00	-3.61	1.80	200	42.39	8.00	Horizontal	Average
10480.00	53.58	68.20	-14.62	1.80	200	33.68	19.90	Horizontal	Peak
10480.00	46.08	54.00	-7.92	1.80	200	26.18	19.90	Horizontal	Average
5350.00	65.37	68.20	-2.83	1.70	180	57.37	8.00	Vertical	Peak
5350.00	51.47	54.00	-2.53	1.70	180	43.47	8.00	Vertical	Average
10480.00	58.71	68.20	-9.49	1.70	180	38.81	19.90	Vertical	Peak
10480.00	48.60	54.00	-5.40	1.70	180	28.70	19.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-1_802.11n-HT40_5190MHz									
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)	Polarity	Detector
5150.00	62.41	68.20	-5.79	1.80	200	54.91	7.50	Horizontal	Peak
5150.00	50.19	54.00	-3.81	1.80	200	42.69	7.50	Horizontal	Average
10380.00	54.04	68.20	-14.16	1.80	200	34.24	19.80	Horizontal	Peak
10380.00	45.69	54.00	-8.31	1.80	200	25.89	19.80	Horizontal	Average
5150.00	64.67	68.20	-3.53	1.70	180	57.17	7.50	Vertical	Peak
5150.00	52.48	54.00	-1.52	1.70	180	44.98	7.50	Vertical	Average
10380.00	58.88	68.20	-9.32	1.70	180	39.08	19.80	Vertical	Peak
10380.00	48.95	54.00	-5.05	1.70	180	29.15	19.80	Vertical	Average
U-NII-1_802.11n-HT40_5230MHz									
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)	Polarity	Detector
5350.00	61.96	68.20	-6.24	1.80	200	53.96	8.00	Horizontal	Peak
5350.00	50.17	54.00	-3.83	1.80	200	42.17	8.00	Horizontal	Average
10460.00	54.45	68.20	-13.75	1.80	200	34.55	19.90	Horizontal	Peak
10460.00	45.53	54.00	-8.47	1.80	200	25.63	19.90	Horizontal	Average
5350.00	64.51	68.20	-3.69	1.70	180	56.51	8.00	Vertical	Peak
5350.00	51.19	54.00	-2.81	1.70	180	43.19	8.00	Vertical	Average
10460.00	58.52	68.20	-9.68	1.70	180	38.62	19.90	Vertical	Peak
10460.00	49.02	54.00	-4.98	1.70	180	29.12	19.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-1_802.11ac-VHT40_5190MHz									
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)	Polarity	Detector
5150.00	62.29	68.20	-5.91	1.80	200	54.79	7.50	Horizontal	Peak
5150.00	50.87	54.00	-3.13	1.80	200	43.37	7.50	Horizontal	Average
10380.00	54.43	68.20	-13.77	1.80	200	34.63	19.80	Horizontal	Peak
10380.00	44.90	54.00	-9.10	1.80	200	25.10	19.80	Horizontal	Average
5150.00	64.46	68.20	-3.74	1.70	180	56.96	7.50	Vertical	Peak
5150.00	52.61	54.00	-1.39	1.70	180	45.11	7.50	Vertical	Average
10380.00	57.95	68.20	-10.25	1.70	180	38.15	19.80	Vertical	Peak
10380.00	49.16	54.00	-4.84	1.70	180	29.36	19.80	Vertical	Average
U-NII-1_802.11ac-VHT40_5230MHz									
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)	Polarity	Detector
5350.00	62.35	68.20	-5.85	1.80	200	54.35	8.00	Horizontal	Peak
5350.00	50.63	54.00	-3.37	1.80	200	42.63	8.00	Horizontal	Average
10460.00	54.06	68.20	-14.14	1.80	200	34.16	19.90	Horizontal	Peak
10460.00	45.17	54.00	-8.83	1.80	200	25.27	19.90	Horizontal	Average
5350.00	64.09	68.20	-4.11	1.70	180	56.09	8.00	Vertical	Peak
5350.00	51.43	54.00	-2.57	1.70	180	43.43	8.00	Vertical	Average
10460.00	58.41	68.20	-9.79	1.70	180	38.51	19.90	Vertical	Peak
10460.00	49.46	54.00	-4.54	1.70	180	29.56	19.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-1_802.11ac-VHT80_5210MHz									
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)	Polarity	Detector
5150.00	62.39	68.20	-5.81	1.80	200	54.89	7.50	Horizontal	Peak
5150.00	50.95	54.00	-3.05	1.80	200	43.45	7.50	Horizontal	Average
5350.00	61.98	68.20	-6.22	1.80	200	53.98	8.00	Horizontal	Peak
5350.00	50.56	54.00	-3.44	1.80	200	42.56	8.00	Horizontal	Average
10420.00	54.60	68.20	-13.60	1.80	200	34.70	19.90	Horizontal	Peak
10420.00	44.52	54.00	-9.48	1.80	200	24.62	19.90	Horizontal	Average
5150.00	64.21	68.20	-3.99	1.70	180	56.71	7.50	Vertical	Peak
5150.00	52.07	54.00	-1.93	1.70	180	44.57	7.50	Vertical	Average
5350.00	64.34	68.20	-3.86	1.70	180	56.34	8.00	Vertical	Peak
5350.00	51.57	54.00	-2.43	1.70	180	43.57	8.00	Vertical	Average
10420.00	57.61	68.20	-10.59	1.70	180	37.71	19.90	Vertical	Peak
10420.00	49.33	54.00	-4.67	1.70	180	29.43	19.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11a_5260MHz									
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)	Polarity	Detector
5150.00	62.13	68.20	-6.07	1.50	190	54.63	7.50	Horizontal	Peak
5150.00	49.35	54.00	-4.65	1.50	190	41.85	7.50	Horizontal	Average
10520.00	55.46	68.20	-12.74	1.50	190	35.46	20.00	Horizontal	Peak
10520.00	44.27	54.00	-9.73	1.50	190	24.27	20.00	Horizontal	Average
5150.00	62.42	68.20	-5.78	1.80	210	54.92	7.50	Vertical	Peak
5150.00	49.61	54.00	-4.39	1.80	210	42.11	7.50	Vertical	Average
10520.00	57.29	68.20	-10.91	1.80	210	37.29	20.00	Vertical	Peak
10520.00	46.73	54.00	-7.27	1.80	210	26.73	20.00	Vertical	Average
U-NII-2A_802.11a_5300MHz									
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)	Polarity	Detector
10600.00	56.71	68.20	-11.49	1.50	190	36.71	20.00	Horizontal	Peak
10600.00	44.95	54.00	-9.05	1.50	190	24.95	20.00	Horizontal	Average
10600.00	58.06	68.20	-10.14	1.80	210	38.06	20.00	Vertical	Peak
10600.00	46.11	54.00	-7.89	1.80	210	26.11	20.00	Vertical	Average
U-NII-2A_802.11a_5320MHz									
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)	Polarity	Detector
5350.00	61.76	68.20	-6.44	1.50	190	53.76	8.00	Horizontal	Peak
5350.00	49.56	54.00	-4.44	1.50	190	41.56	8.00	Horizontal	Average
10640.00	56.51	68.20	-11.69	1.50	190	36.41	20.10	Horizontal	Peak
10640.00	44.56	54.00	-9.44	1.50	190	24.46	20.10	Horizontal	Average
5350.00	62.58	68.20	-5.62	1.80	210	54.58	8.00	Vertical	Peak
5350.00	49.37	54.00	-4.63	1.80	210	41.37	8.00	Vertical	Average
10640.00	56.64	68.20	-11.56	1.80	210	36.54	20.10	Vertical	Peak
10640.00	46.88	54.00	-7.12	1.80	210	26.78	20.10	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11n-HT20_5260MHz									
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)	Polarity	Detector
5150.00	62.01	68.20	-6.19	1.50	190	54.51	7.50	Horizontal	Peak
5150.00	49.84	54.00	-4.16	1.50	190	42.34	7.50	Horizontal	Average
10520.00	55.68	68.20	-12.52	1.50	190	35.68	20.00	Horizontal	Peak
10520.00	43.84	54.00	-10.16	1.50	190	23.84	20.00	Horizontal	Average
5150.00	62.47	68.20	-5.73	1.80	210	54.97	7.50	Vertical	Peak
5150.00	49.17	54.00	-4.83	1.80	210	41.67	7.50	Vertical	Average
10520.00	57.06	68.20	-11.14	1.80	210	37.06	20.00	Vertical	Peak
10520.00	46.40	54.00	-7.60	1.80	210	26.40	20.00	Vertical	Average
U-NII-2A_802.11n-HT20_5300MHz									
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)	Polarity	Detector
10600.00	56.81	68.20	-11.39	1.50	190	36.81	20.00	Horizontal	Peak
10600.00	44.92	54.00	-9.08	1.50	190	24.92	20.00	Horizontal	Average
10600.00	58.50	68.20	-9.70	1.80	210	38.50	20.00	Vertical	Peak
10600.00	45.88	54.00	-8.12	1.80	210	25.88	20.00	Vertical	Average
U-NII-2A_802.11n-HT20_5320MHz									
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)	Polarity	Detector
5350.00	61.97	68.20	-6.23	1.50	190	53.97	8.00	Horizontal	Peak
5350.00	49.49	54.00	-4.51	1.50	190	41.49	8.00	Horizontal	Average
10640.00	56.03	68.20	-12.17	1.50	190	35.93	20.10	Horizontal	Peak
10640.00	44.07	54.00	-9.93	1.50	190	23.97	20.10	Horizontal	Average
5350.00	62.90	68.20	-5.30	1.80	210	54.90	8.00	Vertical	Peak
5350.00	48.97	54.00	-5.03	1.80	210	40.97	8.00	Vertical	Average
10640.00	57.06	68.20	-11.14	1.80	210	36.96	20.10	Vertical	Peak
10640.00	46.63	54.00	-7.37	1.80	210	26.53	20.10	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11ac-VHT20_5260MHz									
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)	Polarity	Detector
5150.00	61.94	68.20	-6.26	1.50	190	54.44	7.50	Horizontal	Peak
5150.00	49.51	54.00	-4.49	1.50	190	42.01	7.50	Horizontal	Average
10520.00	56.11	68.20	-12.09	1.50	190	36.11	20.00	Horizontal	Peak
10520.00	44.05	54.00	-9.95	1.50	190	24.05	20.00	Horizontal	Average
5150.00	62.10	68.20	-6.10	1.80	210	54.60	7.50	Vertical	Peak
5150.00	48.77	54.00	-5.23	1.80	210	41.27	7.50	Vertical	Average
10520.00	57.21	68.20	-10.99	1.80	210	37.21	20.00	Vertical	Peak
10520.00	46.19	54.00	-7.81	1.80	210	26.19	20.00	Vertical	Average
U-NII-2A_802.11ac-VHT20_5300MHz									
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)	Polarity	Detector
10600.00	56.64	68.20	-11.56	1.50	190	36.64	20.00	Horizontal	Peak
10600.00	44.52	54.00	-9.48	1.50	190	24.52	20.00	Horizontal	Average
10600.00	58.79	68.20	-9.41	1.80	210	38.79	20.00	Vertical	Peak
10600.00	46.05	54.00	-7.95	1.80	210	26.05	20.00	Vertical	Average
U-NII-2A_802.11ac-VHT20_5320MHz									
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)	Polarity	Detector
5350.00	61.78	68.20	-6.42	1.50	190	53.78	8.00	Horizontal	Peak
5350.00	49.36	54.00	-4.64	1.50	190	41.36	8.00	Horizontal	Average
10640.00	56.30	68.20	-11.90	1.50	190	36.20	20.10	Horizontal	Peak
10640.00	44.21	54.00	-9.79	1.50	190	24.11	20.10	Horizontal	Average
5350.00	62.27	68.20	-5.93	1.80	210	54.27	8.00	Vertical	Peak
5350.00	48.90	54.00	-5.10	1.80	210	40.90	8.00	Vertical	Average
10640.00	56.76	68.20	-11.44	1.80	210	36.66	20.10	Vertical	Peak
10640.00	45.83	54.00	-8.17	1.80	210	25.73	20.10	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11n-HT40_5270MHz									
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)	Polarity	Detector
5150.00	62.11	68.20	-6.09	1.50	190	54.61	7.50	Horizontal	Peak
5150.00	49.21	54.00	-4.79	1.50	190	41.71	7.50	Horizontal	Average
10540.00	56.79	68.20	-11.41	1.50	190	36.79	20.00	Horizontal	Peak
10540.00	44.36	54.00	-9.64	1.50	190	24.36	20.00	Horizontal	Average
5150.00	62.34	68.20	-5.86	1.80	210	54.84	7.50	Vertical	Peak
5150.00	49.54	54.00	-4.46	1.80	210	42.04	7.50	Vertical	Average
10540.00	57.35	68.20	-10.85	1.80	210	37.35	20.00	Vertical	Peak
10540.00	46.54	54.00	-7.46	1.80	210	26.54	20.00	Vertical	Average
U-NII-2A_802.11n-HT40_5310MHz									
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)	Polarity	Detector
5350.00	62.09	68.20	-6.11	1.50	190	54.09	8.00	Horizontal	Peak
5350.00	49.62	54.00	-4.38	1.50	190	41.62	8.00	Horizontal	Average
10620.00	56.07	68.20	-12.13	1.50	190	35.97	20.10	Horizontal	Peak
10620.00	44.43	54.00	-9.57	1.50	190	24.33	20.10	Horizontal	Average
5350.00	62.18	68.20	-6.02	1.80	210	54.18	8.00	Vertical	Peak
5350.00	48.61	54.00	-5.39	1.80	210	40.61	8.00	Vertical	Average
10620.00	57.54	68.20	-10.66	1.80	210	37.44	20.10	Vertical	Peak
10620.00	46.99	54.00	-7.01	1.80	210	26.89	20.10	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11ac-VHT40_5270MHz									
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)	Polarity	Detector
5150.00	62.40	68.20	-5.80	1.50	190	54.90	7.50	Horizontal	Peak
5150.00	49.54	54.00	-4.46	1.50	190	42.04	7.50	Horizontal	Average
10540.00	55.53	68.20	-12.67	1.50	190	35.53	20.00	Horizontal	Peak
10540.00	43.97	54.00	-10.03	1.50	190	23.97	20.00	Horizontal	Average
5150.00	62.68	68.20	-5.52	1.80	210	55.18	7.50	Vertical	Peak
5150.00	48.58	54.00	-5.42	1.80	210	41.08	7.50	Vertical	Average
10540.00	56.92	68.20	-11.28	1.80	210	36.92	20.00	Vertical	Peak
10540.00	46.74	54.00	-7.26	1.80	210	26.74	20.00	Vertical	Average
U-NII-2A_802.11ac-VHT40_5310MHz									
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)	Polarity	Detector
5350.00	62.16	68.20	-6.04	1.50	190	54.16	8.00	Horizontal	Peak
5350.00	49.65	54.00	-4.35	1.50	190	41.65	8.00	Horizontal	Average
10620.00	55.96	68.20	-12.24	1.50	190	35.86	20.10	Horizontal	Peak
