



RF TEST REPORT

Report No.: 20231017G13141X-W6

Product Name: 5G Mobile Phone

Model No.: NX769J

FCC ID: 2A9QD-NX769J

Applicant: Shenzhen Tengfei Technology Management Ltd.

Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District, Shenzhen, China

Dates of Testing: 10/09/2023 - 11/21/2023

Issued by: CCIC Southern Testing Co., Ltd.

Lab Location: Electronic Testing Building, No. 43 Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China.

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Test Report

Product: 5G Mobile Phone
Brand Name.....: REDMAGIC
Trade Name: REDMAGIC
Applicant.....: Shenzhen Tengfei Technology Management Ltd.
Applicant Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District, Shenzhen, China
Manufacturer: Shenzhen Tengfei Technology Management Ltd.
Manufacturer Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District, Shenzhen, China
Test Standards: 47 CFR Part 15 Subpart E 15.407
ANSI C63.10-2013
Test Result.....: Pass

Tested by:  2023.11.22
Chuiwang Zhang, Test Engineer

Reviewed by:  2023.11.22
Chris You, Senior Engineer

Approved by:  2023.11.22
Yang Fan, Manager

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Change History		
Issue	Date	Reason for change
1.0	2023.11.22	First edition

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	5G Mobile Phone	
EUT supports Radios application	WLAN5.0GHz 802.11a/n(HT20/HT40)/ac(VHT20/VHT40/VHT80/VHT160)/ ax(HE20/HE40/HE80/HE160/Tone RU)	
Product Type	Client devices	
Modulation Type	802.11a/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax: OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)	
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: up to 300 Mbps (2x2MIMO) 802.11ac: up to 1733.333 Mbps (2x2MIMO) 802.11ax: up to 2401.961 Mbps (2x2MIMO)	
Frequency Range	UNII-1: 5150 ~ 5250MHz, UNII-2a: 5250 ~ 5350MHz UNII-2c: 5470 ~ 5725MHz, UNII-3: 5725 ~ 5850MHz	
Channel Number	UNII-1: 4 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 2 for 802.11n(HT40), 802.11ac(VHT40), 802.11ax(HE40) 1 for 802.11ac(VHT80), 802.11ax(HE80) UNII-2a: 4 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 2 for 802.11n(HT40), 802.11ac(VHT40), 802.11ax(HE40) 1 for 802.11ac(VHT80), 802.11ax(HE80) 1 for 802.11ac(VHT160), 802.11ax(HE160) UNII-2c: 11 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 5 for 802.11n(HT40), 802.11ac(VHT40)), 802.11ax(HE40) 2 for 802.11ac(VHT80), 802.11ax(HE80) 1 for 802.11ac(VHT160), 802.11ax(HE160) UNII-3: 5 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 2 for 802.11n(HT40), 802.11ac(VHT40)), 802.11ax(HE40) 1 for 802.11ac(VHT80), 802.11ax(HE80)	
Antenna Type	Internal Antenna	
Antenna Gain	Antenna 7: -0.2dBi, Antenna 6: -0.5dBi	
Output Power (Max.)	UNII-1: 15.33dBm	UNII-2a: 15.28dBm
	UNII-2c: 15.03dBm	UNII-3: 14.60dBm
Power supply	Rechargeable Li-ion Polymer Battery DC (3.89*2Series)V/3100mAh	

Note 1: The information of antenna gain and cable loss is provided by the manufacturer and our lab is not responsible for the accuracy of the antenna gain and cable loss information.

Test Standards and Results

The purpose of the report is to conduct testing according to the following FCC 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

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

No.	FCC Rule	Description	Result
1	15.203 15.407(a)	Antenna Requirement	PASS
2	15.407(a)(1)(iv) 15.407 (a)(2) 15.407(a)(3)(i)	Maximum Conducted Output Power	PASS
3	15.407(a)(12)	26dB Emission Bandwidth 99% Occupied Bandwidth	PASS
4	15.407(e)	6dB Emission Bandwidth	PASS
5	15.407(a)(1)(iv) 15.407 (a)(2) 15.407(a)(3)(i)	Power spectral density (PSD)	PASS
6	15.207	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)	Radiated Band Edges and Spurious Emission	PASS
8	15.407(g)	Frequency Stability	PASS

1.2. Channel List

Operated band in 5150 MHz ~ 5250MHz

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

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

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

Channel	Frequency(MHz)	Channel	Frequency(MHz)
38	5190	46	5230

1 channels are provided for 802.11ac-VHT80 and 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
42	5210	/	/

Operated band in 5250 MHz ~ 5350MHz

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

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

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

Channel	Frequency(MHz)	Channel	Frequency(MHz)
54	5270	62	5310

1 channels are provided for 802.11ac-VHT80 and 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
58	5290	/	/

1 channels are provided for 802.11ac-VHT160 and 802.11ax-HE160.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
50	5250	/	/	/	/

Operated band in 5470 MHz ~ 5725MHz

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

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

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

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

2 channels are provided for 802.11ac-VHT80 and 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
106	5530	122	5610	/	/

1 channels are provided for 802.11ac-VHT160 and 802.11ax-HE160.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
114	5570	/	/	/	/

Operated band in 5725 MHz ~ 5850MHz

5 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20, 802.11ax-HE20.

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

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

Channel	Frequency(MHz)	Channel	Frequency(MHz)
151	5755	159	5795

1 channel are provided for 802.11ac-VHT80, 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
155	5775	/	/

1.3. Test environment and mode

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

Operating Environment	
Temperature	15°C - 35°C
Humidity	30% -60%
Atmospheric Pressure	86kPa-106kPa

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/ax-HE20(Full BW)	5180	5220	5240	MCS 0
802.11ax-HE20(RU26/52/106)	5180	5220	5240	MCS 0
802.11n-HT40/ac-VHT40/ax-HE40(Full BW)	5190	/	5230	MCS 0
802.11ac-VHT80/ax-HE80(Full BW)	/	5210	/	MCS 0
Note 1: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				
Note 2: The EUT supports the tone RU mode of 802.11ax-HE20/HE40/HE80/HE160 and has been tested. The report only reflects the worst-case(802.11ax-HE20(RU26/52/106)) test results.				

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/ax-HE20(Full BW)	5260	5300	5320	MCS 0
802.11ax-HE20(RU26/52/106)	5260	5300	5320	MCS 0
802.11n-HT40/ac-VHT40/ax-HE40(Full BW)	5270	/	5310	MCS 0
802.11ac-VHT80/ax-HE80(Full BW)	/	5290	/	MCS 0
802.11ac-VHT160/ax-HE160(Full BW)	/	5250	/	MCS 0
Note 1: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				
Note 2: The EUT supports the tone RU mode of 802.11ax-HE20/HE40/HE80/HE160 and has been tested. The report only reflects the worst-case(802.11ax-HE20(RU26/52/106)) test results.				

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/ax-HE20(Full BW)	5500	5600	5700	MCS 0
802.11ax-HE20(RU26/52/106)	5500	5600	5700	MCS 0
802.11n-HT40/ac-VHT40/ax-HE40(Full BW)	5510	5590	5670	MCS 0
802.11ac-VHT80/ax-HE80(Full BW)	5530	/	5610	MCS 0
802.11ac-VHT160/ax-HE160(Full BW)	/	5570	/	MCS 0
Note 1: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				
Note 2: The EUT supports the tone RU mode of 802.11ax-HE20/HE40/HE80/HE160 and has been tested. The report only reflects the worst-case(802.11ax-HE20(RU26/52/106)) test results.				

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/ax-HE20(Full BW)	5745	5785	5825	MCS 0
802.11ax-HE20(RU26/52/106)	5745	5785	5825	MCS 0
802.11n-HT40/ac-VHT40/ax-HE40(Full BW)	5755	/	5795	MCS 0
802.11ac-VHT80/ax-HE80(Full BW)	/	5775	/	MCS 0
Note 1: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				
Note 2: The EUT supports the tone RU mode of 802.11ax-HE20/HE40/HE80/HE160 and has been tested. The report only reflects the worst-case(802.11ax-HE20(RU26/52/106)) test results.				

1.4. Table for Supporting Units

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



1.5. 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 Jun. 30th, 2025.

ISED Registration: 11185A

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 on Aug. 04, 2016, valid time is until Jun. 30th, 2025.

CAB number: CN0064

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. Test 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.

2.1.2. Antenna Information

Antenna Category: Internal Antenna

A internal Antenna was soldered to the antenna port of EUT via an adaptor cable, can't be removed.

Antenna General Information:

For SISO, there is only one transmitter output therefore the directional gain is equal to the antenna gain.

For MIMO, since the EUT is uncorrelated with each other across all Tx chains. The directional gains are as follows:

Operating frequency range	Ant7 Antenna Gain (dBi)	Ant6 Antenna Gain (dBi)	Uncorrelated Chains Directional gain
UNII-1, UNII-2a, UNII-2c, UNII-3	-0.2dBi	-0.5dBi	-0.14dBi

Note 1: Uncorrelated directional gain = $10 \log[(10^{\text{Ant7}/10} + 10^{\text{Ant6}/10}) / N_{\text{ANT}}]$ dBi.

2.1.3. Result: comply

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

2.2. Maximum Conducted Output Power

2.2.1. Limit of Maximum Conducted Output Power

FCC Part 15.407(a):

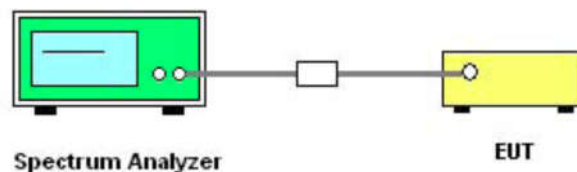
The maximum conducted output power should not exceed:

Band	EUT Category	Limit
U-NII-1	☐ Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 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.		

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 of KDB 789033 D02 v02r01 Section II.E.2.b and ANSI C63.10-2013 Section 12.3.2.2.
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. Power is calculated by integrating over the spectrum of the entire 99% OBW signal using the instrument's band power measurement feature.
4. Set span to encompass the entire 99% OBW of the signal.

5. Set RBW = 1MHz, VBW $\geq$ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
6. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Replace the EUT center frequency and repeat steps 3~7.

2.2.5. Test Results of Maximum Conducted Output Power

Please refer to APPENDIX A for detail.

2.3. Power spectral density (PSD)

2.3.1. Limit of Power Spectral Density

FCC Part 15.407(a)

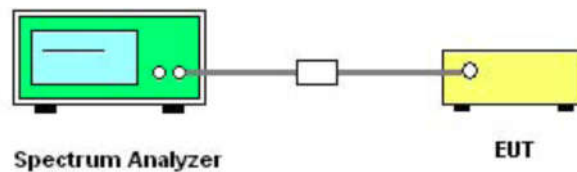
The maximum power spectral density should not exceed:

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

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.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 $\geq$ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
5. For U-NII-3 Band: Set RBW = 500kHz, VBW $\geq$ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
6. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
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.

2.3.5. Test Result of Power Spectral Density

Please refer to APPENDIX A for detail.

2.4. 26dB Emission Bandwidth and 99% Occupied Bandwidth

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

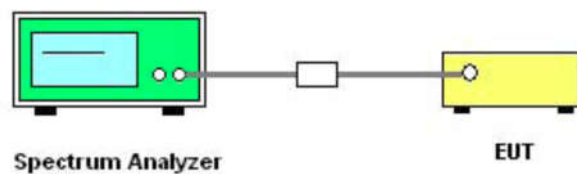
26dB Emission Bandwidth and 99% Occupied Bandwidth no Bandwidth limit.

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

2.4.2. Measuring Instruments

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

2.4.3. Test Description



2.4.4. 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.



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

Please refer to APPENDIX A for detail.

2.5. Frequency Stability

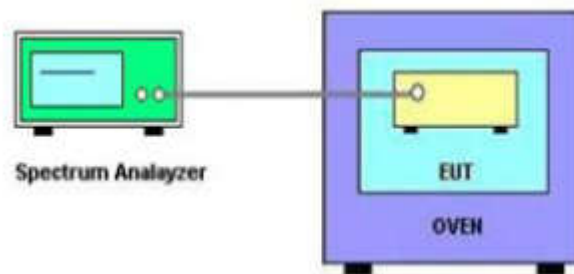
2.5.1. Limit of Frequency Stability

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°C 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°C to 50°C 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 Result 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 ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level ($\mu\text{V/m}$).
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 (dB $\mu\text{V/m}$)
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) $\text{EIRP}[\text{dBm}] = \text{E}[\text{dB}\mu\text{V/m}] + 20 \log(d[\text{m}]) - 104.77$, d is the measurement distance in m.
- 2) $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 68.2 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = -27\text{dBm}$.
 $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 105.2 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = 10\text{dBm}$.
 $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 110.8 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = 15.6\text{dBm}$.
 $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 122.2 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = 27\text{dBm}$.

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	/	/	/

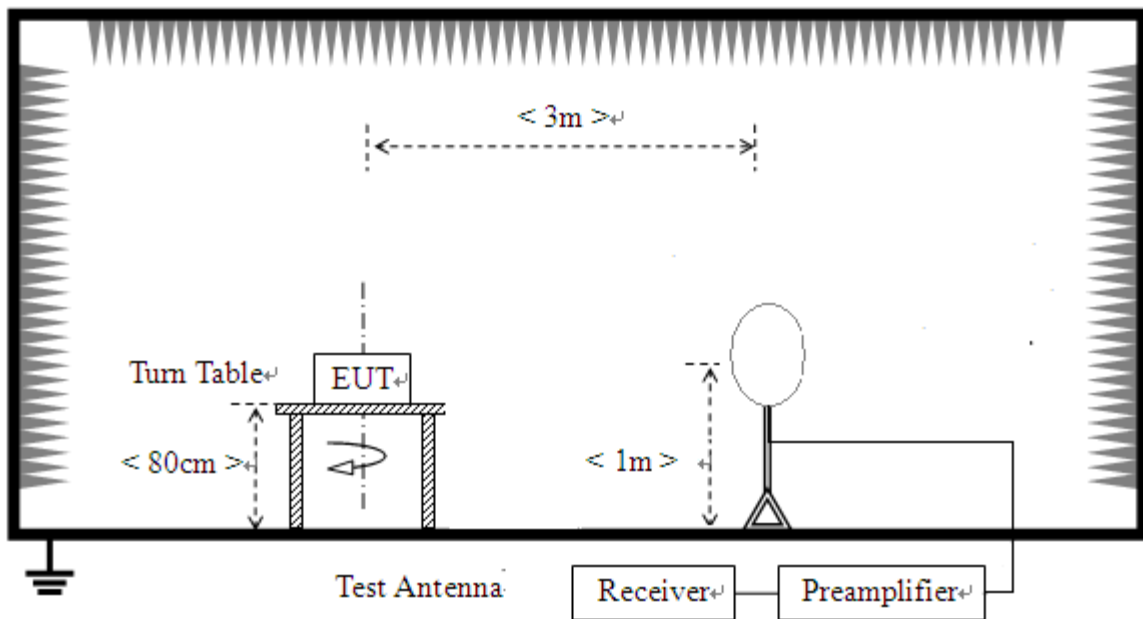
Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
²Above 38.6.

2.6.2. Measuring Instruments

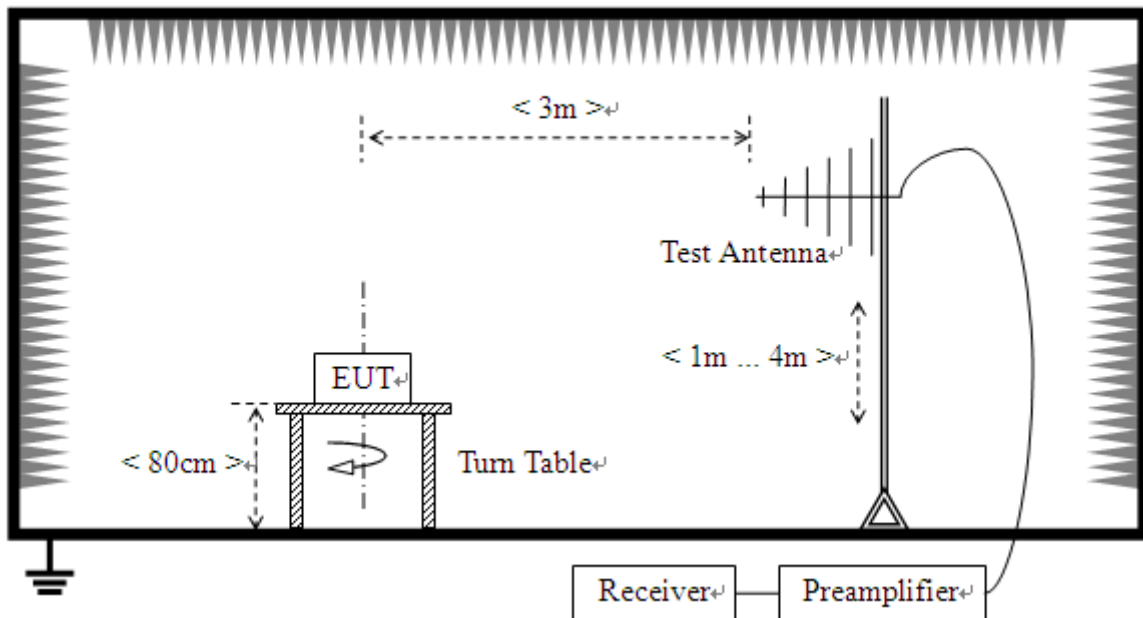
The measuring equipment is listed in the section 3 of this test report.

2.6.3. Test Setup

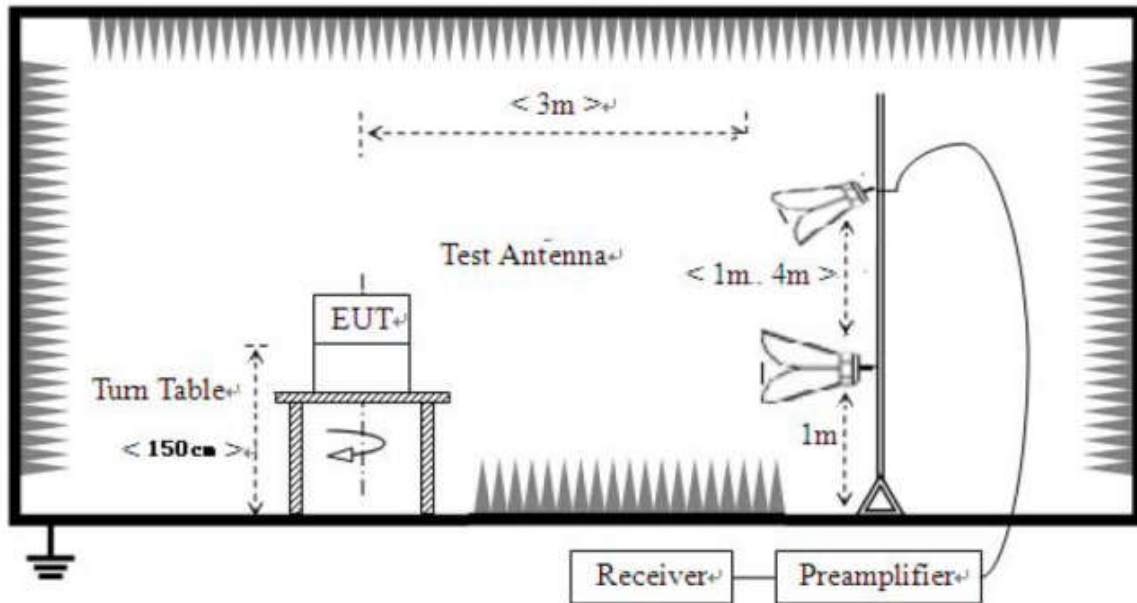
For radiated emissions from 9 kHz to 30 MHz



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 ($10 \log(1/\text{duty cycle})$).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
5. Only worst-Case mode data provide here, 802.11a (20MHz) 5180MHz for Below 1GHz.

2.6.5. Test Result 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 1GHz, All of the EUT Configure mode were tested and found 802.11n_5180MHz(MIMO) channel is the worst mode, the worst case is recorded in this report.

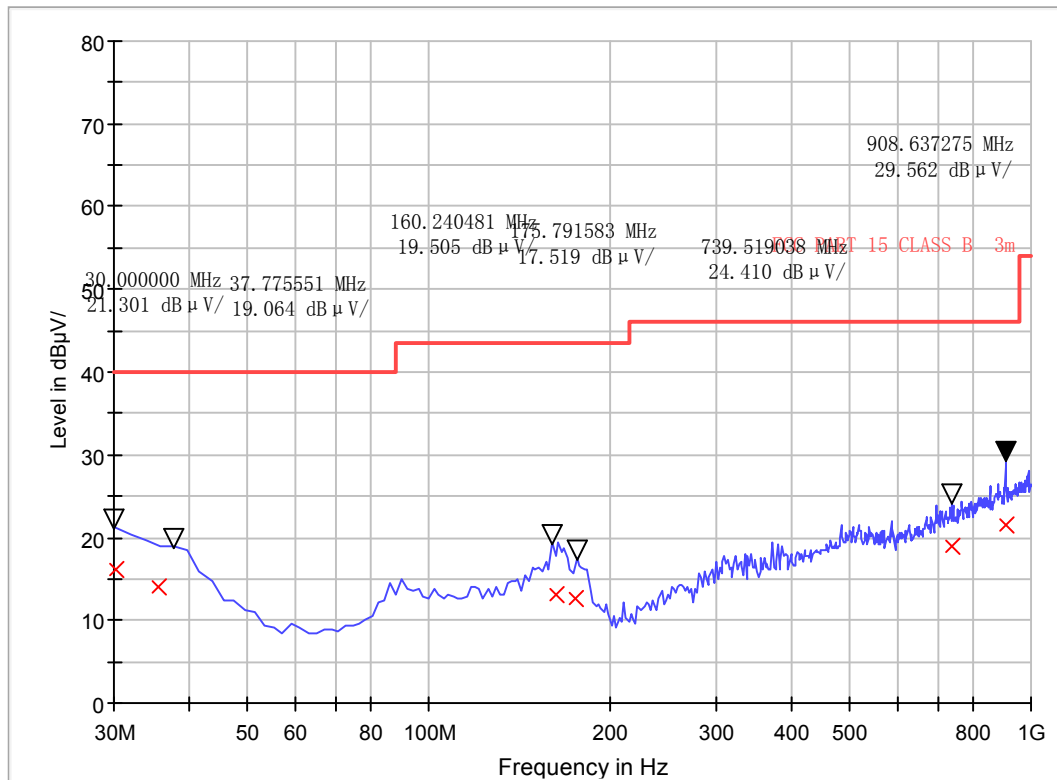
For 1GHz to 18GHz, Only worst-case data is reported.

For above 18GHz, 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

Test site:	3M anechoic chamber	Environment:	Temp: 23°C; Humi:48%;101kPa
Operator:	Deng ShanFei	Test Date:	2023.10.16
Test Mode:	5G WIFI - TX	Test Result:	Pass

EMI Sweep-3M(30-1G)



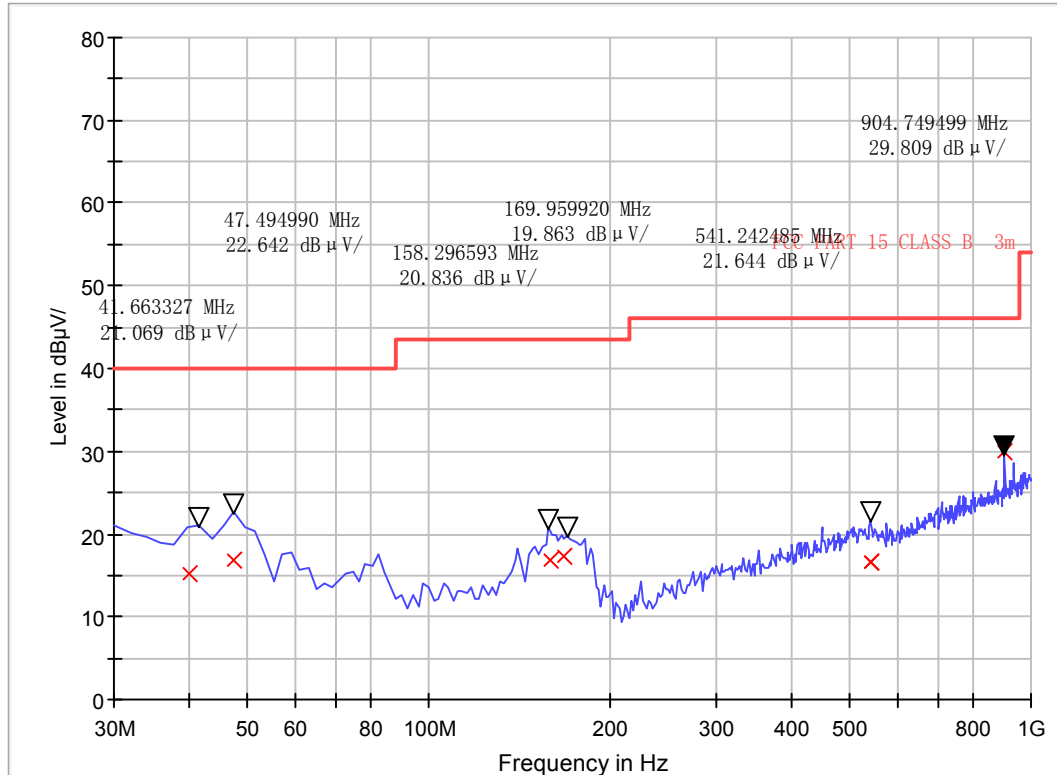
Frequency (MHz)	QuasiPeak (dBμV/m)	Bandwidth (kHz)	Height (cm)	Polarity	Corr. (dB/m)	Margin - QPK	Limit - QPK
30.240000	16.0	120.000	100.0	H	20.9	24.0	40.0
35.440000	14.0	120.000	100.0	H	18.6	26.0	40.0
162.160000	13.2	120.000	100.0	H	13.2	30.3	43.5
175.480000	12.7	120.000	100.0	H	12.2	30.8	43.5
739.240000	18.9	120.000	100.0	H	22.8	27.1	46.0
910.480000	21.5	120.000	100.0	H	24.5	24.5	46.0

Remark:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB).
- Margin value = Limit value - Emission Level.
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- Only the antenna height (from 1m to 4m) at maximum reading are recorded.

Test site:	3M anechoic chamber	Environment:	Temp: 23°C; Humi:48%;101kPa
Operator:	Deng ShanFei	Test Date:	2023.10.16
Test Mode:	5G WIFI - TX	Test Result:	Pass

EMI Sweep-3M(30-1G)



Frequency (MHz)	QuasiPeak (dB μ V/m)	Bandwidth (kHz)	Height (cm)	Polarity	Corr. (dB/m)	Margin - QPK	Limit - QPK
39.960000	15.3	120.000	100.0	V	16.8	24.7	40.0
47.360000	16.8	120.000	100.0	V	11.8	23.2	40.0
159.240000	16.9	120.000	100.0	V	13.4	26.7	43.5
167.480000	17.2	120.000	100.0	V	12.8	26.3	43.5
540.520000	16.6	120.000	100.0	V	20.2	29.5	46.0
904.600000	30.0	120.000	100.0	V	24.4	16.0	46.0

Remark:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB).
- Margin value = Limit value - Emission Level.
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- Only the antenna height (from 1m to 4m) at maximum reading are recorded.

For 1GHz to 18 GHz

U-NII-1_802.11a_5180MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	55.20	68.20	-13.00	1.50	140	54.76	0.44	Horizontal	Peak
5150.00	43.61	54.00	-10.39	1.50	140	43.17	0.44	Horizontal	Average
10360.00	53.17	68.20	-15.03	1.50	140	42.71	10.46	Horizontal	Peak
10360.00	43.60	54.00	-10.40	1.50	140	33.14	10.46	Horizontal	Average
5150.00	49.67	68.20	-18.53	1.50	280	49.23	0.44	Vertical	Peak
5150.00	40.02	54.00	-13.98	1.50	280	39.58	0.44	Vertical	Average
10360.00	53.22	68.20	-14.98	1.50	280	42.76	10.46	Vertical	Peak
10360.00	43.50	54.00	-10.50	1.50	280	33.04	10.46	Vertical	Average
U-NII-1_802.11a_5220MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
10440.00	53.26	68.20	-14.94	1.50	140	42.46	10.80	Horizontal	Peak
10440.00	43.52	54.00	-10.48	1.50	140	32.72	10.80	Horizontal	Average
10440.00	53.37	68.20	-14.83	1.50	280	42.57	10.80	Vertical	Peak
10440.00	43.69	54.00	-10.31	1.50	280	32.89	10.80	Vertical	Average
U-NII-1_802.11a_5240MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	47.64	68.20	-20.56	1.50	140	47.39	0.25	Horizontal	Peak
5350.00	38.22	54.00	-15.78	1.50	140	37.97	0.25	Horizontal	Average
10480.00	53.32	68.20	-14.88	1.50	140	42.32	11.00	Horizontal	Peak
10480.00	43.71	54.00	-10.29	1.50	140	32.71	11.00	Horizontal	Average
5350.00	47.32	68.20	-20.88	1.50	280	47.07	0.25	Vertical	Peak
5350.00	38.15	54.00	-15.85	1.50	280	37.90	0.25	Vertical	Average
10480.00	53.36	68.20	-14.84	1.50	280	42.36	11.00	Vertical	Peak
10480.00	43.24	54.00	-10.76	1.50	280	32.24	11.00	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-1_802.11ax-HE20(Full BW)_5180MHz - MIMO									
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	55.77	68.20	-12.43	1.50	140	55.33	0.44	Horizontal	Peak
5150.00	43.09	54.00	-10.91	1.50	140	42.65	0.44	Horizontal	Average
10360.00	52.46	68.20	-15.74	1.50	140	42.00	10.46	Horizontal	Peak
10360.00	43.41	54.00	-10.59	1.50	140	32.95	10.46	Horizontal	Average
5150.00	49.91	68.20	-18.29	1.50	280	49.47	0.44	Vertical	Peak
5150.00	39.60	54.00	-14.40	1.50	280	39.16	0.44	Vertical	Average
10360.00	54.11	68.20	-14.09	1.50	280	43.65	10.46	Vertical	Peak
10360.00	44.05	54.00	-9.95	1.50	280	33.59	10.46	Vertical	Average
U-NII-1_802.11ax-HE20(Full BW)_5220MHz - MIMO									
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	53.36	68.20	-14.84	1.50	140	42.56	10.80	Horizontal	Peak
10440.00	43.67	54.00	-10.33	1.50	140	32.87	10.80	Horizontal	Average
10440.00	53.38	68.20	-14.82	1.50	280	42.58	10.80	Vertical	Peak
10440.00	43.37	54.00	-10.63	1.50	280	32.57	10.80	Vertical	Average
U-NII-1_802.11ax-HE20(Full BW)_5240MHz - MIMO									
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	48.95	68.20	-19.25	1.50	140	48.70	0.25	Horizontal	Peak
5350.00	37.82	54.00	-16.18	1.50	140	37.57	0.25	Horizontal	Average
10480.00	53.67	68.20	-14.53	1.50	140	42.67	11.00	Horizontal	Peak
10480.00	44.19	54.00	-9.81	1.50	140	33.19	11.00	Horizontal	Average
5350.00	47.11	68.20	-21.09	1.50	280	46.86	0.25	Vertical	Peak
5350.00	37.53	54.00	-16.47	1.50	280	37.28	0.25	Vertical	Average
10480.00	53.83	68.20	-14.37	1.50	280	42.83	11.00	Vertical	Peak
10480.00	42.33	54.00	-11.67	1.50	280	31.33	11.00	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-1_802.11ax-HE20(RU 26/1)_5180MHz - MIMO									
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	56.40	68.20	-11.80	1.50	140	55.96	0.44	Horizontal	Peak
5150.00	42.99	54.00	-11.01	1.50	140	42.55	0.44	Horizontal	Average
10360.00	52.92	68.20	-15.28	1.50	140	42.46	10.46	Horizontal	Peak
10360.00	43.14	54.00	-10.86	1.50	140	32.68	10.46	Horizontal	Average
5150.00	49.60	68.20	-18.60	1.50	280	49.16	0.44	Vertical	Peak
5150.00	38.54	54.00	-15.46	1.50	280	38.10	0.44	Vertical	Average
10360.00	54.29	68.20	-13.91	1.50	280	43.83	10.46	Vertical	Peak
10360.00	44.69	54.00	-9.31	1.50	280	34.23	10.46	Vertical	Average
U-NII-1_802.11ax-HE20(RU 26/1)_5220MHz - MIMO									
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	53.10	68.20	-15.10	1.50	140	42.30	10.80	Horizontal	Peak
10440.00	43.48	54.00	-10.52	1.50	140	32.68	10.80	Horizontal	Average
10440.00	53.24	68.20	-14.96	1.50	280	42.44	10.80	Vertical	Peak
10440.00	43.77	54.00	-10.23	1.50	280	32.97	10.80	Vertical	Average
U-NII-1_802.11ax-HE20(RU 26/1)_5240MHz - MIMO									
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	48.53	68.20	-19.67	1.50	140	48.28	0.25	Horizontal	Peak
5350.00	38.12	54.00	-15.88	1.50	140	37.87	0.25	Horizontal	Average
10480.00	53.64	68.20	-14.56	1.50	140	42.64	11.00	Horizontal	Peak
10480.00	44.28	54.00	-9.72	1.50	140	33.28	11.00	Horizontal	Average
5350.00	46.61	68.20	-21.59	1.50	280	46.36	0.25	Vertical	Peak
5350.00	37.56	54.00	-16.44	1.50	280	37.31	0.25	Vertical	Average
10480.00	53.57	68.20	-14.63	1.50	280	42.57	11.00	Vertical	Peak
10480.00	42.24	54.00	-11.76	1.50	280	31.24	11.00	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-1_802.11ax-HE40_5190MHz - MIMO

Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	55.71	68.20	-12.49	1.50	140	55.27	0.44	Horizontal	Peak
5150.00	43.39	54.00	-10.61	1.50	140	42.95	0.44	Horizontal	Average
10380.00	52.86	68.20	-15.34	1.50	140	42.33	10.53	Horizontal	Peak
10380.00	42.92	54.00	-11.08	1.50	140	32.39	10.53	Horizontal	Average
5150.00	49.84	68.20	-18.36	1.50	280	49.40	0.44	Vertical	Peak
5150.00	39.33	54.00	-14.67	1.50	280	38.89	0.44	Vertical	Average
10380.00	54.45	68.20	-13.75	1.50	280	43.92	10.53	Vertical	Peak
10380.00	44.28	54.00	-9.72	1.50	280	33.75	10.53	Vertical	Average

U-NII-1_802.11ax-HE40_5230MHz - MIMO

Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	49.18	68.20	-19.02	1.50	140	48.93	0.25	Horizontal	Peak
5350.00	38.26	54.00	-15.74	1.50	140	38.01	0.25	Horizontal	Average
10460.00	53.21	68.20	-14.99	1.50	140	42.30	10.91	Horizontal	Peak
10460.00	44.45	54.00	-9.55	1.50	140	33.54	10.91	Horizontal	Average
5350.00	47.24	68.20	-20.96	1.50	280	46.99	0.25	Vertical	Peak
5350.00	37.32	54.00	-16.68	1.50	280	37.07	0.25	Vertical	Average
10460.00	54.20	68.20	-14.00	1.50	280	43.29	10.91	Vertical	Peak
10460.00	42.20	54.00	-11.80	1.50	280	31.29	10.91	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.
5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

U-NII-1_802.11ax-HE80_5210MHz - MIMO									
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	55.88	68.20	-12.32	1.50	140	55.44	0.44	Horizontal	Peak
5150.00	43.24	54.00	-10.76	1.50	140	42.80	0.44	Horizontal	Average
5350.00	48.70	68.20	-19.50	1.50	140	48.45	0.25	Horizontal	Peak
5350.00	38.28	54.00	-15.72	1.50	140	38.03	0.25	Horizontal	Average
10420.00	53.72	68.20	-14.48	1.50	140	43.01	10.71	Horizontal	Peak
10420.00	44.15	54.00	-9.85	1.50	280	33.44	10.71	Horizontal	Average
5150.00	49.31	68.20	-18.89	1.50	280	48.87	0.44	Vertical	Peak
5150.00	39.09	54.00	-14.91	1.50	280	38.65	0.44	Vertical	Average
5350.00	46.37	68.20	-21.83	1.50	280	46.12	0.25	Vertical	Peak
5350.00	37.82	54.00	-16.18	1.50	280	37.57	0.25	Vertical	Average
10420.00	52.86	68.20	-15.34	1.50	280	42.15	10.71	Vertical	Peak
10420.00	42.93	54.00	-11.07	1.50	280	32.22	10.71	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2A_802.11a_5260MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	55.35	68.20	-12.85	1.50	140	54.91	0.44	Horizontal	Peak
5150.00	43.36	54.00	-10.64	1.50	140	42.92	0.44	Horizontal	Average
10520.00	53.38	68.20	-14.82	1.50	140	42.20	11.18	Horizontal	Peak
10520.00	43.91	54.00	-10.09	1.50	140	32.73	11.18	Horizontal	Average
5150.00	49.99	68.20	-18.21	1.50	280	49.55	0.44	Vertical	Peak
5150.00	40.11	54.00	-13.89	1.50	280	39.67	0.44	Vertical	Average
10520.00	52.99	68.20	-15.21	1.50	280	41.81	11.18	Vertical	Peak
10520.00	43.16	54.00	-10.84	1.50	280	31.98	11.18	Vertical	Average
U-NII-2A_802.11a_5300MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
10600.00	51.93	68.20	-16.27	1.50	140	40.41	11.52	Horizontal	Peak
10600.00	43.90	54.00	-10.10	1.50	140	32.38	11.52	Horizontal	Average
10600.00	53.86	68.20	-14.34	1.50	280	42.34	11.52	Vertical	Peak
10600.00	44.08	54.00	-9.92	1.50	280	32.56	11.52	Vertical	Average
U-NII-2A_802.11a_5320MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	46.84	68.20	-21.36	1.50	140	46.59	0.25	Horizontal	Peak
5350.00	38.65	54.00	-15.35	1.50	140	38.40	0.25	Horizontal	Average
10640.00	53.25	68.20	-14.95	1.50	140	41.93	11.32	Horizontal	Peak
10640.00	43.47	54.00	-10.53	1.50	140	32.15	11.32	Horizontal	Average
5350.00	47.11	68.20	-21.09	1.50	280	46.86	0.25	Vertical	Peak
5350.00	37.78	54.00	-16.22	1.50	280	37.53	0.25	Vertical	Average
10640.00	53.18	68.20	-15.02	1.50	280	41.86	11.32	Vertical	Peak
10640.00	43.00	54.00	-11.00	1.50	280	31.68	11.32	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2A_802.11ax-HE20(Full BW)_5260MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	56.06	68.20	-12.14	1.50	140	55.62	0.44	Horizontal	Peak
5150.00	43.72	54.00	-10.28	1.50	140	43.28	0.44	Horizontal	Average
10520.00	53.61	68.20	-14.59	1.50	140	42.43	11.18	Horizontal	Peak
10520.00	43.38	54.00	-10.62	1.50	140	32.20	11.18	Horizontal	Average
5150.00	48.59	68.20	-19.61	1.50	280	48.15	0.44	Vertical	Peak
5150.00	40.84	54.00	-13.16	1.50	280	40.40	0.44	Vertical	Average
10520.00	53.16	68.20	-15.04	1.50	280	41.98	11.18	Vertical	Peak
10520.00	43.65	54.00	-10.35	1.50	280	32.47	11.18	Vertical	Average
U-NII-2A_802.11ax-HE20(Full BW)_5300MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
10600.00	51.60	68.20	-16.60	1.50	140	40.08	11.52	Horizontal	Peak
10600.00	44.19	54.00	-9.81	1.50	140	32.67	11.52	Horizontal	Average
10600.00	54.10	68.20	-14.10	1.50	280	42.58	11.52	Vertical	Peak
10600.00	44.54	54.00	-9.46	1.50	280	33.02	11.52	Vertical	Average
U-NII-2A_802.11ax-HE20(Full BW)_5320MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	47.22	68.20	-20.98	1.50	140	46.97	0.25	Horizontal	Peak
5350.00	38.38	54.00	-15.62	1.50	140	38.13	0.25	Horizontal	Average
10640.00	53.08	68.20	-15.12	1.50	140	41.76	11.32	Horizontal	Peak
10640.00	43.83	54.00	-10.17	1.50	140	32.51	11.32	Horizontal	Average
5350.00	48.05	68.20	-20.15	1.50	280	47.80	0.25	Vertical	Peak
5350.00	38.62	54.00	-15.38	1.50	280	38.37	0.25	Vertical	Average
10640.00	53.18	68.20	-15.02	1.50	280	41.86	11.32	Vertical	Peak
10640.00	42.23	54.00	-11.77	1.50	280	30.91	11.32	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2A_802.11ax-HE20(RU 26/1)_5260MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	55.50	68.20	-12.70	1.50	140	55.06	0.44	Horizontal	Peak
5150.00	43.31	54.00	-10.69	1.50	140	42.87	0.44	Horizontal	Average
10520.00	53.07	68.20	-15.13	1.50	140	41.89	11.18	Horizontal	Peak
10520.00	44.09	54.00	-9.91	1.50	140	32.91	11.18	Horizontal	Average
5150.00	49.38	68.20	-18.82	1.50	280	48.94	0.44	Vertical	Peak
5150.00	40.51	54.00	-13.49	1.50	280	40.07	0.44	Vertical	Average
10520.00	52.95	68.20	-15.25	1.50	280	41.77	11.18	Vertical	Peak
10520.00	43.62	54.00	-10.38	1.50	280	32.44	11.18	Vertical	Average
U-NII-2A_802.11ax-HE20(RU 26/1)_5300MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
10600.00	51.39	68.20	-16.81	1.50	140	39.87	11.52	Horizontal	Peak
10600.00	44.02	54.00	-9.98	1.50	140	32.50	11.52	Horizontal	Average
10600.00	54.35	68.20	-13.85	1.50	280	42.83	11.52	Vertical	Peak
10600.00	44.56	54.00	-9.44	1.50	280	33.04	11.52	Vertical	Average
U-NII-2A_802.11ax-HE20(RU 26/1)_5320MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	47.29	68.20	-20.91	1.50	140	47.04	0.25	Horizontal	Peak
5350.00	38.49	54.00	-15.51	1.50	140	38.24	0.25	Horizontal	Average
10640.00	53.35	68.20	-14.85	1.50	140	42.03	11.32	Horizontal	Peak
10640.00	43.50	54.00	-10.50	1.50	140	32.18	11.32	Horizontal	Average
5350.00	47.40	68.20	-20.80	1.50	280	47.15	0.25	Vertical	Peak
5350.00	38.14	54.00	-15.86	1.50	280	37.89	0.25	Vertical	Average
10640.00	53.32	68.20	-14.88	1.50	280	42.00	11.32	Vertical	Peak
10640.00	42.75	54.00	-11.25	1.50	280	31.43	11.32	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2A_802.11ax-HE40_5270MHz - MIMO

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	55.60	68.20	-12.60	1.50	280	55.16	0.44	Horizontal	Peak
5150.00	43.43	54.00	-10.57	1.50	280	42.99	0.44	Horizontal	Average
10540.00	53.24	68.20	-14.96	1.50	280	41.98	11.26	Horizontal	Peak
10540.00	43.22	54.00	-10.78	1.50	280	31.96	11.26	Horizontal	Average
5150.00	48.86	68.20	-19.34	1.50	280	48.42	0.44	Vertical	Peak
5150.00	40.39	54.00	-13.61	1.50	280	39.95	0.44	Vertical	Average
10540.00	53.58	68.20	-14.62	1.50	280	42.32	11.26	Vertical	Peak
10540.00	43.21	54.00	-10.79	1.50	280	31.95	11.26	Vertical	Average

U-NII-2A_802.11ax-HE40_5310MHz - MIMO

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	47.42	68.20	-20.78	1.50	280	47.17	0.25	Horizontal	Peak
5350.00	37.90	54.00	-16.10	1.50	280	37.65	0.25	Horizontal	Average
10620.00	52.69	68.20	-15.51	1.50	280	41.28	11.41	Horizontal	Peak
10620.00	43.46	54.00	-10.54	1.50	280	32.05	11.41	Horizontal	Average
5350.00	47.79	68.20	-20.41	1.50	280	47.54	0.25	Vertical	Peak
5350.00	38.84	54.00	-15.16	1.50	280	38.59	0.25	Vertical	Average
10620.00	53.61	68.20	-14.59	1.50	280	42.20	11.41	Vertical	Peak
10620.00	42.53	54.00	-11.47	1.50	280	31.12	11.41	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.
5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

U-NII-2A_802.11ax-HE80_5290MHz - MIMO									
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	55.01	68.20	-13.19	1.50	140	54.57	0.44	Horizontal	Peak
5150.00	43.45	54.00	-10.55	1.50	140	43.01	0.44	Horizontal	Average
5350.00	46.94	68.20	-21.26	1.50	140	46.69	0.25	Horizontal	Peak
5350.00	39.12	54.00	-14.88	1.50	140	38.87	0.25	Horizontal	Average
10580.00	53.32	68.20	-14.88	1.50	140	41.88	11.44	Horizontal	Peak
10580.00	43.77	54.00	-10.23	1.50	140	32.33	11.44	Horizontal	Average
5150.00	49.26	68.20	-18.94	1.50	280	48.82	0.44	Vertical	Peak
5150.00	40.16	54.00	-13.84	1.50	280	39.72	0.44	Vertical	Average
5350.00	47.90	68.20	-20.30	1.50	280	47.65	0.25	Vertical	Peak
5350.00	38.08	54.00	-15.92	1.50	280	37.83	0.25	Vertical	Average
10580.00	53.02	68.20	-15.18	1.50	280	41.58	11.44	Vertical	Peak
10580.00	43.33	54.00	-10.67	1.50	280	31.89	11.44	Vertical	Average
U-NII-2A_802.11ax-HE160_5250MHz - MIMO									
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	55.34	68.20	-12.86	1.50	140	54.90	0.44	Horizontal	Peak
5150.00	43.90	54.00	-10.10	1.50	140	43.46	0.44	Horizontal	Average
5350.00	46.63	68.20	-21.57	1.50	140	46.38	0.25	Horizontal	Peak
5350.00	39.51	54.00	-14.49	1.50	140	39.26	0.25	Horizontal	Average
10500.00	53.03	68.20	-15.17	1.50	140	41.94	11.09	Horizontal	Peak
10500.00	43.68	54.00	-10.32	1.50	140	32.59	11.09	Horizontal	Average
5150.00	48.91	68.20	-19.29	1.50	280	48.47	0.44	Vertical	Peak
5150.00	40.08	54.00	-13.92	1.50	280	39.64	0.44	Vertical	Average
5350.00	47.74	68.20	-20.46	1.50	280	47.49	0.25	Vertical	Peak
5350.00	38.14	54.00	-15.86	1.50	280	37.89	0.25	Vertical	Average
10500.00	52.72	68.20	-15.48	1.50	280	41.63	11.09	Vertical	Peak
10500.00	43.13	54.00	-10.87	1.50	280	32.04	11.09	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2C_802.11a_5500MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	49.38	68.20	-18.82	1.50	140	49.42	-0.04	Horizontal	Peak
5470.00	40.04	54.00	-13.96	1.50	140	40.08	-0.04	Horizontal	Average
11000.00	53.11	68.20	-15.09	1.50	140	41.69	11.42	Horizontal	Peak
11000.00	44.30	54.00	-9.70	1.50	140	32.88	11.42	Horizontal	Average
5470.00	49.42	68.20	-18.78	1.50	280	49.46	-0.04	Vertical	Peak
5470.00	40.28	54.00	-13.72	1.50	280	40.32	-0.04	Vertical	Average
11000.00	53.40	68.20	-14.80	1.50	280	41.98	11.42	Vertical	Peak
11000.00	44.32	54.00	-9.68	1.50	280	32.90	11.42	Vertical	Average
U-NII-2C_802.11a_5600MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
11200.00	53.24	68.20	-14.96	1.50	140	42.27	10.97	Horizontal	Peak
11200.00	44.39	54.00	-9.61	1.50	140	33.42	10.97	Horizontal	Average
11200.00	53.31	68.20	-14.89	1.50	280	42.34	10.97	Vertical	Peak
11200.00	44.41	54.00	-9.59	1.50	280	33.44	10.97	Vertical	Average
U-NII-2C_802.11a_5700MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	48.63	68.20	-19.57	1.50	140	47.33	1.30	Horizontal	Peak
5725.00	39.86	54.00	-14.14	1.50	140	38.56	1.30	Horizontal	Average
11400.00	53.32	68.20	-14.88	1.50	140	41.85	11.47	Horizontal	Peak
11400.00	44.47	54.00	-9.53	1.50	140	33.00	11.47	Horizontal	Average
5725.00	49.58	68.20	-18.62	1.50	280	48.28	1.30	Vertical	Peak
5725.00	41.06	54.00	-12.94	1.50	280	39.76	1.30	Vertical	Average
11400.00	53.74	68.20	-14.46	1.50	280	42.27	11.47	Vertical	Peak
11400.00	44.56	54.00	-9.44	1.50	280	33.09	11.47	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2C_802.11ax-HE20(Full BW)_5500MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	48.38	68.20	-19.82	1.50	140	48.42	-0.04	Horizontal	Peak
5470.00	39.08	54.00	-14.92	1.50	140	39.12	-0.04	Horizontal	Average
11000.00	53.86	68.20	-14.34	1.50	140	42.40	11.46	Horizontal	Peak
11000.00	44.07	54.00	-9.93	1.50	140	32.61	11.46	Horizontal	Average
5470.00	49.52	68.20	-18.68	1.50	280	49.56	-0.04	Vertical	Peak
5470.00	40.01	54.00	-13.99	1.50	280	40.05	-0.04	Vertical	Average
11000.00	53.55	68.20	-14.65	1.50	280	42.09	11.46	Vertical	Peak
11000.00	43.97	54.00	-10.03	1.50	280	32.51	11.46	Vertical	Average
U-NII-2C_802.11ax-HE20(Full BW)_5600MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
11200.00	52.20	68.20	-16.00	1.50	140	41.11	11.09	Horizontal	Peak
11200.00	44.04	54.00	-9.96	1.50	140	32.95	11.09	Horizontal	Average
11200.00	52.86	68.20	-15.34	1.50	280	41.77	11.09	Vertical	Peak
11200.00	44.18	54.00	-9.82	1.50	280	33.09	11.09	Vertical	Average
U-NII-2C_802.11ax-HE20(Full BW)_5700MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	48.80	68.20	-19.40	1.50	140	47.50	1.30	Horizontal	Peak
5725.00	39.84	54.00	-14.16	1.50	140	38.54	1.30	Horizontal	Average
11400.00	53.14	68.20	-15.06	1.50	140	41.72	11.42	Horizontal	Peak
11400.00	44.94	54.00	-9.06	1.50	140	33.52	11.42	Horizontal	Average
5725.00	49.60	68.20	-18.60	1.50	280	48.30	1.30	Vertical	Peak
5725.00	41.94	54.00	-12.06	1.50	280	40.64	1.30	Vertical	Average
11400.00	52.36	68.20	-15.84	1.50	280	40.94	11.42	Vertical	Peak
11400.00	45.68	54.00	-8.32	1.50	280	34.26	11.42	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2C_802.11ax-HE20(RU 26/1)_5500MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	49.10	68.20	-19.10	1.50	140	49.14	-0.04	Horizontal	Peak
5470.00	39.68	54.00	-14.32	1.50	140	39.72	-0.04	Horizontal	Average
11000.00	53.74	68.20	-14.46	1.50	140	42.32	11.42	Horizontal	Peak
11000.00	43.61	54.00	-10.39	1.50	140	32.19	11.42	Horizontal	Average
5470.00	49.26	68.20	-18.94	1.50	280	49.30	-0.04	Vertical	Peak
5470.00	39.83	54.00	-14.17	1.50	280	39.87	-0.04	Vertical	Average
11000.00	53.72	68.20	-14.48	1.50	280	42.30	11.42	Vertical	Peak
11000.00	44.59	54.00	-9.41	1.50	280	33.17	11.42	Vertical	Average
U-NII-2C_802.11ax-HE20(RU 26/1)_5600MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
11200.00	53.08	68.20	-15.12	1.50	140	42.11	10.97	Horizontal	Peak
11200.00	44.03	54.00	-9.97	1.50	140	33.06	10.97	Horizontal	Average
11200.00	53.15	68.20	-15.05	1.50	280	42.18	10.97	Vertical	Peak
11200.00	44.75	54.00	-9.25	1.50	280	33.78	10.97	Vertical	Average
U-NII-2C_802.11ax-HE20(RU 26/1)_5700MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	48.17	68.20	-20.03	1.50	140	46.87	1.30	Horizontal	Peak
5725.00	39.75	54.00	-14.25	1.50	140	38.45	1.30	Horizontal	Average
11400.00	53.70	68.20	-14.50	1.50	140	42.23	11.47	Horizontal	Peak
11400.00	44.57	54.00	-9.43	1.50	140	33.10	11.47	Horizontal	Average
5725.00	49.54	68.20	-18.66	1.50	280	48.24	1.30	Vertical	Peak
5725.00	42.06	54.00	-11.94	1.50	280	40.76	1.30	Vertical	Average
11400.00	52.63	68.20	-15.57	1.50	280	41.16	11.47	Vertical	Peak
11400.00	45.05	54.00	-8.95	1.50	280	33.58	11.47	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2C_802.11ax-HE40_5510MHz - MIMO

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	47.91	68.20	-20.29	1.50	140	47.95	-0.04	Horizontal	Peak
5470.00	38.77	54.00	-15.23	1.50	140	38.81	-0.04	Horizontal	Average
11020.00	53.50	68.20	-14.70	1.50	140	42.04	11.46	Horizontal	Peak
11020.00	43.91	54.00	-10.09	1.50	140	32.45	11.46	Horizontal	Average
5470.00	49.32	68.20	-18.88	1.50	280	49.36	-0.04	Vertical	Peak
5470.00	40.42	54.00	-13.58	1.50	280	40.46	-0.04	Vertical	Average
11020.00	53.84	68.20	-14.36	1.50	280	42.38	11.46	Vertical	Peak
11020.00	43.62	54.00	-10.38	1.50	280	32.16	11.46	Vertical	Average

U-NII-2C_802.11ax-HE40_5590MHz - MIMO

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	52.12	68.20	-16.08	1.50	140	41.03	11.09	Horizontal	Peak
11180.00	44.31	54.00	-9.69	1.50	140	33.22	11.09	Horizontal	Average
11180.00	52.89	68.20	-15.31	1.50	280	41.80	11.09	Vertical	Peak
11180.00	43.89	54.00	-10.11	1.50	280	32.80	11.09	Vertical	Average

U-NII-2C_802.11ax-HE40_5670MHz - MIMO

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	48.64	68.20	-19.56	1.50	140	47.34	1.30	Horizontal	Peak
5725.00	39.82	54.00	-14.18	1.50	140	38.52	1.30	Horizontal	Average
11340.00	53.01	68.20	-15.19	1.50	140	41.59	11.42	Horizontal	Peak
11340.00	44.65	54.00	-9.35	1.50	140	33.23	11.42	Horizontal	Average
5725.00	49.23	68.20	-18.97	1.50	280	47.93	1.30	Vertical	Peak
5725.00	41.63	54.00	-12.37	1.50	280	40.33	1.30	Vertical	Average
11340.00	52.81	68.20	-15.39	1.50	280	41.39	11.42	Vertical	Peak
11340.00	45.51	54.00	-8.49	1.50	280	34.09	11.42	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.
5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

U-NII-2C_802.11ax-HE80_5530MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	48.50	68.20	-19.70	1.50	140	48.54	-0.04	Horizontal	Peak
5470.00	39.02	54.00	-14.98	1.50	140	39.06	-0.04	Horizontal	Average
11060.00	53.30	68.20	-14.90	1.50	140	41.77	11.53	Horizontal	Peak
11060.00	44.33	54.00	-9.67	1.50	140	32.80	11.53	Horizontal	Average
5470.00	49.60	68.20	-18.60	1.50	280	49.64	-0.04	Vertical	Peak
5470.00	40.97	54.00	-13.03	1.50	280	41.01	-0.04	Vertical	Average
11060.00	53.64	68.20	-14.56	1.50	280	42.11	11.53	Vertical	Peak
11060.00	44.09	54.00	-9.91	1.50	280	32.56	11.53	Vertical	Average
U-NII-2C_802.11ax-HE80_5610MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	48.20	68.20	-20.00	1.50	140	46.90	1.30	Horizontal	Peak
5725.00	39.91	54.00	-14.09	1.50	140	38.61	1.30	Horizontal	Average
11220.00	52.99	68.20	-15.21	1.50	140	41.94	11.05	Horizontal	Peak
11220.00	44.41	54.00	-9.59	1.50	140	33.36	11.05	Horizontal	Average
5725.00	48.95	68.20	-19.25	1.50	280	47.65	1.30	Vertical	Peak
5725.00	42.04	54.00	-11.96	1.50	280	40.74	1.30	Vertical	Average
11220.00	53.21	68.20	-14.99	1.50	280	42.16	11.05	Vertical	Peak
11220.00	45.06	54.00	-8.94	1.50	280	34.01	11.05	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-2C_802.11ax-HE160_5570MHz - MIMO									
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	48.74	68.20	-19.46	1.50	140	48.78	-0.04	Horizontal	Peak
5470.00	39.68	54.00	-14.32	1.50	140	39.72	-0.04	Horizontal	Average
5725.00	48.00	68.20	-20.20	1.50	140	46.70	1.30	Horizontal	Peak
5725.00	40.47	54.00	-13.53	1.50	140	39.17	1.30	Horizontal	Average
11140.00	53.59	68.20	-14.61	1.50	140	42.24	11.35	Horizontal	Peak
11140.00	43.95	54.00	-10.05	1.50	140	32.60	11.35	Horizontal	Average
5470.00	49.77	68.20	-18.43	1.50	280	49.81	-0.04	Vertical	Peak
5470.00	40.52	54.00	-13.48	1.50	280	40.56	-0.04	Vertical	Average
5725.00	49.03	68.20	-19.17	1.50	280	47.73	1.30	Vertical	Peak
5725.00	41.86	54.00	-12.14	1.50	280	40.56	1.30	Vertical	Average
11140.00	52.94	68.20	-15.26	1.50	280	41.59	11.35	Vertical	Peak
11140.00	44.77	54.00	-9.23	1.50	280	33.42	11.35	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-3_802.11a_5745MHz - Ant7									
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	51.48	68.20	-16.72	1.50	140	50.68	0.80	Horizontal	Peak
5700.00	52.01	105.20	-53.19	1.50	140	50.77	1.24	Horizontal	Peak
5720.00	52.12	110.80	-58.68	1.50	140	50.84	1.28	Horizontal	Peak
5725.00	51.93	122.20	-70.27	1.50	140	50.63	1.30	Horizontal	Peak
11490.00	53.26	68.20	-14.94	1.50	140	41.71	11.55	Horizontal	Peak
11490.00	43.71	54.00	-10.29	1.50	140	32.16	11.55	Horizontal	Average
5650.00	51.29	68.20	-16.91	1.50	280	50.49	0.80	Vertical	Peak
5700.00	52.04	105.20	-53.16	1.50	280	50.80	1.24	Vertical	Peak
5720.00	51.05	110.80	-59.75	1.50	280	49.77	1.28	Vertical	Peak
5725.00	51.54	122.20	-70.66	1.50	280	50.24	1.30	Vertical	Peak
11490.00	53.17	68.20	-15.03	1.50	280	41.62	11.55	Vertical	Peak
11490.00	43.12	54.00	-10.88	1.50	280	31.57	11.55	Vertical	Average
U-NII-3_802.11a_5825MHz - Ant7									
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	51.84	122.20	-70.36	1.50	140	50.02	1.82	Horizontal	Peak
5855.00	52.50	110.80	-58.30	1.50	140	50.65	1.85	Horizontal	Peak
5875.00	51.82	105.20	-53.38	1.50	140	49.84	1.98	Horizontal	Peak
5925.00	53.35	68.20	-14.85	1.50	140	51.23	2.12	Horizontal	Peak
11650.00	53.36	68.20	-14.84	1.50	140	41.72	11.64	Horizontal	Peak
11650.00	43.78	54.00	-10.22	1.50	140	32.14	11.64	Horizontal	Average
5850.00	51.93	122.20	-70.27	1.50	280	50.11	1.82	Vertical	Peak
5855.00	51.32	110.80	-59.48	1.50	280	49.47	1.85	Vertical	Peak
5875.00	52.96	105.20	-52.24	1.50	280	50.98	1.98	Vertical	Peak
5925.00	53.06	68.20	-15.14	1.50	280	50.94	2.12	Vertical	Peak
11650.00	53.26	68.20	-14.94	1.50	280	41.62	11.64	Vertical	Peak
11650.00	43.29	54.00	-10.71	1.50	280	31.65	11.64	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. 5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-3_802.11ax-HE20(Full BW)_5745MHz - MIMO

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	51.55	68.20	-16.65	1.50	140	50.75	0.80	Horizontal	Peak
5700.00	52.06	105.20	-53.14	1.50	140	50.82	1.24	Horizontal	Peak
5720.00	51.82	110.80	-58.98	1.50	140	50.54	1.28	Horizontal	Peak
5725.00	51.94	122.20	-70.26	1.50	140	50.64	1.30	Horizontal	Peak
11490.00	53.08	68.20	-15.12	1.50	140	41.53	11.55	Horizontal	Peak
11490.00	43.06	54.00	-10.94	1.50	140	31.51	11.55	Horizontal	Average
5650.00	50.53	68.20	-17.67	1.50	280	49.73	0.80	Vertical	Peak
5700.00	52.19	105.20	-53.01	1.50	280	50.95	1.24	Vertical	Peak
5720.00	50.86	110.80	-59.94	1.50	280	49.58	1.28	Vertical	Peak
5725.00	51.49	122.20	-70.71	1.50	280	50.19	1.30	Vertical	Peak
11490.00	53.43	68.20	-14.77	1.50	280	41.88	11.55	Vertical	Peak
11490.00	42.65	54.00	-11.35	1.50	280	31.10	11.55	Vertical	Average

U-NII-3_802.11ax-HE20(Full BW)_5825MHz - MIMO

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	52.35	122.20	-69.85	1.50	140	50.53	1.82	Horizontal	Peak
5855.00	51.89	110.80	-58.91	1.50	140	50.04	1.85	Horizontal	Peak
5875.00	52.50	105.20	-52.70	1.50	140	50.52	1.98	Horizontal	Peak
5925.00	53.20	68.20	-15.00	1.50	140	51.08	2.12	Horizontal	Peak
11650.00	52.26	68.20	-15.94	1.50	140	40.62	11.64	Horizontal	Peak
11650.00	43.43	54.00	-10.57	1.50	140	31.79	11.64	Horizontal	Average
5850.00	51.30	122.20	-70.90	1.50	280	49.48	1.82	Vertical	Peak
5855.00	50.86	110.80	-59.94	1.50	280	49.01	1.85	Vertical	Peak
5875.00	52.30	105.20	-52.90	1.50	280	50.32	1.98	Vertical	Peak
5925.00	52.54	68.20	-15.66	1.50	280	50.42	2.12	Vertical	Peak
11650.00	54.08	68.20	-14.12	1.50	280	42.44	11.64	Vertical	Peak
11650.00	43.94	54.00	-10.06	1.50	280	32.30	11.64	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.
5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

U-NII-3_802.11ax-HE20(RU 26/1)_5745MHz - MIMO

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	52.16	68.20	-16.04	1.50	140	51.36	0.80	Horizontal	Peak
5700.00	52.42	105.20	-52.78	1.50	140	51.18	1.24	Horizontal	Peak
5720.00	52.16	110.80	-58.64	1.50	140	50.88	1.28	Horizontal	Peak
5725.00	51.91	122.20	-70.29	1.50	140	50.61	1.30	Horizontal	Peak
11490.00	52.44	68.20	-15.76	1.50	140	40.89	11.55	Horizontal	Peak
11490.00	42.93	54.00	-11.07	1.50	140	31.38	11.55	Horizontal	Average
5650.00	50.19	68.20	-18.01	1.50	280	49.39	0.80	Vertical	Peak
5700.00	52.35	105.20	-52.85	1.50	280	51.11	1.24	Vertical	Peak
5720.00	50.61	110.80	-60.19	1.50	280	49.33	1.28	Vertical	Peak
5725.00	51.08	122.20	-71.12	1.50	280	49.78	1.30	Vertical	Peak
11490.00	53.93	68.20	-14.27	1.50	280	42.38	11.55	Vertical	Peak
11490.00	42.57	54.00	-11.43	1.50	280	31.02	11.55	Vertical	Average

U-NII-3_802.11ax-HE20(RU 26/1)_5825MHz - MIMO

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	52.71	122.20	-69.49	1.50	140	50.89	1.82	Horizontal	Peak
5855.00	51.46	110.80	-59.34	1.50	140	49.61	1.85	Horizontal	Peak
5875.00	52.71	105.20	-52.49	1.50	140	50.73	1.98	Horizontal	Peak
5925.00	53.35	68.20	-14.85	1.50	140	51.23	2.12	Horizontal	Peak
11650.00	52.36	68.20	-15.84	1.50	140	40.72	11.64	Horizontal	Peak
11650.00	43.86	54.00	-10.14	1.50	140	32.22	11.64	Horizontal	Average
5850.00	51.00	122.20	-71.20	1.50	280	49.18	1.82	Vertical	Peak
5855.00	50.90	110.80	-59.90	1.50	280	49.05	1.85	Vertical	Peak
5875.00	52.45	105.20	-52.75	1.50	280	50.47	1.98	Vertical	Peak
5925.00	52.80	68.20	-15.40	1.50	280	50.68	2.12	Vertical	Peak
11650.00	54.52	68.20	-13.68	1.50	280	42.88	11.64	Vertical	Peak
11650.00	44.27	54.00	-9.73	1.50	280	32.63	11.64	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.
5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

