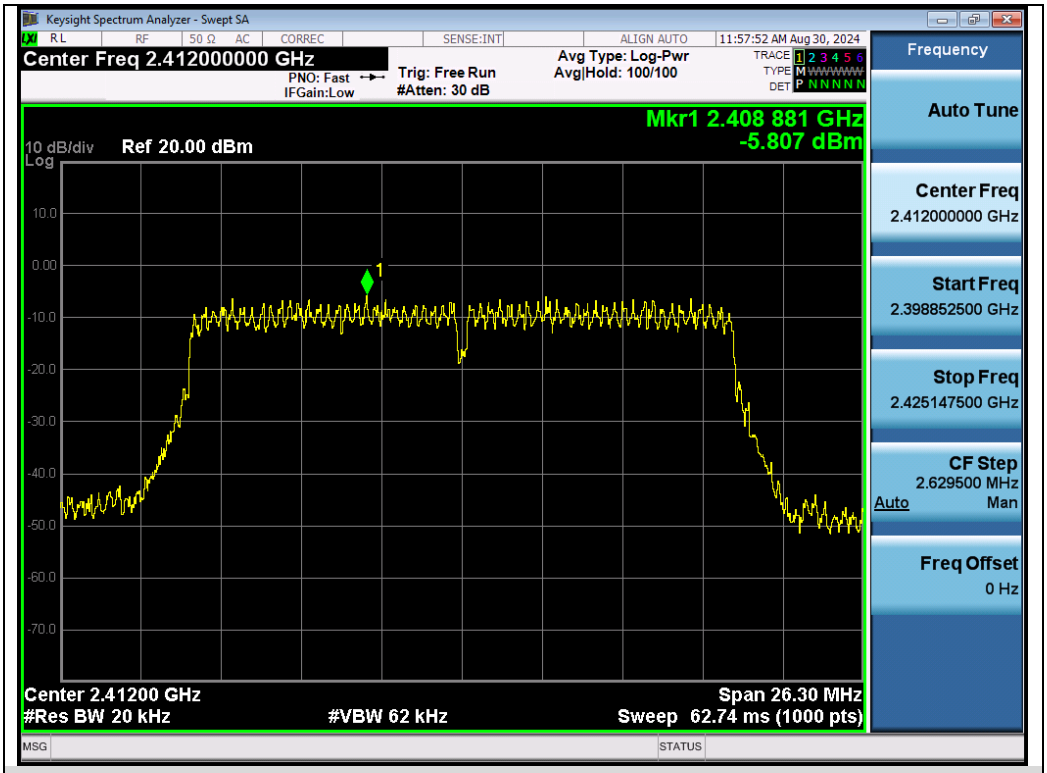
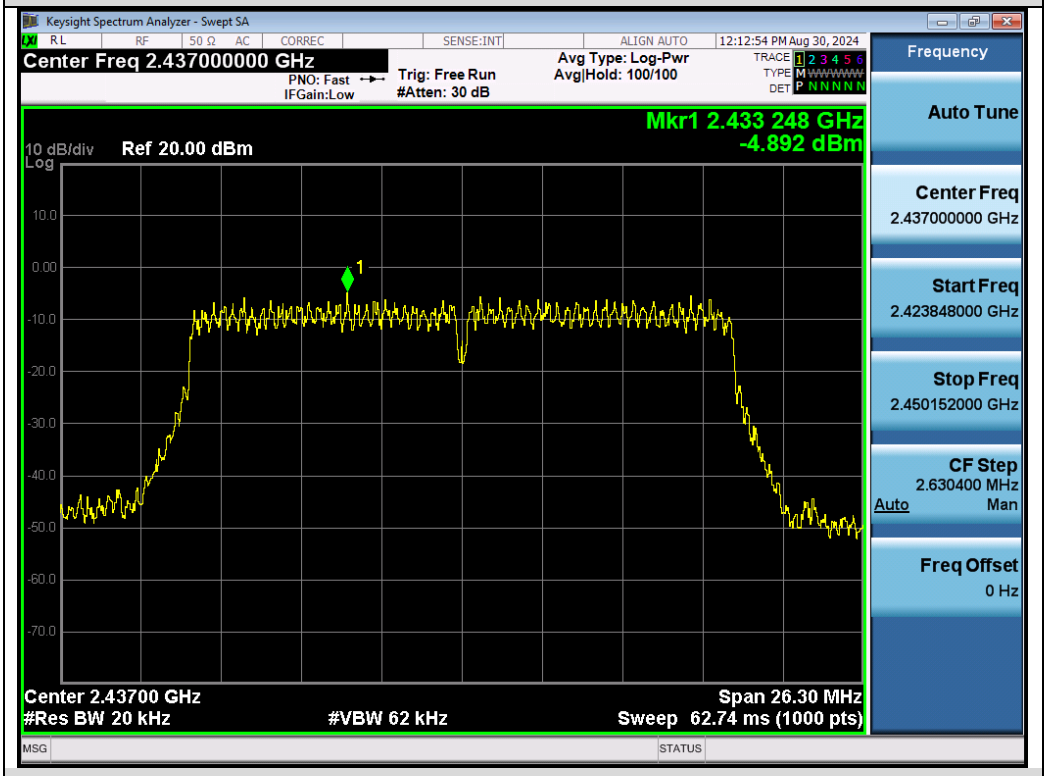
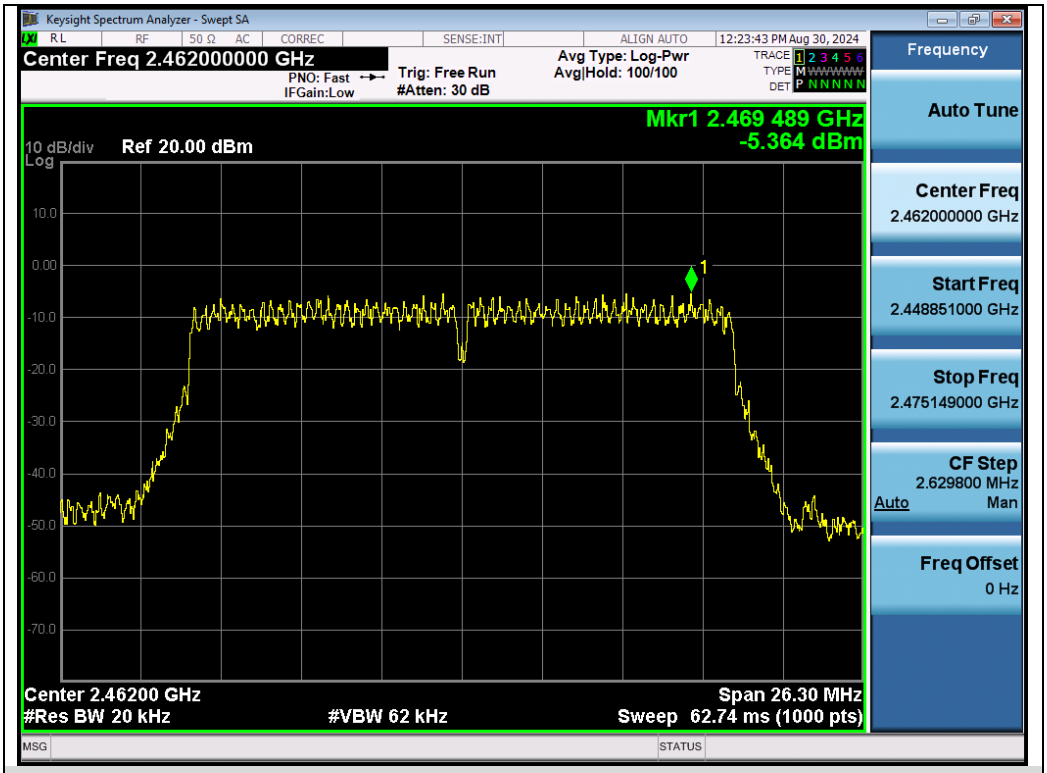


Test_Graph_802.11n20_ANT2_2412_MCS0_PSD



Test_Graph_802.11n20_ANT2_2437_MCS0_PSD



Test_Graph_802.11n20_ANT2_2462_MCS0_PSD

10. Conducted Band Edge and Out-of-Band Emissions

10.1 Provisions Applicable

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

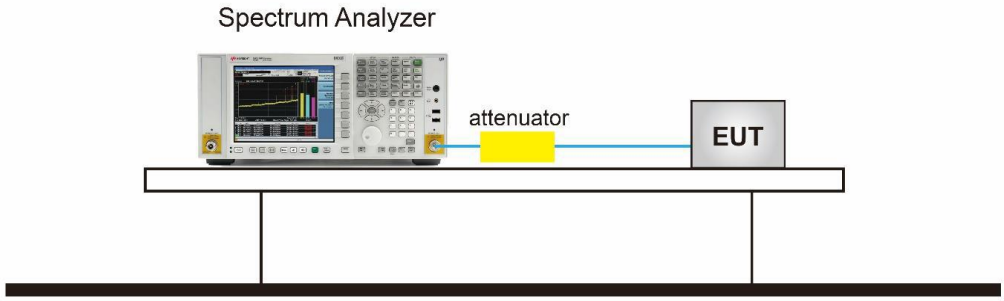
10.2 Measurement Procedure

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
Use the following spectrum analyzer settings:

- Step 1: Measurement Procedure In-Band Reference Level
  1. Set instrument center frequency to DTS channel center frequency.
  2. Set the span to ≥ 1.5 times the DTS bandwidth.
  3. Set the RBW = 100 kHz.
  4. Set the VBW ≥ 3 x RBW.
  5. Detector = peak.
  6. Sweep time = auto couple.
  7. Trace mode = max hold.
  8. Allow trace to fully stabilize.
  9. Use the peak marker function to determine the maximum PSD level.
  10. Note that the channel found to contain the maximum PSD level can be used to establish the reference level.
  11. For reference level values, please refer to DTS bandwidth test.
- Step 2: Measurement Procedure Out of Band Emission
  1. Set RBW = 100 kHz.
  2. Set VBW ≥ 300 kHz.
  3. Detector = peak.
  4. Sweep = auto couple.
  5. Trace Mode = max hold.
  6. Allow trace to fully stabilize.
  7. Use the peak marker function to determine the maximum amplitude level.

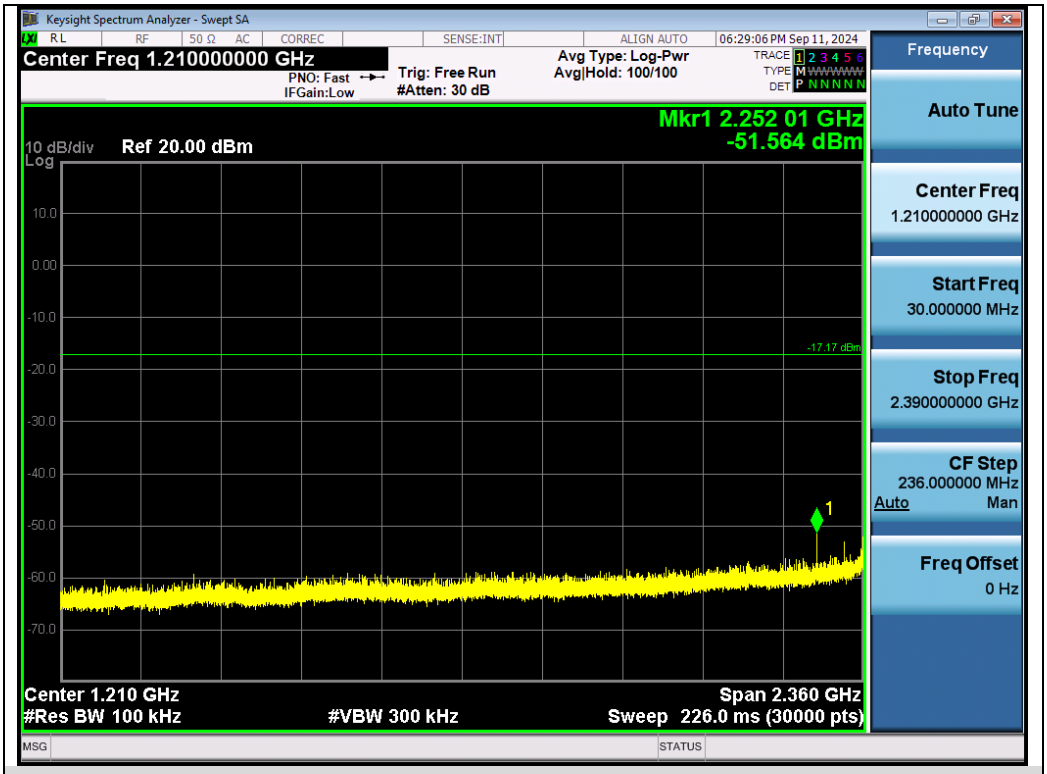
Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

10.3 Measurement Setup (Block Diagram of Configuration)



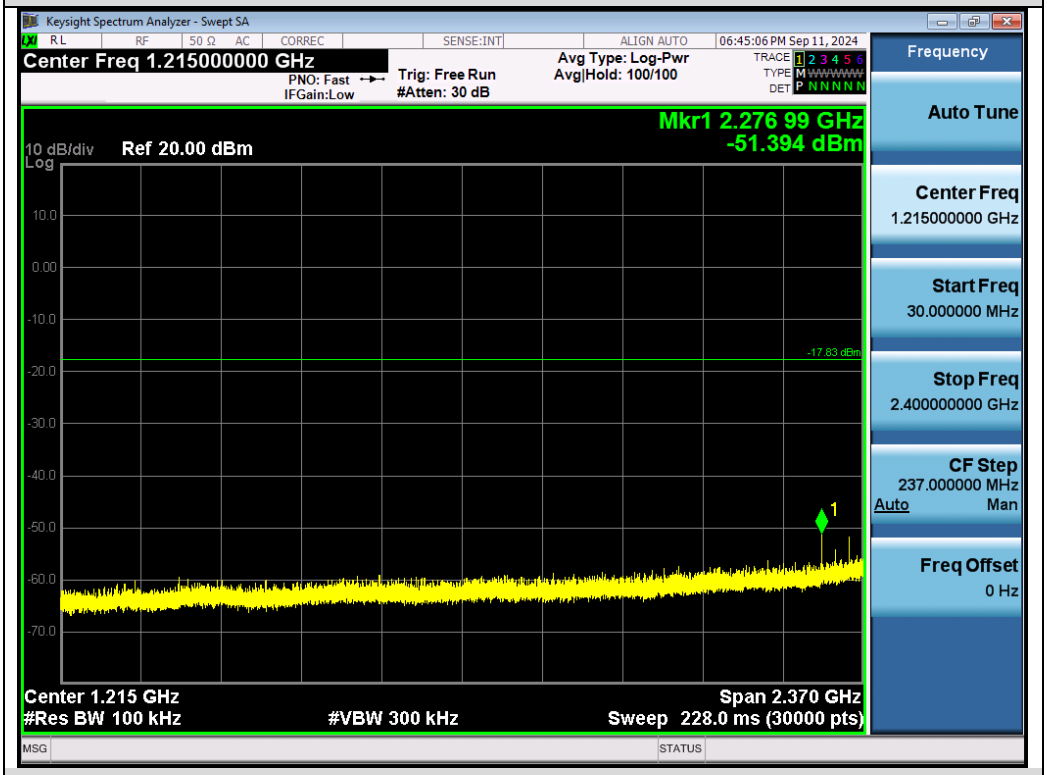
10.4 Measurement Result

Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands-2.4G WIFI (Module: RTL8192FC)



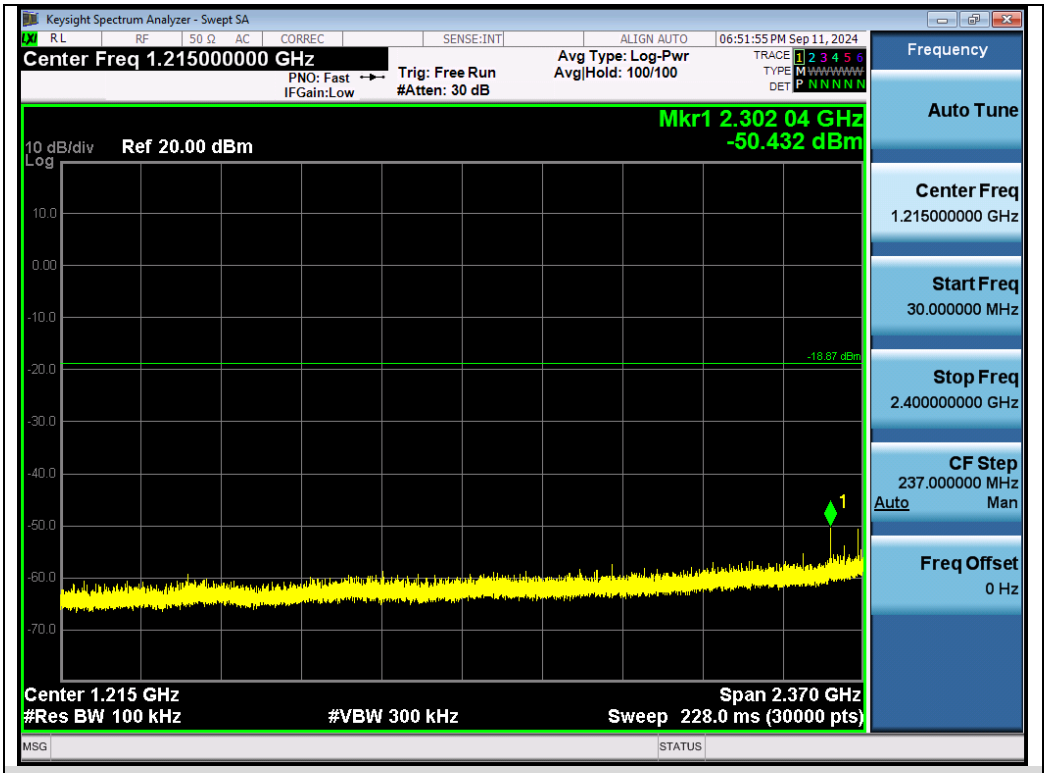
Test_Graph_802.11b_ANT1_2412_1Mbps_Lower Band Emissions

