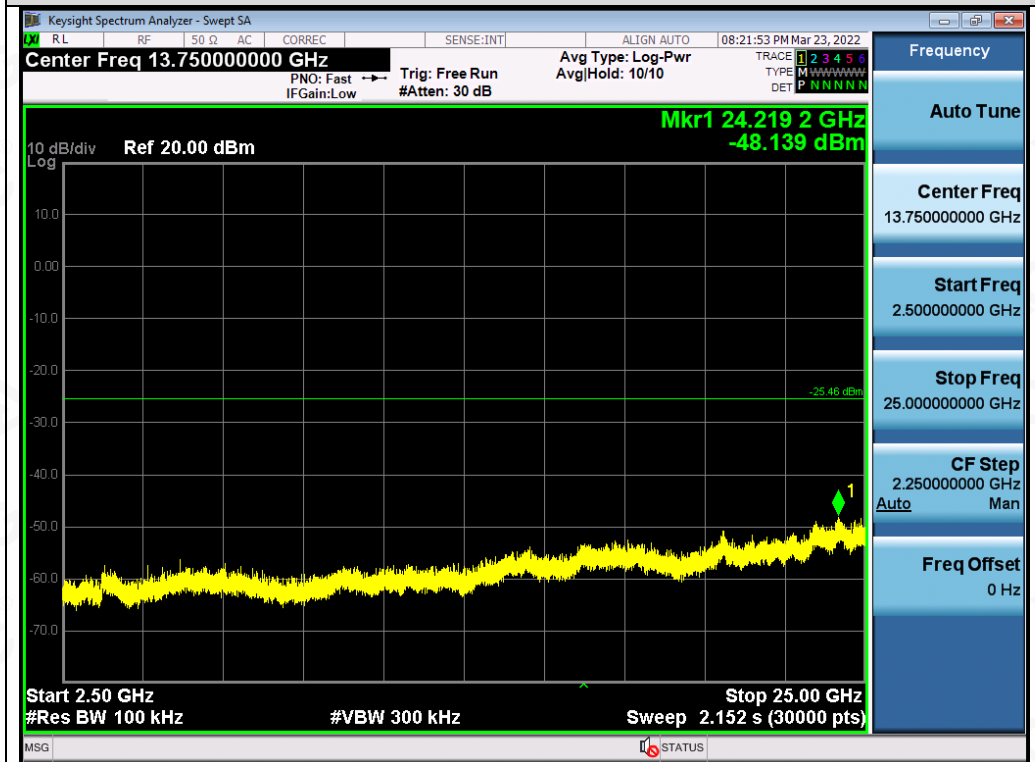


Test\_Graph\_802.11g\_ANT1\_2462\_6Mbps\_Lower Band Emissions

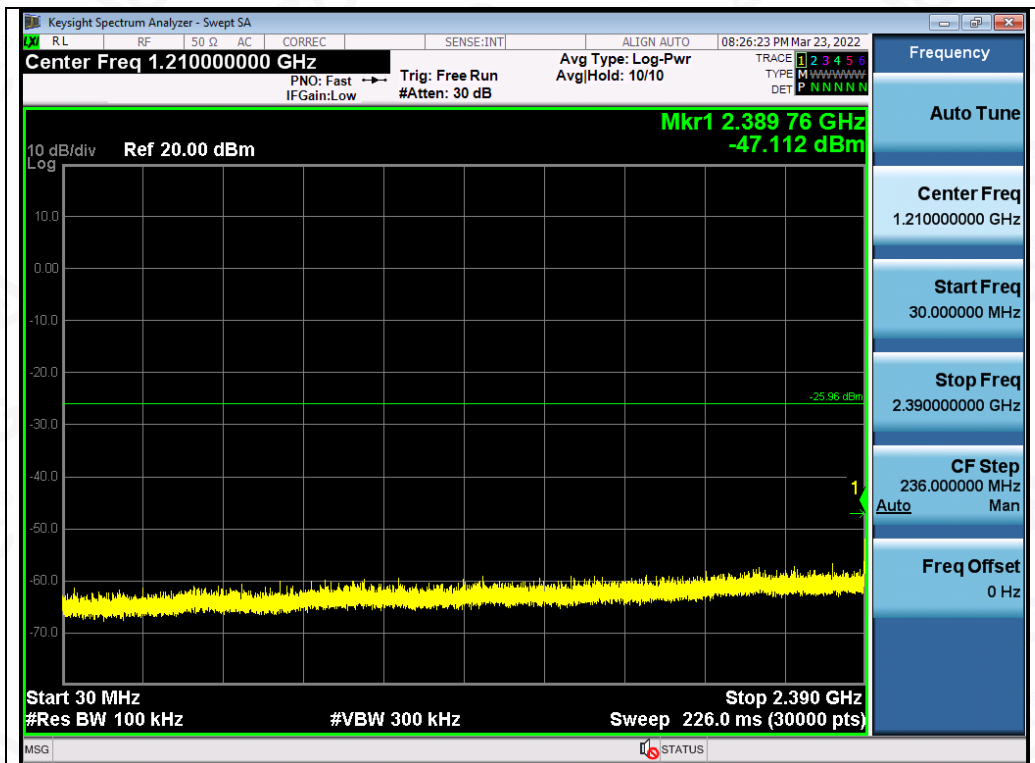


Test\_Graph\_802.11g\_ANT1\_2462\_6Mbps\_Higher Band Emissions

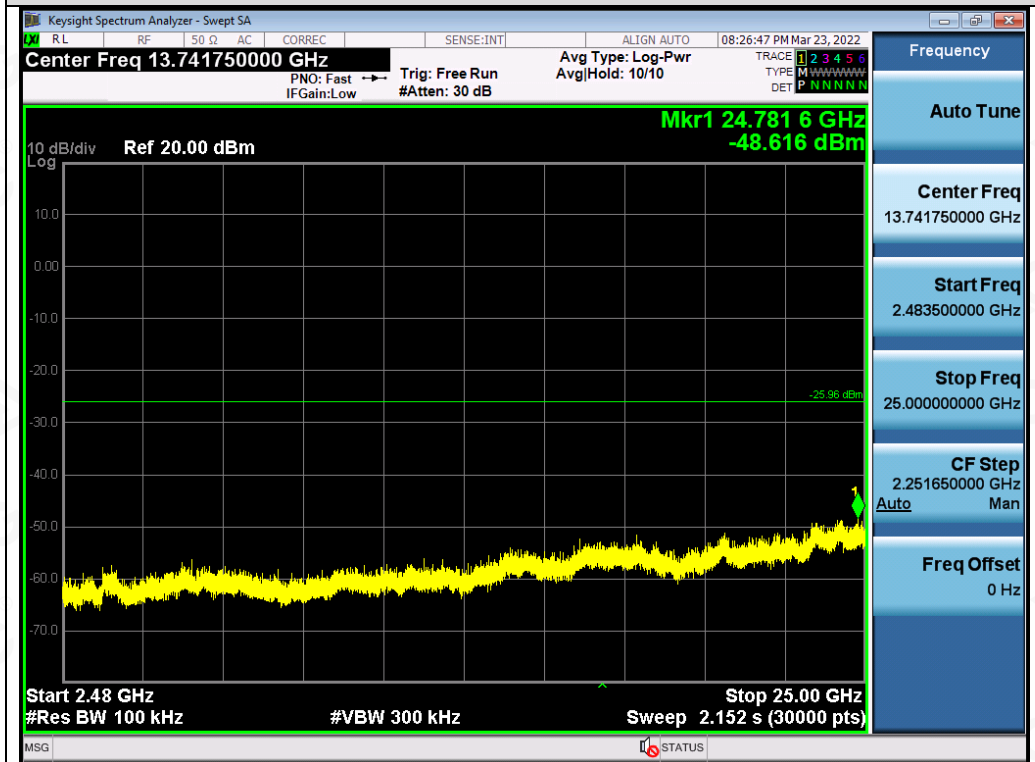
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Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_Lower Band Emissions



Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_Higher Band Emissions

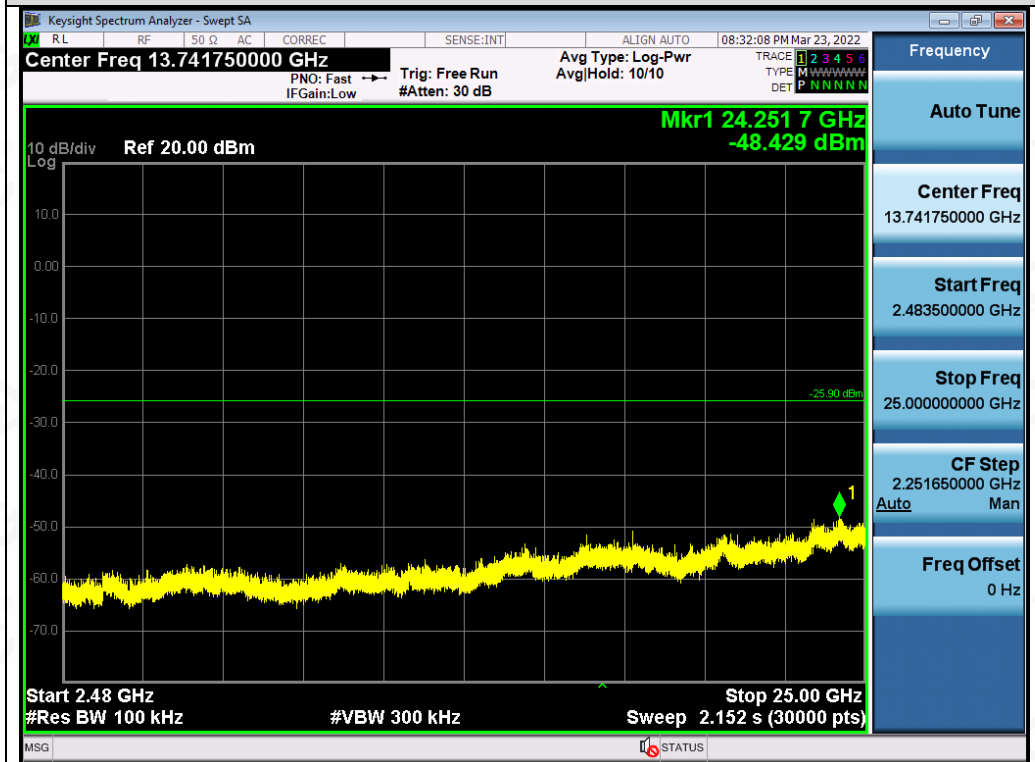
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Test\_Graph\_802.11n20\_ANT1\_2437\_MCS0\_Lower Band Emissions

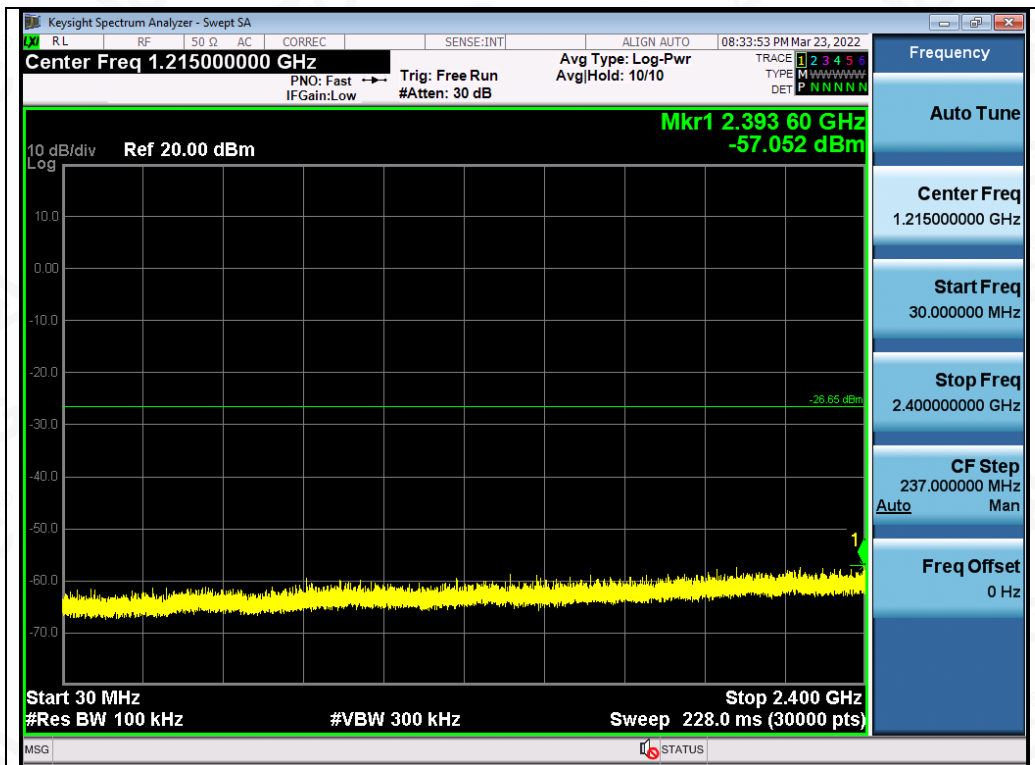


Test\_Graph\_802.11n20\_ANT1\_2437\_MCS0\_Higher Band Emissions

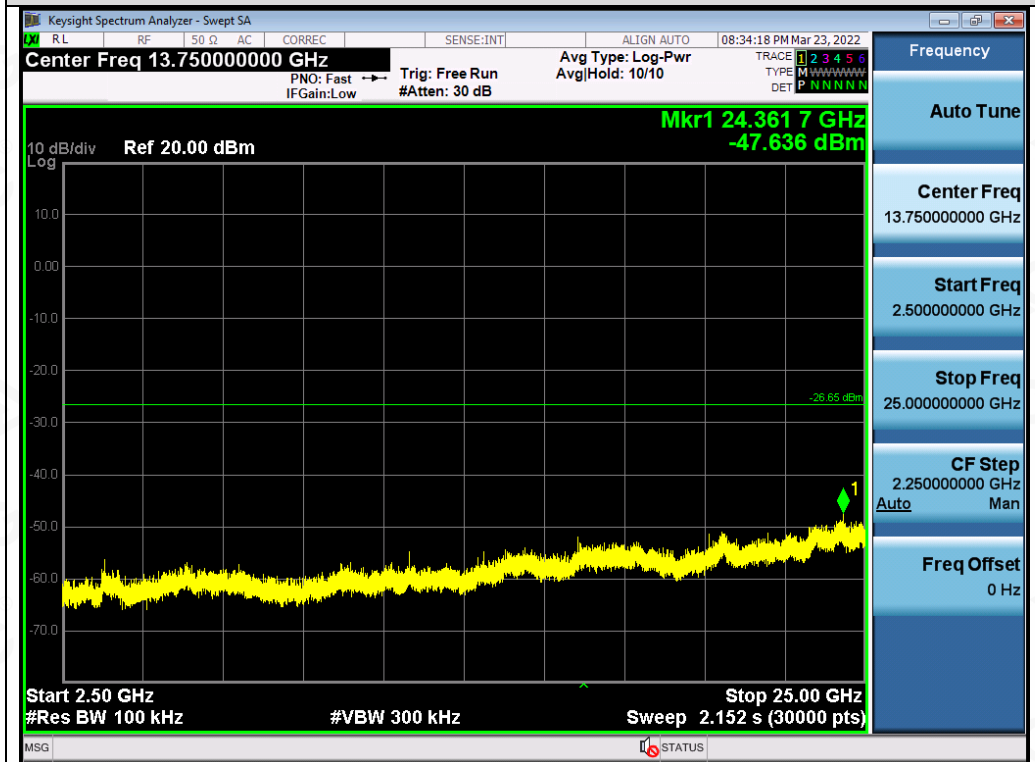
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Test\_Graph\_802.11n20\_ANT1\_2462\_MCS0\_Lower Band Emissions



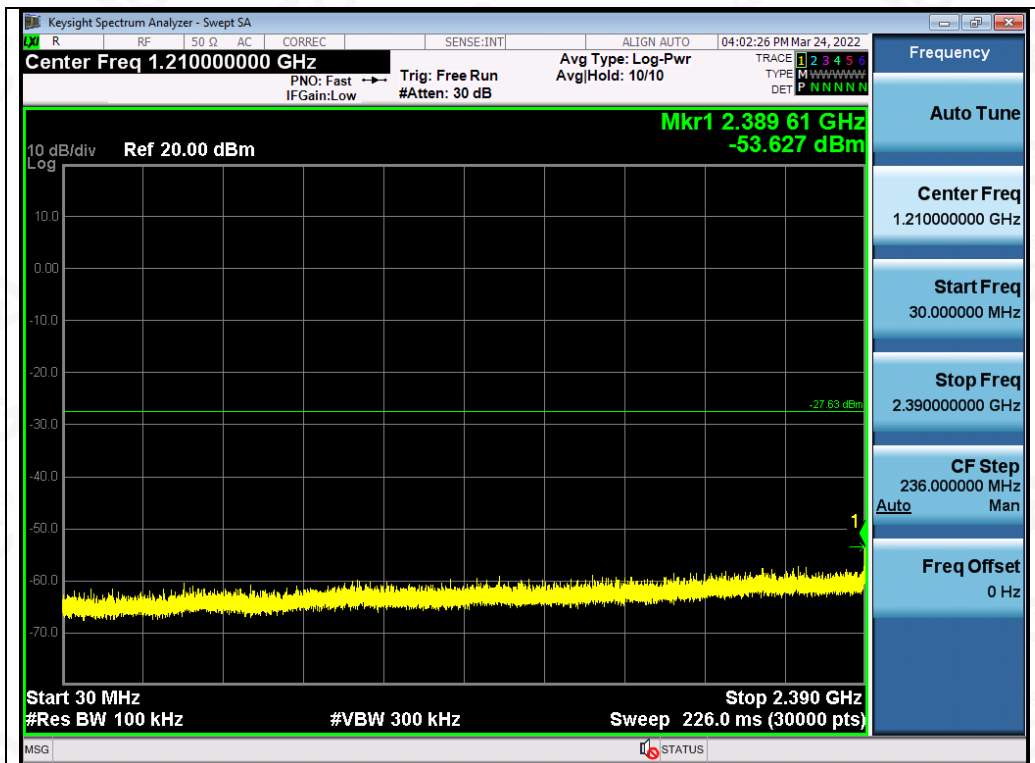
Test\_Graph\_802.11n20\_ANT1\_2462\_MCS0\_Higher Band Emissions