10620.00	44.24	54.00	-9.76	1.50	190	24.14	20.10	Horizontal	Average
5350.00	62.43	68.20	-5.77	1.80	210	54.43	8.00	Vertical	Peak
5350.00	48.61	54.00	-5.39	1.80	210	40.61	8.00	Vertical	Average
10620.00	57.07	68.20	-11.13	1.80	210	36.97	20.10	Vertical	Peak
10620.00	46.60	54.00	-7.40	1.80	210	26.50	20.10	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11ac-VHT80_5290MHz									
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)	Polarity	Detector
5150.00	62.34	68.20	-5.86	1.50	190	54.84	7.50	Horizontal	Peak
5150.00	49.16	54.00	-4.84	1.50	190	41.66	7.50	Horizontal	Average
5350.00	62.44	68.20	-5.76	1.50	190	54.44	8.00	Horizontal	Peak
5350.00	49.95	54.00	-4.05	1.50	190	41.95	8.00	Horizontal	Average
10580.00	55.85	68.20	-12.35	1.50	190	35.85	20.00	Horizontal	Peak
10580.00	44.27	54.00	-9.73	1.50	190	24.27	20.00	Horizontal	Average
5150.00	62.45	68.20	-5.75	1.80	210	54.95	7.50	Vertical	Peak
5150.00	48.45	54.00	-5.55	1.80	210	40.95	7.50	Vertical	Average
5350.00	62.82	68.20	-5.38	1.80	210	54.82	8.00	Vertical	Peak
5350.00	48.44	54.00	-5.56	1.80	210	40.44	8.00	Vertical	Average
10580.00	56.98	68.20	-11.22	1.80	210	36.98	20.00	Vertical	Peak
10580.00	46.49	54.00	-7.51	1.80	210	26.49	20.00	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11a_5500MHz									
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)	Polarity	Detector
5470.00	63.22	68.20	-4.98	1.70	200	54.72	8.50	Horizontal	Peak
5470.00	49.39	54.00	-4.61	1.70	200	40.89	8.50	Horizontal	Average
11000.00	55.94	68.20	-12.26	1.70	200	34.94	21.00	Horizontal	Peak
11000.00	45.11	54.00	-8.89	1.70	200	24.11	21.00	Horizontal	Average
5470.00	63.66	68.20	-4.54	1.90	180	55.16	8.50	Vertical	Peak
5470.00	50.48	54.00	-3.52	1.90	180	41.98	8.50	Vertical	Average
11000.00	58.13	68.20	-10.07	1.90	180	37.13	21.00	Vertical	Peak
11000.00	47.81	54.00	-6.19	1.90	180	26.81	21.00	Vertical	Average
U-NII-2C_802.11a_5600MHz									
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)	Polarity	Detector
11200.00	55.91	68.20	-12.29	1.70	200	34.41	21.50	Horizontal	Peak
11200.00	45.84	54.00	-8.16	1.70	200	24.34	21.50	Horizontal	Average
11200.00	57.77	68.20	-10.43	1.90	180	36.27	21.50	Vertical	Peak
11200.00	46.98	54.00	-7.02	1.90	180	25.48	21.50	Vertical	Average
U-NII-2C_802.11a_5700MHz									
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)	Polarity	Detector
5725.00	63.14	68.20	-5.06	1.70	200	53.49	9.65	Horizontal	Peak
5725.00	49.65	54.00	-4.35	1.70	200	40.00	9.65	Horizontal	Average
11400.00	57.19	68.20	-11.01	1.70	200	35.69	21.50	Horizontal	Peak
11400.00	45.56	54.00	-8.44	1.70	200	24.06	21.50	Horizontal	Average
5725.00	63.47	68.20	-4.73	1.90	180	53.82	9.65	Vertical	Peak
5725.00	50.37	54.00	-3.63	1.90	180	40.72	9.65	Vertical	Average
11400.00	57.30	68.20	-10.90	1.90	180	35.80	21.50	Vertical	Peak
11400.00	47.33	54.00	-6.67	1.90	180	25.83	21.50	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11n-HT20_5500MHz									
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)	Polarity	Detector
5470.00	63.14	68.20	-5.06	1.70	200	54.64	8.50	Horizontal	Peak
5470.00	49.86	54.00	-4.14	1.70	200	41.36	8.50	Horizontal	Average
11000.00	56.72	68.20	-11.48	1.70	200	35.72	21.00	Horizontal	Peak
11000.00	45.23	54.00	-8.77	1.70	200	24.23	21.00	Horizontal	Average
5470.00	63.52	68.20	-4.68	1.90	180	55.02	8.50	Vertical	Peak
5470.00	50.47	54.00	-3.53	1.90	180	41.97	8.50	Vertical	Average
11000.00	58.19	68.20	-10.01	1.90	180	37.19	21.00	Vertical	Peak
11000.00	47.36	54.00	-6.64	1.90	180	26.36	21.00	Vertical	Average
U-NII-2C_802.11n-HT20_5600MHz									
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)	Polarity	Detector
11200.00	56.25	68.20	-11.95	1.70	200	34.75	21.50	Horizontal	Peak
11200.00	45.81	54.00	-8.19	1.70	200	24.31	21.50	Horizontal	Average
11200.00	57.79	68.20	-10.41	1.90	180	36.29	21.50	Vertical	Peak
11200.00	47.05	54.00	-6.95	1.90	180	25.55	21.50	Vertical	Average
U-NII-2C_802.11n-HT20_5700MHz									
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)	Polarity	Detector
5725.00	62.66	68.20	-5.54	1.70	200	53.01	9.65	Horizontal	Peak
5725.00	50.08	54.00	-3.92	1.70	200	40.43	9.65	Horizontal	Average
11400.00	56.89	68.20	-11.31	1.70	200	35.39	21.50	Horizontal	Peak
11400.00	44.69	54.00	-9.31	1.70	200	23.19	21.50	Horizontal	Average
5725.00	63.62	68.20	-4.58	1.90	180	53.97	9.65	Vertical	Peak
5725.00	50.42	54.00	-3.58	1.90	180	40.77	9.65	Vertical	Average
11400.00	56.92	68.20	-11.28	1.90	180	35.42	21.50	Vertical	Peak
11400.00	47.54	54.00	-6.46	1.90	180	26.04	21.50	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11ac-VHT20_5500MHz									
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)	Polarity	Detector
5470.00	62.79	68.20	-5.41	1.70	200	54.29	8.50	Horizontal	Peak
5470.00	49.86	54.00	-4.14	1.70	200	41.36	8.50	Horizontal	Average
11000.00	56.44	68.20	-11.76	1.70	200	35.44	21.00	Horizontal	Peak
11000.00	45.03	54.00	-8.97	1.70	200	24.03	21.00	Horizontal	Average
5470.00	63.33	68.20	-4.87	1.90	180	54.83	8.50	Vertical	Peak
5470.00	50.06	54.00	-3.94	1.90	180	41.56	8.50	Vertical	Average
11000.00	57.73	68.20	-10.47	1.90	180	36.73	21.00	Vertical	Peak
11000.00	47.79	54.00	-6.21	1.90	180	26.79	21.00	Vertical	Average
U-NII-2C_802.11ac-VHT20_5600MHz									
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)	Polarity	Detector
11200.00	56.18	68.20	-12.02	1.70	200	34.68	21.50	Horizontal	Peak
11200.00	45.48	54.00	-8.52	1.70	200	23.98	21.50	Horizontal	Average
11200.00	57.58	68.20	-10.62	1.90	180	36.08	21.50	Vertical	Peak
11200.00	47.03	54.00	-6.97	1.90	180	25.53	21.50	Vertical	Average
U-NII-2C_802.11ac-VHT20_5700MHz									
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)	Polarity	Detector
5725.00	62.65	68.20	-5.55	1.70	200	53.00	9.65	Horizontal	Peak
5725.00	49.66	54.00	-4.34	1.70	200	40.01	9.65	Horizontal	Average
11400.00	56.93	68.20	-11.27	1.70	200	35.43	21.50	Horizontal	Peak
11400.00	45.08	54.00	-8.92	1.70	200	23.58	21.50	Horizontal	Average
5725.00	63.71	68.20	-4.49	1.90	180	54.06	9.65	Vertical	Peak
5725.00	49.94	54.00	-4.06	1.90	180	40.29	9.65	Vertical	Average
11400.00	57.40	68.20	-10.80	1.90	180	35.90	21.50	Vertical	Peak
11400.00	47.31	54.00	-6.69	1.90	180	25.81	21.50	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11n-HT40_5510MHz									
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)	Polarity	Detector
5470.00	62.75	68.20	-5.45	1.70	200	54.25	8.50	Horizontal	Peak
5470.00	50.20	54.00	-3.80	1.70	200	41.70	8.50	Horizontal	Average
11020.00	56.39	68.20	-11.81	1.70	200	35.39	21.00	Horizontal	Peak
11020.00	45.11	54.00	-8.89	1.70	200	24.11	21.00	Horizontal	Average
5470.00	63.29	68.20	-4.91	1.90	180	54.79	8.50	Vertical	Peak
5470.00	50.88	54.00	-3.12	1.90	180	42.38	8.50	Vertical	Average
11020.00	58.43	68.20	-9.77	1.90	180	37.43	21.00	Vertical	Peak
11020.00	47.61	54.00	-6.39	1.90	180	26.61	21.00	Vertical	Average
U-NII-2C_802.11n-HT40_5590MHz									
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)	Polarity	Detector
11180.00	55.86	68.20	-12.34	1.70	200	34.36	21.50	Horizontal	Peak
11180.00	45.35	54.00	-8.65	1.70	200	23.85	21.50	Horizontal	Average
11180.00	57.92	68.20	-10.28	1.90	180	36.42	21.50	Vertical	Peak
11180.00	47.40	54.00	-6.60	1.90	180	25.90	21.50	Vertical	Average
U-NII-2C_802.11n-HT40_5670MHz									
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)	Polarity	Detector
5725.00	62.71	68.20	-5.49	1.70	200	53.06	9.65	Horizontal	Peak
5725.00	50.66	54.00	-3.34	1.70	200	41.01	9.65	Horizontal	Average
11340.00	56.62	68.20	-11.58	1.70	200	35.22	21.40	Horizontal	Peak
11340.00	45.22	54.00	-8.78	1.70	200	23.82	21.40	Horizontal	Average
5725.00	64.65	68.20	-3.55	1.90	180	55.00	9.65	Vertical	Peak
5725.00	50.48	54.00	-3.52	1.90	180	40.83	9.65	Vertical	Average
11340.00	56.61	68.20	-11.59	1.90	180	35.21	21.40	Vertical	Peak
11340.00	47.14	54.00	-6.86	1.90	180	25.74	21.40	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11ac-VHT40_5510MHz									
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)	Polarity	Detector
5470.00	62.92	68.20	-5.28	1.70	200	54.42	8.50	Horizontal	Peak
5470.00	49.94	54.00	-4.06	1.70	200	41.44	8.50	Horizontal	Average
11020.00	56.70	68.20	-11.50	1.70	200	35.70	21.00	Horizontal	Peak
11020.00	44.94	54.00	-9.06	1.70	200	23.94	21.00	Horizontal	Average
5470.00	63.46	68.20	-4.74	1.90	180	54.96	8.50	Vertical	Peak
5470.00	51.31	54.00	-2.69	1.90	180	42.81	8.50	Vertical	Average
11020.00	58.66	68.20	-9.54	1.90	180	37.66	21.00	Vertical	Peak
11020.00	47.18	54.00	-6.82	1.90	180	26.18	21.00	Vertical	Average
U-NII-2C_802.11ac-VHT40_5590MHz									
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)	Polarity	Detector
11180.00	55.60	68.20	-12.60	1.70	200	34.10	21.50	Horizontal	Peak
11180.00	45.72	54.00	-8.28	1.70	200	24.22	21.50	Horizontal	Average
11180.00	57.64	68.20	-10.56	1.90	180	36.14	21.50	Vertical	Peak
11180.00	47.15	54.00	-6.85	1.90	180	25.65	21.50	Vertical	Average
U-NII-2C_802.11ac-VHT40_5670MHz									
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)	Polarity	Detector
5725.00	62.92	68.20	-5.28	1.70	200	53.27	9.65	Horizontal	Peak
5725.00	50.93	54.00	-3.07	1.70	200	41.28	9.65	Horizontal	Average
11340.00	56.80	68.20	-11.40	1.70	200	35.40	21.40	Horizontal	Peak
11340.00	45.17	54.00	-8.83	1.70	200	23.77	21.40	Horizontal	Average
5725.00	64.30	68.20	-3.90	1.90	180	54.65	9.65	Vertical	Peak
5725.00	50.83	54.00	-3.17	1.90	180	41.18	9.65	Vertical	Average
11340.00	56.35	68.20	-11.85	1.90	180	34.95	21.40	Vertical	Peak
11340.00	47.19	54.00	-6.81	1.90	180	25.79	21.40	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11ac-VHT80_5530MHz									
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)	Polarity	Detector
5470.00	63.30	68.20	-4.90	1.70	200	54.80	8.50	Horizontal	Peak
5470.00	50.22	54.00	-3.78	1.70	200	41.72	8.50	Horizontal	Average
11060.00	56.54	68.20	-11.66	1.70	200	35.54	21.00	Horizontal	Peak
11060.00	45.40	54.00	-8.60	1.70	200	24.40	21.00	Horizontal	Average
5470.00	63.48	68.20	-4.72	1.90	180	54.98	8.50	Vertical	Peak
5470.00	50.93	54.00	-3.07	1.90	180	42.43	8.50	Vertical	Average
11060.00	59.04	68.20	-9.16	1.90	180	38.04	21.00	Vertical	Peak
11060.00	47.52	54.00	-6.48	1.90	180	26.52	21.00	Vertical	Average
U-NII-2C_802.11ac-VHT80_5610MHz									
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)	Polarity	Detector
5725.00	62.50	68.20	-5.70	1.70	200	52.72	9.78	Horizontal	Peak
5725.00	50.79	54.00	-3.21	1.70	200	41.01	9.78	Horizontal	Average
11220.00	56.84	68.20	-11.36	1.70	200	35.04	21.80	Horizontal	Peak
11220.00	44.97	54.00	-9.03	1.70	200	23.17	21.80	Horizontal	Average
5725.00	64.78	68.20	-3.42	1.90	180	55.00	9.78	Vertical	Peak
5725.00	51.01	54.00	-2.99	1.90	180	41.23	9.78	Vertical	Average
11220.00	56.49	68.20	-11.71	1.90	180	34.69	21.80	Vertical	Peak
11220.00	46.91	54.00	-7.09	1.90	180	25.11	21.80	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11a_5745MHz									
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)	Polarity	Detector
5650.00	59.04	68.20	-9.16	1.80	180	49.58	9.46	Horizontal	Peak
5700.00	58.62	105.20	-46.58	1.80	180	49.03	9.59	Horizontal	Peak
5720.00	60.11	110.80	-50.69	1.80	180	50.47	9.64	Horizontal	Peak
5725.00	59.77	122.20	-62.43	1.80	180	50.12	9.65	Horizontal	Peak
