RF TEST REPORT

Report No.: 20231017G13141X-W5

Product Name: 5G Mobile Phone

Model No.: NX769J

FCC ID: SWSCT48

Applicant: Nubia Technology Co., Ltd.

Address: Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. 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.....:	Nubia Technology Co., Ltd.
Applicant Address.....:	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Manufacturer .....:	Nubia Technology Co., Ltd.
Manufacturer Address .....:	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Test Standards .....:	47 CFR Part 15 Subpart C 15.247 ANSI C63.10-2013
Test Result.....:	Pass
Tested by .....:	Chuiwang Zhang 2023.11.22 Chuiwang Zhang, Test Engineer
Reviewed by .....:	Chris You 2023.11.22 Chris You, Senior Engineer
Approved by .....:	Yang Fan 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	WLAN2.4GHz 802.11b/g/n(HT20/HT40)/ax(HE20/HE40/Tone RU)
Frequency Range	802.11b/g/n-HT20/ax-HE20: 2.412GHz ~ 2.462GHz 802.11n-HT40/ax-HE40: 2.422GHz ~ 2.452GHz
Channel Number	802.11b/g/n-HT20/ax-HE20: 11 802.11n-HT40/ax-HE40: 7
Transfer Rate	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n : up to 300Mbps (2×2MIMO) 802.11ax : up to 573.529Mbps (2×2MIMO)
Modulation Type	DSSS (802.11b), OFDM (802.11g/n), OFDMA (802.11ax)
Antenna Type	Internal Antenna
Antenna Gain	Antenna 7: 0.7dBi Antenna 6: -0.5dBi
Power supply	Rechargeable Li-ion Polymer Battery DC (3.89*2Series)V/3100mAh

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

Note 2: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

Note 3: The antenna gain and RF adapter/cable insert loss provided by manufacture.

Note 4: 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.

1.2. 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 C	Radio Frequency Devices
2	KDB 558074 D01 15.247 Meas Guidance v05r02	Cuidance for Compliance Measurement on Digital Transmission Systems, Frequency Hopping Spread Spectrum Systems, and Hybrid System Devices Operating under Section 15.247 of the FCC Rules
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.	Section in CFR 47	Description	Result
1	15.203 15.247(c)	Antenna Requirement	PASS
2	15.247(b)(3)	Conducted Output Power	PASS
3	15.247(a)(2)	6dB and 99% Bandwidth	PASS
4	15.247(d)	Conducted Band Edges and Spurious Emission	PASS
5	15.247(e)	Power spectral density (PSD)	PASS
6	15.207	AC Power Line Conducted Emission	PASS
7	15.205 15.209 15.247(d)	Radiated Band Edges and Spurious Emission	PASS

Note 1: The tests of Conducted Emission and Radiated Emission were performed according to the method of measurements prescribed in ANSI C63.10-2013.

Note 2: These RF tests were performed according to the method of measurements prescribed in KDB 558074 D01 15.247 Meas Guidance v05r02.

1.3. Channel List

For 2.4G WLAN, use Channel 1~ Channel 11.

Channel No.	Frequency	Channel No.	Frequency	Channel No.	Frequency
1	2412MHz	5	2432MHz	9	2452MHz
2	2417MHz	6	2437MHz	10	2457MHz
3	2422MHz	7	2442MHz	11	2462MHz
4	2427MHz	8	2447MHz		

Note: Channel 1, 6 & 11 selected for 802.11b/g/n-HT20/ax-HE20 as Lowest, Middle and Highest channel. Channel 3, 6 & 9 selected for 802.11n-HT40/ax-HE40 as Lowest, Middle and Highest Channel.

1.4. 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

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

Test Items	Test Mode	Data Rate	Test Channel
Conducted Output Power Power Spectral Density 6dB and 99% Bandwidth Conducted Spurious Emission Radiated Spurious Emission	802.11b/DSSS	1 Mbps	1/6/11
	802.11g/OFDM	6 Mbps	1/6/11
	802.11n-HT20/OFDM	MCS 0	1/11
	802.11ax-HE20(Full BW)/OFDMA	MCS 0	1/11
	802.11ax-HE20(RU26/52/106)/OFDMA	MCS 0	1/11
	802.11n-HT40/OFDM	MCS 0	3/9
	802.11ax-HE40(Full BW)/OFDMA	MCS 0	3/9
Conducted and Radiated Band Edge	802.11b/DSSS	1 Mbps	1/11
	802.11g/OFDM	6 Mbps	1/11
	802.11n-HT20/OFDM	MCS 0	1/11
	802.11ax-HE20(Full BW)/OFDMA	MCS 0	1/11
	802.11ax-HE20(RU26/52/106)/OFDMA	MCS 0	1/11
	802.11n-HT40/OFDM	MCS 0	3/9
	802.11ax-HE40(Full BW)/OFDMA	MCS 0	3/9

Note: The EUT supports the tone RU mode of 802.11ax-HE20/HE40 and has been tested. The report only reflects the worst-case(802.11ax-HE20(RU26/52/106)) test results.

1.5. Table for Supporting Units

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

1.6. EUT Operation Test Setup

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

1.7. Laboratory Facilities

FCC-Registration No.: 406086

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

And according to FCC 47 CFR Section 15.247(c), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

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
2412-2462MHz	0.7dBi	-0.5dBi	-0.14dBi

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

1.1.1. Result: comply

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

2.2. Maximum Conducted Output Power

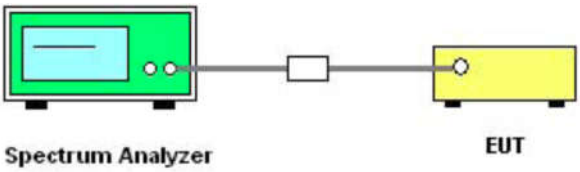
2.2.1. Limit of Maximum Conducted Output Power

For DTSs employing digital modulation techniques operating in the bands 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W.

2.2.2. Measuring Instruments

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

2.2.3. Test Setup



2.2.4. Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 Section 11.9.2.2.4.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Use the following spectrum analyzer settings:

   Set instrument center frequency to DTS channel center frequency / Set span to at least 1.5 times the OBW / RBW = 1% to 5% of the OBW, not to exceed 1 MHz. / Set VBW ≥ [3 × RBW]. / Detector: RMS / Sweep time: Auto / Trace mode: Average / Trace average at least 100 traces in power averaging (rms) mode.
5. Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function with band limits set equal to the OBW band edges.
6. Add [10 log (1 / D)], where D is the duty cycle), to the measured PSD to compute the average PSD during the actual transmission time.
7. Record the measurement results in the test report.

2.2.5. Test Result of Maximum Conducted Output Power

Please refer to Appendix A for detail.

2.3. 6dB and 99% Bandwidth

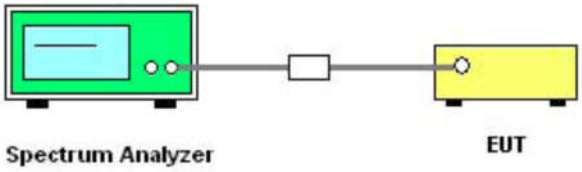
2.3.1. Limit of 6dB Bandwidth

The minimum 6 dB Occupied bandwidth shall be at least 500 kHz.

2.3.2. Measuring Instruments

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

2.3.3. Test Setup



2.3.4. Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 Section 11.8 and 6.9.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Use the spectrum analyzer “Channel Bandwidth” function to easurement the 6dB EBW and 99% OBW.
5. For 6dB EBW Use the following spectrum analyzer settings:
   RBW: 100kHz / VBW: 300kHz / Detector: Peak / Trace mode: Max hold / Sweep time: Auto couple / Allow trace to fully stabilize.
6. For 99% OBW Use the following spectrum analyzer settings:
   Set RBW = approximately 1% EBW or 1.5 times to 5.0 times the OBW, VBW ≥ 3 × RBW.
7. Record the measurement results in the test report.

2.3.5. Test Results of 6dB and 99% Bandwidth

Please refer to Appendix A for detail.

2.4. Power spectral density (PSD)

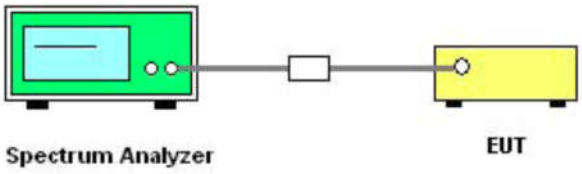
2.4.1. Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

2.4.2. Measuring Instruments

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

2.4.3. Test Setup



2.4.4. Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 Section 11.10.5.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Use the following spectrum analyzer settings:
   Set instrument center frequency to DTS channel center frequency / Set the span to 1.5 times the DTS bandwidth / RBW: 3kHz / VBW: 10kHz / Detector: RMS / Sweep time: Auto couple / Trace mode: Average / Employ trace averaging (rms) mode over a minimum of 100 traces / Use the peak marker function to determine the maximum power level.
5. Add [10 log (1 / D)], where D is the duty cycle), to the measured PSD to compute the average PSD during the actual transmission time.
6. Record the measurement results in the test report.

2.4.5. Test Results of Power Spectral Density

Please refer to Appendix A for detail.

2.5. Conducted Band Edges and Spurious Emissions

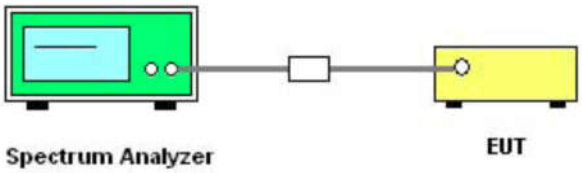
2.5.1. Limit of Conducted Band Edges and Spurious Emissions

In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is perating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that.

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 Procedure

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 Section 11.11 and 11.13.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Use the following spectrum analyzer settings:

   Reference level measurement: Set spectrum analyzer center frequency to DTS channel center frequency / Set the span to ≥1.5 times the DTS bandwidth / RBW: 100kHz / VBW: 300kHz / Detector: Peak / Sweep time: Auto couple / Trace mode: Max hold / Allow trace to fully stabilize / Use the peak marker function to determine the maximum PSD level and attenuate it by 20dB.

   Emission level measurement: Set the center frequency and span to encompass frequency range to be measured / RBW: 100kHz / VBW: 300kHz / Detector: Peak / Sweep time: Auto couple / Trace mode: Max hold / Allow trace to fully stabilize / Use the peak marker function to determine the maximum amplitude level.
5. Record the measurement results in the test report.

2.5.5. Test Results of Conducted Band Edges and Spurious Emissions

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

In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level. If the transmitter uses an RMS average conducted power limit, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the estricted bands, as defi ned in §15.205(a), must also comply with the radiated emission limits specifi ed in §15.209(a).

§15.209(a) Radiated emission limits:

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

Restricted bands of operation refer to §15.205 (a):

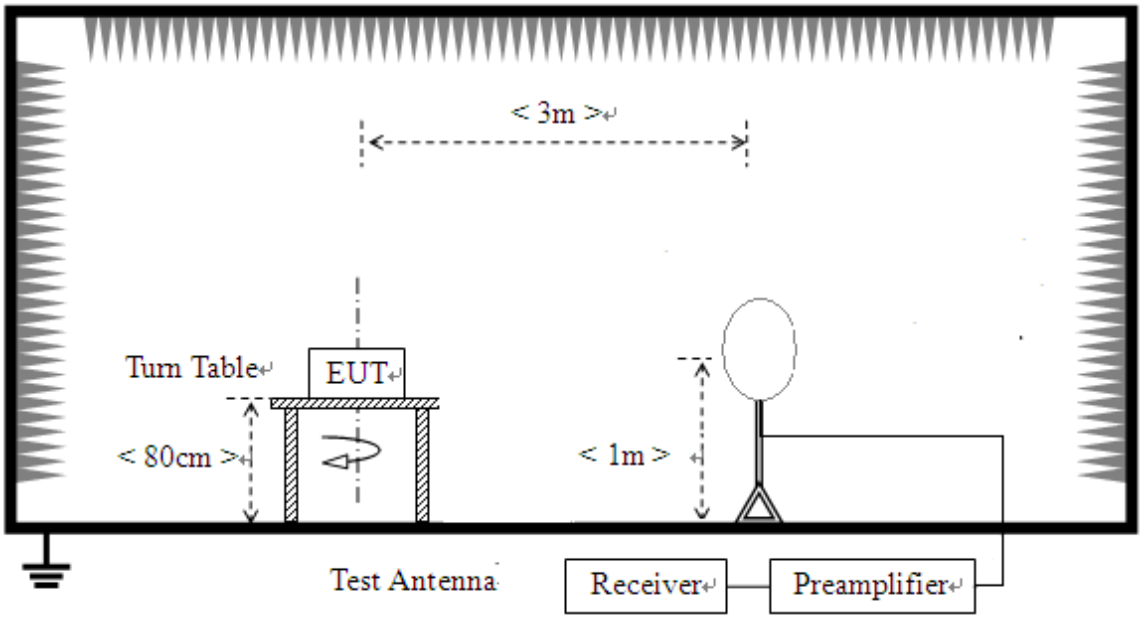
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218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

2.6.2. Measuring Instruments

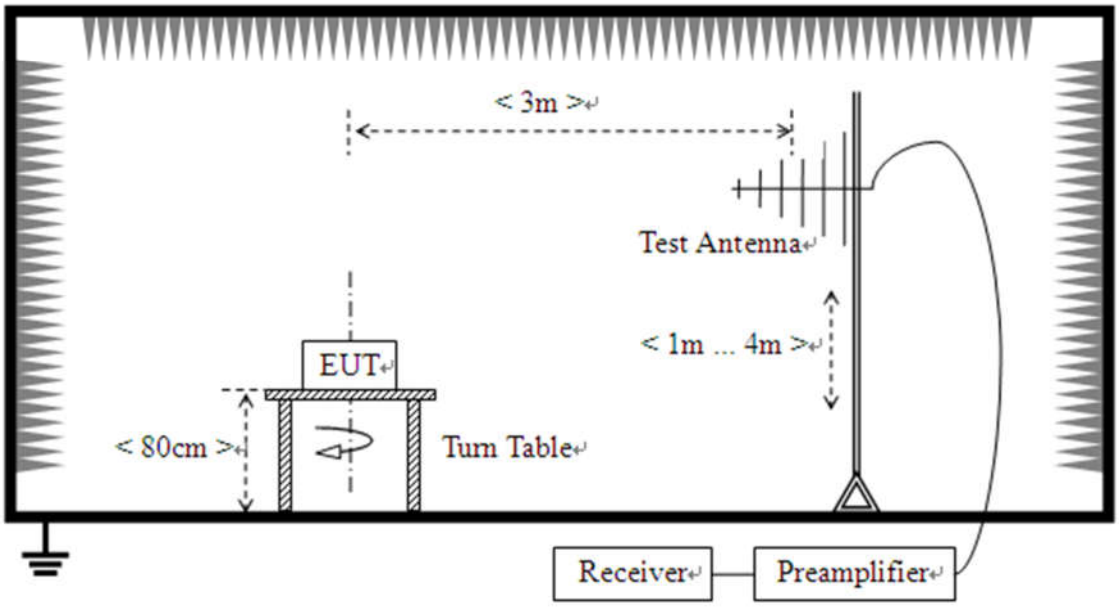
The measuring equipment is listed in the section 3 of this test report.

2.6.3. Test Setup

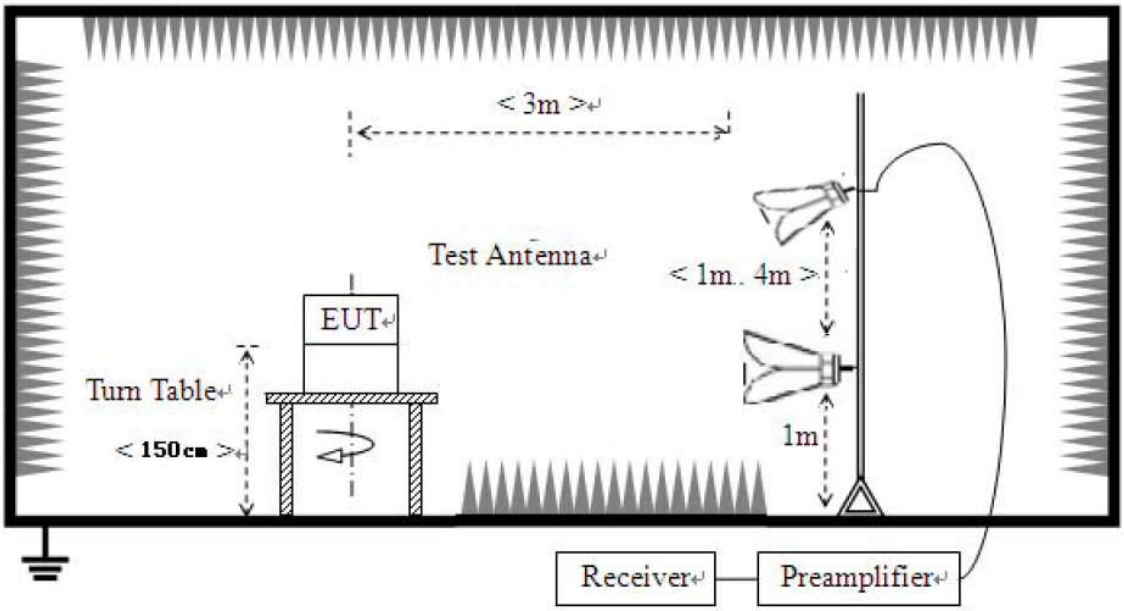
For radiated emissions from 9 kHz to 30 MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



2.6.4. Test Procedures

1. The EUT was placed on the top of a rotating table 0.8m for below 1GHz and 1.5m for above 1GHz above the ground at a 3 meters semi-anechoic chamber.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on thetop of a variable height antenna tower.
3. Height of receiving 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 Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported.Otherwise the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then

reported in a data sheet.

7. For the radiated emission test above 1GHz:

   Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T(Duty cycle < 98%) or 10Hz(Duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
4. All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

2.6.5. Test Results of Radiated Band Edge and Spurious Emission

For 9 kHz to 30MHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

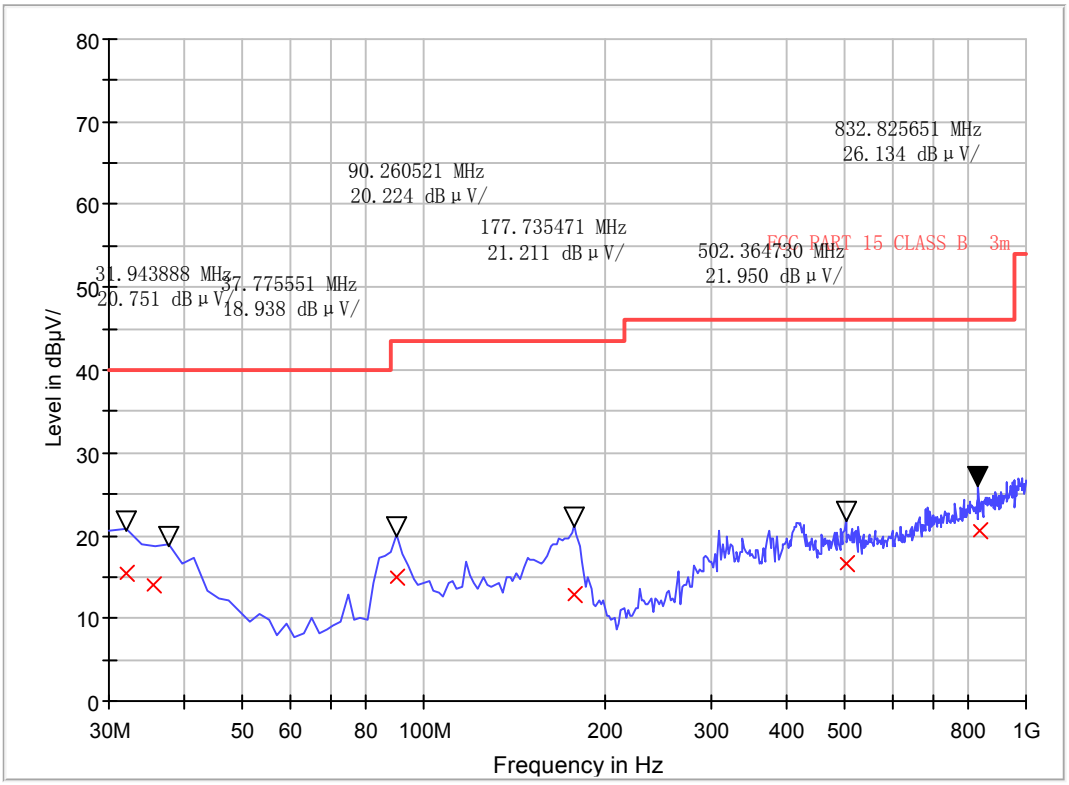
For 30MHz to 1GHz, All of the EUT Configure mode were tested and found 802.11b_2462MHz(Ant7) channel is the worst mode, the worst case is recorded in this report.

For 1GHz to 25GHz, Only worst-case data is reported.

For 30MHz to 1000MHz

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

EMI Sweep-3M(30-1G)



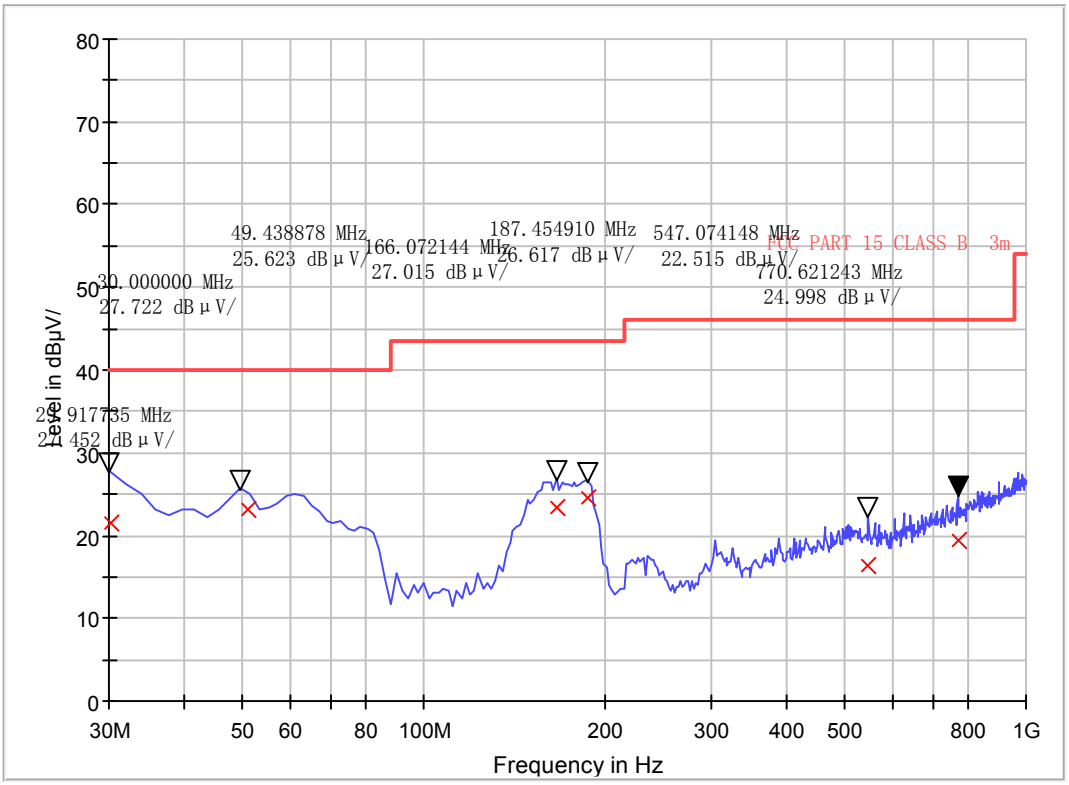
Frequency (MHz)	QuasiPeak (dB¦ÌV/m)	Bandwidth (kHz)	Height (cm)	Polarity	Corr. (dB/m)	Margin - QPK	Limit - QPK
32.080000	15.5	120.000	100.0	H	20.1	24.5	40.0
35.560000	13.9	120.000	100.0	H	18.5	26.1	40.0
90.440000	14.9	120.000	100.0	H	11.3	28.6	43.5
177.400000	12.8	120.000	100.0	H	12.0	30.7	43.5
502.400000	16.6	120.000	100.0	H	20.2	29.4	46.0
834.760000	20.5	120.000	100.0	H	23.7	25.5	46.0

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB).
3. Margin value = Limit value - Emission Level.
4. The 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) at maximum reading are recorded.

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

EMI Sweep-3M(30-1G)



Frequency (MHz)	QuasiPeak (dB¦ÌV/m)	Bandwidth (kHz)	Height (cm)	Polarity	Corr. (dB/m)	Margin - QPK	Limit - QPK
30.200000	21.4	120.000	100.0	V	21.0	18.6	40.0
51.000000	23.1	120.000	100.0	V	9.9	16.9	40.0
166.160000	23.4	120.000	100.0	V	12.9	20.1	43.5
186.760000	24.5	120.000	100.0	V	11.3	19.0	43.5
547.640000	16.5	120.000	100.0	V	20.3	29.5	46.0
772.800000	19.5	120.000	100.0	V	23.1	26.5	46.0

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB).
3. Margin value = Limit value - Emission Level.
4. The 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) at maximum reading are recorded.