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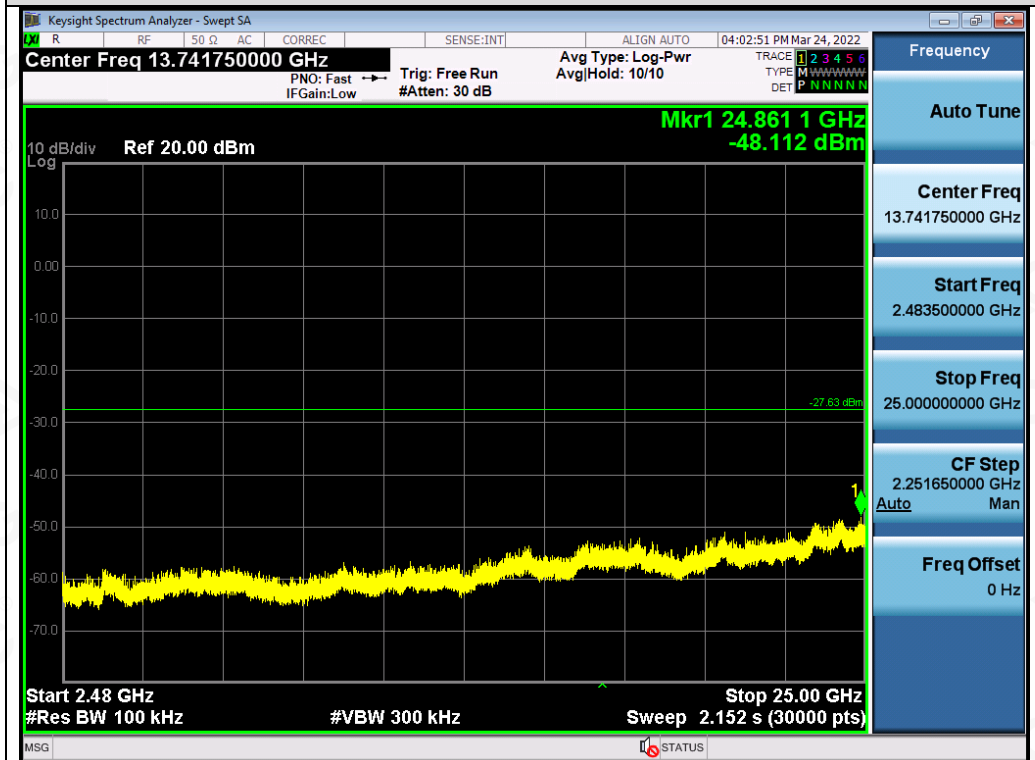
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Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_Lower Band Emissions

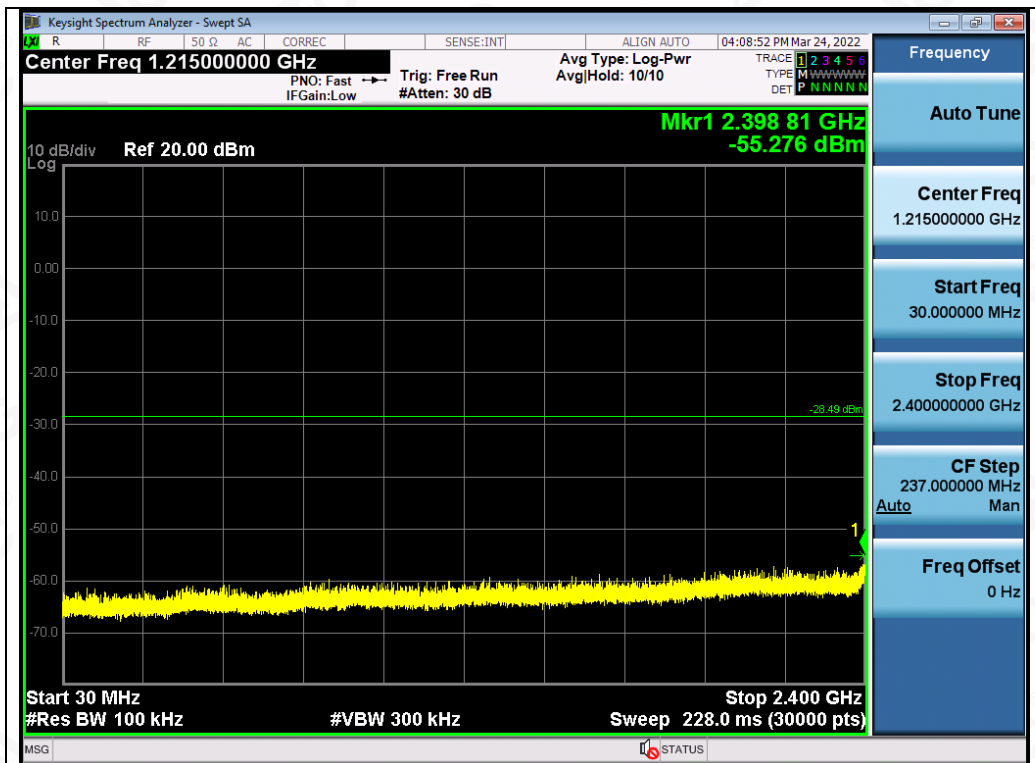


Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_Higher Band Emissions

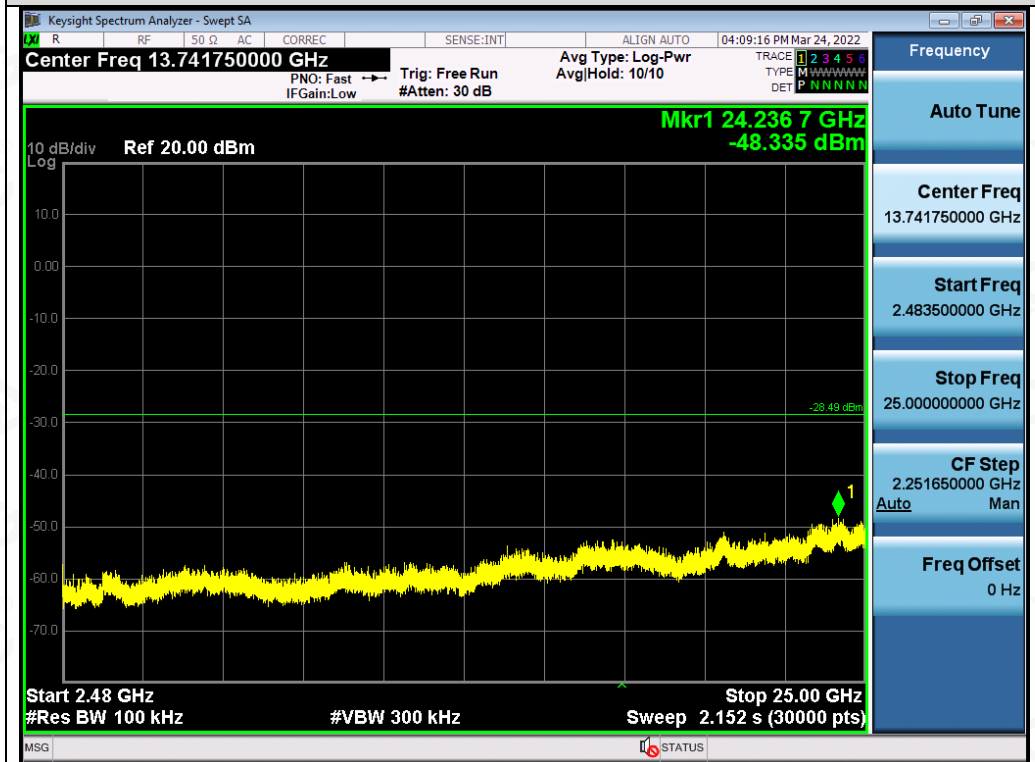
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Test\_Graph\_802.11n40\_ANT1\_2437\_MCS0\_Lower Band Emissions

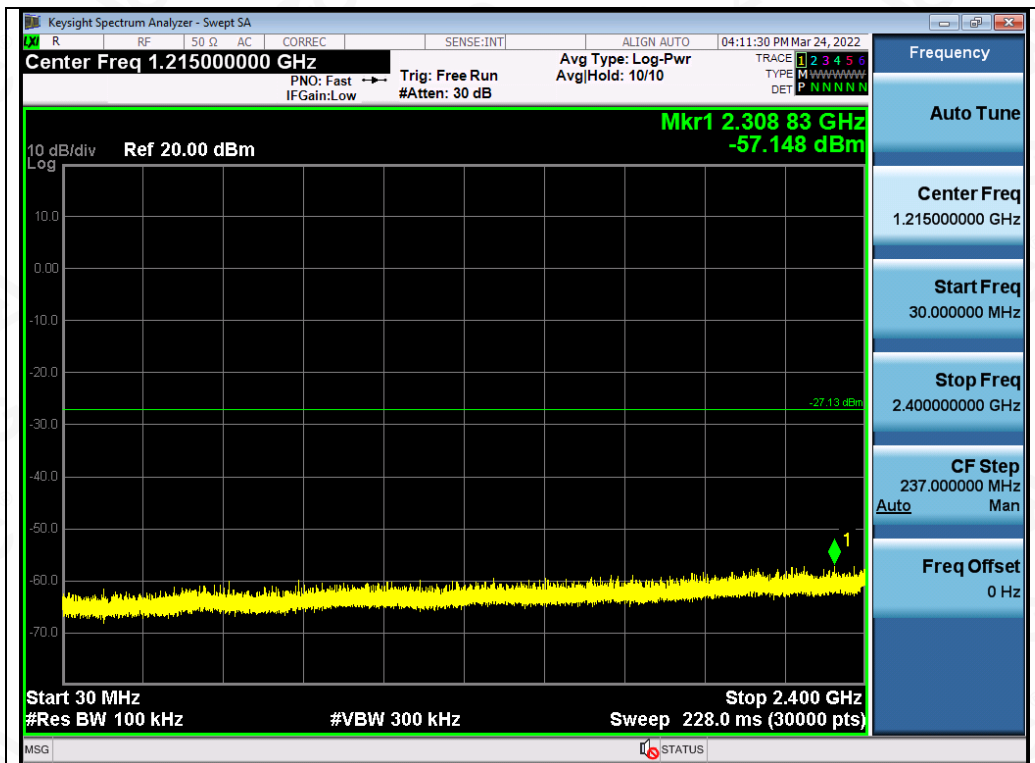


Test\_Graph\_802.11n40\_ANT1\_2437\_MCS0\_Higher Band Emissions

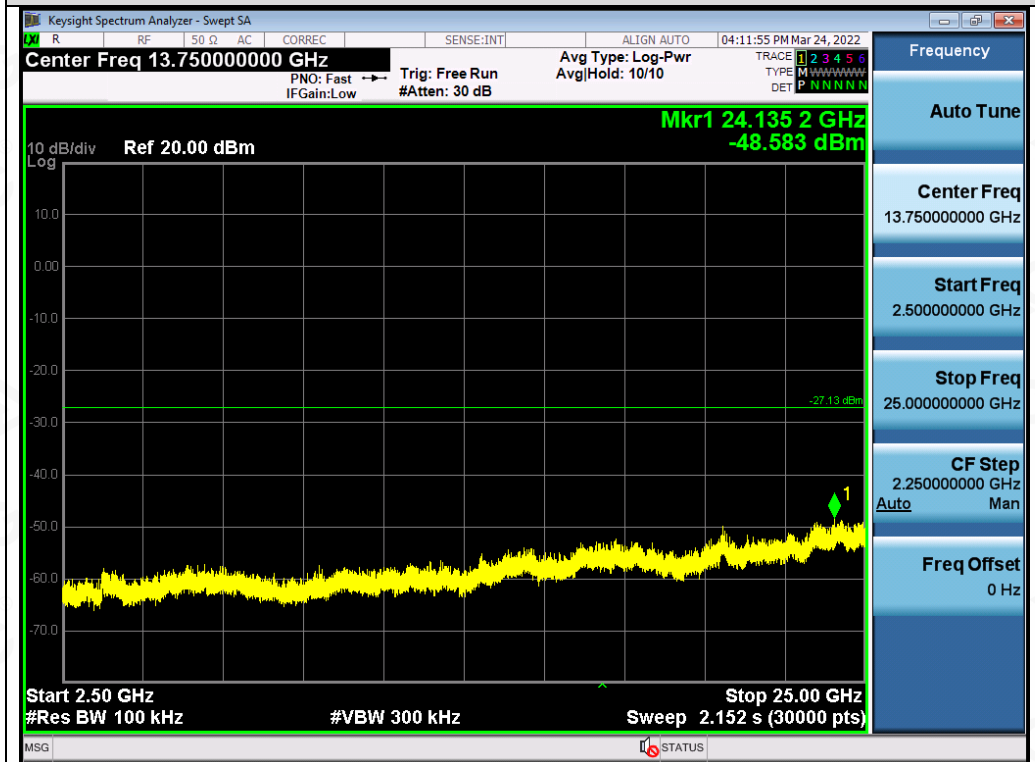
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Test\_Graph\_802.11n40\_ANT1\_2452\_MCS0\_Lower Band Emissions



Test\_Graph\_802.11n40\_ANT1\_2452\_MCS0\_Higher Band Emissions

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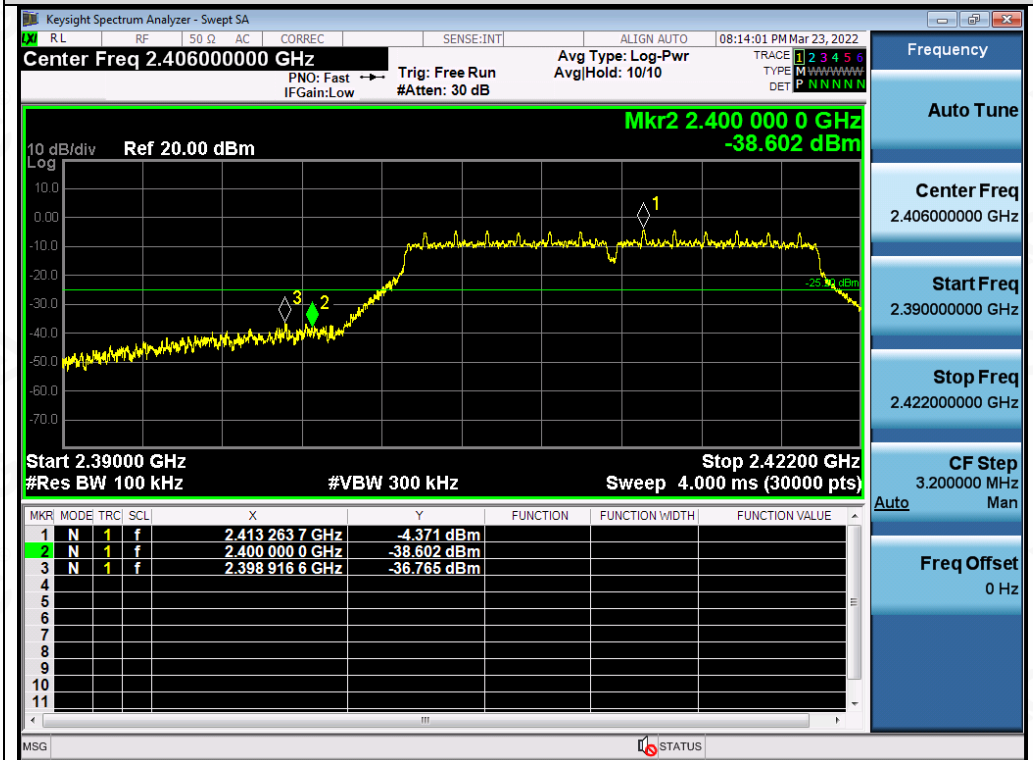
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**Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands**



Test\_Graph\_802.11b\_ANT1\_2412\_1Mbps\_Lower Band Edge Emissions



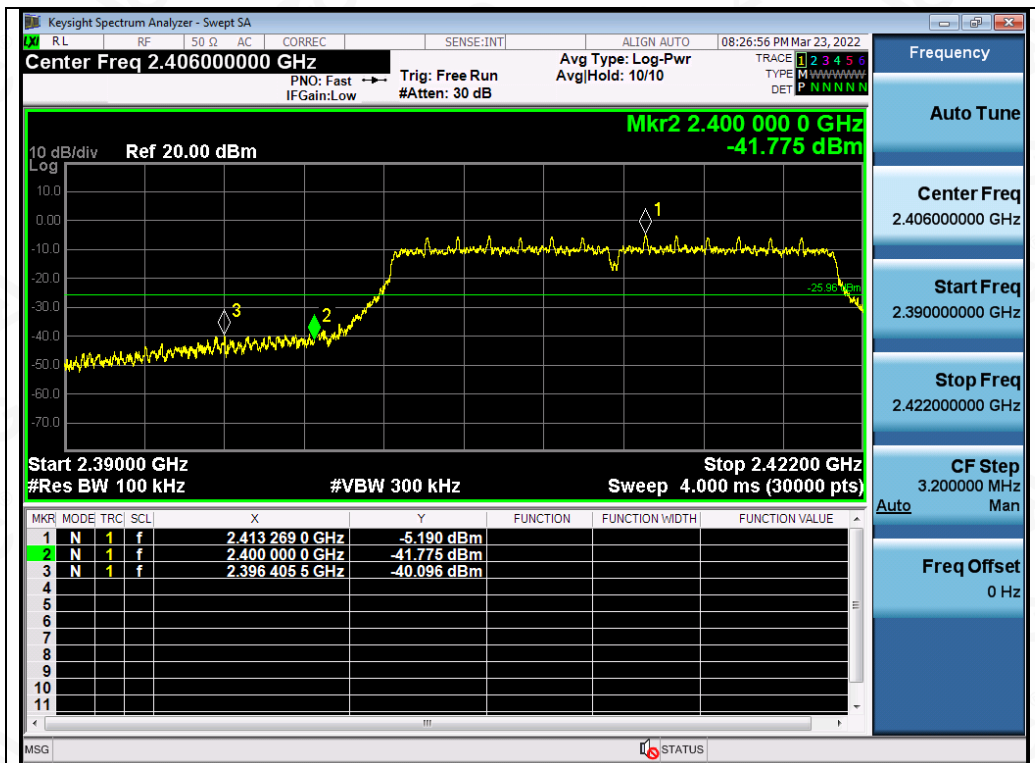
Test\_Graph\_802.11g\_ANT1\_2412\_6Mbps\_Lower Band Edge Emissions