11490.00	53.85	68.20	-14.35	1.80	180	32.15	21.70	Horizontal	Peak
11490.00	43.73	54.00	-10.27	1.80	180	22.03	21.70	Horizontal	Average
5650.00	59.41	68.20	-8.79	1.60	170	49.95	9.46	Vertical	Peak
5700.00	59.73	105.20	-45.47	1.60	170	50.14	9.59	Vertical	Peak
5720.00	60.11	110.80	-50.69	1.60	170	50.47	9.64	Vertical	Peak
5725.00	60.26	122.20	-61.94	1.60	170	50.61	9.65	Vertical	Peak
11490.00	52.77	68.20	-15.43	1.60	170	31.07	21.70	Vertical	Peak
11490.00	44.67	54.00	-9.33	1.60	170	22.97	21.70	Vertical	Average
U-NII-3_802.11a_5825MHz									
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)	Polarity	Detector
5850.00	58.90	122.20	-63.30	1.80	180	49.12	9.78	Horizontal	Peak
5855.00	58.72	110.80	-52.08	1.80	180	48.93	9.79	Horizontal	Peak
5875.00	60.50	105.20	-44.70	1.80	180	50.66	9.84	Horizontal	Peak
5925.00	59.60	68.20	-8.60	1.80	180	49.63	9.97	Horizontal	Peak
11650.00	53.96	68.20	-14.24	1.80	180	32.06	21.90	Horizontal	Peak
11650.00	43.33	54.00	-10.67	1.80	180	21.43	21.90	Horizontal	Average
5850.00	59.60	122.20	-62.60	1.60	170	49.82	9.78	Vertical	Peak
5855.00	59.90	110.80	-50.90	1.60	170	50.11	9.79	Vertical	Peak
5875.00	59.95	105.20	-45.25	1.60	170	50.11	9.84	Vertical	Peak
5925.00	60.46	68.20	-7.74	1.60	170	50.49	9.97	Vertical	Peak
11650.00	53.20	68.20	-15.00	1.60	170	31.30	21.90	Vertical	Peak
11650.00	44.89	54.00	-9.11	1.60	170	22.99	21.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11n-HT20_5745MHz									
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)	Polarity	Detector
5650.00	58.59	68.20	-9.61	1.80	180	49.13	9.46	Horizontal	Peak
5700.00	58.95	105.20	-46.25	1.80	180	49.36	9.59	Horizontal	Peak
5720.00	59.77	110.80	-51.03	1.80	180	50.13	9.64	Horizontal	Peak
5725.00	59.44	122.20	-62.76	1.80	180	49.79	9.65	Horizontal	Peak
11490.00	54.23	68.20	-13.97	1.80	180	32.53	21.70	Horizontal	Peak
11490.00	43.74	54.00	-10.26	1.80	180	22.04	21.70	Horizontal	Average
5650.00	59.25	68.20	-8.95	1.60	170	49.79	9.46	Vertical	Peak
5700.00	59.58	105.20	-45.62	1.60	170	49.99	9.59	Vertical	Peak
5720.00	59.69	110.80	-51.11	1.60	170	50.05	9.64	Vertical	Peak
5725.00	60.66	122.20	-61.54	1.60	170	51.01	9.65	Vertical	Peak
11490.00	52.49	68.20	-15.71	1.60	170	30.79	21.70	Vertical	Peak
11490.00	45.14	54.00	-8.86	1.60	170	23.44	21.70	Vertical	Average
U-NII-3_802.11n-HT20_5825MHz									
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)	Polarity	Detector
5850.00	59.11	122.20	-63.09	1.80	180	49.33	9.78	Horizontal	Peak
5855.00	58.93	110.80	-51.87	1.80	180	49.14	9.79	Horizontal	Peak
5875.00	60.67	105.20	-44.53	1.80	180	50.83	9.84	Horizontal	Peak
5925.00	59.15	68.20	-9.05	1.80	180	49.18	9.97	Horizontal	Peak
11650.00	54.38	68.20	-13.82	1.80	180	32.48	21.90	Horizontal	Peak
11650.00	42.93	54.00	-11.07	1.80	180	21.03	21.90	Horizontal	Average
5850.00	59.66	122.20	-62.54	1.60	170	49.88	9.78	Vertical	Peak
5855.00	60.13	110.80	-50.67	1.60	170	50.34	9.79	Vertical	Peak
5875.00	60.43	105.20	-44.77	1.60	170	50.59	9.84	Vertical	Peak
5925.00	60.81	68.20	-7.39	1.60	170	50.84	9.97	Vertical	Peak
11650.00	52.98	68.20	-15.22	1.60	170	31.08	21.90	Vertical	Peak
11650.00	45.14	54.00	-8.86	1.60	170	23.24	21.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11ac-VHT20_5745MHz									
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)	Polarity	Detector
5650.00	58.40	68.20	-9.80	1.80	180	48.94	9.46	Horizontal	Peak
5700.00	58.95	105.20	-46.25	1.80	180	49.36	9.59	Horizontal	Peak
5720.00	59.83	110.80	-50.97	1.80	180	50.19	9.64	Horizontal	Peak
5725.00	59.65	122.20	-62.55	1.80	180	50.00	9.65	Horizontal	Peak
11490.00	53.89	68.20	-14.31	1.80	180	32.19	21.70	Horizontal	Peak
11490.00	43.84	54.00	-10.16	1.80	180	22.14	21.70	Horizontal	Average
5650.00	59.13	68.20	-9.07	1.60	170	49.67	9.46	Vertical	Peak
5700.00	59.35	105.20	-45.85	1.60	170	49.76	9.59	Vertical	Peak
5720.00	59.54	110.80	-51.26	1.60	170	49.90	9.64	Vertical	Peak
5725.00	60.29	122.20	-61.91	1.60	170	50.64	9.65	Vertical	Peak
11490.00	52.94	68.20	-15.26	1.60	170	31.24	21.70	Vertical	Peak
11490.00	45.27	54.00	-8.73	1.60	170	23.57	21.70	Vertical	Average
U-NII-3_802.11ac-VHT20_5825MHz									
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)	Polarity	Detector
5850.00	59.44	122.20	-62.76	1.80	180	49.66	9.78	Horizontal	Peak
5855.00	58.79	110.80	-52.01	1.80	180	49.00	9.79	Horizontal	Peak
5875.00	60.46	105.20	-44.74	1.80	180	50.62	9.84	Horizontal	Peak
5925.00	58.71	68.20	-9.49	1.80	180	48.74	9.97	Horizontal	Peak
11650.00	54.61	68.20	-13.59	1.80	180	32.71	21.90	Horizontal	Peak
11650.00	43.13	54.00	-10.87	1.80	180	21.23	21.90	Horizontal	Average
5850.00	59.26	122.20	-62.94	1.60	170	49.48	9.78	Vertical	Peak
5855.00	60.06	110.80	-50.74	1.60	170	50.27	9.79	Vertical	Peak
5875.00	60.36	105.20	-44.84	1.60	170	50.52	9.84	Vertical	Peak
5925.00	60.60	68.20	-7.60	1.60	170	50.63	9.97	Vertical	Peak
11650.00	53.46	68.20	-14.74	1.60	170	31.56	21.90	Vertical	Peak
11650.00	44.75	54.00	-9.25	1.60	170	22.85	21.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11a_5785MHz									
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)	Polarity	Detector
11570.00	54.28	68.20	-13.92	1.80	180	32.58	21.70	Horizontal	Peak
11570.00	44.51	54.00	-9.49	1.80	180	22.81	21.70	Horizontal	Average
11570.00	53.43	68.20	-14.77	1.60	170	31.73	21.70	Vertical	Peak
11570.00	45.62	54.00	-8.38	1.60	170	23.92	21.70	Vertical	Average
U-NII-3_802.11n-HT20_5785MHz									
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)	Polarity	Detector
11570.00	54.33	68.20	-13.87	1.80	180	32.63	21.70	Horizontal	Peak
11570.00	44.16	54.00	-9.84	1.80	180	22.46	21.70	Horizontal	Average
11570.00	53.88	68.20	-14.32	1.60	170	32.18	21.70	Vertical	Peak
11570.00	45.15	54.00	-8.85	1.60	170	23.45	21.70	Vertical	Average
U-NII-3_802.11ac--VHT20_5785MHz									
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)	Polarity	Detector
11570.00	54.18	68.20	-14.02	1.80	180	32.48	21.70	Horizontal	Peak
11570.00	44.52	54.00	-9.48	1.80	180	22.82	21.70	Horizontal	Average
11570.00	54.21	68.20	-13.99	1.60	170	32.51	21.70	Vertical	Peak
11570.00	44.87	54.00	-9.13	1.60	170	23.17	21.70	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11n-HT40_5755MHz									
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)	Polarity	Detector
5650.00	59.24	68.20	-8.96	1.80	180	49.78	9.46	Horizontal	Peak
5700.00	58.88	105.20	-46.32	1.80	180	49.29	9.59	Horizontal	Peak
5720.00	60.19	110.80	-50.61	1.80	180	50.55	9.64	Horizontal	Peak
5725.00	59.46	122.20	-62.74	1.80	180	49.81	9.65	Horizontal	Peak
11510.00	54.30	68.20	-13.90	1.80	180	32.60	21.70	Horizontal	Peak
11510.00	42.85	54.00	-11.15	1.80	180	21.15	21.70	Horizontal	Average
5650.00	59.37	68.20	-8.83	1.60	170	49.91	9.46	Vertical	Peak
5700.00	60.18	105.20	-45.02	1.60	170	50.59	9.59	Vertical	Peak
5720.00	60.20	110.80	-50.60	1.60	170	50.56	9.64	Vertical	Peak
5725.00	60.48	122.20	-61.72	1.60	170	50.83	9.65	Vertical	Peak
11510.00	53.20	68.20	-15.00	1.60	170	31.50	21.70	Vertical	Peak
11510.00	45.46	54.00	-8.54	1.60	170	23.76	21.70	Vertical	Average
U-NII-3_802.11n-HT40_5795MHz									
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)	Polarity	Detector
5850.00	59.44	122.20	-62.76	1.80	180	49.66	9.78	Horizontal	Peak
5855.00	58.65	110.80	-52.15	1.80	180	48.86	9.79	Horizontal	Peak
5875.00	59.73	105.20	-45.47	1.80	180	49.89	9.84	Horizontal	Peak
5925.00	59.45	68.20	-8.75	1.80	180	49.48	9.97	Horizontal	Peak
11590.00	54.46	68.20	-13.74	1.80	180	32.56	21.90	Horizontal	Peak
11590.00	43.27	54.00	-10.73	1.80	180	21.37	21.90	Horizontal	Average
5850.00	59.78	122.20	-62.42	1.60	170	50.00	9.78	Vertical	Peak
5855.00	60.38	110.80	-50.42	1.60	170	50.59	9.79	Vertical	Peak
5875.00	59.89	105.20	-45.31	1.60	170	50.05	9.84	Vertical	Peak
5925.00	60.07	68.20	-8.13	1.60	170	50.10	9.97	Vertical	Peak
11590.00	53.53	68.20	-14.67	1.60	170	31.63	21.90	Vertical	Peak
11590.00	45.58	54.00	-8.42	1.60	170	23.68	21.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11ac-VHT40_5755MHz									
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)	Polarity	Detector
5650.00	59.59	68.20	-8.61	1.80	180	50.13	9.46	Horizontal	Peak
5700.00	58.84	105.20	-46.36	1.80	180	49.25	9.59	Horizontal	Peak
5720.00	60.57	110.80	-50.23	1.80	180	50.93	9.64	Horizontal	Peak
5725.00	59.58	122.20	-62.62	1.80	180	49.93	9.65	Horizontal	Peak
11510.00	54.23	68.20	-13.97	1.80	180	32.53	21.70	Horizontal	Peak
11510.00	42.81	54.00	-11.19	1.80	180	21.11	21.70	Horizontal	Average
5650.00	59.05	68.20	-9.15	1.60	170	49.59	9.46	Vertical	Peak
5700.00	59.87	105.20	-45.33	1.60	170	50.28	9.59	Vertical	Peak
5720.00	60.58	110.80	-50.22	1.60	170	50.94	9.64	Vertical	Peak
5725.00	60.31	122.20	-61.89	1.60	170	50.66	9.65	Vertical	Peak
11510.00	53.16	68.20	-15.04	1.60	170	31.46	21.70	Vertical	Peak
11510.00	45.52	54.00	-8.48	1.60	170	23.82	21.70	Vertical	Average
U-NII-3_802.11ac-VHT40_5795MHz									
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)	Polarity	Detector
5850.00	59.64	122.20	-62.56	1.80	180	49.86	9.78	Horizontal	Peak
5855.00	59.01	110.80	-51.79	1.80	180	49.22	9.79	Horizontal	Peak
5875.00	60.39	105.20	-44.81	1.80	180	50.55	9.84	Horizontal	Peak
5925.00	59.27	68.20	-8.93	1.80	180	49.30	9.97	Horizontal	Peak
11590.00	54.01	68.20	-14.19	1.80	180	32.11	21.90	Horizontal	Peak
11590.00	42.89	54.00	-11.11	1.80	180	20.99	21.90	Horizontal	Average
5850.00	58.99	122.20	-63.21	1.60	170	49.21	9.78	Vertical	Peak
5855.00	59.49	110.80	-51.31	1.60	170	49.70	9.79	Vertical	Peak
5875.00	60.96	105.20	-44.24	1.60	170	51.12	9.84	Vertical	Peak
5925.00	60.41	68.20	-7.79	1.60	170	50.44	9.97	Vertical	Peak
11590.00	52.87	68.20	-15.33	1.60	170	30.97	21.90	Vertical	Peak
11590.00	45.44	54.00	-8.56	1.60	170	23.54	21.90	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11ac-VHT80_5775MHz									
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)	Polarity	Detector
5650.00	60.13	68.20	-8.07	1.80	180	50.67	9.46	Horizontal	Peak
5700.00	58.46	105.20	-46.74	1.80	180	48.87	9.59	Horizontal	Peak
5720.00	61.31	110.80	-49.49	1.80	180	51.67	9.64	Horizontal	Peak
5725.00	60.48	122.20	-61.72	1.80	180	50.83	9.65	Horizontal	Peak
5850.00	59.35	122.20	-62.85	1.80	180	49.57	9.78	Horizontal	Peak
5855.00	58.67	110.80	-52.13	1.80	180	48.88	9.79	Horizontal	Peak
5875.00	60.74	105.20	-44.46	1.80	180	50.90	9.84	Horizontal	Peak
5925.00	59.62	68.20	-8.58	1.80	180	49.65	9.97	Horizontal	Peak
11550.00	54.83	68.20	-13.37	1.80	180	33.03	21.80	Horizontal	Peak
11550.00	42.36	54.00	-11.64	1.80	180	20.56	21.80	Horizontal	Average
5650.00	59.62	68.20	-8.58	1.60	170	50.16	9.46	Vertical	Peak
5700.00	60.38	105.20	-44.82	1.60	170	50.79	9.59	Vertical	Peak
5720.00	61.25	110.80	-49.55	1.60	170	51.61	9.64	Vertical	Peak
5725.00	60.87	122.20	-61.33	1.60	170	51.22	9.65	Vertical	Peak
5850.00	58.34	122.20	-63.86	1.60	170	48.56	9.78	Vertical	Peak
5855.00	59.15	110.80	-51.65	1.60	170	49.36	9.79	Vertical	Peak
5875.00	60.31	105.20	-44.89	1.60	170	50.47	9.84	Vertical	Peak
5925.00	60.74	68.20	-7.46	1.60	170	50.77	9.97	Vertical	Peak
11550.00	52.54	68.20	-15.66	1.60	170	30.74	21.80	Vertical	Peak
11550.00	45.93	54.00	-8.07	1.60	170	24.13	21.80	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)