U-NII-3_802.11a_5875MHz - Ant7									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
11570.00	53.12	68.20	-15.08	1.50	140	41.60	11.52	Horizontal	Peak
11570.00	43.52	54.00	-10.48	1.50	140	32.00	11.52	Horizontal	Average
11570.00	52.36	68.20	-15.84	1.50	280	40.84	11.52	Vertical	Peak
11570.00	52.41	54.00	-1.59	1.50	280	40.89	11.52	Vertical	Average
U-NII-3_802.11ax-HE20(Full BW)_5785MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
11570.00	52.73	68.20	-15.47	1.50	140	41.21	11.52	Horizontal	Peak
11570.00	43.19	54.00	-10.81	1.50	140	31.67	11.52	Horizontal	Average
11570.00	52.11	68.20	-16.09	1.50	280	40.59	11.52	Vertical	Peak
11570.00	51.33	54.00	-2.67	1.50	280	39.81	11.52	Vertical	Average
U-NII-3_802.11ax-HE20(RU 26/1)_5785MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
11570.00	52.93	68.20	-15.27	1.50	140	41.41	11.52	Horizontal	Peak
11570.00	43.03	54.00	-10.97	1.50	140	31.51	11.52	Horizontal	Average
11570.00	51.61	68.20	-16.59	1.50	280	40.09	11.52	Vertical	Peak
11570.00	51.30	54.00	-2.70	1.50	280	39.78	11.52	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

U-NII-3_802.11ax-HE40_5755MHz - MIMO

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	51.86	68.20	-16.34	1.50	140	51.06	0.80	Horizontal	Peak
5700.00	52.00	105.20	-53.20	1.50	140	50.76	1.24	Horizontal	Peak
5720.00	52.15	110.80	-58.65	1.50	140	50.87	1.28	Horizontal	Peak
5725.00	52.38	122.20	-69.82	1.50	140	51.08	1.30	Horizontal	Peak
11510.00	52.92	68.20	-15.28	1.50	140	41.36	11.56	Horizontal	Peak
11510.00	42.97	54.00	-11.03	1.50	140	31.41	11.56	Horizontal	Average
5650.00	50.31	68.20	-17.89	1.50	280	49.51	0.80	Vertical	Peak
5700.00	52.16	105.20	-53.04	1.50	280	50.92	1.24	Vertical	Peak
5720.00	50.83	110.80	-59.97	1.50	280	49.55	1.28	Vertical	Peak
5725.00	51.42	122.20	-70.78	1.50	280	50.12	1.30	Vertical	Peak
11510.00	53.72	68.20	-14.48	1.50	280	42.16	11.56	Vertical	Peak
11510.00	42.65	54.00	-11.35	1.50	280	31.09	11.56	Vertical	Average

U-NII-3_802.11ax-HE40_5795MHz - MIMO

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	52.07	122.20	-70.13	1.50	140	50.25	1.82	Horizontal	Peak
5855.00	52.30	110.80	-58.50	1.50	140	50.45	1.85	Horizontal	Peak
5875.00	52.88	105.20	-52.32	1.50	140	50.90	1.98	Horizontal	Peak
5925.00	53.38	68.20	-14.82	1.50	140	51.26	2.12	Horizontal	Peak
11590.00	52.09	68.20	-16.11	1.50	140	40.58	11.51	Horizontal	Peak
11590.00	43.86	54.00	-10.14	1.50	140	32.35	11.51	Horizontal	Average
5850.00	50.85	122.20	-71.35	1.50	280	49.03	1.82	Vertical	Peak
5855.00	51.35	110.80	-59.45	1.50	280	49.50	1.85	Vertical	Peak
5875.00	52.03	105.20	-53.17	1.50	280	50.05	1.98	Vertical	Peak
5925.00	52.29	68.20	-15.91	1.50	280	50.17	2.12	Vertical	Peak
11590.00	53.80	68.20	-14.40	1.50	280	42.29	11.51	Vertical	Peak
11590.00	43.80	54.00	-10.20	1.50	280	32.29	11.51	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.
5. Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

U-NII-3_802.11ax-HE80_5775MHz - MIMO									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5650.00	51.81	68.20	-16.39	1.50	140	51.01	0.80	Horizontal	Peak
5700.00	52.26	105.20	-52.94	1.50	140	51.02	1.24	Horizontal	Peak
5720.00	51.50	110.80	-59.30	1.50	140	50.22	1.28	Horizontal	Peak
5725.00	51.06	122.20	-71.14	1.50	140	49.76	1.30	Horizontal	Peak
5850.00	52.56	122.20	-69.64	1.50	140	50.74	1.82	Horizontal	Peak
5855.00	51.77	110.80	-59.03	1.50	140	49.92	1.85	Horizontal	Peak
5875.00	52.46	105.20	-52.74	1.50	140	50.48	1.98	Horizontal	Peak
5925.00	52.69	68.20	-15.51	1.50	140	50.57	2.12	Horizontal	Peak
11550.00	52.16	68.20	-16.04	1.50	140	40.62	11.54	Horizontal	Peak
11550.00	44.35	54.00	-9.65	1.50	140	32.81	11.54	Horizontal	Average
5650.00	53.06	68.20	-15.14	1.50	280	52.26	0.80	Vertical	Peak
5700.00	51.91	105.20	-53.29	1.50	280	50.67	1.24	Vertical	Peak
5720.00	51.64	110.80	-59.16	1.50	280	50.36	1.28	Vertical	Peak
5725.00	52.20	122.20	-70.00	1.50	280	50.90	1.30	Vertical	Peak
5850.00	52.57	122.20	-69.63	1.50	280	50.75	1.82	Vertical	Peak
5855.00	51.19	110.80	-59.61	1.50	280	49.34	1.85	Vertical	Peak
5875.00	52.64	105.20	-52.56	1.50	280	50.66	1.98	Vertical	Peak
5925.00	53.16	68.20	-15.04	1.50	280	51.04	2.12	Vertical	Peak
11550.00	53.72	68.20	-14.48	1.50	280	42.18	11.54	Vertical	Peak
11550.00	43.52	54.00	-10.48	1.50	280	31.98	11.54	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. 5. Only the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.									

2.7. AC Power Line Conducted Emission

2.7.1. Limit of AC Power Line Conducted Emission

FCC Part 15.207:

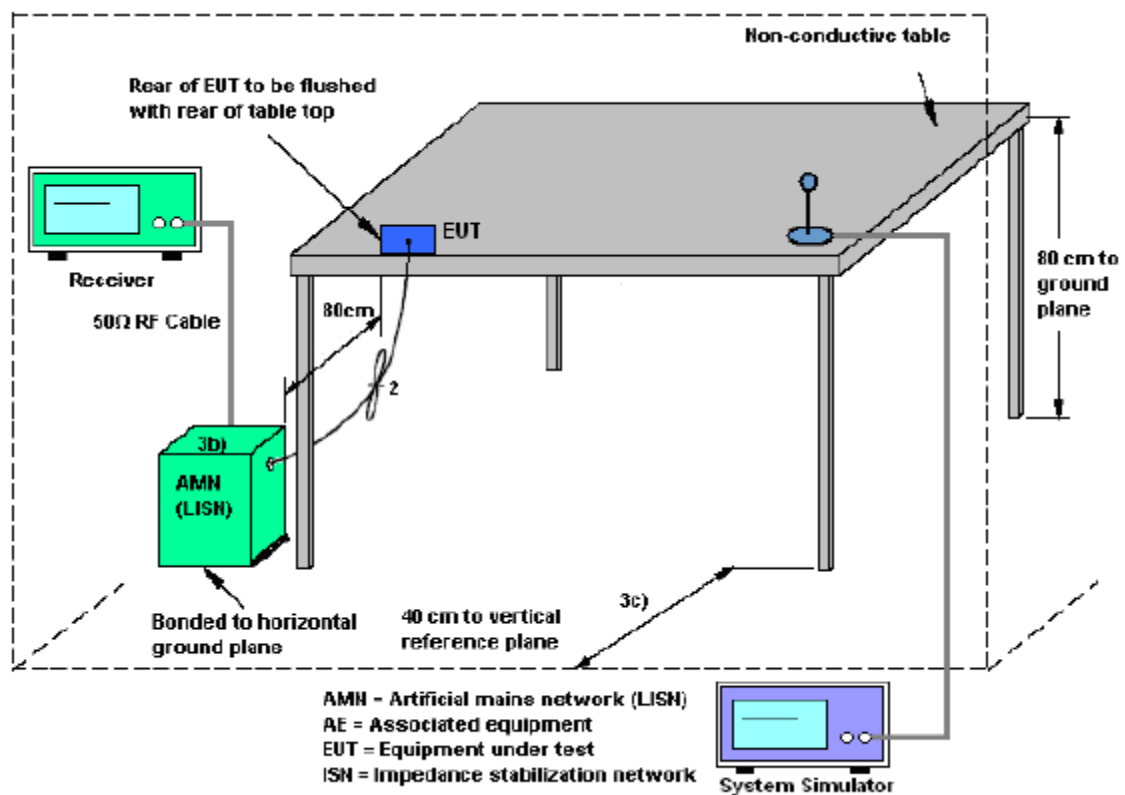
For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency range (MHz)	Conducted Limit (dB μ V)	
	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

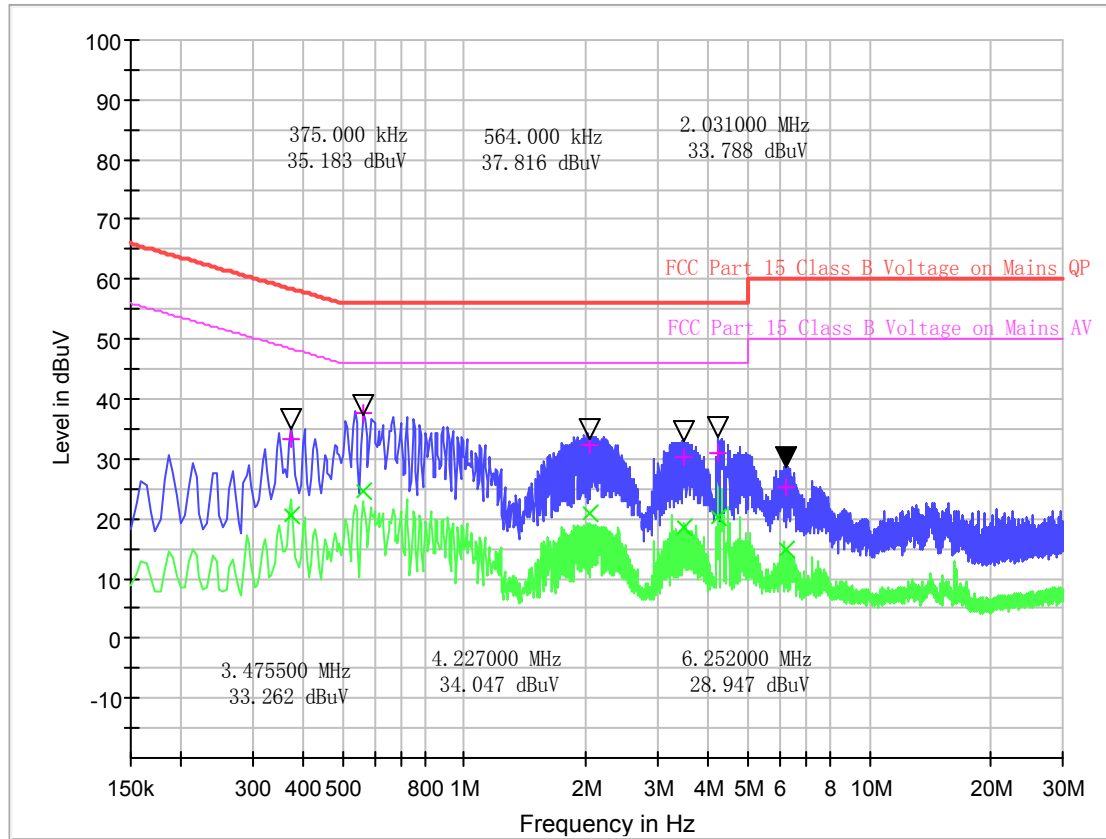
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
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 Result of AC Power Line Conducted Emission

The EUT configuration of the emission tests is 5G WLAN Link + Charging from Adapter.

All of the EUT Configure mode were tested and found 802.11n_5180MHz(MIMO) channel is the worst mode, the worst case is recorded in this report.

Test site:	Shield ROOM 2	Environment:	Temp: 23°C; Humi:53%;101kPa
Operator:	ZHANG QIANYU	Test Date:	2023.10.12
Test Mode:	5G WIFI - TX	Test Part:	L Line

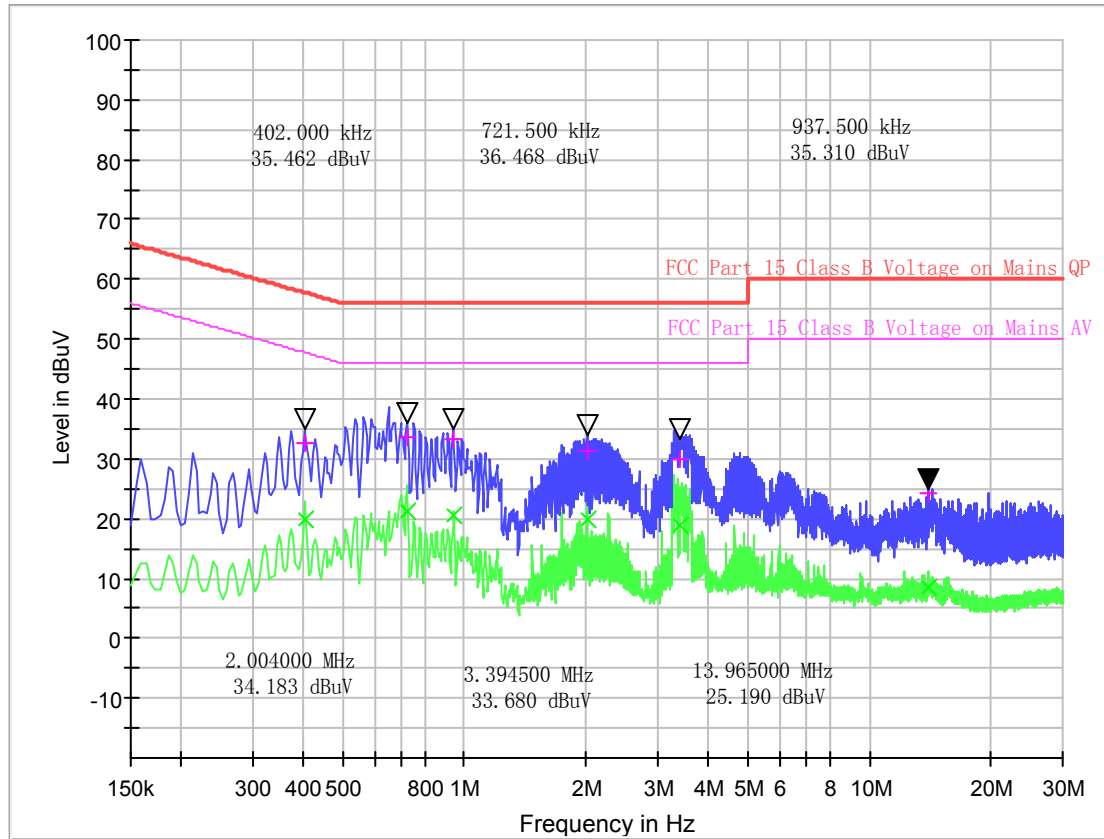


Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Corr.Factor (dB)	Margin - QPK	Limit - QPK (dBμV)	Margin - AV (dB)	Limit - AV (dBμV)
0.375000	33.26	20.47	10.5	25.13	58.4	27.92	48.4
0.564000	37.55	24.54	10.4	18.45	56.0	21.46	46.0
2.031000	32.24	20.85	10.4	23.76	56.0	25.15	46.0
3.475500	30.27	18.40	10.3	25.73	56.0	27.60	46.0
4.227000	31.10	20.32	10.3	24.90	56.0	25.68	46.0
6.252000	25.13	14.87	10.4	34.87	60.0	35.13	50.0

Test Result : Pass

Note: Final Level = Receiver Read level + Correction factor.

Test site:	Shield ROOM 2	Environment:	Temp: 23°C; Humi:53%;101kPa
Operator:	ZHANG QIANYU	Test Date:	2023.10.12
Test Mode:	5G WIFI - TX	Test Part:	N Line



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Corr.Factor (dB)	Margin - QPK	Limit - QPK (dBμV)	Margin - AV (dB)	Limit - AV (dBμV)
0.402000	32.73	19.96	10.6	25.08	57.8	27.85	47.8
0.721500	33.63	21.12	10.6	22.37	56.0	24.88	46.0
0.937500	33.45	20.57	10.5	22.55	56.0	25.43	46.0
2.004000	31.35	19.85	10.5	24.65	56.0	26.15	46.0
3.394500	30.04	18.88	10.5	25.96	56.0	27.12	46.0
13.965000	24.38	8.52	11.1	35.62	60.0	41.48	50.0

Test Result : Pass

Note: Final Level = Receiver Read level + Correction factor.

3. List of measuring equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	5M Anechoic Chamber	Albatross	SAC-5MAC 12.8x6.8x6.4m	A0304210	2022.06.09	2026.06.08
2	EMI Test Receiver	ROHDE&SCHWARZ	ESW26	A180502935	2023.06.08	2024.06.07
3	Loop Antenna	Schwarz beck	HFH2-Z2	A0304220	2022.05.02	2025.05.01
4	Broadband antenna (30MHz~1GHz)	R&S	HL562	A0304224	2023.06.08	2024.06.07
5	EMI Horn Ant. (1-18G)	ETC	1209	A150402241	2021.01.02	2024.01.01
6	Horn antenna (18GHz~26.5GHz)	AR	AT4510	A0804450	2023.06.01	2024.05.31
7	Amplifier 30M~1GHz	MILMEGA	80RF1000-10004	A140101634	2022.12.13	2023.12.12
8	Amplifier 1G~18GHz	MILMEGA	AS0104R-800/400	A160302517	2022.12.13	2023.12.12
9	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2023.02.20	2024.02.19
10	Test Receiver	R&S	ESIB7	A0501375	2023.03.16	2024.03.15
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	2024.03.25
13	Temperature chamber	ESPEC	SU-642	A150802409	2023.03.18	2024.03.17
14	Test Receiver	KEYSIGHT	N9038A	A141202036	2023.06.12	2024.06.11
15	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2023.06.08	2024.06.07
16	Power Supply	R&S	WYJ-60100	A141102031	2023.07.12	2026.07.11

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%($U=2U_c(y)$)	2.8dB
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Uncertainty of Radiated Emission Measurement (9kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	3.5dB
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Uncertainty of Radiated Emission Measurement (30MHz~1GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	3.91dB
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Uncertainty of Radiated Emission Measurement (1GHz~18GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	4.5dB
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Uncertainty of Radiated Emission Measurement (18GHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	4.9dB
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Uncertainty of RF Conducted Measurement (9kHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	1.2dB
--	-------

Appendix A

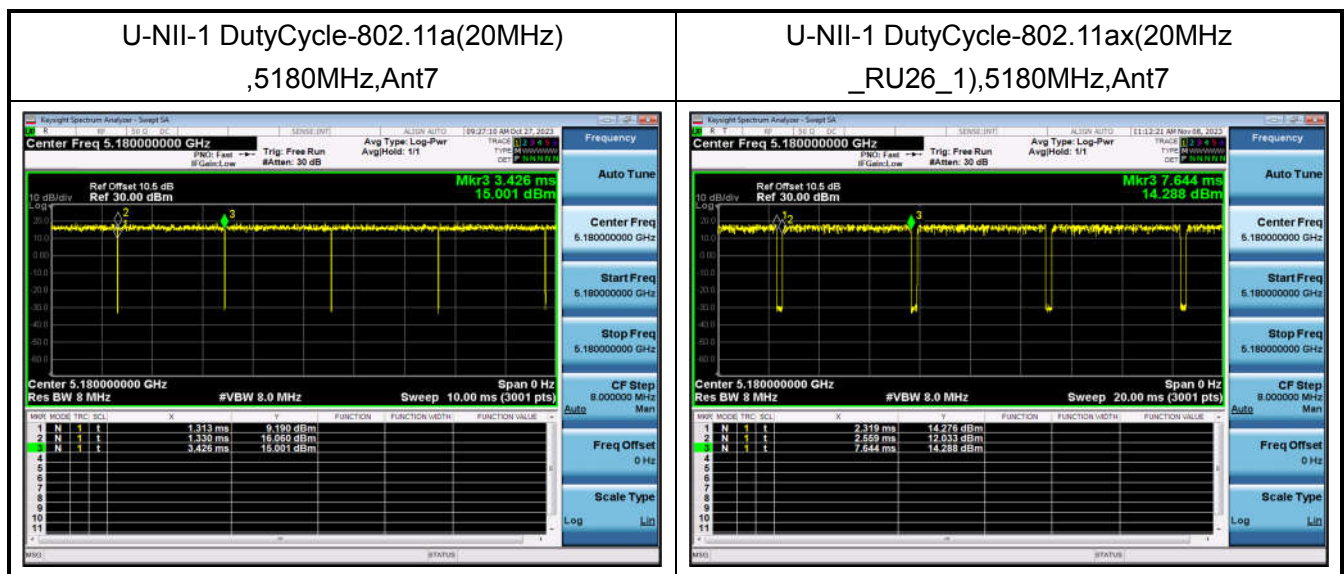
Duty Cycle

Test Result and Data

U-NII-1 Duty Cycle			
Mode	Ant	Duty Cycle (%)	Duty Cycle Factor (dB)
802.11n (20MHz)	Ant7	99.63	0.02
802.11n (40MHz)	Ant7	99.72	0.01
802.11ac (20MHz)	Ant7	99.63	0.02
802.11ac (40MHz)	Ant7	99.63	0.02
802.11ac (80MHz)	Ant7	99.63	0.02
802.11a (20MHz)	Ant7	99.21	0.03
802.11ax (20MHz)	Ant7	99.63	0.02
802.11ax (40MHz)	Ant7	99.63	0.02
802.11ax (80MHz)	Ant7	99.63	0.02
802.11ax (20MHz_RU106_1)	Ant7	96.49	0.16
802.11ax (20MHz_RU26_1)	Ant7	95.49	0.20
802.11ax (20MHz_RU52_1)	Ant7	95.61	0.19

Note: There are same duty cycle factor on 1TX and 2TX.

Duty Cycle Plots:



Output power Test Result and Data

U-NII-1 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant7	13.22	15.33	24	Pass
802.11n (20MHz)	5180	Ant6	11.18			
802.11n (20MHz)	5220	Ant7	12.58	15.27	24	Pass
802.11n (20MHz)	5220	Ant6	11.92			
802.11n (20MHz)	5240	Ant7	12.71	15.23	24	Pass
802.11n (20MHz)	5240	Ant6	11.66			
802.11n (40MHz)	5190	Ant7	11.70	13.75	24	Pass
802.11n (40MHz)	5190	Ant6	9.50			
802.11n (40MHz)	5230	Ant7	11.74	14.09	24	Pass
802.11n (40MHz)	5230	Ant6	10.31			
802.11ac (20MHz)	5180	Ant7	12.52	14.55	24	Pass
802.11ac (20MHz)	5180	Ant6	10.27			
802.11ac (20MHz)	5220	Ant7	12.32	14.75	24	Pass
802.11ac (20MHz)	5220	Ant6	11.06			
802.11ac (20MHz)	5240	Ant7	12.39	14.76	24	Pass
802.11ac (20MHz)	5240	Ant6	11.00			
802.11ac (40MHz)	5190	Ant7	11.69	13.67	24	Pass
802.11ac (40MHz)	5190	Ant6	9.30			
802.11ac (40MHz)	5230	Ant7	11.72	13.99	24	Pass
802.11ac (40MHz)	5230	Ant6	10.08			
802.11ac (80MHz)	5210	Ant7	11.47	13.66	24	Pass
802.11ac (80MHz)	5210	Ant6	9.64			
802.11a (20MHz)	5180	Ant7	13.25	13.25	24	Pass
802.11a (20MHz)	5180	Ant6	11.32	11.32	24	Pass
802.11a (20MHz)	5220	Ant7	12.72	12.72	24	Pass
802.11a (20MHz)	5220	Ant6	11.95	11.95	24	Pass
802.11a (20MHz)	5240	Ant7	12.76	12.76	24	Pass
802.11a (20MHz)	5240	Ant6	11.51	11.51	24	Pass
802.11ax (20MHz)	5180	Ant7	12.47	14.41	24	Pass



802.11ax (20MHz)	5180	Ant6	9.99			
802.11ax (20MHz)	5220	Ant7	12.25	14.55	24	Pass
802.11ax (20MHz)	5220	Ant6	10.68			
802.11ax (20MHz)	5240	Ant7	12.31	14.68	24	Pass
802.11ax (20MHz)	5240	Ant6	10.93			
802.11ax (40MHz)	5190	Ant7	11.68	13.68	24	Pass
802.11ax (40MHz)	5190	Ant6	9.34			
802.11ax (40MHz)	5230	Ant7	11.71	14.00	24	Pass
802.11ax (40MHz)	5230	Ant6	10.12			
802.11ax (80MHz)	5210	Ant7	11.18	13.40	24	Pass
802.11ax (80MHz)	5210	Ant6	9.43			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Total Power = $10 \cdot \log \{10^{(\text{Ant7 Power}/10)} + 10^{(\text{Ant6 Power}/10)}\}$.

U-NII-1 AVGSA Output Power - Tone RU mode							
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)	Result
802.11ax (20MHz_RU106_1)	5180	Ant7	9.29	0.16	12.33	24	Pass
802.11ax (20MHz_RU106_1)	5180	Ant6	9.03	0.16			
802.11ax (20MHz_RU106_1)	5220	Ant7	9.53	0.16	12.93	24	Pass
802.11ax (20MHz_RU106_1)	5220	Ant6	9.98	0.16			
802.11ax (20MHz_RU106_1)	5240	Ant7	10.19	0.16	13.26	24	Pass
802.11ax (20MHz_RU106_1)	5240	Ant6	9.99	0.16			
802.11ax (20MHz_RU106_2)	5180	Ant7	9.57	0.16	12.77	24	Pass
802.11ax (20MHz_RU106_2)	5180	Ant6	9.63	0.16			
802.11ax (20MHz_RU106_2)	5220	Ant7	9.68	0.16	12.99	24	Pass
802.11ax (20MHz_RU106_2)	5220	Ant6	9.96	0.16			
802.11ax (20MHz_RU106_2)	5240	Ant7	10.08	0.16	13.16	24	Pass
802.11ax (20MHz_RU106_2)	5240	Ant6	9.90	0.16			
802.11ax (20MHz_RU26_1)	5180	Ant7	9.44	0.20	12.33	24	Pass
802.11ax (20MHz_RU26_1)	5180	Ant6	8.78	0.20			
802.11ax (20MHz_RU26_1)	5220	Ant7	9.48	0.20	12.92	24	Pass
802.11ax (20MHz_RU26_1)	5220	Ant6	9.92	0.20			
802.11ax (20MHz_RU26_1)	5240	Ant7	9.86	0.20	13.20	24	Pass
802.11ax (20MHz_RU26_1)	5240	Ant6	10.12	0.20			
802.11ax (20MHz_RU26_9)	5180	Ant7	9.54	0.20	12.73	24	Pass



802.11ax (20MHz_RU26_9)	5180	Ant6	9.50	0.20		24	Pass
802.11ax (20MHz_RU26_9)	5220	Ant7	9.73	0.20	12.90	24	Pass
802.11ax (20MHz_RU26_9)	5220	Ant6	9.64	0.20			
802.11ax (20MHz_RU26_9)	5240	Ant7	9.68	0.20	12.98	24	Pass
802.11ax (20MHz_RU26_9)	5240	Ant6	9.85	0.20			
802.11ax (20MHz_RU52_1)	5180	Ant7	9.32	0.19	12.33	24	Pass
802.11ax (20MHz_RU52_1)	5180	Ant6	8.93	0.19			
802.11ax (20MHz_RU52_1)	5220	Ant7	9.61	0.19	12.92	24	Pass
802.11ax (20MHz_RU52_1)	5220	Ant6	9.83	0.19			
802.11ax (20MHz_RU52_1)	5240	Ant7	9.94	0.19	13.16	24	Pass
802.11ax (20MHz_RU52_1)	5240	Ant6	9.98	0.19			
802.11ax (20MHz_RU52_4)	5180	Ant7	9.53	0.19	12.80	24	Pass
802.11ax (20MHz_RU52_4)	5180	Ant6	9.66	0.19			
802.11ax (20MHz_RU52_4)	5220	Ant7	9.83	0.19	12.97	24	Pass
802.11ax (20MHz_RU52_4)	5220	Ant6	9.70	0.19			
802.11ax (20MHz_RU52_4)	5240	Ant7	10.11	0.19	13.21	24	Pass
802.11ax (20MHz_RU52_4)	5240	Ant6	9.90	0.19			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Calibration power = Power + Duty Cycle Factor.

3) Total Power = $10 \cdot \log \{ 10^{(\text{Ant7 Calibration power}/10)} + 10^{(\text{Ant6 Calibration power}/10)} \}$.



U-NII-2a AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5260	Ant7	12.28	15.28	24	Pass
802.11n (20MHz)	5260	Ant6	12.26			
802.11n (20MHz)	5300	Ant7	11.49	14.98	24	Pass
802.11n (20MHz)	5300	Ant6	12.41			
802.11n (20MHz)	5320	Ant7	10.95	13.94	24	Pass
802.11n (20MHz)	5320	Ant6	10.90			
802.11n (40MHz)	5270	Ant7	10.27	13.17	24	Pass
802.11n (40MHz)	5270	Ant6	10.04			
802.11n (40MHz)	5310	Ant7	9.92	13.44	24	Pass
802.11n (40MHz)	5310	Ant6	10.89			
802.11ac (20MHz)	5260	Ant7	10.18	13.38	24	Pass
802.11ac (20MHz)	5260	Ant6	10.56			
802.11ac (20MHz)	5300	Ant7	9.94	13.34	24	Pass
802.11ac (20MHz)	5300	Ant6	10.69			
802.11ac (20MHz)	5320	Ant7	10.04	13.14	24	Pass
802.11ac (20MHz)	5320	Ant6	10.22			
802.11ac (40MHz)	5270	Ant7	10.57	13.20	24	Pass
802.11ac (40MHz)	5270	Ant6	9.78			
802.11ac (40MHz)	5310	Ant7	9.89	13.35	24	Pass
802.11ac (40MHz)	5310	Ant6	10.74			
802.11ac (80MHz)	5290	Ant7	9.62	12.90	24	Pass
802.11ac (80MHz)	5290	Ant6	10.14			
802.11ac (160MHz)	5250	Ant7	11.18	13.56	24	Pass
802.11ac (160MHz)	5250	Ant6	9.81			
802.11a (20MHz)	5260	Ant7	12.25	12.25	24	Pass
802.11a (20MHz)	5260	Ant6	12.49	12.49	24	Pass
802.11a (20MHz)	5300	Ant7	11.53	11.53	24	Pass
802.11a (20MHz)	5300	Ant6	12.17	12.17	24	Pass
802.11a (20MHz)	5320	Ant7	10.98	10.98	24	Pass
802.11a (20MHz)	5320	Ant6	10.77	10.77	24	Pass
802.11ax (160MHz)	5250	Ant7	10.98	13.33	24	Pass



802.11ax (160MHz)	5250	Ant6	9.54			
802.11ax (20MHz)	5260	Ant7	10.99	14.04	24	Pass
802.11ax (20MHz)	5260	Ant6	11.06			
802.11ax (20MHz)	5300	Ant7	10.25	13.74	24	Pass
802.11ax (20MHz)	5300	Ant6	11.17			
802.11ax (20MHz)	5320	Ant7	9.79	12.97	24	Pass
802.11ax (20MHz)	5320	Ant6	10.13			
802.11ax (40MHz)	5270	Ant7	10.38	13.08	24	Pass
802.11ax (40MHz)	5270	Ant6	9.74			
802.11ax (40MHz)	5310	Ant7	9.86	13.31	24	Pass
802.11ax (40MHz)	5310	Ant6	10.69			
802.11ax (80MHz)	5290	Ant7	9.40	12.64	24	Pass
802.11ax (80MHz)	5290	Ant6	9.85			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Total Power = $10 \cdot \log \{10^{(\text{Ant7 Power}/10)} + 10^{(\text{Ant6 Power}/10)}\}$.