Test_Graph_802.11b_ANT1_2412_1Mbps_Higher Band Emissions



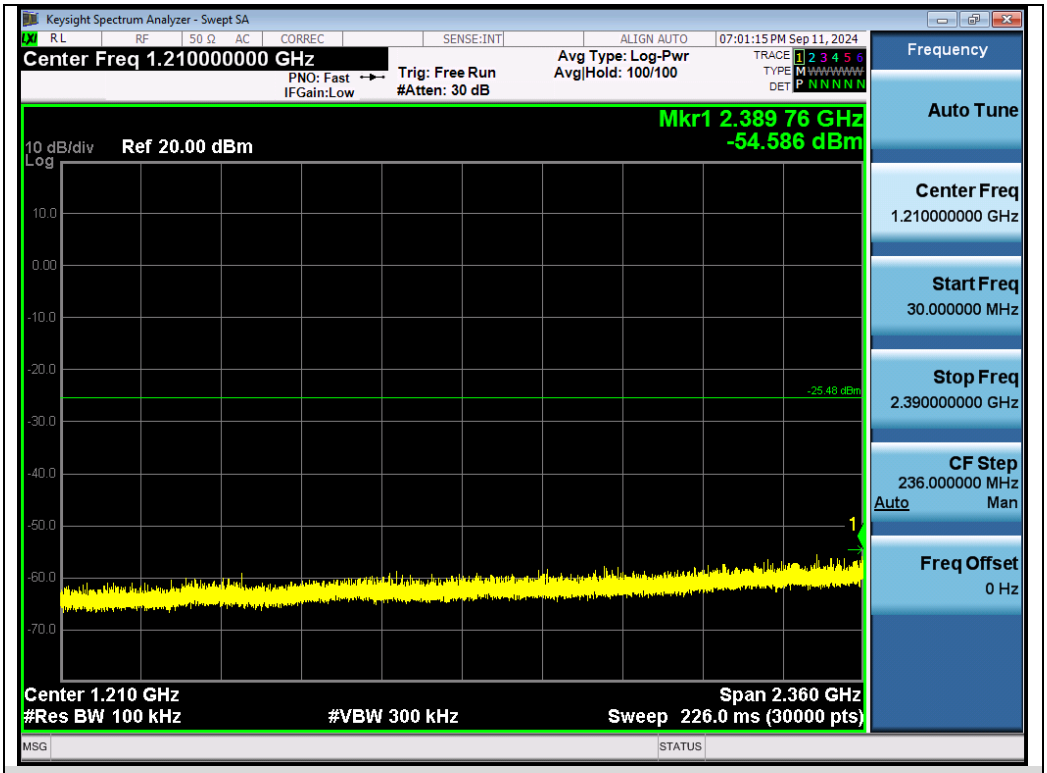
Test_Graph_802.11b_ANT1_2437_1Mbps_Lower Band Emissions

Test_Graph_802.11b_ANT1_2437_1Mbps_Higher Band Emissions



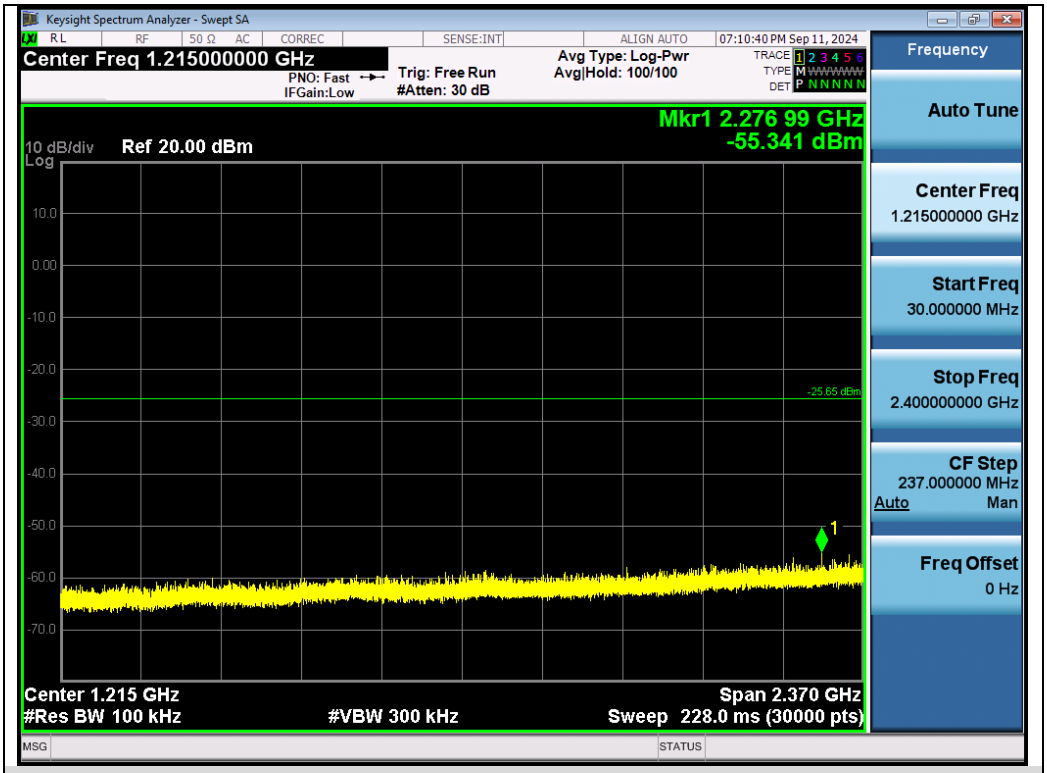
Test_Graph_802.11b_ANT1_2462_1Mbps_Lower Band Emissions

Test_Graph_802.11b_ANT1_2462_1Mbps_Higher Band Emissions



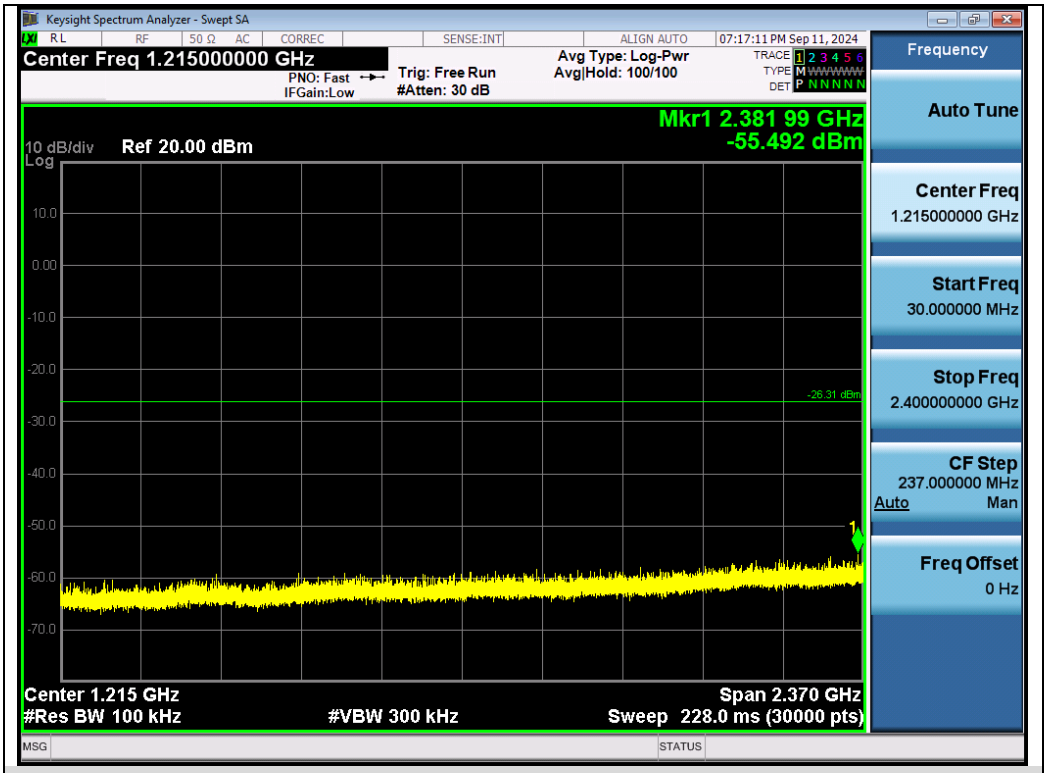
Test_Graph_802.11g_ANT1_2412_6Mbps_Lower Band Emissions

Test_Graph_802.11g_ANT1_2412_6Mbps_Higher Band Emissions



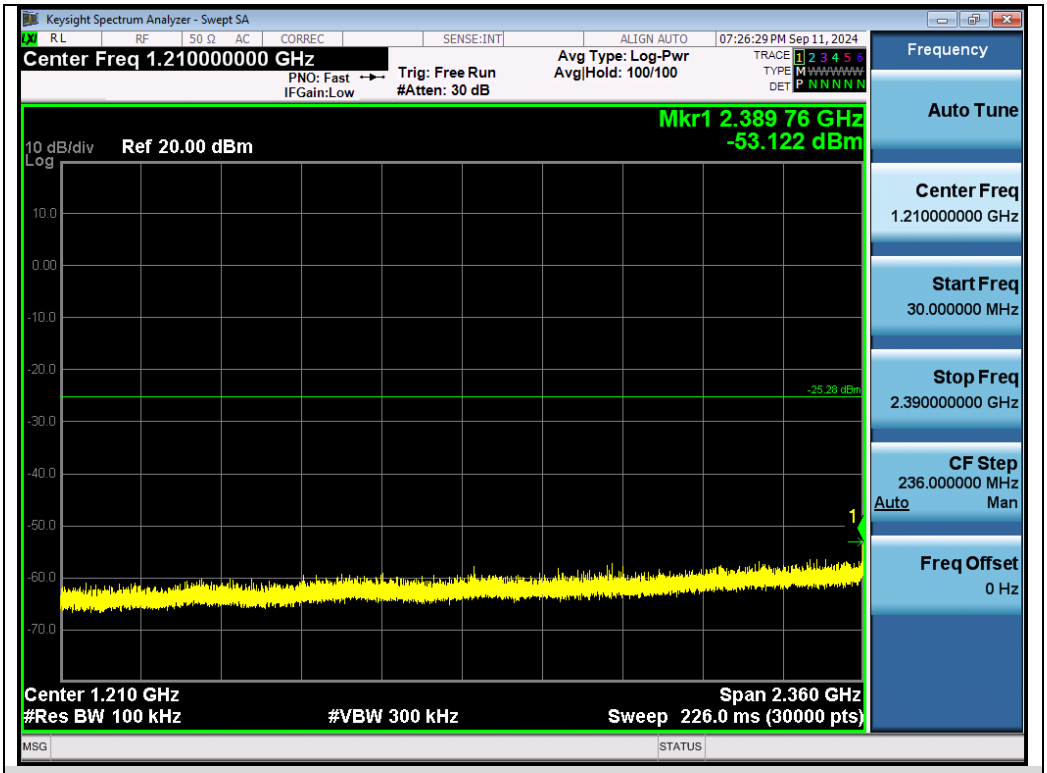
Test_Graph_802.11g_ANT1_2437_6Mbps_Lower Band Emissions

Test_Graph_802.11g_ANT1_2437_6Mbps_Higher Band Emissions



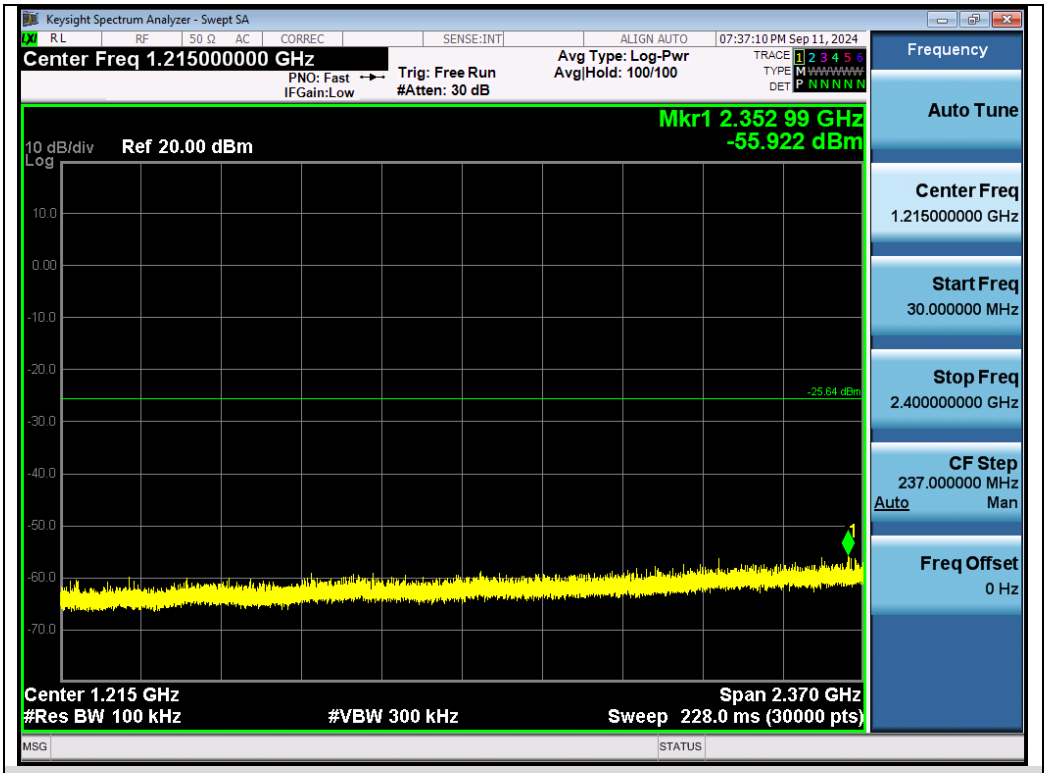
Test_Graph_802.11g_ANT1_2462_6Mbps_Lower Band Emissions

Test_Graph_802.11g_ANT1_2462_6Mbps_Higher Band Emissions



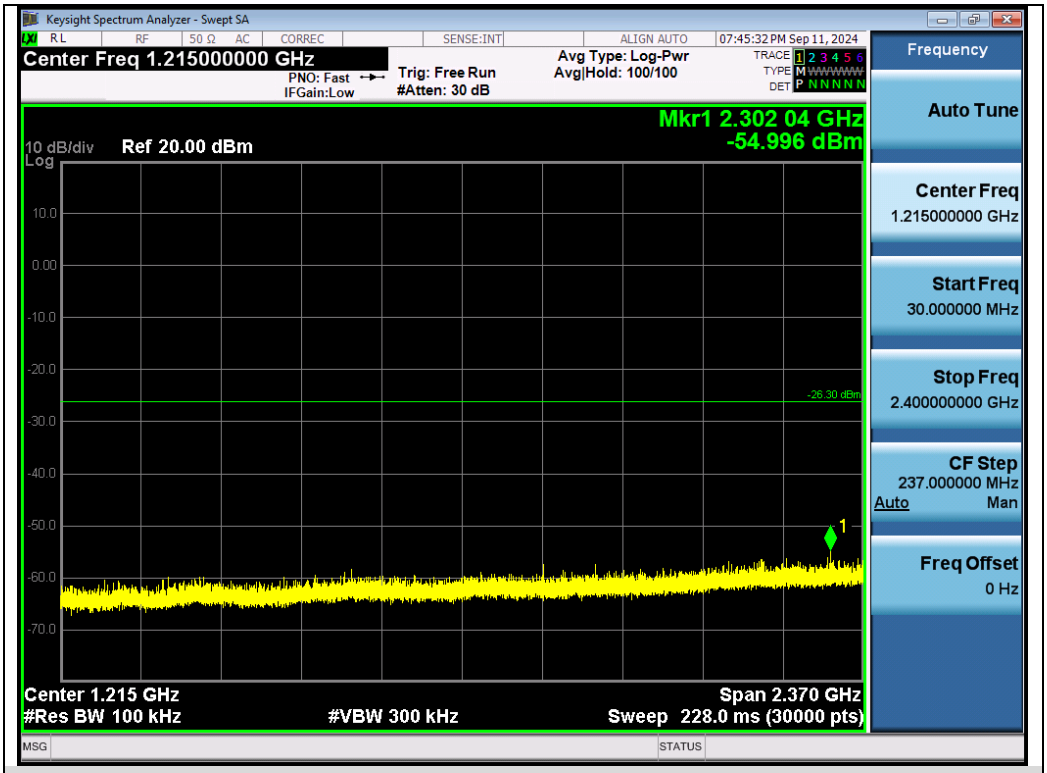
Test_Graph_802.11n20_ANT1_2412_MCS0_Lower Band Emissions

Test_Graph_802.11n20_ANT1_2412_MCS0_Higher Band Emissions



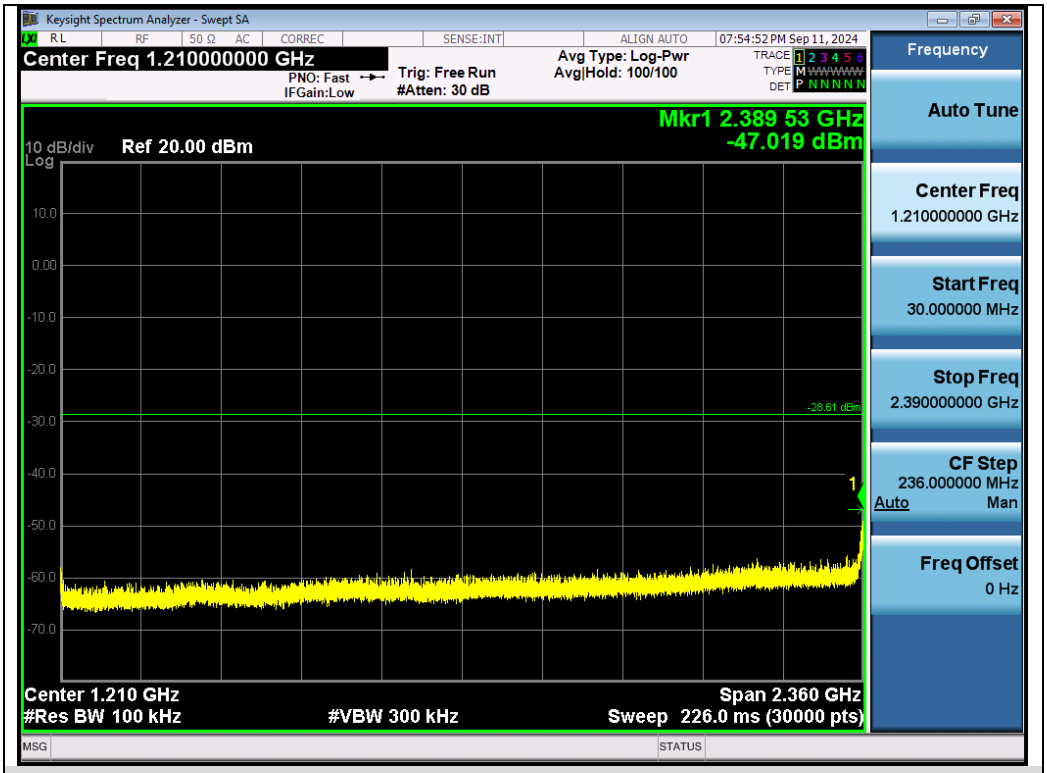
Test_Graph_802.11n20_ANT1_2437_MCS0_Lower Band Emissions

Test_Graph_802.11n20_ANT1_2437_MCS0_Higher Band Emissions



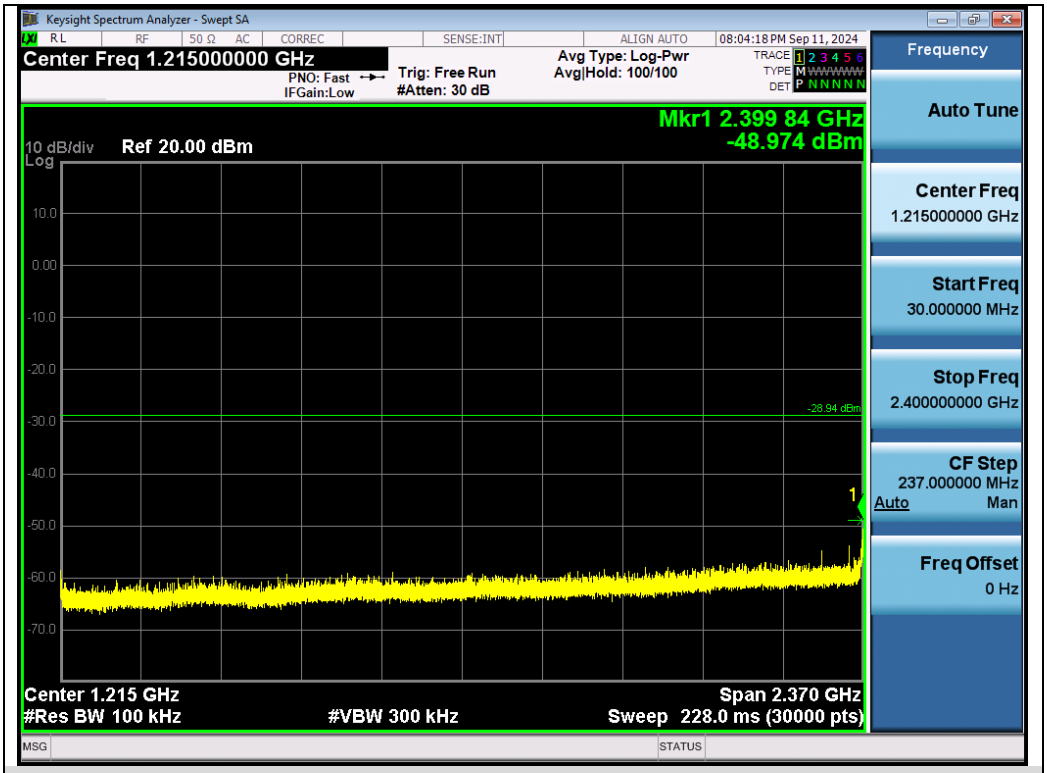
Test_Graph_802.11n20_ANT1_2462_MCS0_Lower Band Emissions

Test_Graph_802.11n20_ANT1_2462_MCS0_Higher Band Emissions



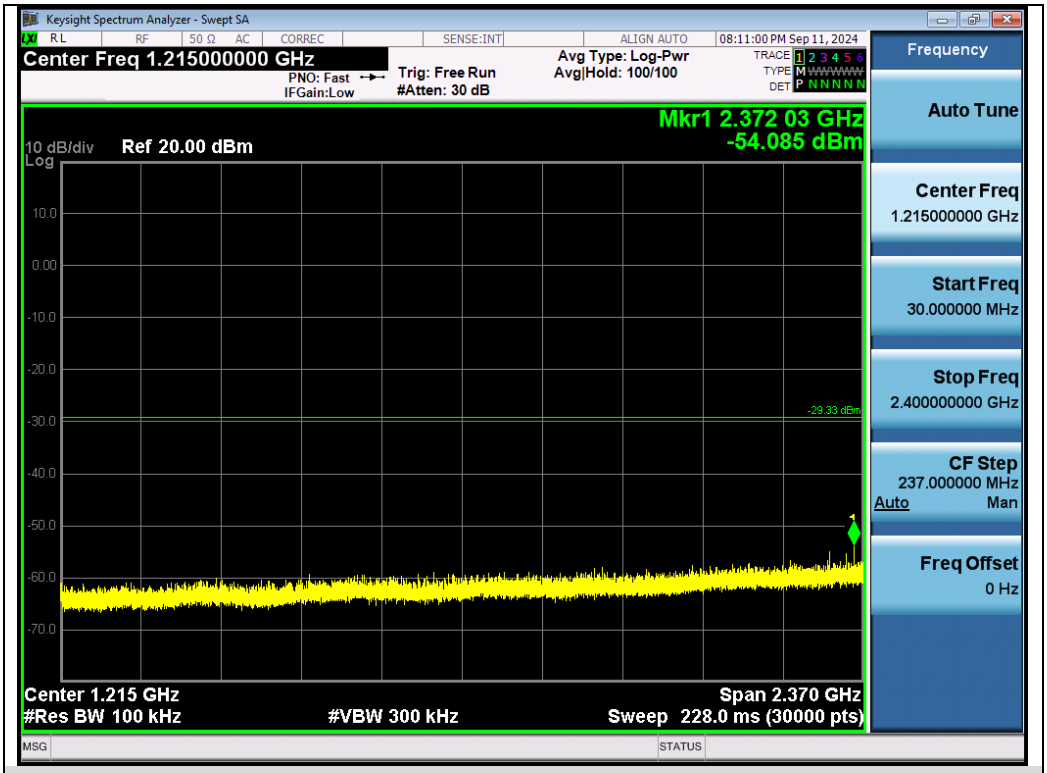
Test_Graph_802.11n40_ANT1_2422_MCS0_Lower Band Emissions

Test_Graph_802.11n40_ANT1_2422_MCS0_Higher Band Emissions



Test_Graph_802.11n40_ANT1_2437_MCS0_Lower Band Emissions

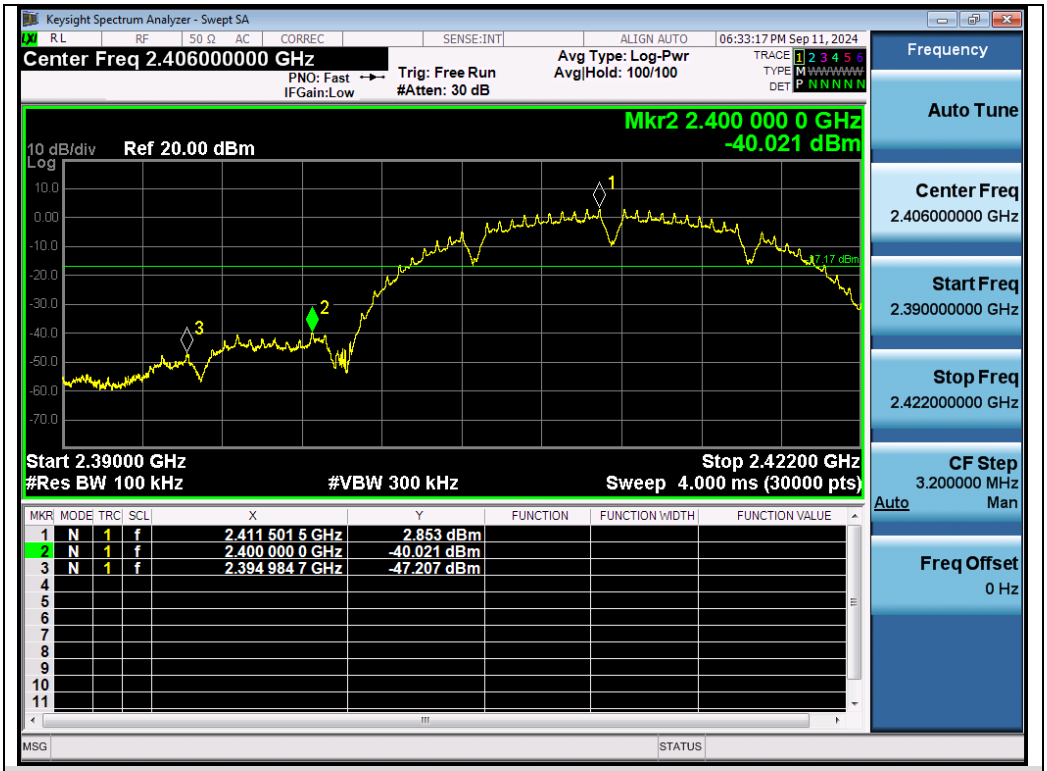
Test_Graph_802.11n40_ANT1_2437_MCS0_Higher Band Emissions



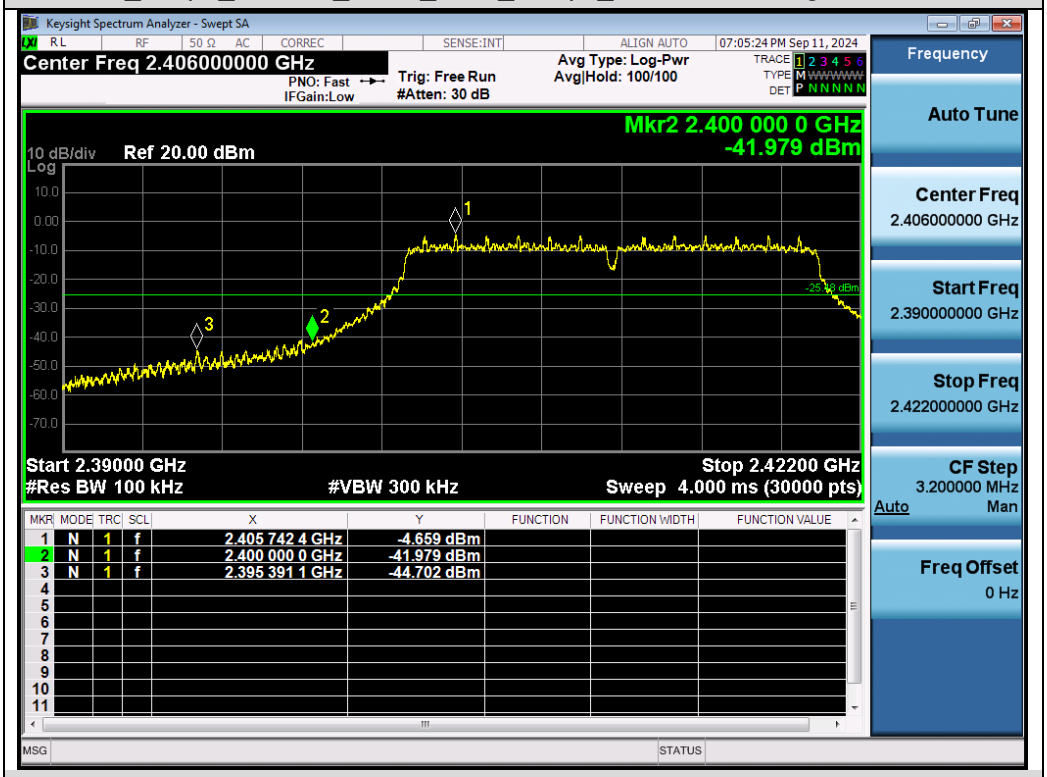
Test_Graph_802.11n40_ANT1_2452_MCS0_Lower Band Emissions

Test_Graph_802.11n40_ANT1_2452_MCS0_Higher Band Emissions

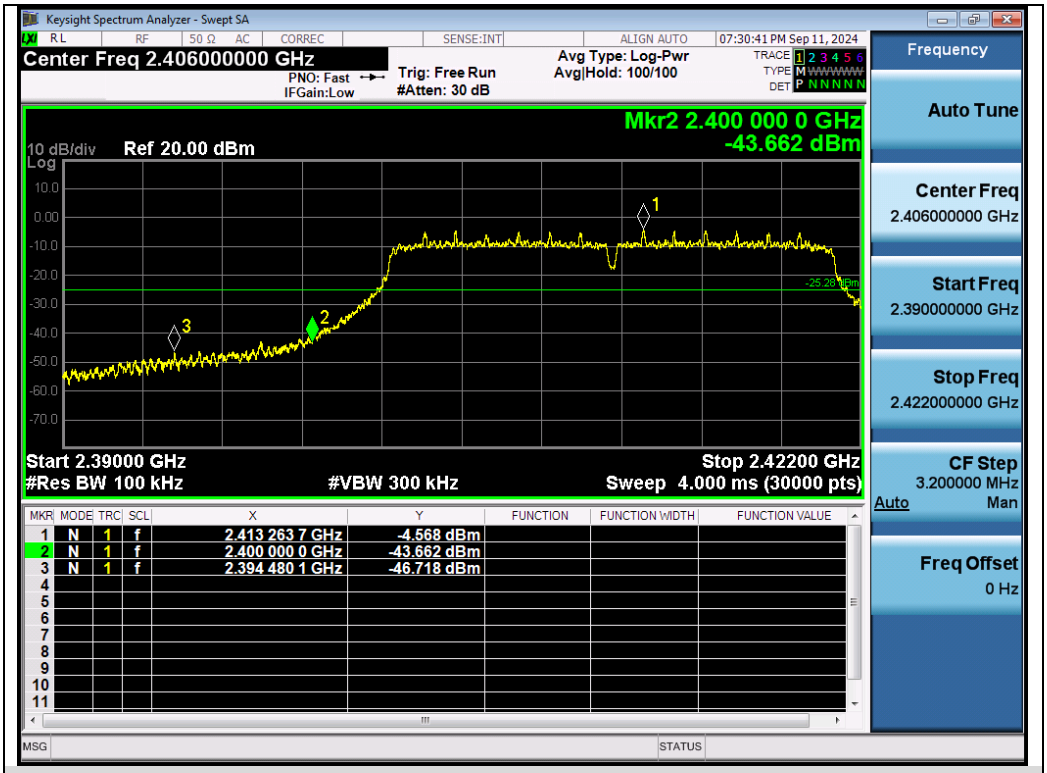
Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands-2.4G WIFI (Module: RTL8192FC)



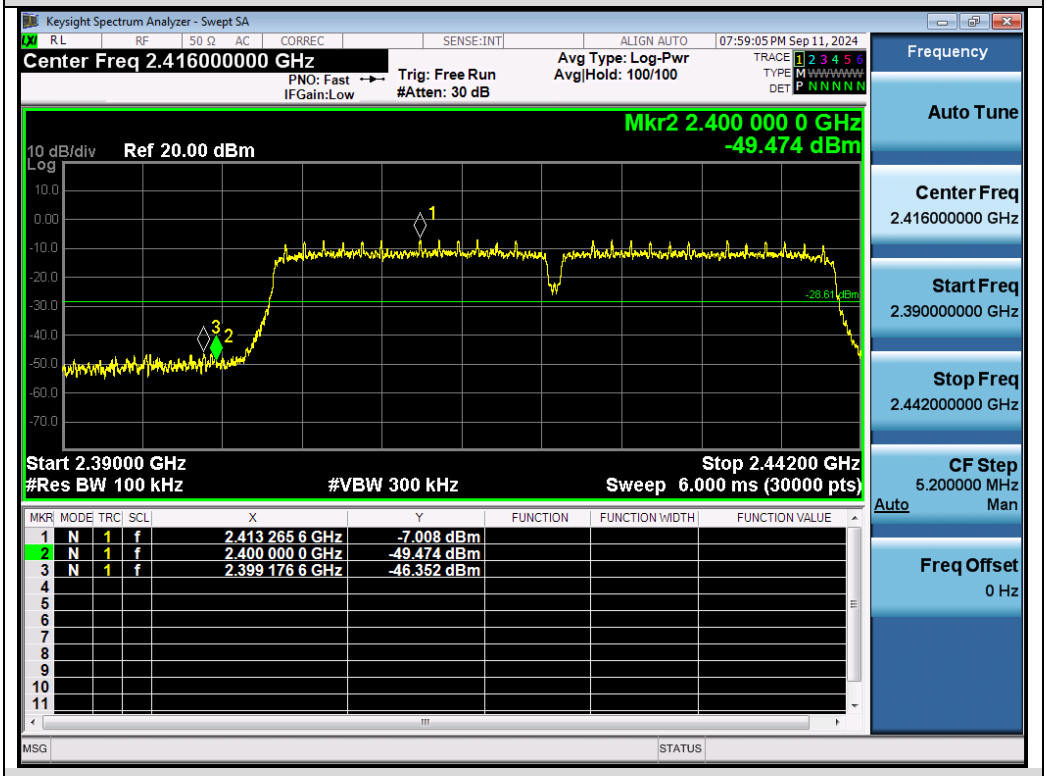
Test_Graph_802.11b_ANT1_2412_1Mbps_Lower Band Edge Emissions



Test_Graph_802.11g_ANT1_2412_6Mbps_Lower Band Edge Emissions

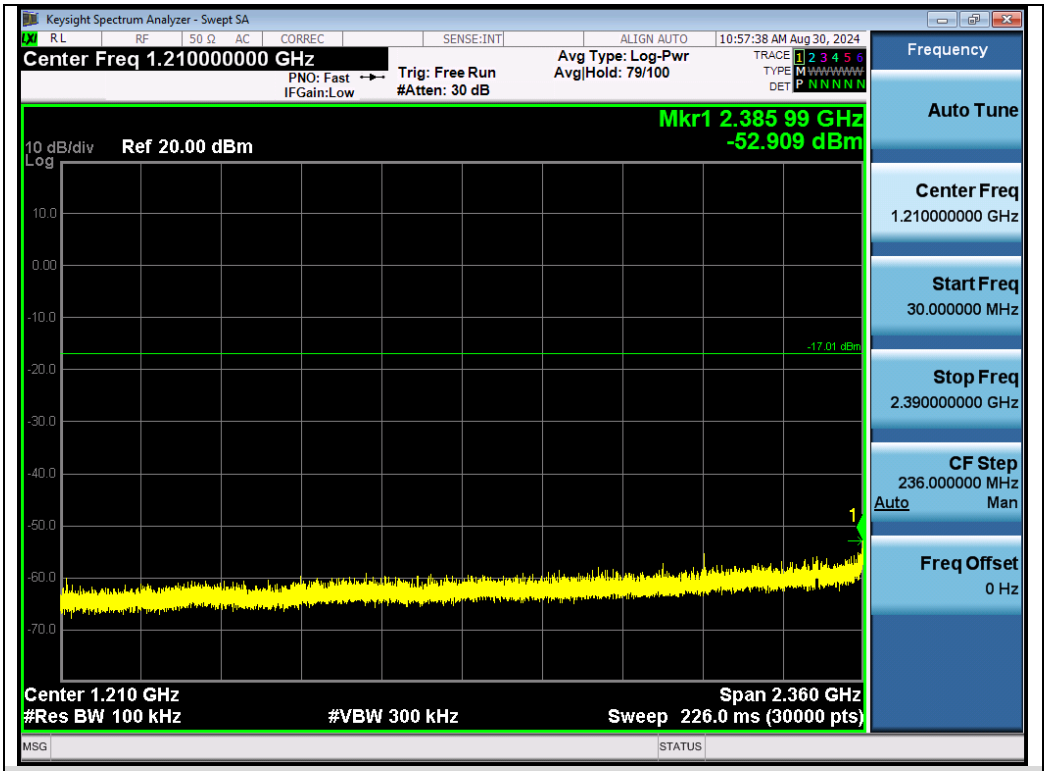


Test_Graph_802.11n20_ANT1_2412_MCS0_Lower Band Edge Emissions



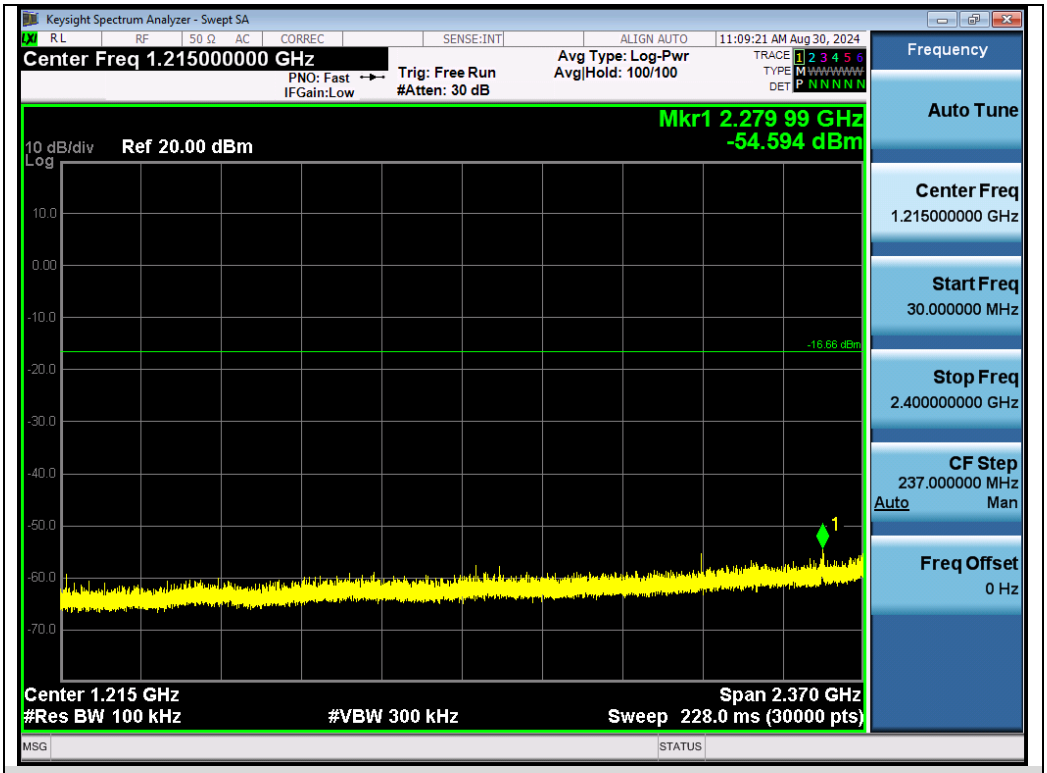
Test_Graph_802.11n40_ANT1_2422_MCS0_Lower Band Edge Emissions

Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands-2.4G WIFI (Module: ATBM6012B)



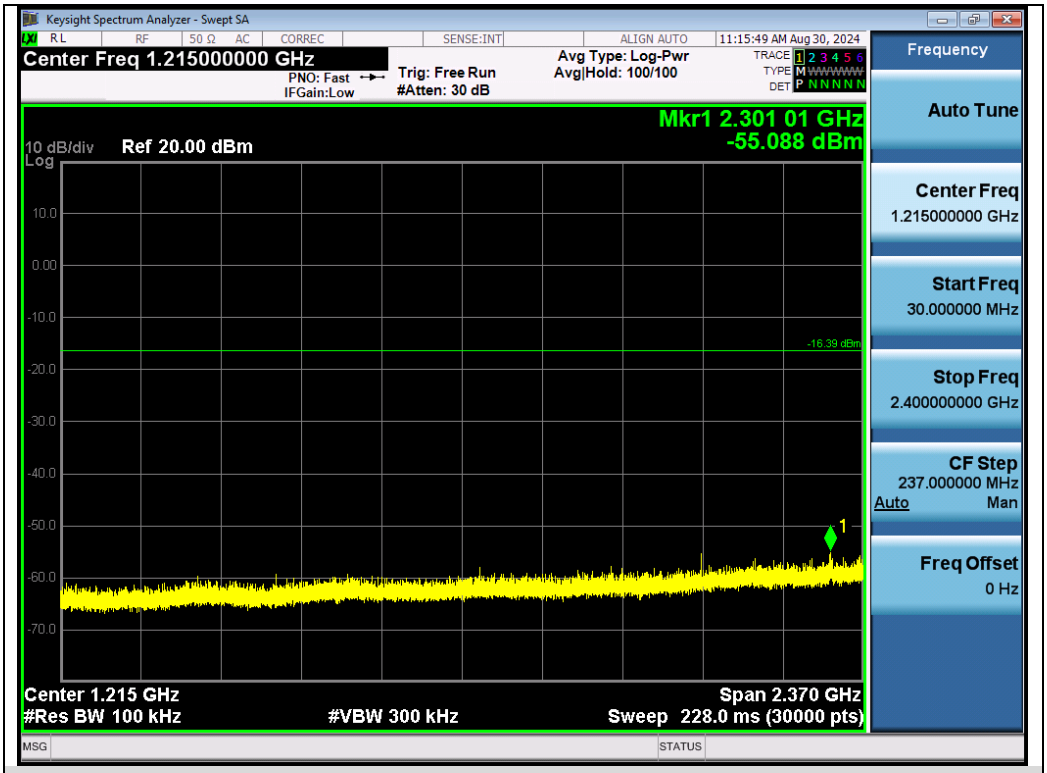
Test_Graph_802.11b_ANT2_2412_1Mbps_Lower Band Emissions

Test_Graph_802.11b_ANT2_2412_1Mbps_Higher Band Emissions



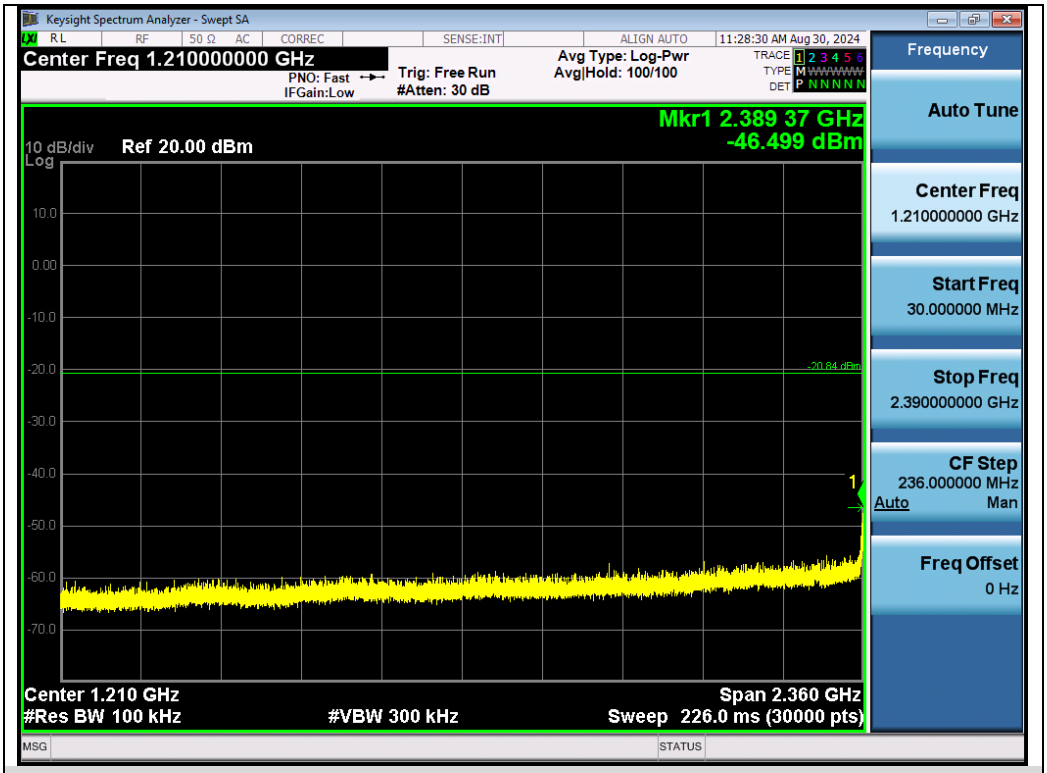
Test_Graph_802.11b_ANT2_2437_1Mbps_Lower Band Emissions

Test_Graph_802.11b_ANT2_2437_1Mbps_Higher Band Emissions



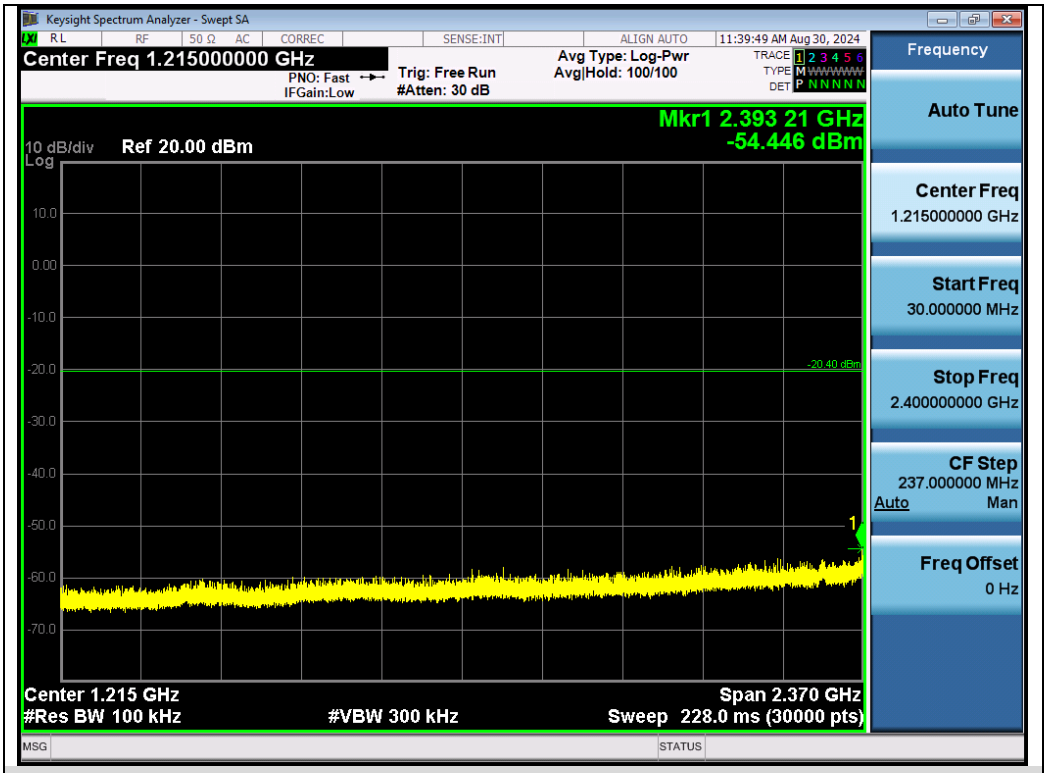
Test_Graph_802.11b_ANT2_2462_1Mbps_Lower Band Emissions

Test_Graph_802.11b_ANT2_2462_1Mbps_Higher Band Emissions



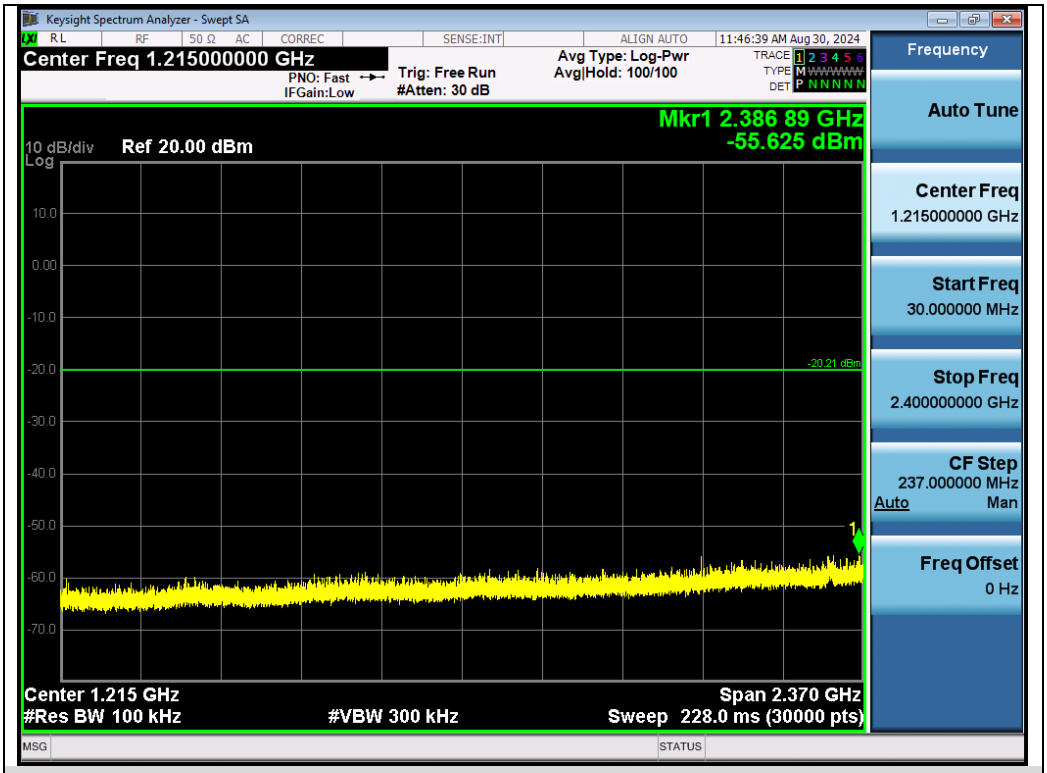
Test_Graph_802.11g_ANT2_2412_6Mbps_Lower Band Emissions

Test_Graph_802.11g_ANT2_2412_6Mbps_Higher Band Emissions



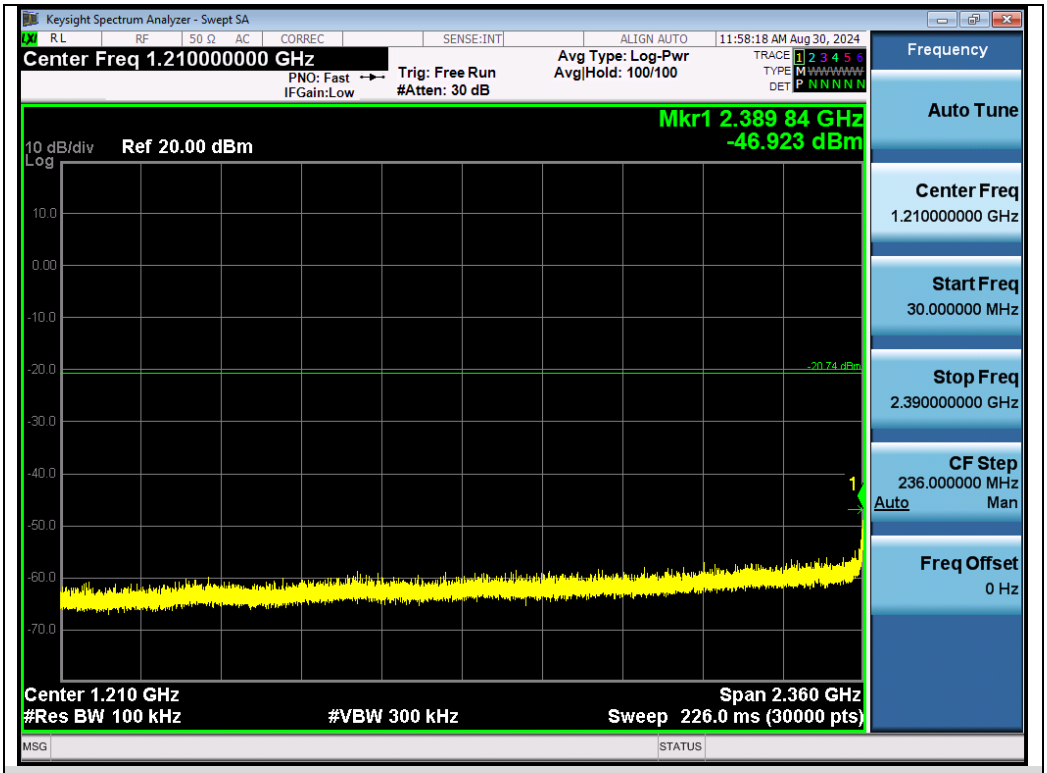
Test_Graph_802.11g_ANT2_2437_6Mbps_Lower Band Emissions

Test_Graph_802.11g_ANT2_2437_6Mbps_Higher Band Emissions



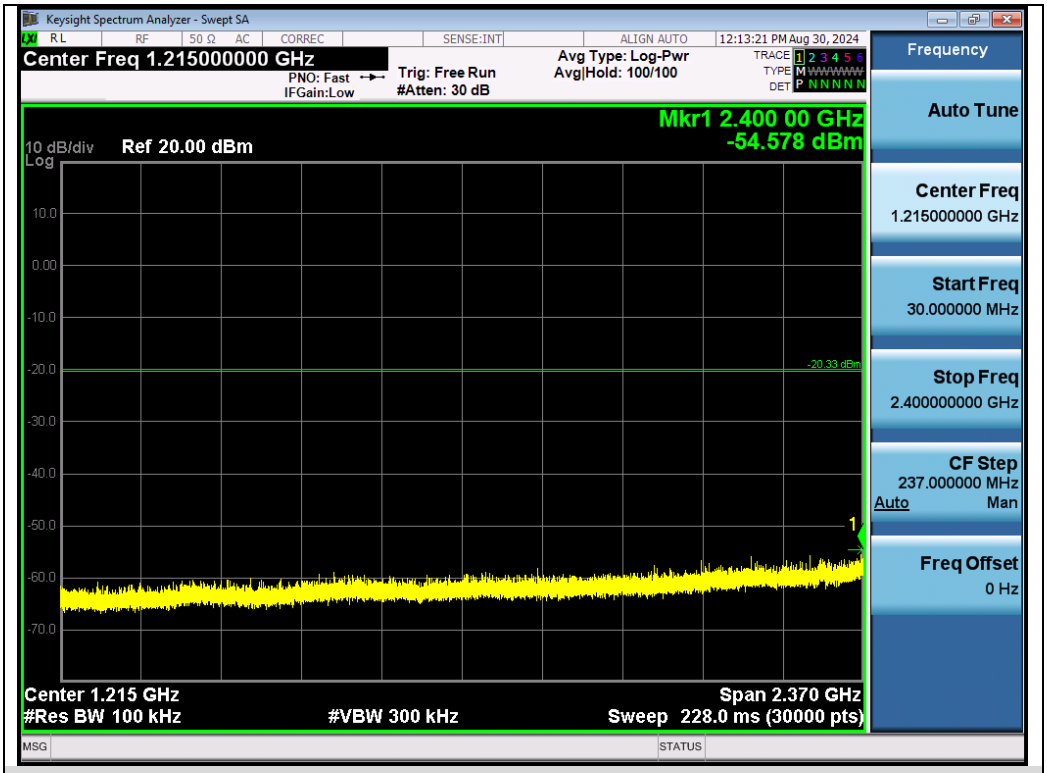
Test_Graph_802.11g_ANT2_2462_6Mbps_Lower Band Emissions

Test_Graph_802.11g_ANT2_2462_6Mbps_Higher Band Emissions



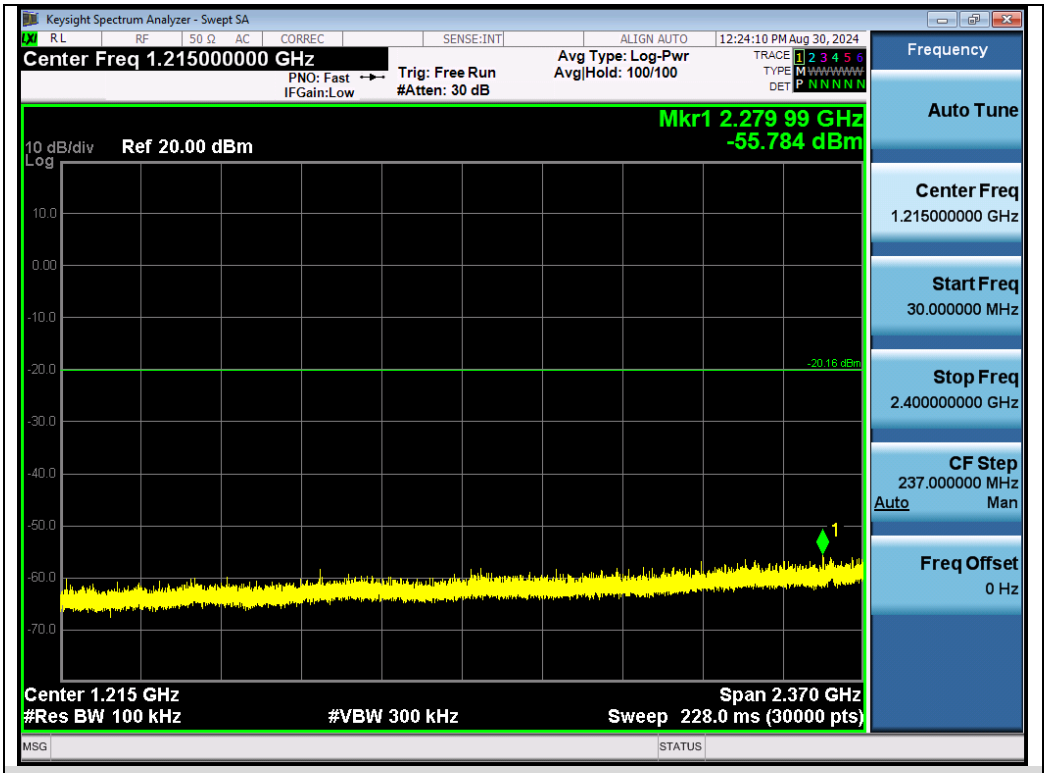
Test_Graph_802.11n20_ANT2_2412_MCS0_Lower Band Emissions

Test_Graph_802.11n20_ANT2_2412_MCS0_Higher Band Emissions



Test_Graph_802.11n20_ANT2_2437_MCS0_Lower Band Emissions

Test_Graph_802.11n20_ANT2_2437_MCS0_Higher Band Emissions

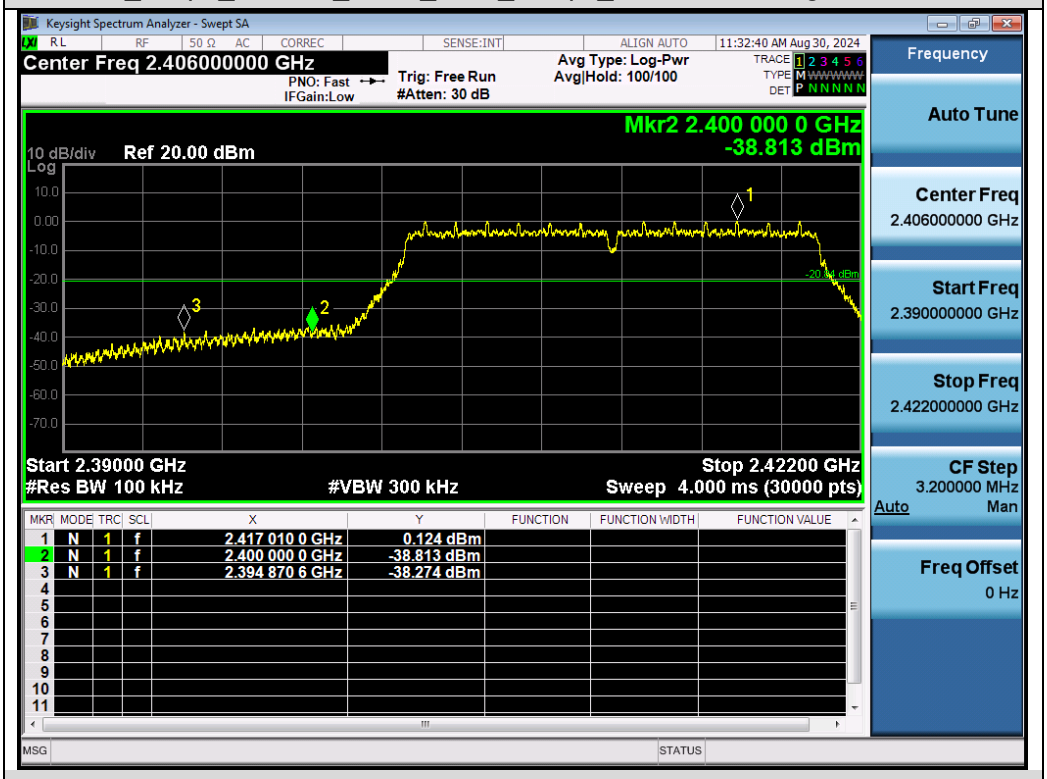


Test_Graph_802.11n20_ANT2_2462_MCS0_Lower Band Emissions

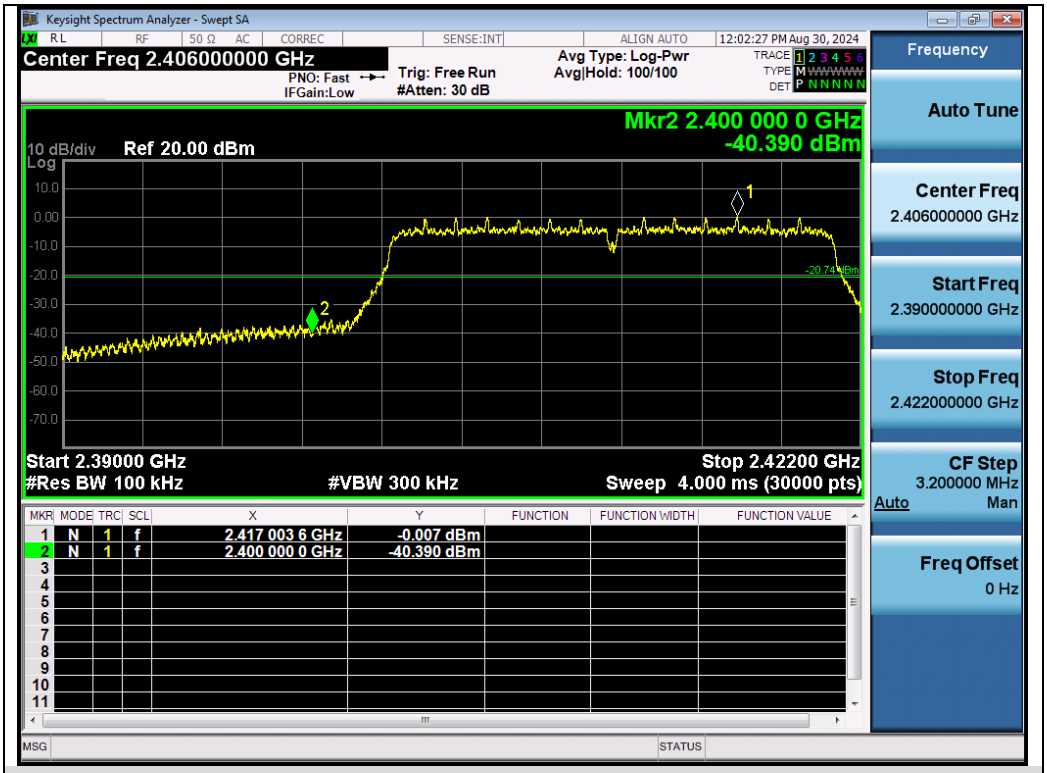
Test_Graph_802.11n20_ANT2_2462_MCS0_Higher Band Emissions

Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands-2.4G WIFI (Module: ATBM6012B)

Test_Graph_802.11b_ANT2_2412_1Mbps_Lower Band Edge Emissions



Test_Graph_802.11g_ANT2_2412_6Mbps_Lower Band Edge Emissions



Test_Graph_802.11n20_ANT2_2412_MCS0_Lower Band Edge Emissions

11. Radiated Spurious Emission

11.1 Measurement Limits

15.209(a) Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

11.2 Measurement Procedure

1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. 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.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds.

As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.

8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

◆ The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9kHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP
Start ~Stop Frequency	1GHz~26.5GHz 1MHz/3MHz for Peak, 1MHz/3MHz for Average

Receiver Parameter	Setting
Start ~Stop Frequency	9kHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP

- **Quasi-Peak Measurements below 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as shown in the table above
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

- **Peak Measurements above 1GHz**

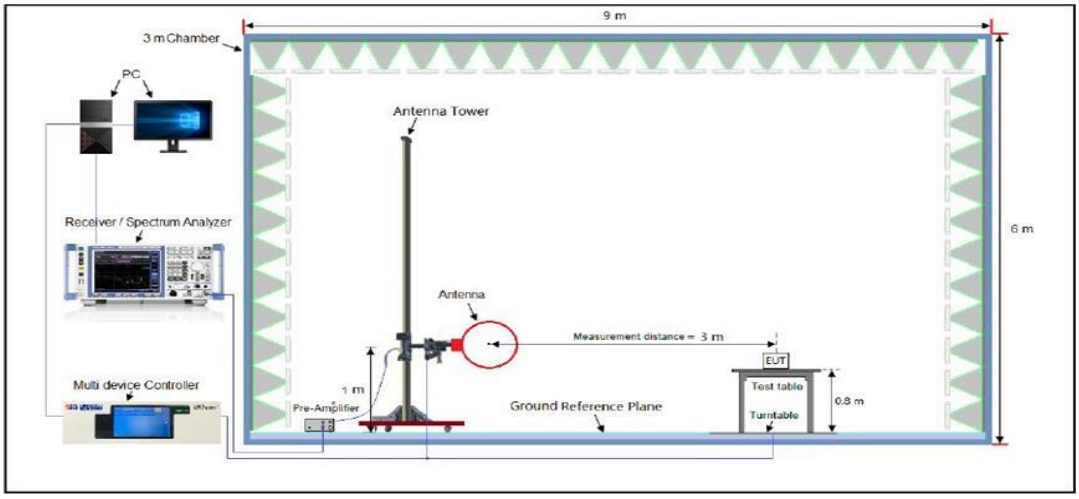
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

- **Average Measurements above 1GHz**

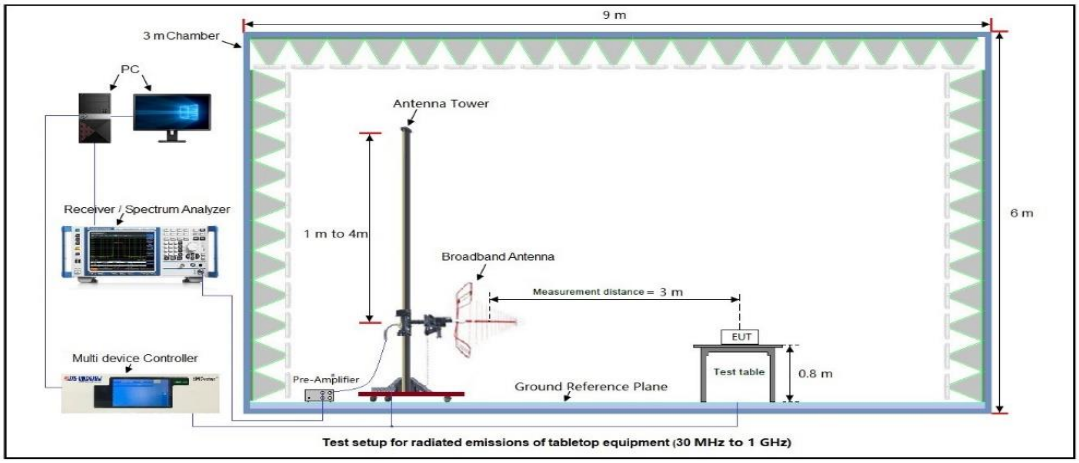
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ [3 × RBW]
4. Detector = Power averaging (rms)
5. Averaging type = power (i.e., rms)
6. Sweep time = auto
7. Perform a trace average of at least 100 traces.
8. The applicable correction factor is [10*log (1 / D)], where D is the duty cycle. The factor had been edited in the “Input Correction” of the Spectrum Analyzer.

11.3 Measurement Setup (Block Diagram of Configuration)

Radiated Emission Test Setup 9kHz-30MHz

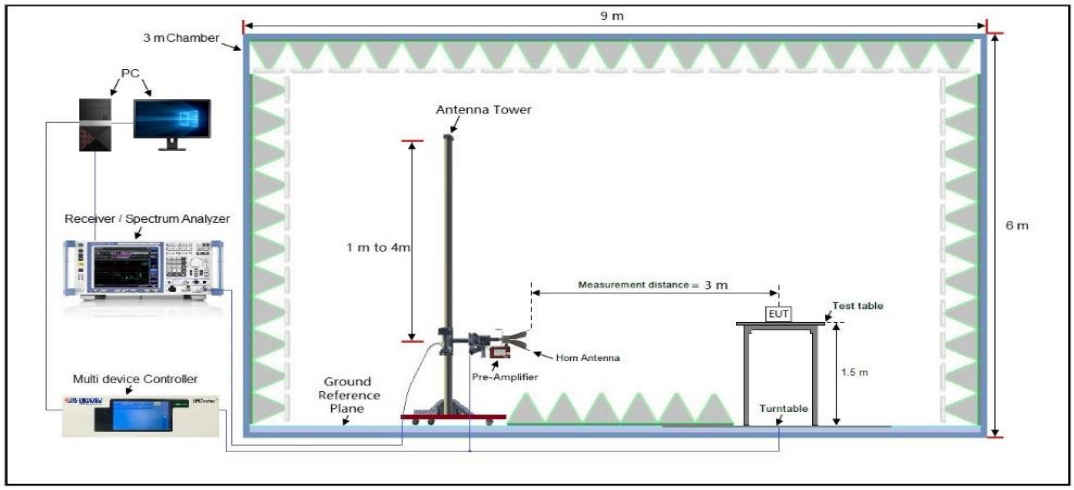


Radiated Emission Test Setup 30MHz-1000MHz



Test setup for radiated emissions of tabletop equipment (30 MHz to 1 GHz)

Radiated Emission Test Setup Above 1000MHz

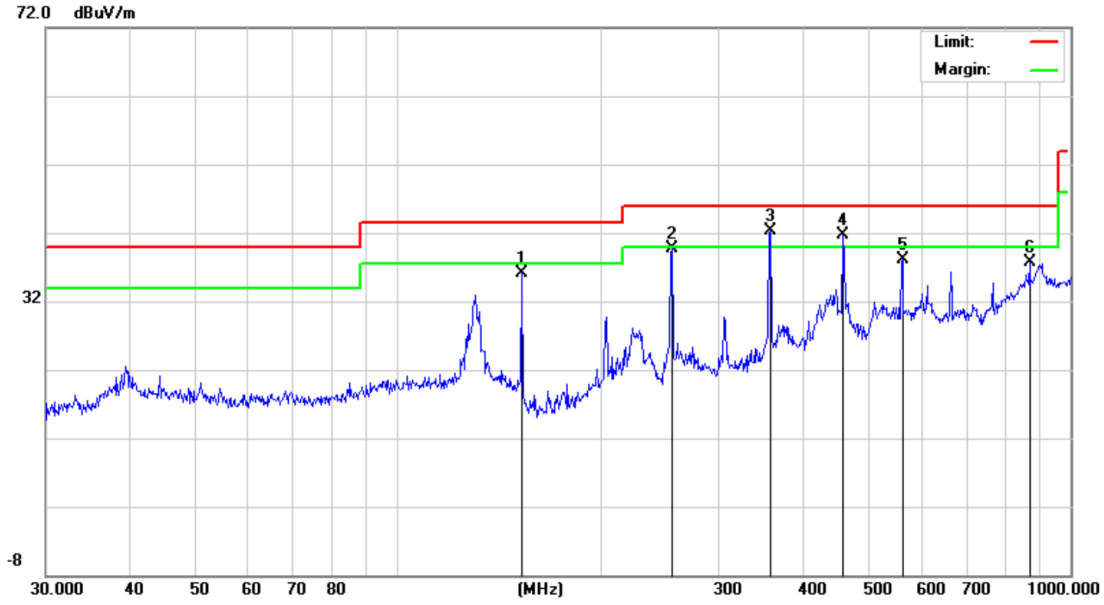


11.4 Measurement Result

Radiated Emission at 9kHz-30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

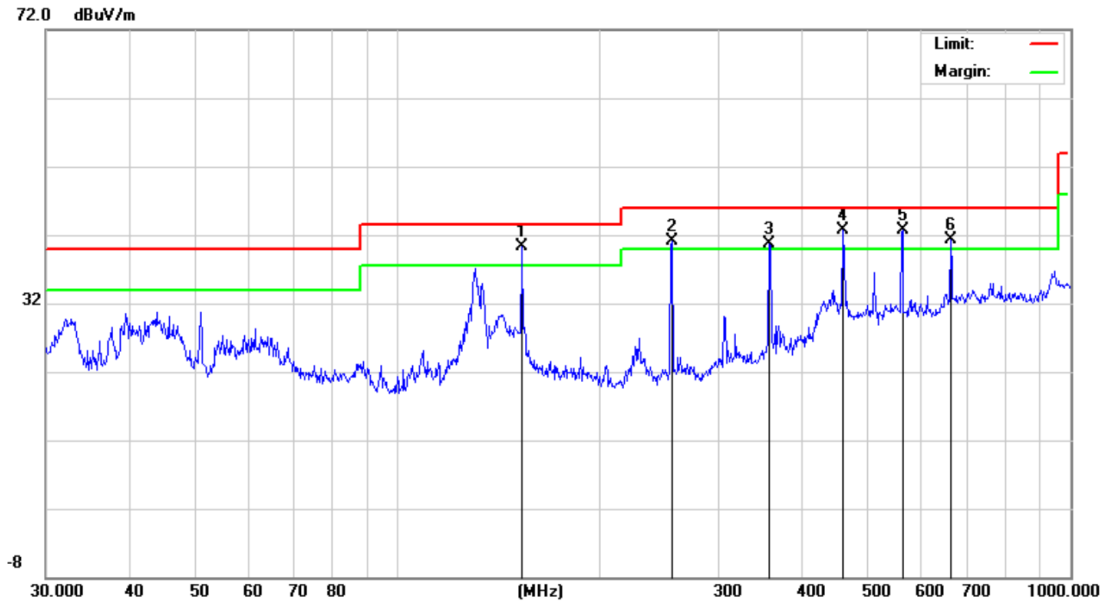
Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 10	**Antenna Polarity**	Horizontal



Final Data List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	153.2004	36.17	13.29	43.50	7.33	100	140	Horizontal
2	255.6230	39.61	14.93	46.00	6.39	100	70	Horizontal
3	357.9286	42.34	17.55	46.00	3.66	100	190	Horizontal
4	459.1143	41.73	24.43	46.00	4.27	100	200	Horizontal
5	562.6624	38.03	24.21	46.00	7.97	100	170	Horizontal
6	869.1301	37.76	29.19	46.00	8.24	100	60	Horizontal

Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 10	**Antenna Polarity**	Vertical



Final Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	153.2004	40.30	18.20	43.50	3.2	100	40	Vertical
2	255.6230	41.06	17.53	46.00	4.94	100	120	Vertical
3	356.6757	40.66	20.93	46.00	5.34	100	160	Vertical
4	459.1143	42.71	25.24	46.00	3.29	100	130	Vertical
5	562.6624	42.74	24.73	46.00	3.26	100	210	Vertical
6	663.4728	41.30	27.53	46.00	4.7	100	200	Vertical

RESULT: Pass

Note:

1. Factor=Antenna Factor + Cable loss, Margin=Limit-Level.
2. All test modes had been pre-tested. The mode 10 is the worst case and recorded in the report.
3. All modes and antennas in the radiation spurious test are pre-scanned. The 2.4G WIFI (Module: RTL8192FC)-802.11n40 is evaluated as the worst data.

Radiated Emissions Test Results above 1 GHz

EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 10	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4844.000	47.52	0.08	47.6	74	-26.4	peak
4844.000	38.64	0.08	38.72	54	-15.28	AVG
7266.000	42.48	2.21	44.69	74	-29.31	peak
7266.000	33.29	2.21	35.5	54	-18.5	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 10	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4844.000	47.78	0.08	47.86	74	-26.14	peak
4844.000	38.59	0.08	38.67	54	-15.33	AVG
7266.000	42.41	2.21	44.62	74	-29.38	peak
7266.000	33.66	2.21	35.87	54	-18.13	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Radiated Emissions Test Results above 1GHz

EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 11	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4874.000	45.49	0.14	45.63	74	-28.37	peak
4874.000	37.85	0.14	37.99	54	-16.01	AVG
7311.000	42.61	2.36	44.97	74	-29.03	peak
7311.000	33.48	2.36	35.84	54	-18.16	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 11	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4874.000	45.28	0.14	45.42	74	-28.58	peak
4874.000	37.41	0.14	37.55	54	-16.45	AVG
7311.000	41.95	2.36	44.31	74	-29.69	peak
7311.000	32.67	2.36	35.03	54	-18.97	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Radiated Emissions Test Results above 1GHz

EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 12	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4904.000	47.18	0.22	47.4	74	-26.6	peak
4904.000	38.42	0.22	38.64	54	-15.36	AVG
7356.000	41.49	2.64	44.13	74	-29.87	peak
7356.000	32.5	2.64	35.14	54	-18.86	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT Name	Network Video Recorder	**Model Name**	N44WET
Temperature	23.2°C	**Relative Humidity**	59.6%
Pressure	960hPa	**Test Voltage**	Normal Voltage
Test Mode	Mode 12	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4904.000	47.28	0.22	47.5	74	-26.5	peak
4904.000	37.45	0.22	37.67	54	-16.33	AVG
7356.000	42.19	2.64	44.83	74	-29.17	peak
7356.000	33.62	2.64	36.26	54	-17.74	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RESULT: Pass

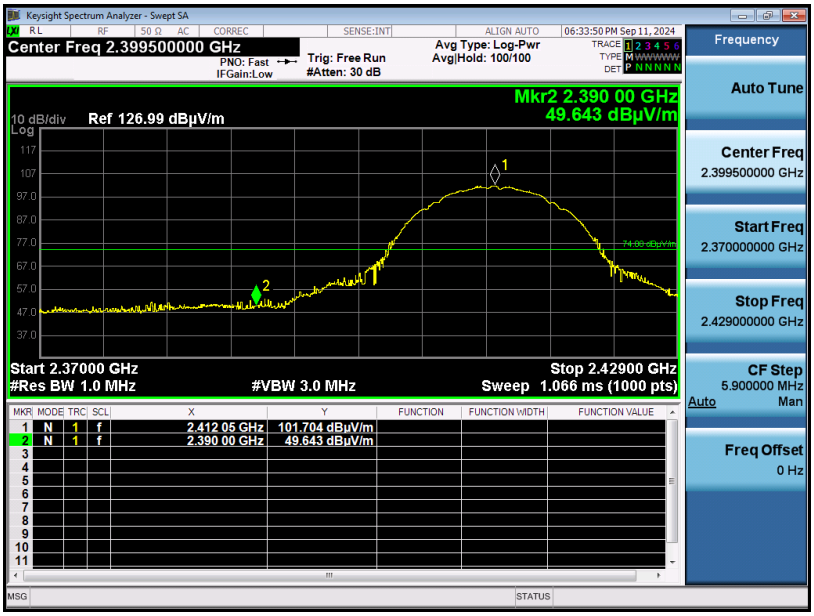
Note:

1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
2. Factor = Antenna Factor + Cable loss – Pre-amplifier gain, Margin =Emission Level-Limit.
3. The “Factor” value can be calculated automatically by software of measurement system.
4. All modes and antennas in the radiation spurious test are pre-scanned. The 2.4G WIFI (Module: RTL8192FC)-802.11n40 is evaluated as the worst data.

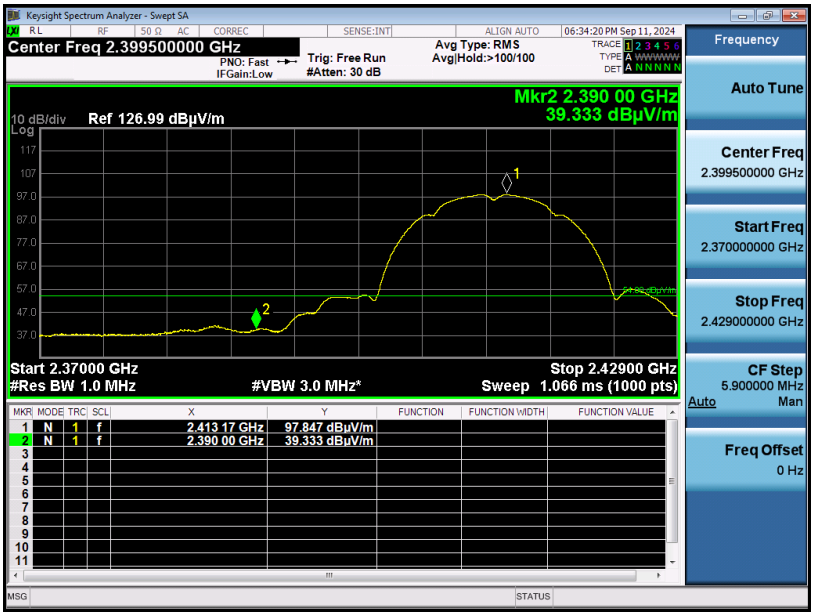
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

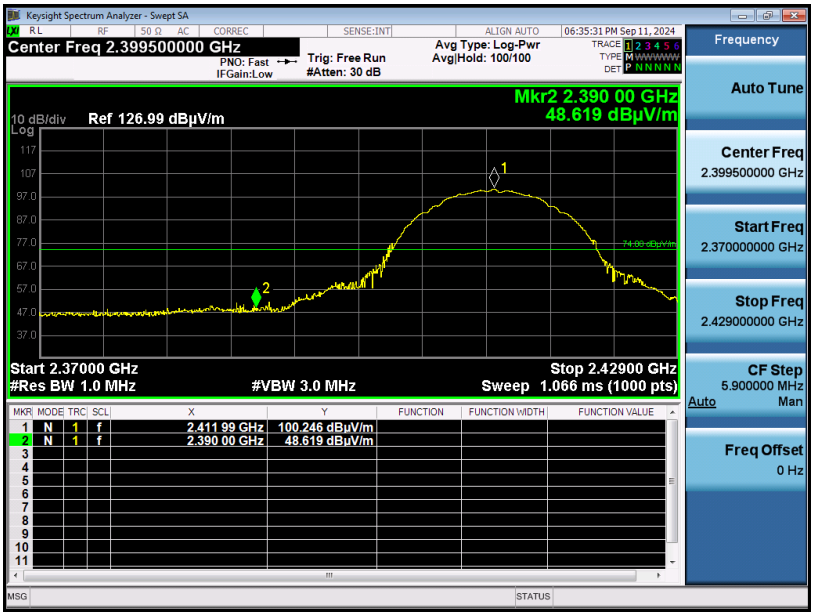


RESULT: Pass

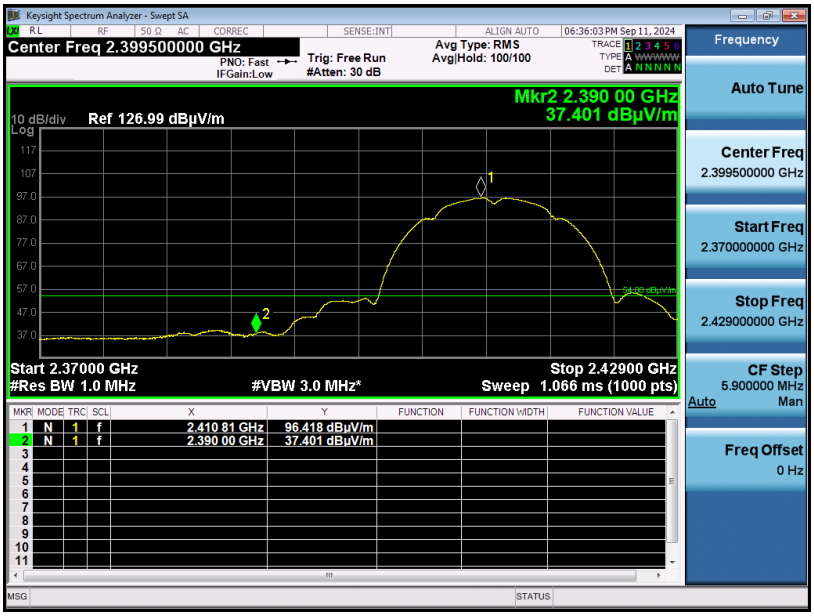
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



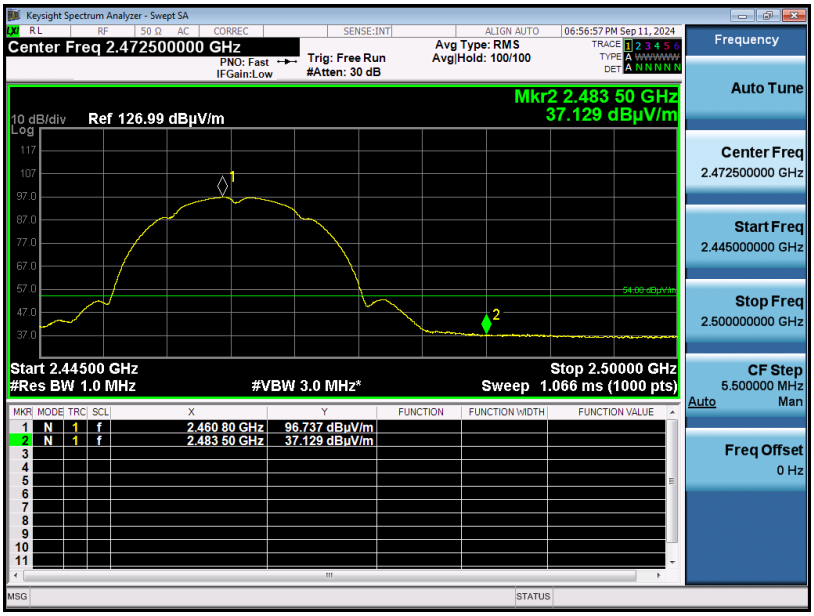
RESULT: Pass

Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna Polarity	Horizontal

Test Graph for Peak Measurement

Test Graph for Average Measurement



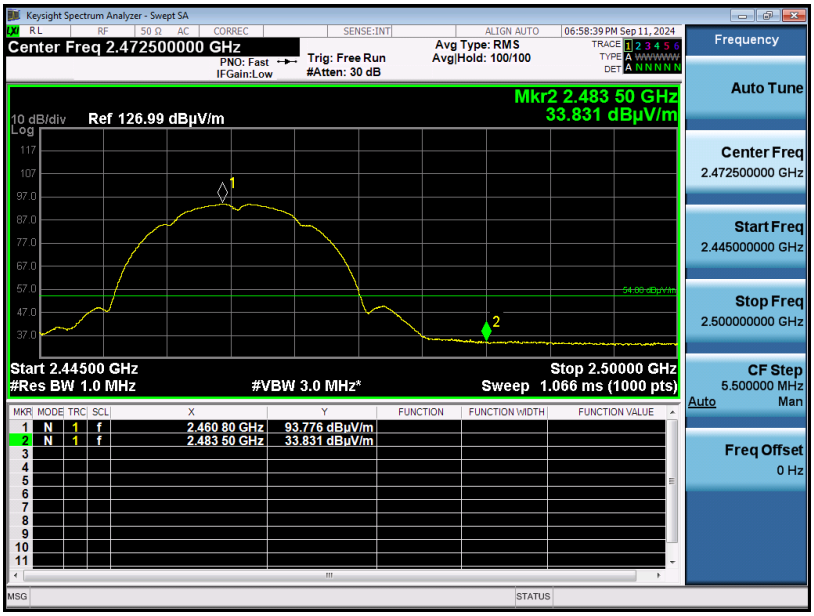
RESULT: Pass

Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna Polarity	Vertical

Test Graph for Peak Measurement

Test Graph for Average Measurement



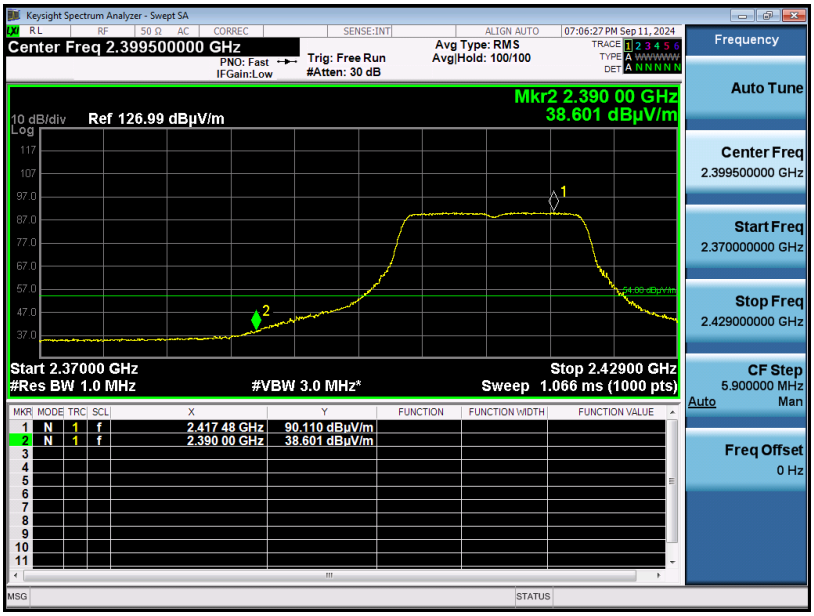
RESULT: Pass

Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 4	Antenna Polarity	Horizontal

Test Graph for Peak Measurement

Test Graph for Average Measurement

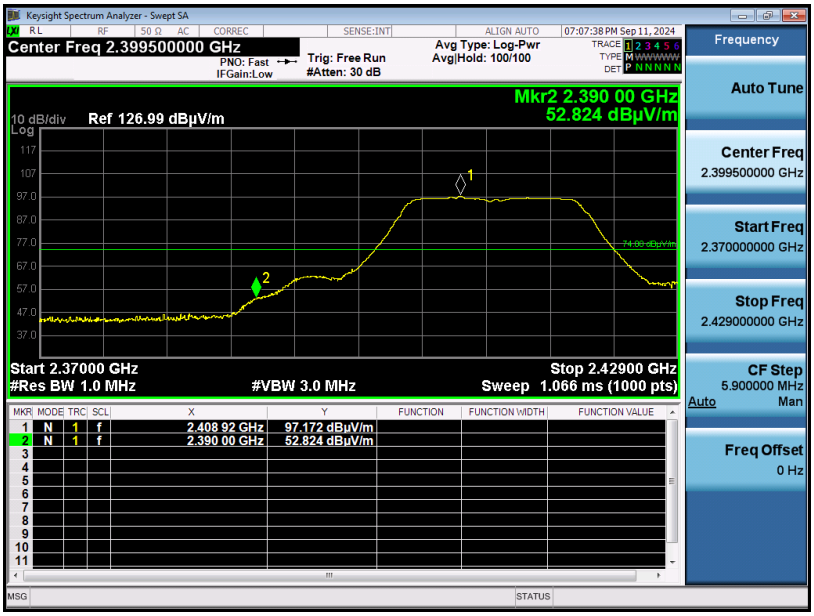


RESULT: Pass

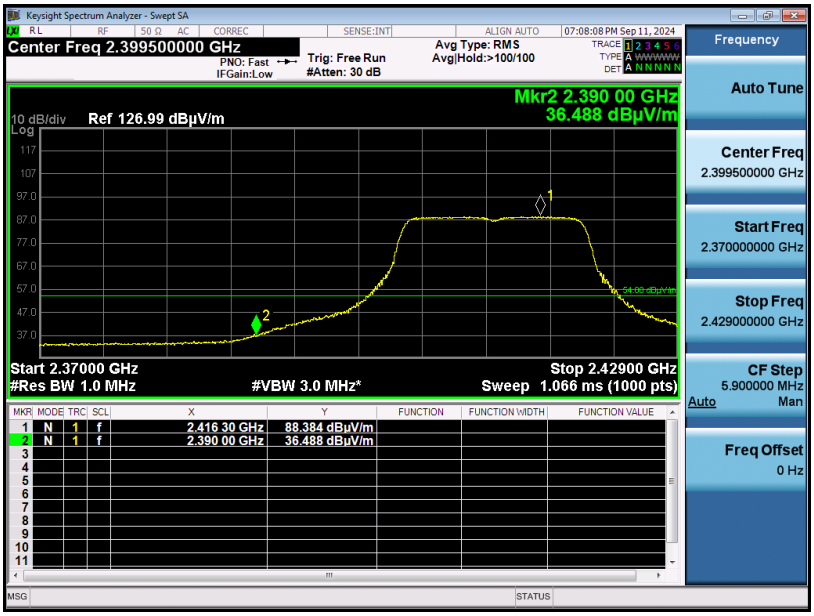
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 4	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



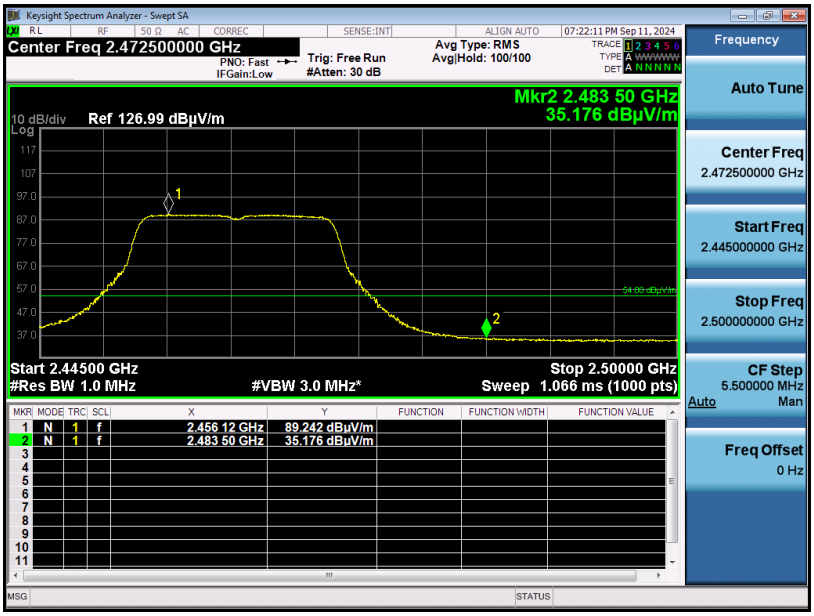
RESULT: Pass

Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 6	Antenna Polarity	Horizontal

Test Graph for Peak Measurement

Test Graph for Average Measurement

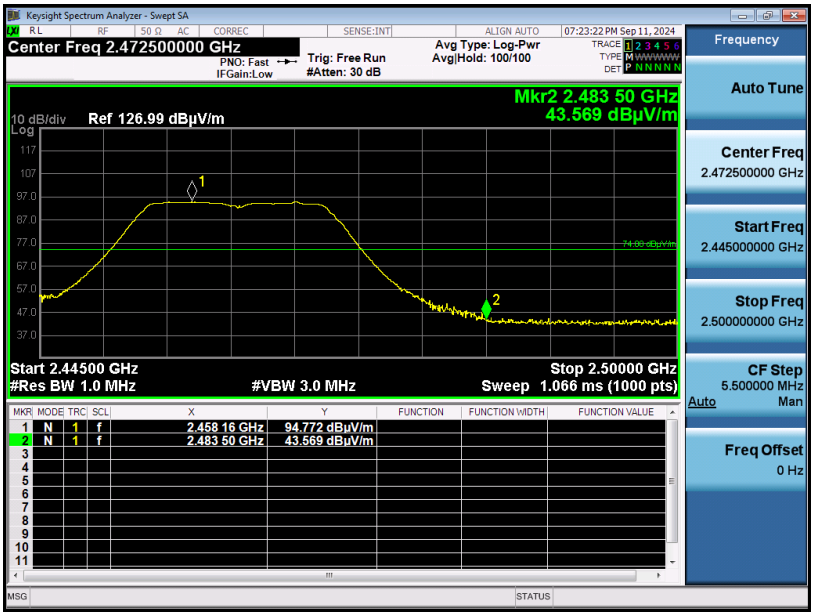


RESULT: Pass

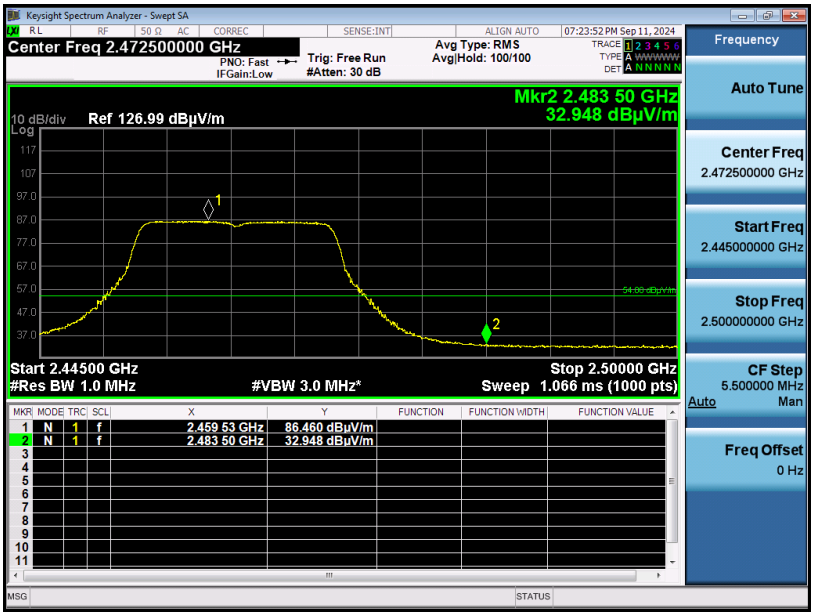
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 6	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

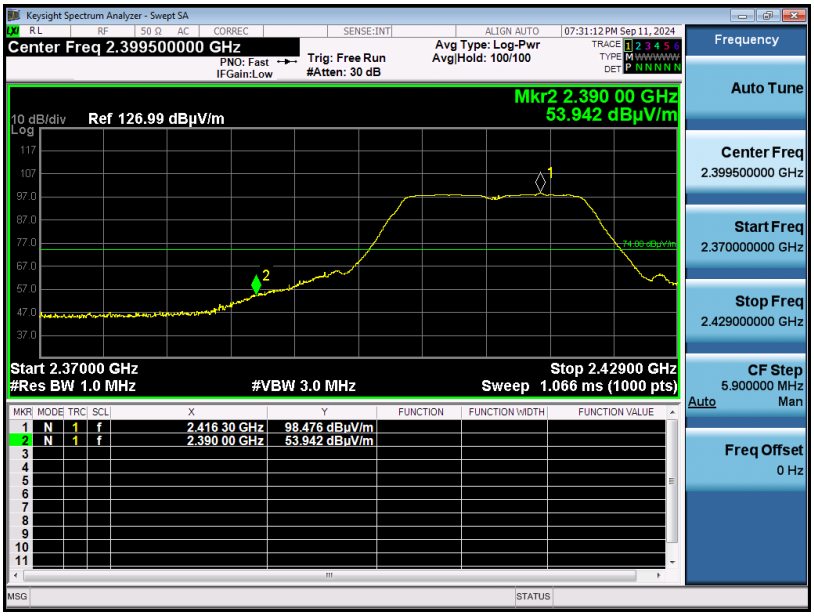


RESULT: Pass

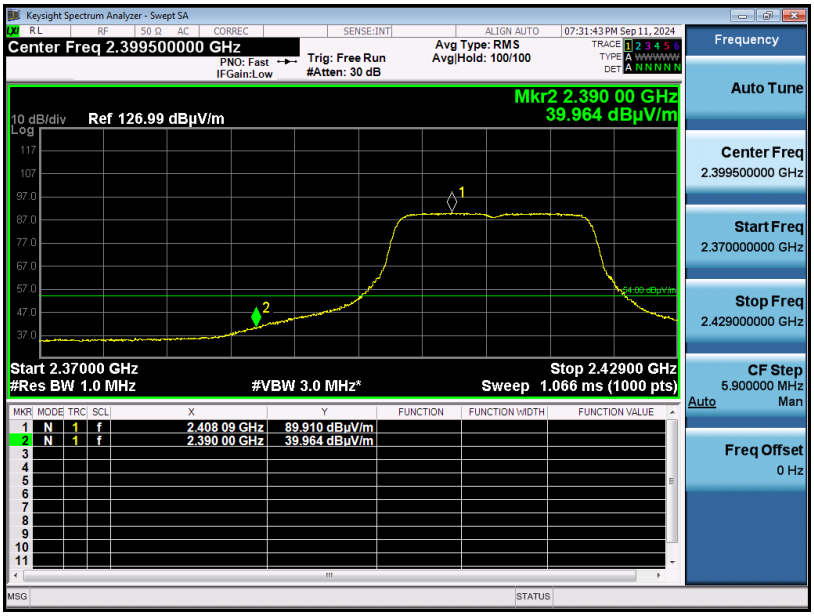
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 7	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

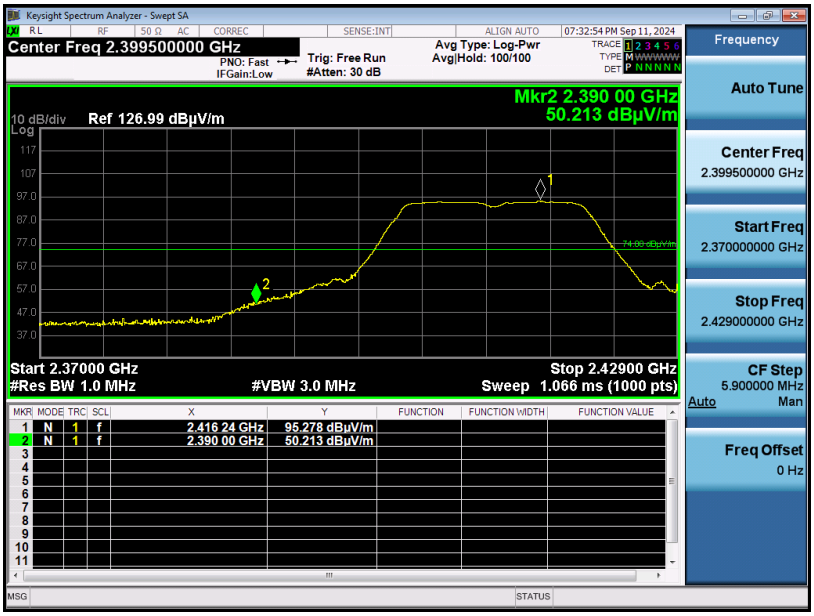


RESULT: Pass

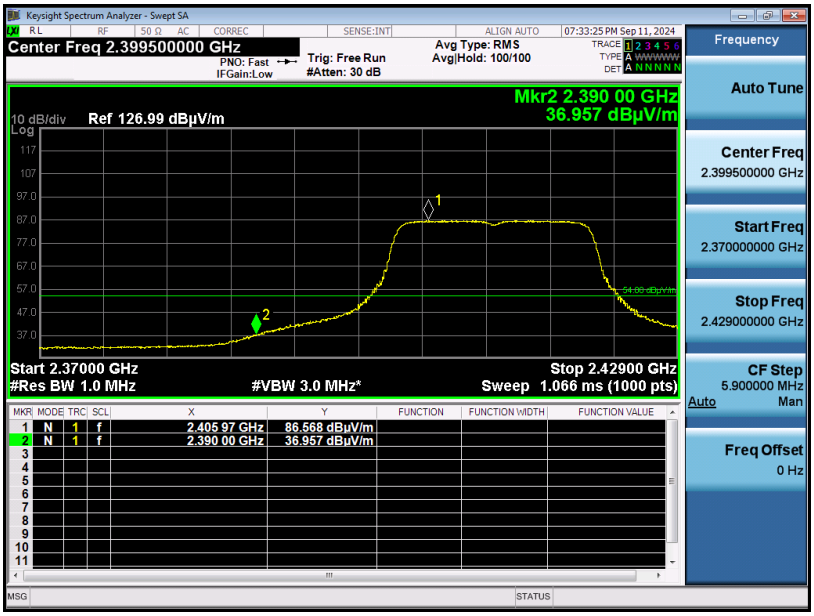
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 7	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

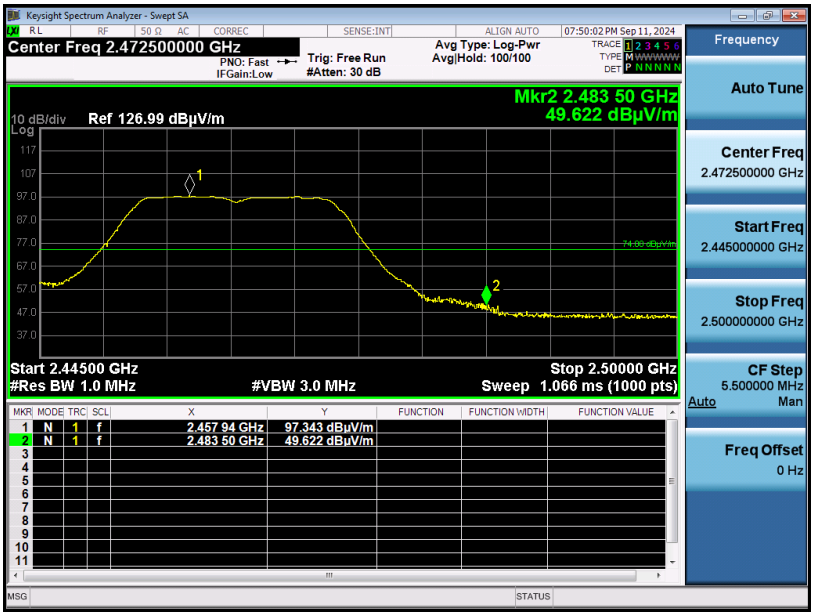


RESULT: Pass

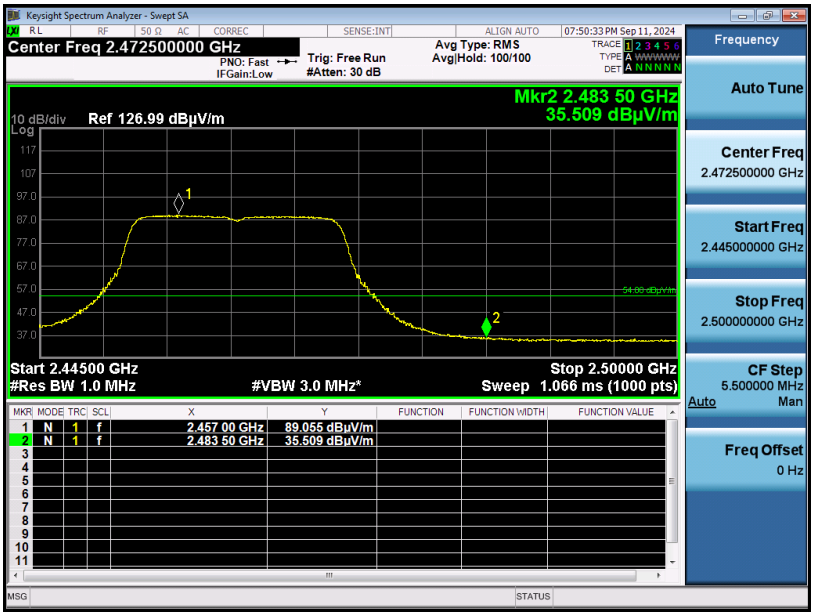
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 9	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

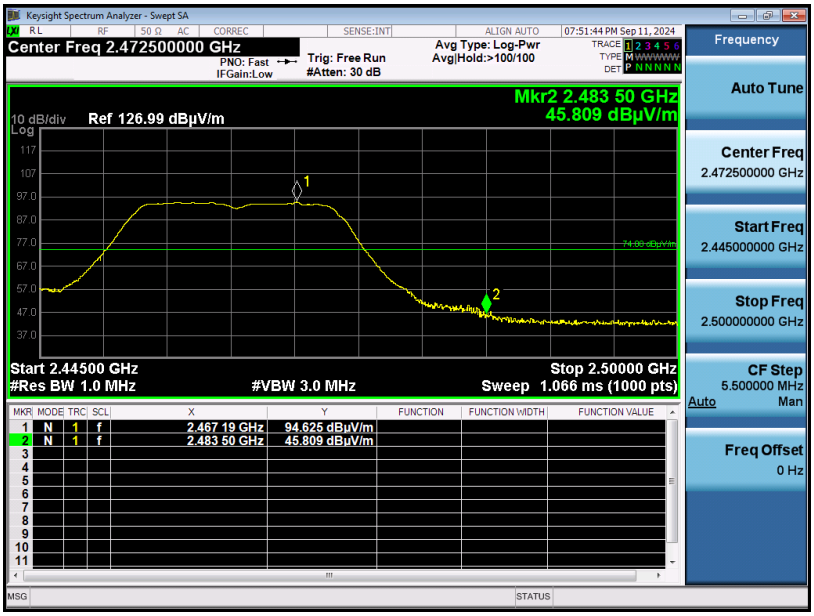


RESULT: Pass

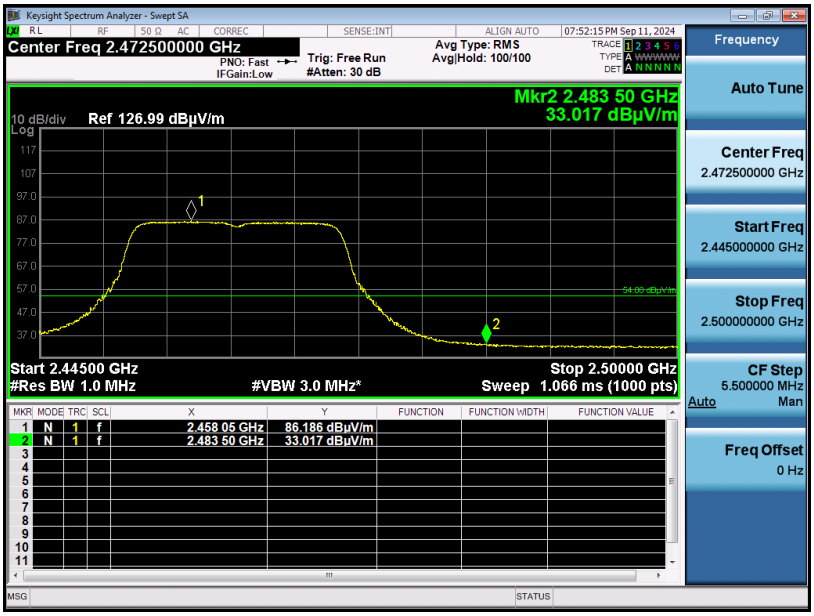
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 9	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

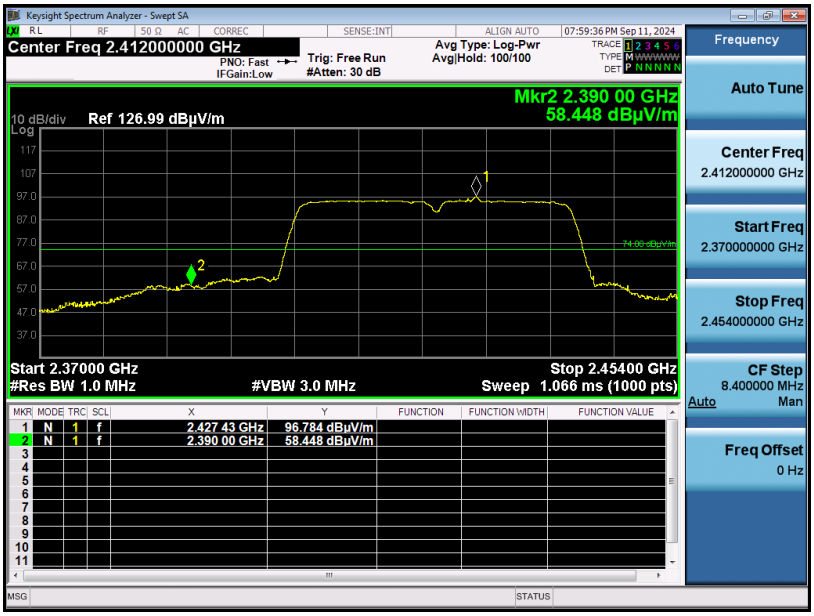


RESULT: Pass

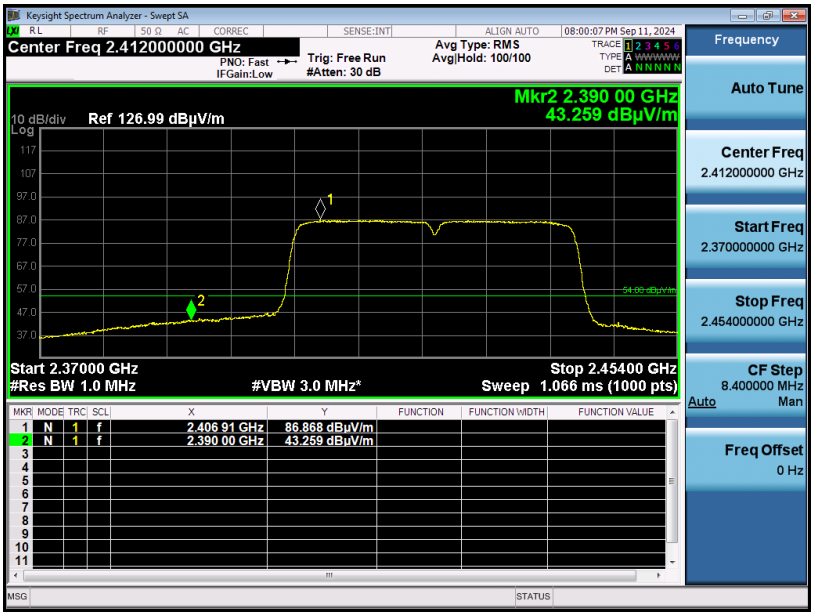
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 10	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

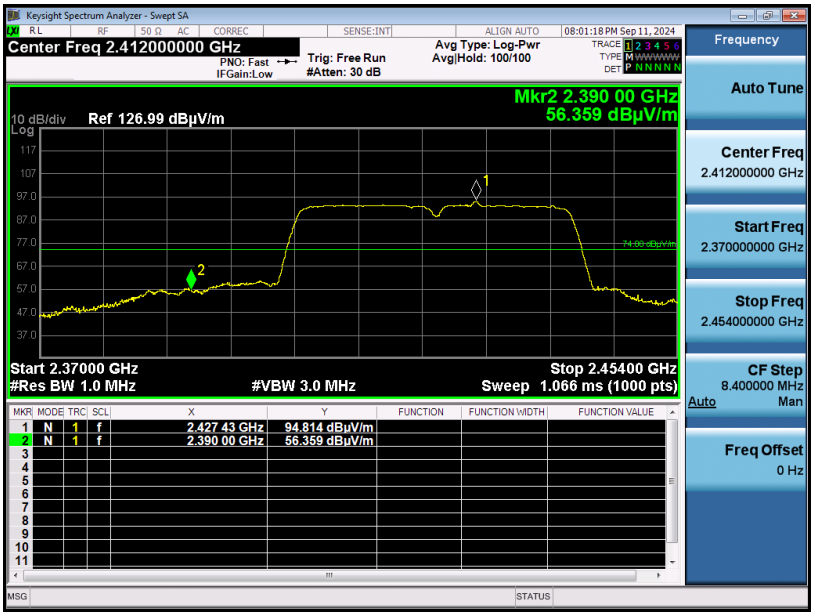


RESULT: Pass

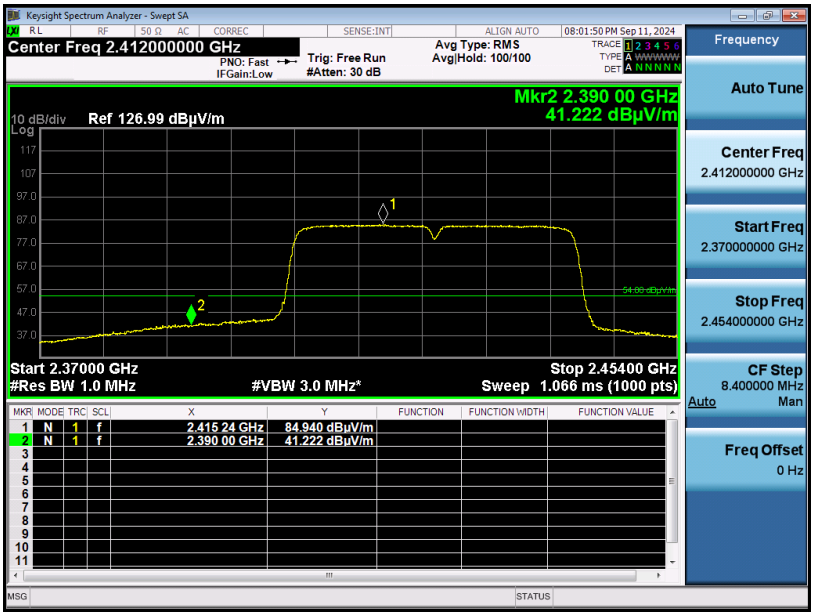
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 10	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



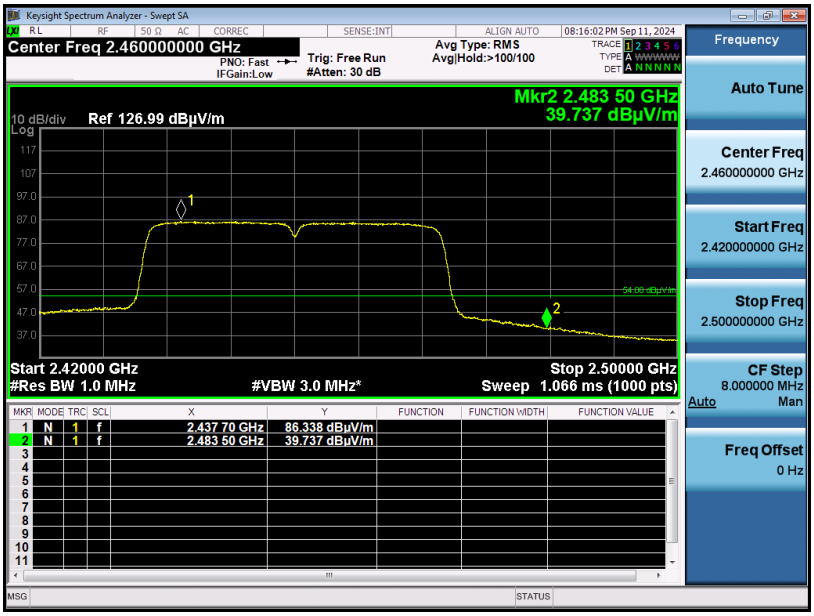
RESULT: Pass

Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 12	Antenna Polarity	Horizontal

Test Graph for Peak Measurement

Test Graph for Average Measurement

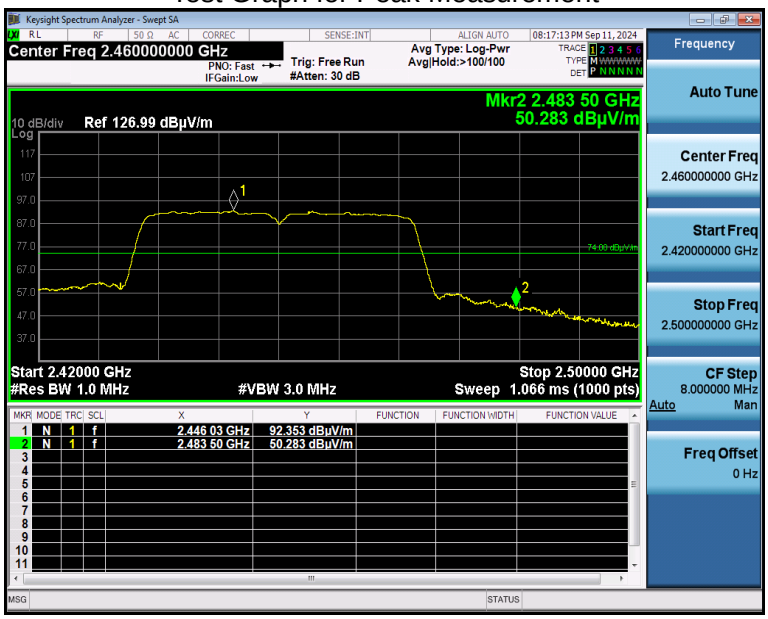


RESULT: Pass

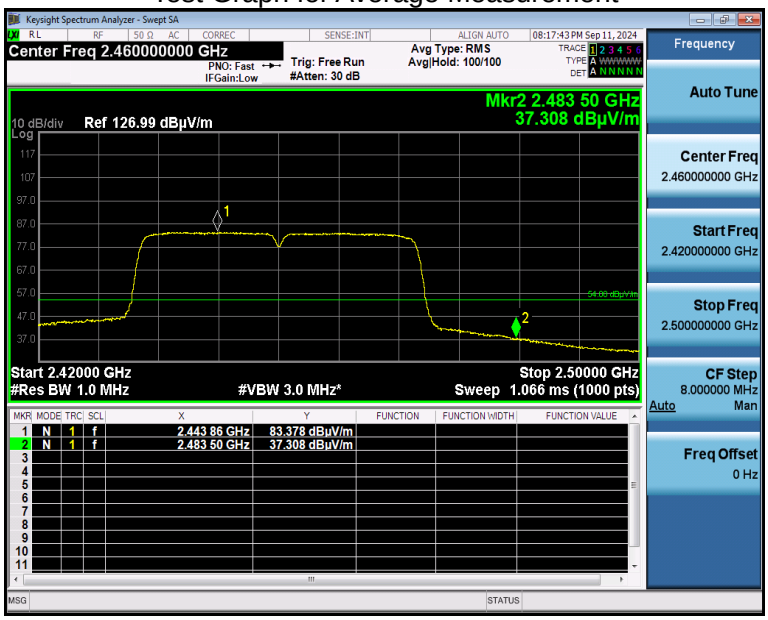
Band Edge Emission Test Results for Restricted Bands

EUT Name	Network Video Recorder	Model Name	N44WET
Temperature	25.2°C	Relative Humidity	61.0%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 12	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: Pass

Note: 1. The factor had been edited in the “Input Correction” of the Spectrum Analyzer. All modes and antennas in the radiation spurious test are pre-scanned. The 2.4G WIFI (Module: RTL8192FC) is evaluated as the worst data.