3. Margin value = Emission Level – Limit value

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

2.7. AC Power Line Conducted Emission

2.7.1. Limit of AC Power Line Conducted Emission

FCC 15.207,

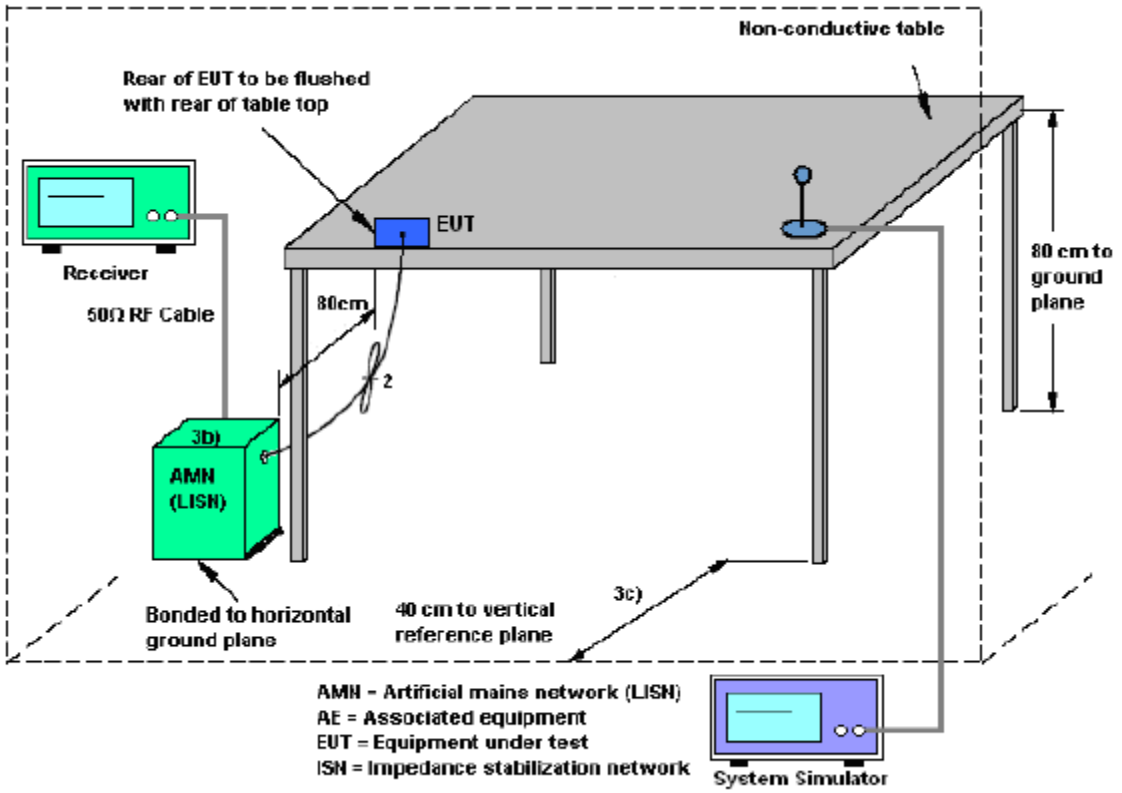
For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

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

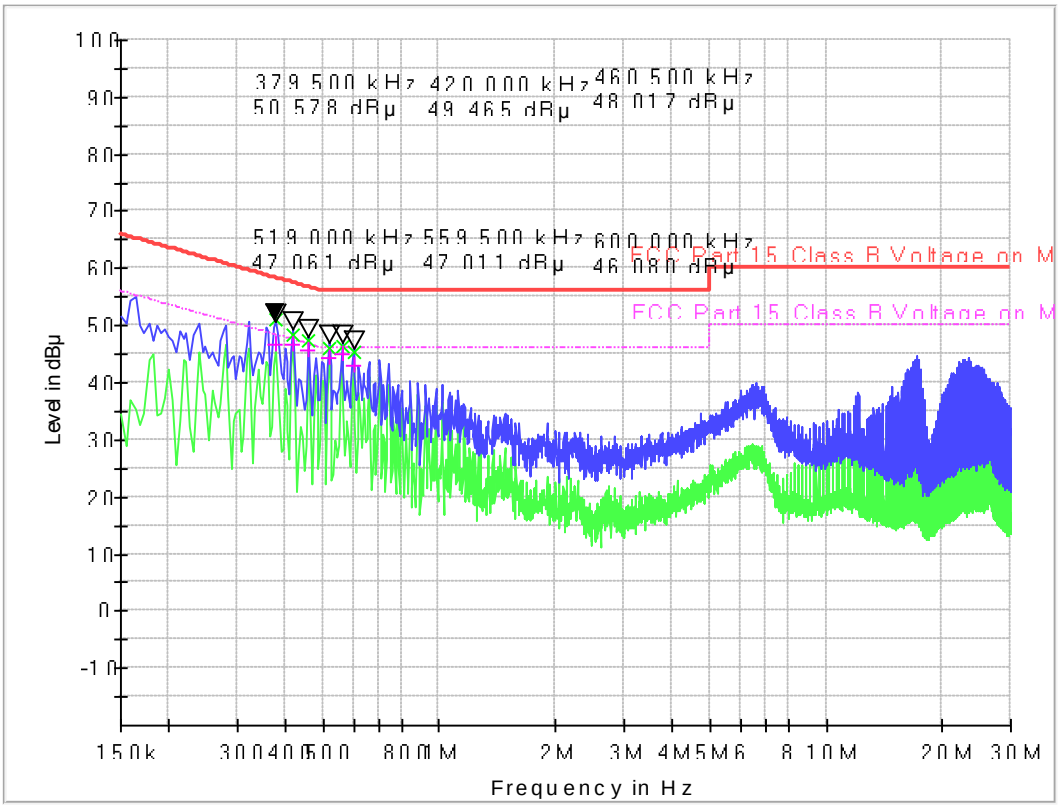


2.7.4. Test Procedures

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.

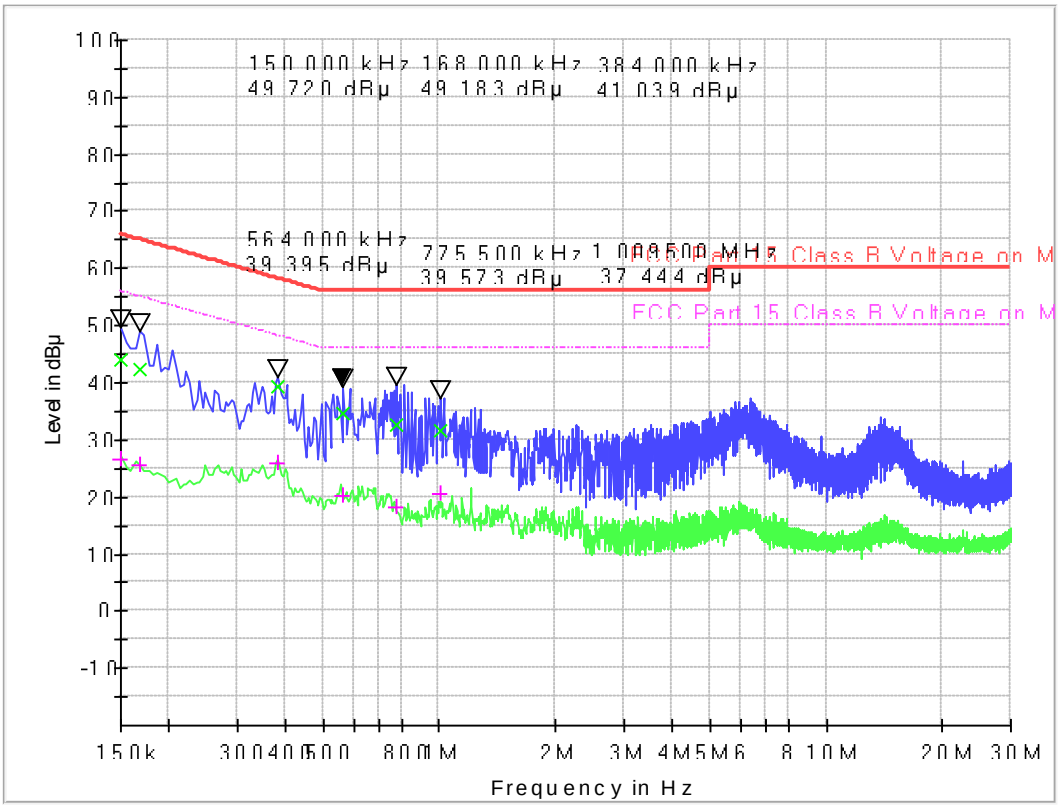
2.7.5. Test Results of Conducted Emission

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 (dB)	Limit - QPK (dB µ V)	Margin - AV (dB)	Limit - AV (dB µ V)
0.379500	50.96	46.57	0.2	10.2	7.33	58.3	1.72	48.3
0.420000	48.44	46.78	0.2	10.2	9.01	57.4	0.67	47.4
0.460500	47.38	45.76	0.2	10.2	9.30	56.7	0.92	46.7
0.519000	46.19	44.41	0.2	10.2	9.81	56.0	1.59	46.0
0.559500	46.49	44.91	0.2	10.2	9.51	56.0	1.09	46.0
0.600000	45.47	43.04	0.2	10.2	10.53	56.0	2.96	46.0



(Plot A: NPhase)

Frequency (MHz)	QuasiPeak (dB µ V)	CAverage (dB µ V)	Cabel Loss (dB)	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dB µ V)	Margin - AV (dB)	Limit - AV (dB µ V)
0.150000	44.03	26.56	0.2	10.2	21.97	66.0	29.44	56.0
0.168000	42.37	25.71	0.2	10.2	22.69	65.1	29.35	55.1
0.384000	39.41	25.97	0.2	10.2	18.78	58.2	22.22	48.2
0.564000	34.65	20.34	0.2	10.2	21.35	56.0	25.66	46.0
0.775500	32.60	18.24	0.2	10.2	23.40	56.0	27.76	46.0
1.009500	31.76	20.68	0.2	10.2	24.24	56.0	25.32	46.0