For 1GHz to 25GHz

2.4G Wi-Fi 802.11b_2412MHz - 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
2390.00	53.50	74.00	-20.50	1.50	220	56.59	-3.09	Horizontal	Peak
2390.00	44.13	54.00	-9.87	1.50	220	47.22	-3.09	Horizontal	Average
4824.00	46.23	74.00	-27.77	1.50	220	45.06	1.17	Horizontal	Peak
4824.00	37.02	54.00	-16.98	1.50	220	35.85	1.17	Horizontal	Average
7236.00	51.61	74.00	-22.39	1.50	220	45.66	5.95	Horizontal	Peak
7236.00	41.28	54.00	-12.72	1.50	220	35.33	5.95	Horizontal	Average
2390.00	53.77	74.00	-20.23	1.60	40	56.86	-3.09	Vertical	Peak
2390.00	43.87	54.00	-10.13	1.60	40	46.96	-3.09	Vertical	Average
4824.00	46.04	74.00	-27.96	1.60	40	44.87	1.17	Vertical	Peak
4824.00	36.81	54.00	-17.19	1.60	40	35.64	1.17	Vertical	Average
7236.00	50.61	74.00	-23.39	1.60	40	44.66	5.95	Vertical	Peak
7236.00	41.52	54.00	-12.48	1.60	40	35.57	5.95	Vertical	Average
2.4G Wi-Fi 802.11b_2437MHz - 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
4874.00	46.45	74.00	-27.55	1.50	220	45.49	0.96	Horizontal	Peak
4874.00	36.85	54.00	-17.15	1.50	220	35.89	0.96	Horizontal	Average
7311.00	51.51	74.00	-22.49	1.50	220	45.97	5.54	Horizontal	Peak
7311.00	41.32	54.00	-12.68	1.50	220	35.78	5.54	Horizontal	Average
4874.00	46.37	74.00	-27.63	1.60	40	45.41	0.96	Vertical	Peak
4874.00	36.59	54.00	-17.41	1.60	40	35.63	0.96	Vertical	Average
7311.00	50.74	74.00	-23.26	1.60	40	45.20	5.54	Vertical	Peak
7311.00	41.62	54.00	-12.38	1.60	40	36.08	5.54	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.Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

2.4G Wi-Fi 802.11b_2462MHz - 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
2483.50	54.37	74.00	-19.63	1.50	220	59.12	-4.75	Horizontal	Peak
2483.50	44.49	54.00	-9.51	1.50	220	49.24	-4.75	Horizontal	Average
4924.00	46.44	74.00	-27.56	1.50	220	45.84	0.60	Horizontal	Peak
4924.00	36.09	54.00	-17.91	1.50	220	35.49	0.60	Horizontal	Average
7386.00	50.92	74.00	-23.08	1.50	220	44.99	5.93	Horizontal	Peak
7386.00	40.84	54.00	-13.16	1.50	220	34.91	5.93	Horizontal	Average
2483.50	54.11	74.00	-19.89	1.60	40	58.86	-4.75	Vertical	Peak
2483.50	44.43	54.00	-9.57	1.60	40	49.18	-4.75	Vertical	Average
4924.00	47.63	74.00	-26.37	1.60	40	47.03	0.60	Vertical	Peak
4924.00	36.28	54.00	-17.72	1.60	40	35.68	0.60	Vertical	Average
7386.00	50.70	74.00	-23.30	1.60	40	44.77	5.93	Vertical	Peak
7386.00	41.69	54.00	-12.31	1.60	40	35.76	5.93	Vertical	Average
2.4G Wi-Fi 802.11b_2437MHz - Ant6									
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
4874.00	46.20	74.00	-27.80	1.50	220	45.24	0.96	Horizontal	Peak
4874.00	37.17	54.00	-16.83	1.50	220	36.21	0.96	Horizontal	Average
7311.00	51.13	74.00	-22.87	1.50	220	45.59	5.54	Horizontal	Peak
7311.00	41.02	54.00	-12.98	1.50	220	35.48	5.54	Horizontal	Average
4874.00	45.82	74.00	-28.18	1.60	40	44.86	0.96	Vertical	Peak
4874.00	36.09	54.00	-17.91	1.60	40	35.13	0.96	Vertical	Average
7311.00	50.91	74.00	-23.09	1.60	40	45.37	5.54	Vertical	Peak
7311.00	41.22	54.00	-12.78	1.60	40	35.68	5.54	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.Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

2.4G Wi-Fi 802.11g_2437MHz - 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
4874.00	46.36	74.00	-27.64	1.50	220	45.40	0.96	Horizontal	Peak
4874.00	37.12	54.00	-16.88	1.50	220	36.16	0.96	Horizontal	Average
7311.00	51.40	74.00	-22.60	1.50	220	45.86	5.54	Horizontal	Peak
7311.00	41.12	54.00	-12.88	1.50	220	35.58	5.54	Horizontal	Average
4874.00	45.94	74.00	-28.06	1.60	40	44.98	0.96	Vertical	Peak
4874.00	36.10	54.00	-17.90	1.60	40	35.14	0.96	Vertical	Average
7311.00	50.69	74.00	-23.31	1.60	40	45.15	5.54	Vertical	Peak
7311.00	41.29	54.00	-12.71	1.60	40	35.75	5.54	Vertical	Average
2.4G Wi-Fi 802.11g_2437MHz - Ant6									
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
4874.00	46.27	74.00	-27.73	1.50	220	45.31	0.96	Horizontal	Peak
4874.00	37.24	54.00	-16.76	1.50	220	36.28	0.96	Horizontal	Average
7311.00	51.52	74.00	-22.48	1.50	220	45.98	5.54	Horizontal	Peak
7311.00	40.88	54.00	-13.12	1.50	220	35.34	5.54	Horizontal	Average
4874.00	45.32	74.00	-28.68	1.60	40	44.36	0.96	Vertical	Peak
4874.00	36.56	54.00	-17.44	1.60	40	35.60	0.96	Vertical	Average
7311.00	50.45	74.00	-23.55	1.60	40	44.91	5.54	Vertical	Peak
7311.00	40.77	54.00	-13.23	1.60	40	35.23	5.54	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.Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

2.4G Wi-Fi 802.11n-HT20_2437MHz - 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
4874.00	46.05	74.00	-27.95	1.50	220	45.09	0.96	Horizontal	Peak
4874.00	37.39	54.00	-16.61	1.50	220	36.43	0.96	Horizontal	Average
7311.00	51.57	74.00	-22.43	1.50	220	46.03	5.54	Horizontal	Peak
7311.00	41.06	54.00	-12.94	1.50	220	35.52	5.54	Horizontal	Average
4874.00	45.62	74.00	-28.38	1.60	40	44.66	0.96	Vertical	Peak
4874.00	35.62	54.00	-18.38	1.60	40	34.66	0.96	Vertical	Average
7311.00	51.15	74.00	-22.85	1.60	40	45.61	5.54	Vertical	Peak
7311.00	40.85	54.00	-13.15	1.60	40	35.31	5.54	Vertical	Average
2.4G Wi-Fi 802.11ax-HE20_2437MHz - 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
4874.00	45.86	74.00	-28.14	1.50	220	44.90	0.96	Horizontal	Peak
4874.00	38.16	54.00	-15.84	1.50	220	37.20	0.96	Horizontal	Average
7311.00	51.96	74.00	-22.04	1.50	220	46.42	5.54	Horizontal	Peak
7311.00	41.39	54.00	-12.61	1.50	220	35.85	5.54	Horizontal	Average
4874.00	45.60	74.00	-28.40	1.60	40	44.64	0.96	Vertical	Peak
4874.00	35.74	54.00	-18.26	1.60	40	34.78	0.96	Vertical	Average
7311.00	51.40	74.00	-22.60	1.60	40	45.86	5.54	Vertical	Peak
7311.00	40.86	54.00	-13.14	1.60	40	35.32	5.54	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.Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

2.4G Wi-Fi 802.11ax-HE40_2422MHz - 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
2390.00	53.60	74.00	-20.40	1.50	220	56.69	-3.09	Horizontal	Peak
2390.00	43.61	54.00	-10.39	1.50	220	46.70	-3.09	Horizontal	Average
4844.00	45.94	74.00	-28.06	1.50	220	44.86	1.08	Horizontal	Peak
4844.00	37.80	54.00	-16.20	1.50	220	36.72	1.08	Horizontal	Average
7266.00	52.71	74.00	-21.29	1.50	220	46.99	5.72	Horizontal	Peak
7266.00	41.57	54.00	-12.43	1.50	220	35.85	5.72	Horizontal	Average
2390.00	52.67	74.00	-21.33	1.60	40	55.76	-3.09	Vertical	Peak
2390.00	44.50	54.00	-9.50	1.60	40	47.59	-3.09	Vertical	Average
4844.00	46.75	74.00	-27.25	1.60	40	45.67	1.08	Vertical	Peak
4844.00	37.28	54.00	-16.72	1.60	40	36.20	1.08	Vertical	Average
7266.00	50.50	74.00	-23.50	1.60	40	44.78	5.72	Vertical	Peak
7266.00	41.98	54.00	-12.02	1.60	40	36.26	5.72	Vertical	Average
2.4G Wi-Fi 802.11ax-HE40_2437MHz - 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
4874.00	45.93	74.00	-28.07	1.50	220	44.97	0.96	Horizontal	Peak
4874.00	38.31	54.00	-15.69	1.50	220	37.35	0.96	Horizontal	Average
7311.00	51.74	74.00	-22.26	1.50	220	46.20	5.54	Horizontal	Peak
7311.00	41.84	54.00	-12.16	1.50	220	36.30	5.54	Horizontal	Average
4874.00	45.91	74.00	-28.09	1.60	40	44.95	0.96	Vertical	Peak
4874.00	36.10	54.00	-17.90	1.60	40	35.14	0.96	Vertical	Average
7311.00	51.87	74.00	-22.13	1.60	40	46.33	5.54	Vertical	Peak
7311.00	40.99	54.00	-13.01	1.60	40	35.45	5.54	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.Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

2.4G Wi-Fi 802.11ax-HE40_2452MHz - 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
2483.50	55.03	74.00	-18.97	1.50	220	59.78	-4.75	Horizontal	Peak
2483.50	45.10	54.00	-8.90	1.50	220	49.85	-4.75	Horizontal	Average
4904.00	46.73	74.00	-27.27	1.50	220	45.92	0.81	Horizontal	Peak
4904.00	35.71	54.00	-18.29	1.50	220	34.90	0.81	Horizontal	Average
7356.00	50.73	74.00	-23.27	1.50	220	44.95	5.78	Horizontal	Peak
7356.00	41.76	54.00	-12.24	1.50	220	35.98	5.78	Horizontal	Average
2483.50	54.43	74.00	-19.57	1.60	40	59.18	-4.75	Vertical	Peak
2483.50	44.95	54.00	-9.05	1.60	40	49.70	-4.75	Vertical	Average
4904.00	48.14	74.00	-25.86	1.60	40	47.33	0.81	Vertical	Peak
4904.00	36.76	54.00	-17.24	1.60	40	35.95	0.81	Vertical	Average
7356.00	51.55	74.00	-22.45	1.60	40	45.77	5.78	Vertical	Peak
7356.00	42.24	54.00	-11.76	1.60	40	36.46	5.78	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.

2.4G Wi-Fi 802.11ax-HE20(RU_26/1)_2412MHz - 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
2390.00	53.69	74.00	-20.31	1.50	220	56.78	-3.09	Horizontal	Peak
2390.00	44.42	54.00	-9.58	1.50	220	47.51	-3.09	Horizontal	Average
4824.00	45.81	74.00	-28.19	1.50	220	44.64	1.17	Horizontal	Peak
4824.00	37.85	54.00	-16.15	1.50	220	36.68	1.17	Horizontal	Average
7236.00	52.65	74.00	-21.35	1.50	220	46.70	5.95	Horizontal	Peak
7236.00	41.72	54.00	-12.28	1.50	220	35.77	5.95	Horizontal	Average
2390.00	52.63	74.00	-21.37	1.60	40	55.72	-3.09	Vertical	Peak
2390.00	45.05	54.00	-8.95	1.60	40	48.14	-3.09	Vertical	Average
4824.00	45.87	74.00	-28.13	1.60	40	44.70	1.17	Vertical	Peak
4824.00	36.38	54.00	-17.62	1.60	40	35.21	1.17	Vertical	Average
7236.00	50.63	74.00	-23.37	1.60	40	44.68	5.95	Vertical	Peak
7236.00	41.28	54.00	-12.72	1.60	40	35.33	5.95	Vertical	Average
2.4G Wi-Fi 802.11ax-HE20(RU_26/1)_2437MHz - 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
4874.00	46.05	74.00	-27.95	1.50	220	45.09	0.96	Horizontal	Peak
4874.00	38.07	54.00	-15.93	1.50	220	37.11	0.96	Horizontal	Average
7311.00	51.47	74.00	-22.53	1.50	220	45.93	5.54	Horizontal	Peak
7311.00	41.11	54.00	-12.89	1.50	220	35.57	5.54	Horizontal	Average
4874.00	45.22	74.00	-28.78	1.60	40	44.26	0.96	Vertical	Peak
4874.00	35.74	54.00	-18.26	1.60	40	34.78	0.96	Vertical	Average
7311.00	51.20	74.00	-22.80	1.60	40	45.66	5.54	Vertical	Peak
7311.00	40.74	54.00	-13.26	1.60	40	35.20	5.54	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.Tnly the antenna height (from 1m to 4m) and turntable angle (from 0 degrees to 360 degrees) at maximum reading are recorded.

2.4G Wi-Fi 802.11ax-HE20(RU_26/1)_2462MHz - 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
2483.50	54.60	74.00	-19.40	1.50	220	59.35	-4.75	Horizontal	Peak
2483.50	45.42	54.00	-8.58	1.50	220	50.17	-4.75	Horizontal	Average
4924.00	46.13	74.00	-27.87	1.50	220	45.53	0.60	Horizontal	Peak
4924.00	36.11	54.00	-17.89	1.50	220	35.51	0.60	Horizontal	Average
7386.00	50.80	74.00	-23.20	1.50	220	44.87	5.93	Horizontal	Peak
7386.00	41.59	54.00	-12.41	1.50	220	35.66	5.93	Horizontal	Average
2483.50	54.50	74.00	-19.50	1.60	40	59.25	-4.75	Vertical	Peak
2483.50	45.50	54.00	-8.50	1.60	40	50.25	-4.75	Vertical	Average
4924.00	48.10	74.00	-25.90	1.60	40	47.50	0.60	Vertical	Peak
4924.00	36.81	54.00	-17.19	1.60	40	36.21	0.60	Vertical	Average
7386.00	51.53	74.00	-22.47	1.60	40	45.60	5.93	Vertical	Peak
7386.00	41.55	54.00	-12.45	1.60	40	35.62	5.93	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.

2.7. AC Power Line Conducted Emission

2.7.1. Limit of AC Power Line Conducted Emission

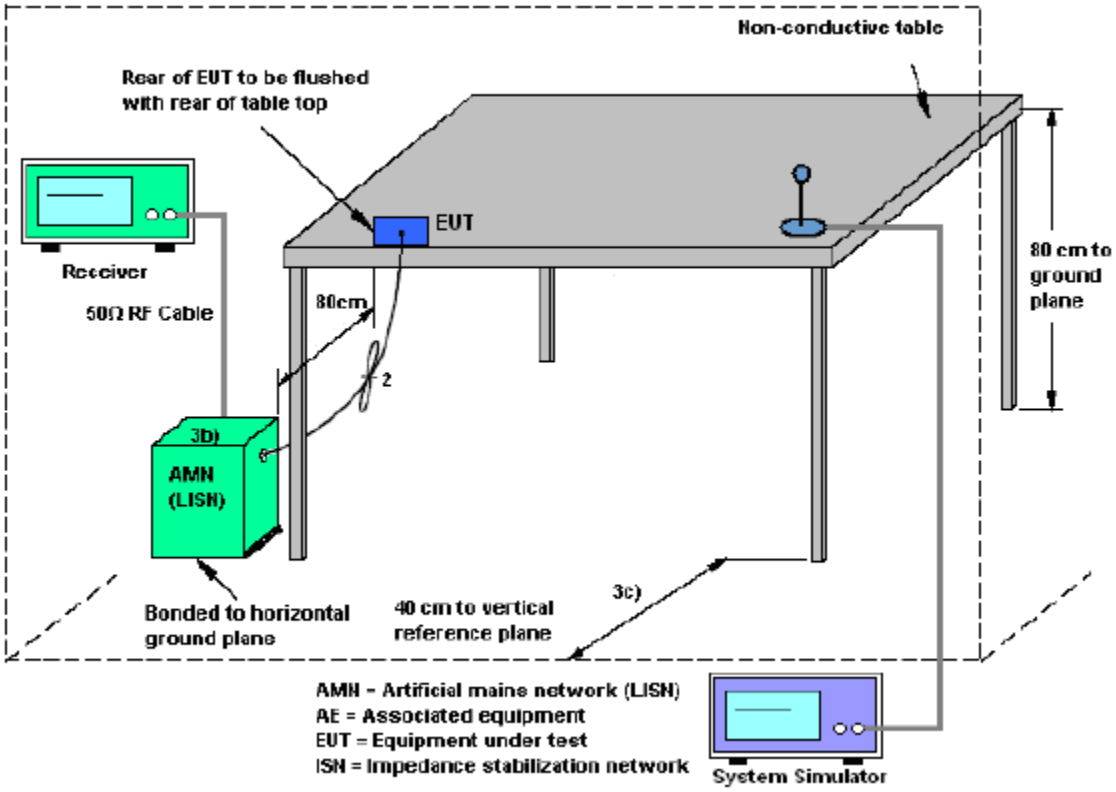
For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

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

2.7.2. Measuring Instruments

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

2.7.3. Test Setup



2.7.4. Test Procedures

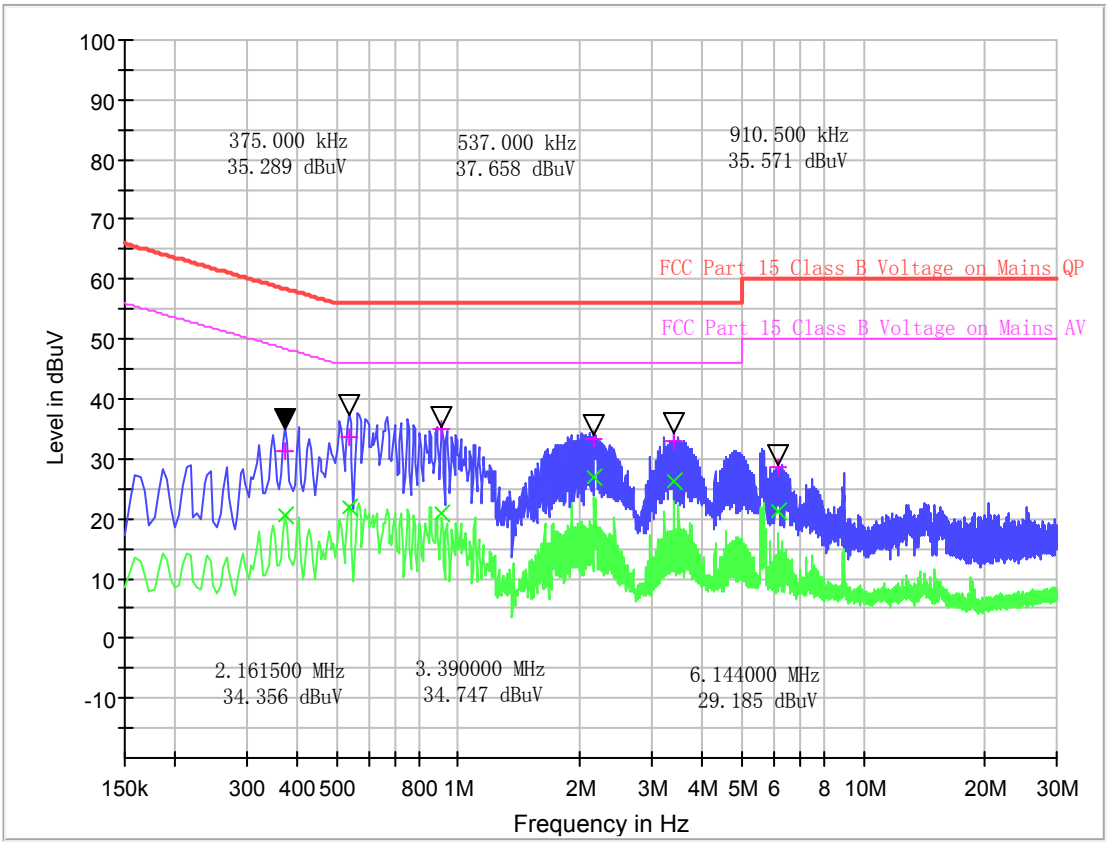
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.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

2.7.5. Test Results of Conducted Emission

The EUT configuration of the emission tests is 2.4G WIFI Link + Charging from Adapter.

All of the EUT Configure mode were tested and found 802.11b_2462MHz(Ant7) channel is the worst mode, the worst case is recorded in this report.

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

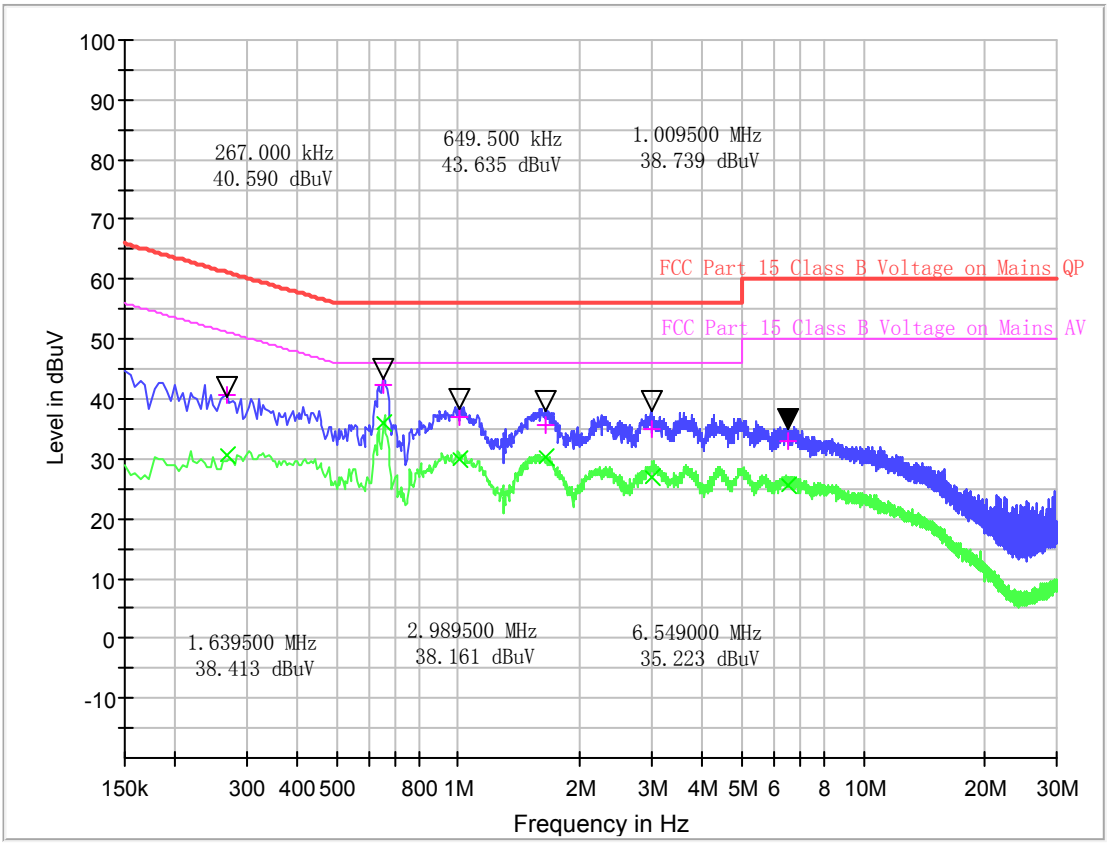


Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Corr.Factor (dB)	Margin - QPK	Limit - QPK (dBμV)	Margin - AV (dB)	Limit - AV (dBμV)
0.375000	31.30	20.57	10.5	27.09	58.4	27.82	48.4
0.537000	33.68	21.96	10.4	22.32	56.0	24.04	46.0
0.910500	35.08	20.89	10.4	20.92	56.0	25.11	46.0
2.161500	33.13	26.94	10.4	22.87	56.0	19.06	46.0
3.390000	33.06	26.34	10.3	22.94	56.0	19.66	46.0
6.144000	28.51	21.21	10.4	31.49	60.0	28.79	50.0

Test Result : Pass

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

Test site:	Shield ROOM 2	Environment:	Temp: 23℃; Humi:53%;101kPa
Operator:	ZHANG QIANYU	Test Date:	2023.10.12
Test Mode:	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)
0.267000	40.65	30.58	10.6	20.56	61.2	20.63	51.2
0.649500	42.23	36.00	10.5	13.77	56.0	10.00	46.0
1.009500	36.96	30.03	10.5	19.04	56.0	15.97	46.0
1.639500	35.67	30.34	10.5	20.33	56.0	15.66	46.0
2.989500	34.95	27.09	10.5	21.05	56.0	18.91	46.0
6.549000	32.86	25.43	10.5	27.14	60.0	24.57	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	Power Meter	R&S	NRP-Z31	A141001975	2023.03.17	2024.03.16
2	5M Anechoic Chamber	Albatross	SAC-5MAC 12.8x6.8x6.4m	A0304210	2022.06.09	2026.06.08
3	Loop Antenna	Schwarz beck	HFH2-Z2	A0304220	2022.05.02	2025.05.01
4	EMI Test Receiver	ROHDE&SCHWARZ	ESW26	A180502935	2023.06.08	2024.06.07
5	Broadband antenna (30MHz~1GHz)	R&S	HL562	A0304224	2023.06.08	2024.06.07
6	EMI Horn Ant. (1-18G)	ETC	1209	A150402241	2021.01.02	2024.01.01
7	Horn antenna (18GHz~26.5GHz)	AR	AT4510	A0804450	2023.06.01	2024.05.31
8	Amplifier 30M~1GHz	MILMEGA	80RF1000-10004	A140101634	2022.12.13	2023.12.12
9	Amplifier 1G~18GHz	MILMEGA	AS0104R-800/400	A160302517	2022.12.13	2023.12.12
10	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2023.02.20	2024.02.19
11	Test Receiver	R&S	ESIB7	A0501375	2023.03.16	2024.03.15
12	Broadband Ant.	2786	ETC	A150402240	2021.09.16	2024.03.03
13	3M Anechoic Chamber	Albatross	SAC-3MAC 9*6*6m	A0412375	2019.03.26	2024.03.25
14	Temperature chamber	ESPEC	SU-642	A150802409	2023.03.18	2024.03.17
15	Test Receiver	KEYSIGHT	N9038A	A141202036	2023.06.12	2024.06.11
16	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2023.06.08	2024.06.07

4. Uncertainty of Evaluation

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix A

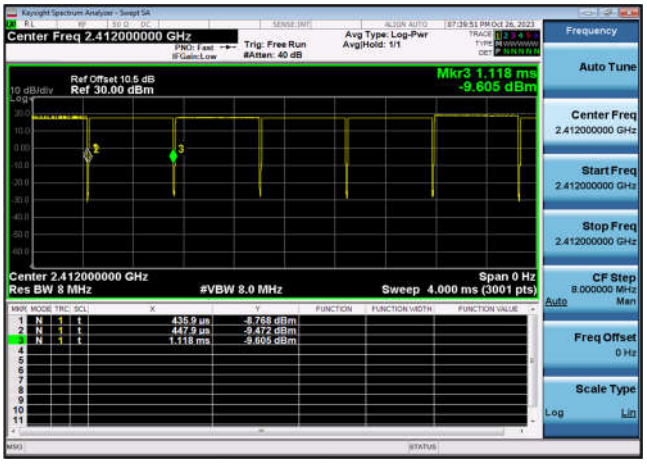
Duty Cycle

Test Result and Data

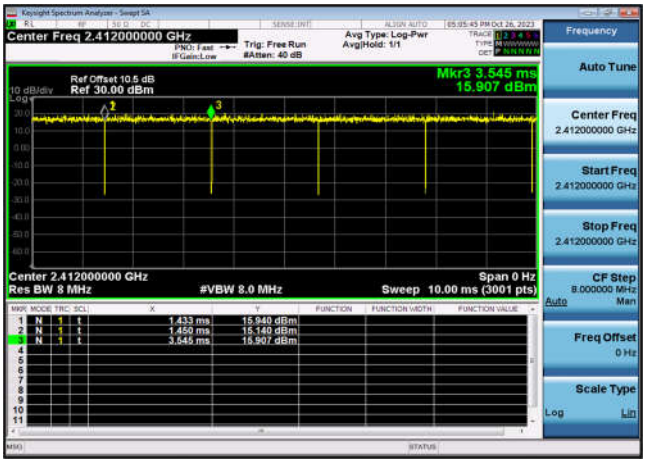
WLAN Duty Cycle				
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	Duty Cycle Factor (dB)
802.11b	2412	Ant7	98.24	0.08
802.11g	2412	Ant7	99.21	0.03
802.11n (HT20)	2412	Ant7	99.63	0.02
802.11n (HT40)	2422	Ant7	99.63	0.02
802.11ax (HE20)	2412	Ant7	99.63	0.02
802.11ax (HE40)	2422	Ant7	99.63	0.02
802.11ax (HE20_RU106_1)	2412	Ant7	96.23	0.17
802.11ax (HE20_RU26_1)	2412	Ant7	95.37	0.21
802.11ax (HE20_RU52_1)	2412	Ant7	95.36	0.21

Note: Duty cycle 2TX is the same as 1TX.