U-NII-2a AVGSA Output Power - Tone RU mode							
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)	Result
802.11ax (20MHz_RU106_1)	5260	Ant7	10.01	0.16	13.05	24	Pass
802.11ax (20MHz_RU106_1)	5260	Ant6	9.74	0.16			
802.11ax (20MHz_RU106_1)	5300	Ant7	9.96	0.16	13.16	24	Pass
802.11ax (20MHz_RU106_1)	5300	Ant6	10.02	0.16			
802.11ax (20MHz_RU106_1)	5320	Ant7	10.09	0.16	13.21	24	Pass
802.11ax (20MHz_RU106_1)	5320	Ant6	9.99	0.16			
802.11ax (20MHz_RU106_2)	5260	Ant7	9.82	0.16	13.03	24	Pass
802.11ax (20MHz_RU106_2)	5260	Ant6	9.89	0.16			
802.11ax (20MHz_RU106_2)	5300	Ant7	9.69	0.16	12.59	24	Pass
802.11ax (20MHz_RU106_2)	5300	Ant6	9.14	0.16			
802.11ax (20MHz_RU106_2)	5320	Ant7	9.79	0.16	12.87	24	Pass
802.11ax (20MHz_RU106_2)	5320	Ant6	9.60	0.16			
802.11ax (20MHz_RU26_1)	5260	Ant7	10.09	0.20	13.11	24	Pass
802.11ax (20MHz_RU26_1)	5260	Ant6	9.70	0.20			
802.11ax (20MHz_RU26_1)	5300	Ant7	9.99	0.20	13.25	24	Pass
802.11ax (20MHz_RU26_1)	5300	Ant6	10.09	0.20			
802.11ax (20MHz_RU26_1)	5320	Ant7	9.95	0.20	13.12	24	Pass
802.11ax (20MHz_RU26_1)	5320	Ant6	9.87	0.20			
802.11ax (20MHz_RU26_9)	5260	Ant7	9.64	0.20	13.02	24	Pass



802.11ax (20MHz_RU26_9)	5260	Ant6	9.97	0.20		24	Pass
802.11ax (20MHz_RU26_9)	5300	Ant7	9.35	0.20	12.35	24	Pass
802.11ax (20MHz_RU26_9)	5300	Ant6	8.91	0.20			
802.11ax (20MHz_RU26_9)	5320	Ant7	9.38	0.20	12.42	24	Pass
802.11ax (20MHz_RU26_9)	5320	Ant6	9.04	0.20			
802.11ax (20MHz_RU52_1)	5260	Ant7	9.52	0.19	12.85	24	Pass
802.11ax (20MHz_RU52_1)	5260	Ant6	9.78	0.19			
802.11ax (20MHz_RU52_1)	5300	Ant7	9.89	0.19	13.24	24	Pass
802.11ax (20MHz_RU52_1)	5300	Ant6	10.18	0.19			
802.11ax (20MHz_RU52_1)	5320	Ant7	9.92	0.19	13.10	24	Pass
802.11ax (20MHz_RU52_1)	5320	Ant6	9.88	0.19			
802.11ax (20MHz_RU52_4)	5260	Ant7	9.20	0.19	12.76	24	Pass
802.11ax (20MHz_RU52_4)	5260	Ant6	9.89	0.19			
802.11ax (20MHz_RU52_4)	5300	Ant7	9.71	0.19	12.52	24	Pass
802.11ax (20MHz_RU52_4)	5300	Ant6	8.89	0.19			
802.11ax (20MHz_RU52_4)	5320	Ant7	9.52	0.19	12.58	24	Pass
802.11ax (20MHz_RU52_4)	5320	Ant6	9.23	0.19			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Calibration power = Power + Duty Cycle Factor.

3) Total Power = $10 \cdot \log \{ 10^{(\text{Ant7 Calibration power}/10)} + 10^{(\text{Ant6 Calibration power}/10)} \}$.



U-NII-2c AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5500	Ant7	10.42	13.88	24	Pass
802.11n (20MHz)	5500	Ant6	11.27			
802.11n (20MHz)	5600	Ant7	12.27	15.03	24	Pass
802.11n (20MHz)	5600	Ant6	11.76			
802.11n (20MHz)	5700	Ant7	10.58	14.20	24	Pass
802.11n (20MHz)	5700	Ant6	11.73			
802.11n (40MHz)	5510	Ant7	9.57	12.53	24	Pass
802.11n (40MHz)	5510	Ant6	9.47			
802.11n (40MHz)	5590	Ant7	9.77	13.13	24	Pass
802.11n (40MHz)	5590	Ant6	10.44			
802.11n (40MHz)	5670	Ant7	10.27	13.36	24	Pass
802.11n (40MHz)	5670	Ant6	10.43			
802.11ac (20MHz)	5500	Ant7	9.52	12.98	24	Pass
802.11ac (20MHz)	5500	Ant6	10.38			
802.11ac (20MHz)	5600	Ant7	10.33	13.65	24	Pass
802.11ac (20MHz)	5600	Ant6	10.92			
802.11ac (20MHz)	5700	Ant7	9.69	13.30	24	Pass
802.11ac (20MHz)	5700	Ant6	10.82			
802.11ac (40MHz)	5510	Ant7	8.66	12.06	24	Pass
802.11ac (40MHz)	5510	Ant6	9.40			
802.11ac (40MHz)	5590	Ant7	9.18	12.91	24	Pass
802.11ac (40MHz)	5590	Ant6	10.52			
802.11ac (40MHz)	5670	Ant7	9.10	12.93	24	Pass
802.11ac (40MHz)	5670	Ant6	10.61			
802.11ac (80MHz)	5530	Ant7	8.71	11.97	24	Pass
802.11ac (80MHz)	5530	Ant6	9.20			
802.11ac (80MHz)	5610	Ant7	8.96	12.71	24	Pass
802.11ac (80MHz)	5610	Ant6	10.34			
802.11ac (160MHz)	5570	Ant7	9.54	12.73	24	Pass
802.11ac (160MHz)	5570	Ant6	9.90			
802.11a (20MHz)	5500	Ant7	10.44	10.44	24	Pass

802.11a (20MHz)	5500	Ant6	11.65	11.65		
802.11a (20MHz)	5600	Ant7	12.29	12.29	24	Pass
802.11a (20MHz)	5600	Ant6	11.60	11.60	24	Pass
802.11a (20MHz)	5700	Ant7	11.60	11.60	24	Pass
802.11a (20MHz)	5700	Ant6	11.61	11.61	24	Pass
802.11ax (160MHz)	5570	Ant7	9.26	12.49	24	Pass
802.11ax (160MHz)	5570	Ant6	9.68			
802.11ax (20MHz)	5500	Ant7	9.49	12.86	24	Pass
802.11ax (20MHz)	5500	Ant6	10.18			
802.11ax (20MHz)	5600	Ant7	10.25	13.43	24	Pass
802.11ax (20MHz)	5600	Ant6	10.59			
802.11ax (20MHz)	5700	Ant7	9.63	13.18	24	Pass
802.11ax (20MHz)	5700	Ant6	10.65			
802.11ax (40MHz)	5510	Ant7	8.58	11.99	24	Pass
802.11ax (40MHz)	5510	Ant6	9.34			
802.11ax (40MHz)	5590	Ant7	9.14	12.80	24	Pass
802.11ax (40MHz)	5590	Ant6	10.36			
802.11ax (40MHz)	5670	Ant7	9.32	12.90	24	Pass
802.11ax (40MHz)	5670	Ant6	10.39			
802.11ax (80MHz)	5530	Ant7	8.26	11.61	24	Pass
802.11ax (80MHz)	5530	Ant6	8.92			
802.11ax (80MHz)	5610	Ant7	8.71	12.45	24	Pass
802.11ax (80MHz)	5610	Ant6	10.06			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Total Power = $10 \cdot \log \{10^{(Ant7 \text{ Power}/10)} + 10^{(Ant6 \text{ Power}/10)}\}$.



U-NII-2c AVGSA Output Power - Tone RU mode							
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)	Result
802.11ax (20MHz_RU106_1)	5500	Ant7	9.47	0.16	12.23	24	Pass
802.11ax (20MHz_RU106_1)	5500	Ant6	8.61	0.16			
802.11ax (20MHz_RU106_1)	5600	Ant7	9.55	0.16	12.85	24	Pass
802.11ax (20MHz_RU106_1)	5600	Ant6	9.81	0.16			
802.11ax (20MHz_RU106_1)	5700	Ant7	9.74	0.16	12.99	24	Pass
802.11ax (20MHz_RU106_1)	5700	Ant6	9.89	0.16			
802.11ax (20MHz_RU106_2)	5500	Ant7	9.33	0.16	12.09	24	Pass
802.11ax (20MHz_RU106_2)	5500	Ant6	8.47	0.16			
802.11ax (20MHz_RU106_2)	5600	Ant7	9.72	0.16	12.98	24	Pass
802.11ax (20MHz_RU106_2)	5600	Ant6	9.90	0.16			
802.11ax (20MHz_RU106_2)	5700	Ant7	9.73	0.16	12.97	24	Pass
802.11ax (20MHz_RU106_2)	5700	Ant6	9.87	0.16			
802.11ax (20MHz_RU26_1)	5500	Ant7	9.20	0.20	12.08	24	Pass
802.11ax (20MHz_RU26_1)	5500	Ant6	8.51	0.20			
802.11ax (20MHz_RU26_1)	5600	Ant7	9.34	0.20	12.70	24	Pass
802.11ax (20MHz_RU26_1)	5600	Ant6	9.64	0.20			
802.11ax (20MHz_RU26_1)	5700	Ant7	9.52	0.20	12.81	24	Pass
802.11ax (20MHz_RU26_1)	5700	Ant6	9.67	0.20			
802.11ax (20MHz_RU26_9)	5500	Ant7	8.97	0.20	11.73	24	Pass



802.11ax (20MHz_RU26_9)	5500	Ant6	8.01	0.20		24	Pass
802.11ax (20MHz_RU26_9)	5600	Ant7	9.55	0.20	12.77	24	Pass
802.11ax (20MHz_RU26_9)	5600	Ant6	9.57	0.20			
802.11ax (20MHz_RU26_9)	5700	Ant7	9.60	0.20	12.75	24	Pass
802.11ax (20MHz_RU26_9)	5700	Ant6	9.47	0.20			
802.11ax (20MHz_RU52_1)	5500	Ant7	9.35	0.19	12.17	24	Pass
802.11ax (20MHz_RU52_1)	5500	Ant6	8.55	0.19			
802.11ax (20MHz_RU52_1)	5600	Ant7	9.47	0.19	12.79	24	Pass
802.11ax (20MHz_RU52_1)	5600	Ant6	9.70	0.19			
802.11ax (20MHz_RU52_1)	5700	Ant7	9.60	0.19	12.88	24	Pass
802.11ax (20MHz_RU52_1)	5700	Ant6	9.75	0.19			
802.11ax (20MHz_RU52_4)	5500	Ant7	9.23	0.19	11.99	24	Pass
802.11ax (20MHz_RU52_4)	5500	Ant6	8.30	0.19			
802.11ax (20MHz_RU52_4)	5600	Ant7	9.69	0.19	12.98	24	Pass
802.11ax (20MHz_RU52_4)	5600	Ant6	9.87	0.19			
802.11ax (20MHz_RU52_4)	5700	Ant7	9.78	0.19	12.94	24	Pass
802.11ax (20MHz_RU52_4)	5700	Ant6	9.69	0.19			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Calibration power = Power + Duty Cycle Factor.

3) Total Power = $10 \cdot \log \{ 10^{(\text{Ant7 Calibration power}/10)} + 10^{(\text{Ant6 Calibration power}/10)} \}$.



U-NII-3 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant7	11.02	14.37	30	Pass
802.11n (20MHz)	5745	Ant6	11.67			
802.11n (20MHz)	5785	Ant7	11.02	14.24	30	Pass
802.11n (20MHz)	5785	Ant6	11.43			
802.11n (20MHz)	5825	Ant7	11.36	14.60	30	Pass
802.11n (20MHz)	5825	Ant6	11.80			
802.11n (40MHz)	5755	Ant7	9.71	12.76	30	Pass
802.11n (40MHz)	5755	Ant6	9.79			
802.11n (40MHz)	5795	Ant7	9.91	12.99	30	Pass
802.11n (40MHz)	5795	Ant6	10.04			
802.11ac (20MHz)	5745	Ant7	10.15	13.48	30	Pass
802.11ac (20MHz)	5745	Ant6	10.77			
802.11ac (20MHz)	5785	Ant7	10.23	13.40	30	Pass
802.11ac (20MHz)	5785	Ant6	10.54			
802.11ac (20MHz)	5825	Ant7	10.25	13.61	30	Pass
802.11ac (20MHz)	5825	Ant6	10.92			
802.11ac (40MHz)	5755	Ant7	9.69	12.69	30	Pass
802.11ac (40MHz)	5755	Ant6	9.66			
802.11ac (40MHz)	5795	Ant7	9.88	12.93	30	Pass
802.11ac (40MHz)	5795	Ant6	9.95			
802.11ac (80MHz)	5775	Ant7	9.56	12.50	30	Pass
802.11ac (80MHz)	5775	Ant6	9.42			
802.11a (20MHz)	5745	Ant7	10.93	10.93	30	Pass
802.11a (20MHz)	5745	Ant6	11.99	11.99	30	Pass
802.11a (20MHz)	5785	Ant7	10.99	10.99	30	Pass
802.11a (20MHz)	5785	Ant6	11.16	11.16	30	Pass
802.11a (20MHz)	5825	Ant7	11.37	11.37	30	Pass
802.11a (20MHz)	5825	Ant6	11.67	11.67	30	Pass
802.11ax (20MHz)	5745	Ant7	10.58	13.65	30	Pass
802.11ax (20MHz)	5745	Ant6	10.70			
802.11ax (20MHz)	5785	Ant7	10.57	13.39	30	Pass



802.11ax (20MHz)	5785	Ant6	10.19			
802.11ax (20MHz)	5825	Ant7	10.59	13.65	30	Pass
802.11ax (20MHz)	5825	Ant6	10.68			
802.11ax (40MHz)	5755	Ant7	9.68	12.69	30	Pass
802.11ax (40MHz)	5755	Ant6	9.67			
802.11ax (40MHz)	5795	Ant7	9.85	12.91	30	Pass
802.11ax (40MHz)	5795	Ant6	9.94			
802.11ax (80MHz)	5775	Ant7	9.30	12.26	30	Pass
802.11ax (80MHz)	5775	Ant6	9.19			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Total Power = $10 \cdot \log \{10^{(\text{Ant7 Power}/10)} + 10^{(\text{Ant6 Power}/10)}\}$.



U-NII-3 AVGSA Output Power - Tone RU mode							
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)	Result
802.11ax (20MHz_RU106_1)	5745	Ant7	9.66	0.16	12.86	24	Pass
802.11ax (20MHz_RU106_1)	5745	Ant6	9.71	0.16			
802.11ax (20MHz_RU106_1)	5785	Ant7	9.75	0.16	12.86	24	Pass
802.11ax (20MHz_RU106_1)	5785	Ant6	9.63	0.16			
802.11ax (20MHz_RU106_1)	5825	Ant7	9.96	0.16	13.06	24	Pass
802.11ax (20MHz_RU106_1)	5825	Ant6	9.81	0.16			
802.11ax (20MHz_RU106_2)	5745	Ant7	9.62	0.16	12.76	24	Pass
802.11ax (20MHz_RU106_2)	5745	Ant6	9.55	0.16			
802.11ax (20MHz_RU106_2)	5785	Ant7	9.70	0.16	12.82	24	Pass
802.11ax (20MHz_RU106_2)	5785	Ant6	9.59	0.16			
802.11ax (20MHz_RU106_2)	5825	Ant7	9.96	0.16	13.03	24	Pass
802.11ax (20MHz_RU106_2)	5825	Ant6	9.76	0.16			
802.11ax (20MHz_RU26_1)	5745	Ant7	9.55	0.20	12.83	24	Pass
802.11ax (20MHz_RU26_1)	5745	Ant6	9.69	0.20			
802.11ax (20MHz_RU26_1)	5785	Ant7	9.54	0.20	12.70	24	Pass
802.11ax (20MHz_RU26_1)	5785	Ant6	9.43	0.20			
802.11ax (20MHz_RU26_1)	5825	Ant7	9.78	0.20	12.95	24	Pass
802.11ax (20MHz_RU26_1)	5825	Ant6	9.69	0.20			
802.11ax (20MHz_RU26_9)	5745	Ant7	9.44	0.20	12.54	24	Pass



802.11ax (20MHz_RU26_9)	5745	Ant6	9.21	0.20		24	Pass
802.11ax (20MHz_RU26_9)	5785	Ant7	9.47	0.20	12.60	24	Pass
802.11ax (20MHz_RU26_9)	5785	Ant6	9.30	0.20			
802.11ax (20MHz_RU26_9)	5825	Ant7	9.77	0.20	12.92	24	Pass
802.11ax (20MHz_RU26_9)	5825	Ant6	9.64	0.20			
802.11ax (20MHz_RU52_1)	5745	Ant7	9.65	0.19	12.84	24	Pass
802.11ax (20MHz_RU52_1)	5745	Ant6	9.63	0.19			
802.11ax (20MHz_RU52_1)	5785	Ant7	9.53	0.19	12.73	24	Pass
802.11ax (20MHz_RU52_1)	5785	Ant6	9.52	0.19			
802.11ax (20MHz_RU52_1)	5825	Ant7	9.82	0.19	13.00	24	Pass
802.11ax (20MHz_RU52_1)	5825	Ant6	9.77	0.19			
802.11ax (20MHz_RU52_4)	5745	Ant7	9.56	0.19	12.70	24	Pass
802.11ax (20MHz_RU52_4)	5745	Ant6	9.44	0.19			
802.11ax (20MHz_RU52_4)	5785	Ant7	9.53	0.19	12.68	24	Pass
802.11ax (20MHz_RU52_4)	5785	Ant6	9.42	0.19			
802.11ax (20MHz_RU52_4)	5825	Ant7	9.95	0.19	13.04	24	Pass
802.11ax (20MHz_RU52_4)	5825	Ant6	9.73	0.19			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

2) Calibration power = Power + Duty Cycle Factor.

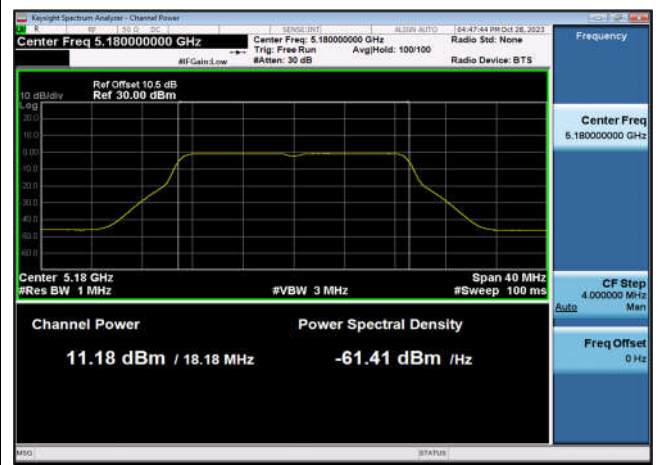
3) Total Power = $10 \cdot \log \{ 10^{(\text{Ant7 Calibration power}/10)} + 10^{(\text{Ant6 Calibration power}/10)} \}$.

Test plots

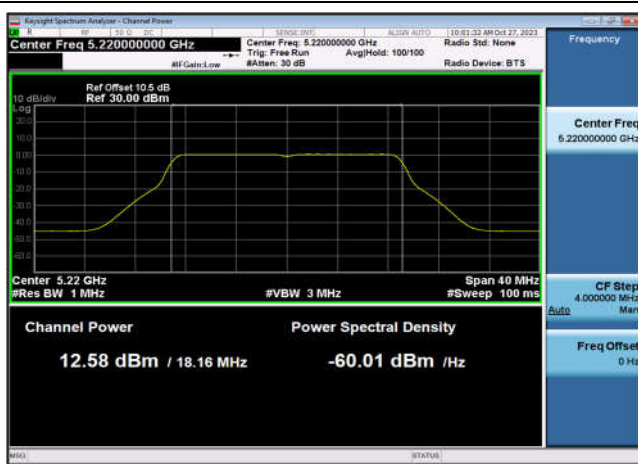
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant7



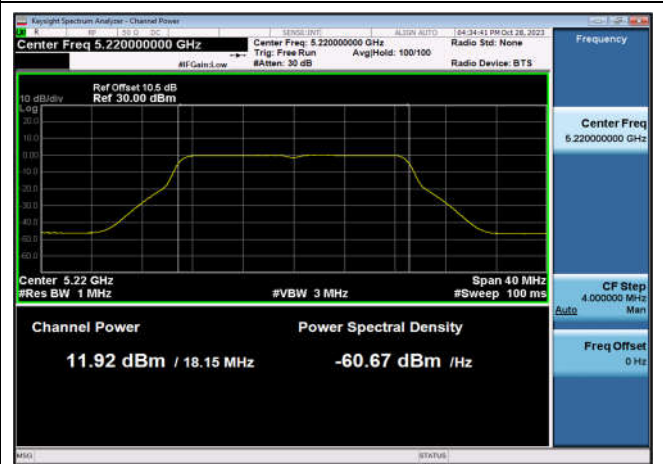
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant6



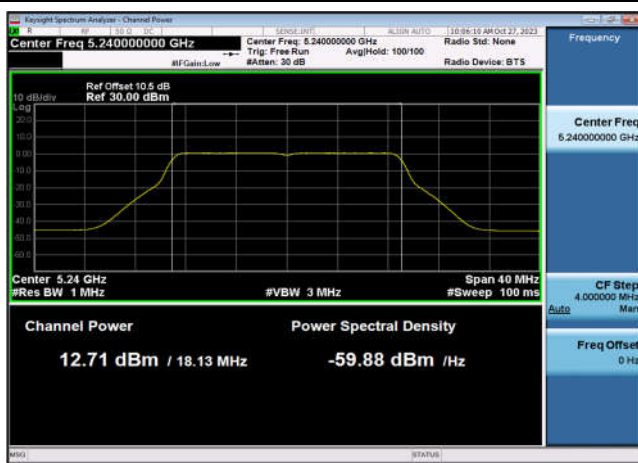
U-NII-1 Output Power-802.11n(20MHz)
,5220MHz,Ant7



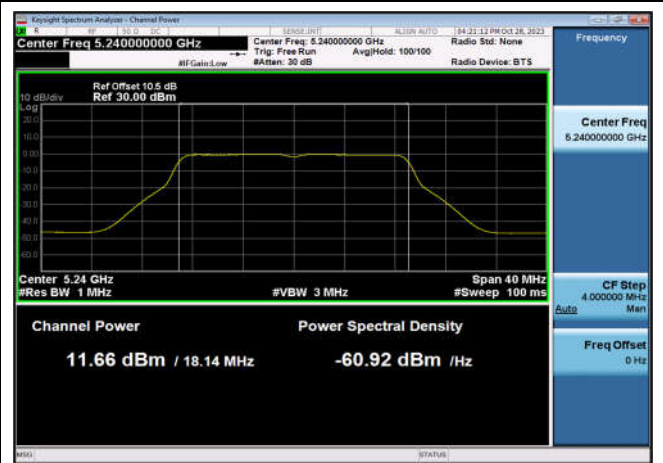
U-NII-1 Output Power-802.11n(20MHz)
,5220MHz,Ant6



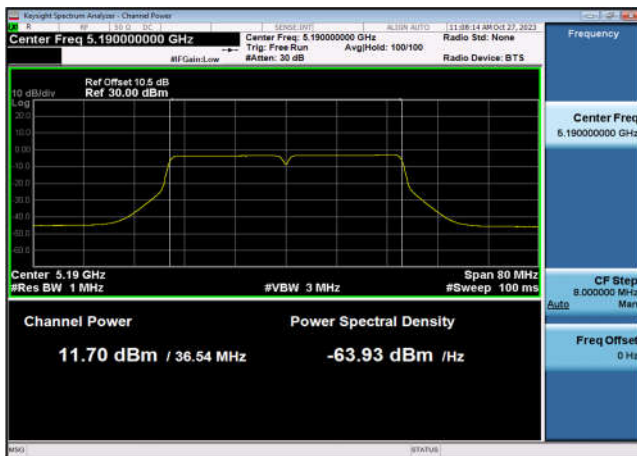
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant7



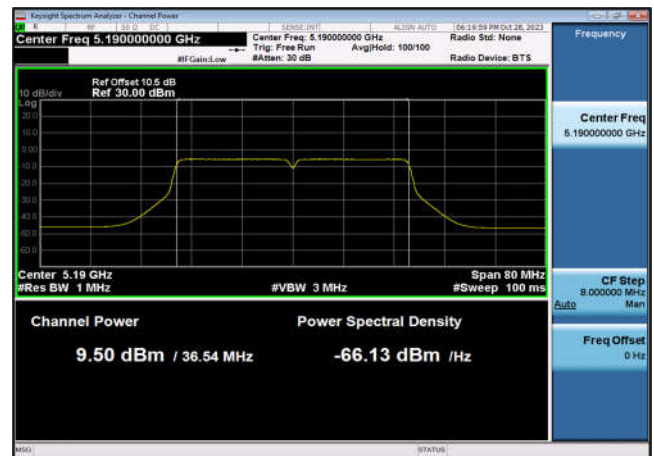
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant6



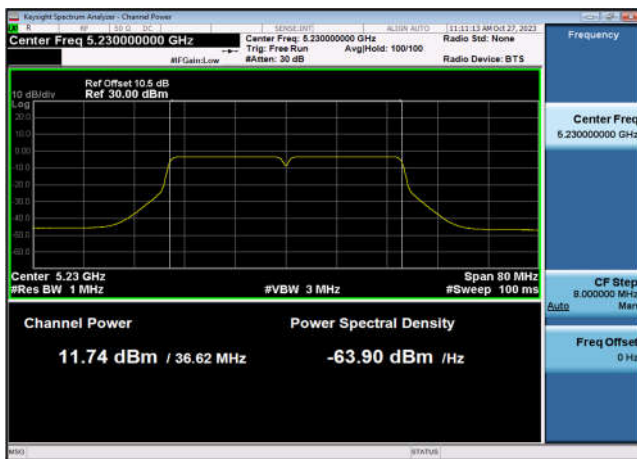
U-NII-1 Output Power-802.11n(40MHz)
,5190MHz,Ant7



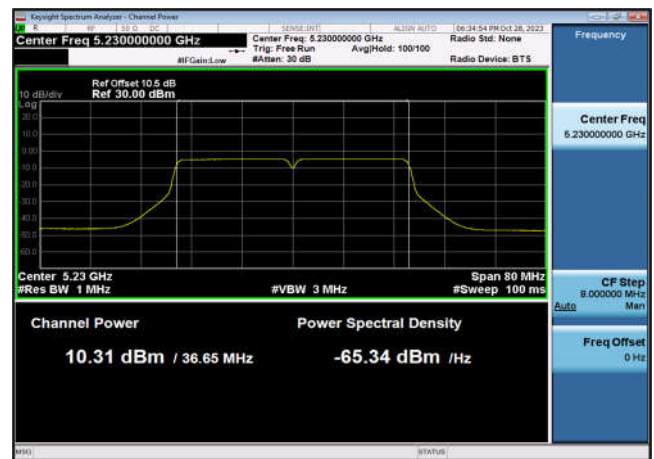
U-NII-1 Output Power-802.11n(40MHz)
,5190MHz,Ant6



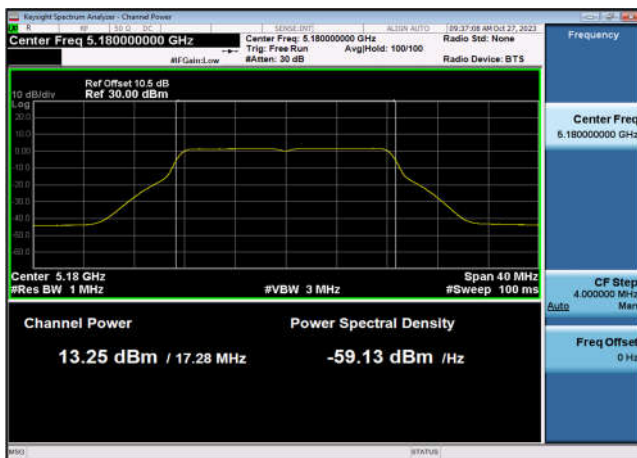
U-NII-1 Output Power-802.11n(40MHz)
,5230MHz,Ant7



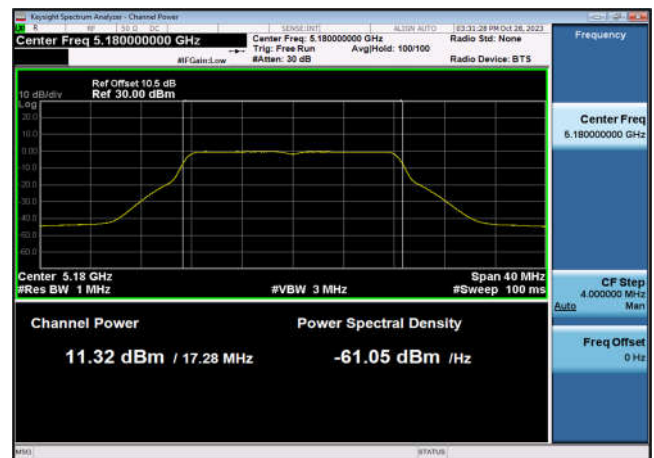
U-NII-1 Output Power-802.11n(40MHz)
,5230MHz,Ant6



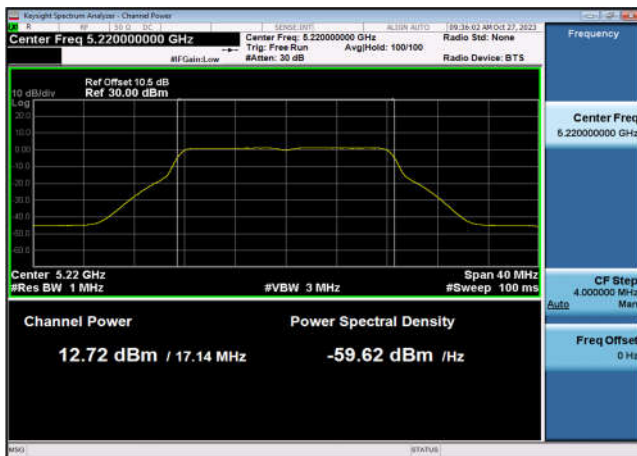
U-NII-1 Output Power-802.11a(20MHz)
,5180MHz,Ant7



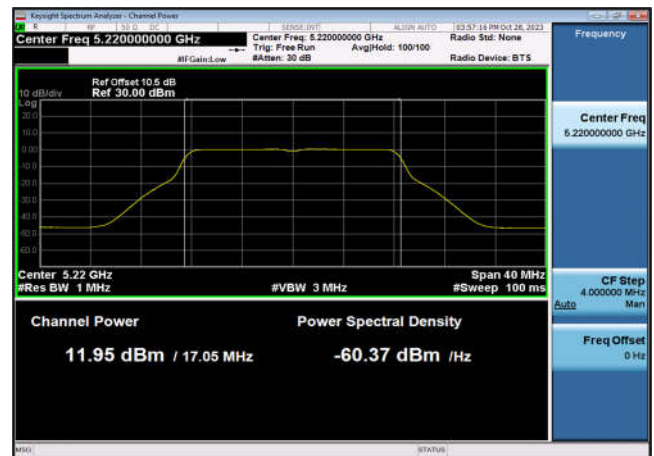
U-NII-1 Output Power-802.11a(20MHz)
,5180MHz,Ant6



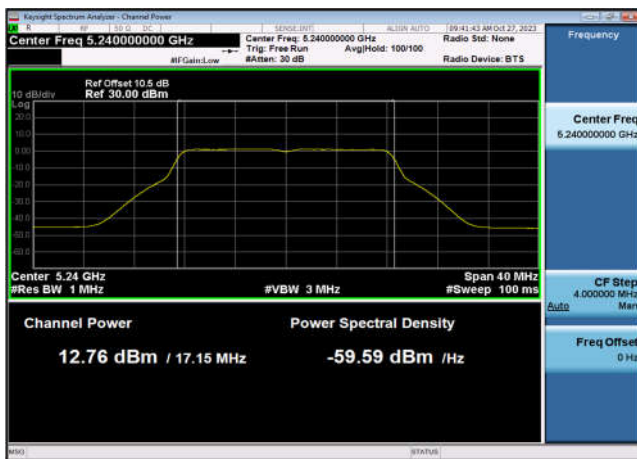
U-NII-1 Output Power-802.11a(20MHz)
,5220MHz,Ant7



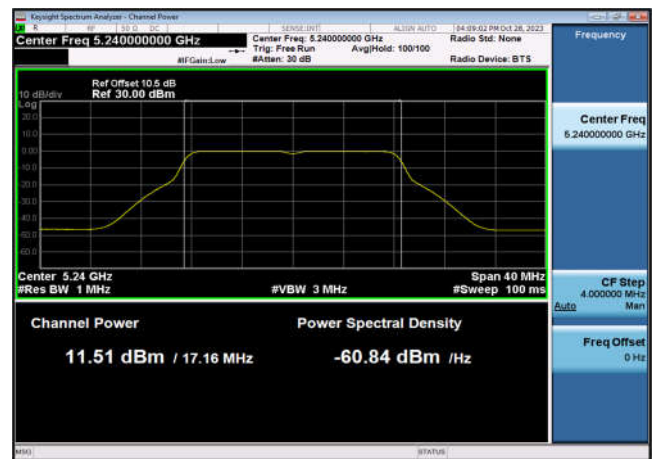
U-NII-1 Output Power-802.11a(20MHz)
,5220MHz,Ant6



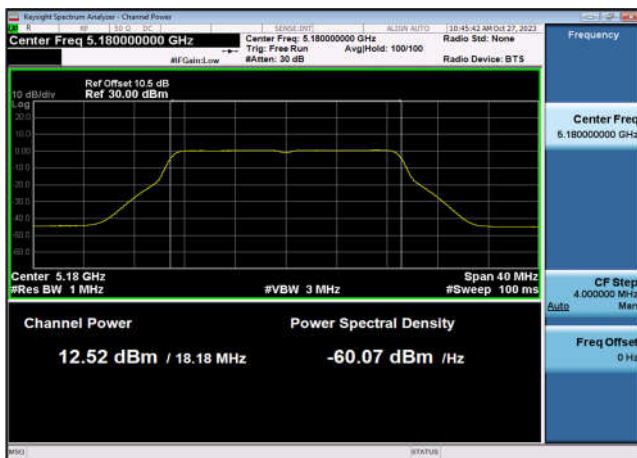
U-NII-1 Output Power-802.11a(20MHz)
,5240MHz,Ant7



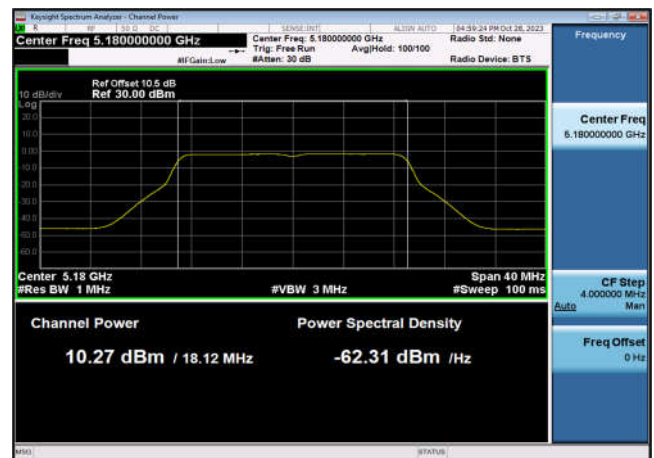
U-NII-1 Output Power-802.11a(20MHz)
,5240MHz,Ant6



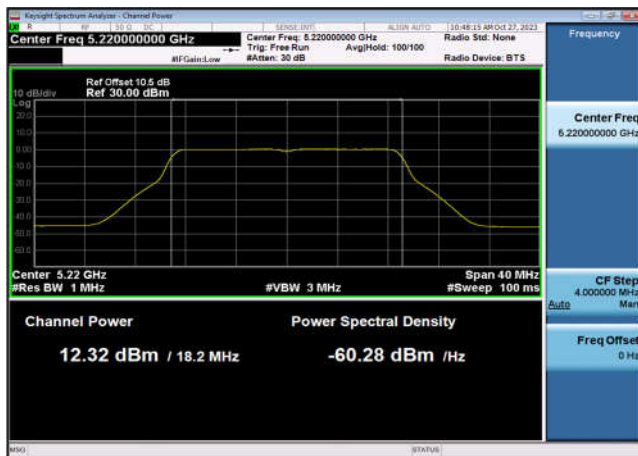
U-NII-1 Output Power-802.11ac(20MHz)
,5180MHz,Ant7



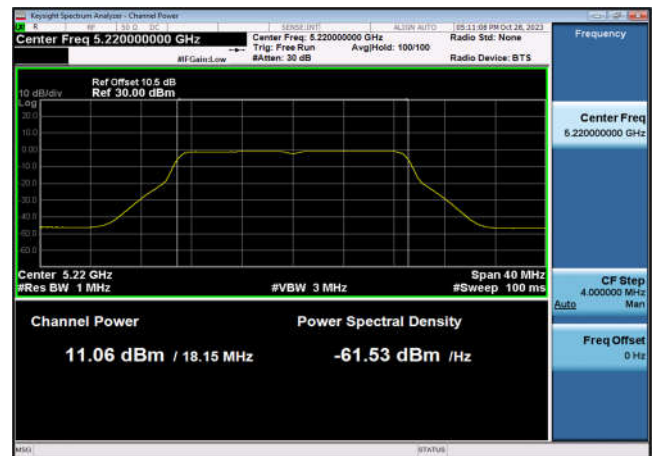
U-NII-1 Output Power-802.11ac(20MHz)
,5180MHz,Ant6



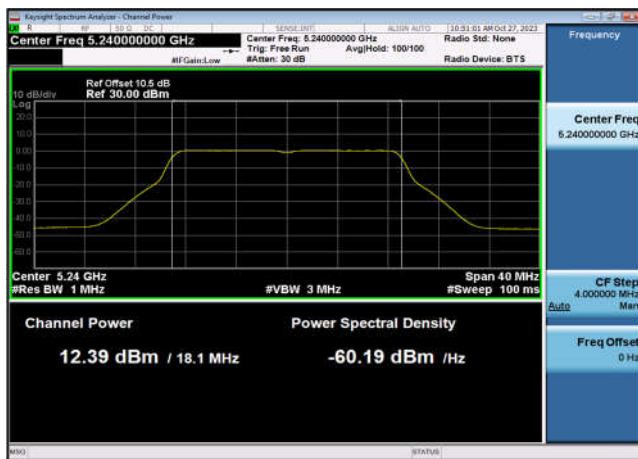
U-NII-1 Output Power-802.11ac(20MHz)
,5220MHz,Ant7



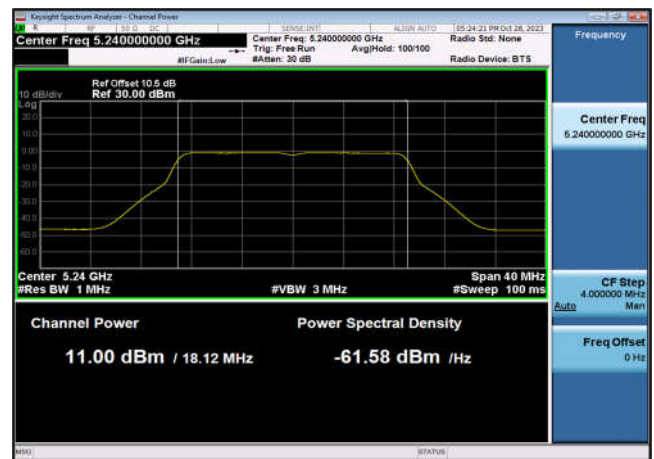
U-NII-1 Output Power-802.11ac(20MHz)
,5220MHz,Ant6



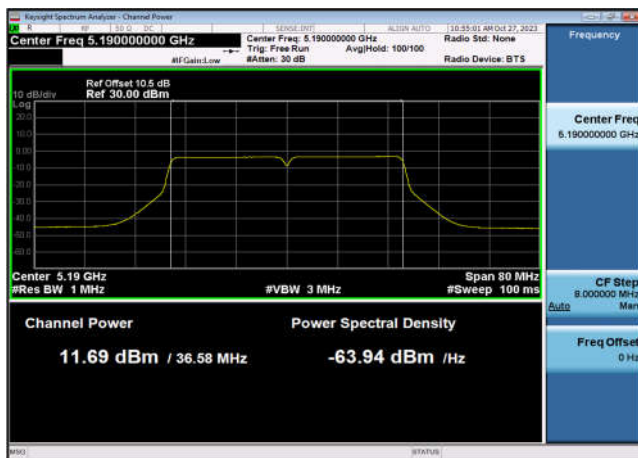
U-NII-1 Output Power-802.11ac(20MHz)
,5240MHz,Ant7



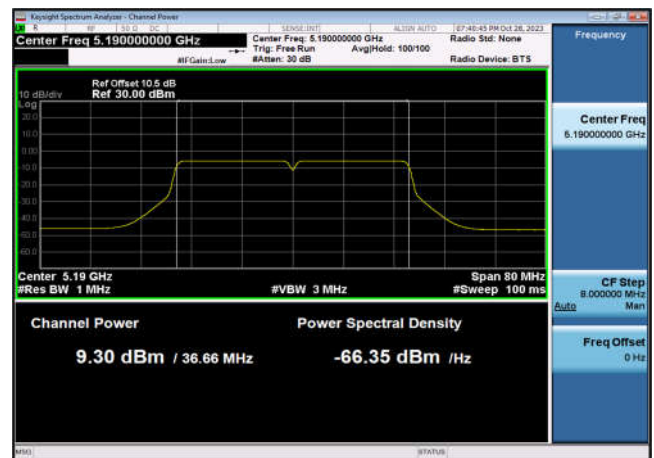
U-NII-1 Output Power-802.11ac(20MHz)
,5240MHz,Ant6



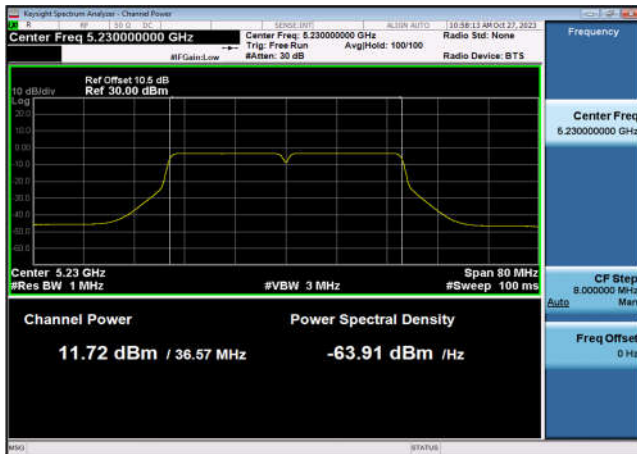
U-NII-1 Output Power-802.11ac(40MHz)
,5190MHz,Ant7



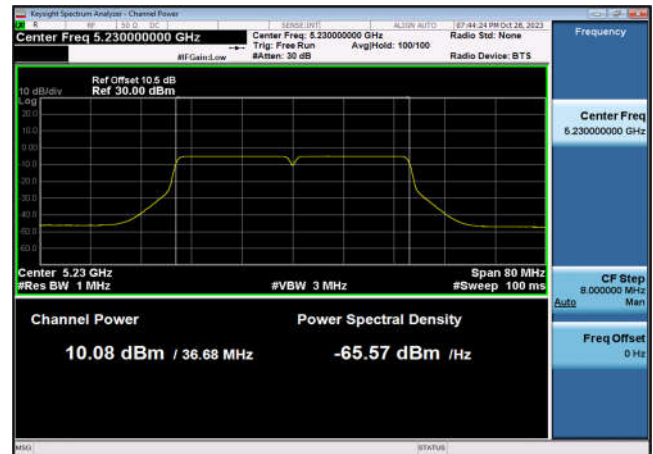
U-NII-1 Output Power-802.11ac(40MHz)
,5190MHz,Ant6



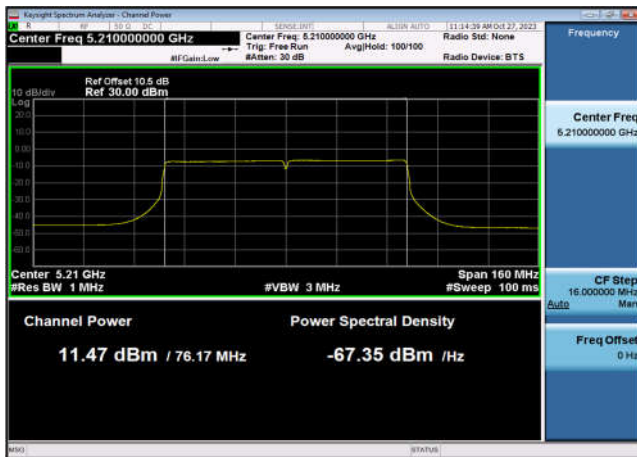
U-NII-1 Output Power-802.11ac(40MHz)
,5230MHz,Ant7



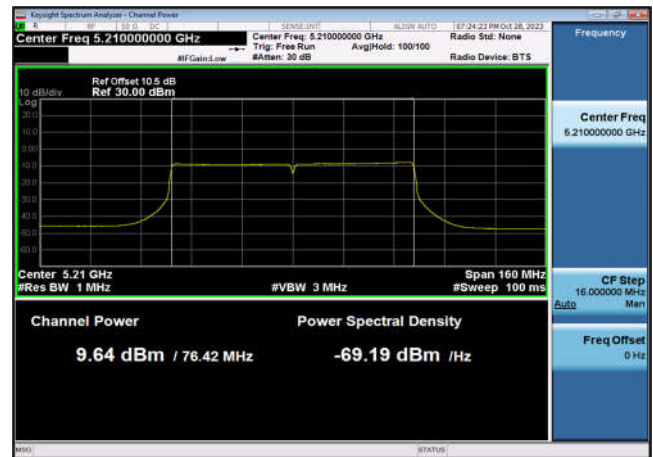
U-NII-1 Output Power-802.11ac(40MHz)
,5230MHz,Ant6



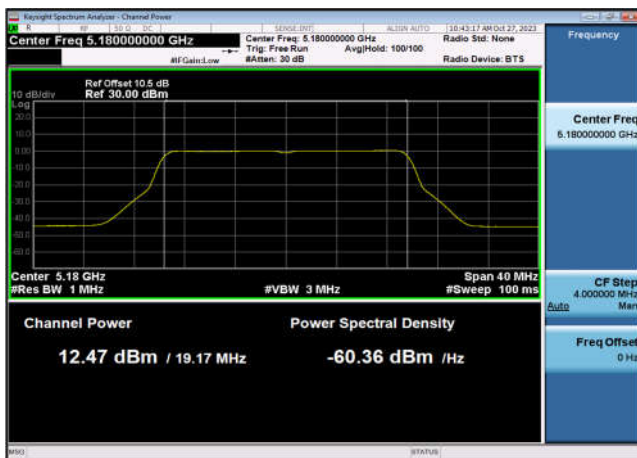
U-NII-1 Output Power-802.11ac(80MHz)
,5210MHz,Ant7



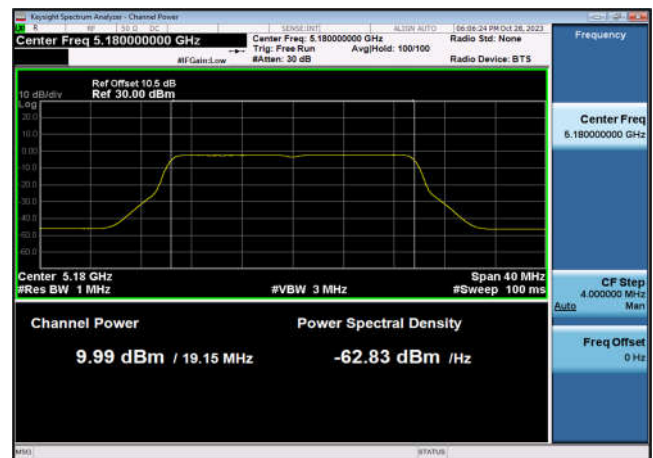
U-NII-1 Output Power-802.11ac(80MHz)
,5210MHz,Ant6



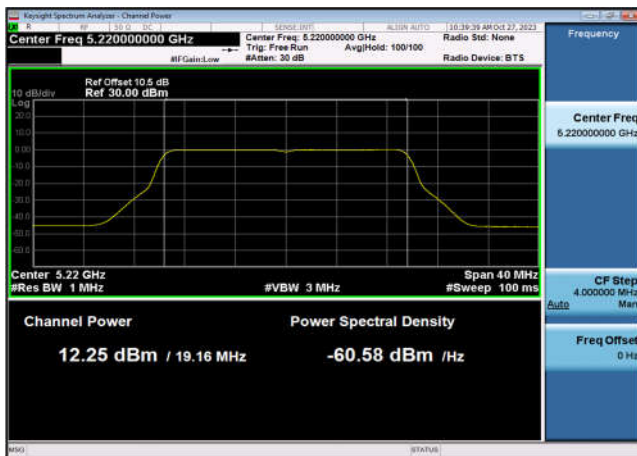
U-NII-1 Output Power-802.11ax(20MHz)
,5180MHz,Ant7



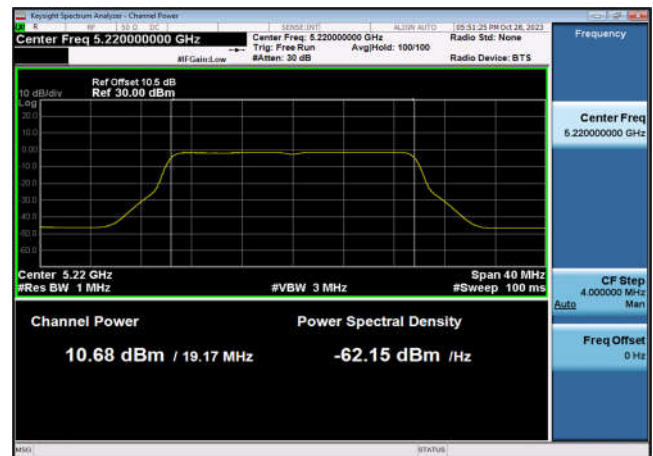
U-NII-1 Output Power-802.11ax(20MHz)
,5180MHz,Ant6



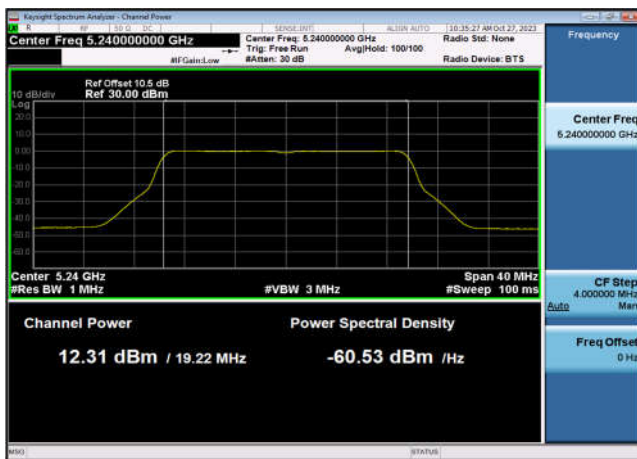
U-NII-1 Output Power-802.11ax(20MHz)
,5220MHz,Ant7



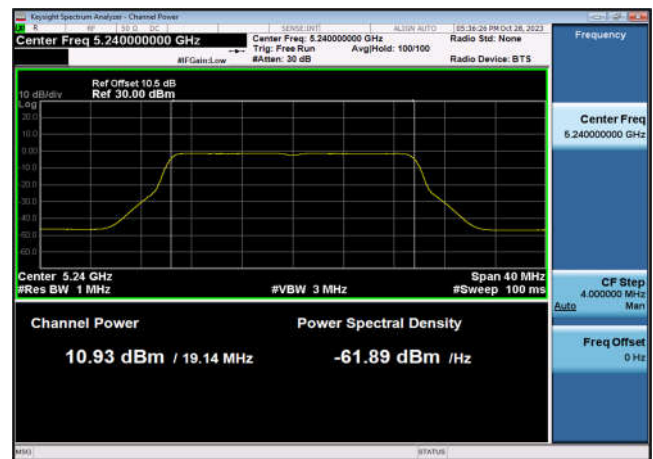
U-NII-1 Output Power-802.11ax(20MHz)
,5220MHz,Ant6



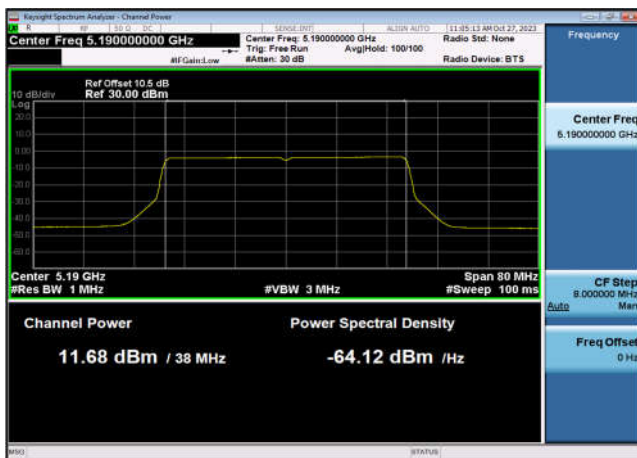
U-NII-1 Output Power-802.11ax(20MHz)
,5240MHz,Ant7



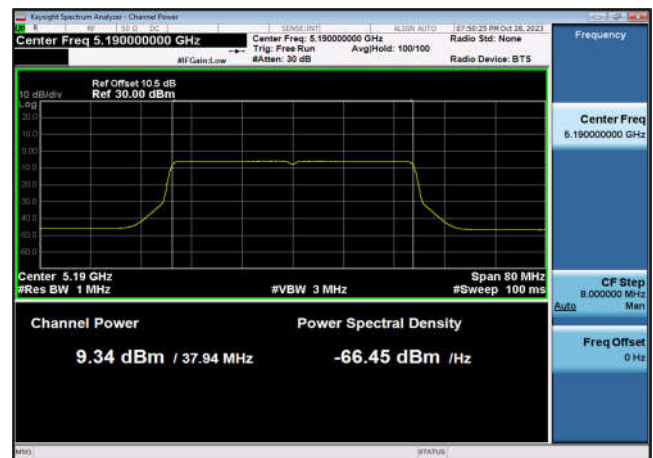
U-NII-1 Output Power-802.11ax(20MHz)
,5240MHz,Ant6



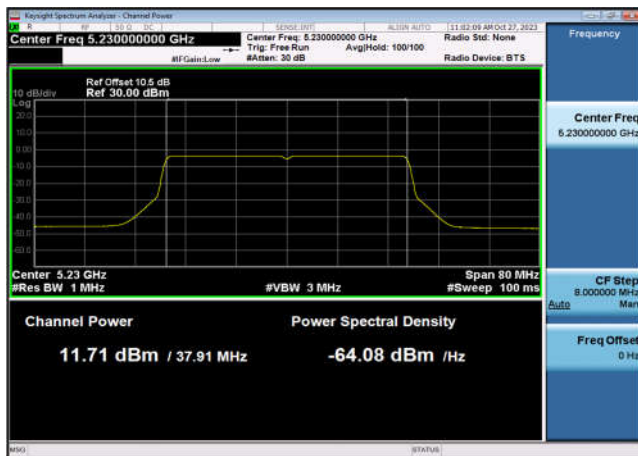
U-NII-1 Output Power-802.11ax(40MHz)
,5190MHz,Ant7



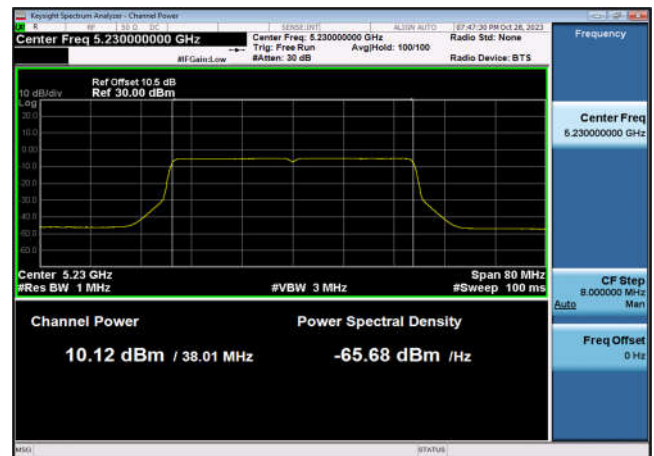
U-NII-1 Output Power-802.11ax(40MHz)
,5190MHz,Ant6



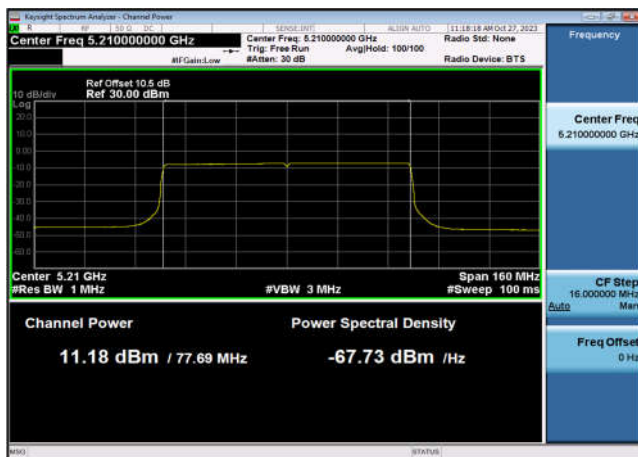
U-NII-1 Output Power-802.11ax(40MHz)
,5230MHz,Ant7



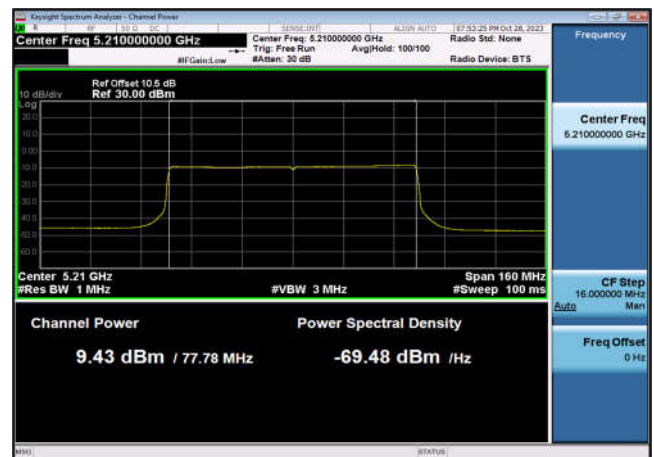
U-NII-1 Output Power-802.11ax(40MHz)
,5230MHz,Ant6



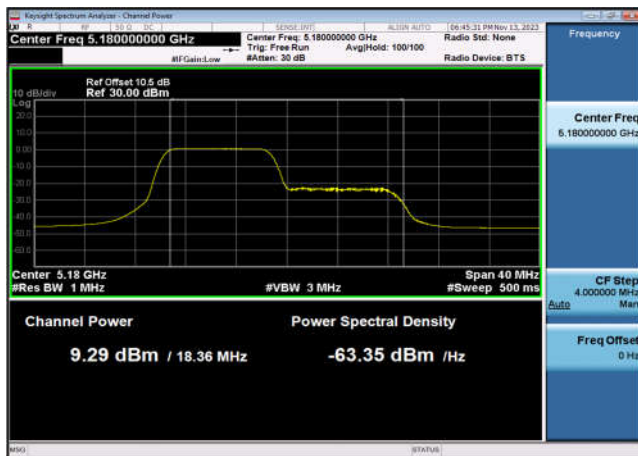
U-NII-1 Output Power-802.11ax(80MHz)
,5210MHz,Ant7



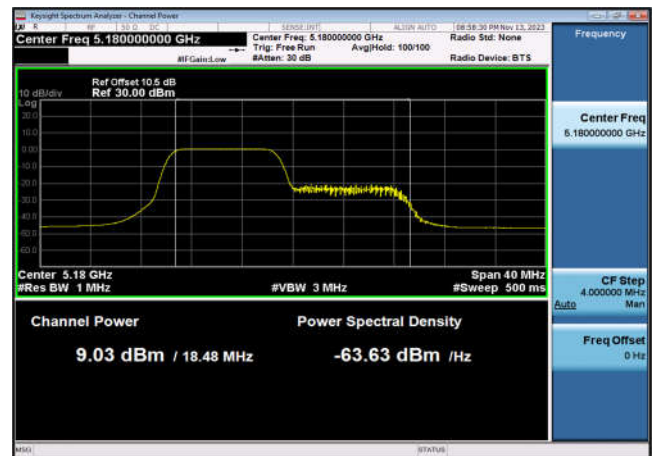
U-NII-1 Output Power-802.11ax(80MHz)
,5210MHz,Ant6



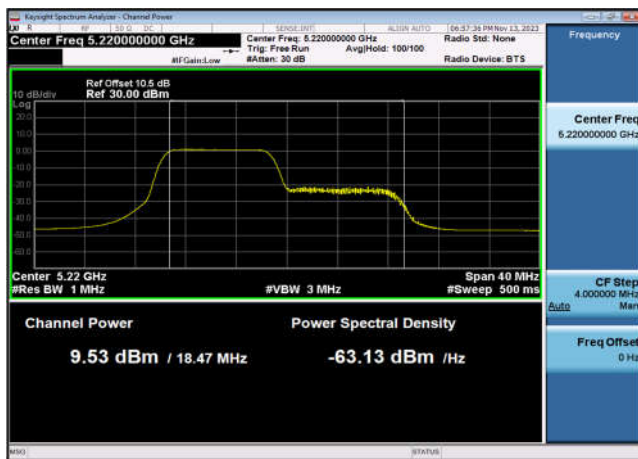
U-NII-1 Output Power-802.11ax(20MHz
_RU106_1),5180MHz,Ant7



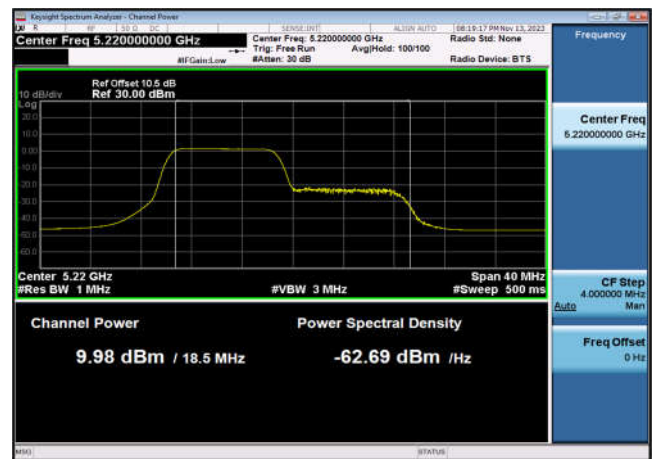
U-NII-1 Output Power-802.11ax(20MHz
_RU106_1),5180MHz,Ant6



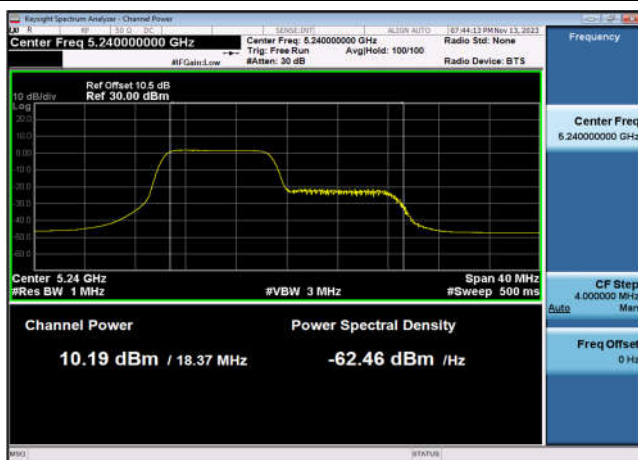
U-NII-1 Output Power-802.11ax(20MHz
_RU106_1),5220MHz,Ant7



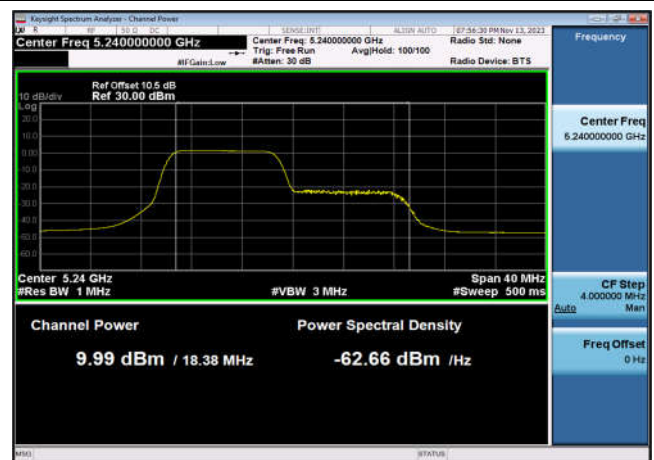
U-NII-1 Output Power-802.11ax(20MHz
_RU106_1),5220MHz,Ant6

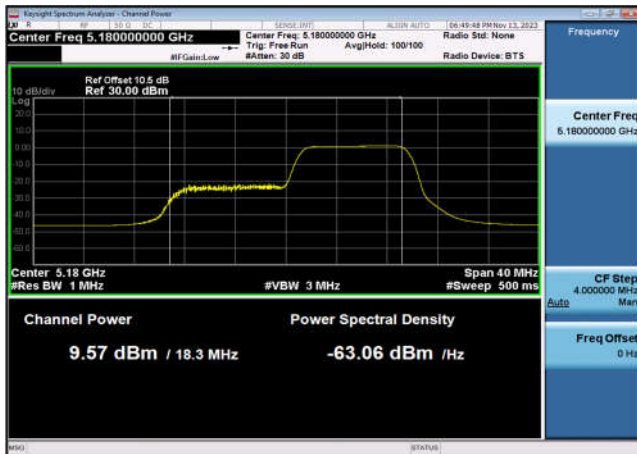
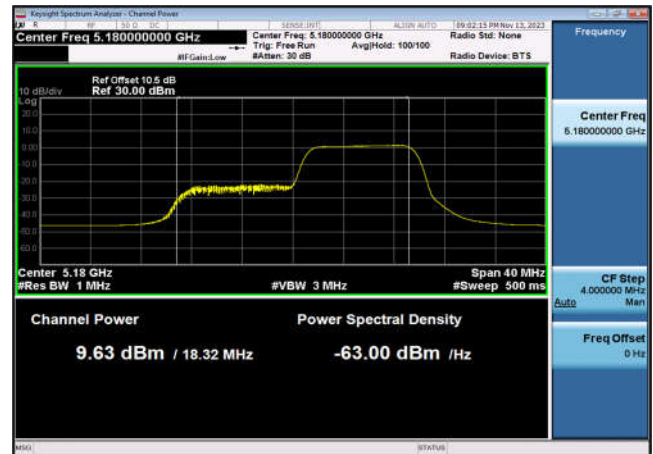
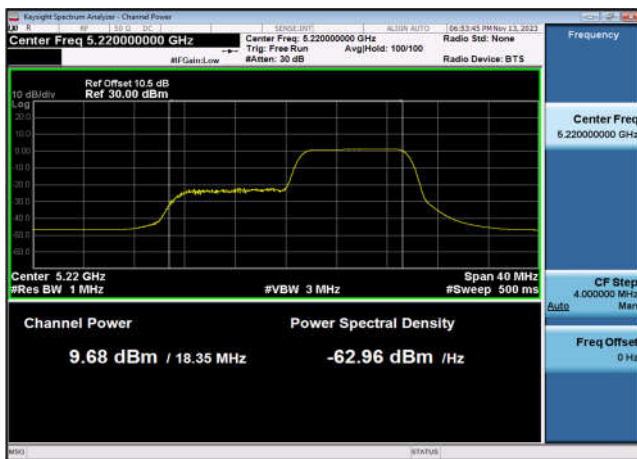
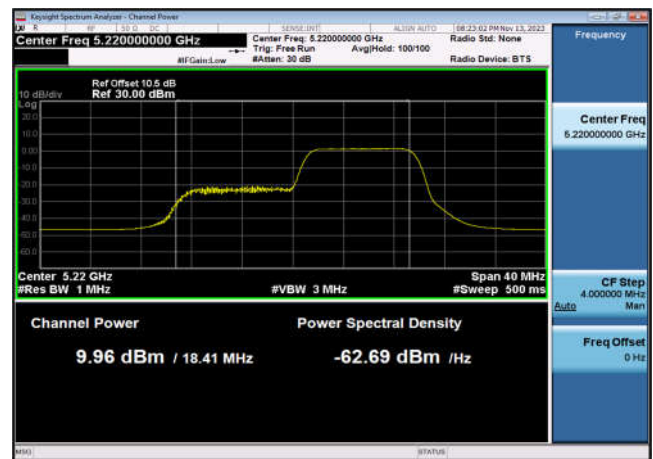
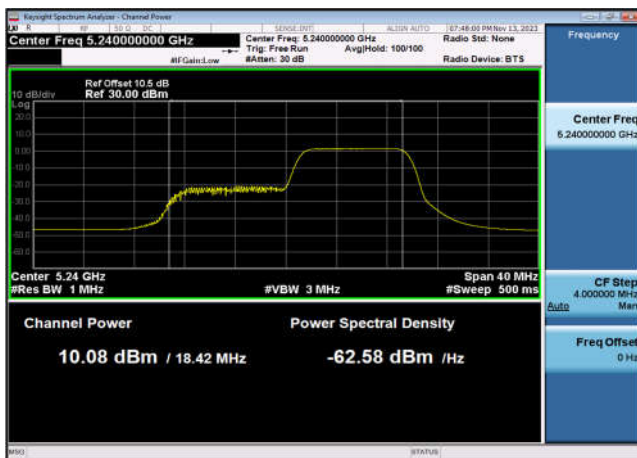
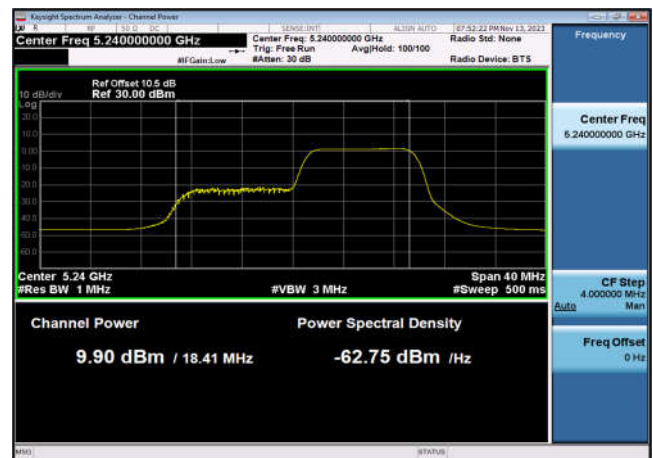


U-NII-1 Output Power-802.11ax(20MHz
_RU106_1),5240MHz,Ant7

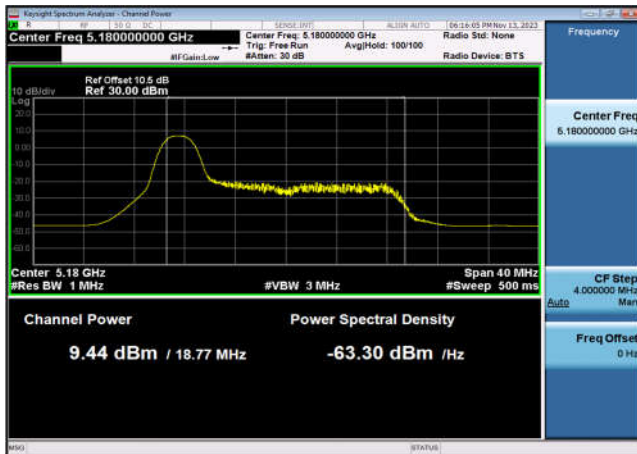


U-NII-1 Output Power-802.11ax(20MHz
_RU106_1),5240MHz,Ant6

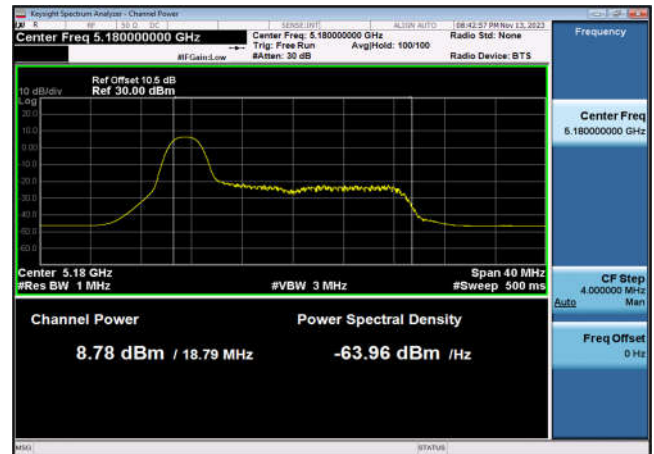


U-NII-1 Output Power-802.11ax(20MHz
_RU106_2),5180MHz,Ant7

U-NII-1 Output Power-802.11ax(20MHz
_RU106_2),5180MHz,Ant6

U-NII-1 Output Power-802.11ax(20MHz
_RU106_2),5220MHz,Ant7

U-NII-1 Output Power-802.11ax(20MHz
_RU106_2),5220MHz,Ant6

U-NII-1 Output Power-802.11ax(20MHz
_RU106_2),5240MHz,Ant7

U-NII-1 Output Power-802.11ax(20MHz
_RU106_2),5240MHz,Ant6


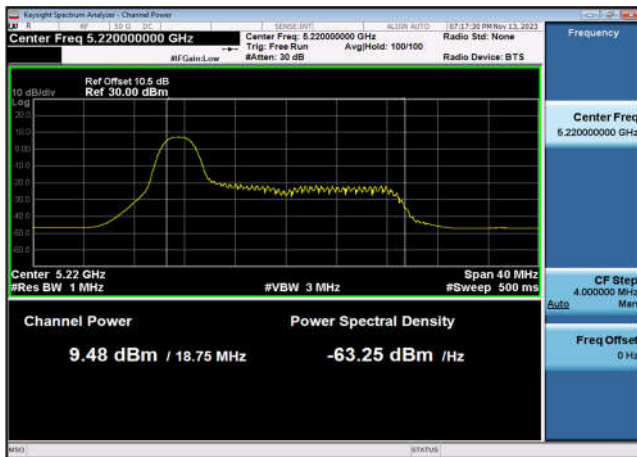
U-NII-1 Output Power-802.11ax(20MHz
_RU26_1),5180MHz,Ant7



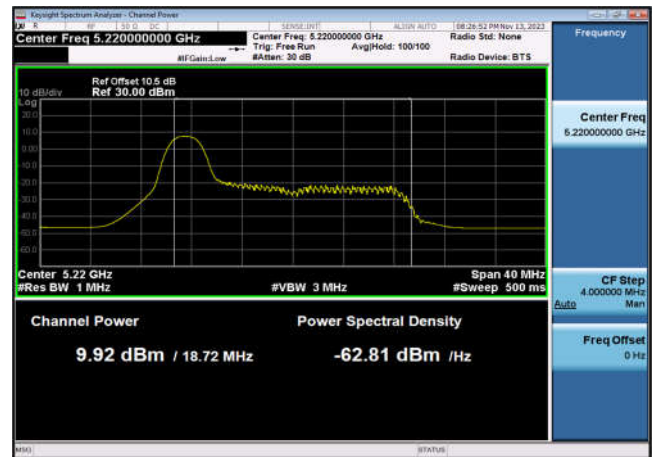
U-NII-1 Output Power-802.11ax(20MHz
_RU26_1),5180MHz,Ant6



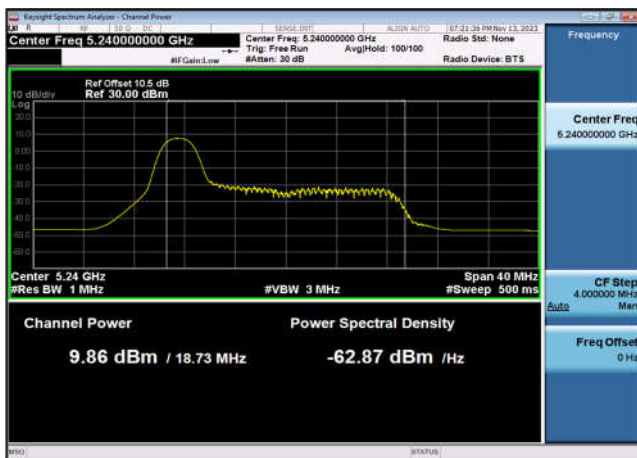
U-NII-1 Output Power-802.11ax(20MHz
_RU26_1),5220MHz,Ant7



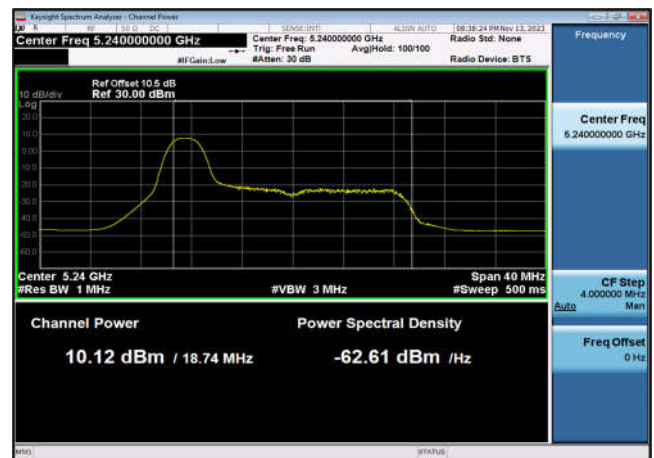
U-NII-1 Output Power-802.11ax(20MHz
_RU26_1),5220MHz,Ant6



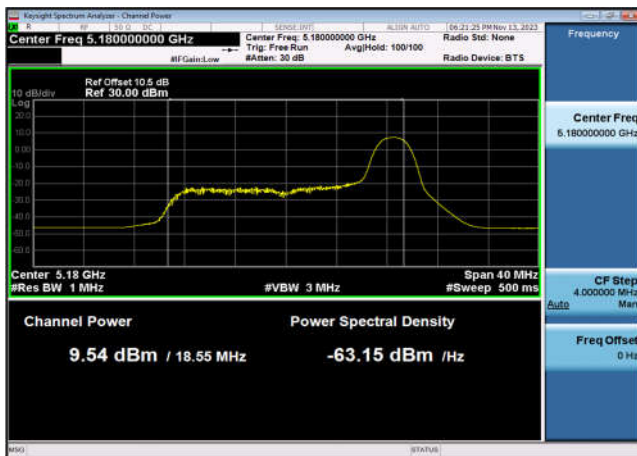
U-NII-1 Output Power-802.11ax(20MHz
_RU26_1),5240MHz,Ant7



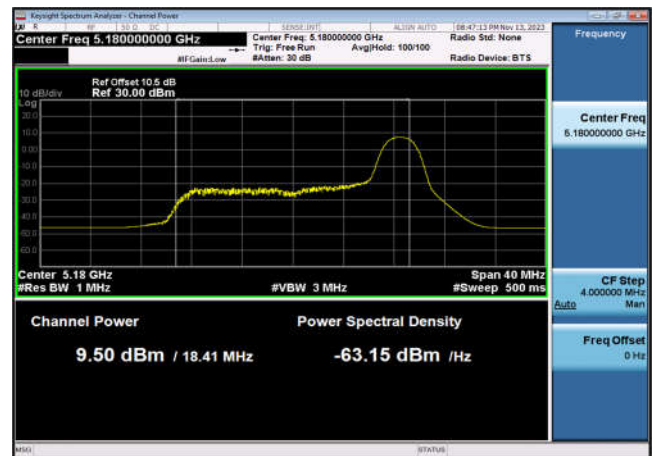
U-NII-1 Output Power-802.11ax(20MHz
_RU26_1),5240MHz,Ant6



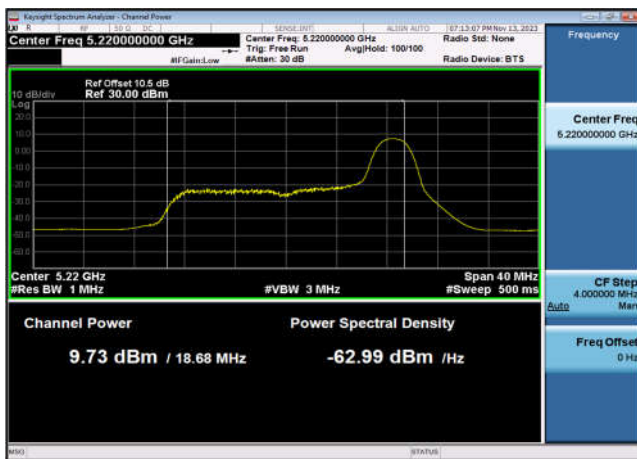
U-NII-1 Output Power-802.11ax(20MHz
_RU26_9),5180MHz,Ant7



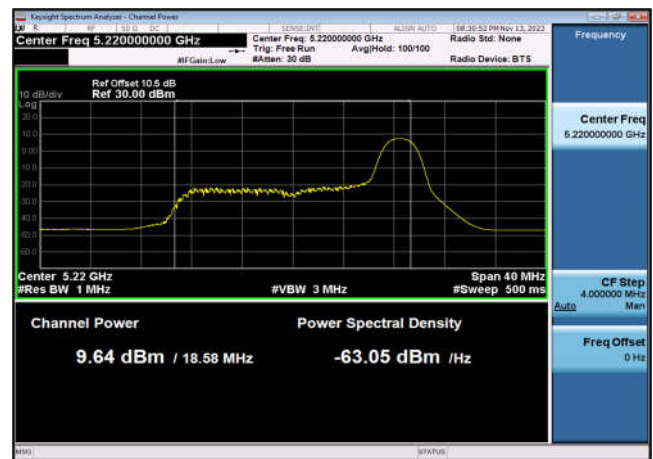
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_RU26_9),5180MHz,Ant6



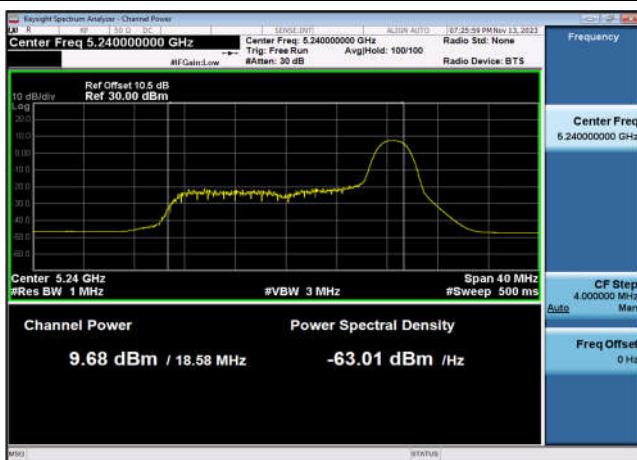
U-NII-1 Output Power-802.11ax(20MHz
_RU26_9),5220MHz,Ant7



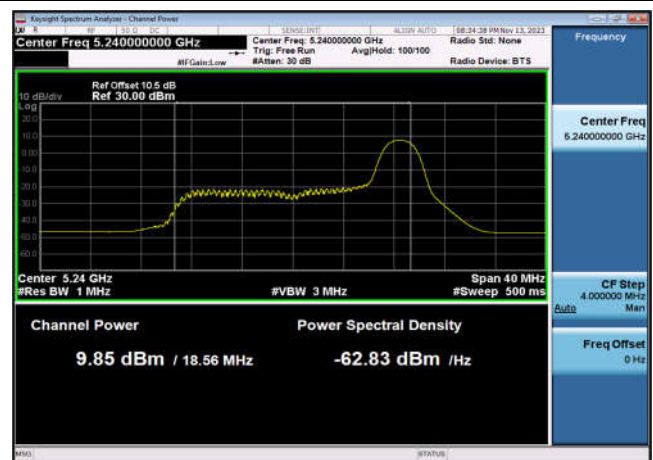
U-NII-1 Output Power-802.11ax(20MHz
_RU26_9),5220MHz,Ant6



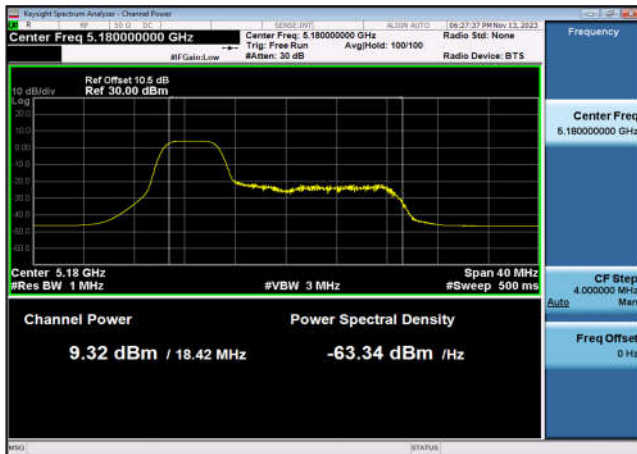
U-NII-1 Output Power-802.11ax(20MHz
_RU26_9),5240MHz,Ant7



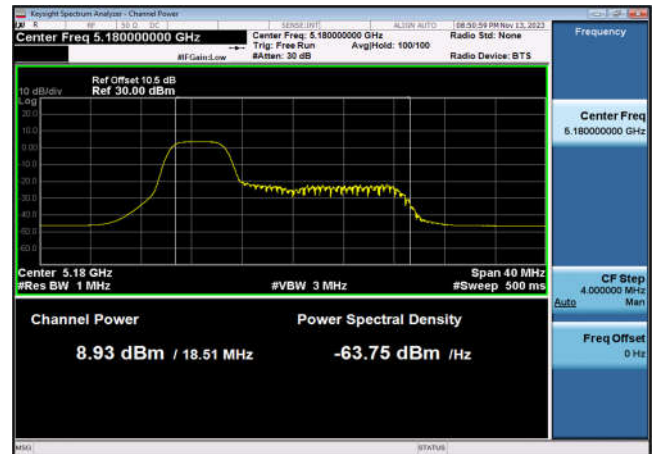
U-NII-1 Output Power-802.11ax(20MHz
_RU26_9),5240MHz,Ant6



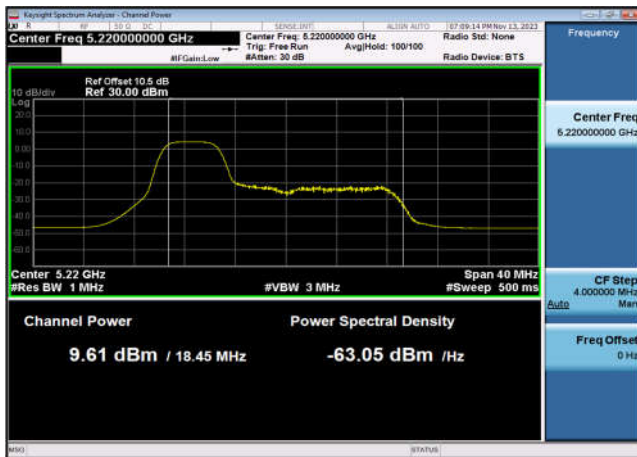
U-NII-1 Output Power-802.11ax(20MHz
_RU52_1),5180MHz,Ant7



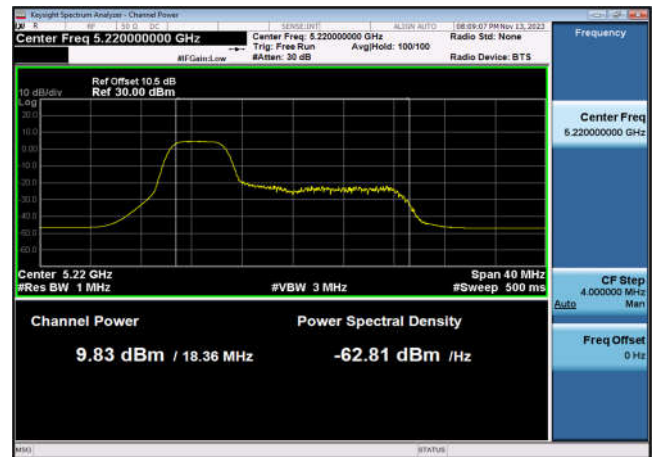
U-NII-1 Output Power-802.11ax(20MHz
_RU52_1),5180MHz,Ant6



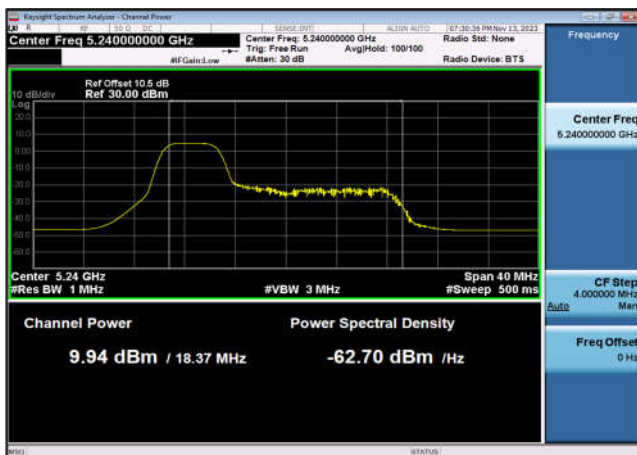
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_RU52_1),5220MHz,Ant7



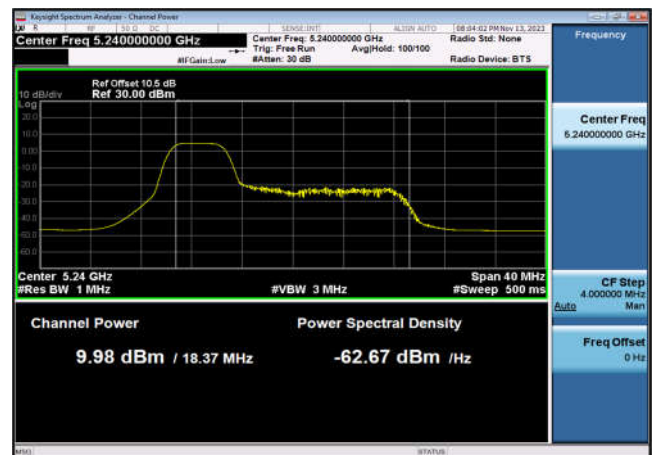
U-NII-1 Output Power-802.11ax(20MHz
_RU52_1),5220MHz,Ant6



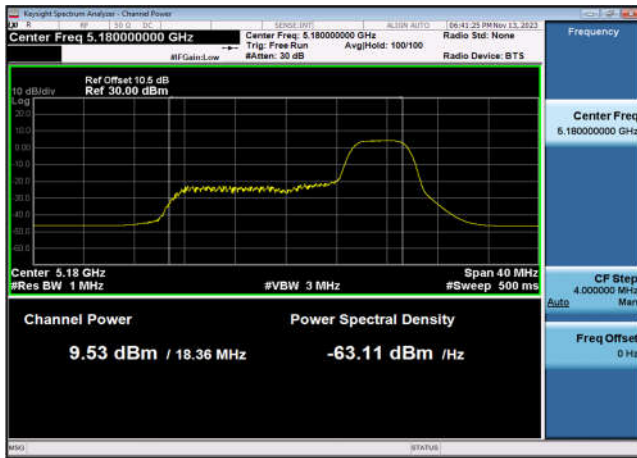
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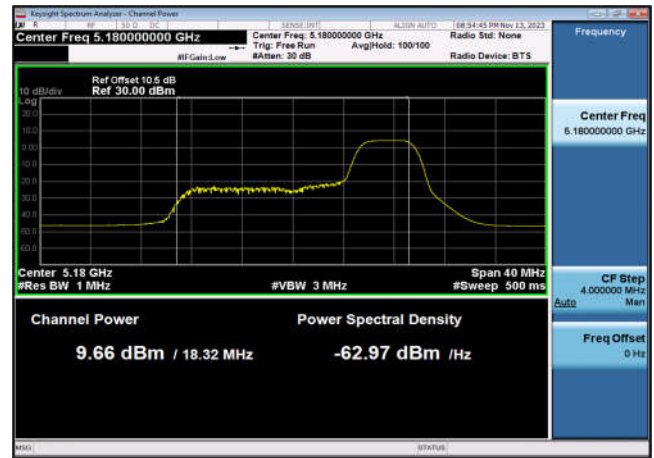
U-NII-1 Output Power-802.11ax(20MHz
_RU52_1),5240MHz,Ant6



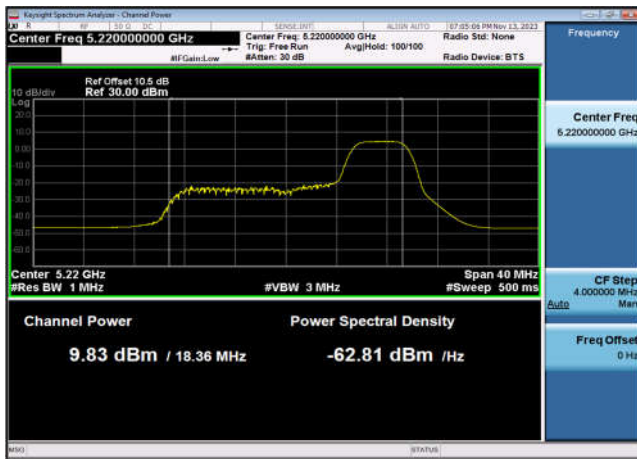
U-NII-1 Output Power-802.11ax(20MHz
_RU52_4),5180MHz,Ant7



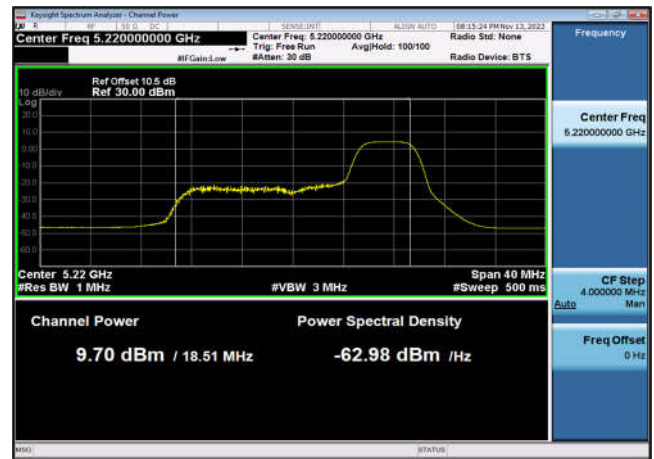
U-NII-1 Output Power-802.11ax(20MHz
_RU52_4),5180MHz,Ant6



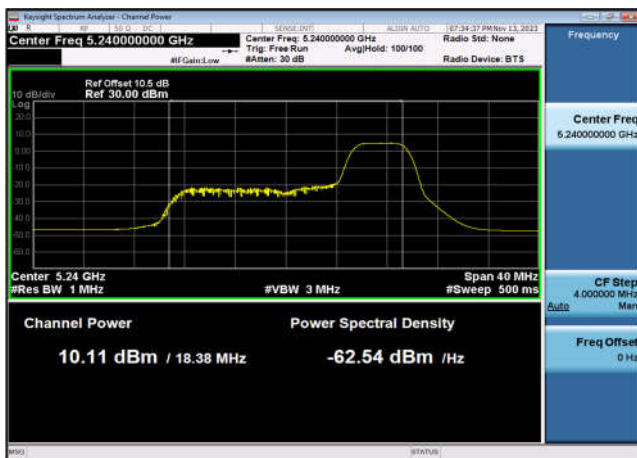
U-NII-1 Output Power-802.11ax(20MHz
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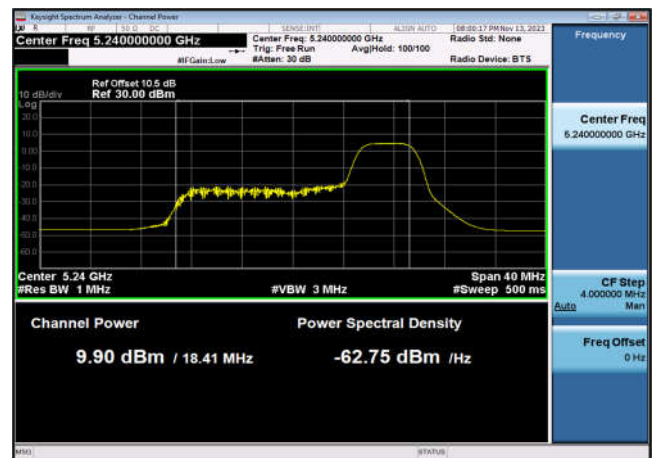
U-NII-1 Output Power-802.11ax(20MHz
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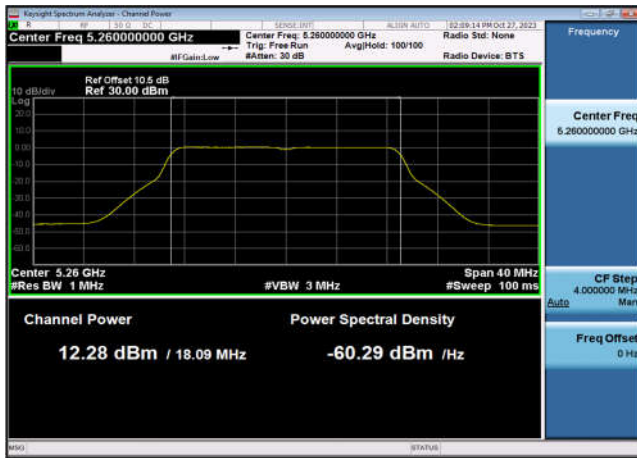
U-NII-1 Output Power-802.11ax(20MHz
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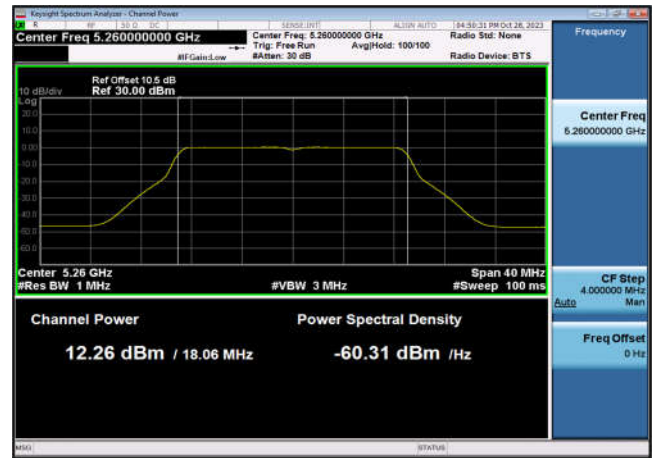
U-NII-1 Output Power-802.11ax(20MHz
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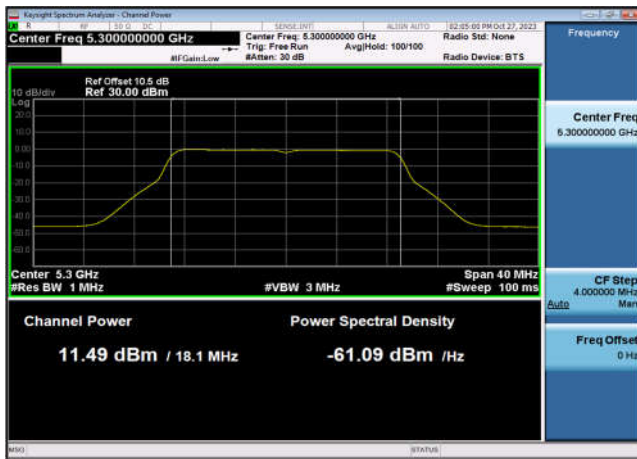
U-NII-2a Output Power-802.11n(20MHz)
,5260MHz,Ant7



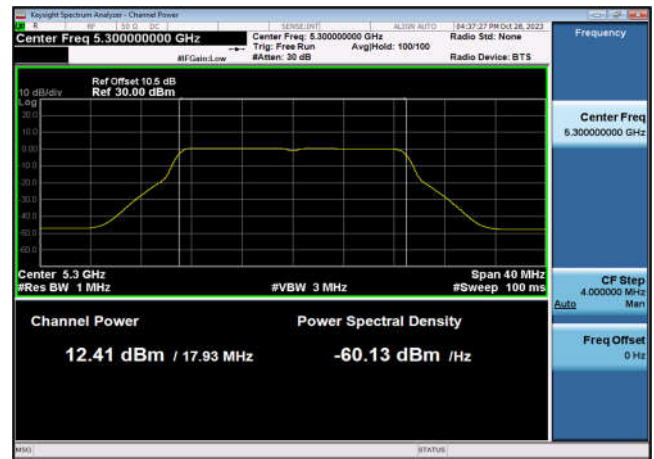
U-NII-2a Output Power-802.11n(20MHz)
,5260MHz,Ant6



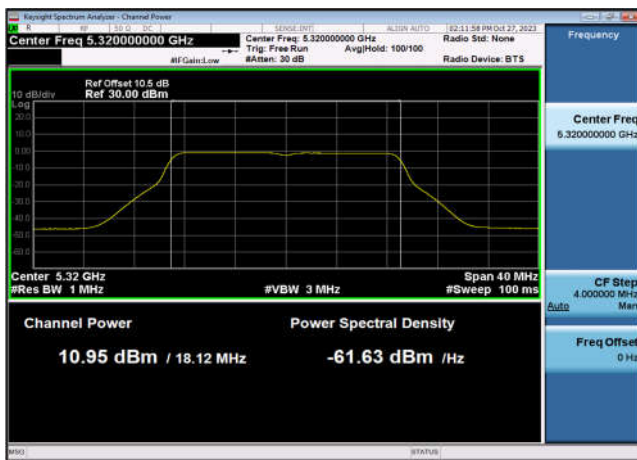
U-NII-2a Output Power-802.11n(20MHz)
,5300MHz,Ant7



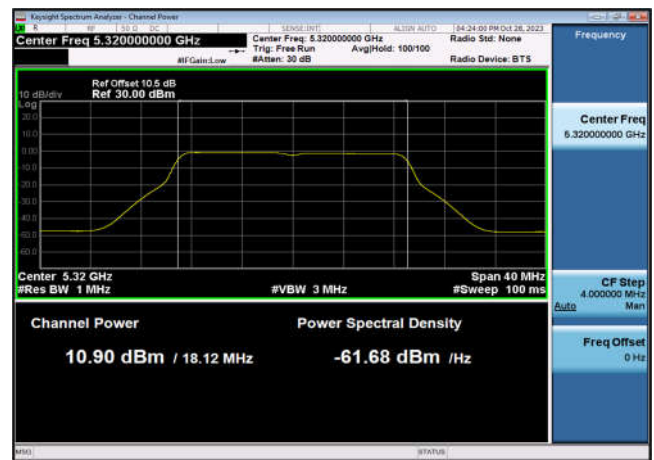
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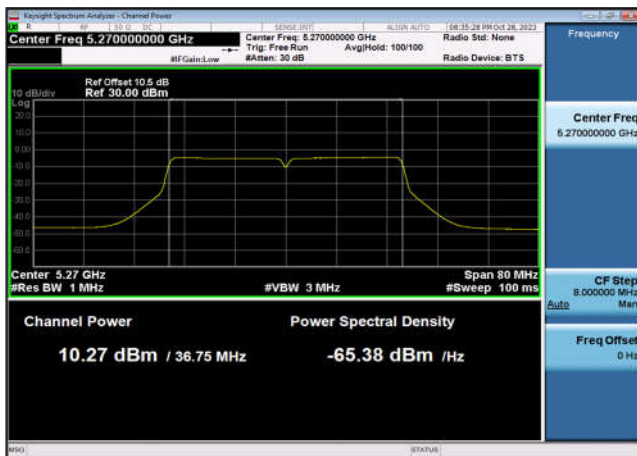
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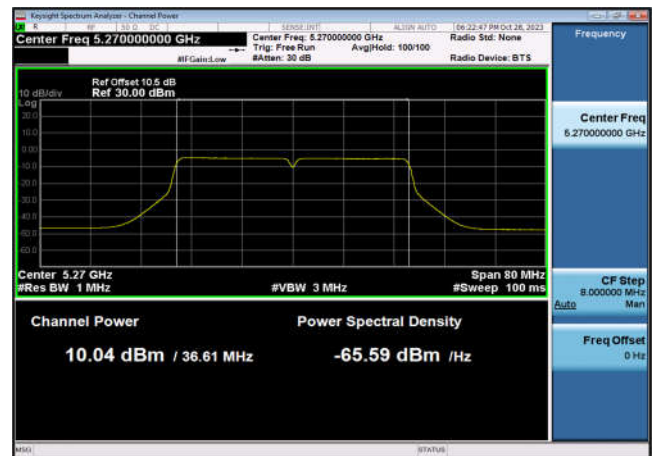
U-NII-2a Output Power-802.11n(20MHz)
,5320MHz,Ant6



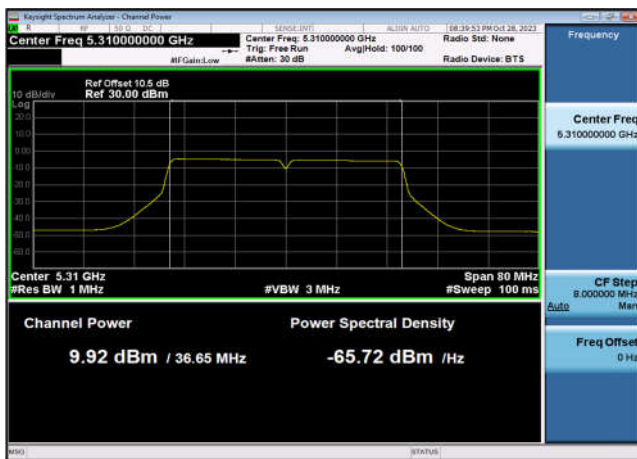
U-NII-2a Output Power-802.11n(40MHz)
,5270MHz,Ant7



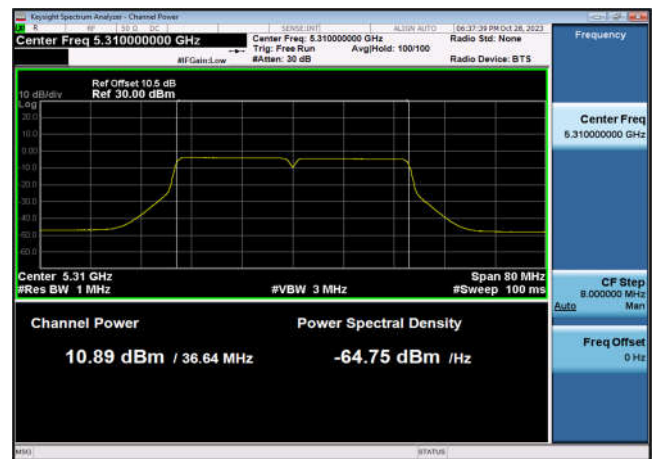
U-NII-2a Output Power-802.11n(40MHz)
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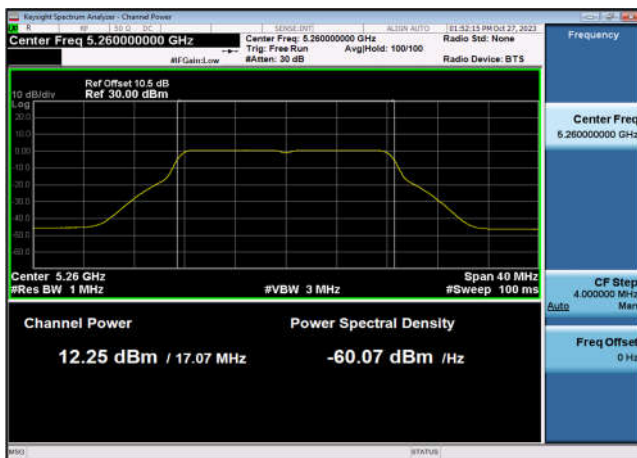
U-NII-2a Output Power-802.11n(40MHz)
,5310MHz,Ant7



U-NII-2a Output Power-802.11n(40MHz)
,5310MHz,Ant6



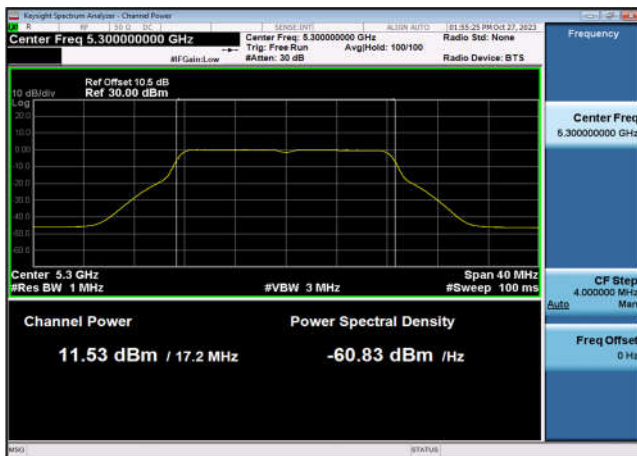
U-NII-2a Output Power-802.11a(20MHz)
,5260MHz,Ant7



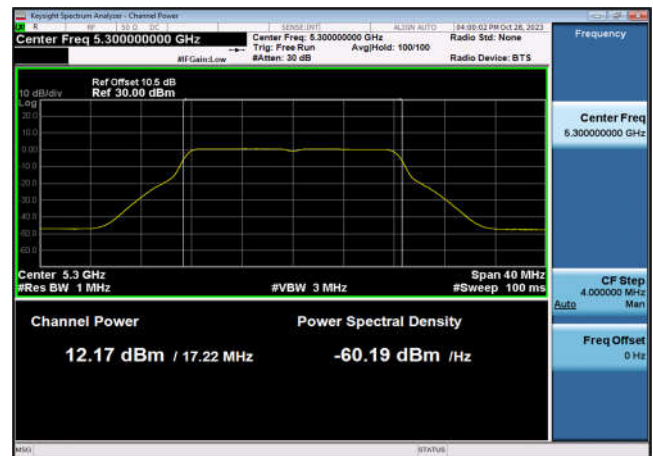
U-NII-2a Output Power-802.11a(20MHz)
,5260MHz,Ant6



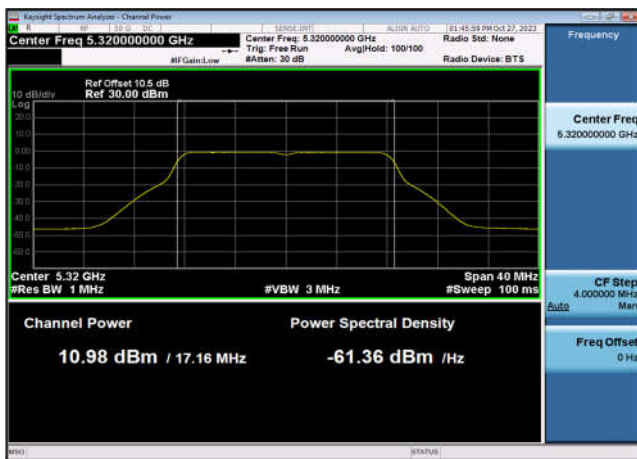
U-NII-2a Output Power-802.11a(20MHz)
,5300MHz,Ant7



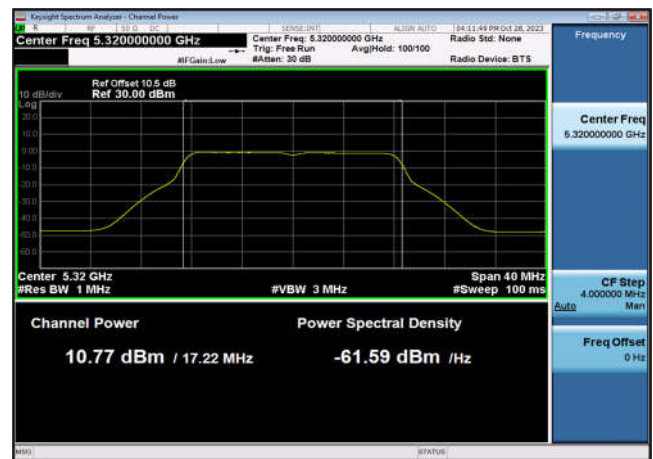
U-NII-2a Output Power-802.11a(20MHz)
,5300MHz,Ant6



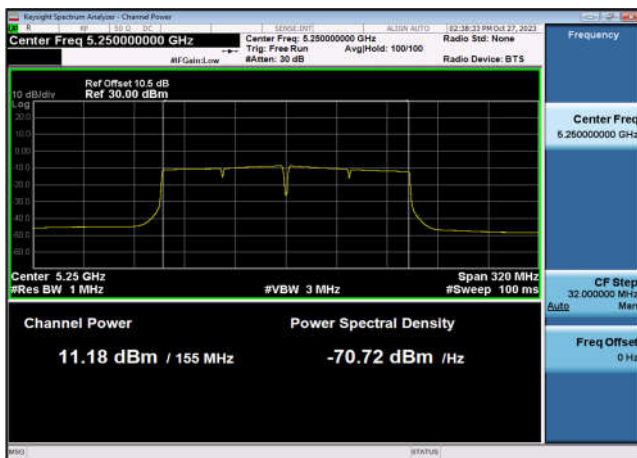
U-NII-2a Output Power-802.11a(20MHz)
,5320MHz,Ant7



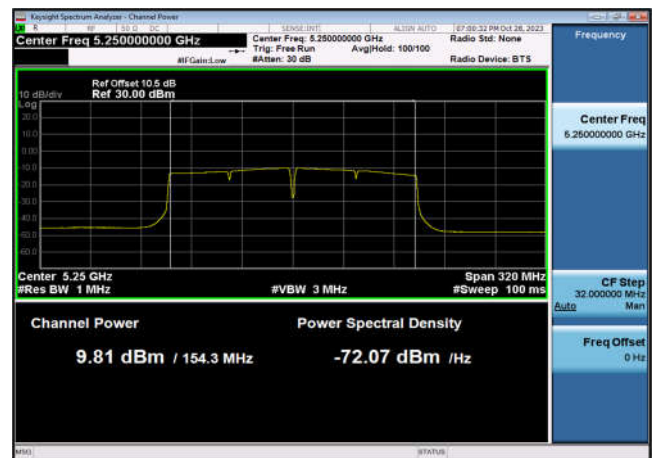
U-NII-2a Output Power-802.11a(20MHz)
,5320MHz,Ant6



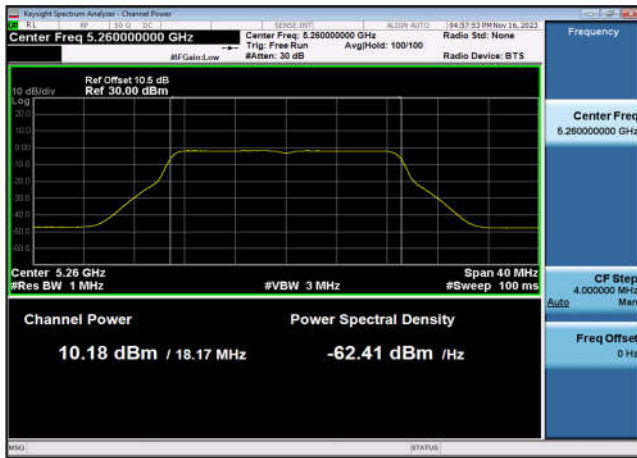
U-NII-2a Output Power-802.11ac(160MHz)
,5250MHz,Ant7



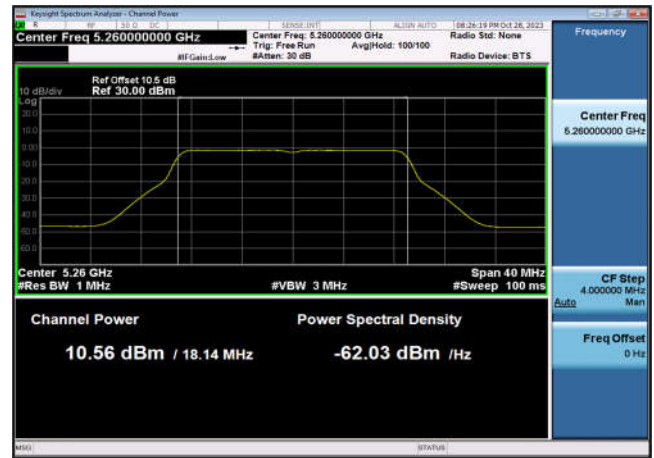
U-NII-2a Output Power-802.11ac(160MHz)
,5250MHz,Ant6



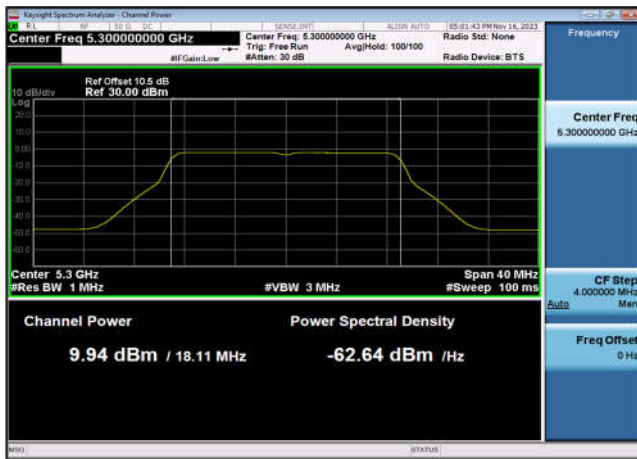
U-NII-2a Output Power-802.11ac(20MHz)
,5260MHz,Ant7



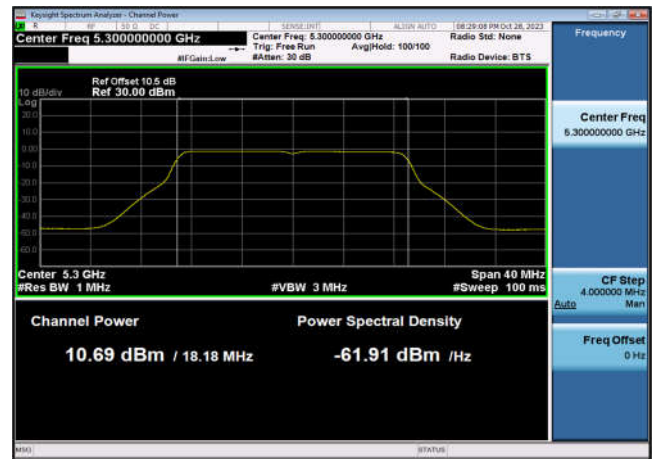
U-NII-2a Output Power-802.11ac(20MHz)
,5260MHz,Ant6



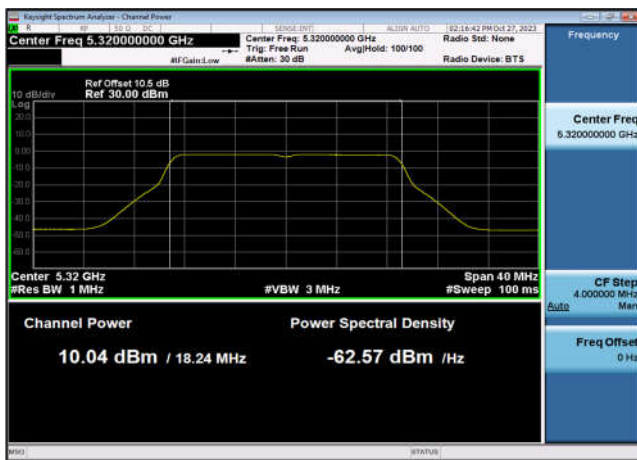
U-NII-2a Output Power-802.11ac(20MHz)
,5300MHz,Ant7



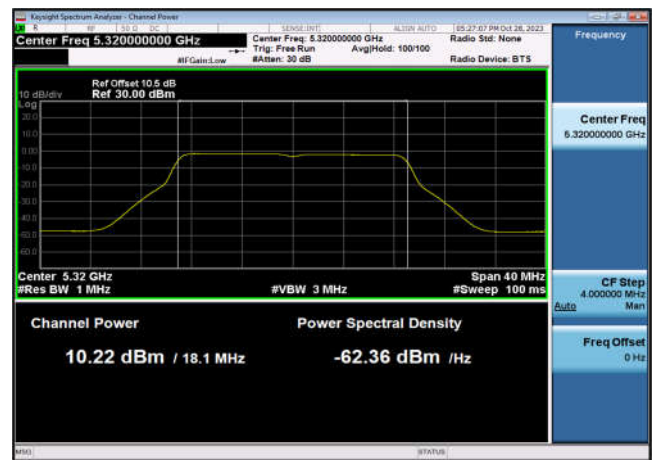
U-NII-2a Output Power-802.11ac(20MHz)
,5300MHz,Ant6



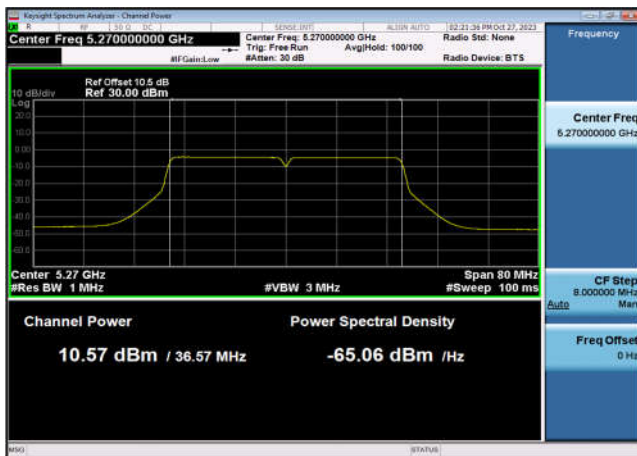
U-NII-2a Output Power-802.11ac(20MHz)
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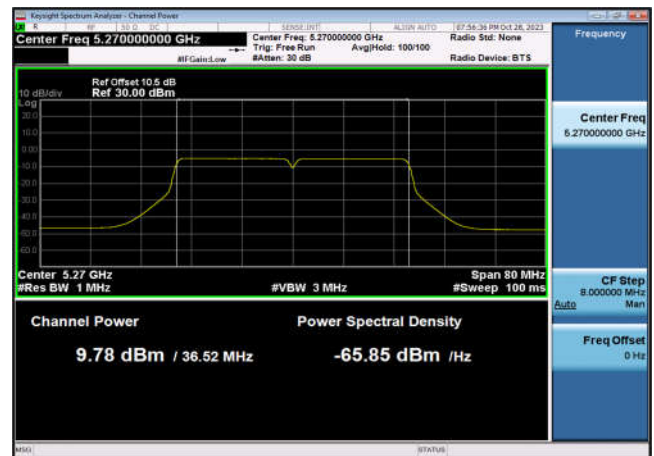
U-NII-2a Output Power-802.11ac(20MHz)
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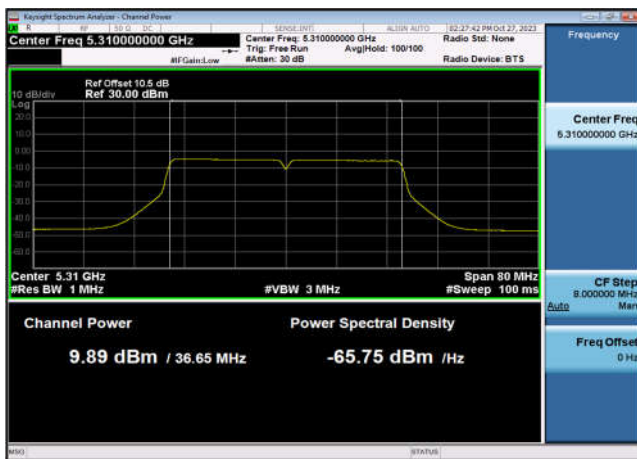
U-NII-2a Output Power-802.11ac(40MHz)
,5270MHz,Ant7



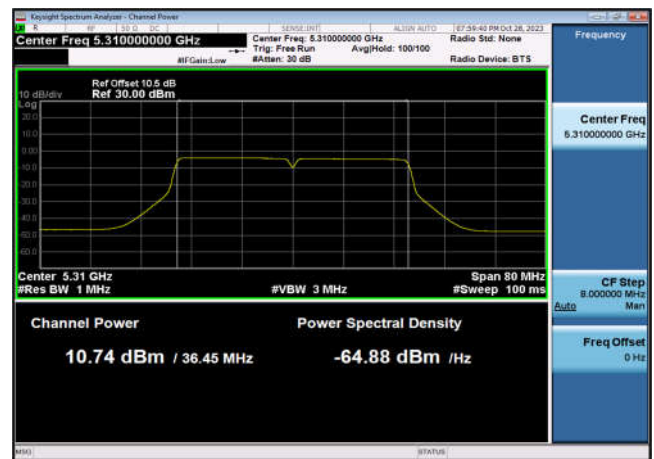
U-NII-2a Output Power-802.11ac(40MHz)
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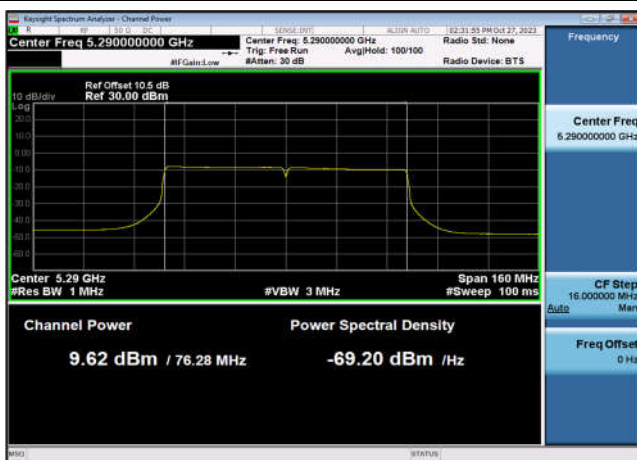
U-NII-2a Output Power-802.11ac(40MHz)
,5310MHz,Ant7



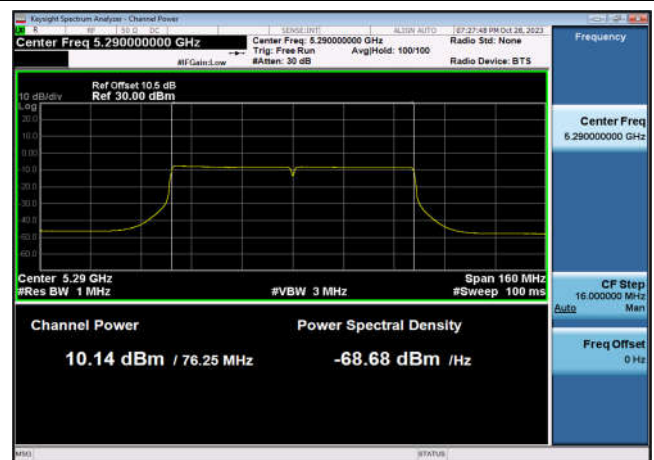
U-NII-2a Output Power-802.11ac(40MHz)
,5310MHz,Ant6



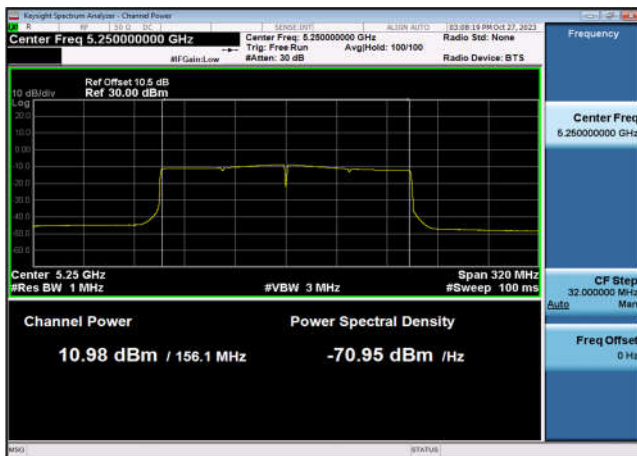
U-NII-2a Output Power-802.11ac(80MHz)
,5290MHz,Ant7



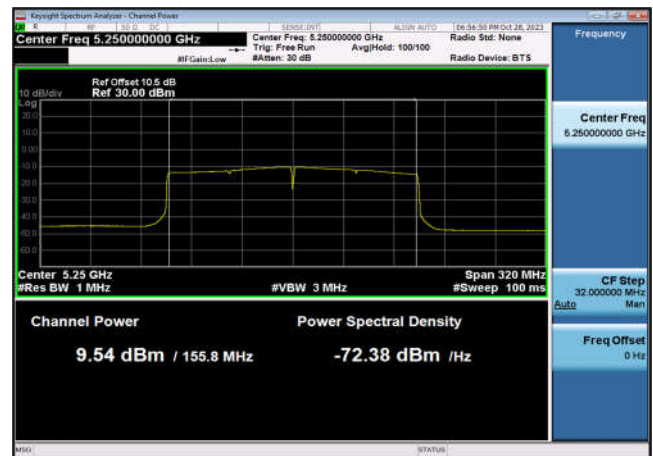
U-NII-2a Output Power-802.11ac(80MHz)
,5290MHz,Ant6



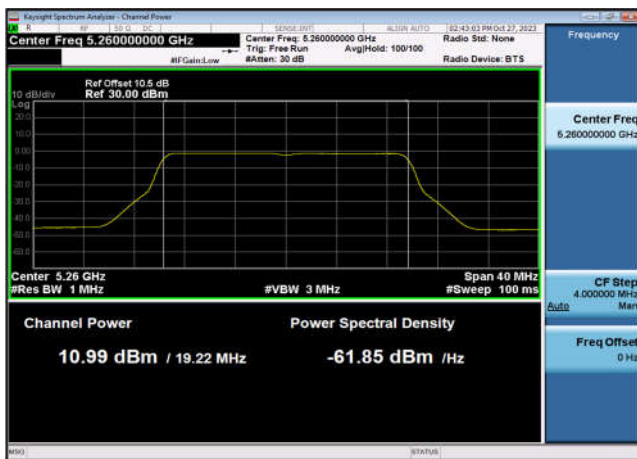
U-NII-2a Output Power-802.11ax(160MHz)
,5250MHz,Ant7



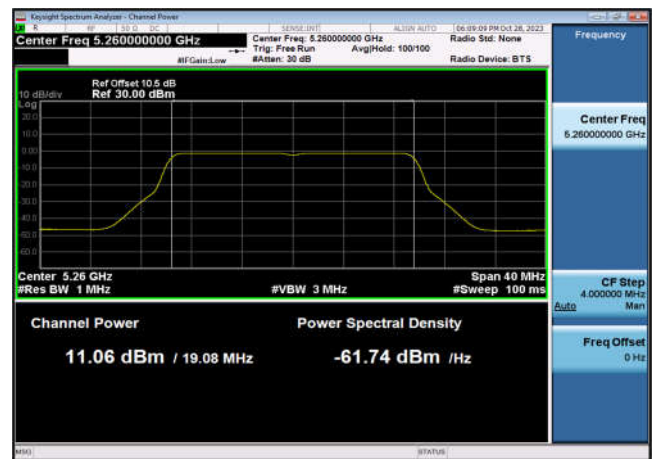
U-NII-2a Output Power-802.11ax(160MHz)
,5250MHz,Ant6



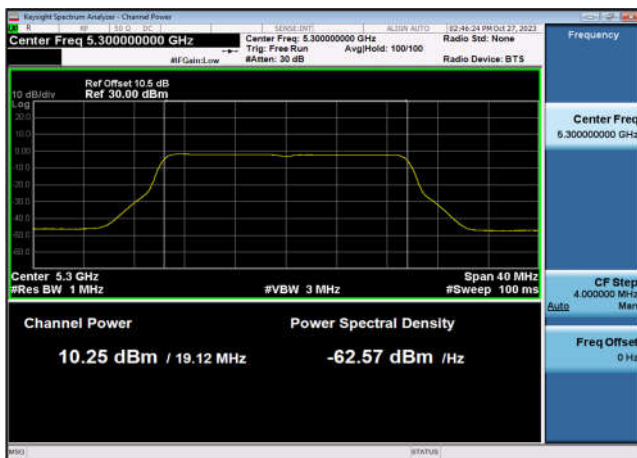
U-NII-2a Output Power-802.11ax(20MHz)
,5260MHz,Ant7