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	ROHDE&SCHWARZ	ESW26	A180502935	2021.08.03	2022.08.02
2	5M Anechoic Chamber	Albatross	SAC-5MAC 12.8x6.8x6.4m	A0304210	2019.03.25	2023.03.24
3	Loop Antenna	Schwarz beck	HFH2-Z2	A0304220	2022.05.02	2025.05.01
4	Broadband antenna (30MHz~1GHz)	R&S	HL562	A0304224	2020.06.19	2023.06.18
5	EMI Horn Ant. (1-18G)	ETC	1209	A150402241	2021.01.02	2024.01.01
6	Horn antenna (18GHz~26.5GHz)	AR	AT4510	A0804450	2020.06.19	2023.06.18
7	Amplifier 30M~1GHz	MILMEGA	80RF1000-10004	A140101634	2020.09.22	2023.09.21
8	Amplifier 1G~18GHz	MILMEGA	AS0104R-800/400	A160302517	2021.12.23	2022.12.22
9	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2022.03.25	2023.03.24
10	Test Receiver	R&S	ESIB7	A0501375	2022.04.18	2023.04.17
11	Broadband Ant.	2786	ETC	A150402240	2021.09.16	2024.03.03
12	3M Anechoic Chamber	Albatross	SAC-3MAC 9*6*6m	A0412375	2019.03.26	2023.03.25
13	Temperature chamber	TABAI	PS-232	A8708054	2021.09.24	2022.09.23
14	Wideband Radio Communication tester	R&S	CMW500	A130101034	2021.01.26	2023.01.25
15	Test Receiver	KEYSIGHT	N9038A	A141202036	2021.09.20	2022.08.04
16	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2021.09.21	2022.08.02
17	Cable	MATCHING PAD	W7	/	2021.08.01	2022.08.02

4. Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence . The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of AC Power Line Conducted Emission Measurement (150kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	2.8dB

Uncertainty of Radiated Emission Measurement (9KHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	3.5dB

Uncertainty of Radiated Emission Measurement (30MHz~1GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	3.91dB

Uncertainty of Radiated Emission Measurement (1GHz~18GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	4.5dB

Uncertainty of Radiated Emission Measurement (18GHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	4.9dB

Uncertainty of RF Conducted Measurement (9KHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	1.3dB

Appendix A

Output power

Test results

U-NII-1 AVGSA Output Power						
Mode	Test Frequency (MHz)	Power (dBm)	EIRP (dBm)	FCC Limit (dBm)	IC EIRP Limit (dBm)	Result
802.11n (20MHz)	5180	11.98	9.78	24	22.50	Pass
802.11n (20MHz)	5220	12.33	10.13	24	22.51	Pass
802.11n (20MHz)	5240	12.29	10.09	24	22.50	Pass
802.11n (40MHz)	5190	12.06	9.86	24	23.00	Pass
802.11n (40MHz)	5230	12.35	10.15	24	23.00	Pass
802.11ac (20MHz)	5180	12.07	9.87	24	22.50	Pass
802.11ac (20MHz)	5220	12.42	10.22	24	22.51	Pass
802.11ac (20MHz)	5240	12.39	10.19	24	22.50	Pass
802.11ac (40MHz)	5190	12.04	9.84	24	23.00	Pass
802.11ac (40MHz)	5230	12.26	10.06	24	23.00	Pass
802.11ac (80MHz)	5210	11.84	9.64	24	23.00	Pass
802.11a (20MHz)	5180	12.12	9.92	24	22.25	Pass
802.11a (20MHz)	5220	12.13	9.93	24	22.25	Pass
802.11a (20MHz)	5240	12.09	9.89	24	22.23	Pass

Note:
1) Antenna Gain: -2.2dBi.
2) Total EIRP = Total Power + Antenna Gain.

U-NII-2A AVGSA Output Power							
Mode	Test Frequency (MHz)	Power (dBm)	EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	IC EIRP Limit (dBm)	Result
802.11n (20MHz)	5260	10.05	7.85	23.97	23.49	29.49	Pass
802.11n (20MHz)	5300	10.54	8.34	24.00	23.49	29.49	Pass
802.11n (20MHz)	5320	10.41	8.21	23.98	23.49	29.49	Pass
802.11n (40MHz)	5270	10.11	7.91	24.00	24.00	30.00	Pass
802.11n (40MHz)	5310	10.36	8.16	24.00	24.00	30.00	Pass
802.11ac (20MHz)	5260	10.18	7.98	24.00	23.49	29.49	Pass
802.11ac (20MHz)	5300	10.53	8.33	24.00	23.50	29.50	Pass
802.11ac (20MHz)	5320	10.41	8.21	23.97	23.50	29.50	Pass
802.11ac (40MHz)	5270	10.12	7.92	24.00	24.00	30.00	Pass
802.11ac (40MHz)	5310	10.38	8.18	24.00	24.00	30.00	Pass
802.11ac (80MHz)	5290	9.62	7.42	24.00	24.00	30.00	Pass
802.11a (20MHz)	5260	9.93	7.73	23.87	23.25	29.25	Pass
802.11a (20MHz)	5300	10.36	8.16	23.82	23.25	29.25	Pass
802.11a (20MHz)	5320	10.03	7.83	23.88	23.24	29.24	Pass

Note:

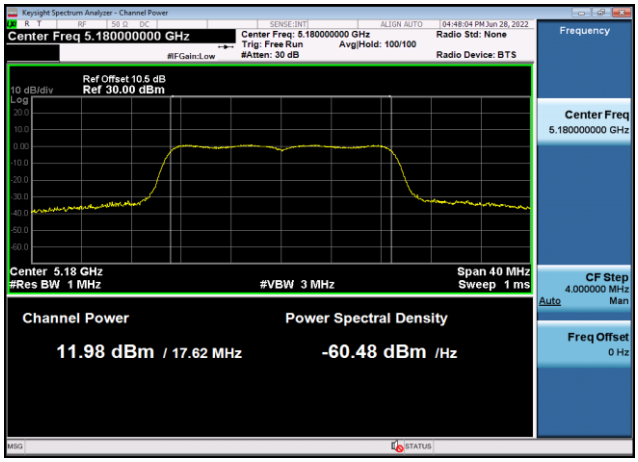
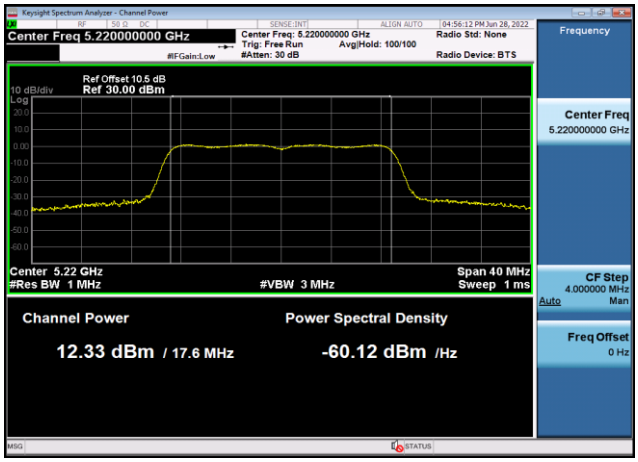
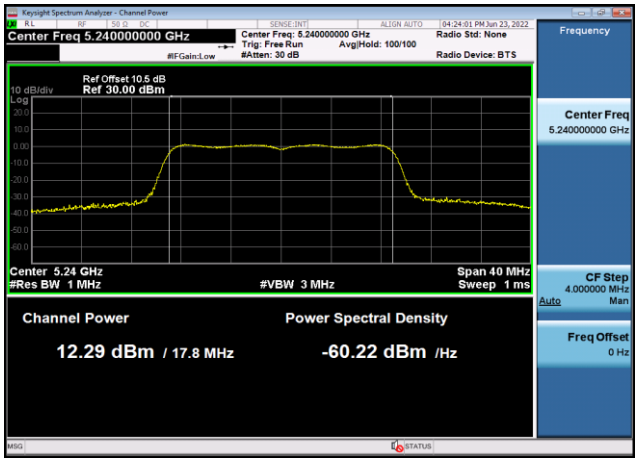
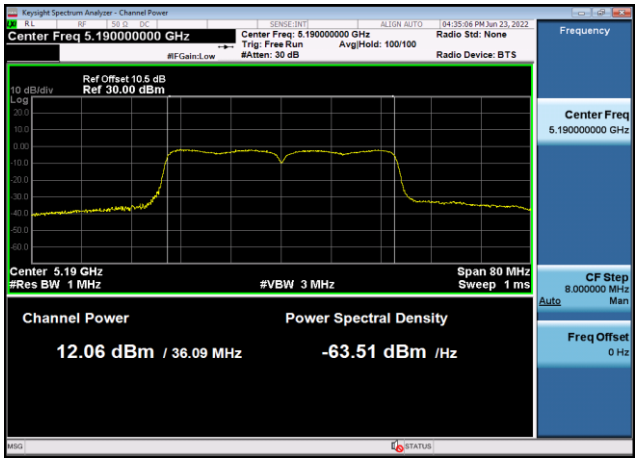
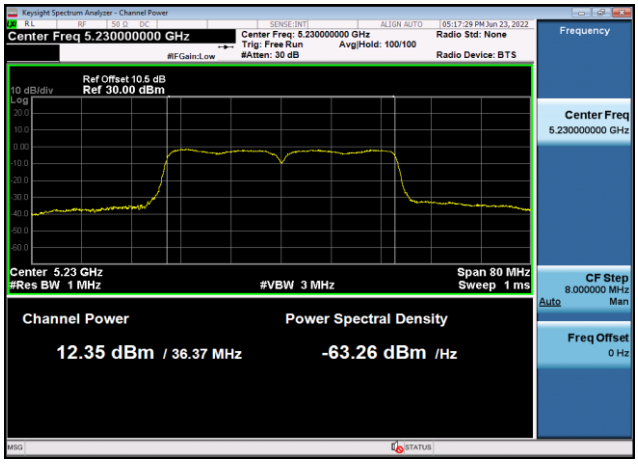
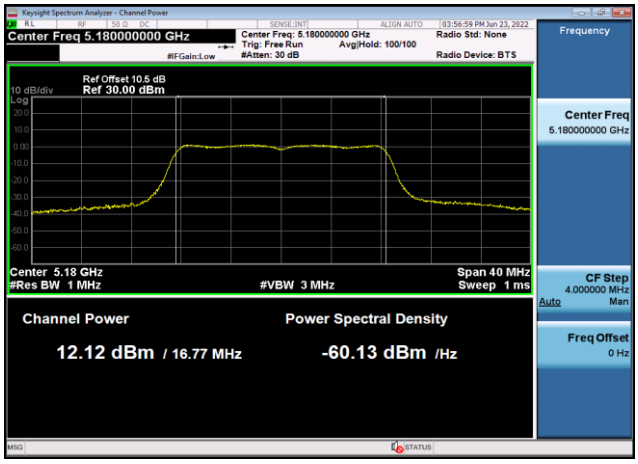
3) Antenna Gain: -2.2dBi.

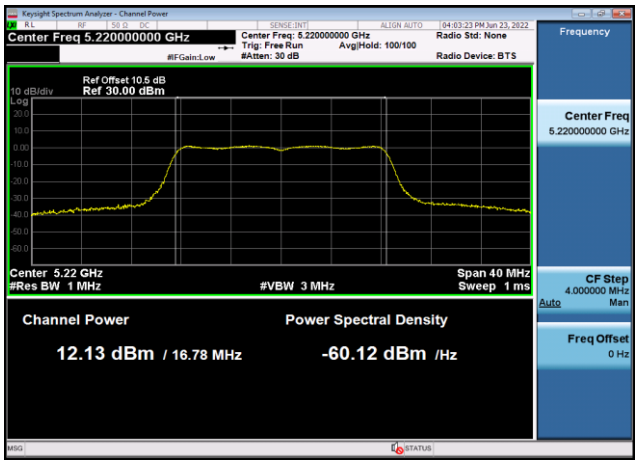
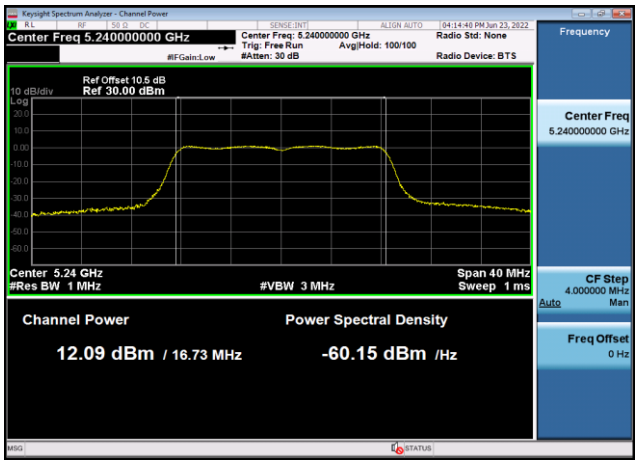
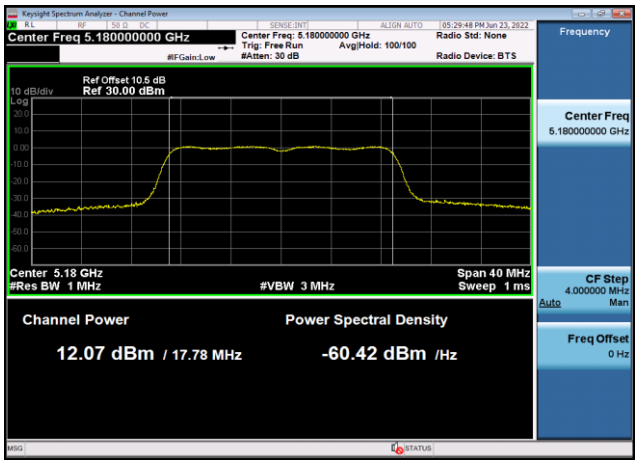
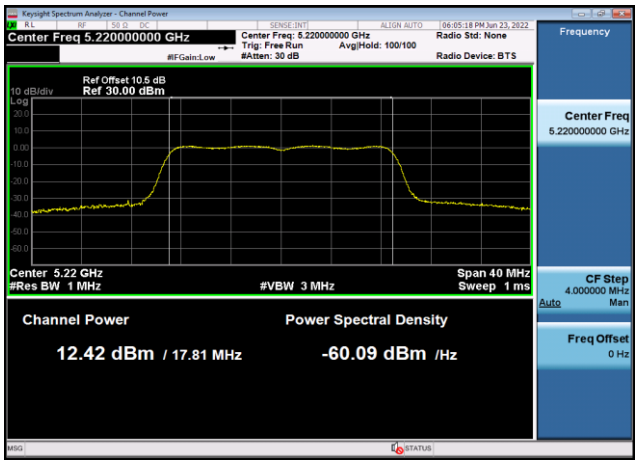
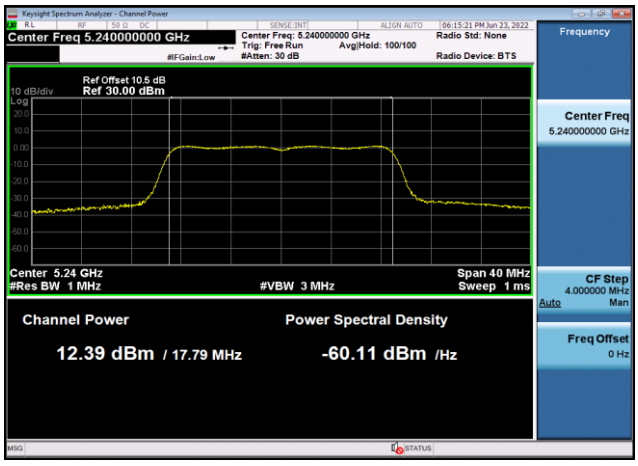
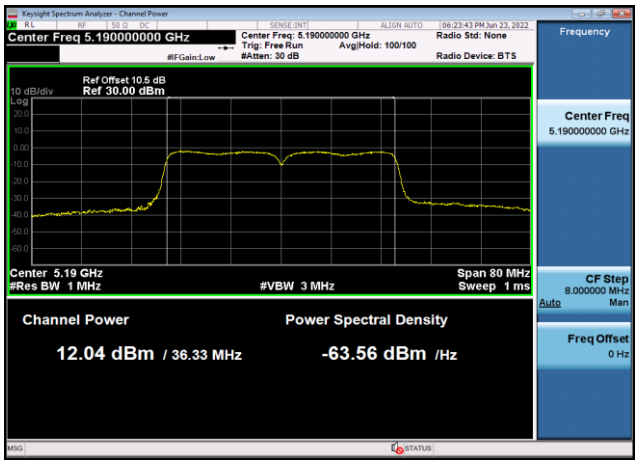
4) Total EIRP = Total Power + Antenna Gain.