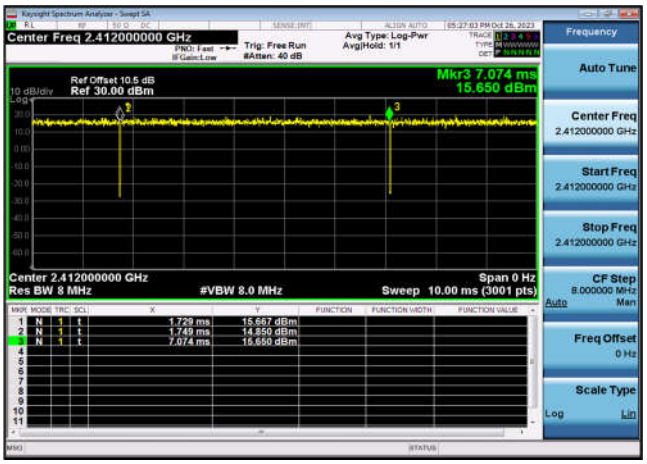
DutyCycle-802.11b,2412MHz,Ant7



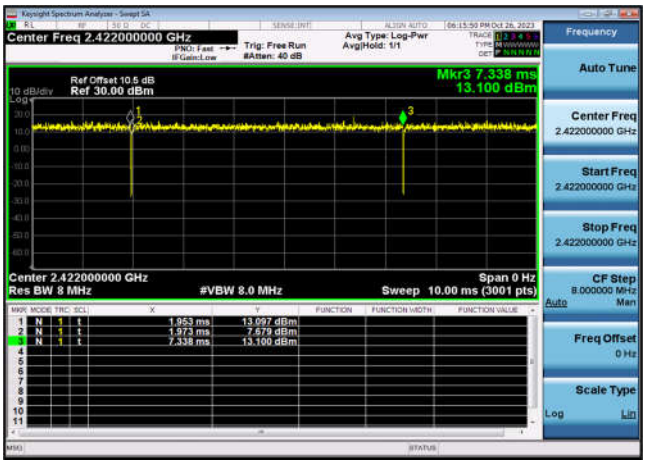
DutyCycle-802.11g,2412MHz,Ant7



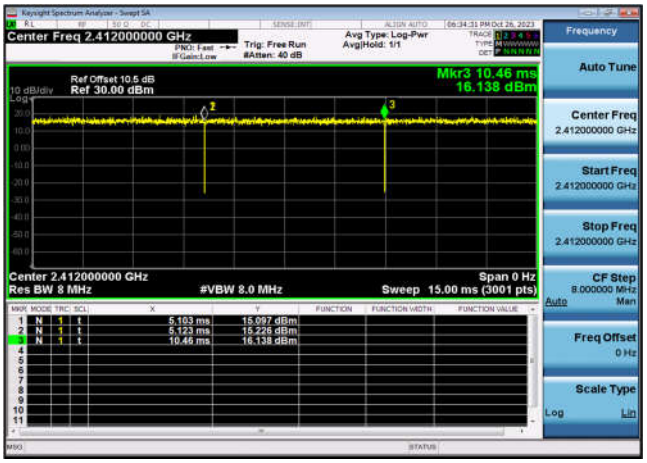
DutyCycle-802.11n(HT20),2412MHz ,Ant7



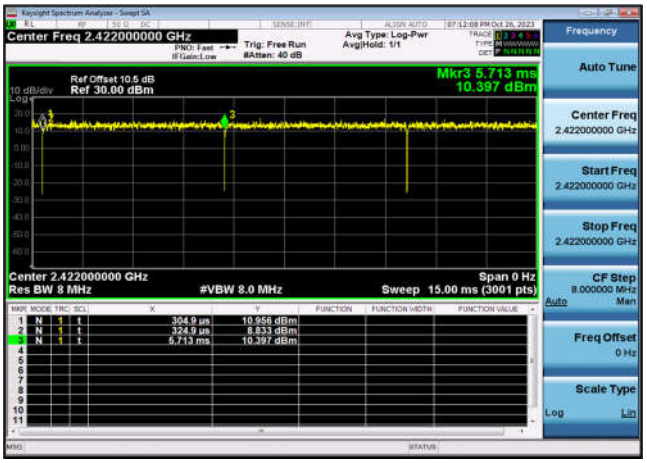
DutyCycle-802.11n(HT40),2422MHz ,Ant7

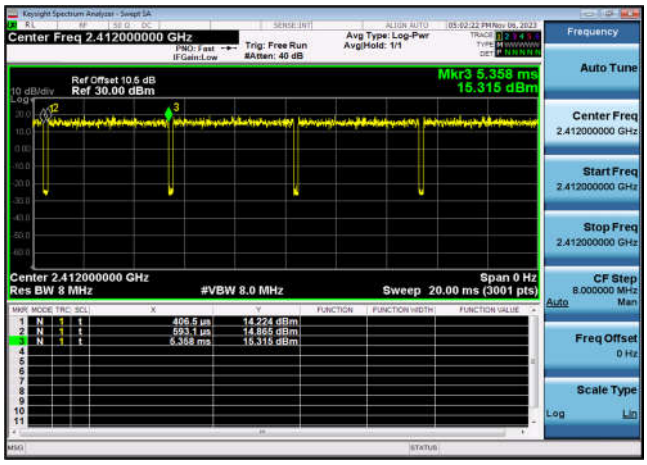
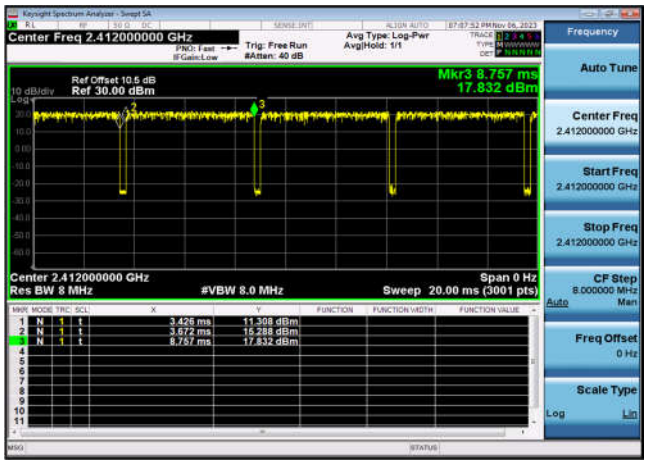
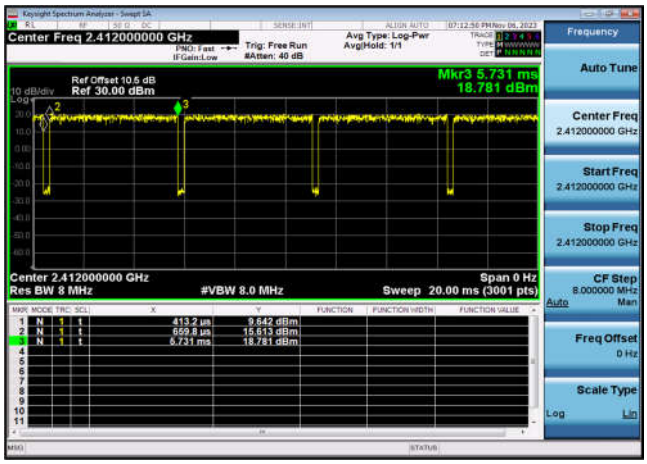


DutyCycle-802.11ax(HE20),2412MHz ,Ant7



DutyCycle-802.11ax(HE40),2422MHz ,Ant7



DutyCycle-802.11ax(HE20_RU106_1) ,2412MHz,Ant7	DutyCycle-802.11ax(HE20_RU26_1) ,2412MHz,Ant7
	
DutyCycle-802.11ax(HE20_RU52_1) ,2412MHz,Ant7	
	

RF Output Power

Test Result and Data

WLAN AVGSA Output Power - SISO					
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Limit (dBm)	Result
802.11b	2412	Ant7	15.41	30	Pass
802.11b	2412	Ant6	14.10	30	Pass
802.11b	2437	Ant7	15.64	30	Pass
802.11b	2437	Ant6	14.78	30	Pass
802.11b	2462	Ant7	15.67	30	Pass
802.11b	2462	Ant6	14.58	30	Pass
802.11g	2412	Ant7	14.03	30	Pass
802.11g	2412	Ant6	13.17	30	Pass
802.11g	2437	Ant7	14.30	30	Pass
802.11g	2437	Ant6	13.61	30	Pass
802.11g	2462	Ant7	14.28	30	Pass
802.11g	2462	Ant6	13.38	30	Pass

WLAN AVGSA Output Power - MIMO						
Mode	Test Frequency (MHz)	Ant	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11n (HT20)	2412	Ant7	13.03	15.64	30	Pass
802.11n (HT20)	2412	Ant6	12.18			
802.11n (HT20)	2437	Ant7	13.23	15.93	30	Pass
802.11n (HT20)	2437	Ant6	12.58			
802.11n (HT20)	2462	Ant7	13.27	15.86	30	Pass
802.11n (HT20)	2462	Ant6	12.39			
802.11n (HT40)	2422	Ant7	13.19	15.85	30	Pass
802.11n (HT40)	2422	Ant6	12.45			
802.11n (HT40)	2437	Ant7	13.38	16.10	30	Pass
802.11n (HT40)	2437	Ant6	12.78			
802.11n (HT40)	2452	Ant7	13.22	15.76	30	Pass
802.11n (HT40)	2452	Ant6	12.22			
802.11ax (HE20)	2412	Ant7	13.11	15.72	30	Pass
802.11ax (HE20)	2412	Ant6	12.26			

802.11ax (HE20)	2437	Ant7	13.36	16.05	30	Pass
802.11ax (HE20)	2437	Ant6	12.70			
802.11ax (HE20)	2462	Ant7	13.37	15.95	30	Pass
802.11ax (HE20)	2462	Ant6	12.46			
802.11ax (HE40)	2422	Ant7	13.19	15.83	30	Pass
802.11ax (HE40)	2422	Ant6	12.41			
802.11ax (HE40)	2437	Ant7	13.40	16.09	30	Pass
802.11ax (HE40)	2437	Ant6	12.74			
802.11ax (HE40)	2452	Ant7	13.24	15.76	30	Pass
802.11ax (HE40)	2452	Ant6	12.20			

Note:

1) Ant7 and Ant6 is 2*2MIMO.

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

WLAN AVGSA Output Power - MIMO(Tone RU mode)							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Power (dBm)	Total Power (dBm)	Limit (dBm)	Result
802.11ax (HE20_RU106_1)	2412	Ant7	0.17	13.30	15.73	30	Pass
802.11ax (HE20_RU106_1)	2412	Ant6	0.17	11.65			
802.11ax (HE20_RU106_1)	2437	Ant7	0.17	13.87	16.60	30	Pass
802.11ax (HE20_RU106_1)	2437	Ant6	0.17	12.92			
802.11ax (HE20_RU106_1)	2462	Ant7	0.17	13.71	16.44	30	Pass
802.11ax (HE20_RU106_1)	2462	Ant6	0.17	12.75			
802.11ax (HE20_RU106_2)	2412	Ant7	0.17	13.74	16.45	30	Pass
802.11ax (HE20_RU106_2)	2412	Ant6	0.17	12.75			
802.11ax (HE20_RU106_2)	2437	Ant7	0.17	13.77	16.50	30	Pass
802.11ax (HE20_RU106_2)	2437	Ant6	0.17	12.81			
802.11ax (HE20_RU106_2)	2462	Ant7	0.17	13.67	16.39	30	Pass
802.11ax (HE20_RU106_2)	2462	Ant6	0.17	12.69			
802.11ax (HE20_RU26_1)	2412	Ant7	0.21	13.25	15.77	30	Pass
802.11ax (HE20_RU26_1)	2412	Ant6	0.21	11.72			
802.11ax (HE20_RU26_1)	2437	Ant7	0.21	13.89	16.77	30	Pass
802.11ax (HE20_RU26_1)	2437	Ant6	0.21	13.17			
802.11ax (HE20_RU26_1)	2462	Ant7	0.21	13.82	16.45	30	Pass
802.11ax (HE20_RU26_1)	2462	Ant6	0.21	12.54			
802.11ax	2412	Ant7	0.21	13.32	16.12	30	Pass

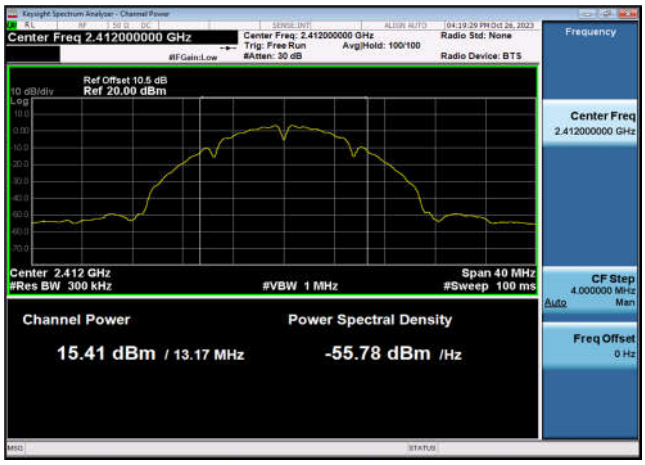
(HE20_RU26_9)							
802.11ax (HE20_RU26_9)	2412	Ant6	0.21	12.44			
802.11ax (HE20_RU26_9)	2437	Ant7	0.21	13.67	16.40	30	Pass
802.11ax (HE20_RU26_9)	2437	Ant6	0.21	12.62			
802.11ax (HE20_RU26_9)	2462	Ant7	0.21	13.47	16.11	30	Pass
802.11ax (HE20_RU26_9)	2462	Ant6	0.21	12.23			
802.11ax (HE20_RU52_1)	2412	Ant7	0.21	13.14	15.65	30	Pass
802.11ax (HE20_RU52_1)	2412	Ant6	0.21	11.57			
802.11ax (HE20_RU52_1)	2437	Ant7	0.21	13.55	16.46	30	Pass
802.11ax (HE20_RU52_1)	2437	Ant6	0.21	12.91			
802.11ax (HE20_RU52_1)	2462	Ant7	0.21	13.66	16.37	30	Pass
802.11ax (HE20_RU52_1)	2462	Ant6	0.21	12.57			
802.11ax (HE20_RU52_4)	2412	Ant7	0.21	13.67	16.27	30	Pass
802.11ax (HE20_RU52_4)	2412	Ant6	0.21	12.32			
802.11ax (HE20_RU52_4)	2437	Ant7	0.21	13.90	16.63	30	Pass
802.11ax (HE20_RU52_4)	2437	Ant6	0.21	12.86			
802.11ax (HE20_RU52_4)	2462	Ant7	0.21	13.69	16.37	30	Pass
802.11ax (HE20_RU52_4)	2462	Ant6	0.21	12.53			

Note:

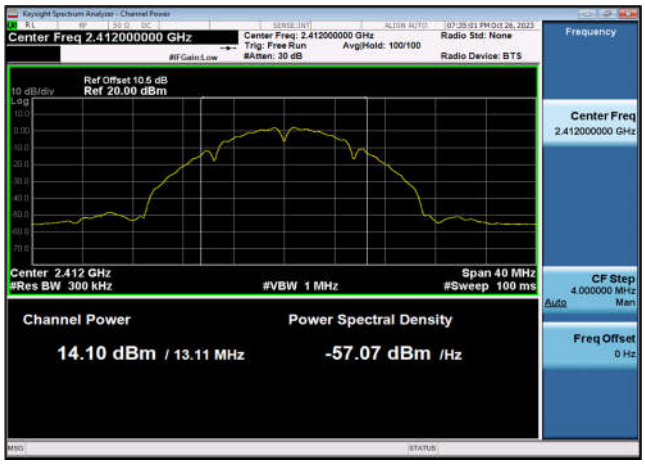
1) Ant7 and Ant6 is 2*2MIMO.