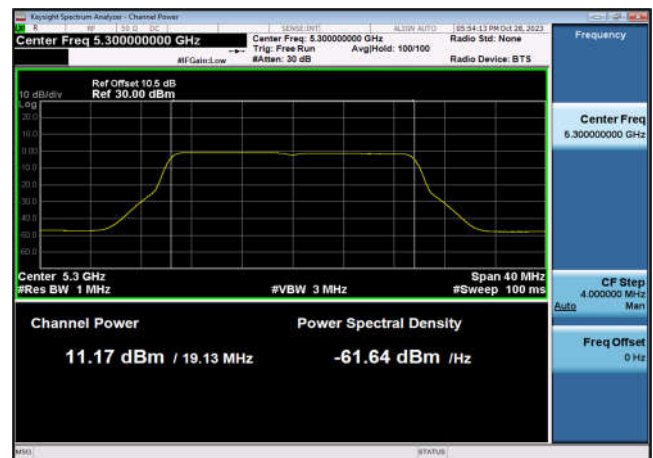
U-NII-2a Output Power-802.11ax(20MHz)
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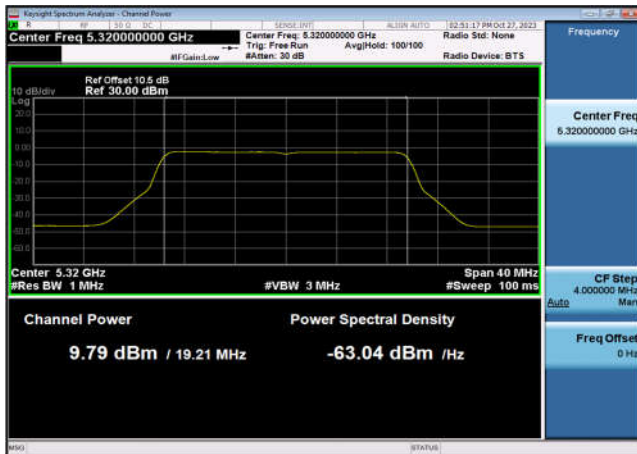
U-NII-2a Output Power-802.11ax(20MHz)
,5300MHz,Ant7



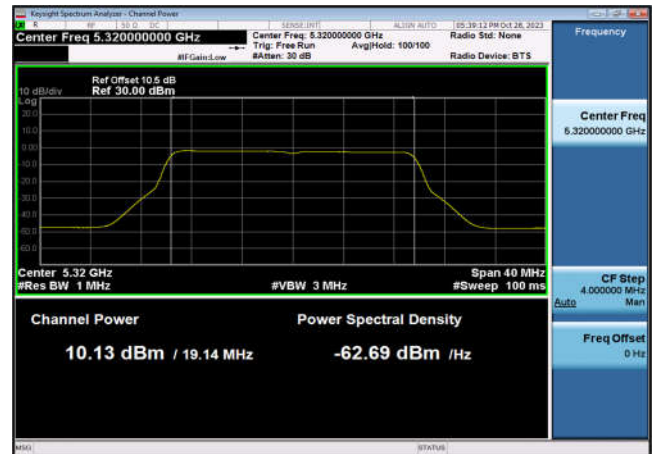
U-NII-2a Output Power-802.11ax(20MHz)
,5300MHz,Ant6



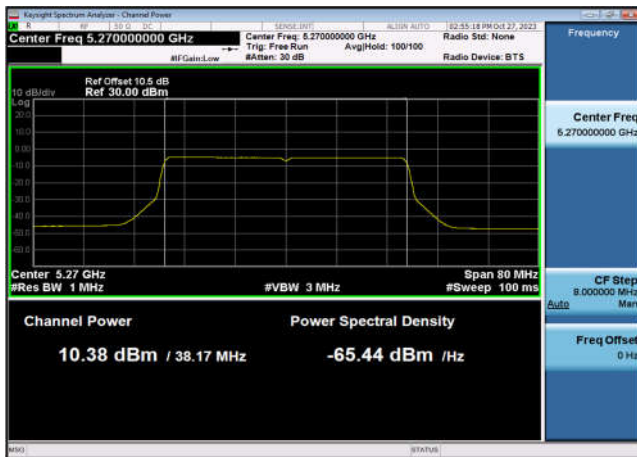
U-NII-2a Output Power-802.11ax(20MHz)
,5320MHz,Ant7



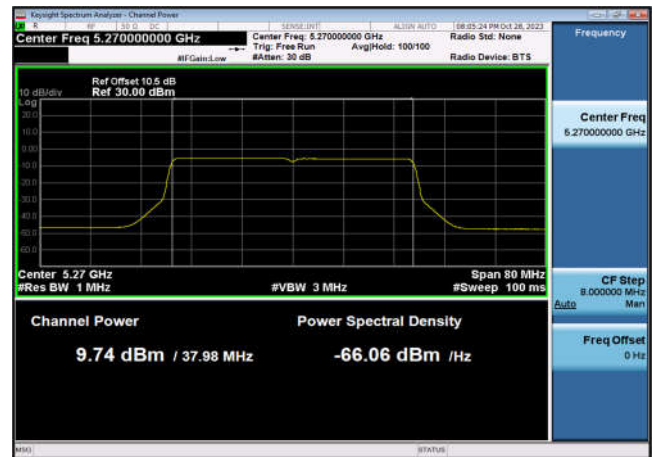
U-NII-2a Output Power-802.11ax(20MHz)
,5320MHz,Ant6



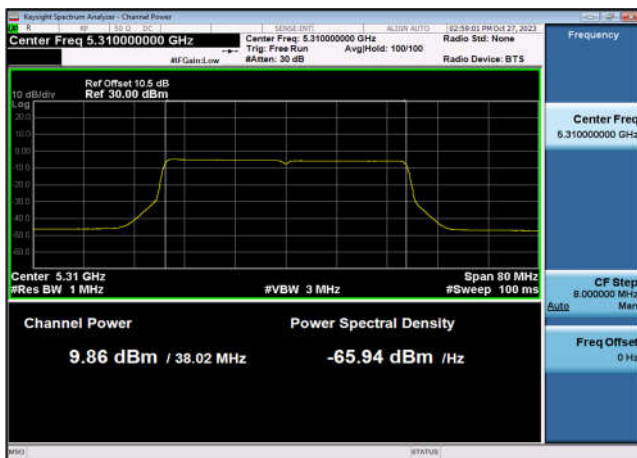
U-NII-2a Output Power-802.11ax(40MHz)
,5270MHz,Ant7



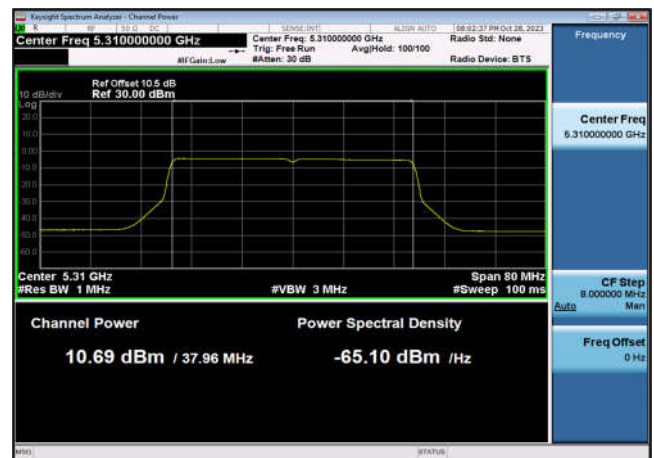
U-NII-2a Output Power-802.11ax(40MHz)
,5270MHz,Ant6



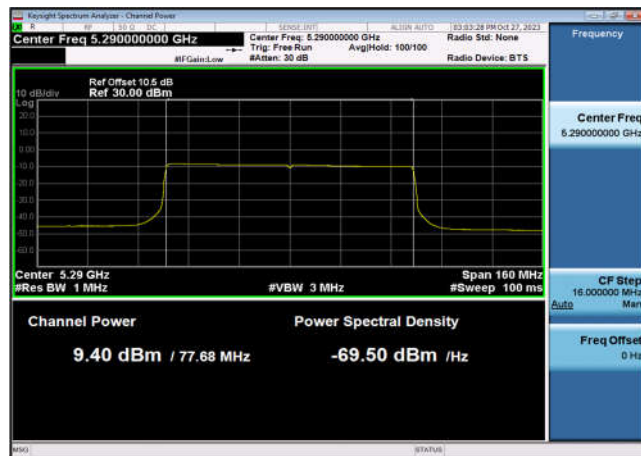
U-NII-2a Output Power-802.11ax(40MHz)
,5310MHz,Ant7



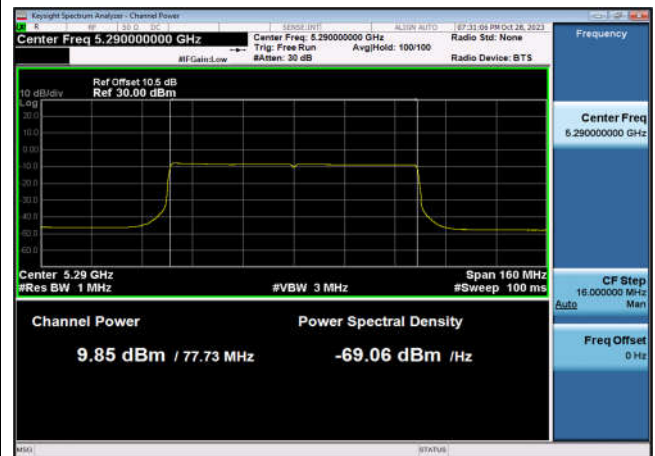
U-NII-2a Output Power-802.11ax(40MHz)
,5310MHz,Ant6

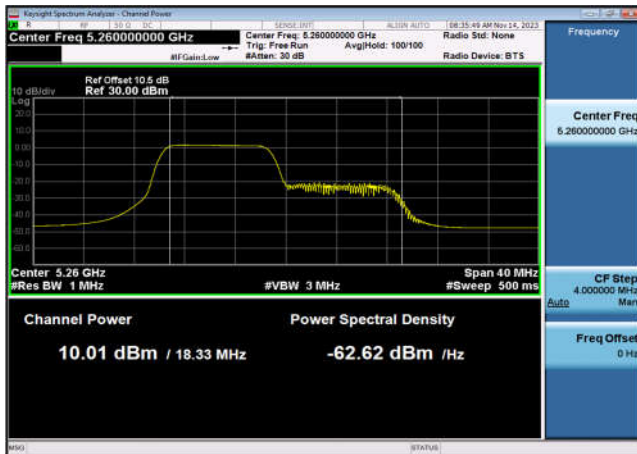
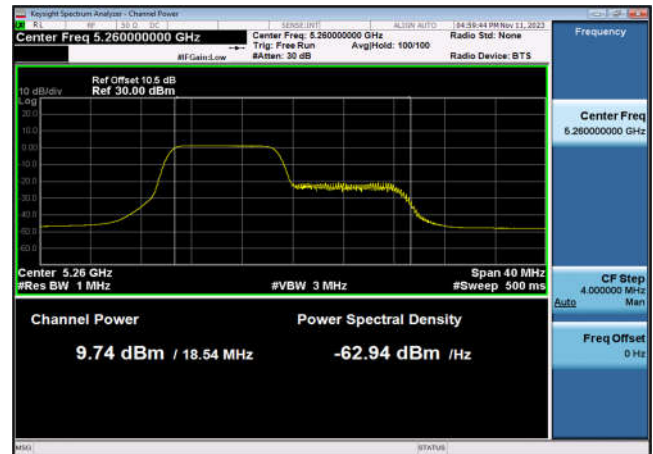
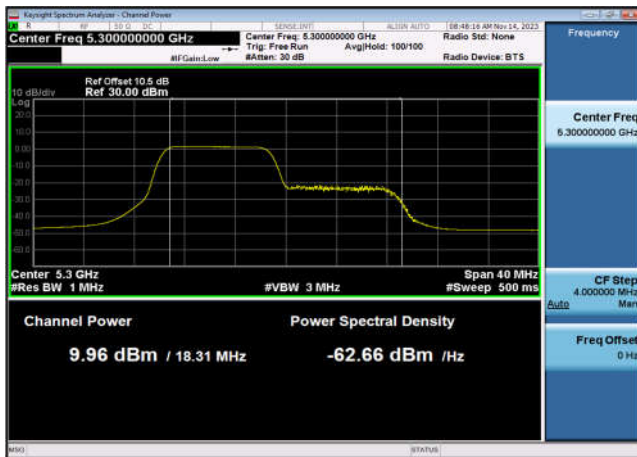
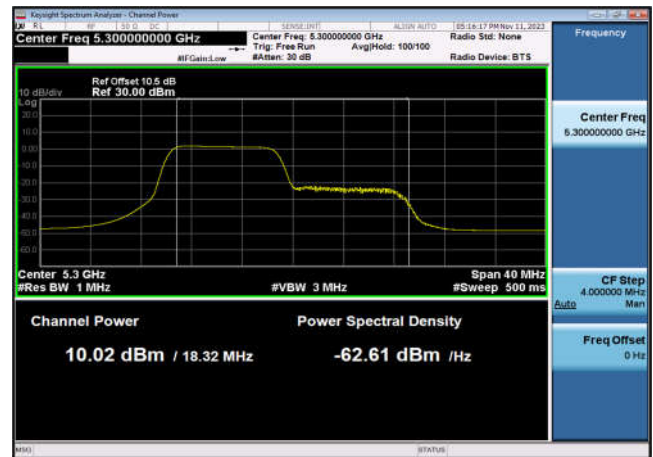
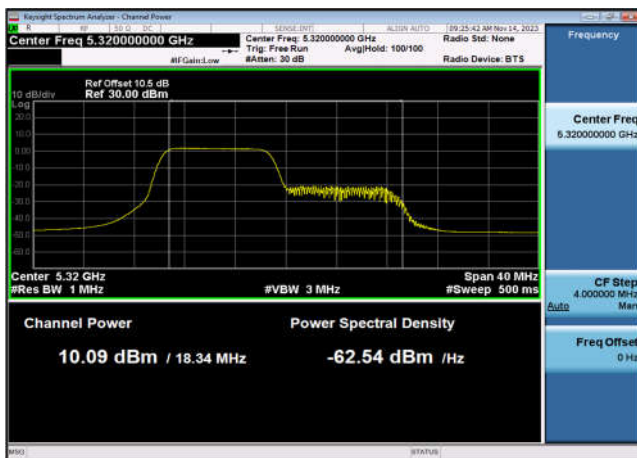
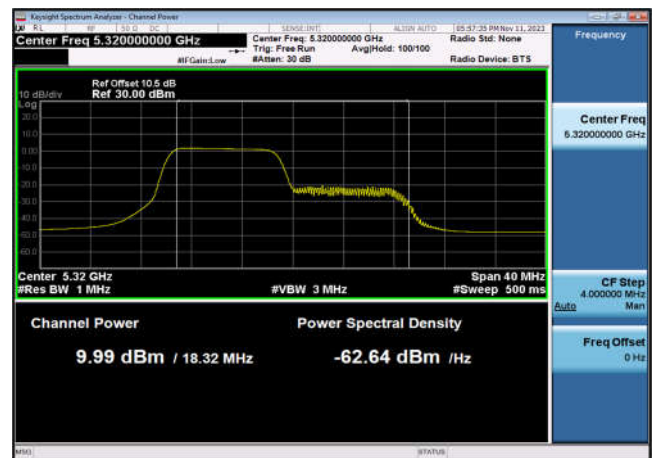


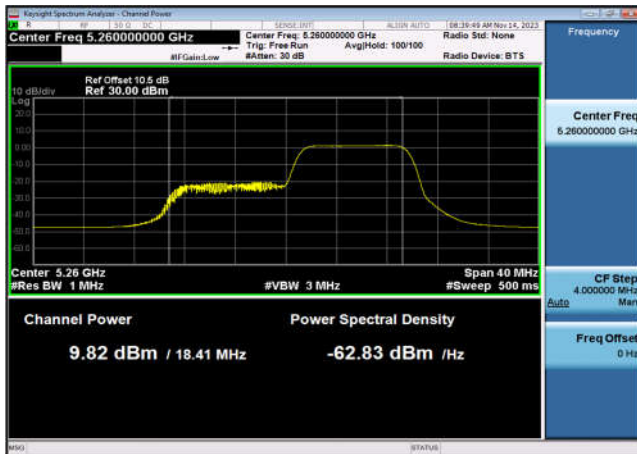
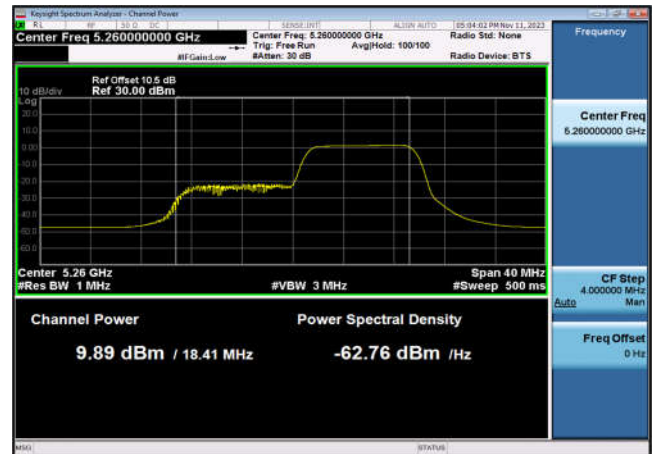
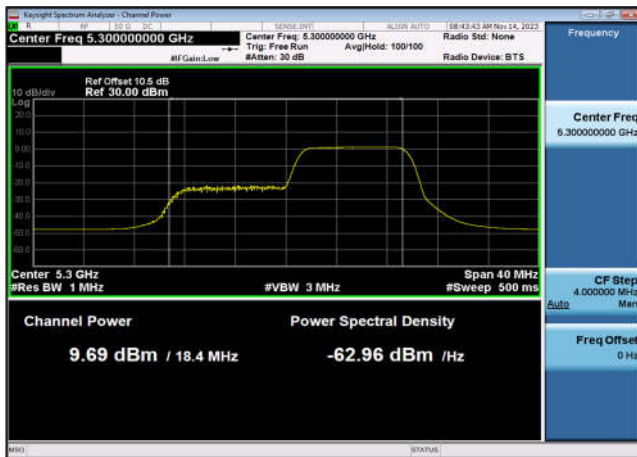
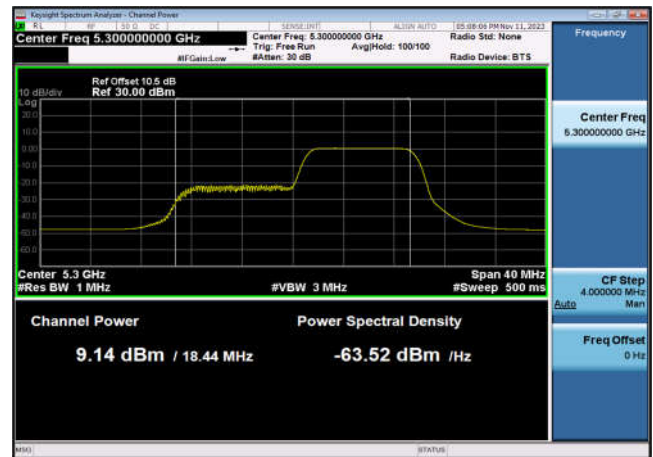
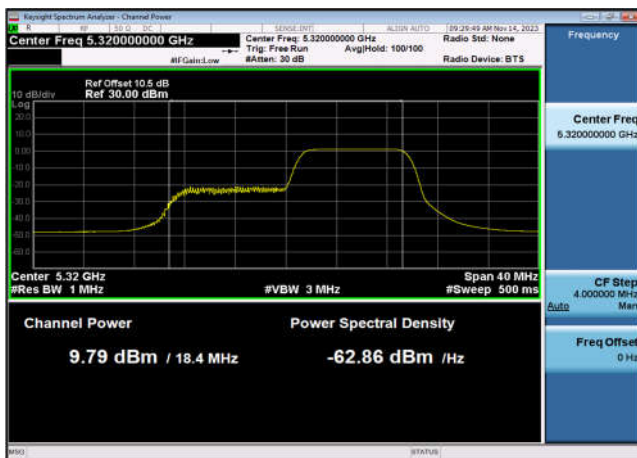
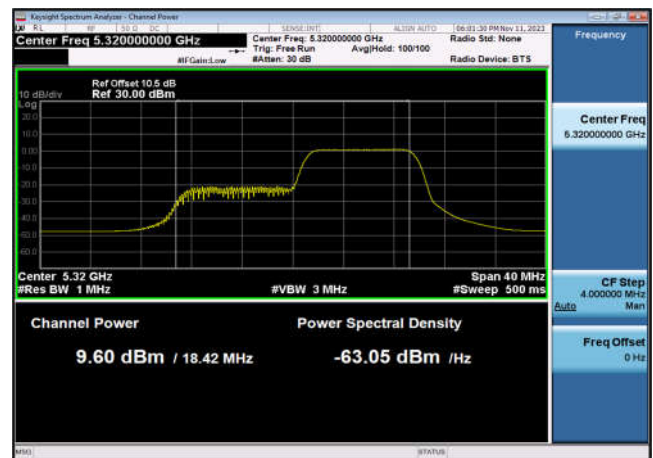
U-NII-2a Output Power-802.11ax(80MHz) ,5290MHz,Ant7



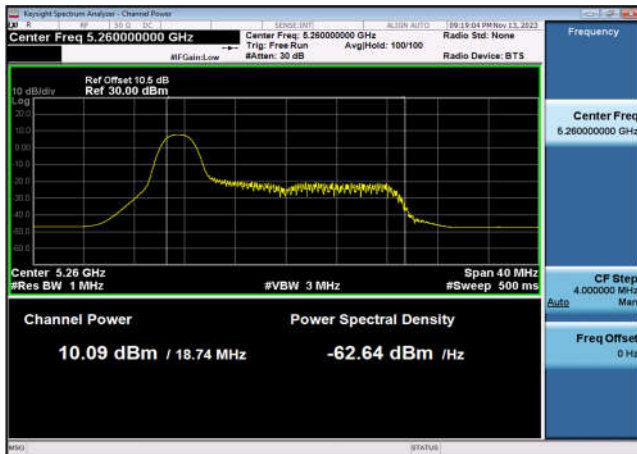
U-NII-2a Output Power-802.11ax(80MHz) ,5290MHz,Ant6



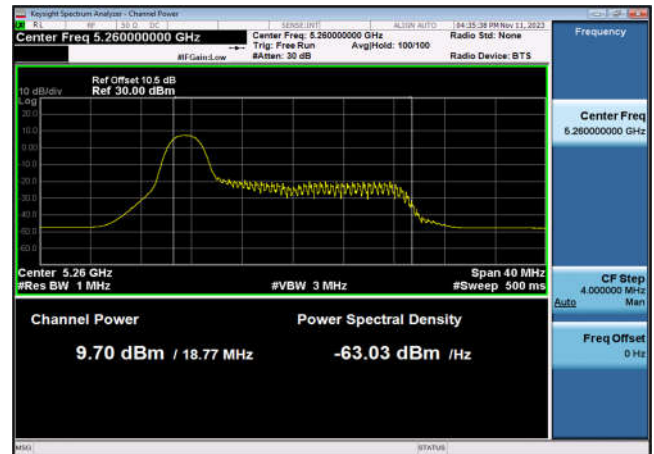
U-NII-2a Output Power-802.11ax(20MHz
_RU106_1),5260MHz,Ant7

U-NII-2a Output Power-802.11ax(20MHz
_RU106_1),5260MHz,Ant6

U-NII-2a Output Power-802.11ax(20MHz
_RU106_1),5300MHz,Ant7

U-NII-2a Output Power-802.11ax(20MHz
_RU106_1),5300MHz,Ant6

U-NII-2a Output Power-802.11ax(20MHz
_RU106_1),5320MHz,Ant7

U-NII-2a Output Power-802.11ax(20MHz
_RU106_1),5320MHz,Ant6


U-NII-2a Output Power-802.11ax(20MHz
_RU106_2),5260MHz,Ant7

U-NII-2a Output Power-802.11ax(20MHz
_RU106_2),5260MHz,Ant6

U-NII-2a Output Power-802.11ax(20MHz
_RU106_2),5300MHz,Ant7

U-NII-2a Output Power-802.11ax(20MHz
_RU106_2),5300MHz,Ant6

U-NII-2a Output Power-802.11ax(20MHz
_RU106_2),5320MHz,Ant7

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_RU106_2),5320MHz,Ant6


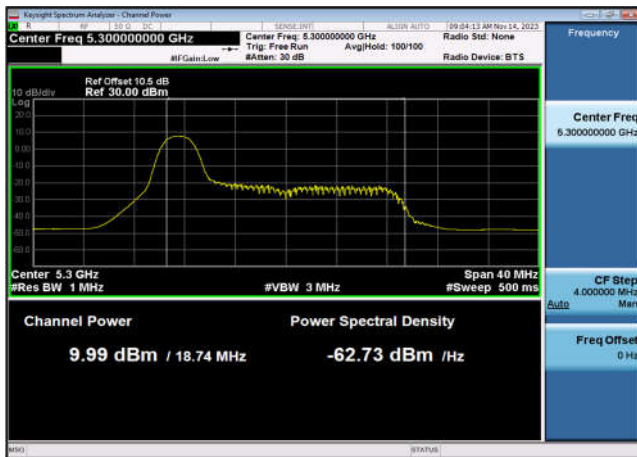
U-NII-2a Output Power-802.11ax(20MHz
_RU26_1),5260MHz,Ant7



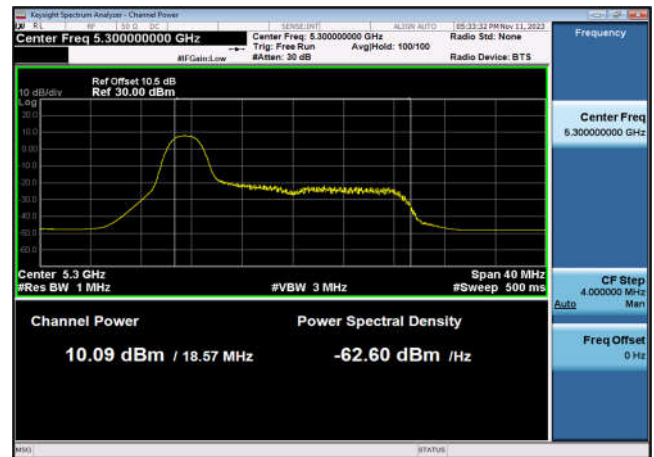
U-NII-2a Output Power-802.11ax(20MHz
_RU26_1),5260MHz,Ant6



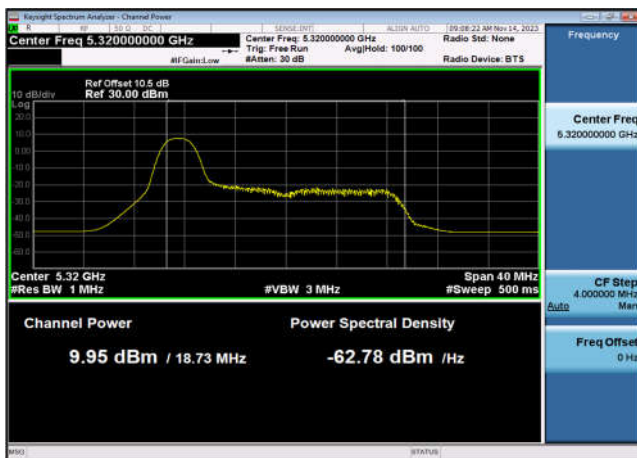
U-NII-2a Output Power-802.11ax(20MHz
_RU26_1),5300MHz,Ant7



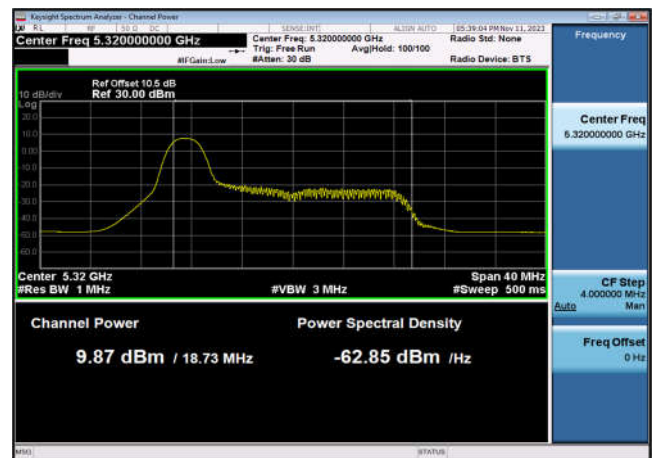
U-NII-2a Output Power-802.11ax(20MHz
_RU26_1),5300MHz,Ant6



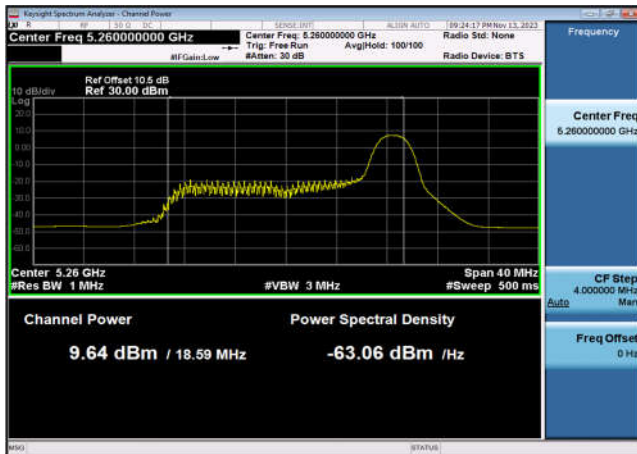
U-NII-2a Output Power-802.11ax(20MHz
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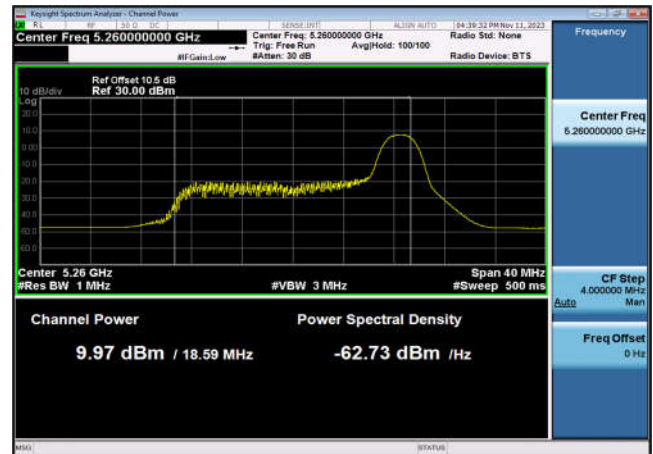
U-NII-2a Output Power-802.11ax(20MHz
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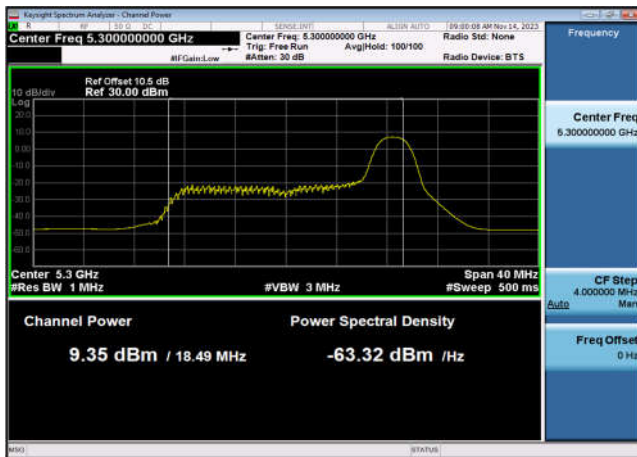
U-NII-2a Output Power-802.11ax(20MHz
_RU26_9),5260MHz,Ant7



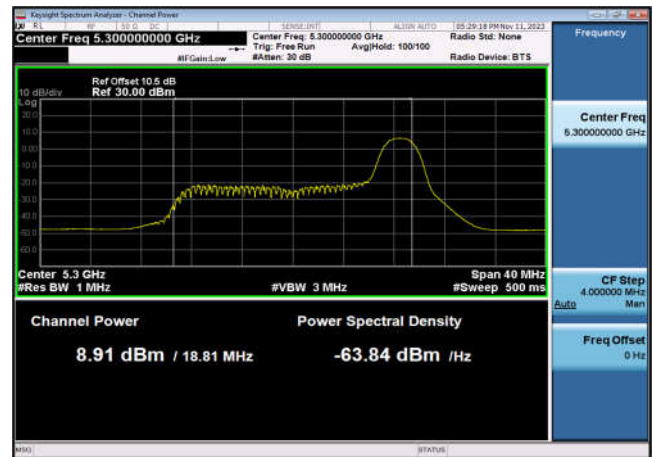
U-NII-2a Output Power-802.11ax(20MHz
_RU26_9),5260MHz,Ant6



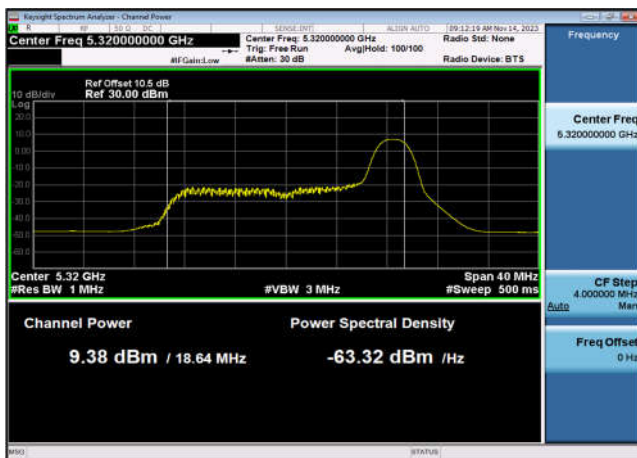
U-NII-2a Output Power-802.11ax(20MHz
_RU26_9),5300MHz,Ant7



U-NII-2a Output Power-802.11ax(20MHz
_RU26_9),5300MHz,Ant6



U-NII-2a Output Power-802.11ax(20MHz
_RU26_9),5320MHz,Ant7



U-NII-2a Output Power-802.11ax(20MHz
_RU26_9),5320MHz,Ant6