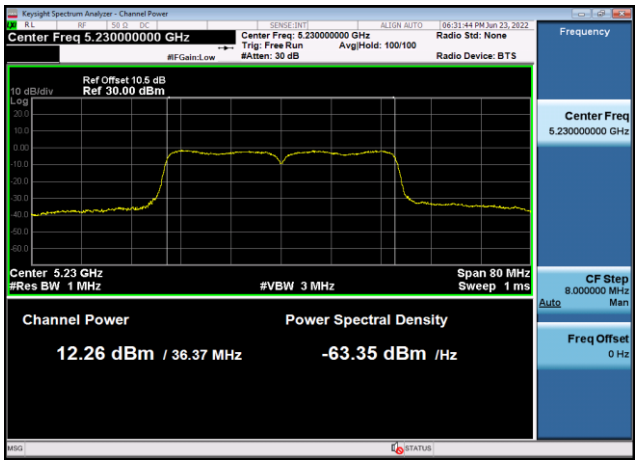
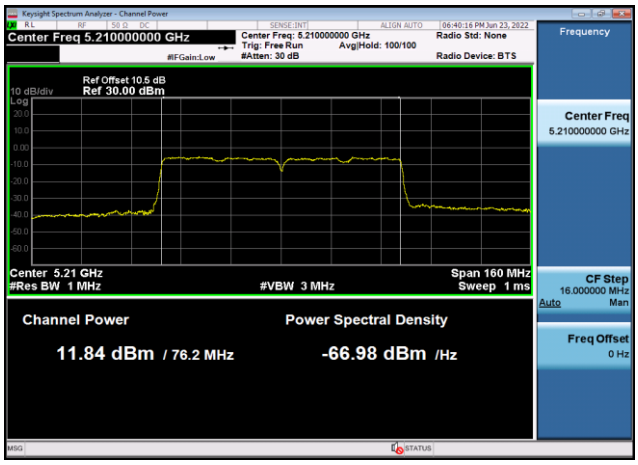
U-NII-2C AVGSA Output Power							
Mode	Test Frequency (MHz)	Power (dBm)	EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	IC EIRP Limit (dBm)	Result
802.11n (20MHz)	5500	13.79	11.59	24.00	23.50	29.50	Pass
802.11n (20MHz)	5600	14.19	11.99	24.00	23.50	29.50	Pass
802.11n (20MHz)	5700	13.20	11.00	24.00	23.51	29.51	Pass
802.11n (40MHz)	5510	13.59	11.39	24.00	24.00	30.00	Pass
802.11n (40MHz)	5590	13.95	11.75	24.00	24.00	30.00	Pass
802.11n (40MHz)	5670	13.66	11.46	24.00	24.00	30.00	Pass
802.11ac (20MHz)	5500	11.77	9.57	24.00	23.49	29.49	Pass
802.11ac (20MHz)	5600	12.12	9.92	24.00	23.49	29.49	Pass
802.11ac (20MHz)	5700	11.04	8.84	24.00	23.49	29.49	Pass
802.11ac (40MHz)	5510	11.59	9.39	24.00	24.00	30.00	Pass
802.11ac (40MHz)	5590	11.86	9.66	24.00	24.00	30.00	Pass
802.11ac (40MHz)	5670	11.60	9.40	24.00	24.00	30.00	Pass
802.11ac (80MHz)	5530	11.62	9.42	24.00	24.00	30.00	Pass
802.11ac (80MHz)	5610	13.36	11.16	24.00	24.00	30.00	Pass
802.11a (20MHz)	5500	13.63	11.43	24.00	23.24	29.24	Pass
802.11a (20MHz)	5600	14.01	11.81	24.00	23.24	29.24	Pass
802.11a (20MHz)	5700	12.75	10.55	24.00	23.24	29.24	Pass
Note: 5) Antenna Gain: -2.2dBi. 6) Total EIRP = Total Power + Antenna Gain.							

U-NII-3 AVGSA Output Power				
Mode	Test Frequency (MHz)	Power (dBm)	FCC&IC Limit (dBm)	Result
802.11n (20MHz)	5745	10.18	30	Pass
802.11n (20MHz)	5785	9.35	30	Pass
802.11n (20MHz)	5825	8.63	30	Pass
802.11n (40MHz)	5755	10.32	30	Pass
802.11n (40MHz)	5795	9.52	30	Pass
802.11ac (20MHz)	5745	10.27	30	Pass
802.11ac (20MHz)	5785	7.37	30	Pass
802.11ac (20MHz)	5825	8.58	30	Pass
802.11ac (40MHz)	5755	10.43	30	Pass
802.11ac (40MHz)	5795	9.49	30	Pass
802.11ac (80MHz)	5775	9.55	30	Pass
802.11a (20MHz)	5745	9.39	30	Pass
802.11a (20MHz)	5785	9.06	30	Pass
802.11a (20MHz)	5825	8.36	30	Pass

Test plots

U-NII-1 Output Power-802.11n(20MHz) ,5180MHz,Ant1	U-NII-1 Output Power-802.11n(20MHz) ,5220MHz,Ant1
	
U-NII-1 Output Power-802.11n(20MHz) ,5240MHz,Ant1	U-NII-1 Output Power-802.11n(40MHz) ,5190MHz,Ant1
	
U-NII-1 Output Power-802.11n(40MHz) ,5230MHz,Ant1	U-NII-1 Output Power-802.11a(20MHz) ,5180MHz,Ant1
	

U-NII-1 Output Power-802.11a(20MHz) ,5220MHz,Ant1	U-NII-1 Output Power-802.11a(20MHz) ,5240MHz,Ant1
	
U-NII-1 Output Power-802.11ac(20MHz) ,5180MHz,Ant1	U-NII-1 Output Power-802.11ac(20MHz) ,5220MHz,Ant1
	
U-NII-1 Output Power-802.11ac(20MHz) ,5240MHz,Ant1	U-NII-1 Output Power-802.11ac(40MHz) ,5190MHz,Ant1
	

U-NII-1 Output Power-802.11ac(40MHz) ,5230MHz,Ant1	U-NII-1 Output Power-802.11ac(80MHz) ,5210MHz,Ant1
	