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

Output Power-802.11b,2412MHz,Ant7

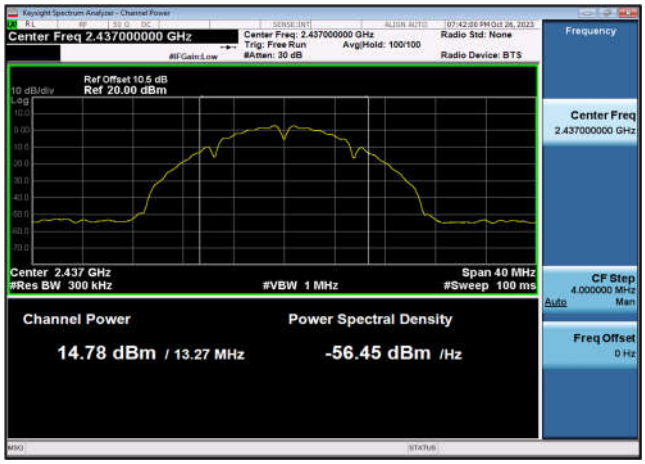


Output Power-802.11b,2412MHz,Ant6



Output Power-802.11b,2437MHz,Ant7

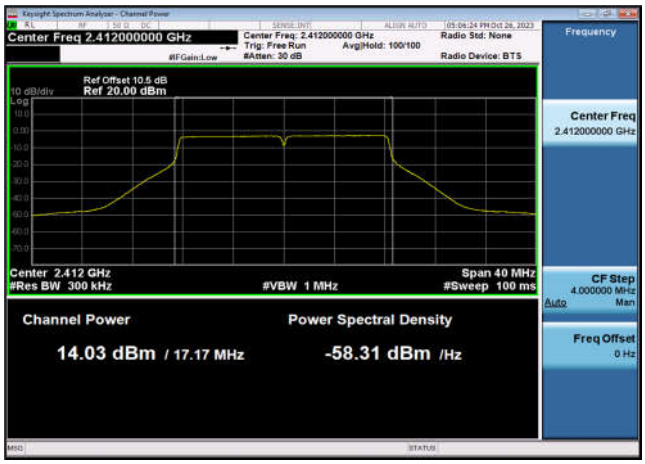
Output Power-802.11b,2437MHz,Ant6



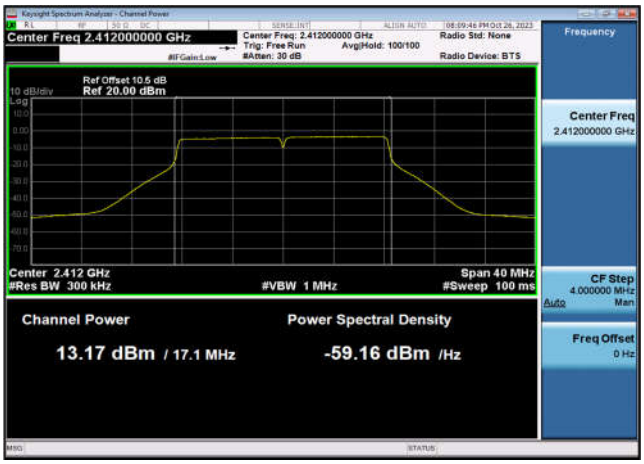
Output Power-802.11b,2462MHz,Ant7

Output Power-802.11b,2462MHz,Ant6

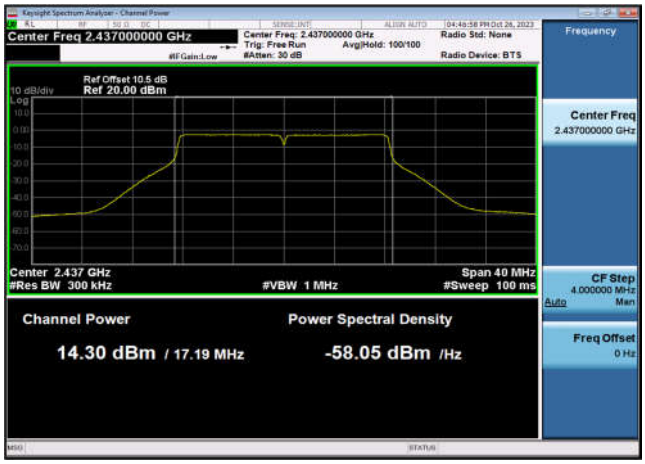
Output Power-802.11g,2412MHz,Ant7



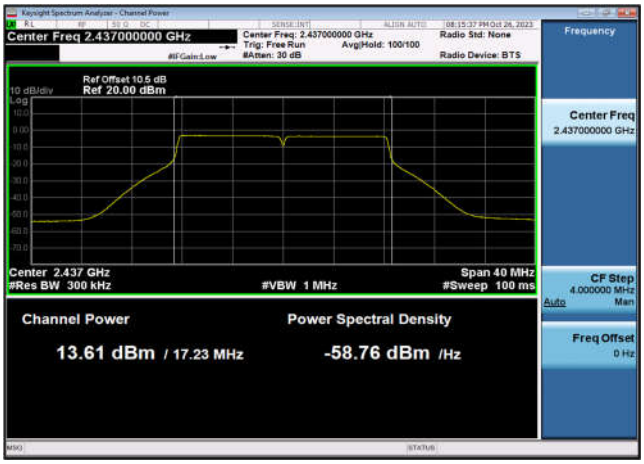
Output Power-802.11g,2412MHz,Ant6



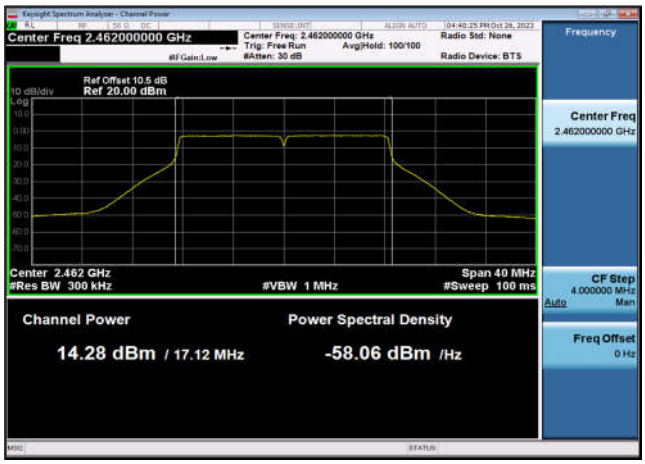
Output Power-802.11g,2437MHz,Ant7



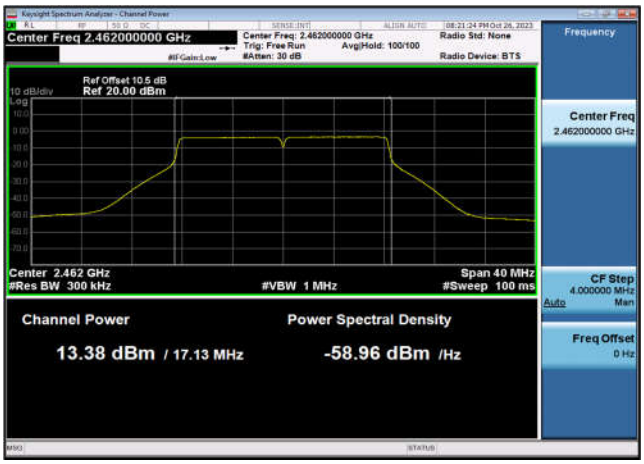
Output Power-802.11g,2437MHz,Ant6

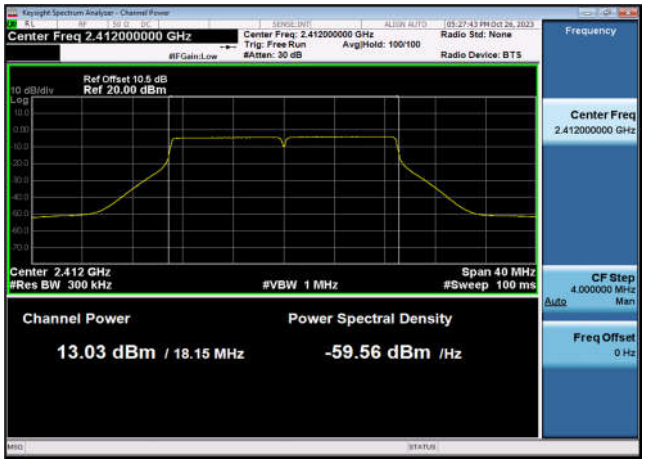
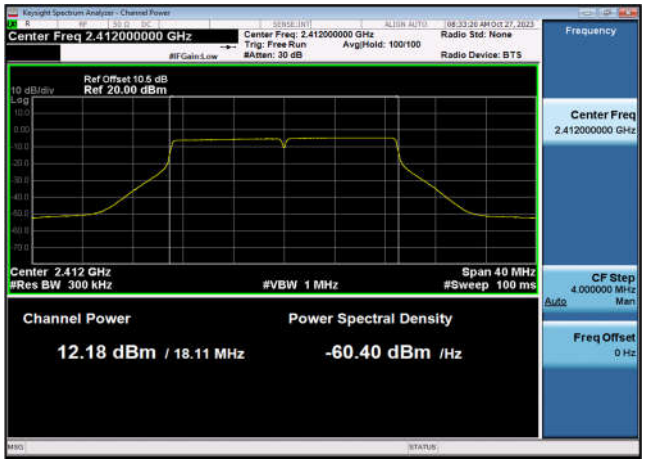
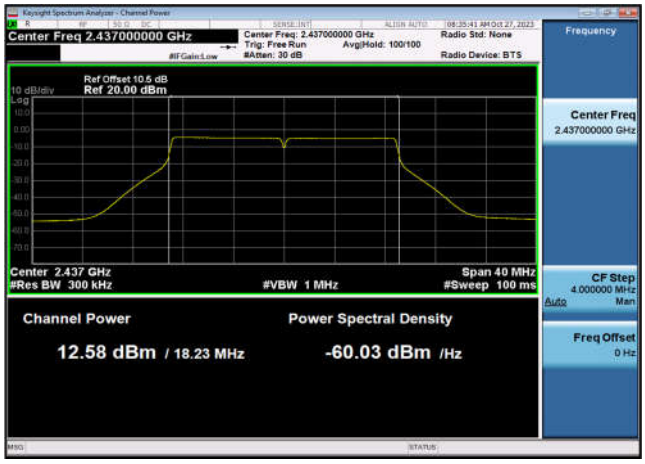
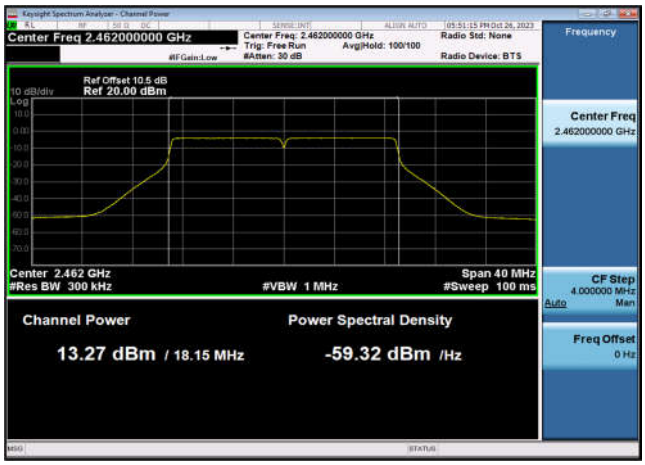
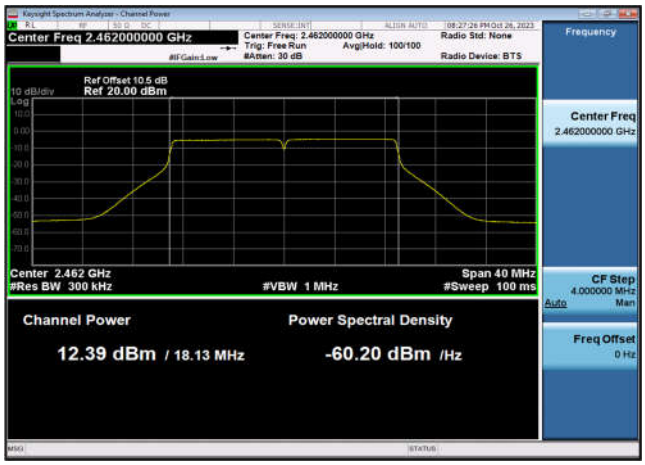


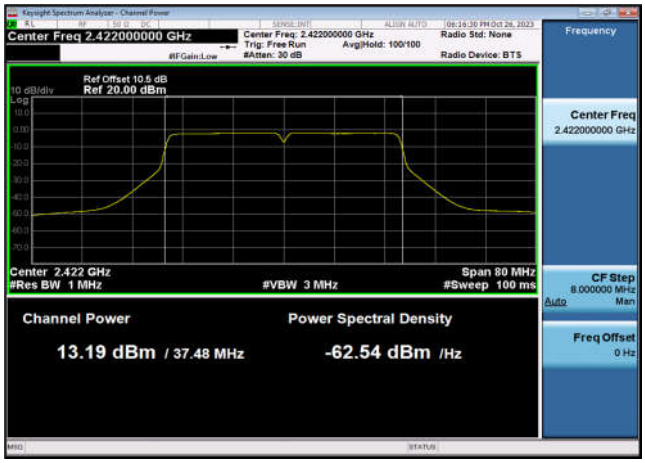
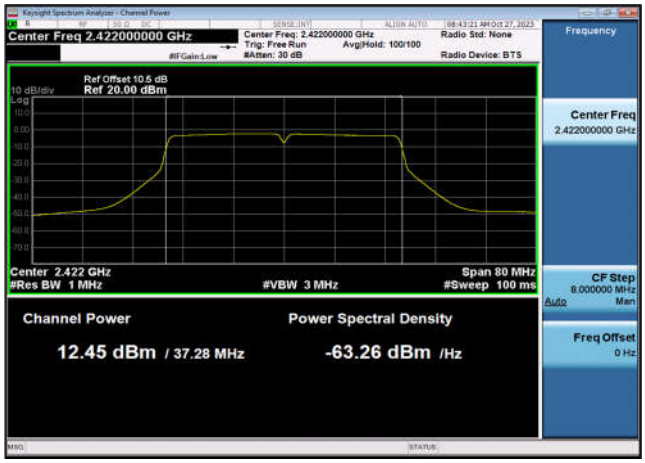
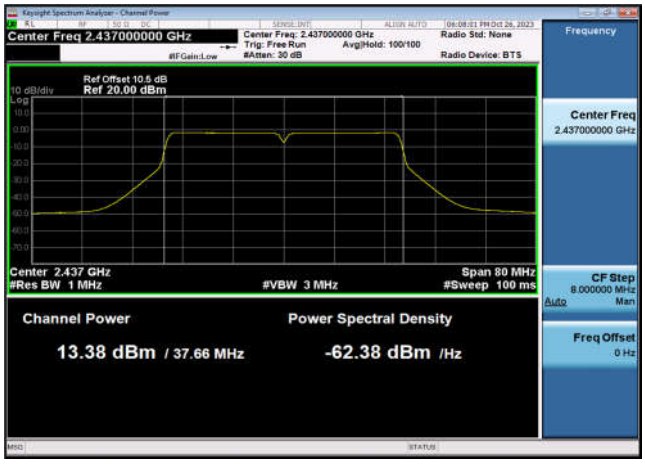
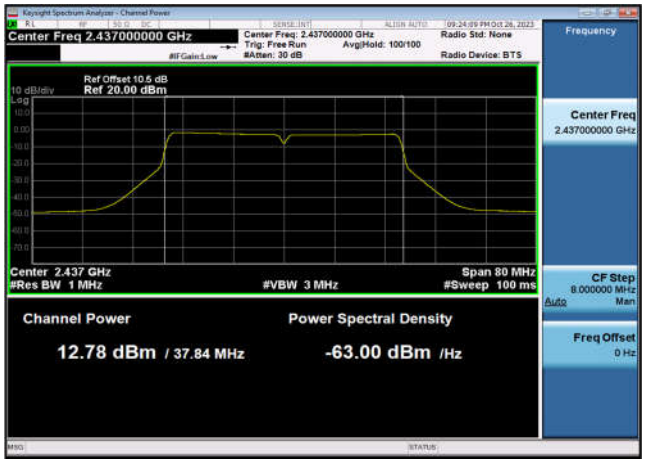
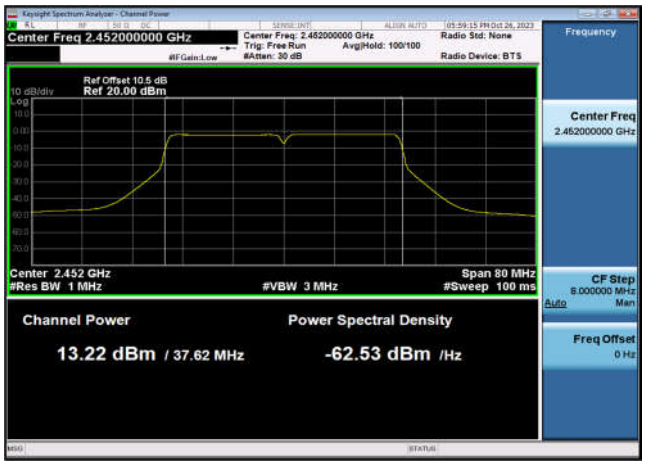
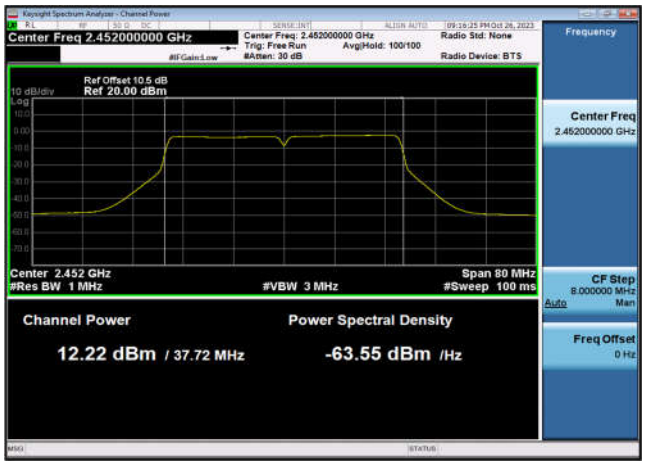
Output Power-802.11g,2462MHz,Ant7

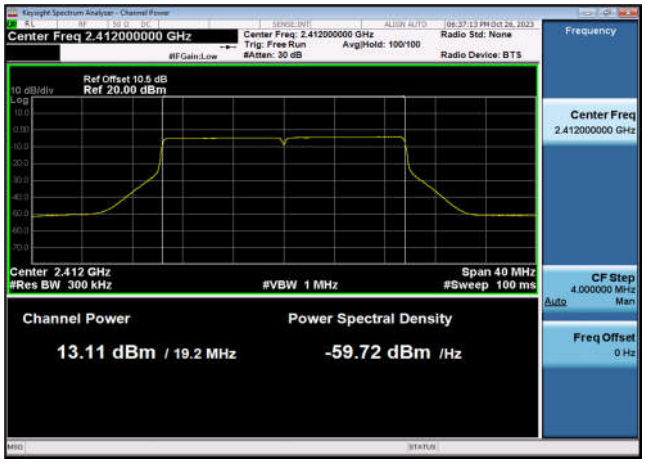
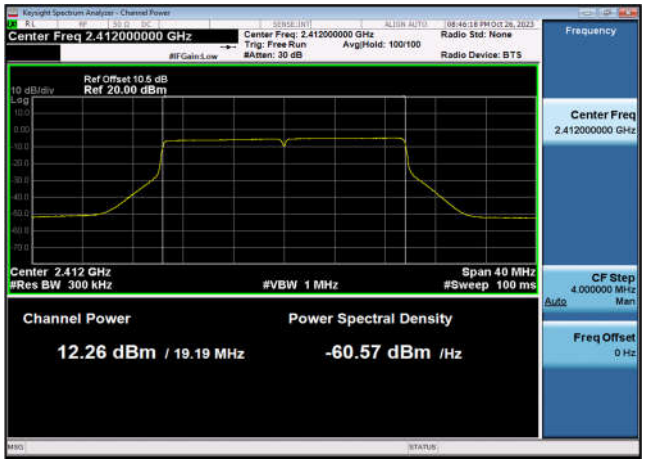
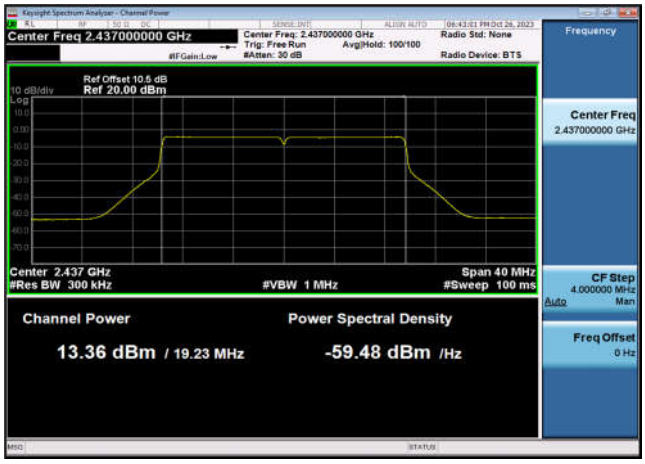
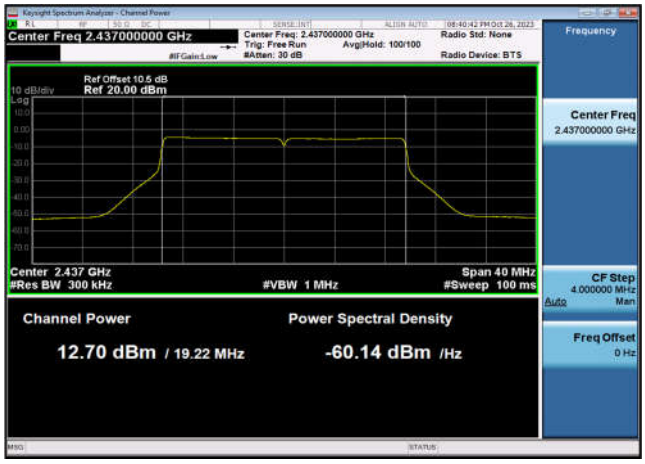
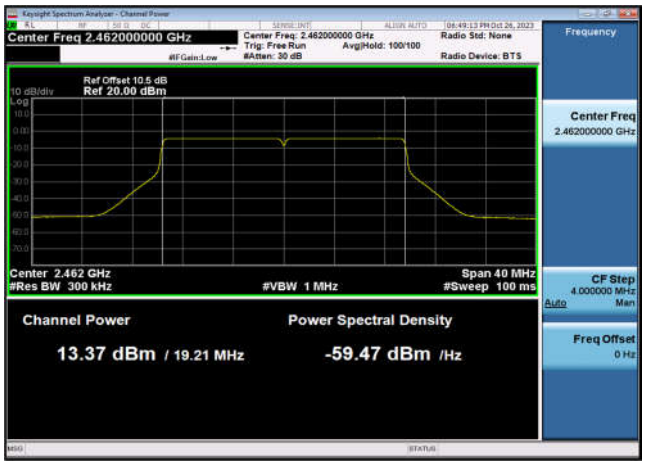
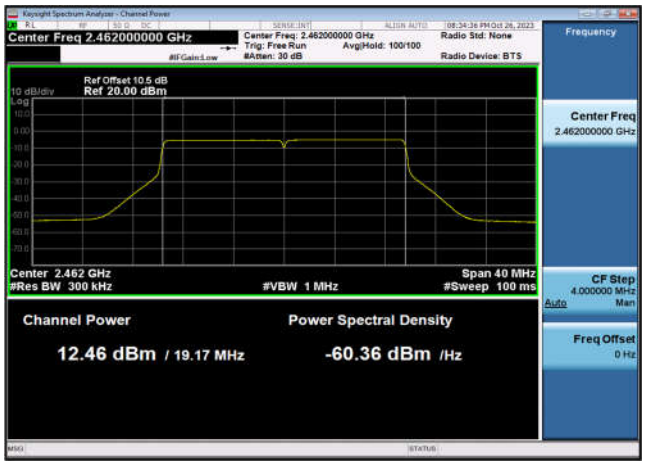


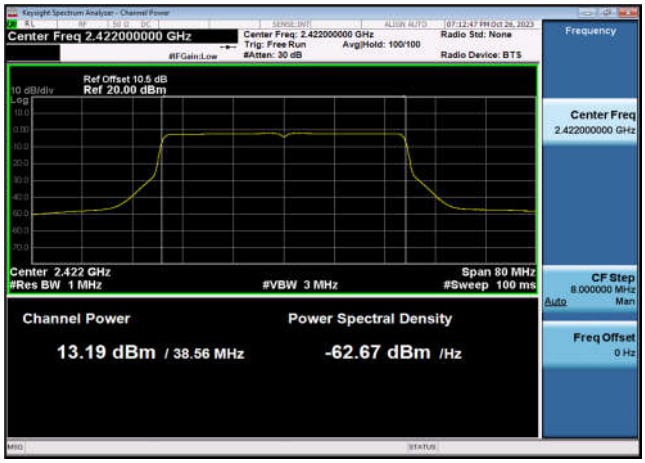
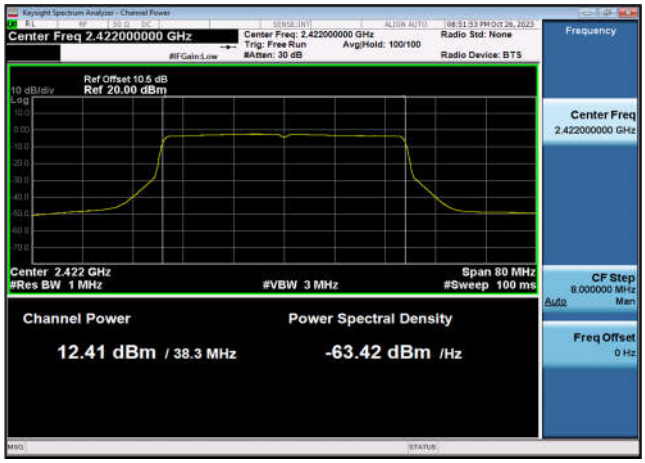
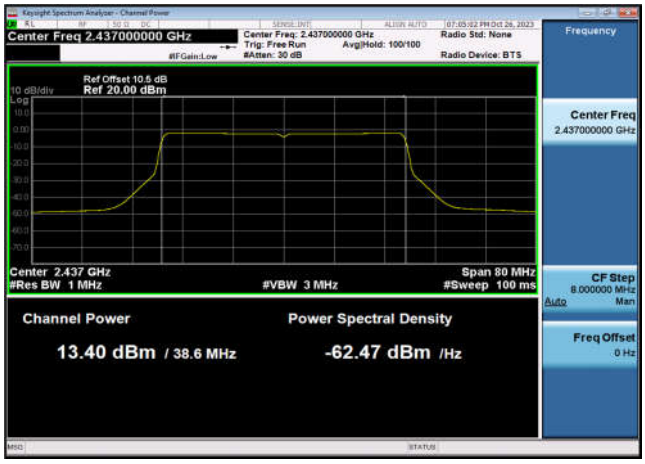
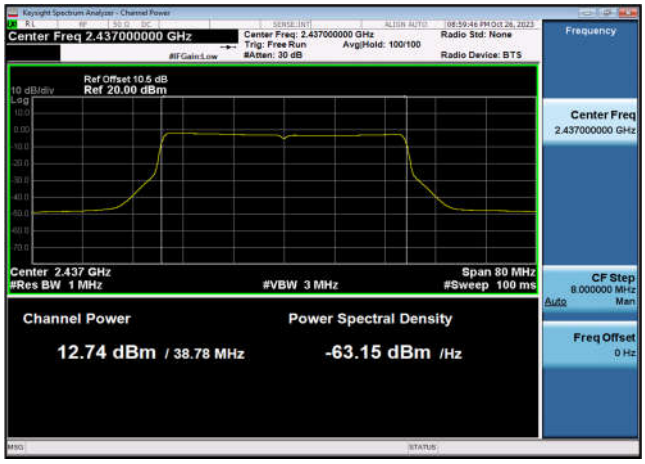
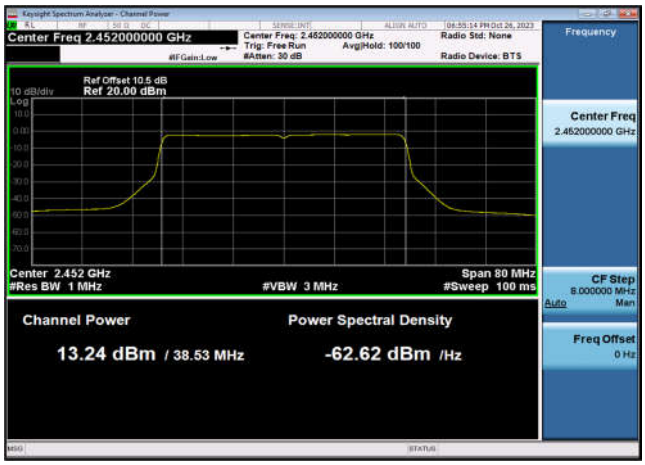
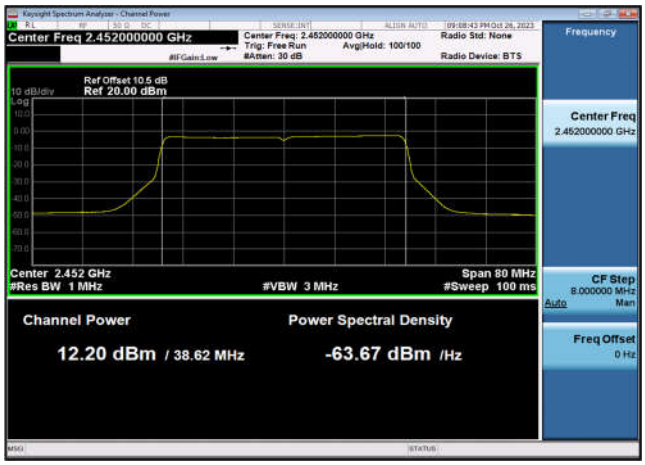
Output Power-802.11g,2462MHz,Ant6