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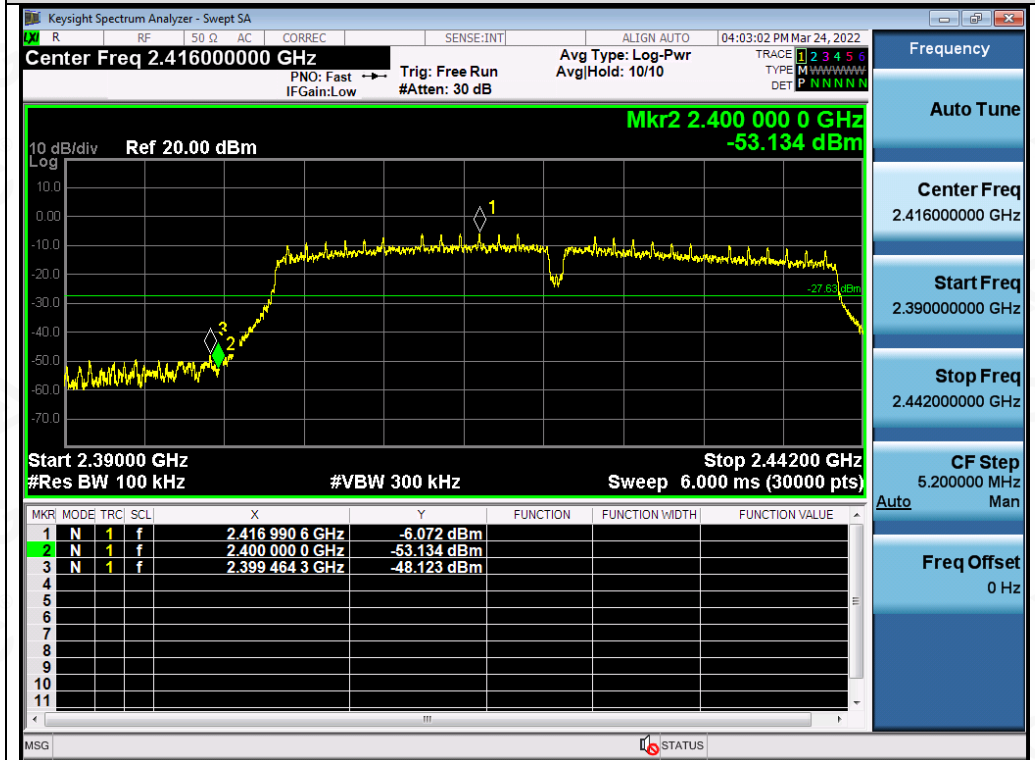
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Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_Lower Band Edge Emissions



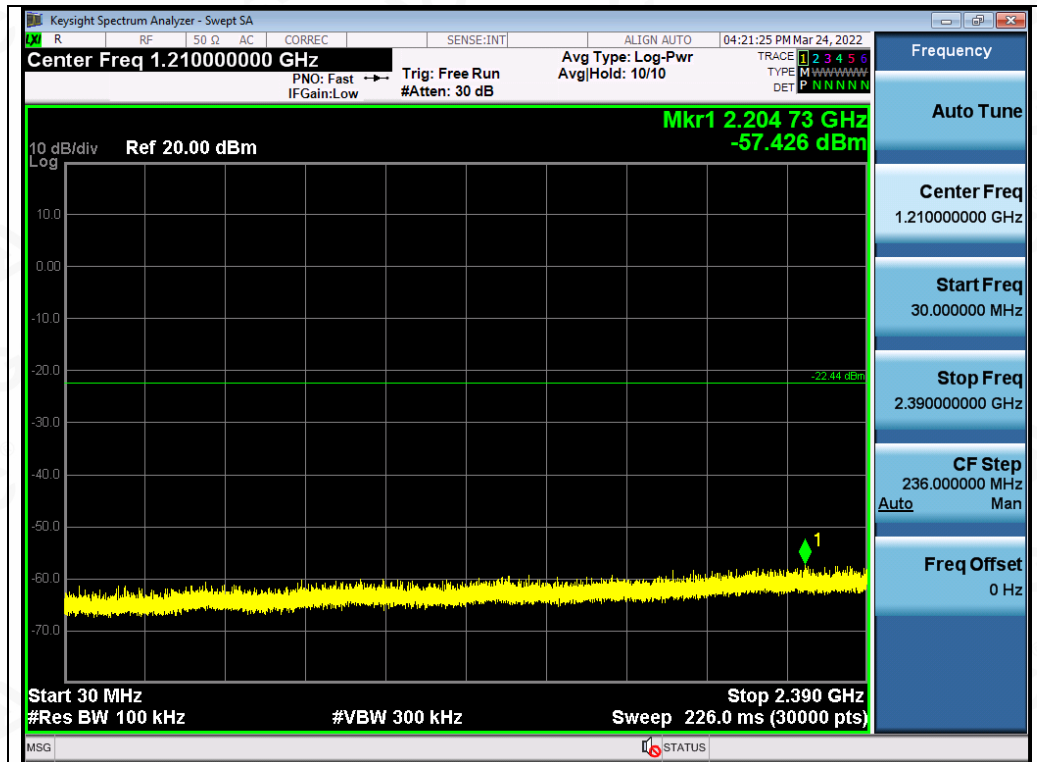
Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_Lower Band Edge Emissions

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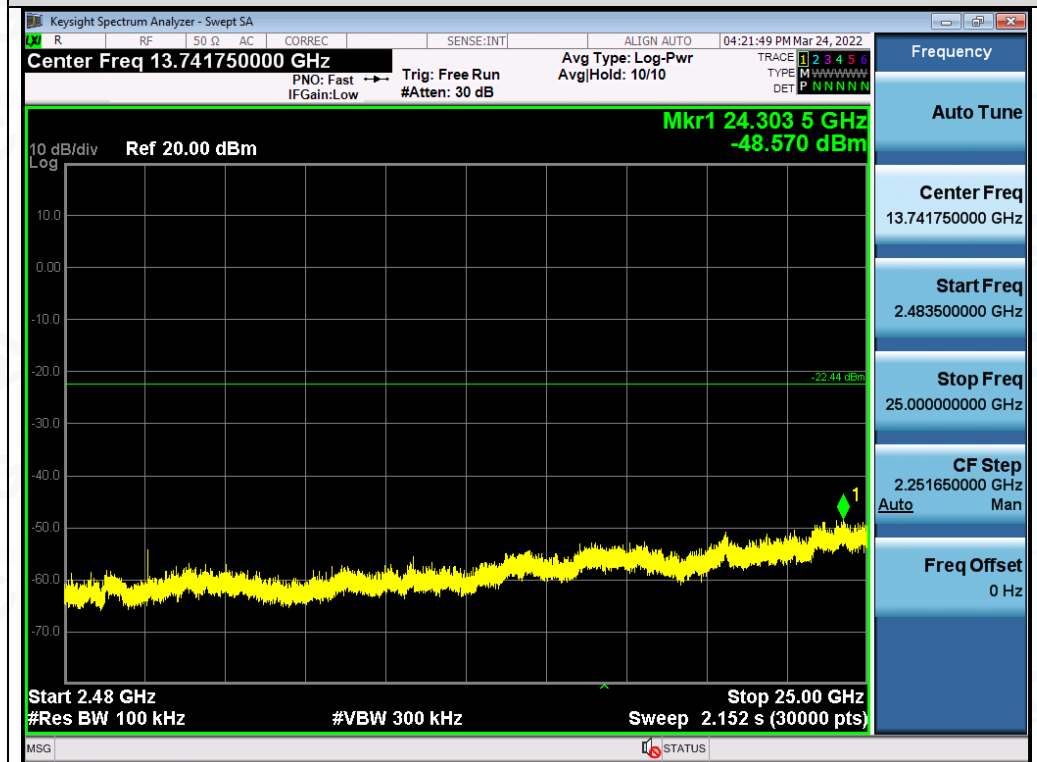
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### Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands-Ant 2



Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_Lower Band Emissions

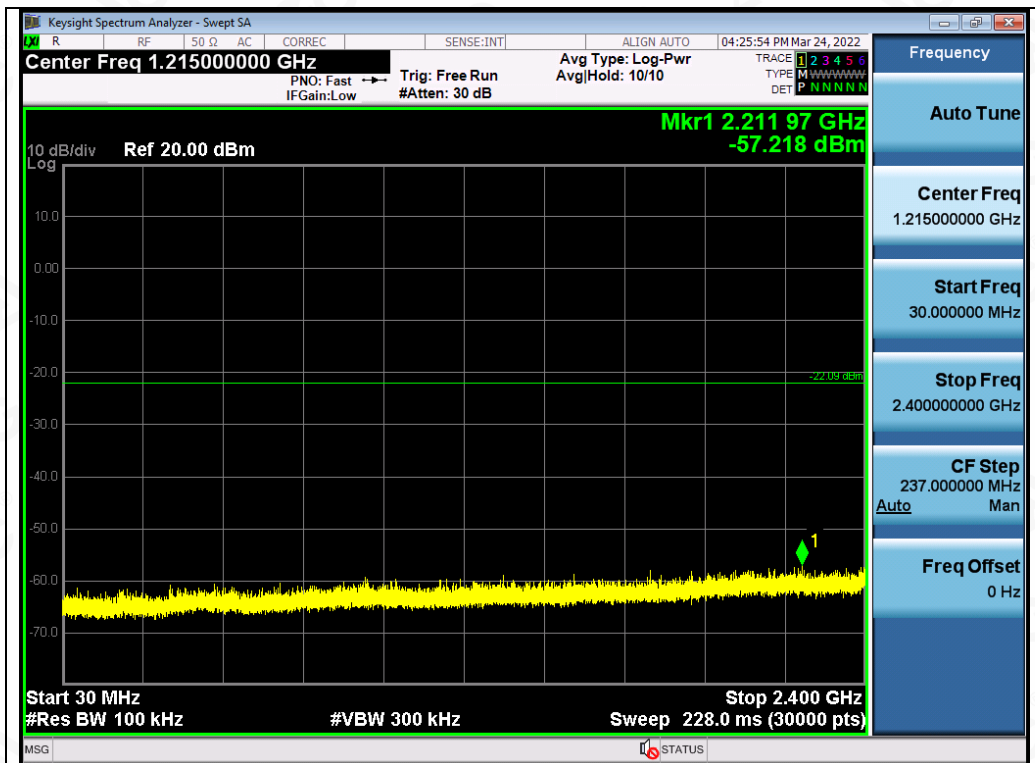


Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_Higher Band Emissions

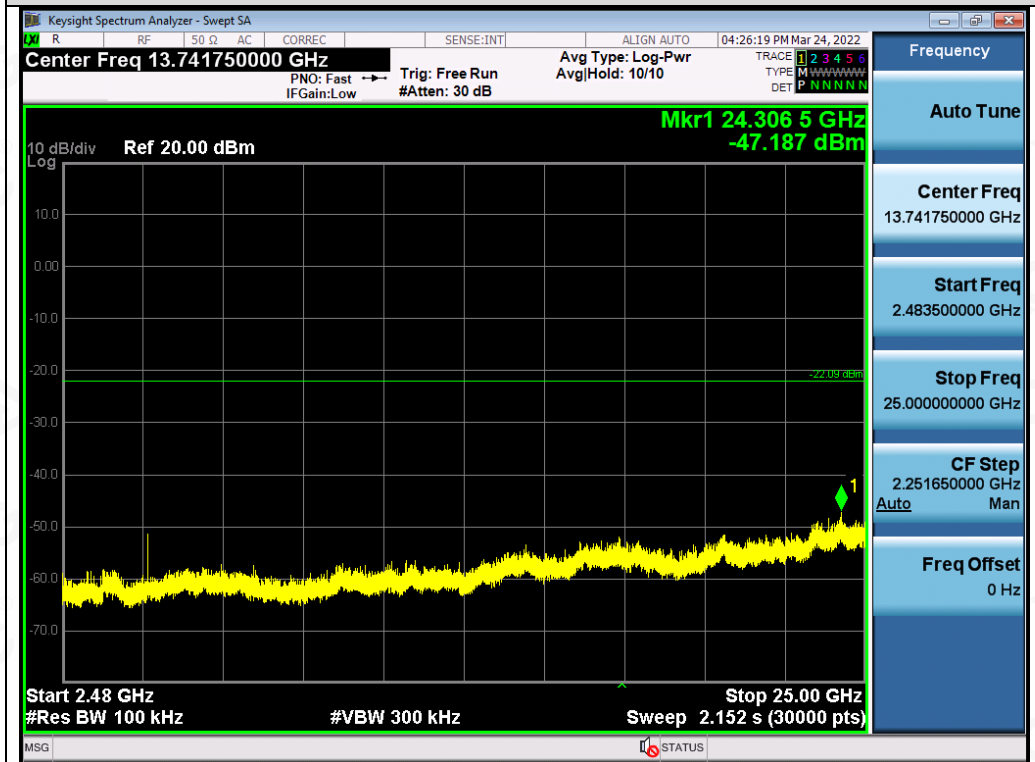
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Test\_Graph\_802.11b\_ANT2\_2437\_1Mbps\_Lower Band Emissions

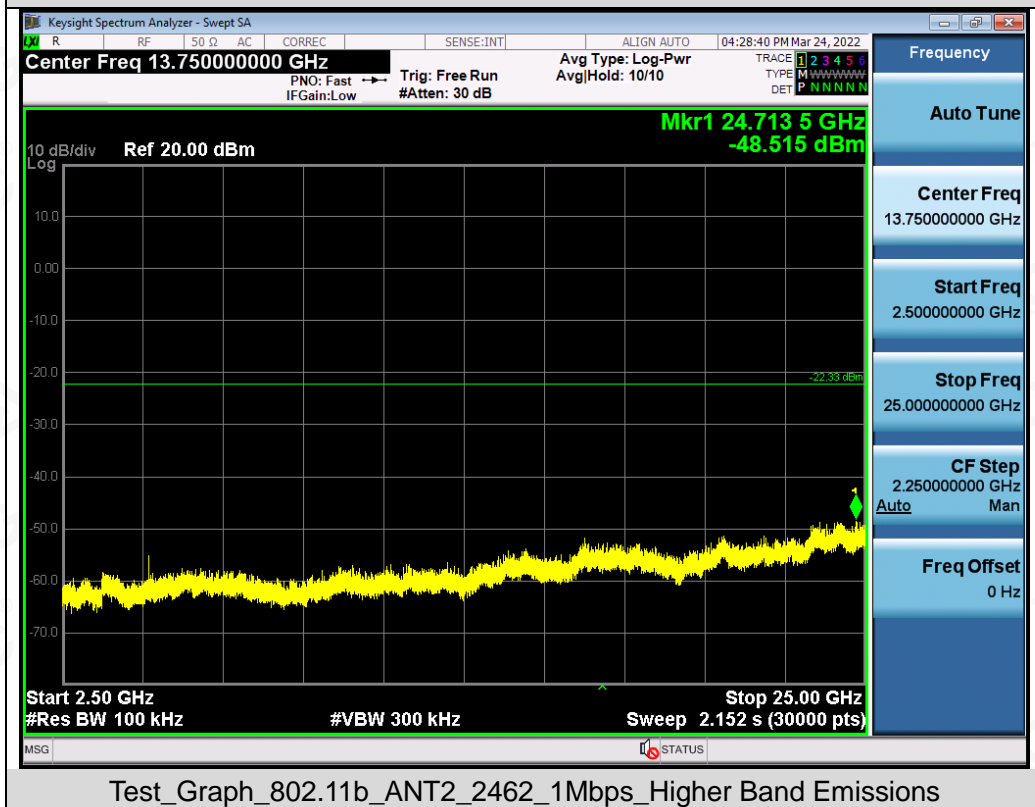
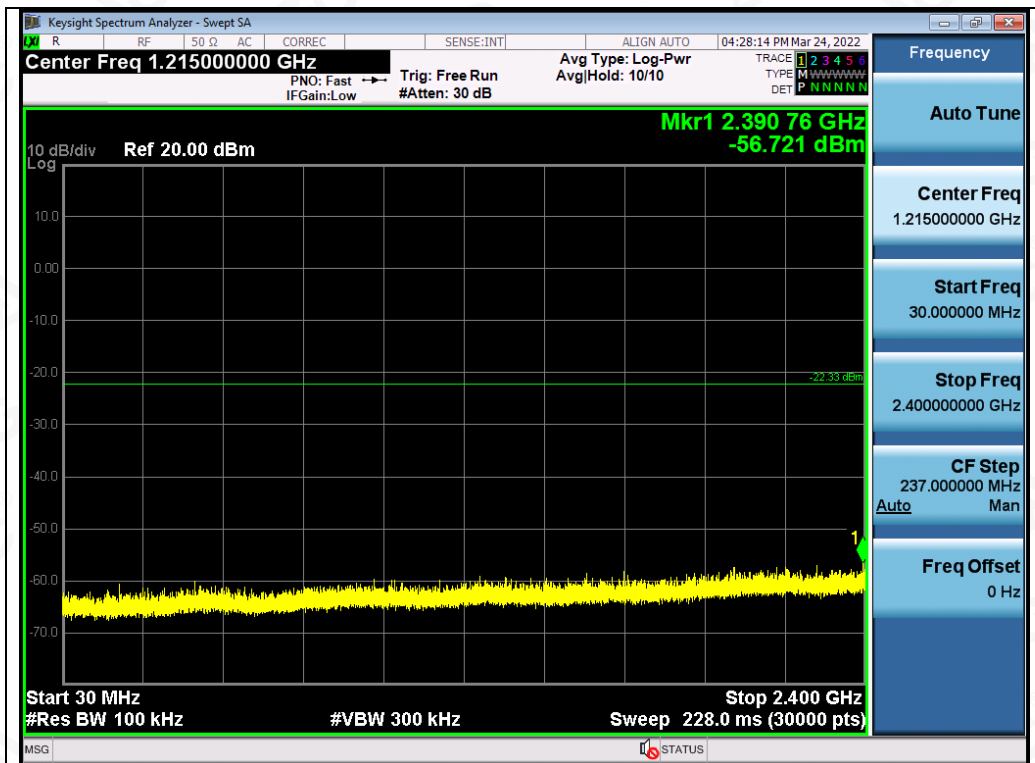