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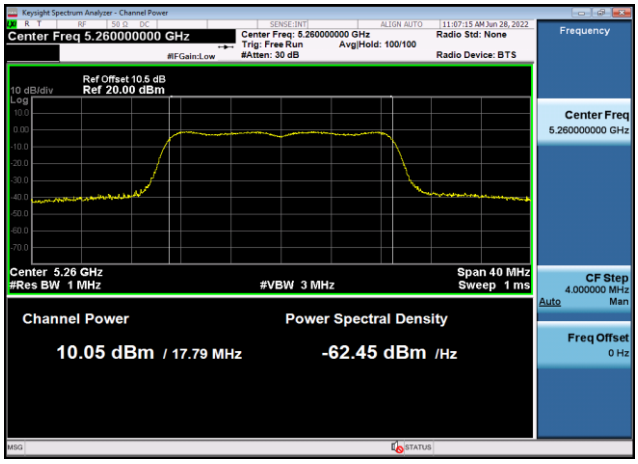
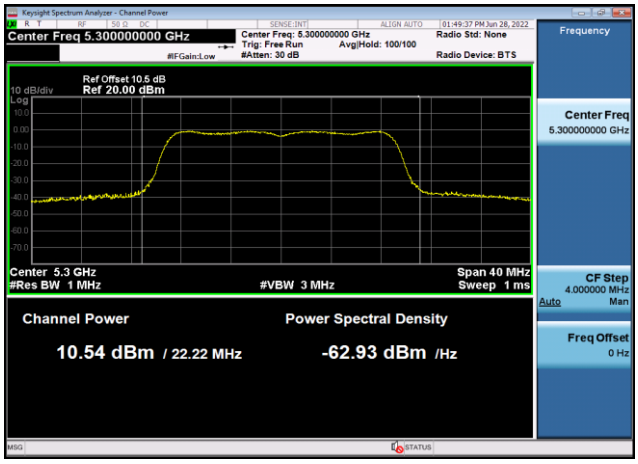
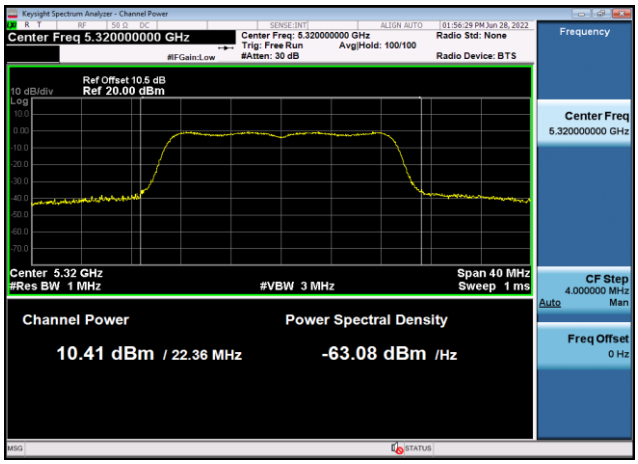
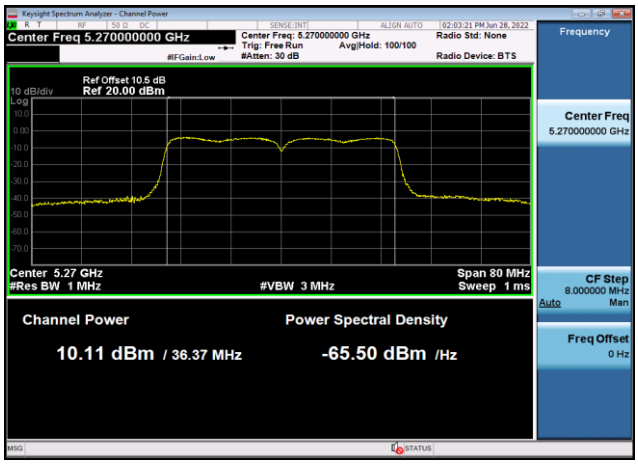
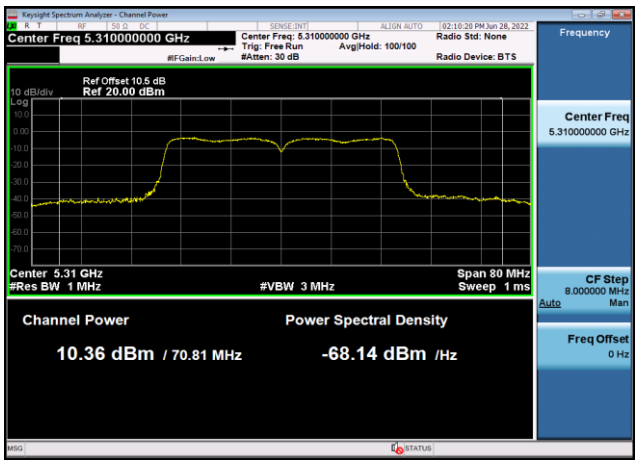
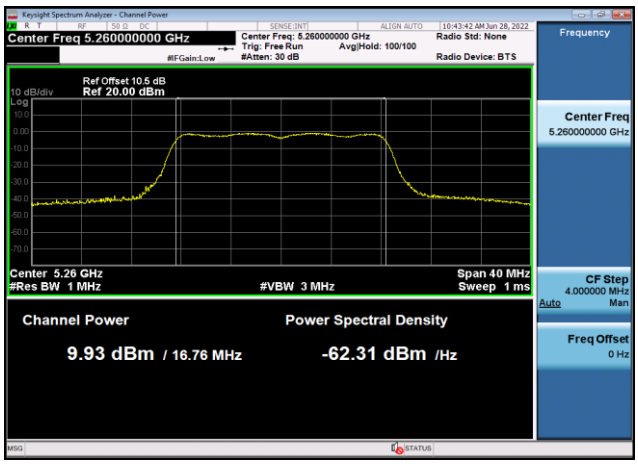
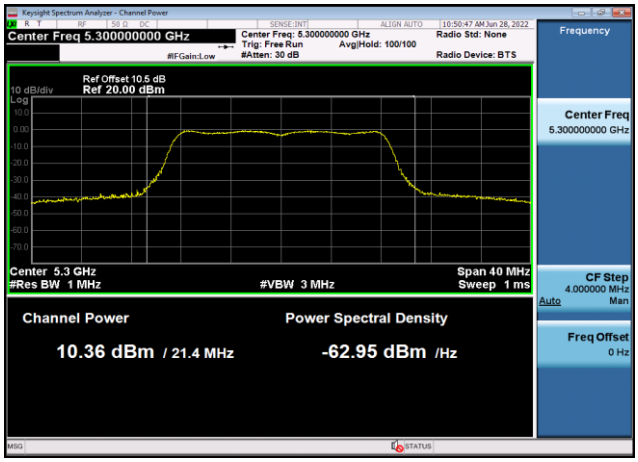
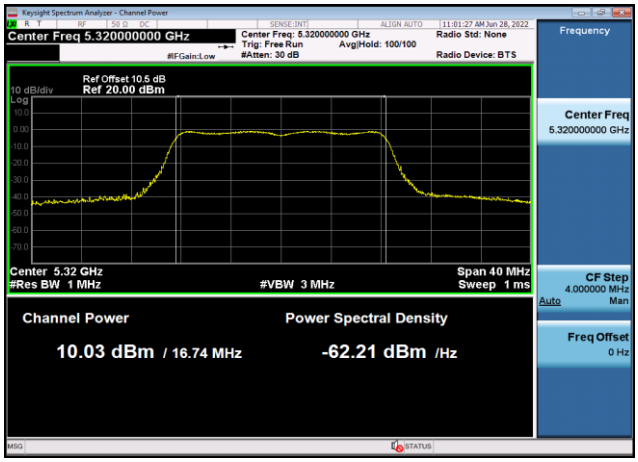
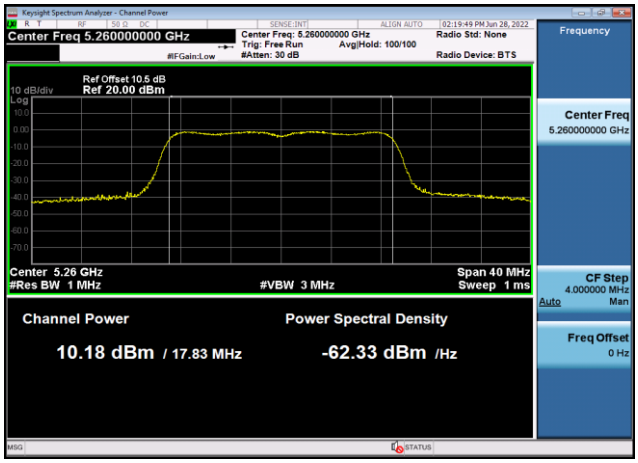
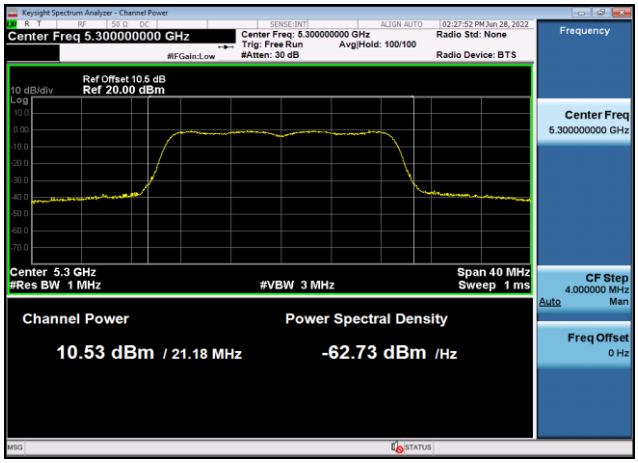
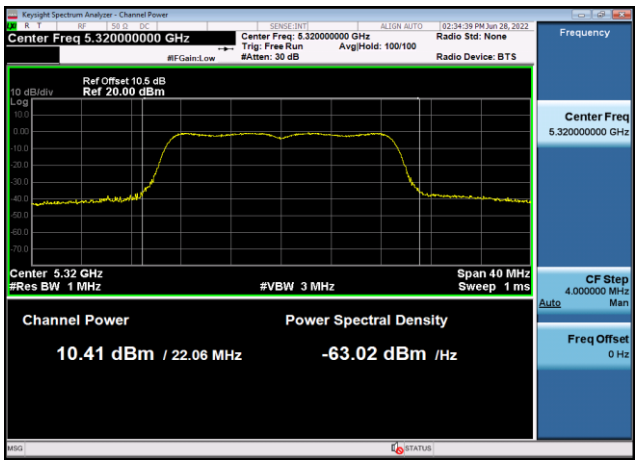
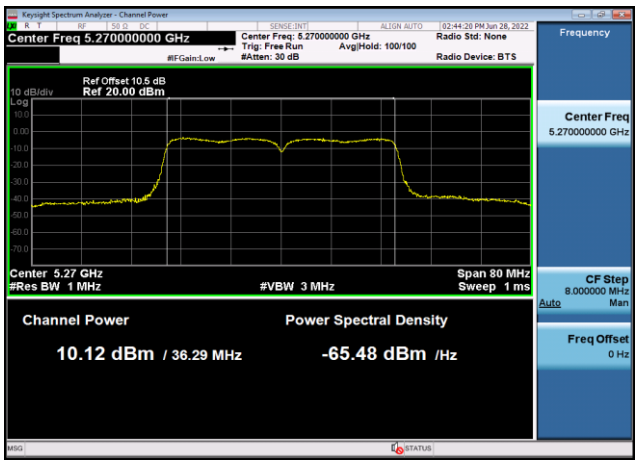
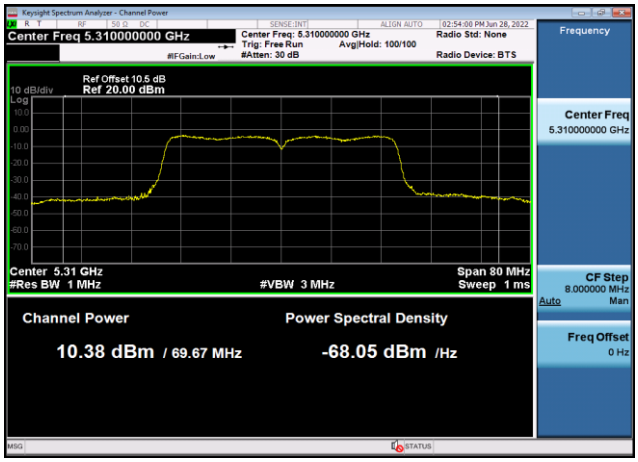
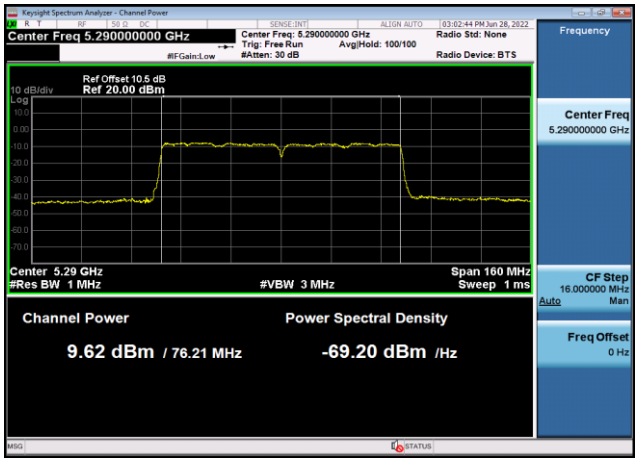
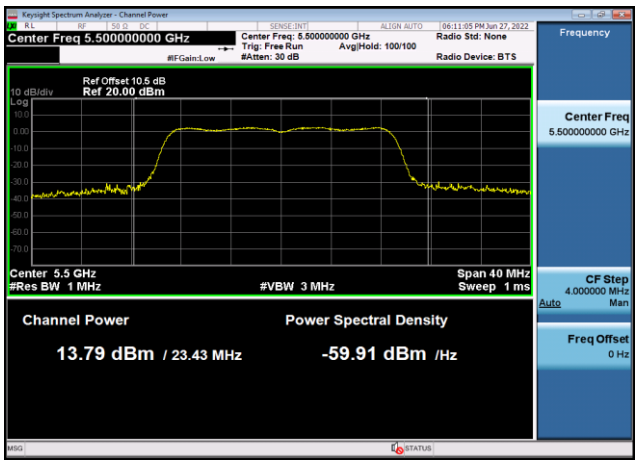
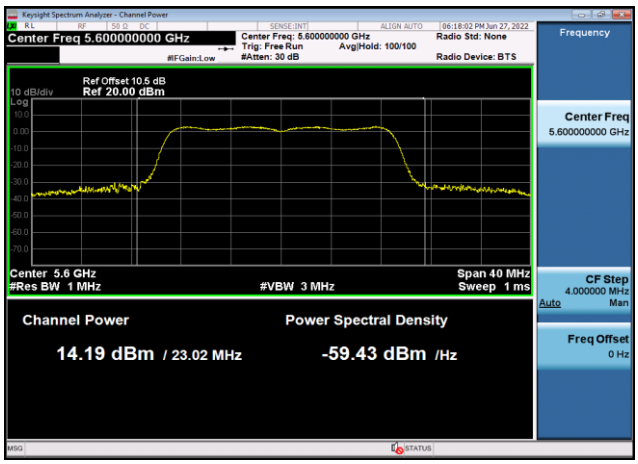
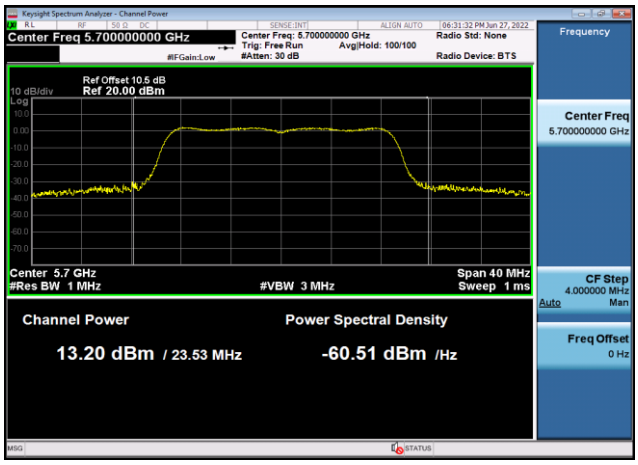
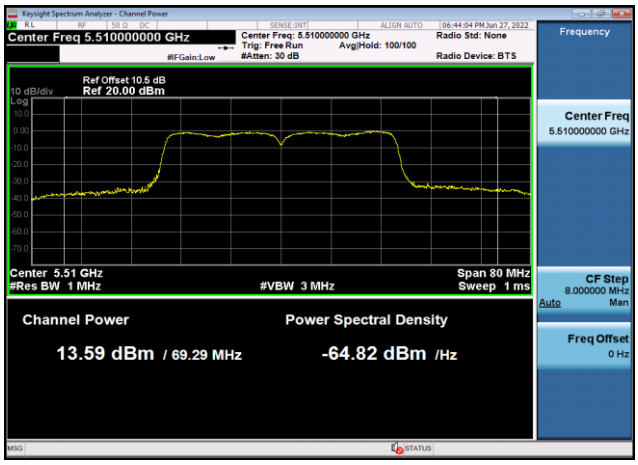
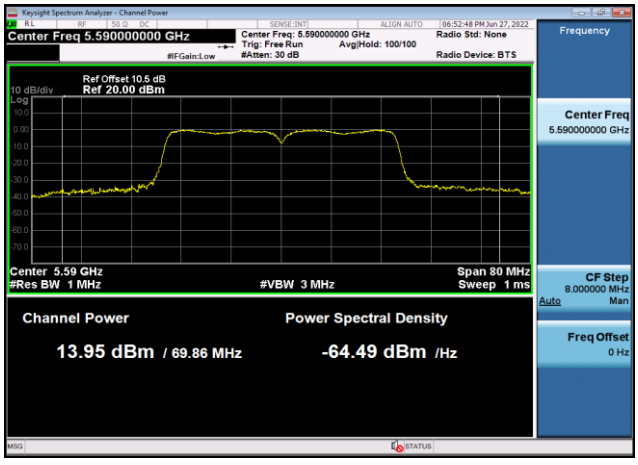
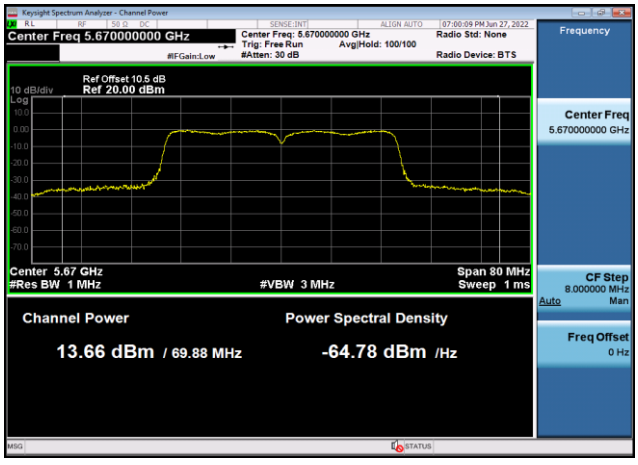
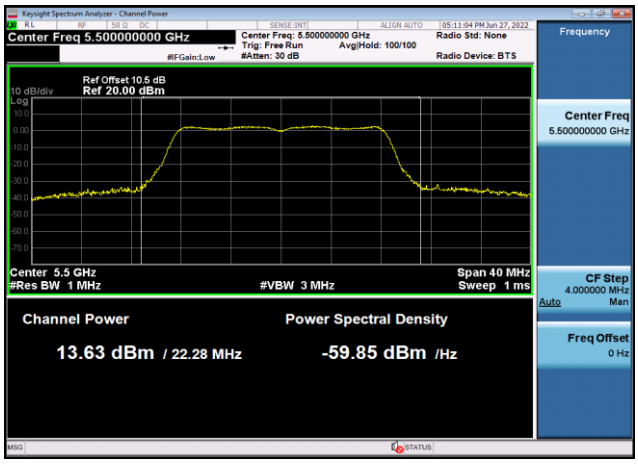
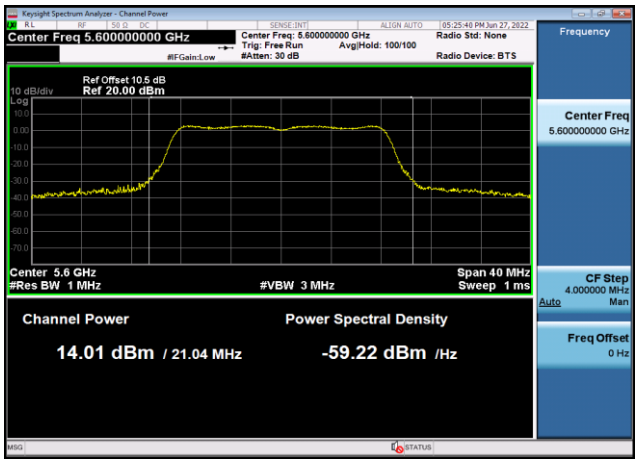
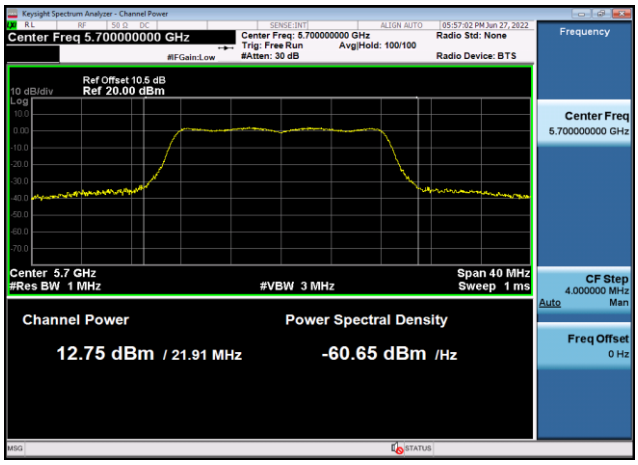
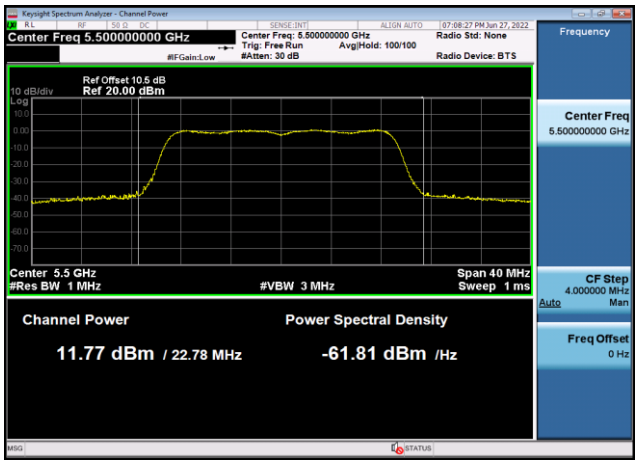
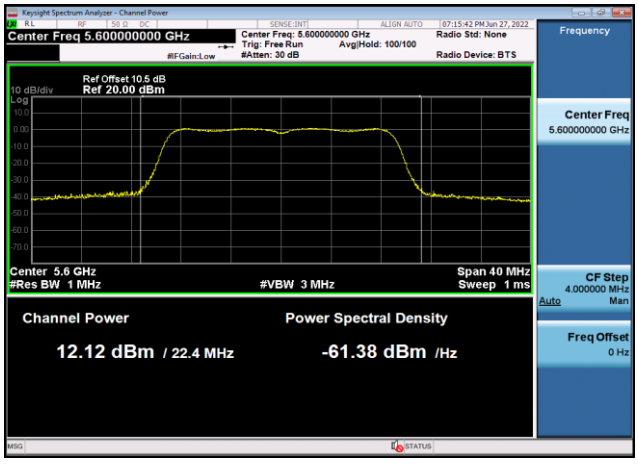
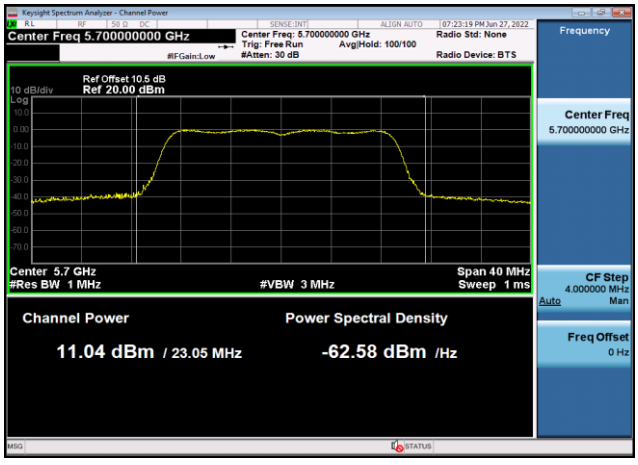
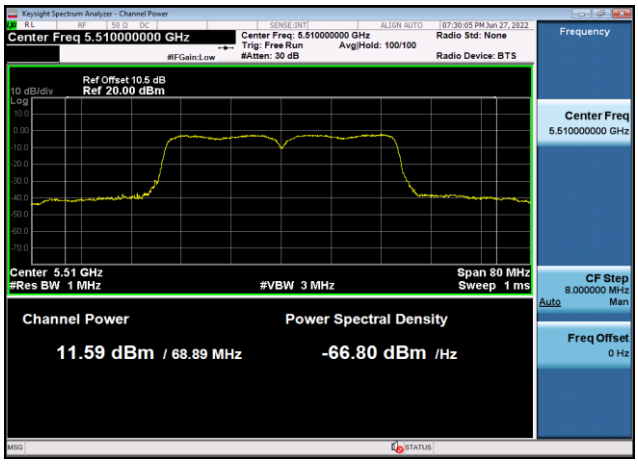
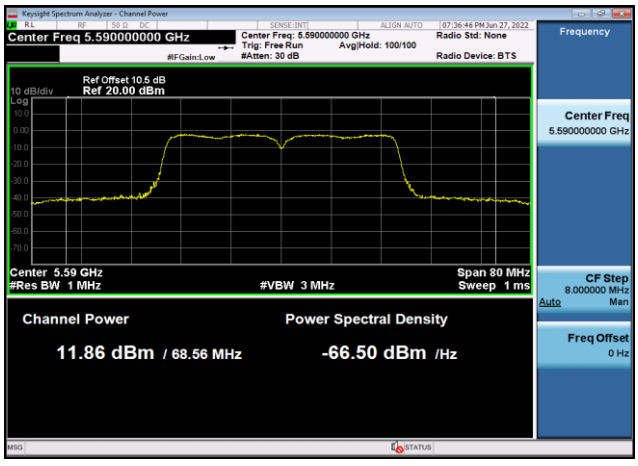
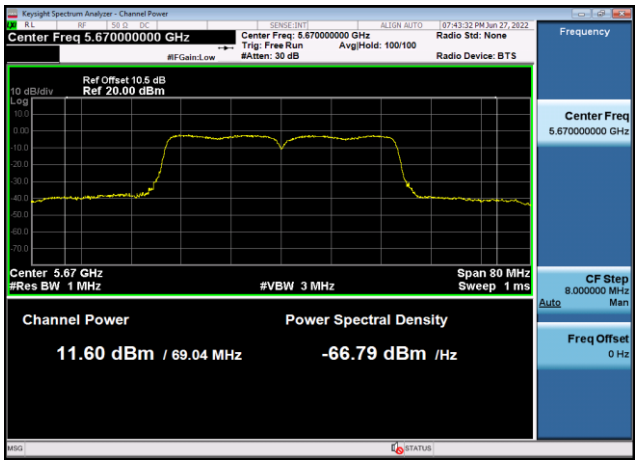
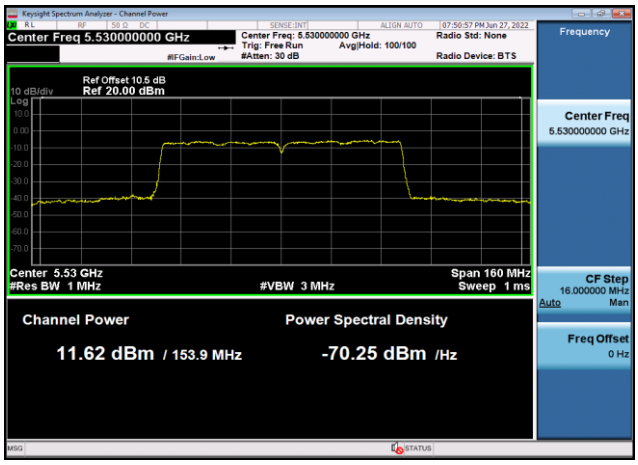
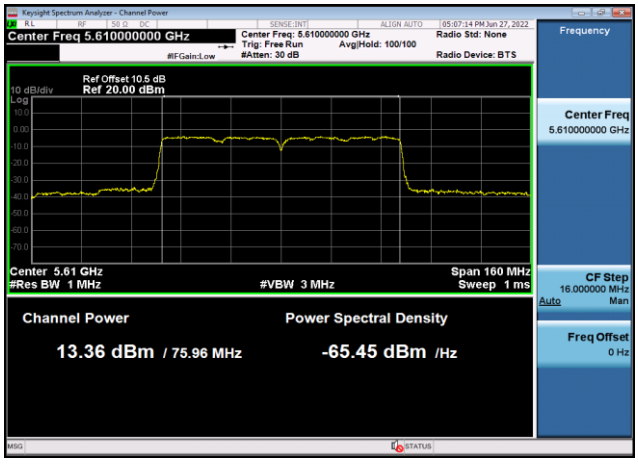
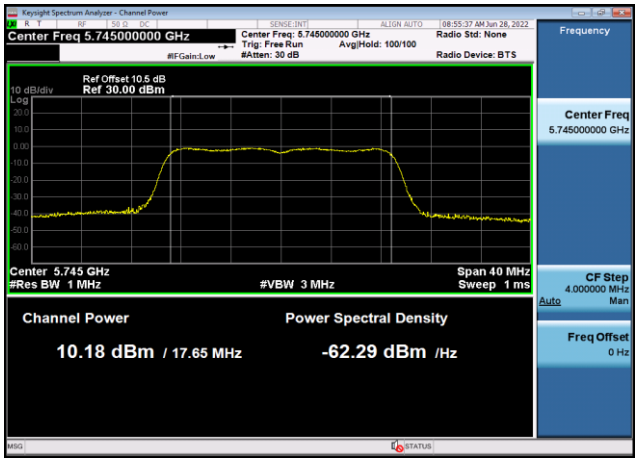
	