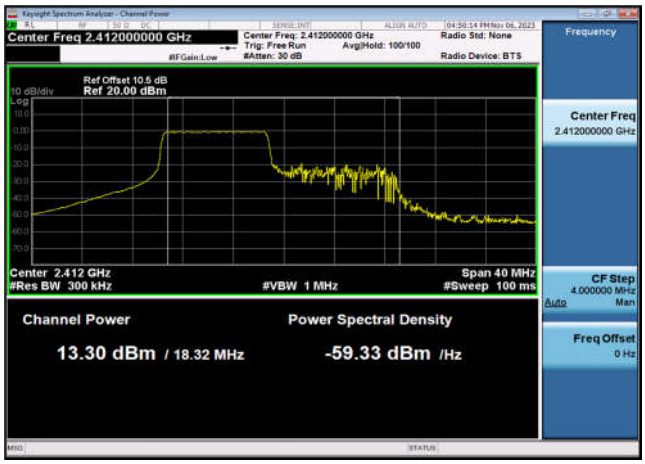
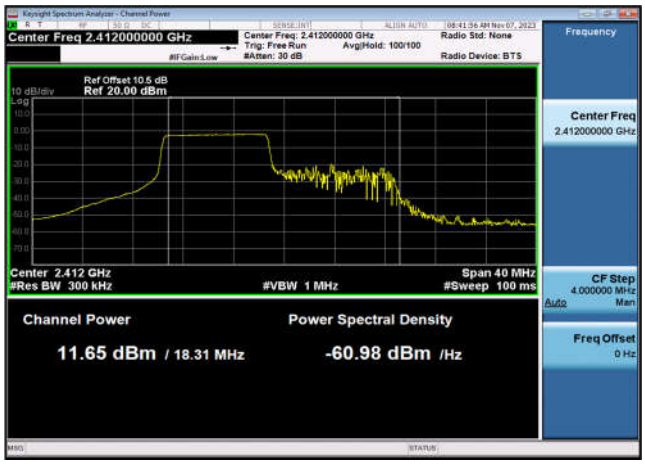
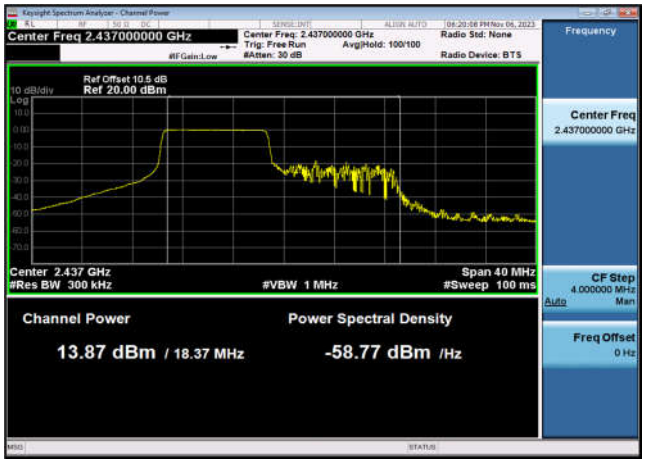
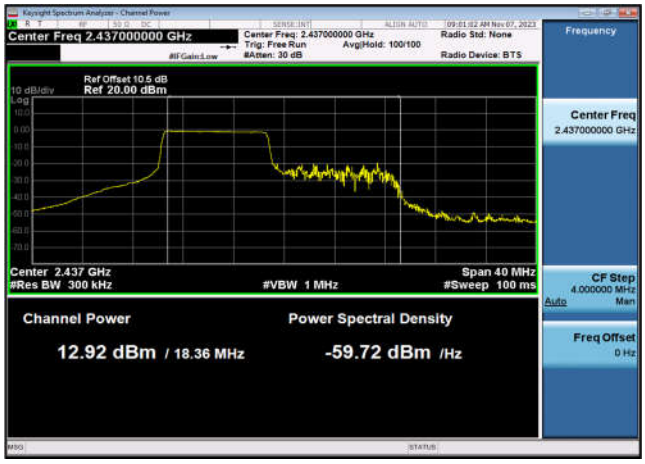
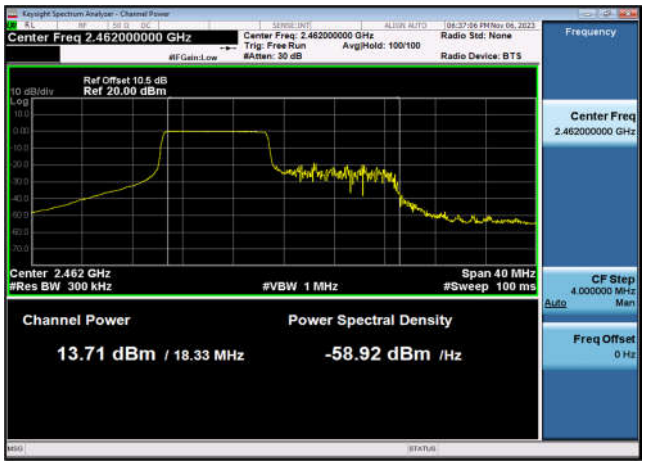
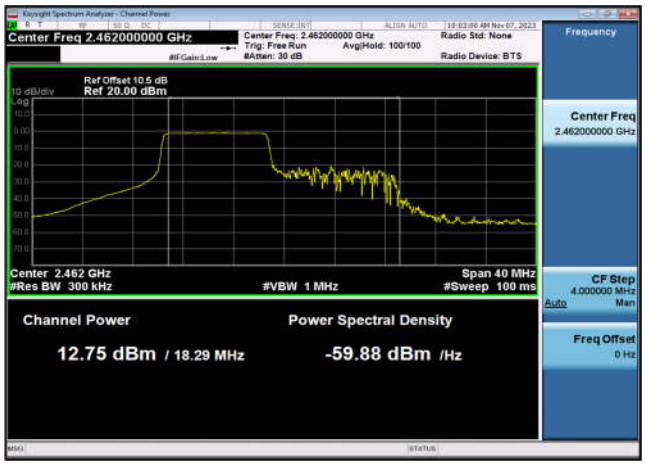


Output Power-802.11n(HT20),2412MHz ,Ant7	Output Power-802.11n(HT20),2412MHz ,Ant6
	
Output Power-802.11n(HT20),2437MHz ,Ant7	Output Power-802.11n(HT20),2437MHz ,Ant6
	
Output Power-802.11n(HT20),2462MHz ,Ant7	Output Power-802.11n(HT20),2462MHz ,Ant6
	

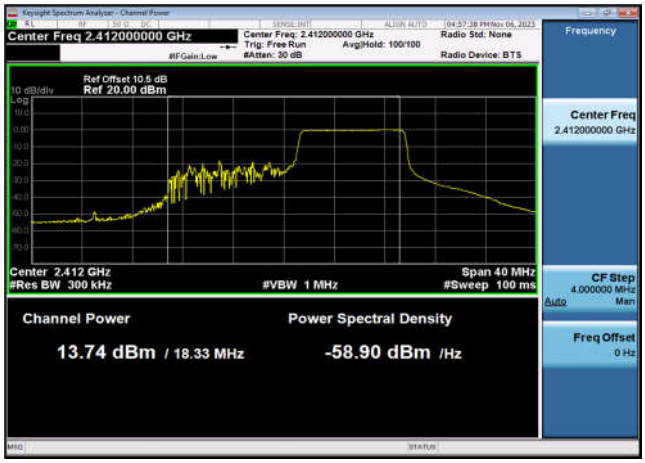
Output Power-802.11n(HT40),2422MHz ,Ant7	Output Power-802.11n(HT40),2422MHz ,Ant6
	
Output Power-802.11n(HT40),2437MHz ,Ant7	Output Power-802.11n(HT40),2437MHz ,Ant6
	
Output Power-802.11n(HT40),2452MHz ,Ant7	Output Power-802.11n(HT40),2452MHz ,Ant6
	

Output Power-802.11ax(HE20),2412MHz ,Ant7	Output Power-802.11ax(HE20),2412MHz ,Ant6
	
Output Power-802.11ax(HE20),2437MHz ,Ant7	Output Power-802.11ax(HE20),2437MHz ,Ant6
	
Output Power-802.11ax(HE20),2462MHz ,Ant7	Output Power-802.11ax(HE20),2462MHz ,Ant6
	

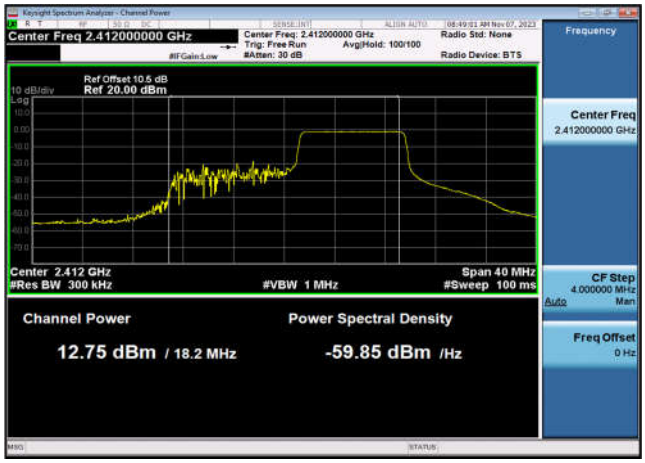
Output Power-802.11ax(HE40),2422MHz ,Ant7	Output Power-802.11ax(HE40),2422MHz ,Ant6
	
Output Power-802.11ax(HE40),2437MHz ,Ant7	Output Power-802.11ax(HE40),2437MHz ,Ant6
	
Output Power-802.11ax(HE40),2452MHz ,Ant7	Output Power-802.11ax(HE40),2452MHz ,Ant6
	

Output Power-802.11ax(HE20_RU106 _1),2412MHz,Ant7	Output Power-802.11ax(HE20_RU106 _1),2412MHz,Ant6
	
Output Power-802.11ax(HE20_RU106 _1),2437MHz,Ant7	Output Power-802.11ax(HE20_RU106 _1),2437MHz,Ant6
	
Output Power-802.11ax(HE20_RU106 _1),2462MHz,Ant7	Output Power-802.11ax(HE20_RU106 _1),2462MHz,Ant6
	

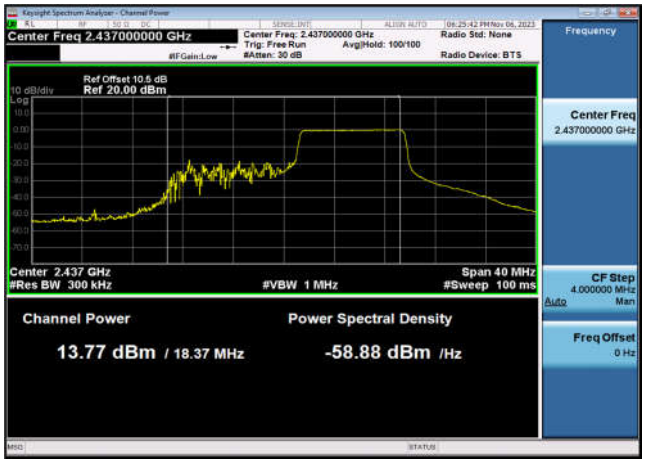
Output Power-802.11ax(HE20_RU106_2),2412MHz,Ant7



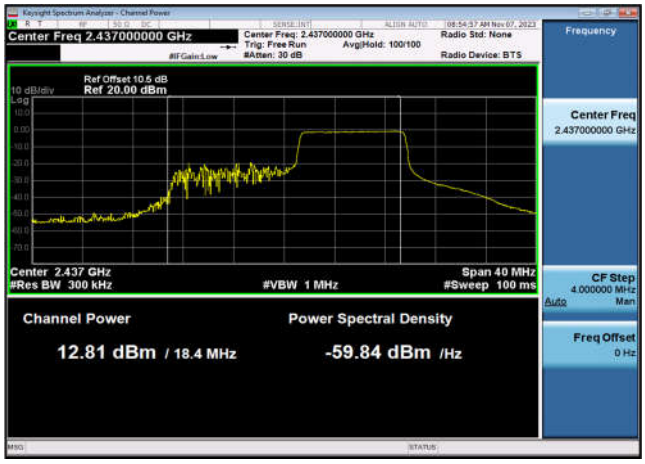
Output Power-802.11ax(HE20_RU106_2),2412MHz,Ant6



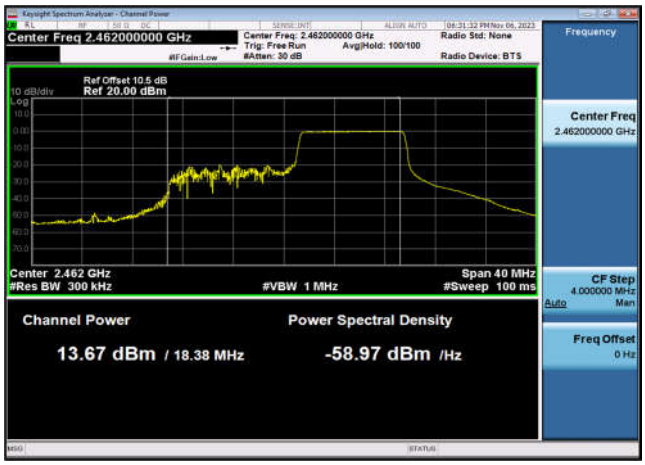
Output Power-802.11ax(HE20_RU106_2),2437MHz,Ant7



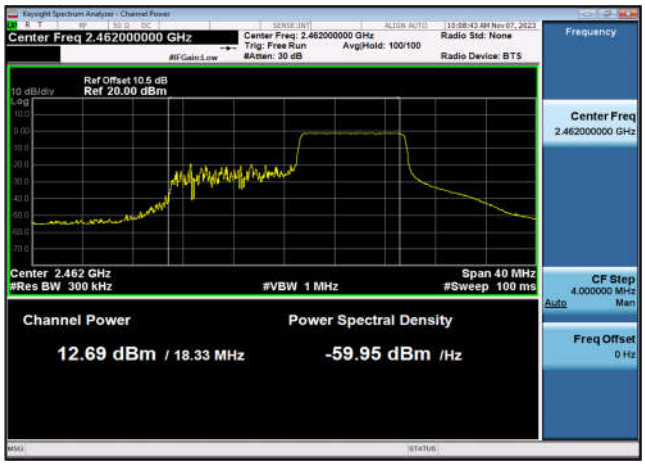
Output Power-802.11ax(HE20_RU106_2),2437MHz,Ant6



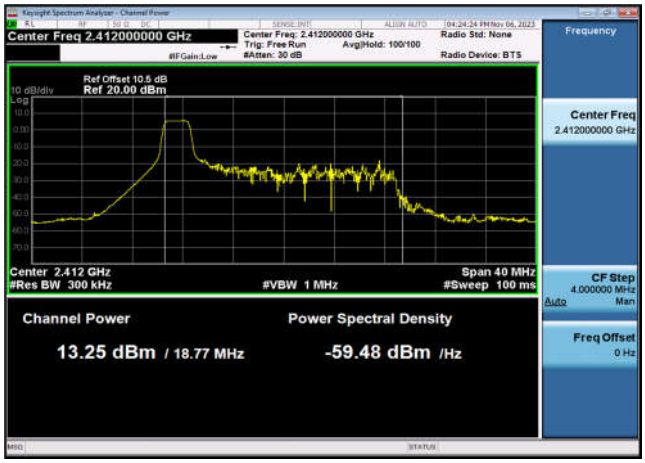
Output Power-802.11ax(HE20_RU106_2),2462MHz,Ant7



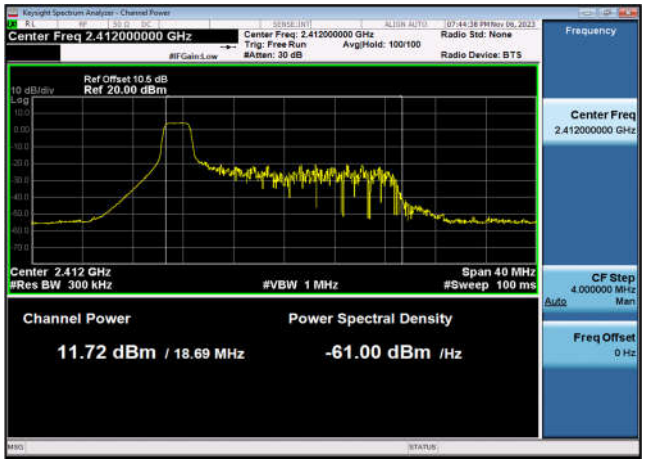
Output Power-802.11ax(HE20_RU106_2),2462MHz,Ant6



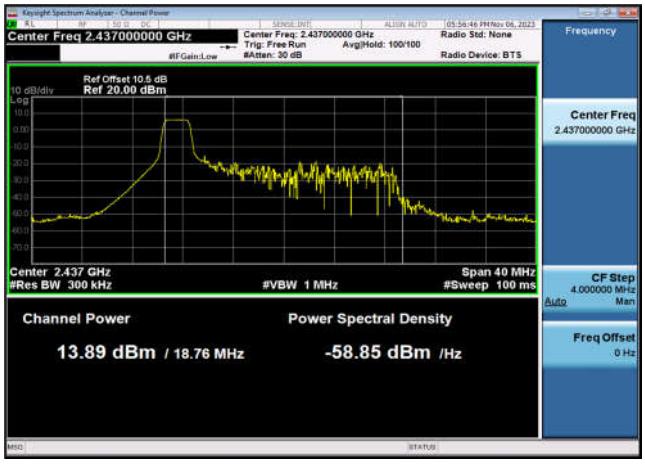
Output Power-802.11ax(HE20_RU26_1),2412MHz,Ant7



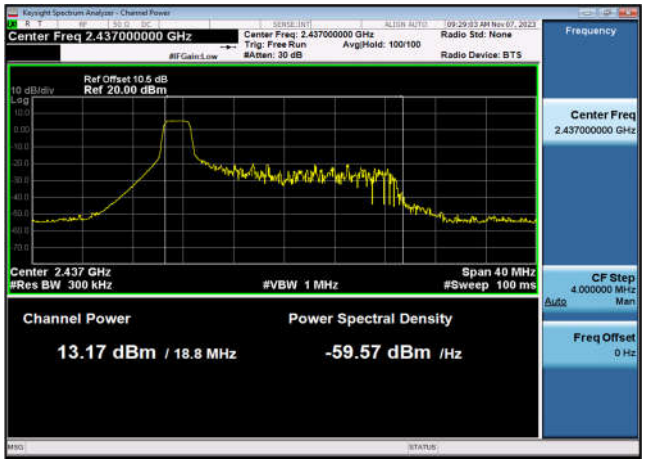
Output Power-802.11ax(HE20_RU26_1),2412MHz,Ant6



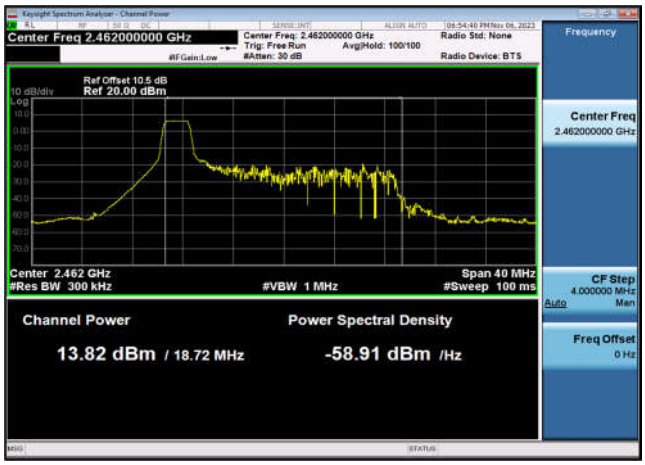
Output Power-802.11ax(HE20_RU26_1),2437MHz,Ant7



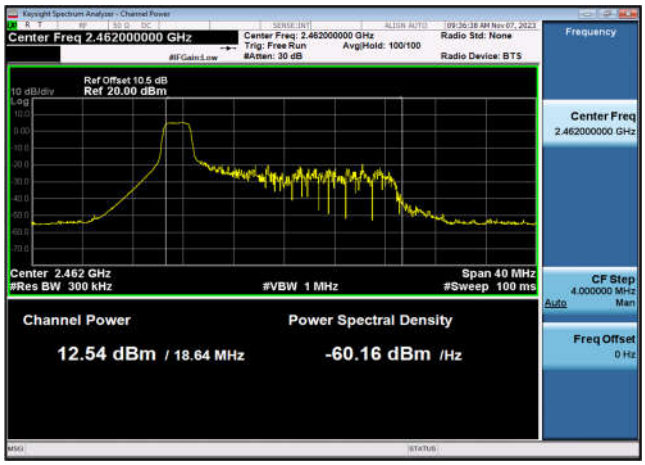
Output Power-802.11ax(HE20_RU26_1),2437MHz,Ant6



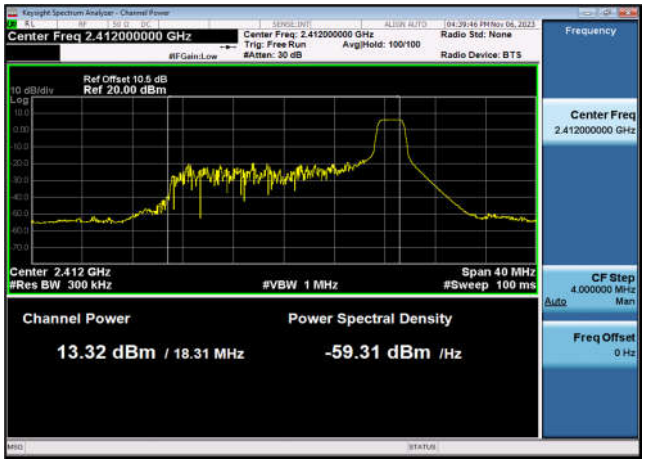
Output Power-802.11ax(HE20_RU26_1),2462MHz,Ant7



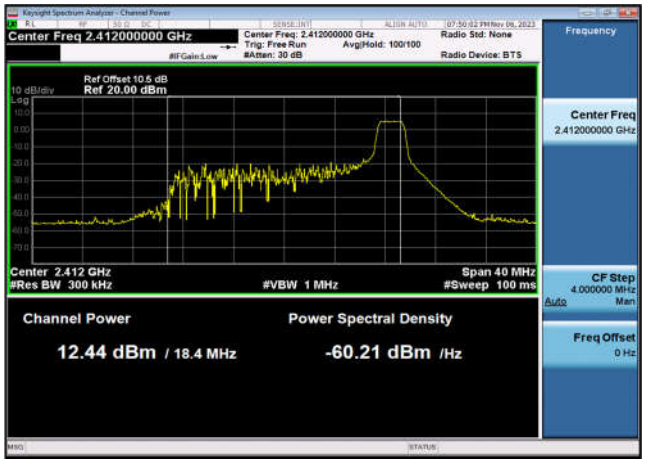
Output Power-802.11ax(HE20_RU26_1),2462MHz,Ant6



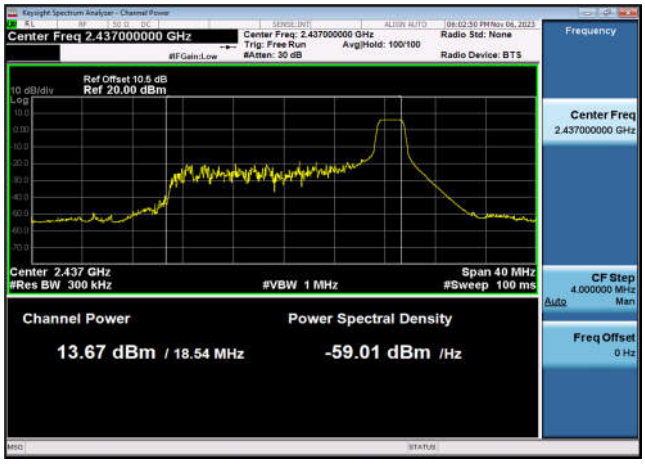
Output Power-802.11ax(HE20_RU26_9),2412MHz,Ant7



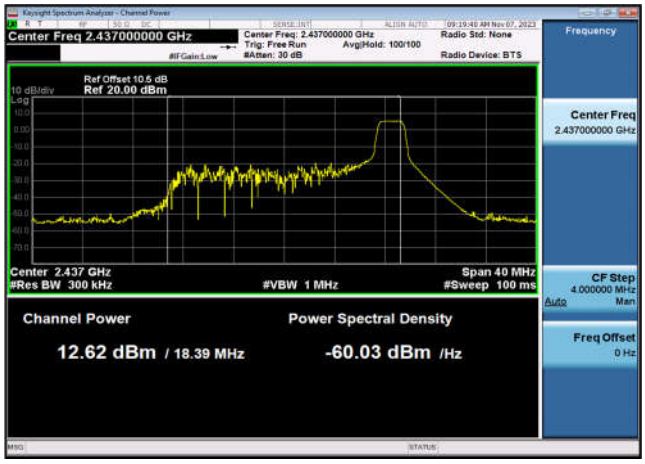
Output Power-802.11ax(HE20_RU26_9),2412MHz,Ant6



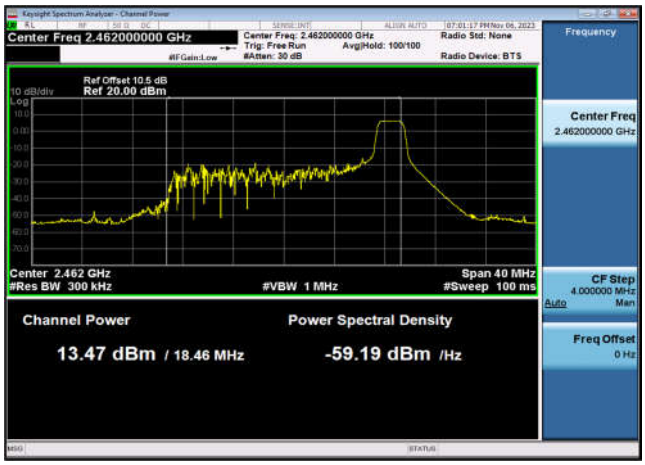
Output Power-802.11ax(HE20_RU26_9),2437MHz,Ant7



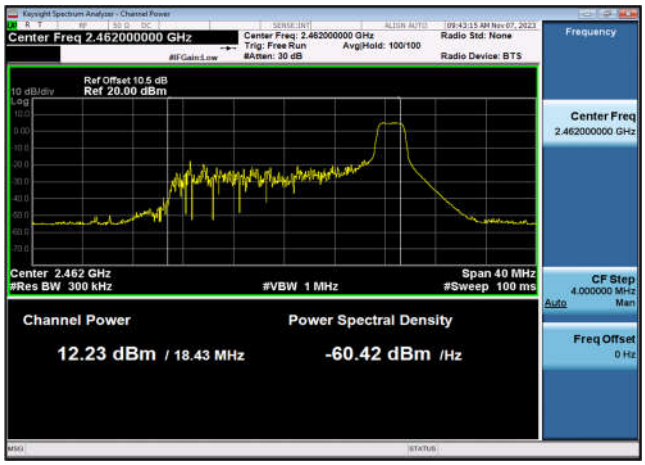
Output Power-802.11ax(HE20_RU26_9),2437MHz,Ant6



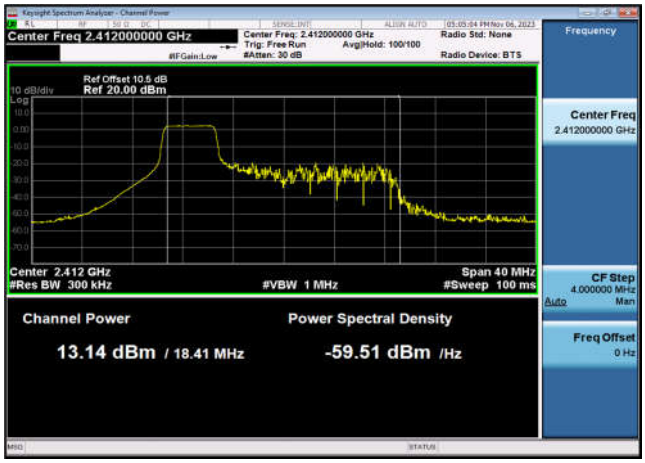
Output Power-802.11ax(HE20_RU26_9),2462MHz,Ant7



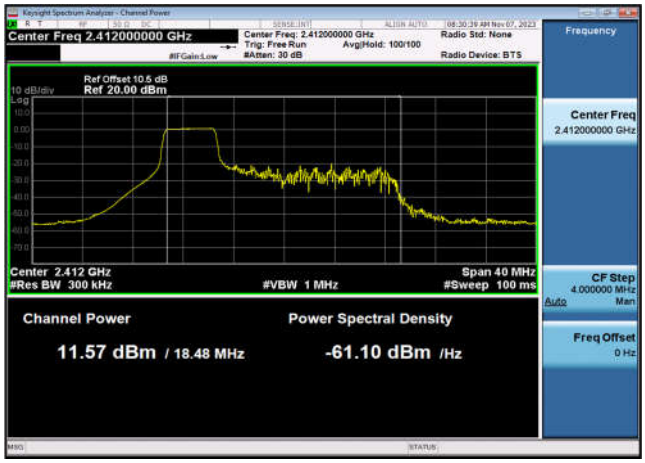
Output Power-802.11ax(HE20_RU26_9),2462MHz,Ant6



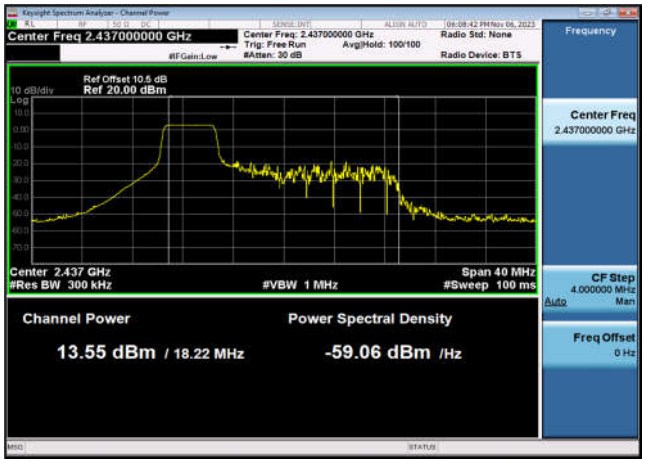
Output Power-802.11ax(HE20_RU52 _1),2412MHz,Ant7



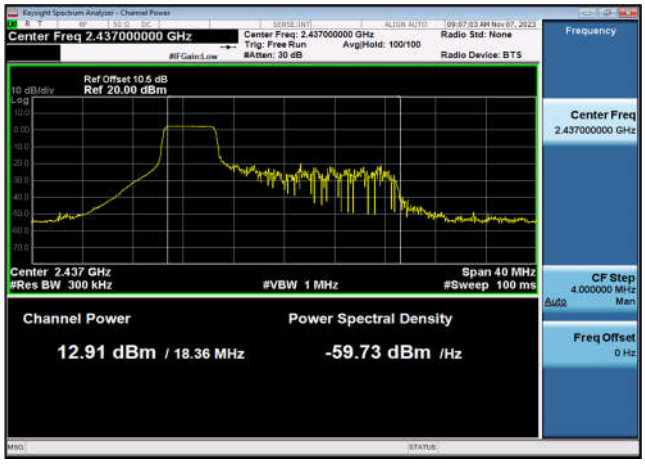
Output Power-802.11ax(HE20_RU52 _1),2412MHz,Ant6



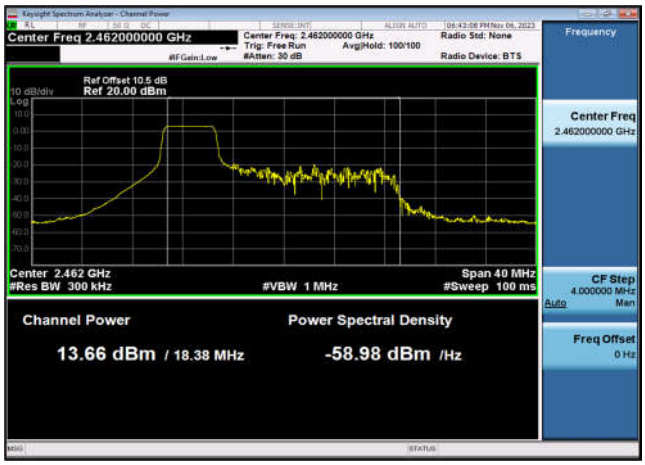
Output Power-802.11ax(HE20_RU52 _1),2437MHz,Ant7



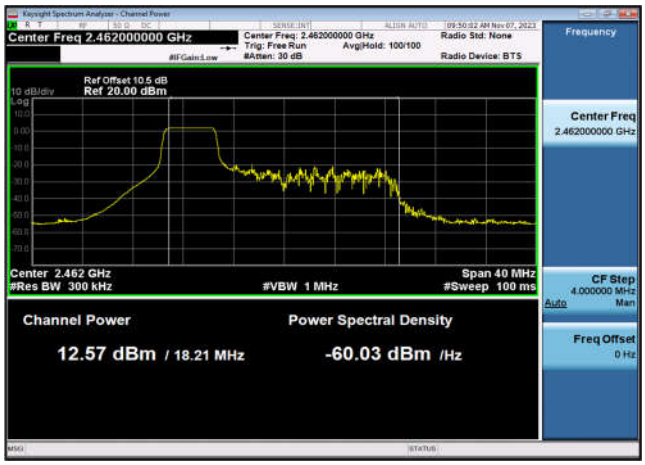
Output Power-802.11ax(HE20_RU52 _1),2437MHz,Ant6



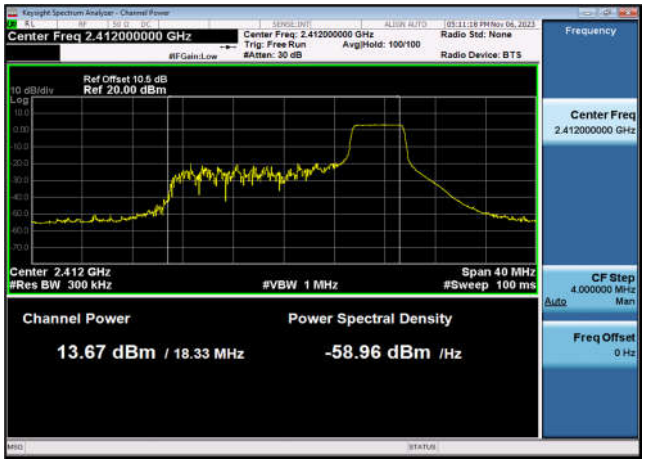
Output Power-802.11ax(HE20_RU52 _1),2462MHz,Ant7



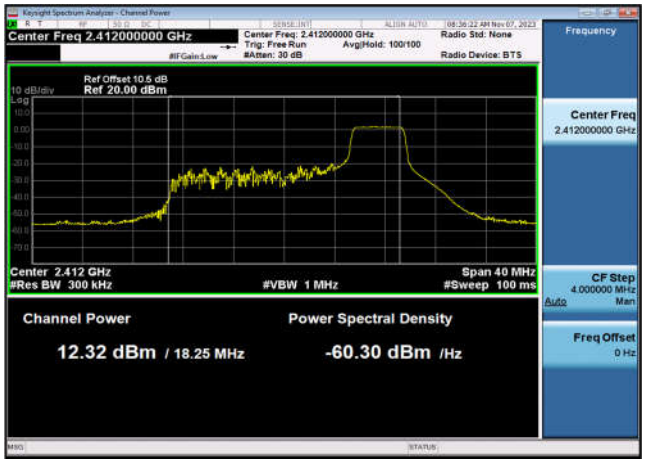
Output Power-802.11ax(HE20_RU52 _1),2462MHz,Ant6



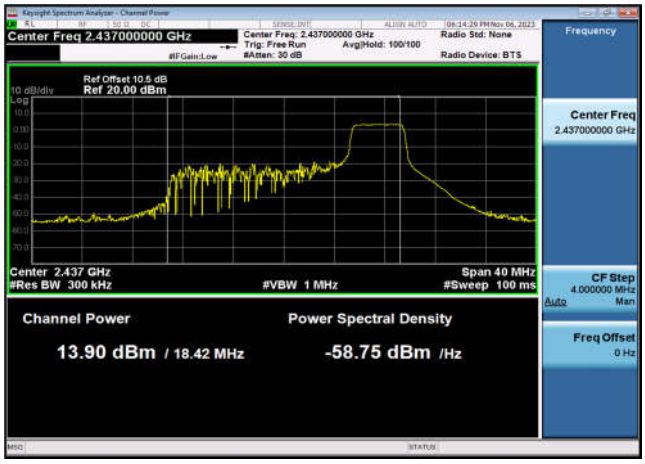
Output Power-802.11ax(HE20_RU52_4),2412MHz,Ant7



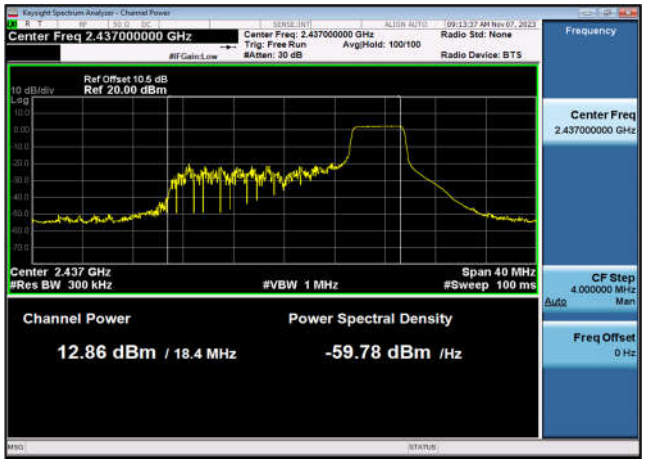
Output Power-802.11ax(HE20_RU52_4),2412MHz,Ant6



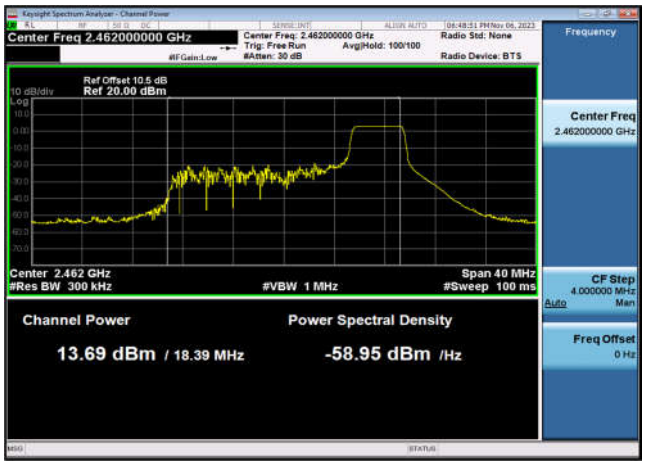
Output Power-802.11ax(HE20_RU52_4),2437MHz,Ant7



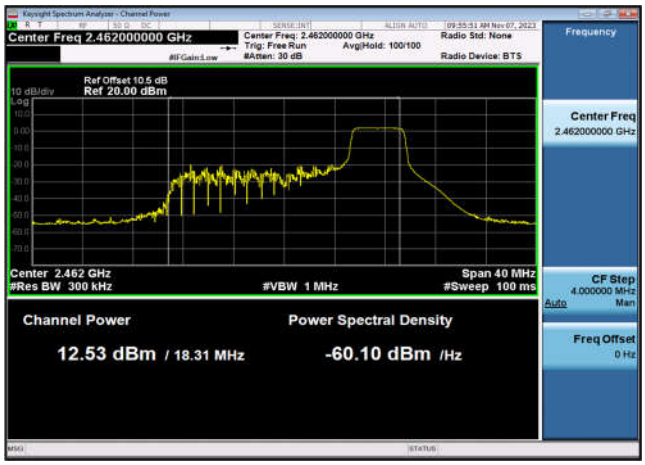
Output Power-802.11ax(HE20_RU52_4),2437MHz,Ant6



Output Power-802.11ax(HE20_RU52_4),2462MHz,Ant7



Output Power-802.11ax(HE20_RU52_4),2462MHz,Ant6



6dB Bandwidth

Test Result and Data

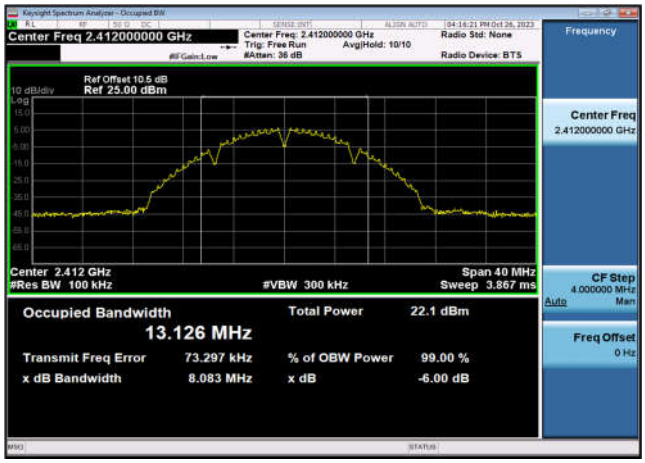
WLAN 6dB Bandwidth					
Mode	Test Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit (kHz)	Result
802.11b	2412	Ant7	8.08	500	Pass
802.11b	2412	Ant6	7.62	500	Pass
802.11b	2437	Ant7	7.58	500	Pass
802.11b	2437	Ant6	8.09	500	Pass
802.11b	2462	Ant7	8.08	500	Pass
802.11b	2462	Ant6	7.14	500	Pass
802.11g	2412	Ant7	16.39	500	Pass
802.11g	2412	Ant6	16.37	500	Pass
802.11g	2437	Ant7	16.40	500	Pass
802.11g	2437	Ant6	16.40	500	Pass
802.11g	2462	Ant7	16.40	500	Pass
802.11g	2462	Ant6	16.39	500	Pass
802.11n (HT20)	2412	Ant7	17.63	500	Pass
802.11n (HT20)	2412	Ant6	17.62	500	Pass
802.11n (HT20)	2437	Ant7	17.66	500	Pass
802.11n (HT20)	2437	Ant6	17.65	500	Pass
802.11n (HT20)	2462	Ant7	17.64	500	Pass
802.11n (HT20)	2462	Ant6	17.62	500	Pass
802.11n (HT40)	2422	Ant7	36.41	500	Pass
802.11n (HT40)	2422	Ant6	36.35	500	Pass
802.11n (HT40)	2437	Ant7	36.43	500	Pass
802.11n (HT40)	2437	Ant6	36.43	500	Pass
802.11n (HT40)	2452	Ant7	36.42	500	Pass
802.11n (HT40)	2452	Ant6	36.42	500	Pass
802.11ax (HE20)	2412	Ant7	19.03	500	Pass
802.11ax (HE20)	2412	Ant6	18.95	500	Pass
802.11ax (HE20)	2437	Ant7	19.09	500	Pass
802.11ax (HE20)	2437	Ant6	19.04	500	Pass
802.11ax (HE20)	2462	Ant7	19.02	500	Pass

802.11ax (HE20)	2462	Ant6	19.00	500	Pass
802.11ax (HE40)	2422	Ant7	38.18	500	Pass
802.11ax (HE40)	2422	Ant6	38.06	500	Pass
802.11ax (HE40)	2437	Ant7	38.22	500	Pass
802.11ax (HE40)	2437	Ant6	38.17	500	Pass
802.11ax (HE40)	2452	Ant7	38.27	500	Pass
802.11ax (HE40)	2452	Ant6	38.20	500	Pass

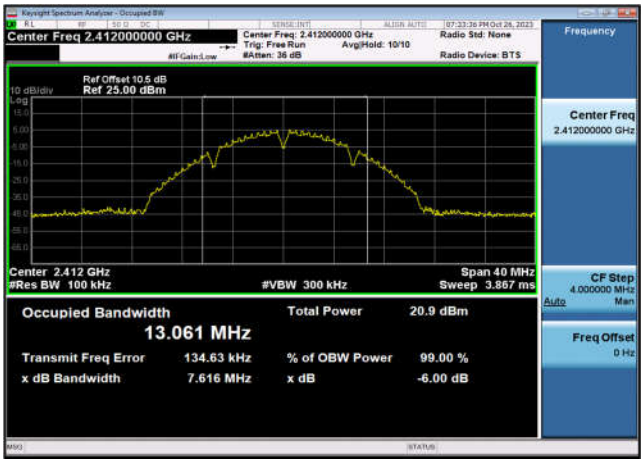
WLAN 6dB Bandwidth - Tone RU mode					
Mode	Test Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit (kHz)	Result
802.11ax (HE20_RU106_1)	2412	Ant7	18.12	500	Pass
802.11ax (HE20_RU106_1)	2412	Ant6	18.11	500	Pass
802.11ax (HE20_RU106_1)	2437	Ant7	18.12	500	Pass
802.11ax (HE20_RU106_1)	2437	Ant6	17.18	500	Pass
802.11ax (HE20_RU106_1)	2462	Ant7	18.15	500	Pass
802.11ax (HE20_RU106_1)	2462	Ant6	17.14	500	Pass
802.11ax (HE20_RU106_2)	2412	Ant7	17.16	500	Pass
802.11ax (HE20_RU106_2)	2412	Ant6	17.15	500	Pass
802.11ax (HE20_RU106_2)	2437	Ant7	17.14	500	Pass
802.11ax (HE20_RU106_2)	2437	Ant6	17.15	500	Pass
802.11ax (HE20_RU106_2)	2462	Ant7	17.16	500	Pass
802.11ax (HE20_RU106_2)	2462	Ant6	17.17	500	Pass
802.11ax (HE20_RU26_1)	2412	Ant7	2.10	500	Pass
802.11ax (HE20_RU26_1)	2412	Ant6	14.56	500	Pass
802.11ax	2437	Ant7	2.11	500	Pass

(HE20_RU26_1)					
802.11ax (HE20_RU26_1)	2437	Ant6	2.15	500	Pass
802.11ax (HE20_RU26_1)	2462	Ant7	2.10	500	Pass
802.11ax (HE20_RU26_1)	2462	Ant6	2.13	500	Pass
802.11ax (HE20_RU26_9)	2412	Ant7	2.07	500	Pass
802.11ax (HE20_RU26_9)	2412	Ant6	2.15	500	Pass
802.11ax (HE20_RU26_9)	2437	Ant7	2.13	500	Pass
802.11ax (HE20_RU26_9)	2437	Ant6	2.14	500	Pass
802.11ax (HE20_RU26_9)	2462	Ant7	2.10	500	Pass
802.11ax (HE20_RU26_9)	2462	Ant6	2.10	500	Pass
802.11ax (HE20_RU52_1)	2412	Ant7	15.84	500	Pass
802.11ax (HE20_RU52_1)	2412	Ant6	17.11	500	Pass
802.11ax (HE20_RU52_1)	2437	Ant7	17.09	500	Pass
802.11ax (HE20_RU52_1)	2437	Ant6	17.10	500	Pass
802.11ax (HE20_RU52_1)	2462	Ant7	15.84	500	Pass
802.11ax (HE20_RU52_1)	2462	Ant6	17.09	500	Pass
802.11ax (HE20_RU52_4)	2412	Ant7	15.87	500	Pass
802.11ax (HE20_RU52_4)	2412	Ant6	15.82	500	Pass
802.11ax (HE20_RU52_4)	2437	Ant7	17.04	500	Pass
802.11ax (HE20_RU52_4)	2437	Ant6	16.98	500	Pass
802.11ax (HE20_RU52_4)	2462	Ant7	17.07	500	Pass
802.11ax (HE20_RU52_4)	2462	Ant6	17.03	500	Pass

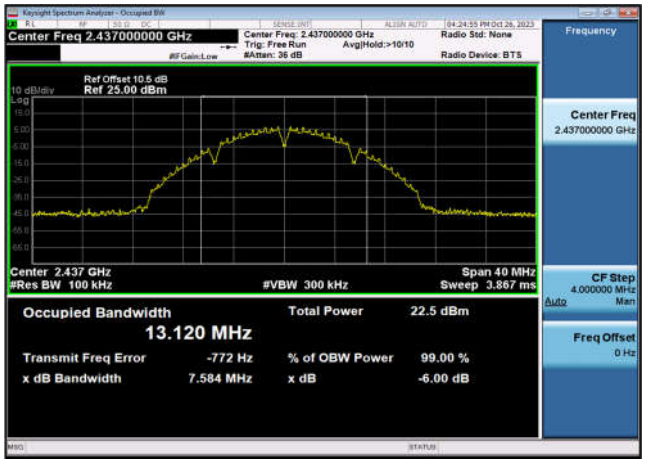
6dB Bandwidth-802.11b,2412MHz,Ant7



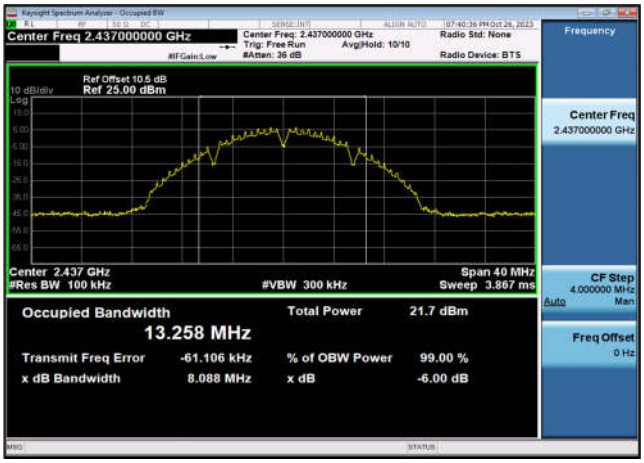
6dB Bandwidth-802.11b,2412MHz,Ant6



6dB Bandwidth-802.11b,2437MHz,Ant7

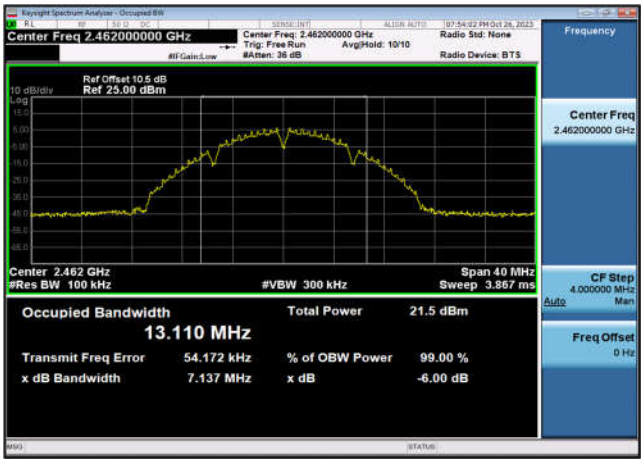


6dB Bandwidth-802.11b,2437MHz,Ant6



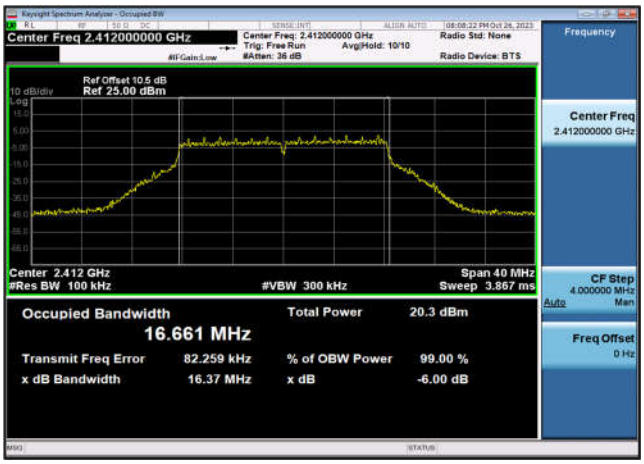
6dB Bandwidth-802.11b,2462MHz,Ant7

6dB Bandwidth-802.11b,2462MHz,Ant6

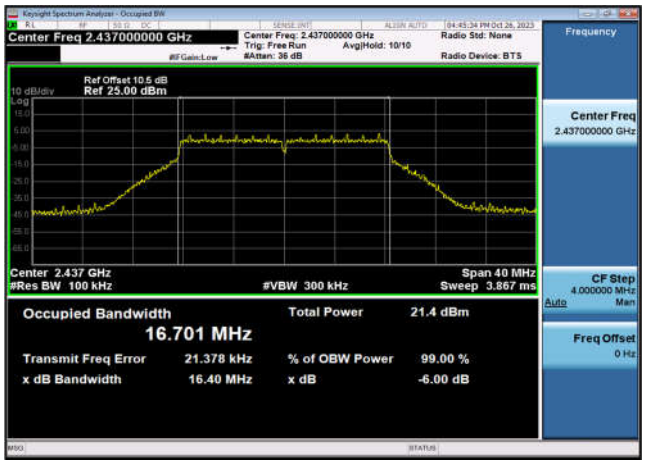


6dB Bandwidth-802.11g,2412MHz,Ant7

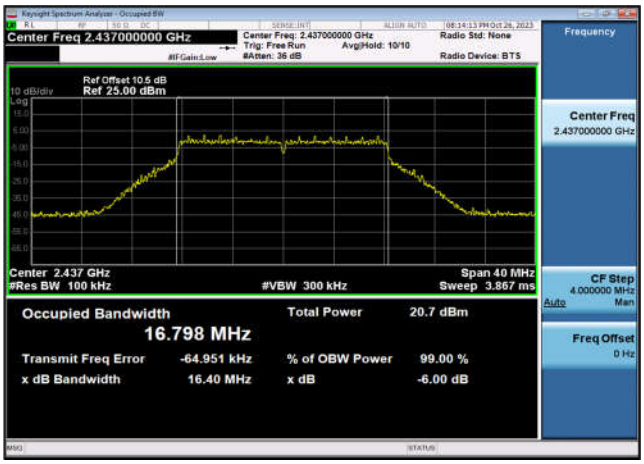
6dB Bandwidth-802.11g,2412MHz,Ant6



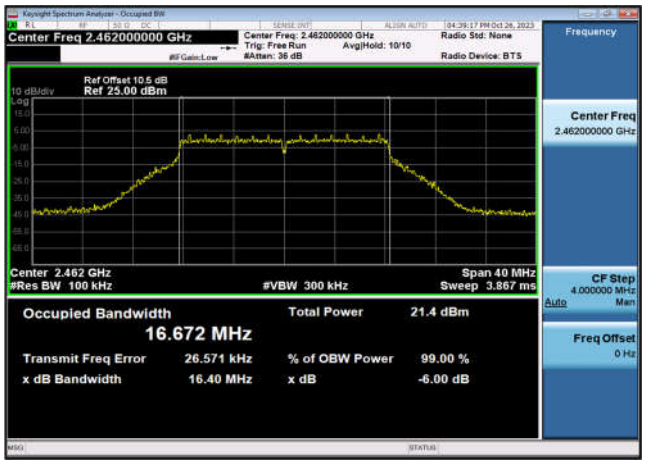
6dB Bandwidth-802.11g,2437MHz,Ant7



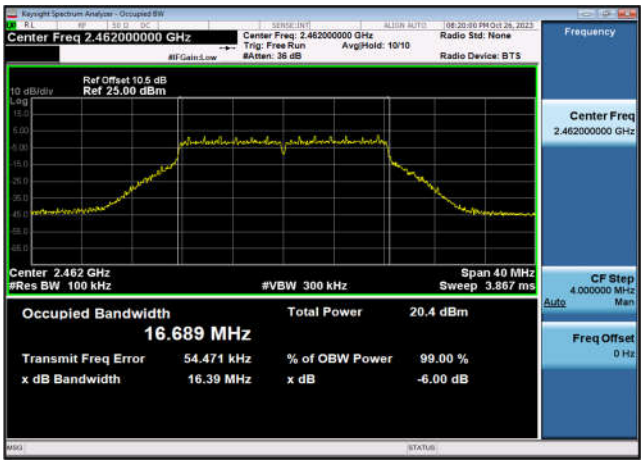
6dB Bandwidth-802.11g,2437MHz,Ant6

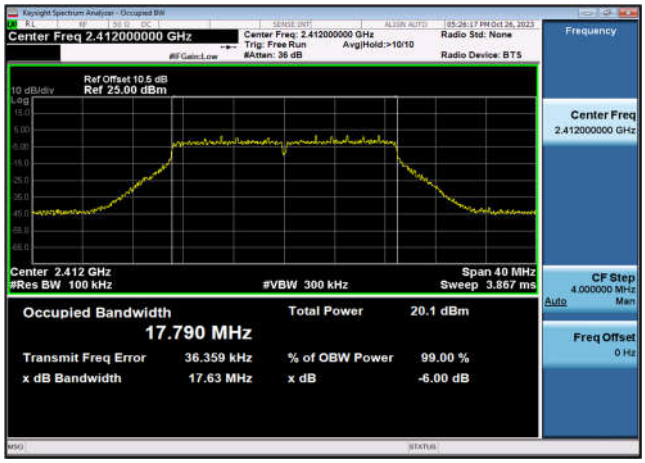
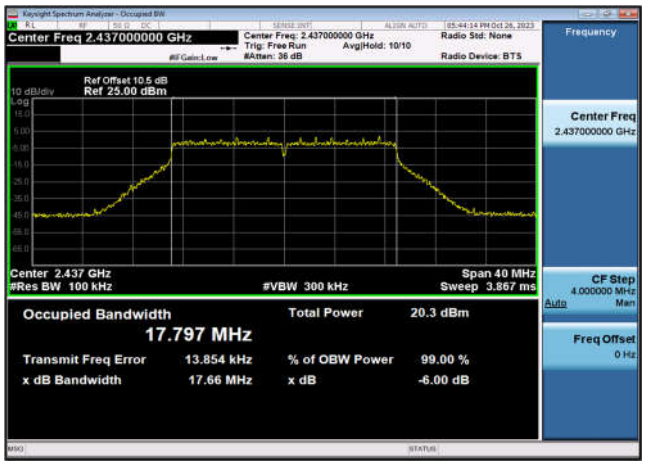
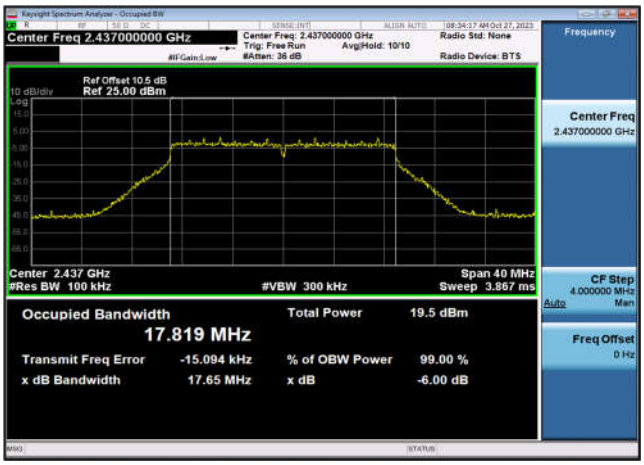
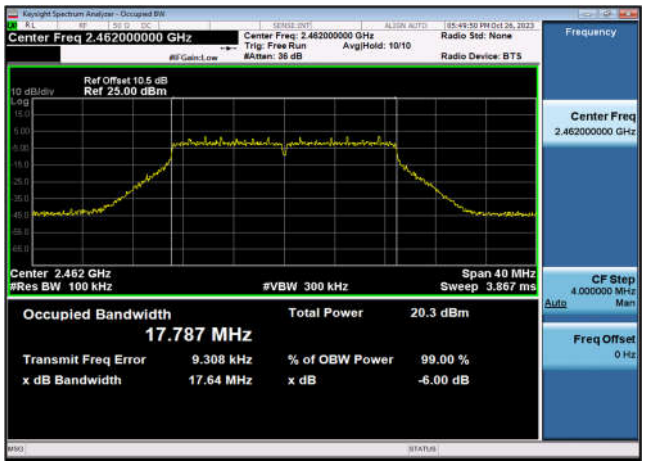
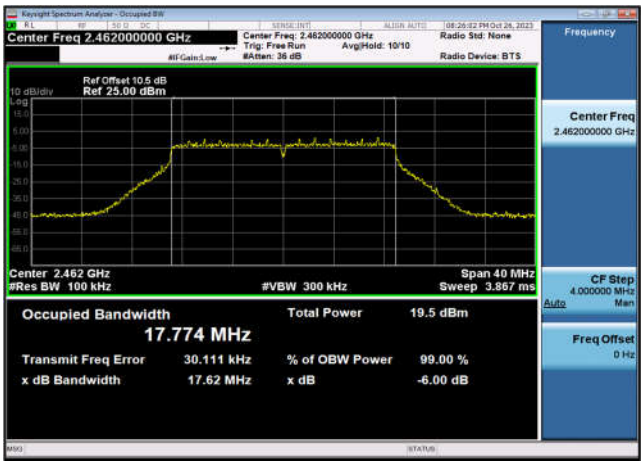


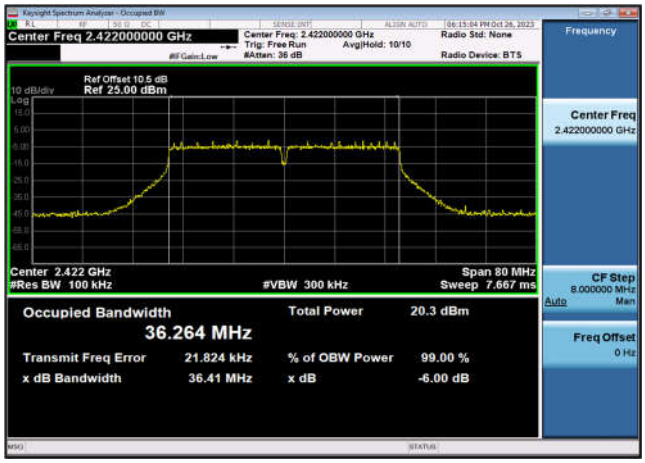
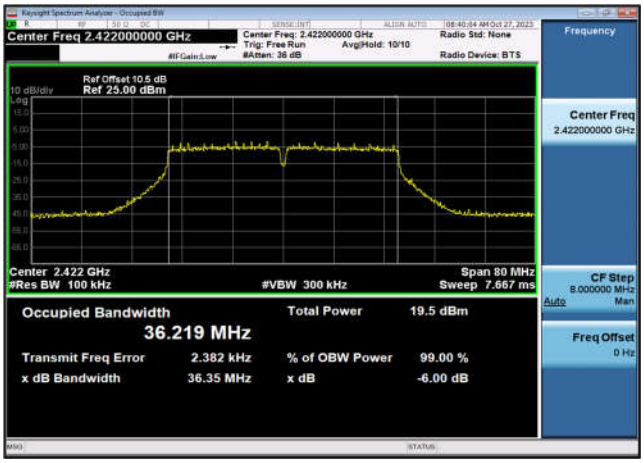
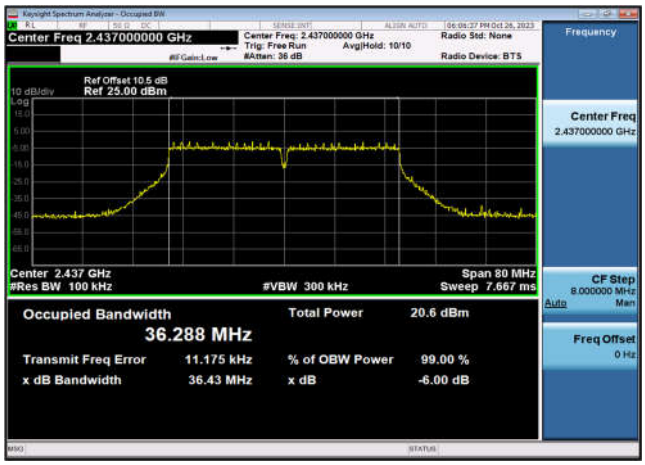
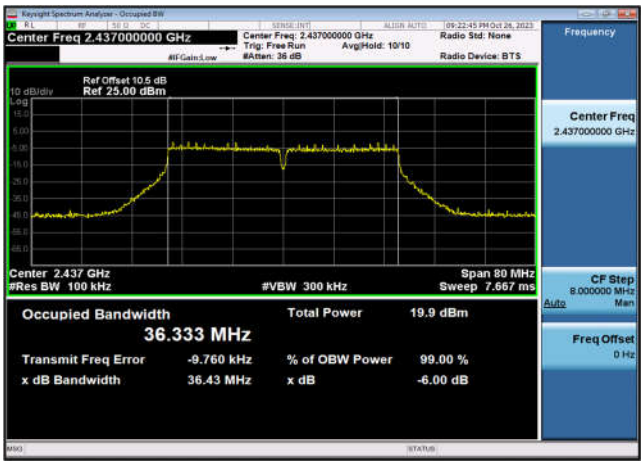
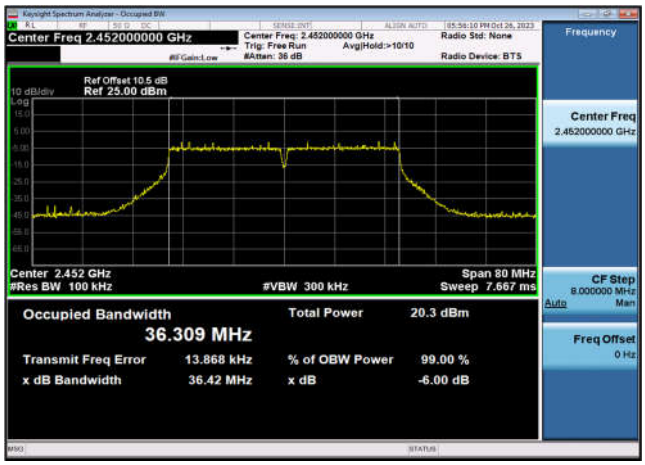
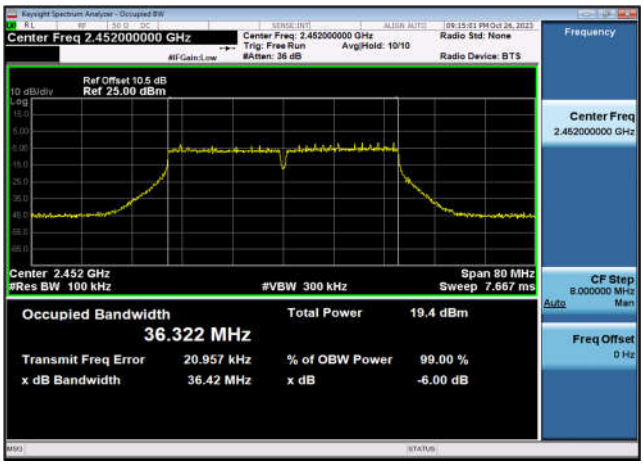
6dB Bandwidth-802.11g,2462MHz,Ant7

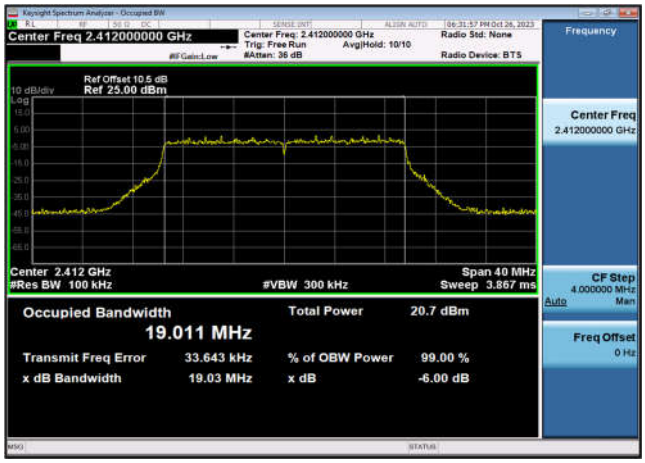
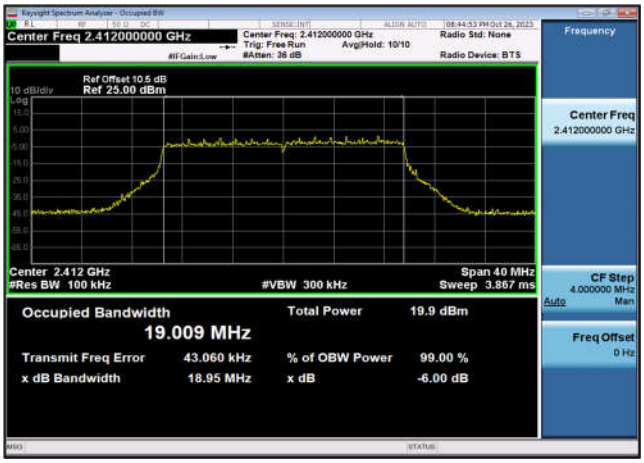
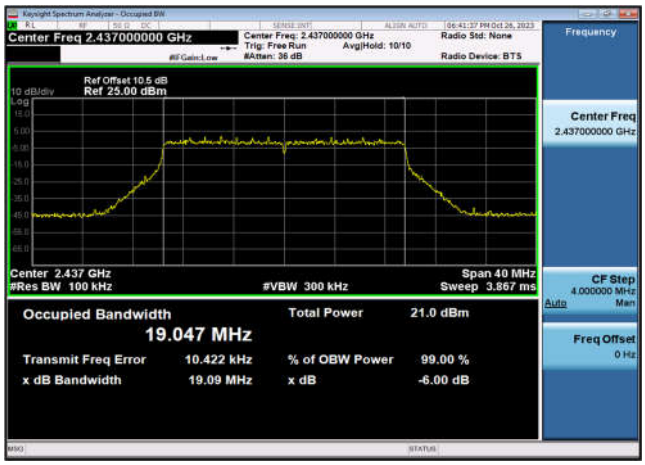
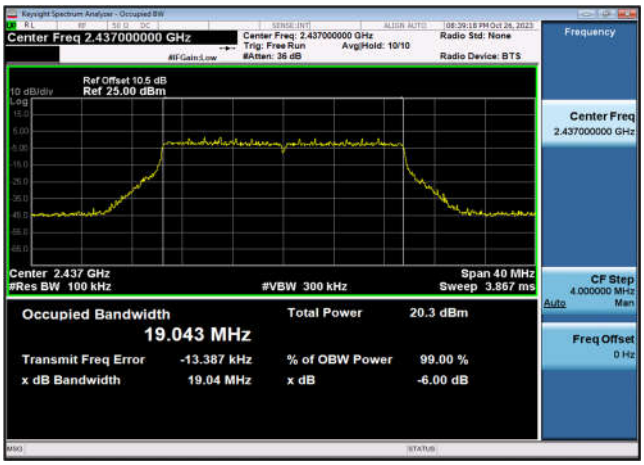
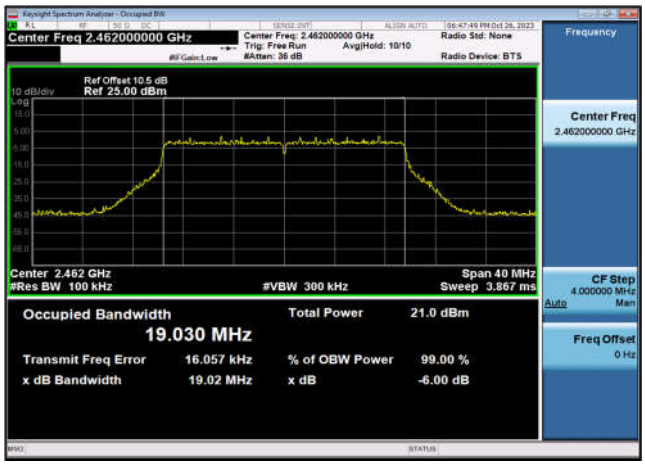
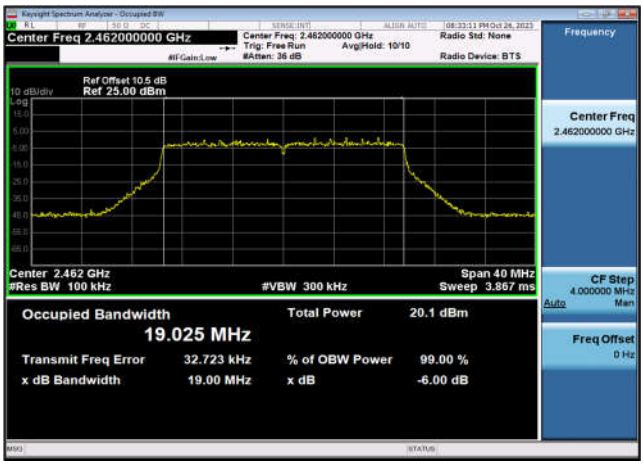


6dB Bandwidth-802.11g,2462MHz,Ant6

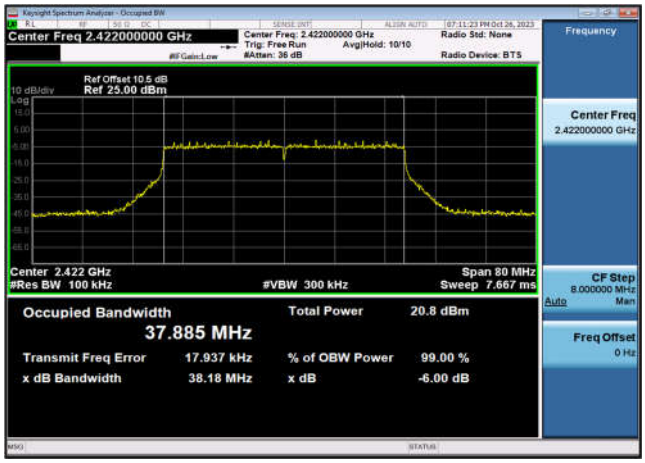


6dB Bandwidth-802.11n(HT20),2412MHz ,Ant7	6dB Bandwidth-802.11n(HT20),2412MHz ,Ant6
	
6dB Bandwidth-802.11n(HT20),2437MHz ,Ant7	6dB Bandwidth-802.11n(HT20),2437MHz ,Ant6
	
6dB Bandwidth-802.11n(HT20),2462MHz ,Ant7	6dB Bandwidth-802.11n(HT20),2462MHz ,Ant6
	

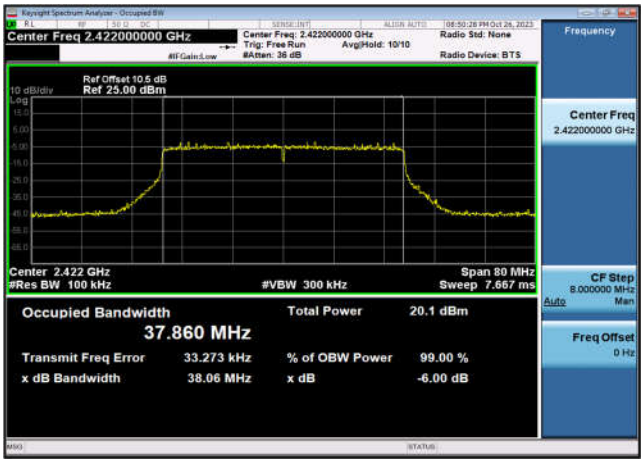
6dB Bandwidth-802.11n(HT40),2422MHz ,Ant7	6dB Bandwidth-802.11n(HT40),2422MHz ,Ant6
	
6dB Bandwidth-802.11n(HT40),2437MHz ,Ant7	6dB Bandwidth-802.11n(HT40),2437MHz ,Ant6
	
6dB Bandwidth-802.11n(HT40),2452MHz ,Ant7	6dB Bandwidth-802.11n(HT40),2452MHz ,Ant6
	

6dB Bandwidth-802.11ax(HE20),2412MHz ,Ant7	6dB Bandwidth-802.11ax(HE20),2412MHz ,Ant6
	
6dB Bandwidth-802.11ax(HE20),2437MHz ,Ant7	6dB Bandwidth-802.11ax(HE20),2437MHz ,Ant6
	
6dB Bandwidth-802.11ax(HE20),2462MHz ,Ant7	6dB Bandwidth-802.11ax(HE20),2462MHz ,Ant6
	

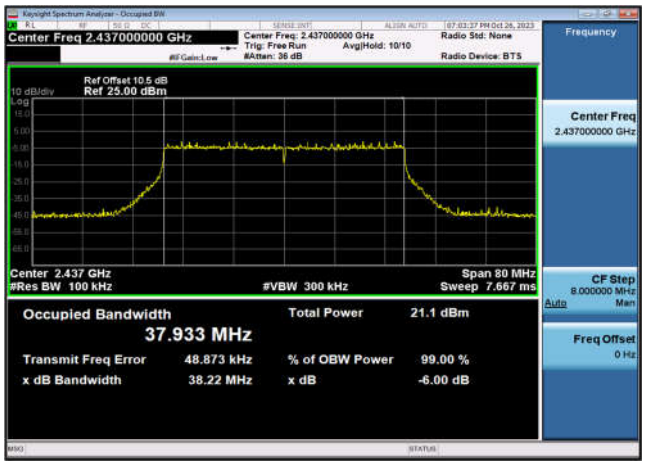
6dB Bandwidth-802.11ax(HE40),2422MHz ,Ant7



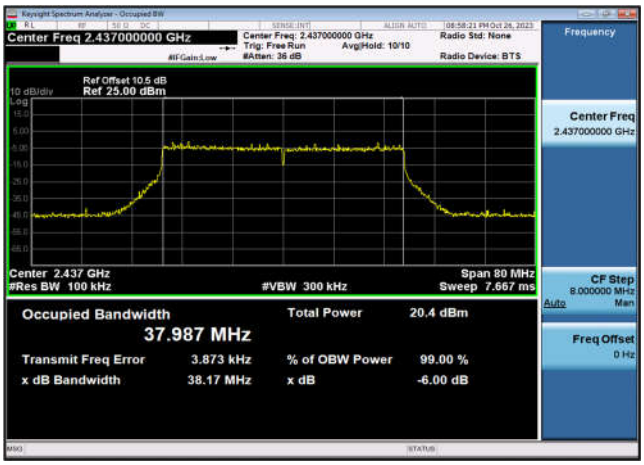
6dB Bandwidth-802.11ax(HE40),2422MHz ,Ant6



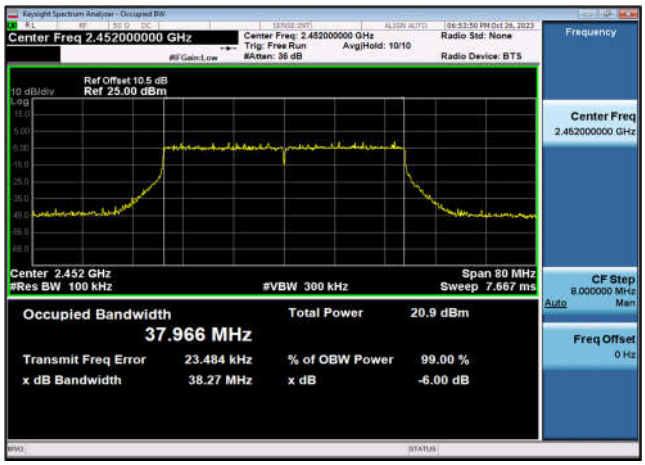
6dB Bandwidth-802.11ax(HE40),2437MHz ,Ant7



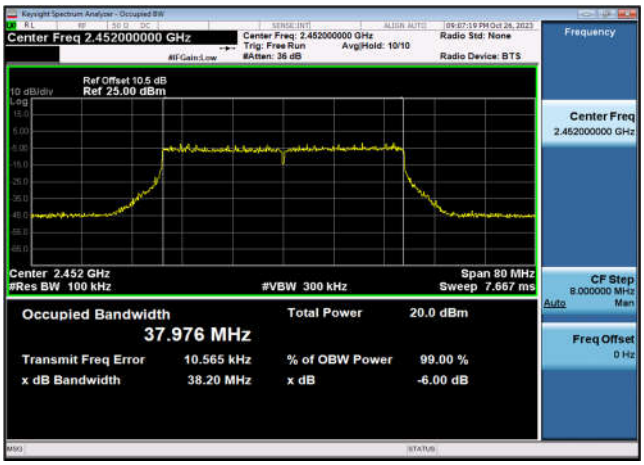
6dB Bandwidth-802.11ax(HE40),2437MHz ,Ant6



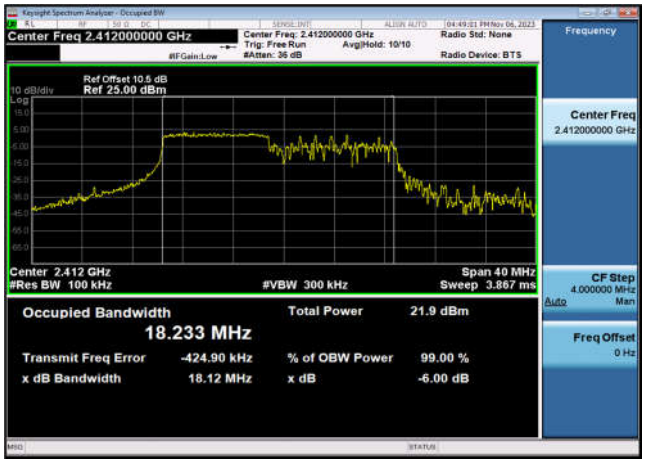
6dB Bandwidth-802.11ax(HE40),2452MHz ,Ant7



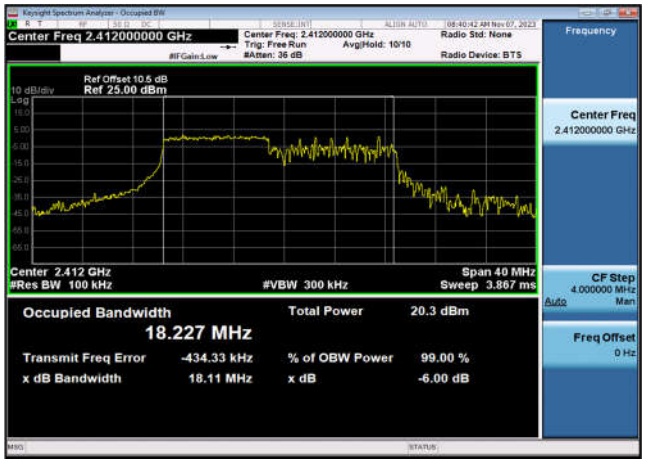
6dB Bandwidth-802.11ax(HE40),2452MHz ,Ant6



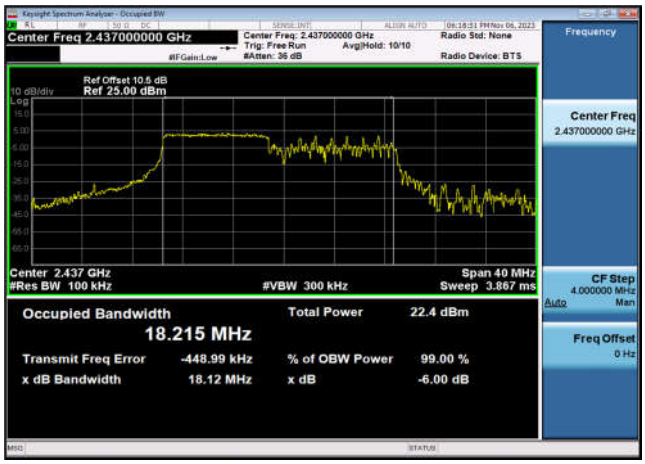
6dB Bandwidth-802.11ax(HE20_RU106_1),2412MHz,Ant7



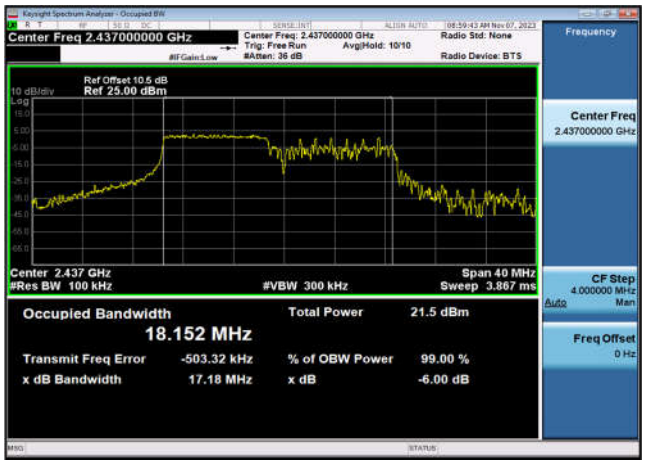
6dB Bandwidth-802.11ax(HE20_RU106_1),2412MHz,Ant6



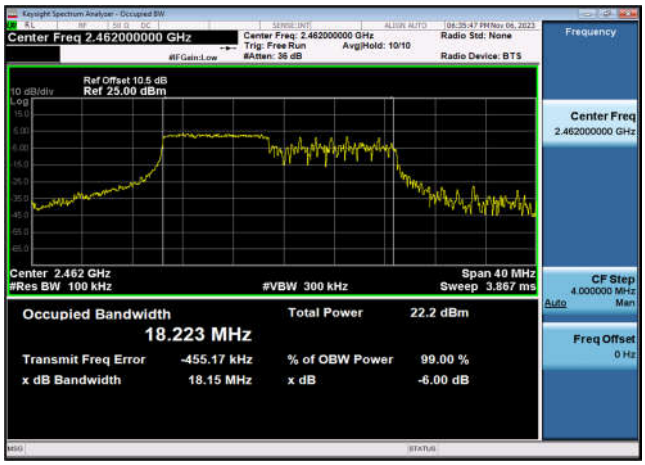
6dB Bandwidth-802.11ax(HE20_RU106_1),2437MHz,Ant7



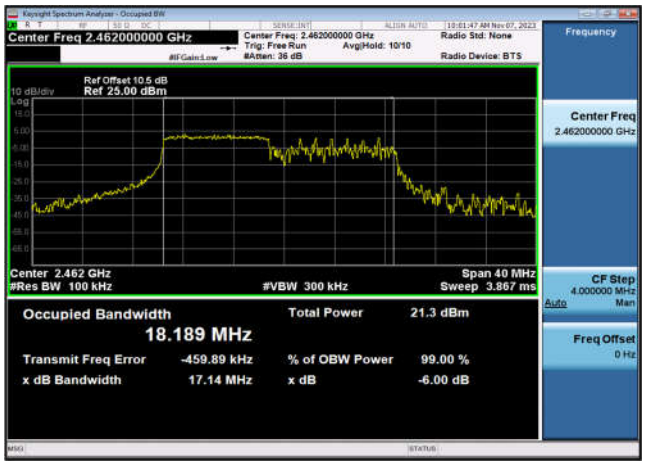
6dB Bandwidth-802.11ax(HE20_RU106_1),2437MHz,Ant6



6dB Bandwidth-802.11ax(HE20_RU106_1),2462MHz,Ant7



6dB Bandwidth-802.11ax(HE20_RU106_1),2462MHz,Ant6



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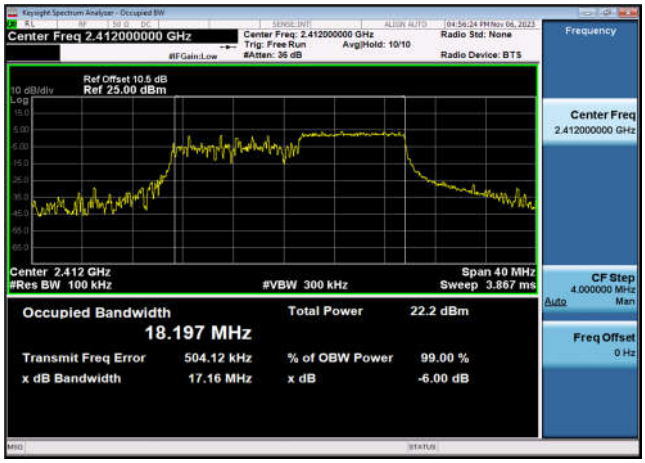
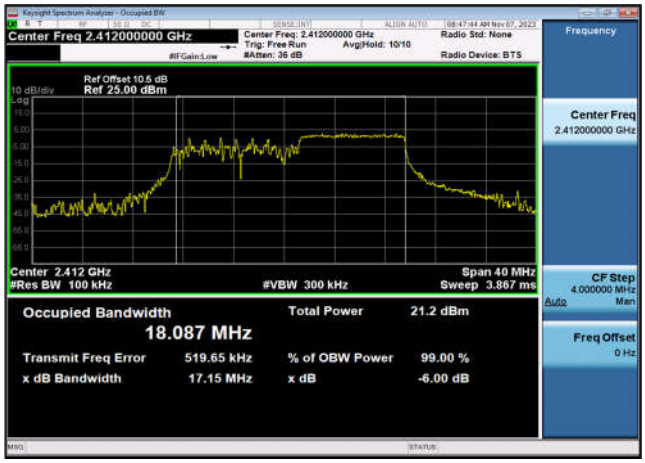
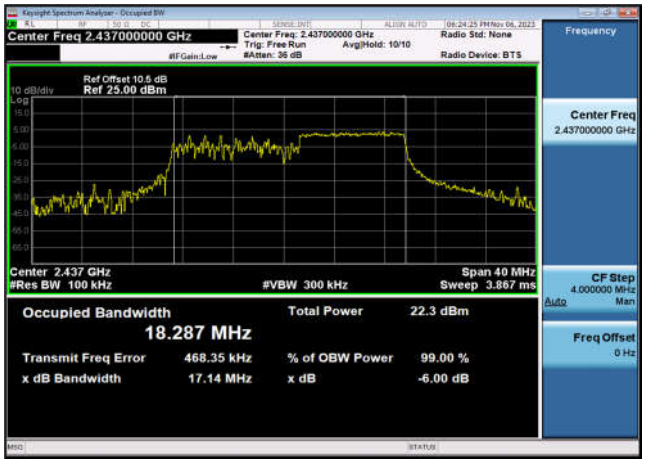


6dB Bandwidth-802.11ax(HE20_RU106_2),2412MHz,Ant6



6dB Bandwidth-802.11ax(HE20_RU106_2),2437MHz,Ant7



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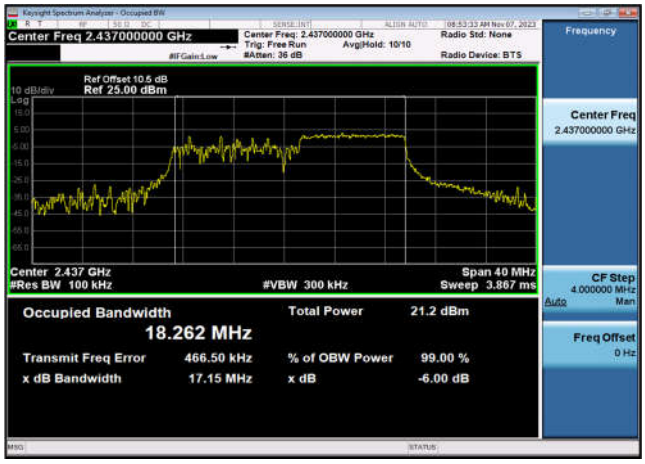
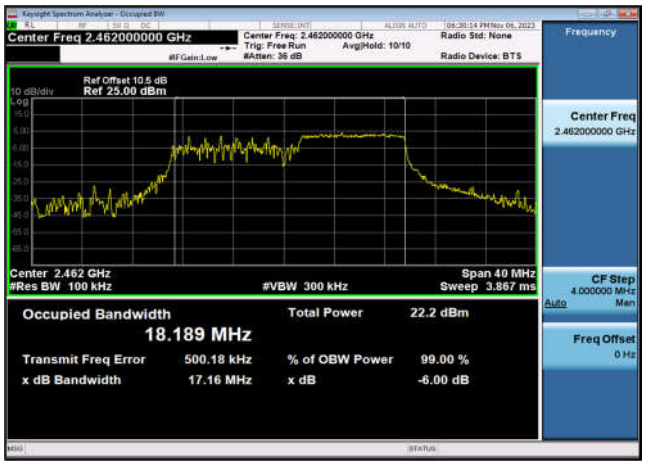
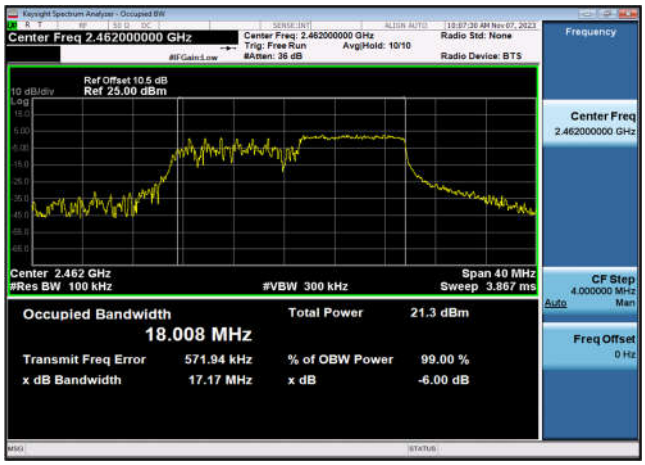
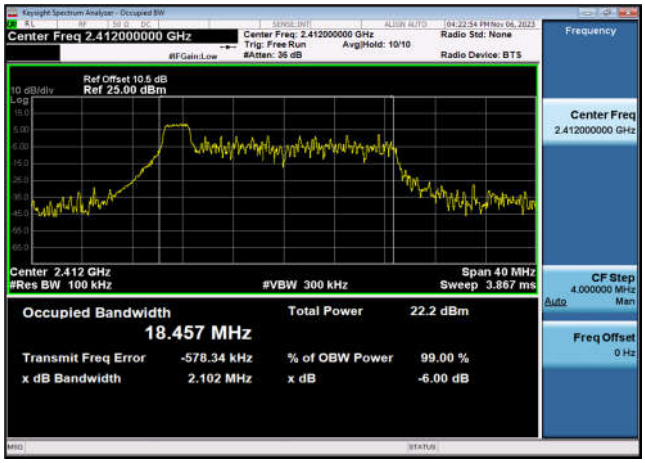
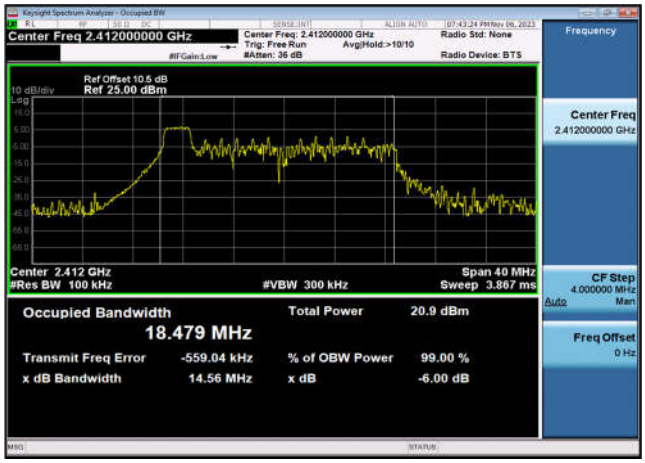
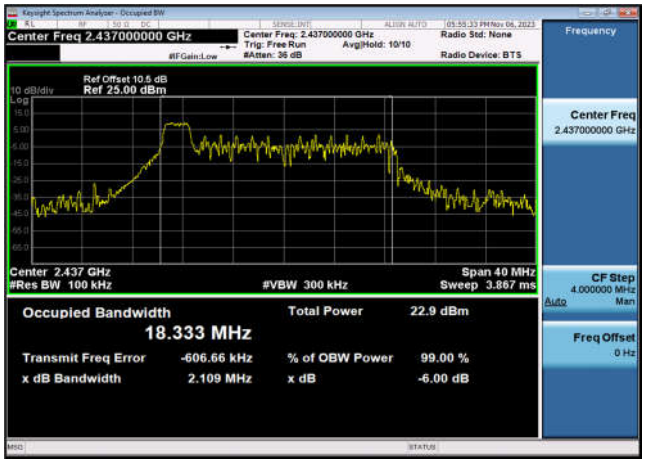
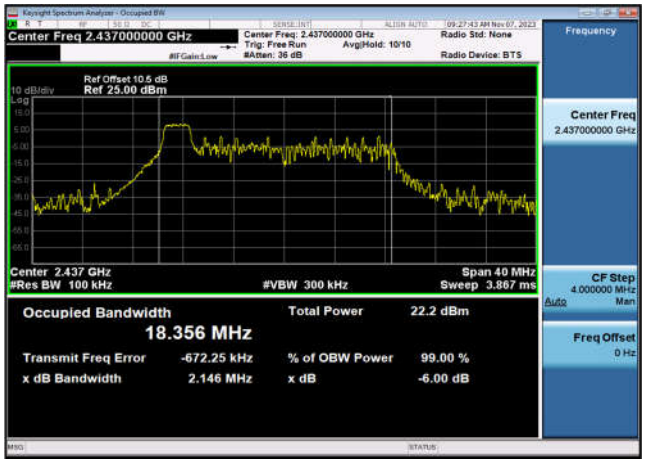


6dB Bandwidth-802.11ax(HE20_RU106_2),2462MHz,Ant7



6dB Bandwidth-802.11ax(HE20_RU106_2),2462MHz,Ant6



6dB Bandwidth-802.11ax(HE20_RU26_1),2412MHz,Ant7	6dB Bandwidth-802.11ax(HE20_RU26_1),2412MHz,Ant6
	
6dB Bandwidth-802.11ax(HE20_RU26_1),2437MHz,Ant7	6dB Bandwidth-802.11ax(HE20_RU26_1),2437MHz,Ant6
	
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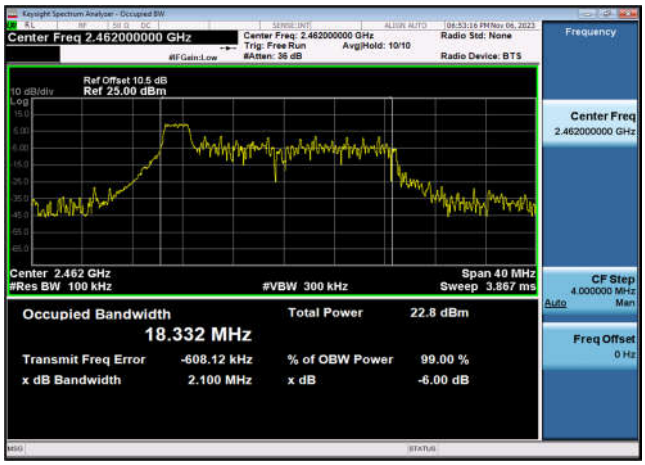
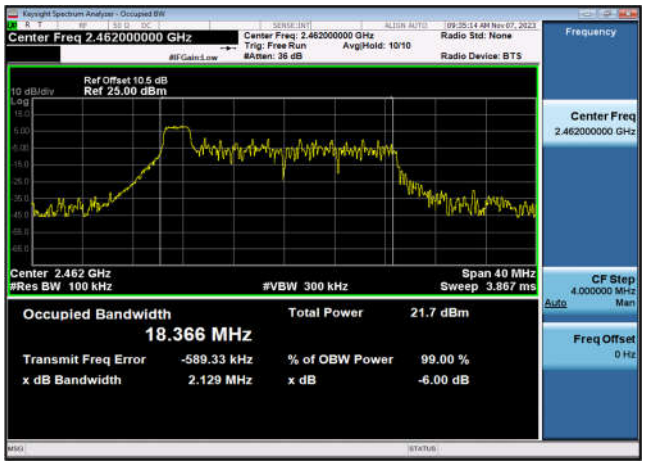
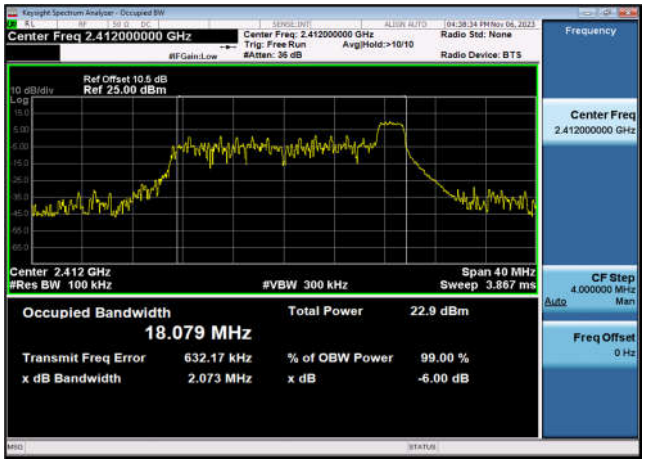
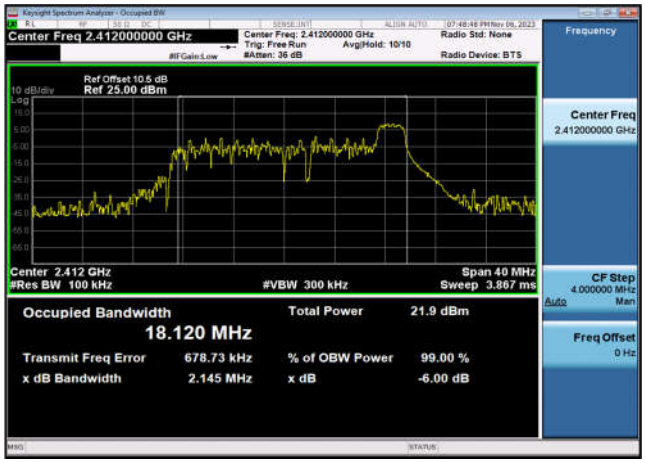
	

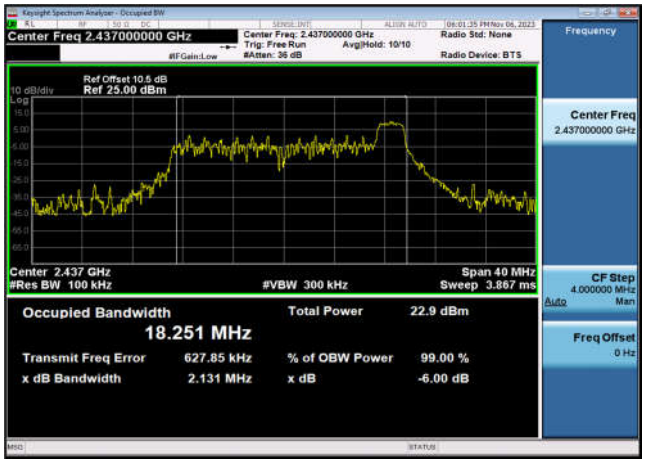
6dB Bandwidth-802.11ax(HE20_RU26_9),2412MHz,Ant7



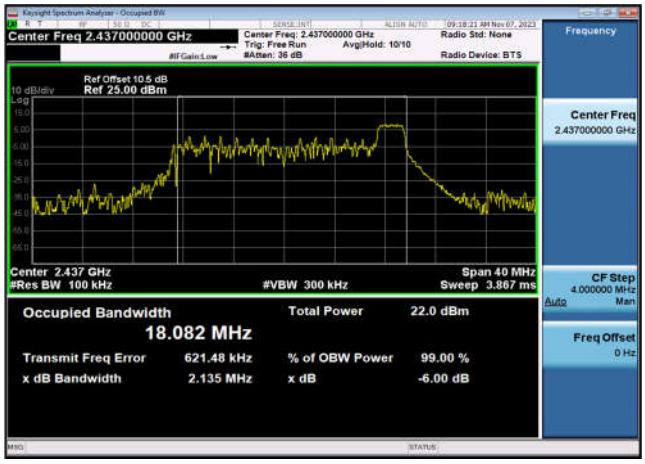
6dB Bandwidth-802.11ax(HE20_RU26_9),2412MHz,Ant6



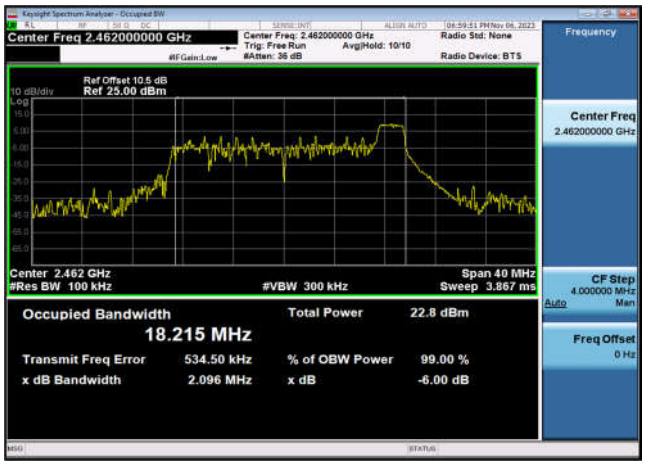
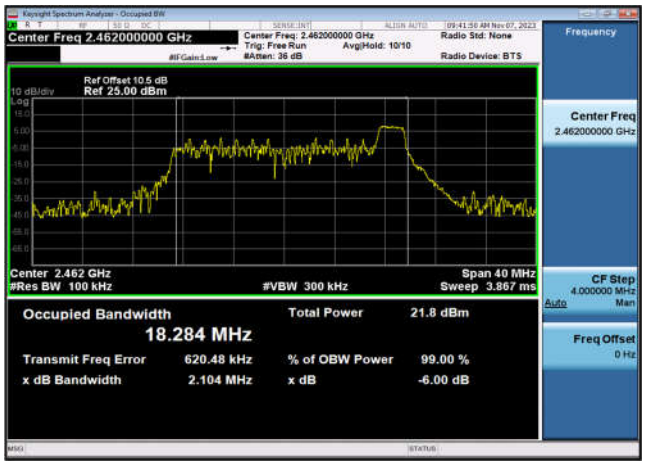
6dB Bandwidth-802.11ax(HE20_RU26_9),2437MHz,Ant7



6dB Bandwidth-802.11ax(HE20_RU26_9),2437MHz,Ant6



6dB Bandwidth-802.11ax(HE20_RU26_9),2462MHz,Ant7



6dB Bandwidth-802.11ax(HE20_RU26_9),2462MHz,Ant6