Test\_Graph\_802.11b\_ANT2\_2437\_1Mbps\_Higher Band Emissions

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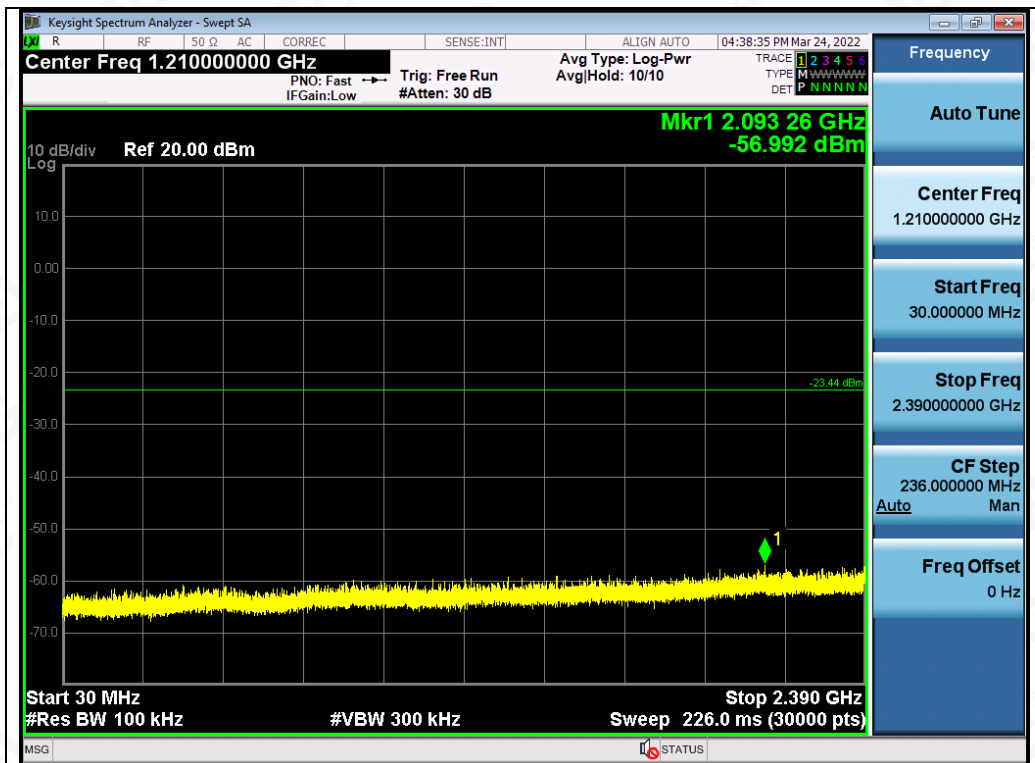


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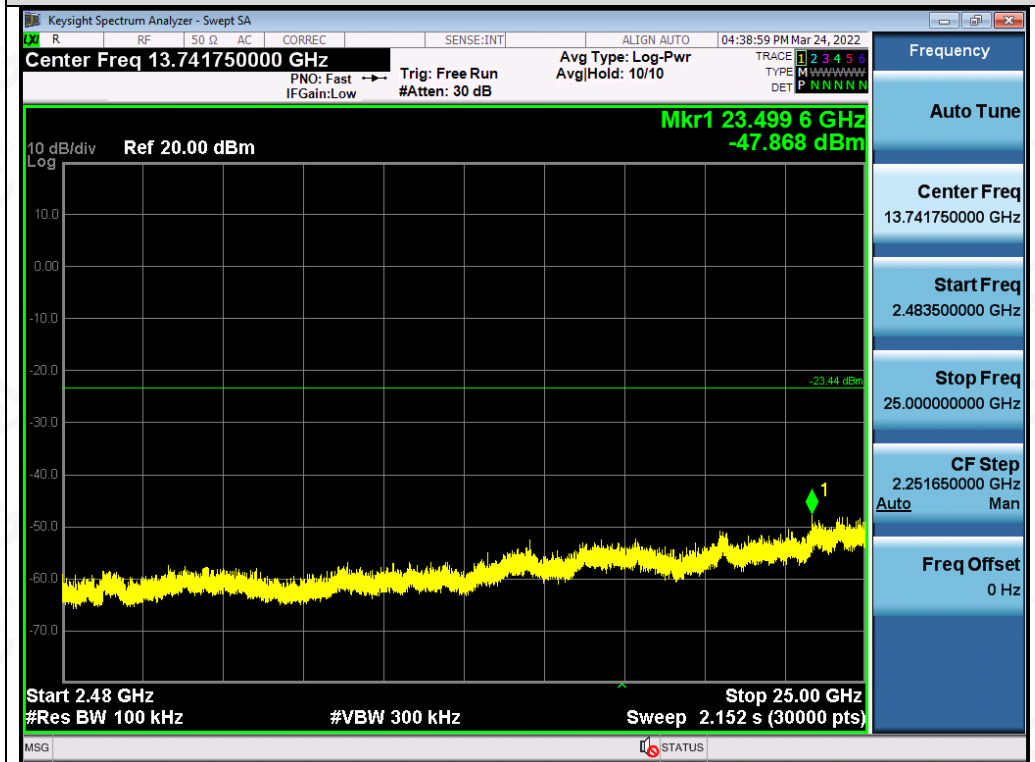
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Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_Lower Band Emissions

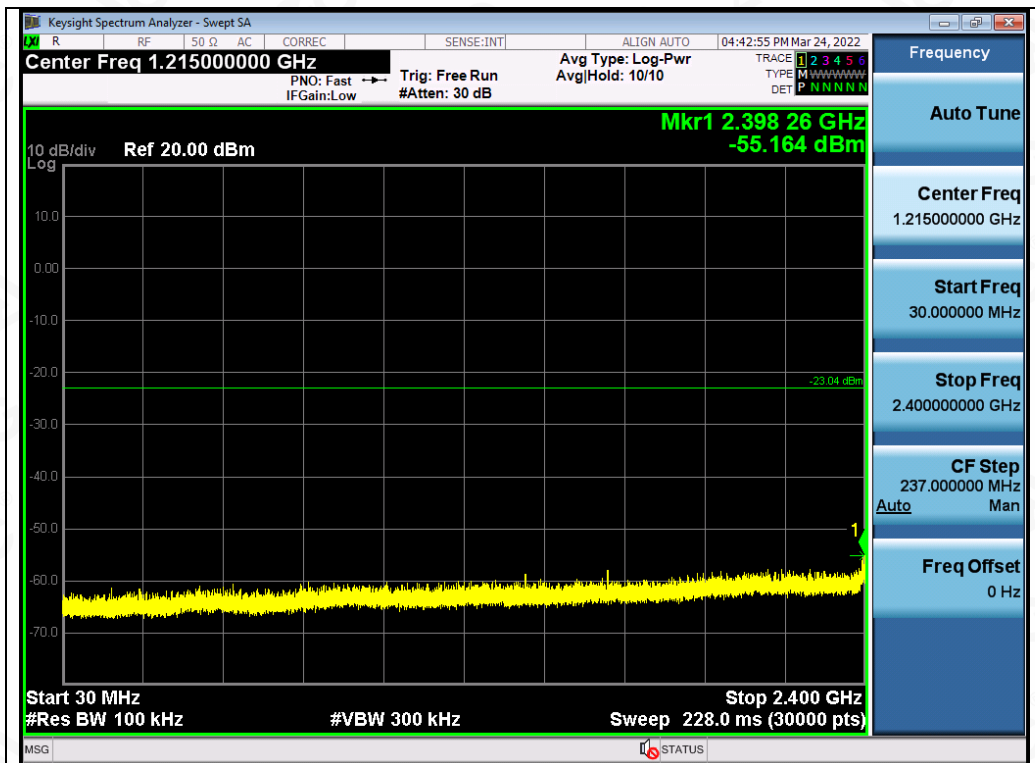


Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_Higher Band Emissions

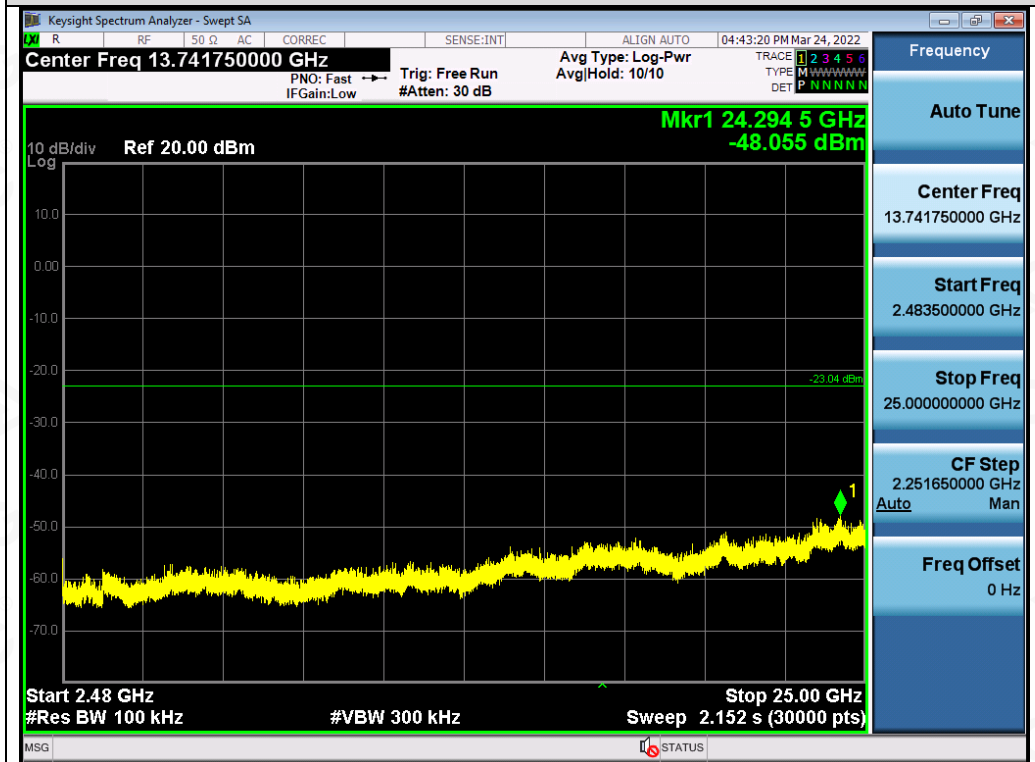
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Test\_Graph\_802.11g\_ANT2\_2437\_6Mbps\_Lower Band Emissions

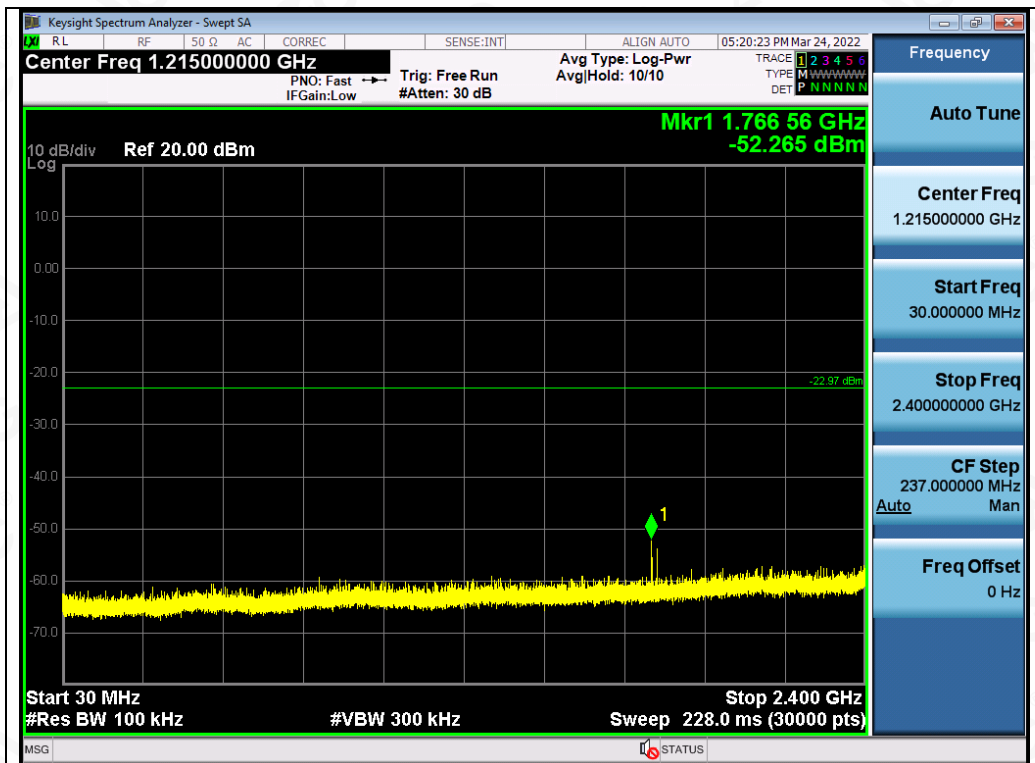


Test\_Graph\_802.11g\_ANT2\_2437\_6Mbps\_Higher Band Emissions

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Test\_Graph\_802.11g\_ANT2\_2462\_6Mbps\_Lower Band Emissions

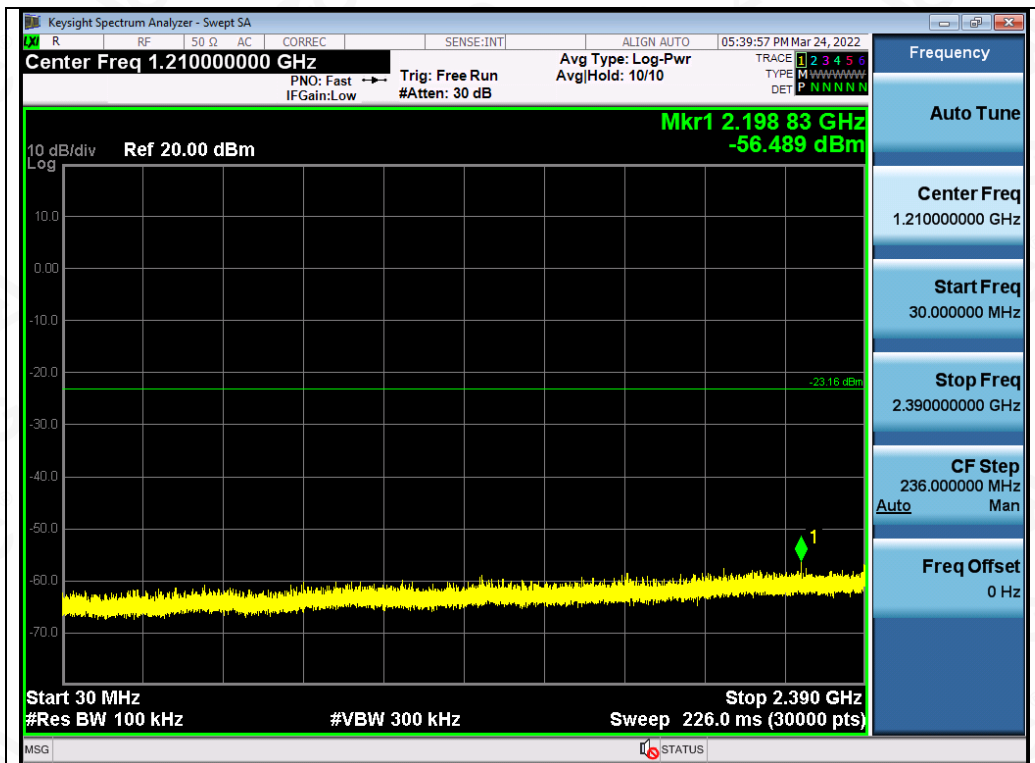


Test\_Graph\_802.11g\_ANT2\_2462\_6Mbps\_Higher Band Emissions

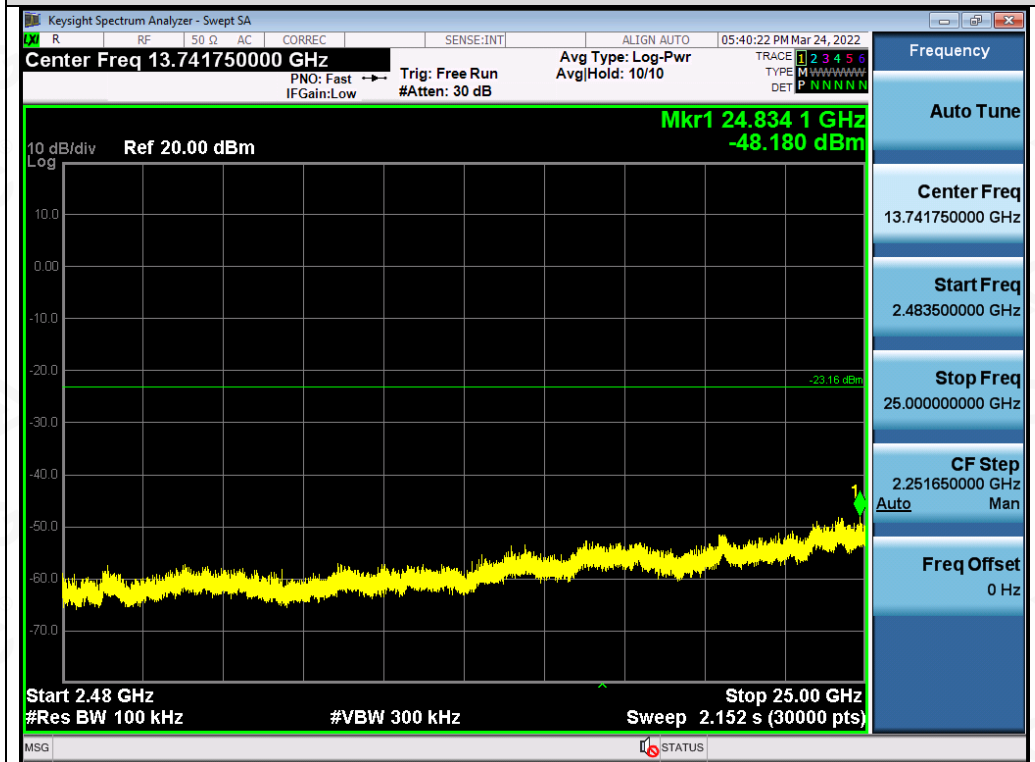
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Test\_Graph\_802.11n20\_ANT2\_2412\_MCS0\_Lower Band Emissions



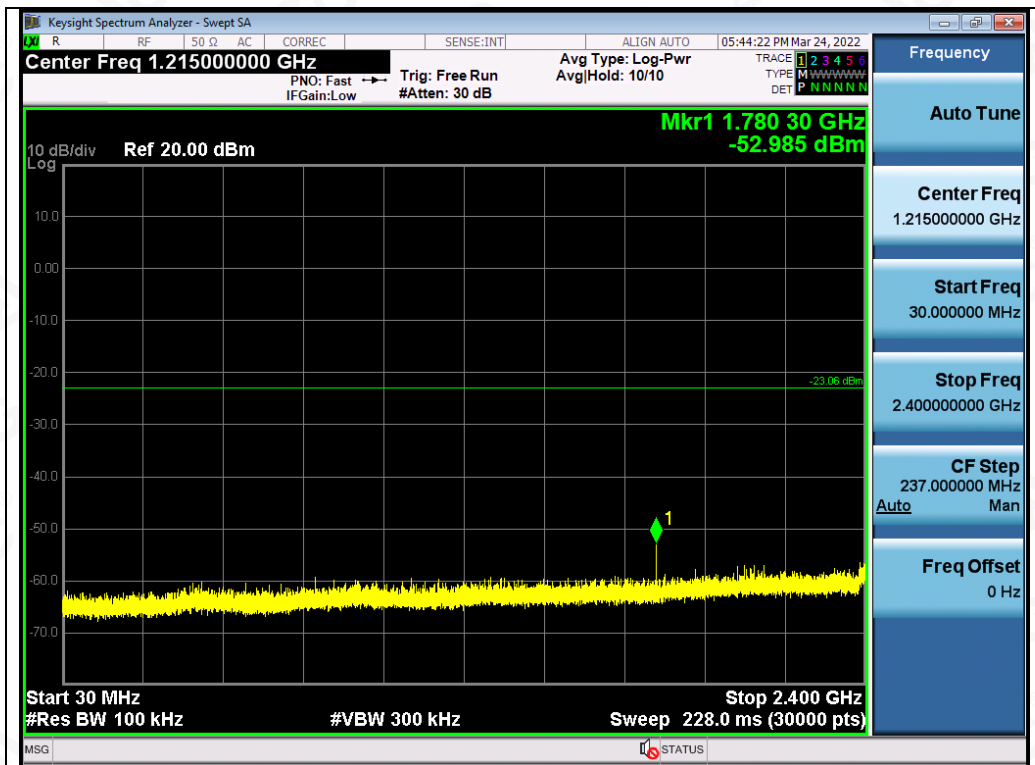
Test\_Graph\_802.11n20\_ANT2\_2412\_MCS0\_Higher Band Emissions

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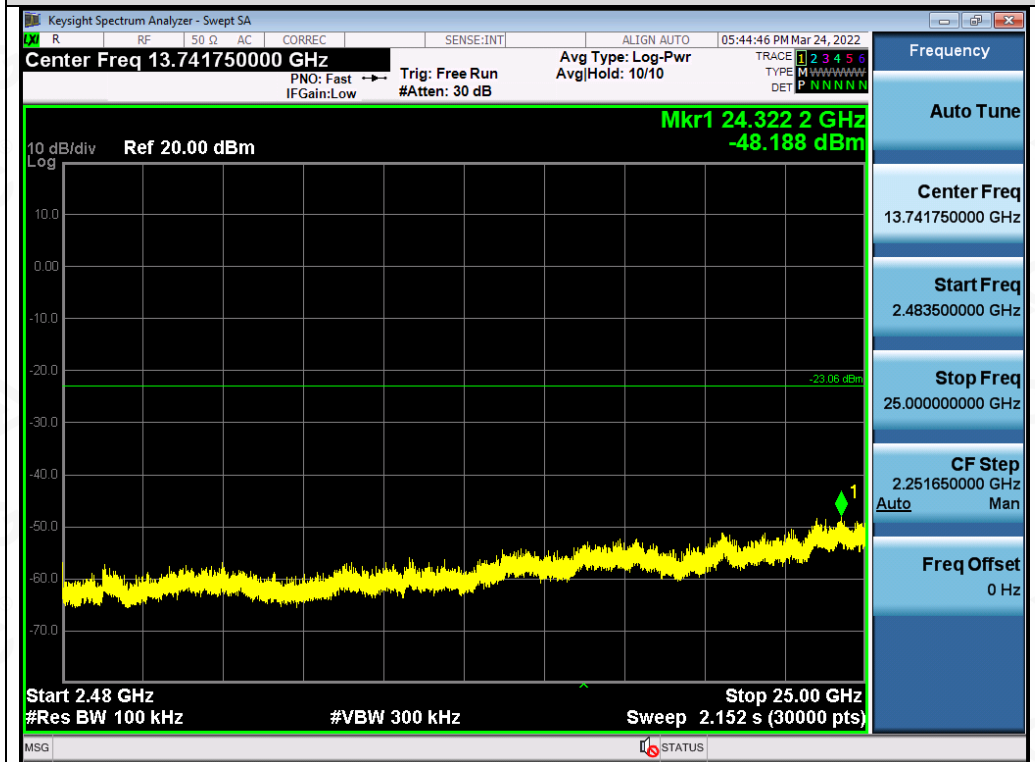
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Test\_Graph\_802.11n20\_ANT2\_2437\_MCS0\_Lower Band Emissions

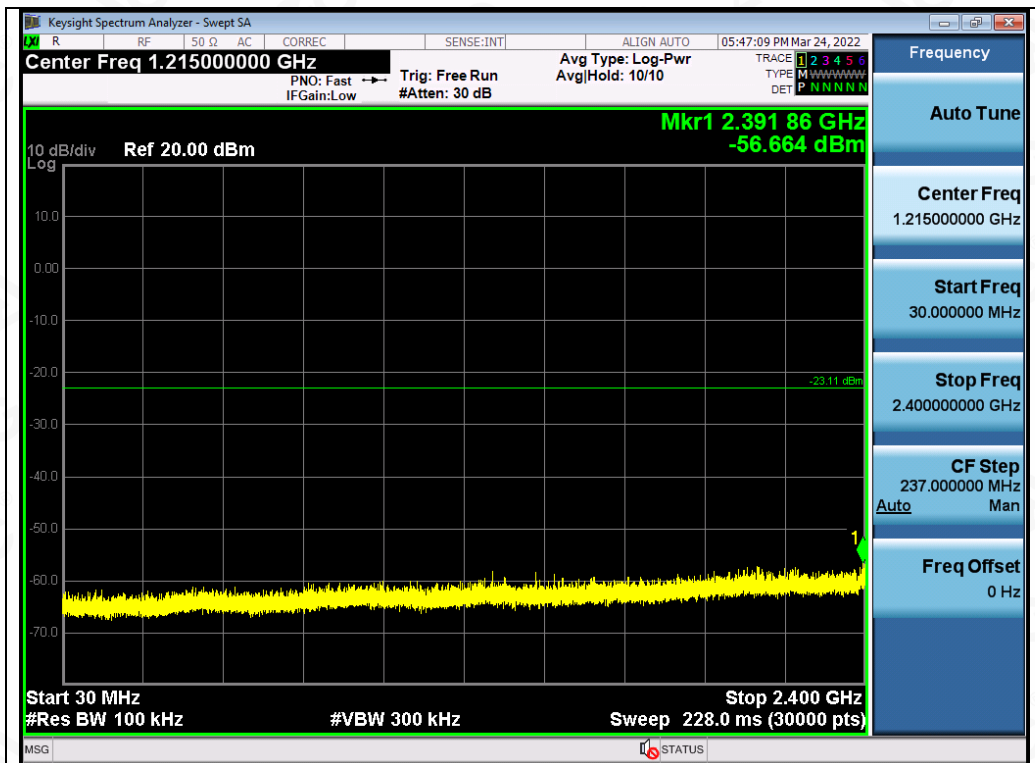


Test\_Graph\_802.11n20\_ANT2\_2437\_MCS0\_Higher Band Emissions

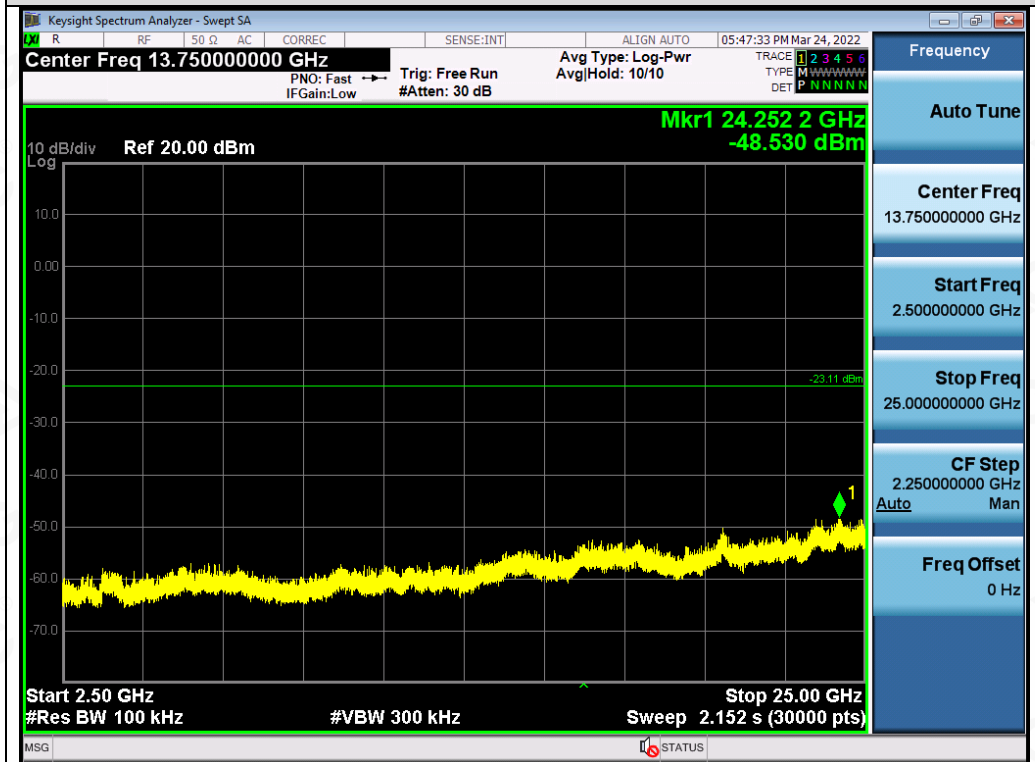
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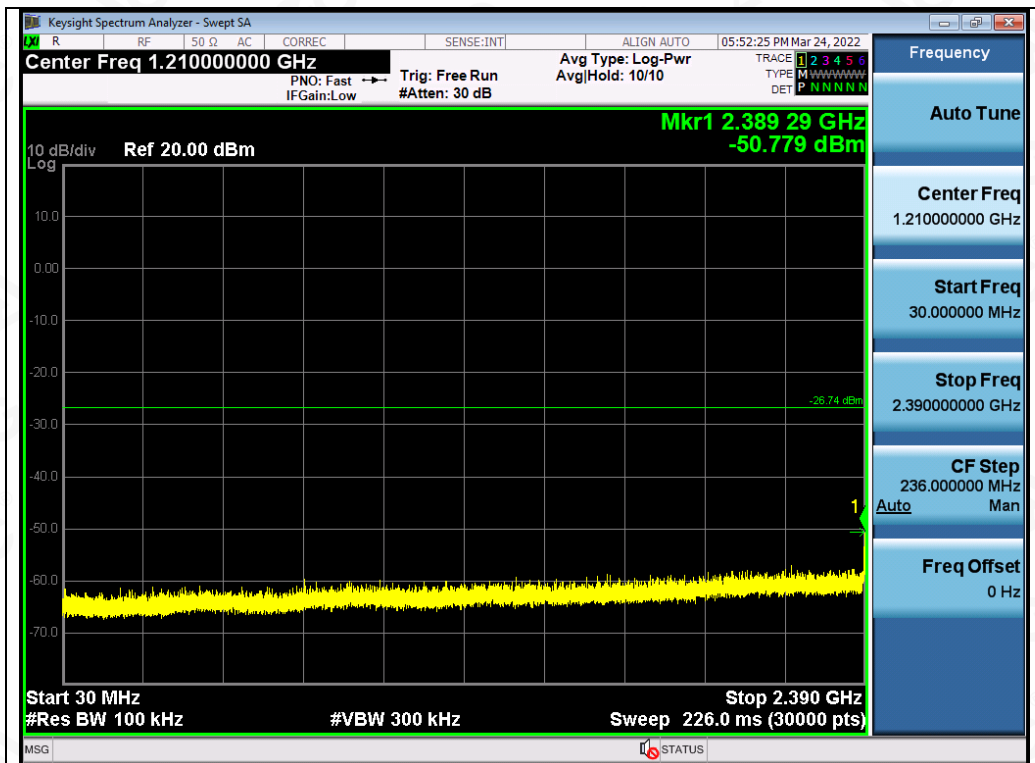


Test\_Graph\_802.11n20\_ANT2\_2462\_MCS0\_Higher Band Emissions

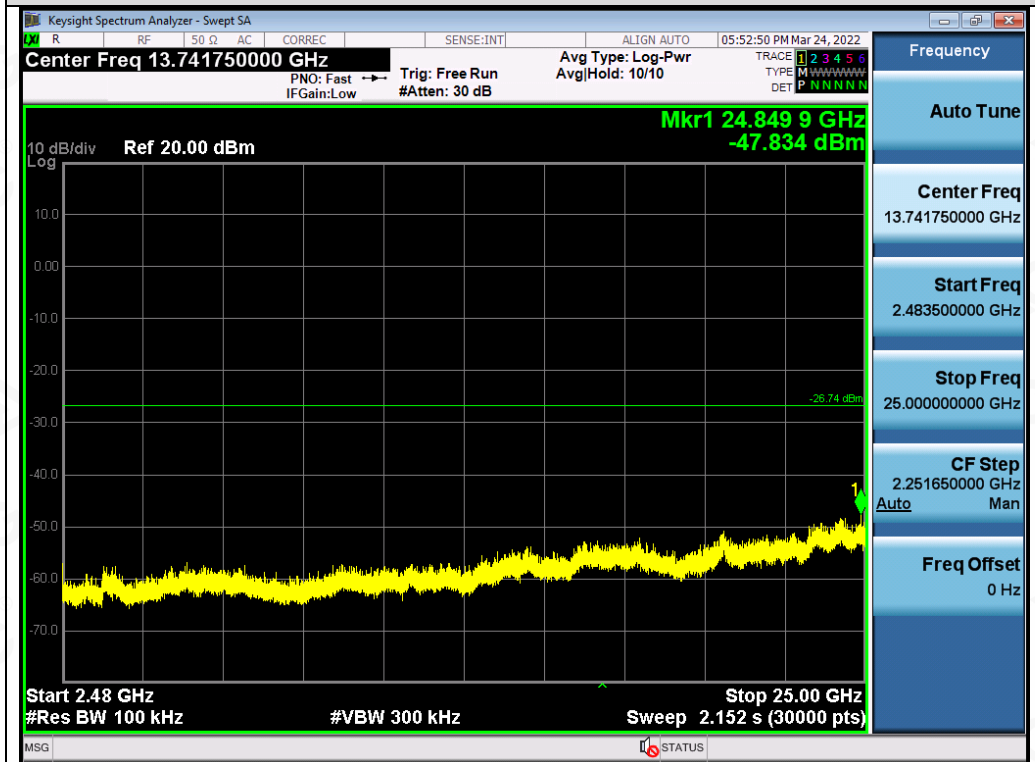
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Test\_Graph\_802.11n40\_ANT2\_2422\_MCS0\_Lower Band Emissions

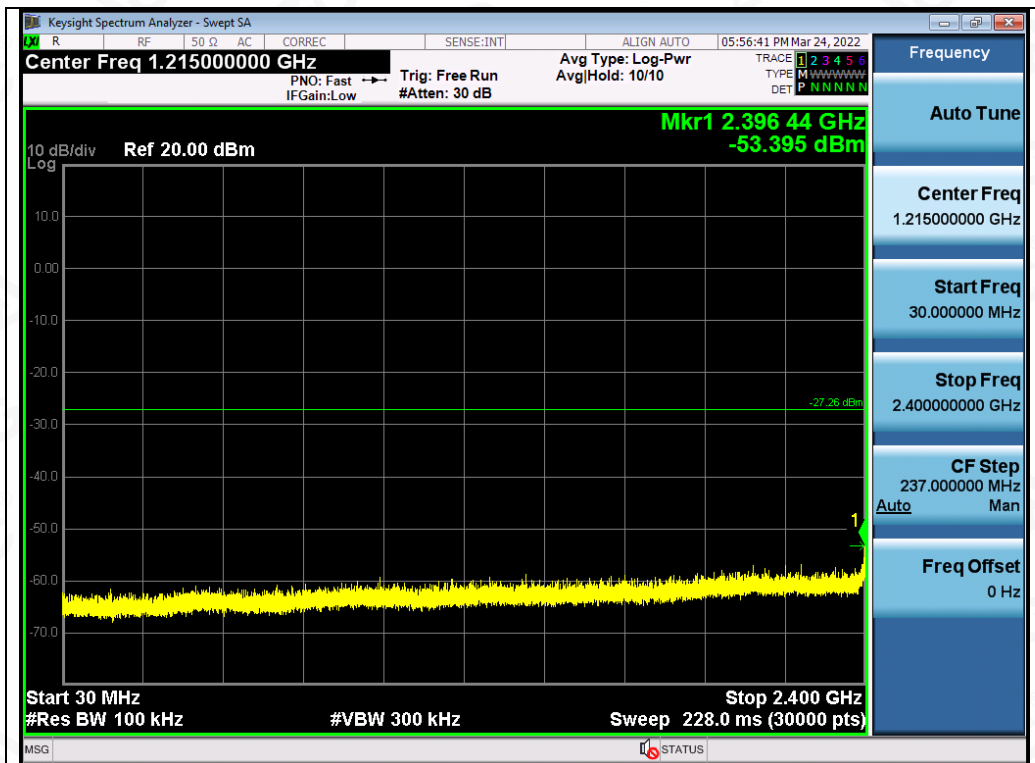


Test\_Graph\_802.11n40\_ANT2\_2422\_MCS0\_Higher Band Emissions

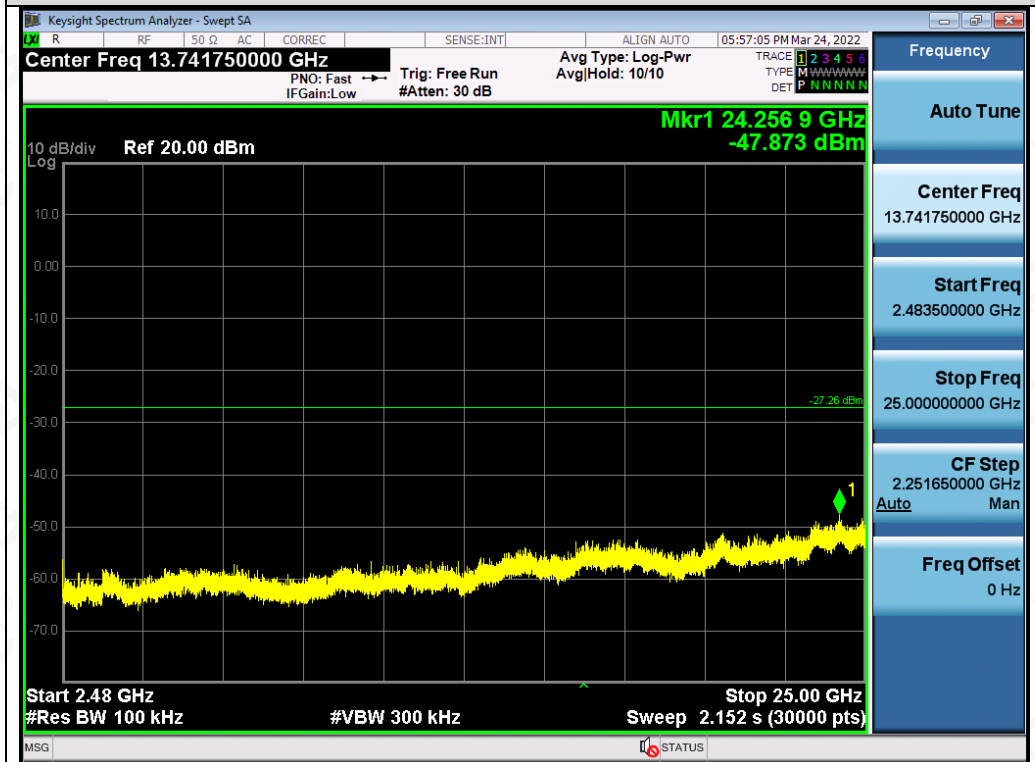
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Test\_Graph\_802.11n40\_ANT2\_2437\_MCS0\_Lower Band Emissions



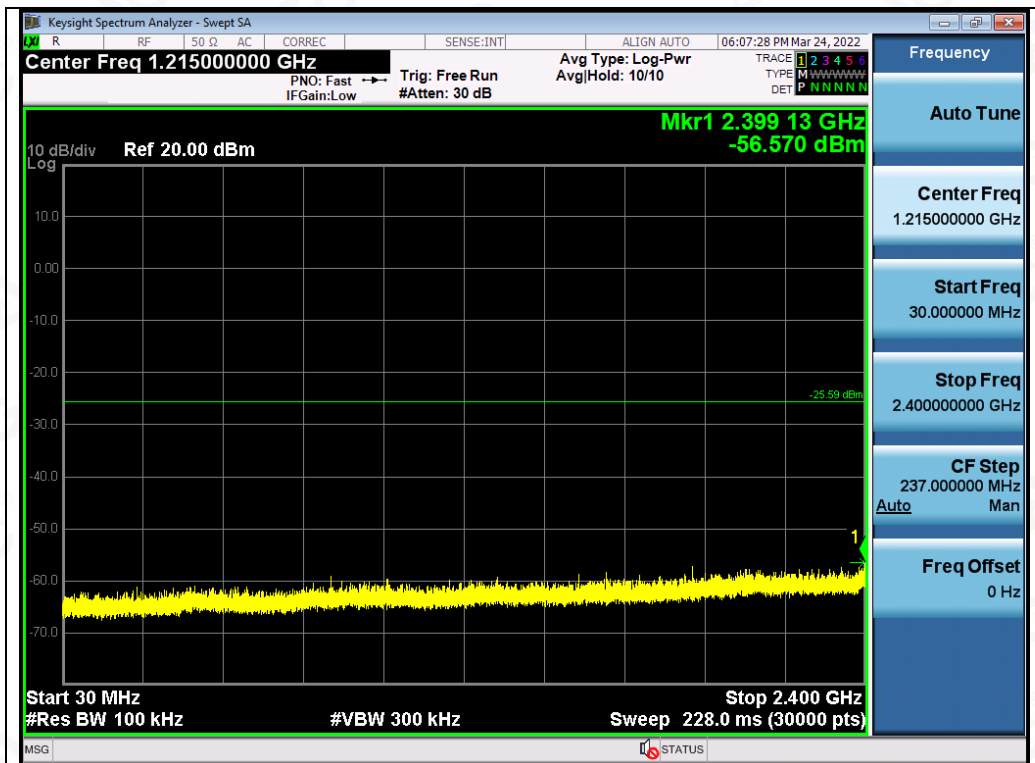
Test\_Graph\_802.11n40\_ANT2\_2437\_MCS0\_Higher Band Emissions

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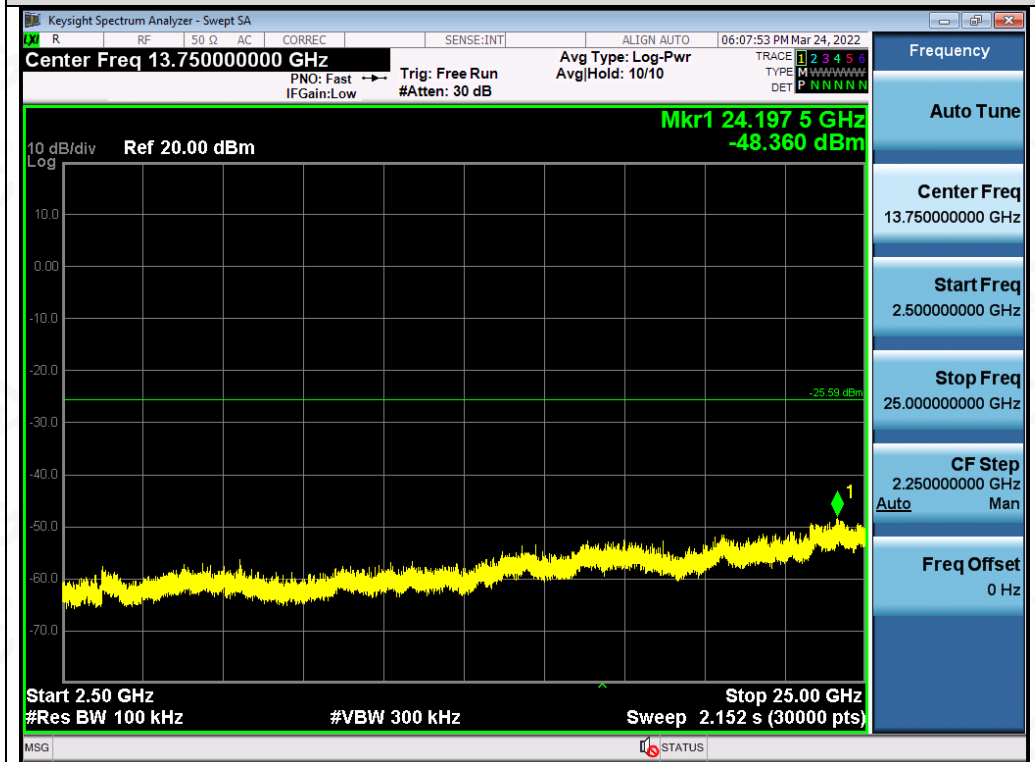
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Test\_Graph\_802.11n40\_ANT2\_2452\_MCS0\_Lower Band Emissions



Test\_Graph\_802.11n40\_ANT2\_2452\_MCS0\_Higher Band Emissions

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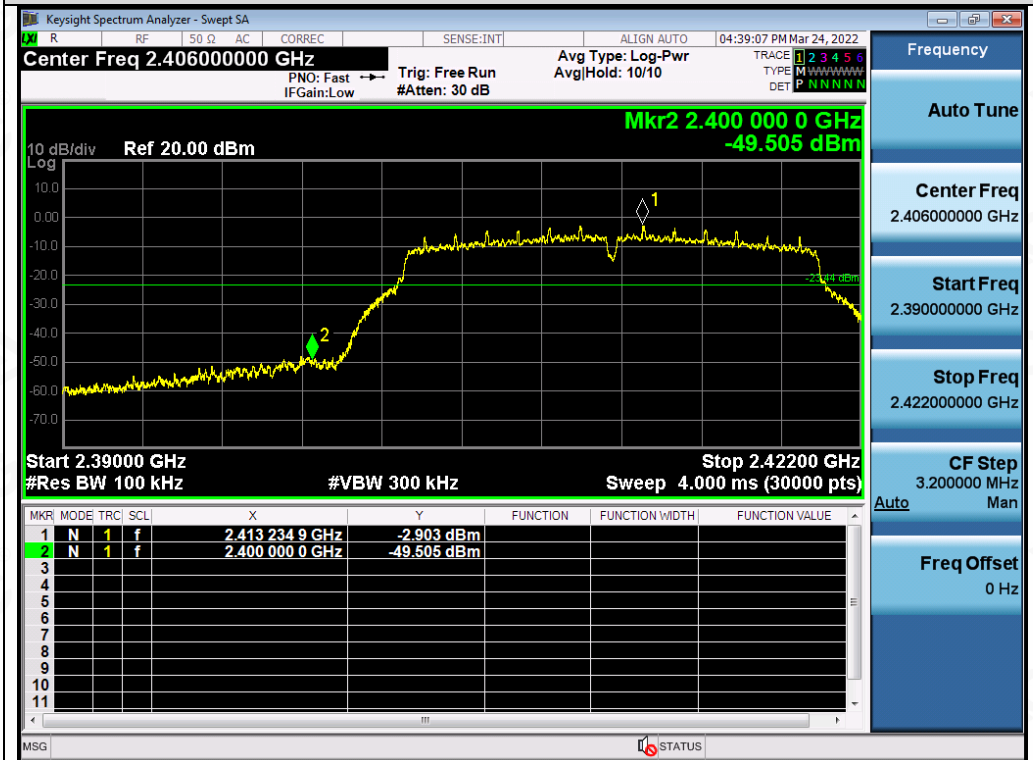
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**Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands-Ant 2**



Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_Lower Band Edge Emissions

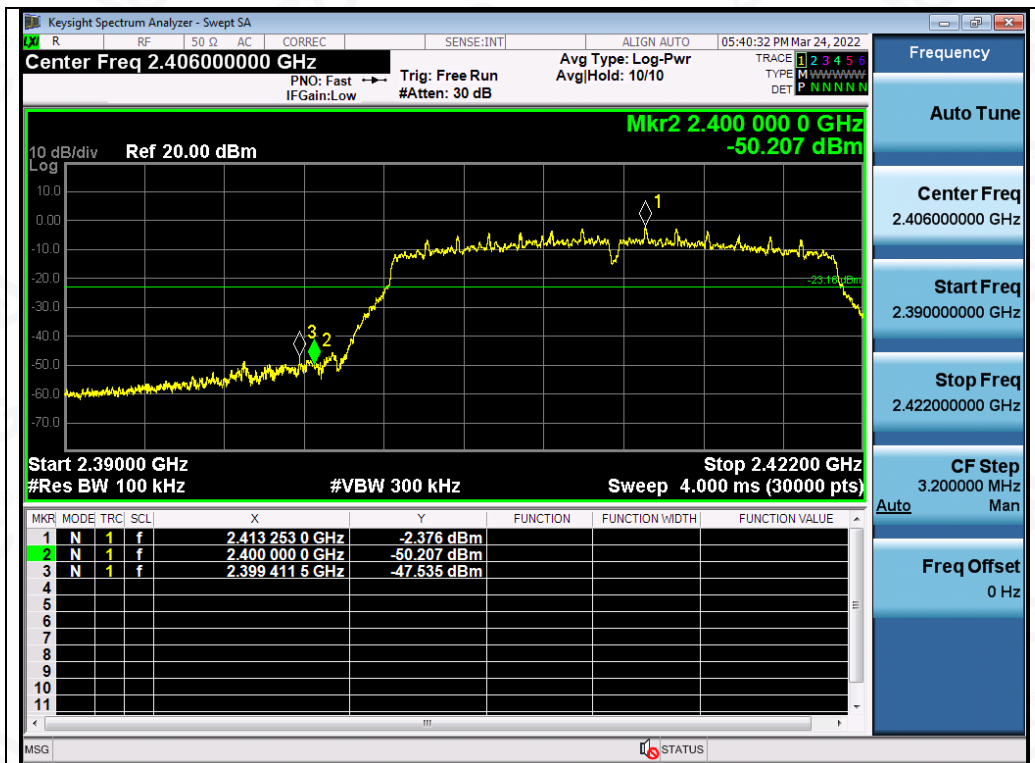


Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_Lower Band Edge Emissions

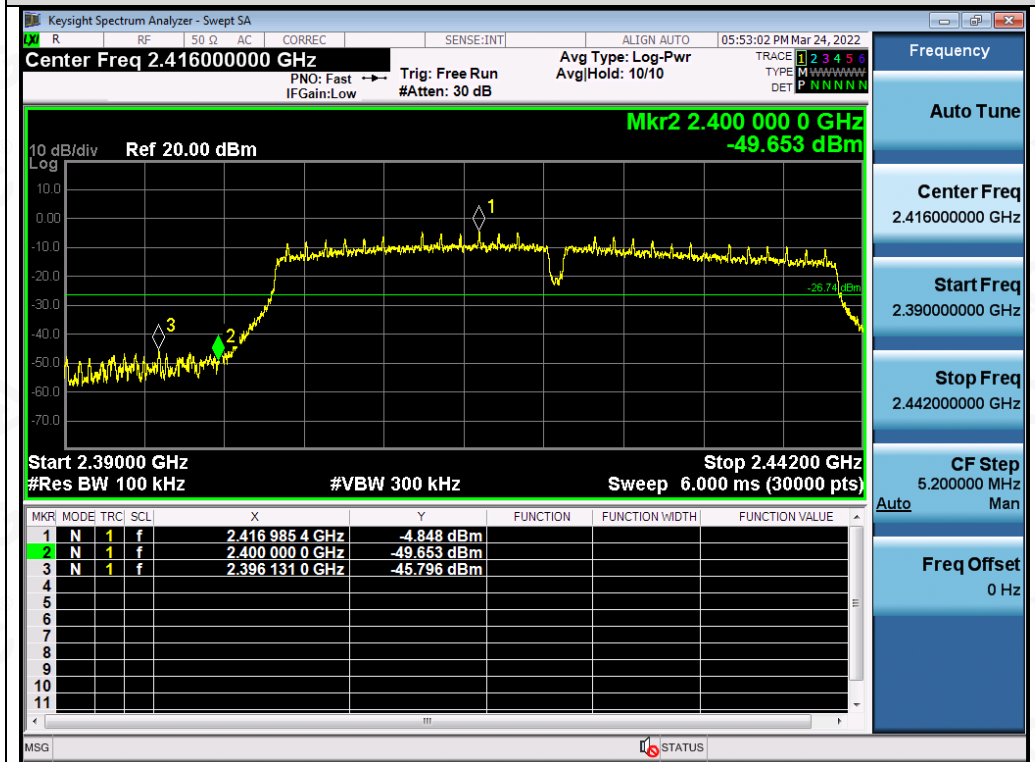
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Test\_Graph\_802.11n20\_ANT2\_2412\_MCS0\_Lower Band Edge Emissions



Test\_Graph\_802.11n40\_ANT2\_2422\_MCS0\_Lower Band Edge Emissions

Note: Emissions from 2483.5-2500MHz which fall in the restricted bands had been considered with the radiated emission limits specified.

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## 10. MAXIMUM CONDUCTED OUTPUT POWER SPECTRAL DENSITY

### 10.1 MEASUREMENT PROCEDURE

- (1). Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- (2). Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- (3). Set SPA Trace 1 Max hold, then View.

Note: The method of PKPSD in the ANSI C63.10 (2013) item 11.10 was used in this testing.

### 10.2 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer to Section 8.2.

### 10.3 MEASUREMENT EQUIPMENT USED

Refer to Section 6.

### 10.4 LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power Spectral Density-Ant 1					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11b	2412	-3.512	-11.751	≤8	Pass
	2437	-3.447	-11.686	≤8	Pass
	2462	-3.742	-11.981	≤8	Pass
802.11g	2412	-10.269	-18.508	≤8	Pass
	2437	-9.374	-17.613	≤8	Pass
	2462	-10.312	-18.551	≤8	Pass
802.11n20	2412	-11.169	-19.408	≤8	Pass
	2437	-11.009	-19.248	≤8	Pass
	2462	-12.386	-20.625	≤8	Pass
802.11n40	2422	-12.187	-20.426	≤8	Pass
	2437	-13.886	-22.125	≤8	Pass
	2452	-11.896	-20.135	≤8	Pass

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Test Data of Conducted Output Power Spectral Density-Ant 2					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11b	2412	-7.153	-15.392	≤8	Pass
	2437	-7.843	-16.082	≤8	Pass
	2462	-7.180	-15.419	≤8	Pass
802.11g	2412	-9.592	-17.831	≤8	Pass
	2437	-8.201	-16.44	≤8	Pass
	2462	-10.022	-18.261	≤8	Pass
802.11n20	2412	-8.558	-16.797	≤8	Pass
	2437	-8.355	-16.594	≤8	Pass
	2462	-8.028	-16.267	≤8	Pass
802.11n40	2422	-12.336	-20.575	≤8	Pass
	2437	-12.856	-21.095	≤8	Pass
	2452	-10.051	-18.29	≤8	Pass

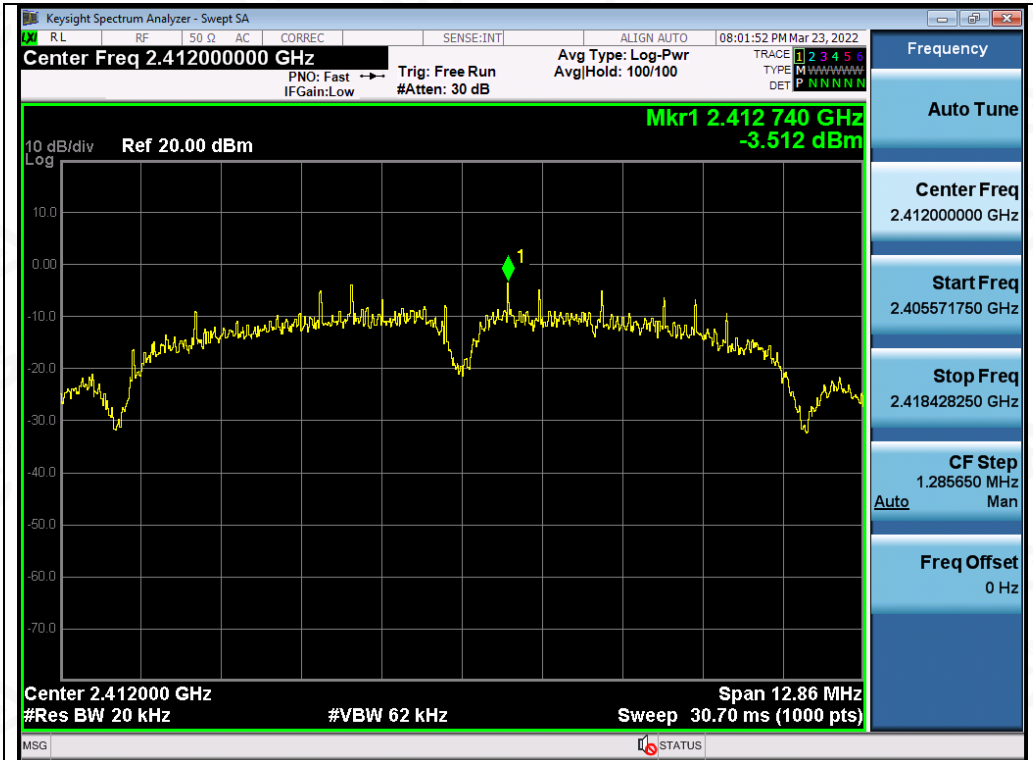
Test Data of Conducted Output Power Spectral Density-MIMO					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11n20	2412	-6.66	-14.90	≤8	Pass
	2437	-6.47	-14.71	≤8	Pass
	2462	-6.67	-14.91	≤8	Pass
802.11n40	2422	-9.25	-17.49	≤8	Pass
	2437	-10.33	-18.57	≤8	Pass
	2452	-7.87	-16.10	≤8	Pass

Note: Power density(dBm/3kHz) = Power density(dBm/20kHz) – 10\*log(20/3).

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### Test Graphs of Conducted Output Power Spectral Density-Ant 1



Test\_Graph\_802.11b\_ANT1\_2412\_1Mbps\_PSD



Test\_Graph\_802.11b\_ANT1\_2437\_1Mbps\_PSD

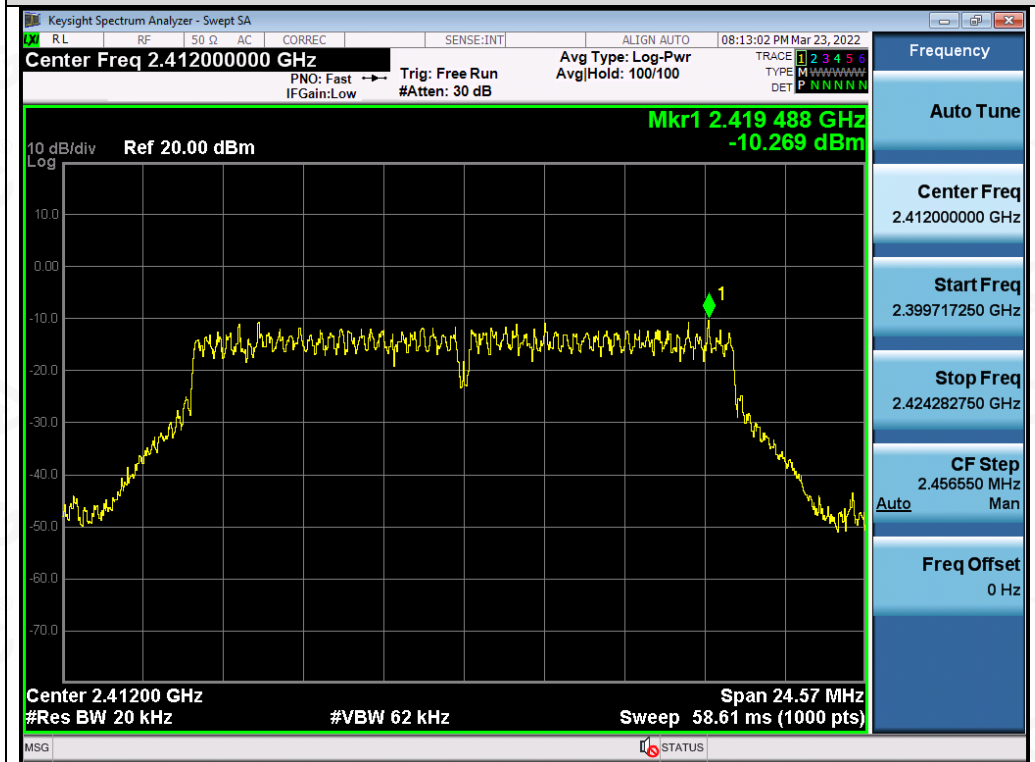
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Test\_Graph\_802.11b\_ANT1\_2462\_1Mbps\_PSD

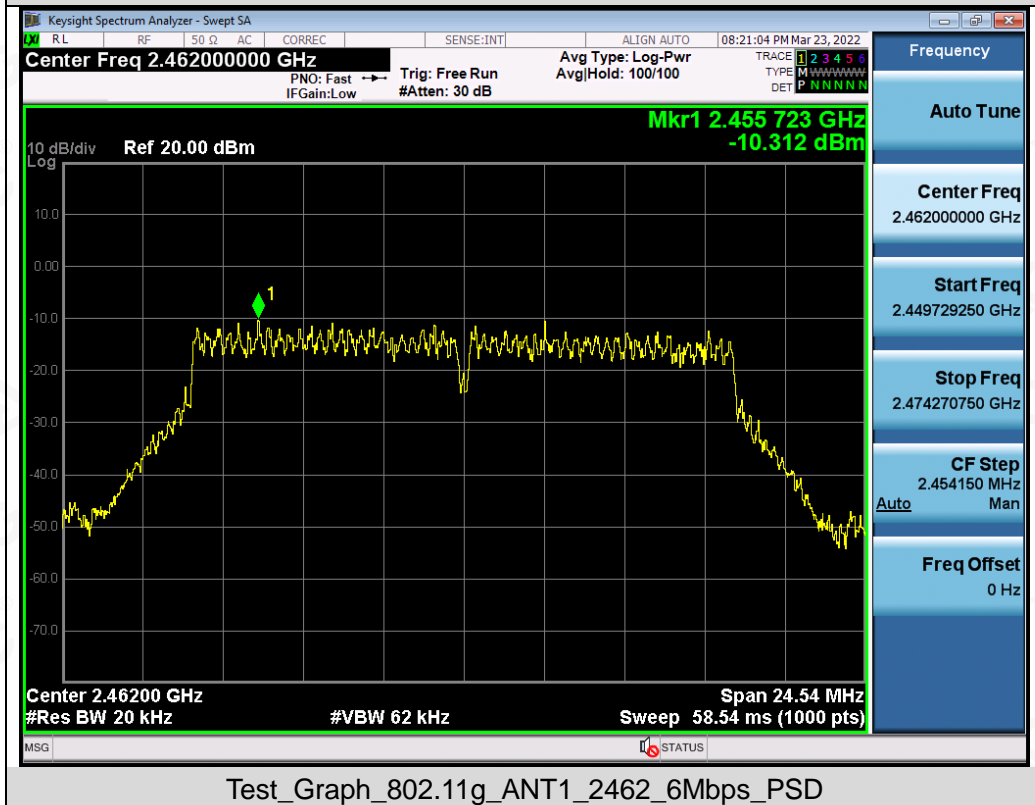
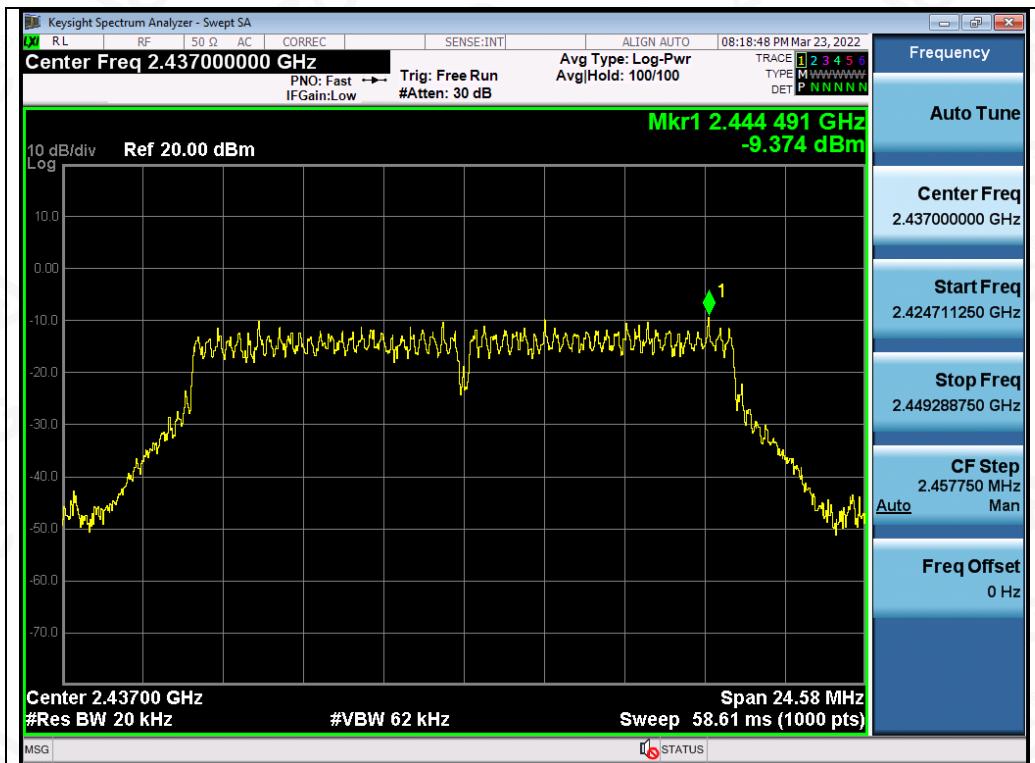


Test\_Graph\_802.11g\_ANT1\_2412\_6Mbps\_PSD

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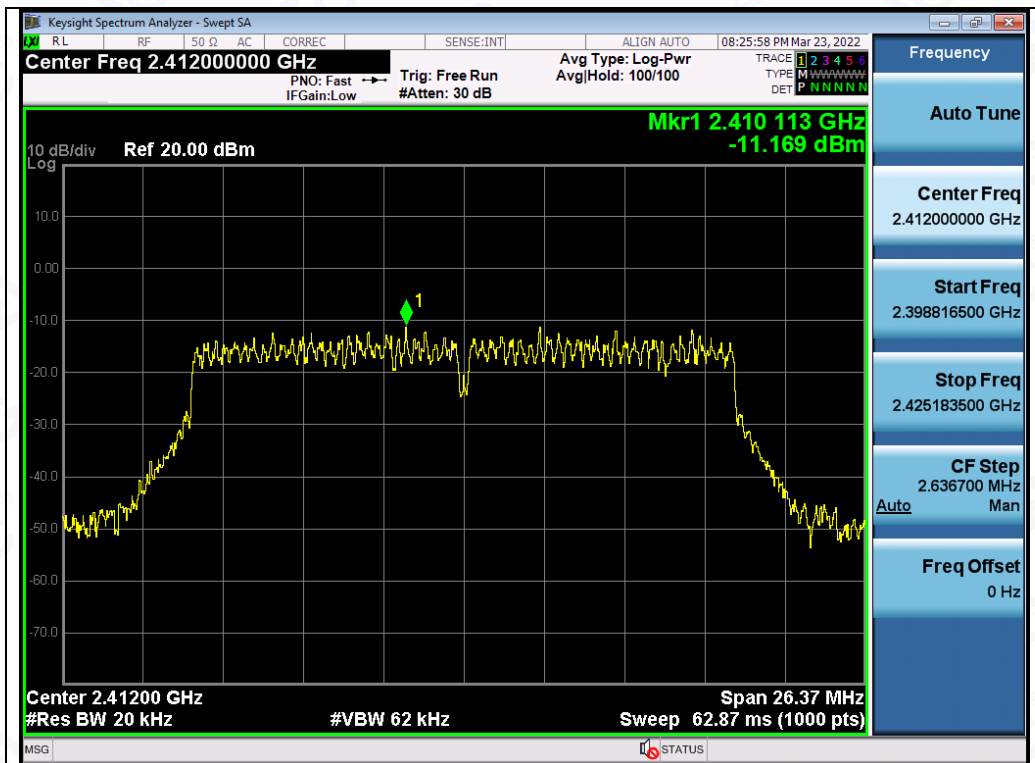


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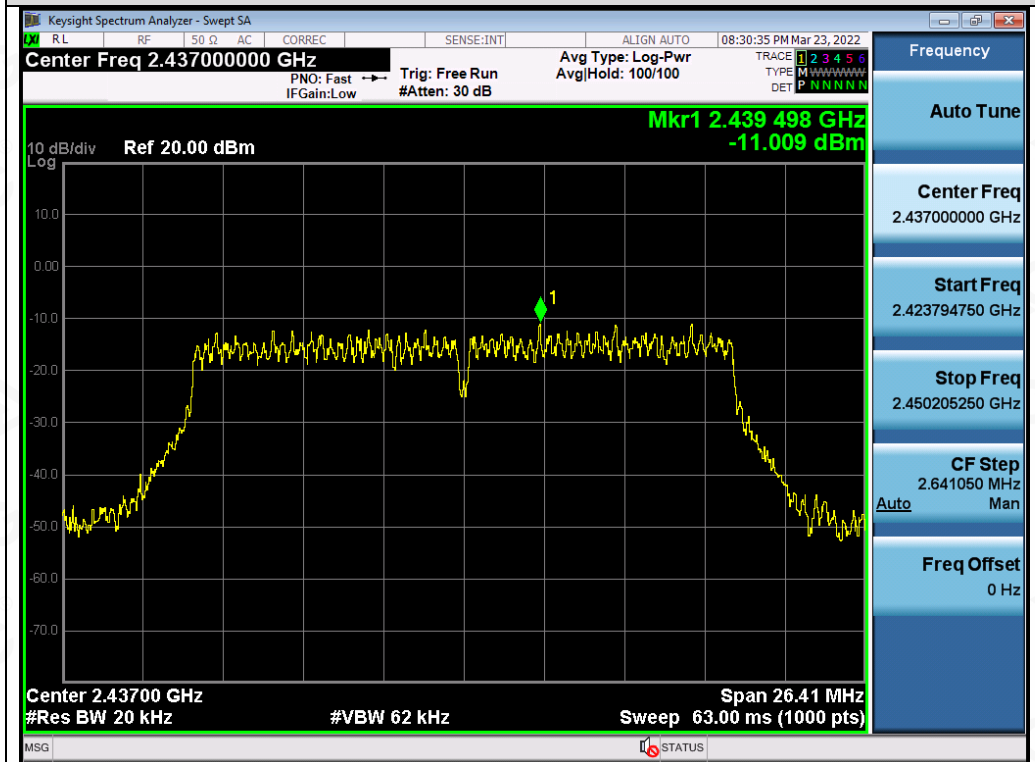
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Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_PSD

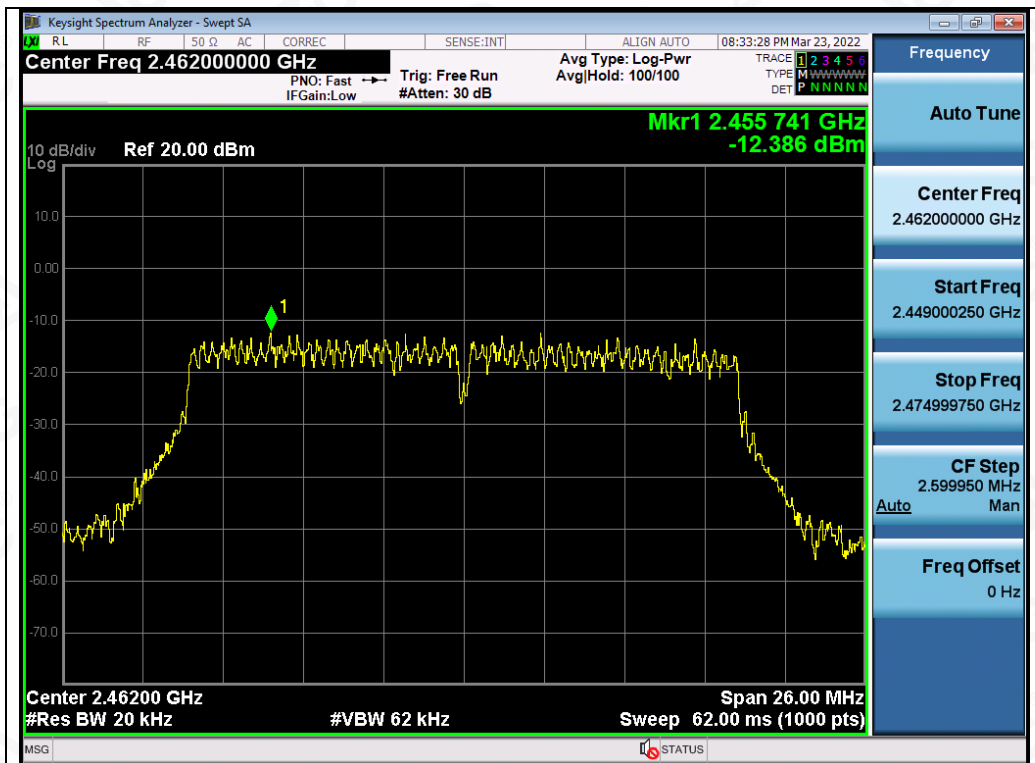


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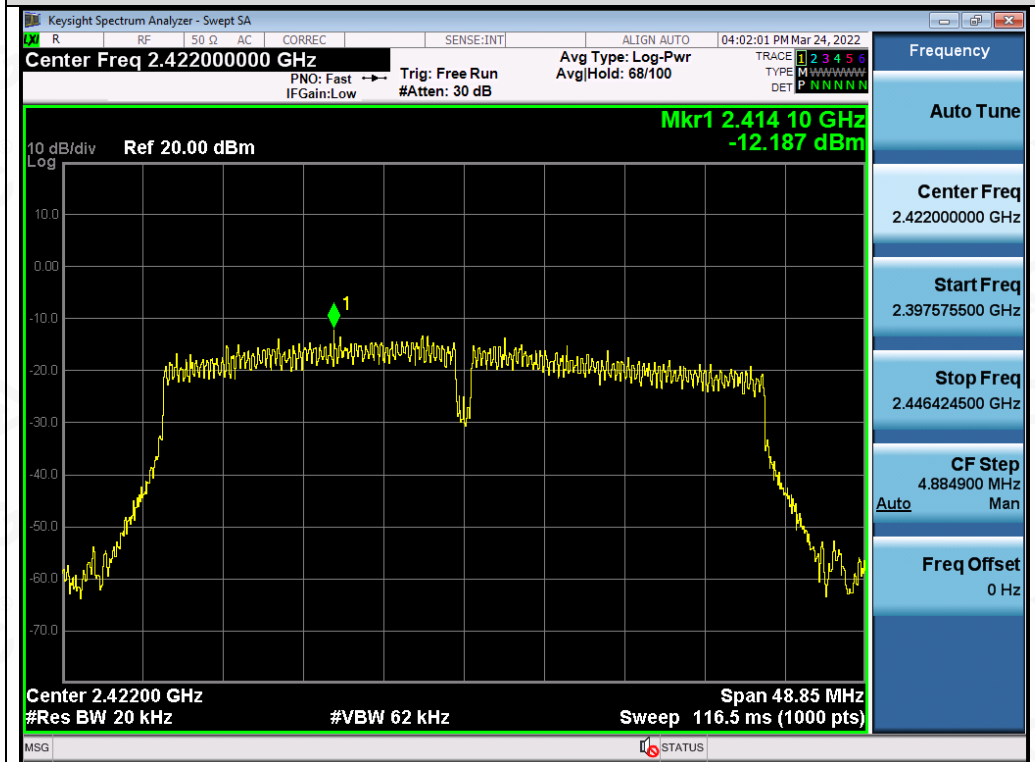
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Test\_Graph\_802.11n20\_ANT1\_2462\_MCS0\_PSD

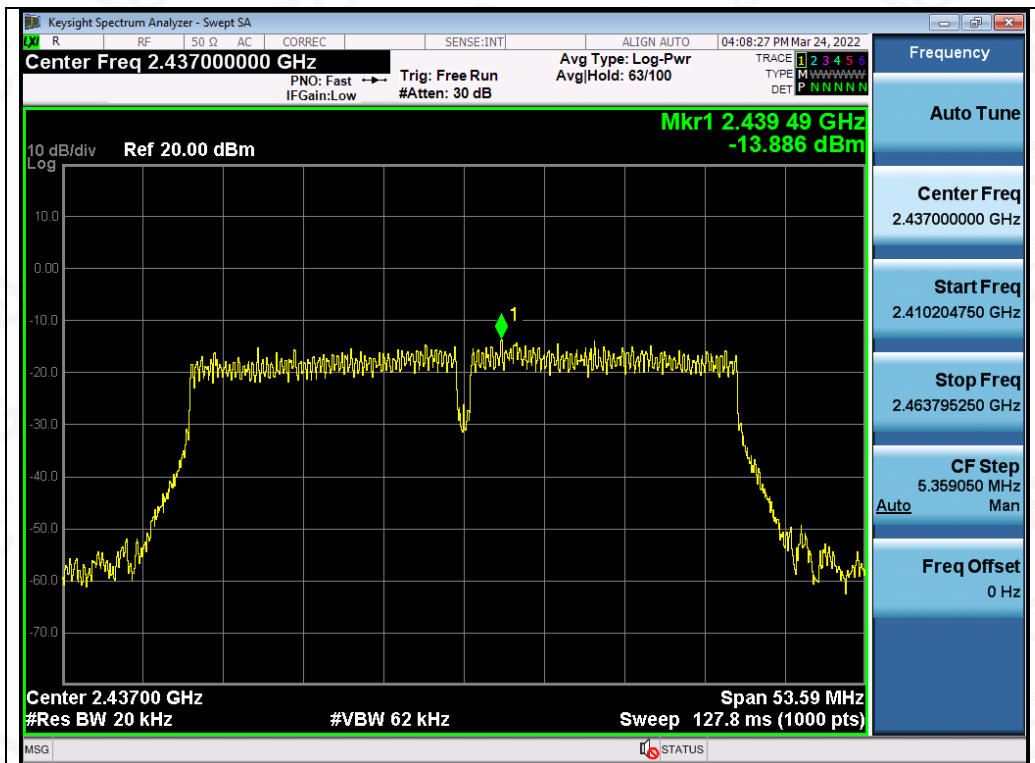


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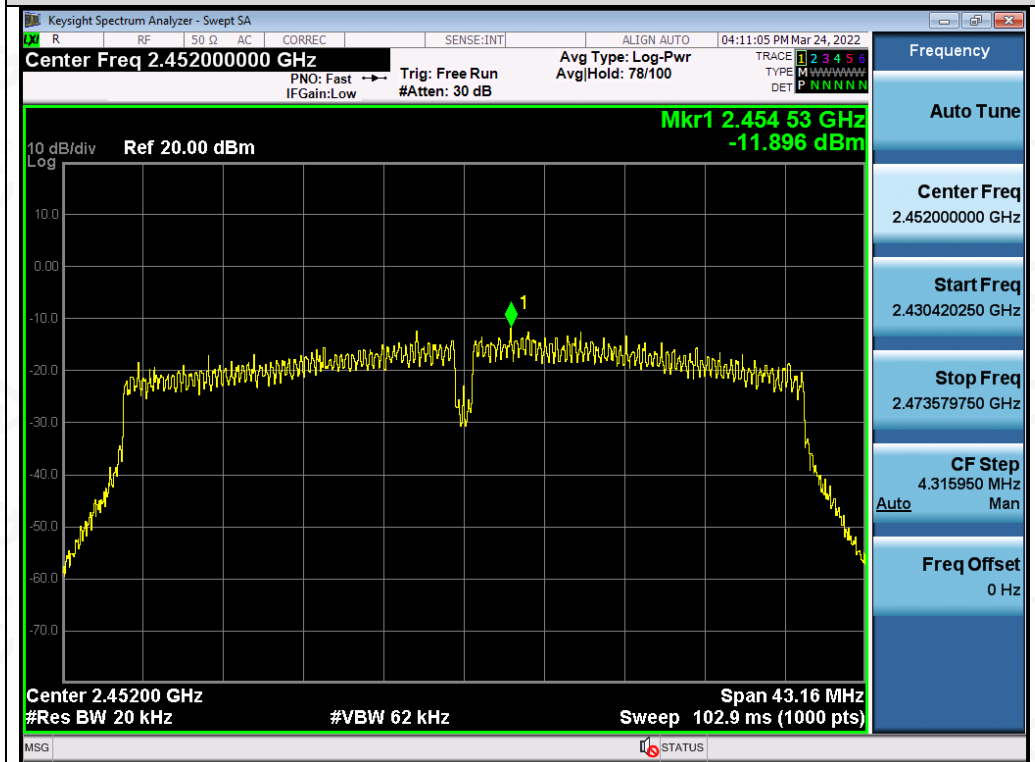
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Test\_Graph\_802.11n40\_ANT1\_2437\_MCS0\_PSD



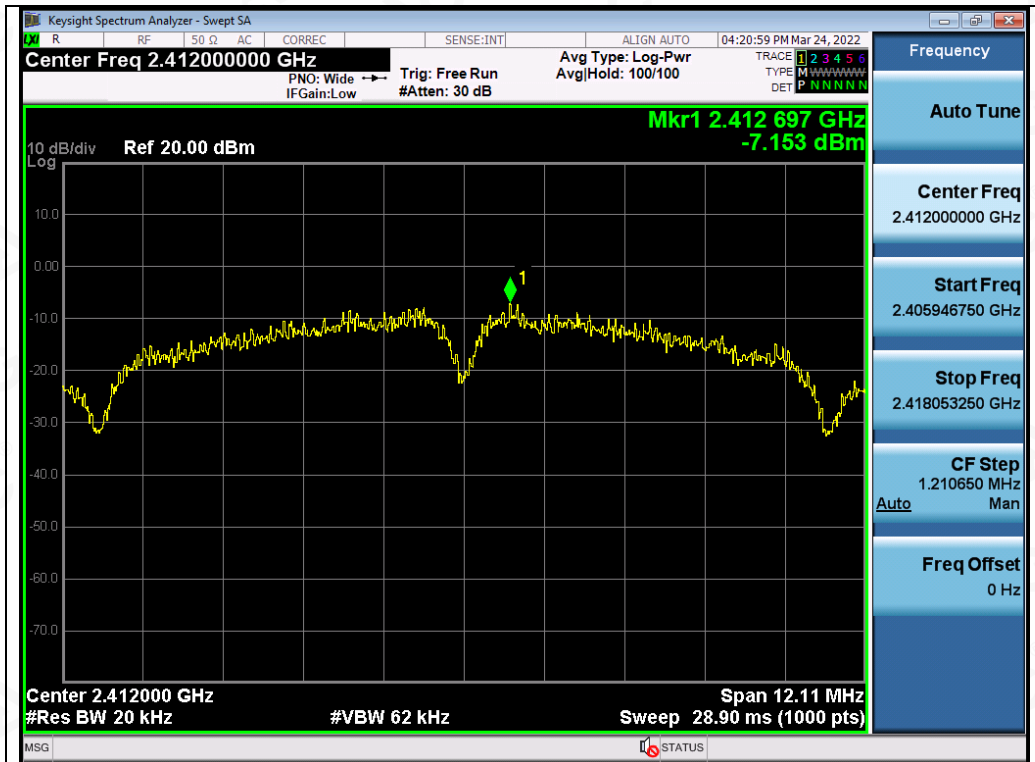
Test\_Graph\_802.11n40\_ANT1\_2452\_MCS0\_PSD

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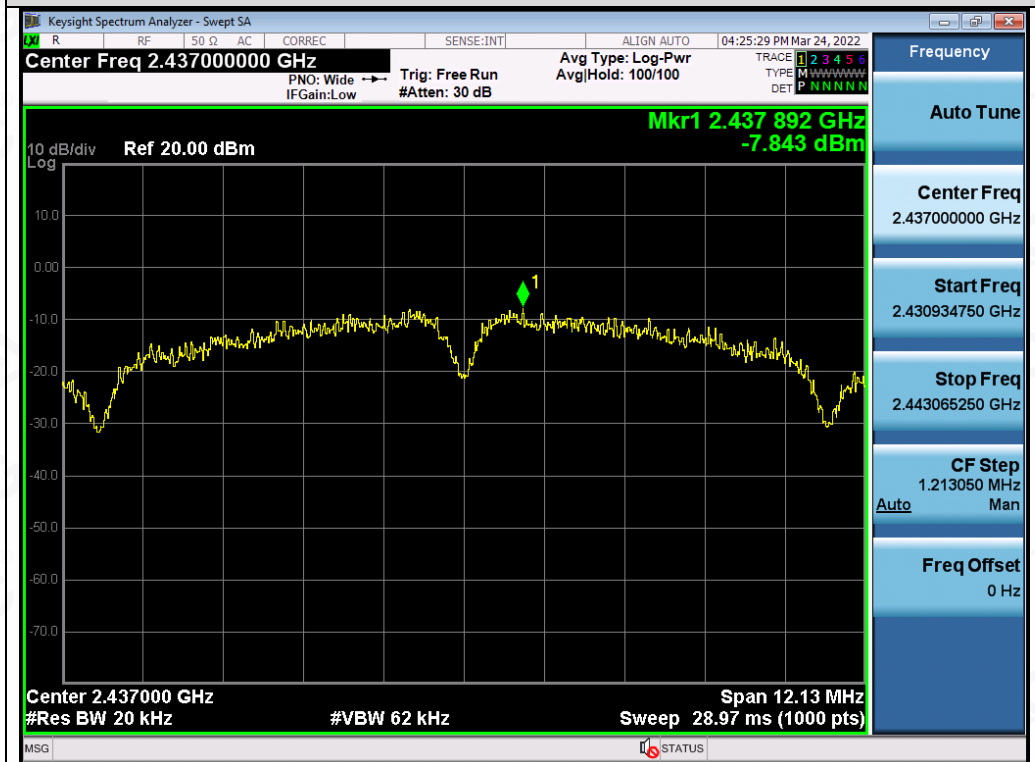
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### Test Graphs of Conducted Output Power Spectral Density-Ant 2



Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_PSD



Test\_Graph\_802.11b\_ANT2\_2437\_1Mbps\_PSD

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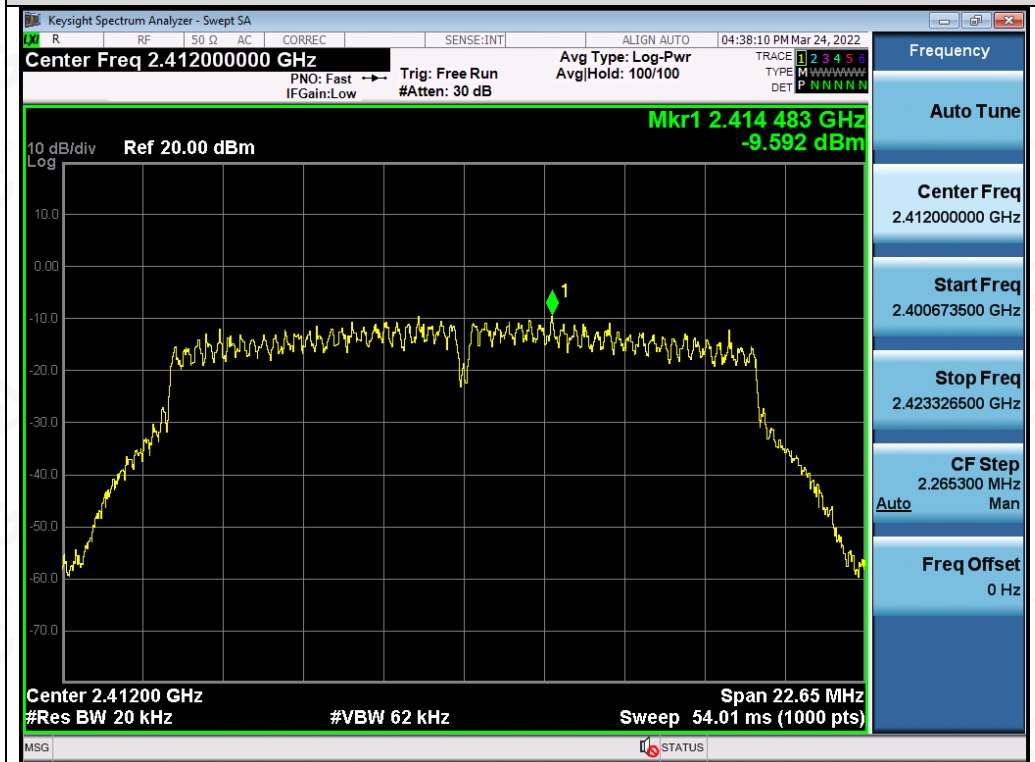
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Test\_Graph\_802.11b\_ANT2\_2462\_1Mbps\_PSD



Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_PSD

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