U-NII-2a Output Power-802.11n(20MHz) ,5320MHz,Ant1	U-NII-2a Output Power-802.11n(40MHz) ,5270MHz,Ant1
	

U-NII-2a Output Power-802.11n(40MHz) ,5310MHz,Ant1	U-NII-2a Output Power-802.11a(20MHz) ,5260MHz,Ant1
	
U-NII-2a Output Power-802.11a(20MHz) ,5300MHz,Ant1	U-NII-2a Output Power-802.11a(20MHz) ,5320MHz,Ant1
	
U-NII-2a Output Power-802.11ac(20MHz) ,5260MHz,Ant1	U-NII-2a Output Power-802.11ac(20MHz) ,5300MHz,Ant1
	

U-NII-2a Output Power-802.11ac(20MHz) ,5320MHz,Ant1	U-NII-2a Output Power-802.11ac(40MHz) ,5270MHz,Ant1
	
U-NII-2a Output Power-802.11ac(40MHz) ,5310MHz,Ant1	U-NII-2a Output Power-802.11ac(80MHz) ,5290MHz,Ant1
	
U-NII-2c Output Power-802.11n(20MHz) ,5500MHz,Ant1	U-NII-2c Output Power-802.11n(20MHz) ,5600MHz,Ant1
	

U-NII-2c Output Power-802.11n(20MHz) ,5700MHz,Ant1	U-NII-2c Output Power-802.11n(40MHz) ,5510MHz,Ant1
	
U-NII-2c Output Power-802.11n(40MHz) ,5590MHz,Ant1	U-NII-2c Output Power-802.11n(40MHz) ,5670MHz,Ant1
	
U-NII-2c Output Power-802.11a(20MHz) ,5500MHz,Ant1	U-NII-2c Output Power-802.11a(20MHz) ,5600MHz,Ant1
	

U-NII-2c Output Power-802.11a(20MHz) ,5700MHz,Ant1	U-NII-2c Output Power-802.11ac(20MHz) ,5500MHz,Ant1
	
U-NII-2c Output Power-802.11ac(20MHz) ,5600MHz,Ant1	U-NII-2c Output Power-802.11ac(20MHz) ,5700MHz,Ant1
	
U-NII-2c Output Power-802.11ac(40MHz) ,5510MHz,Ant1	U-NII-2c Output Power-802.11ac(40MHz) ,5590MHz,Ant1
	

U-NII-2c Output Power-802.11ac(40MHz) ,5670MHz,Ant1	U-NII-2c Output Power-802.11ac(80MHz) ,5530MHz,Ant1
	
U-NII-2c Output Power-802.11ac(80MHz) ,5610MHz,Ant1	U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant1
	
U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant1	U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant1