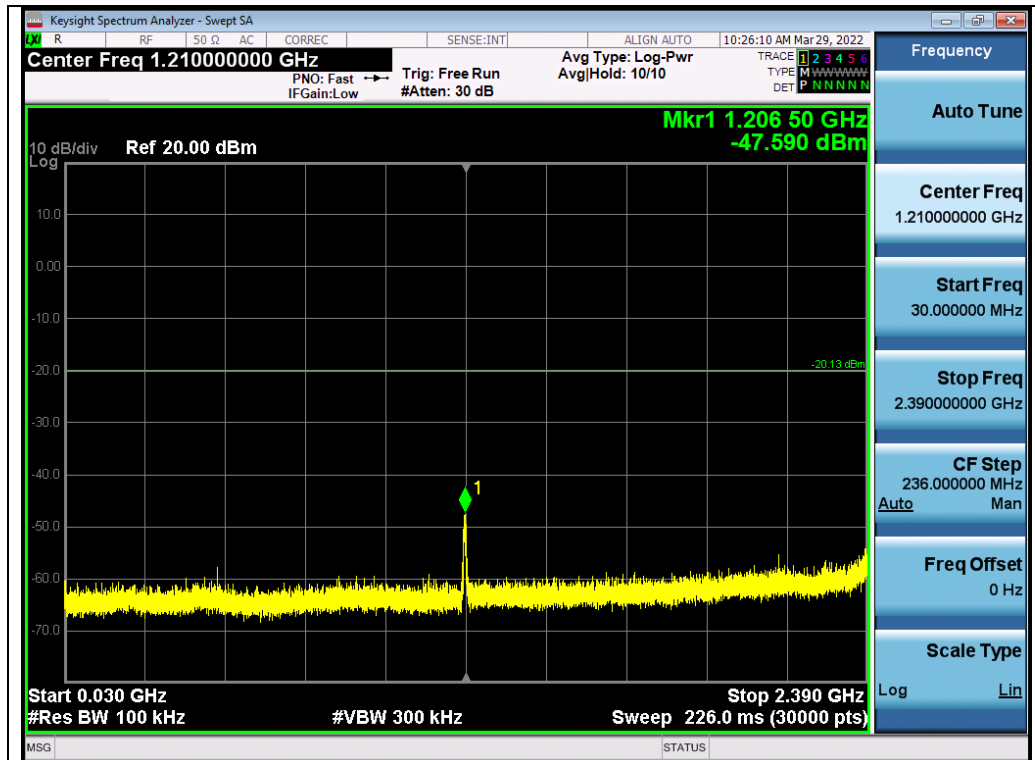
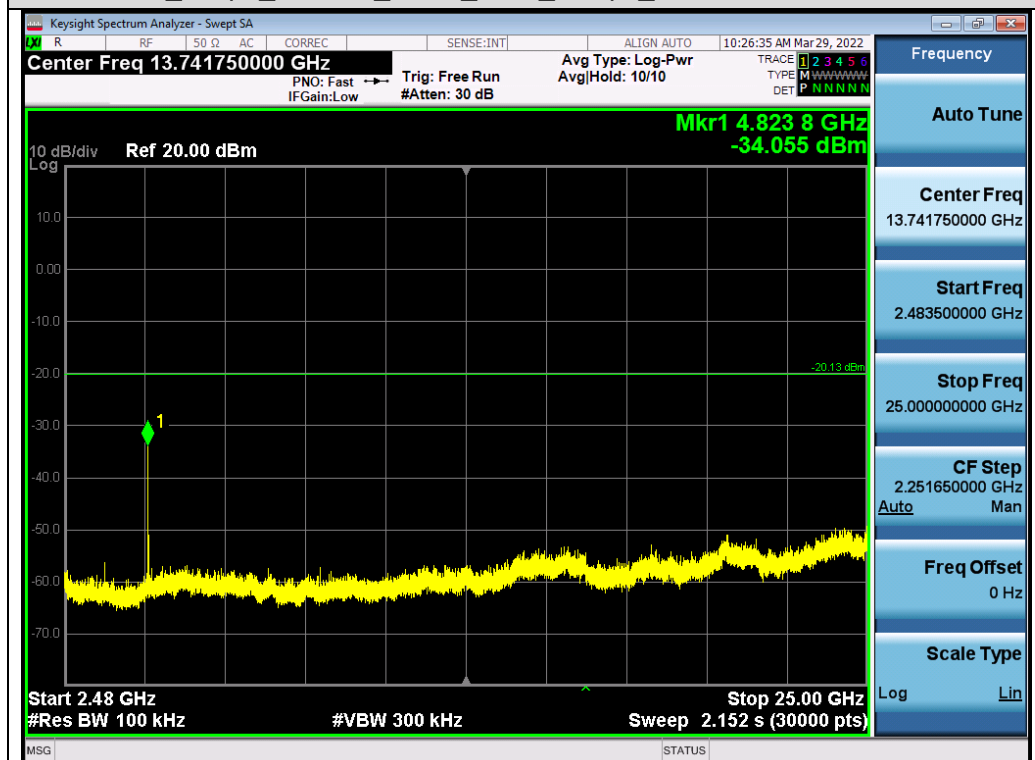


Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands



Test_Graph_802.11b_ANT1_2412_1Mbps_Lower Band Emissions



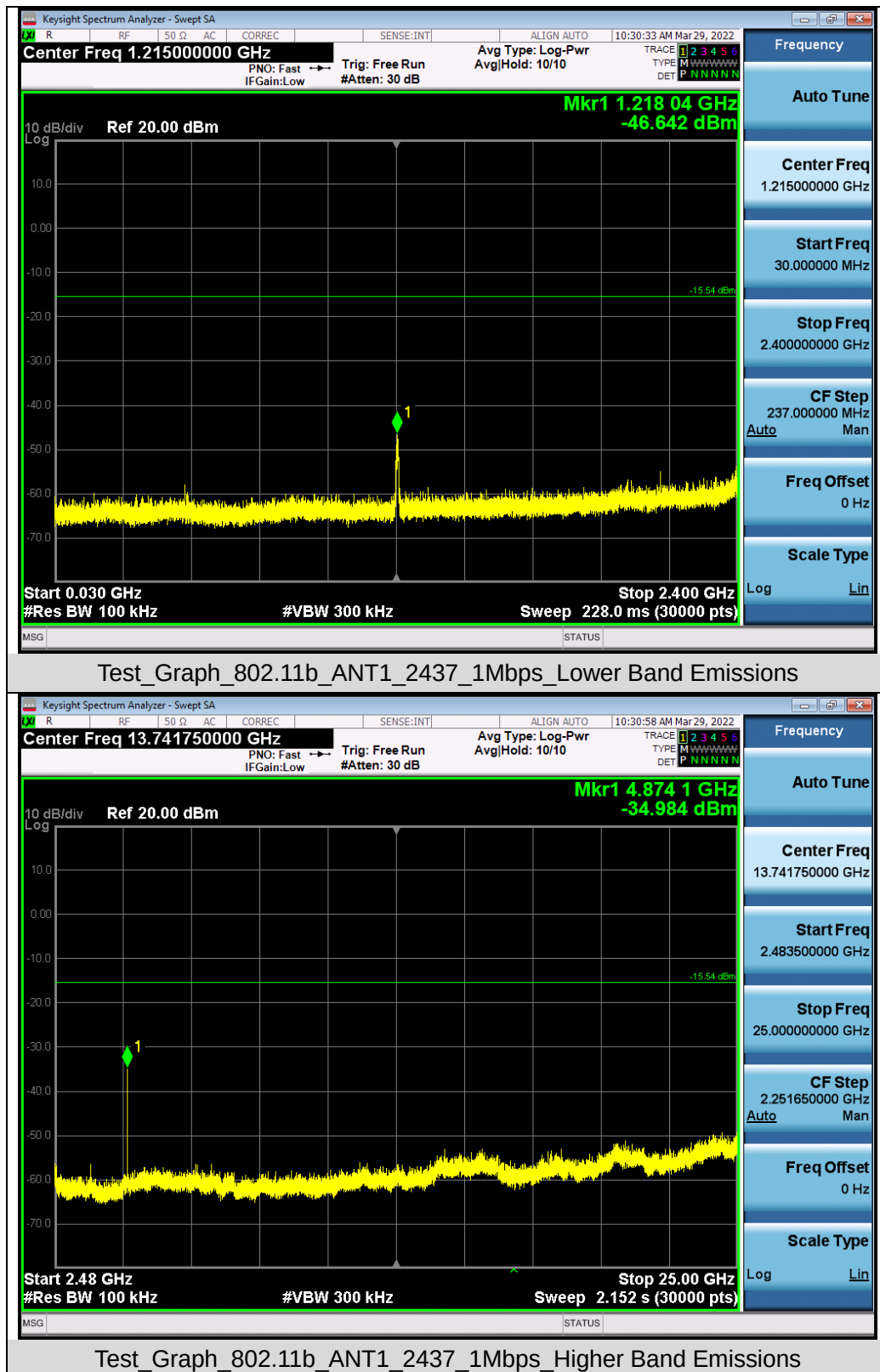
Test_Graph_802.11b_ANT1_2412_1Mbps_Higher Band Emissions

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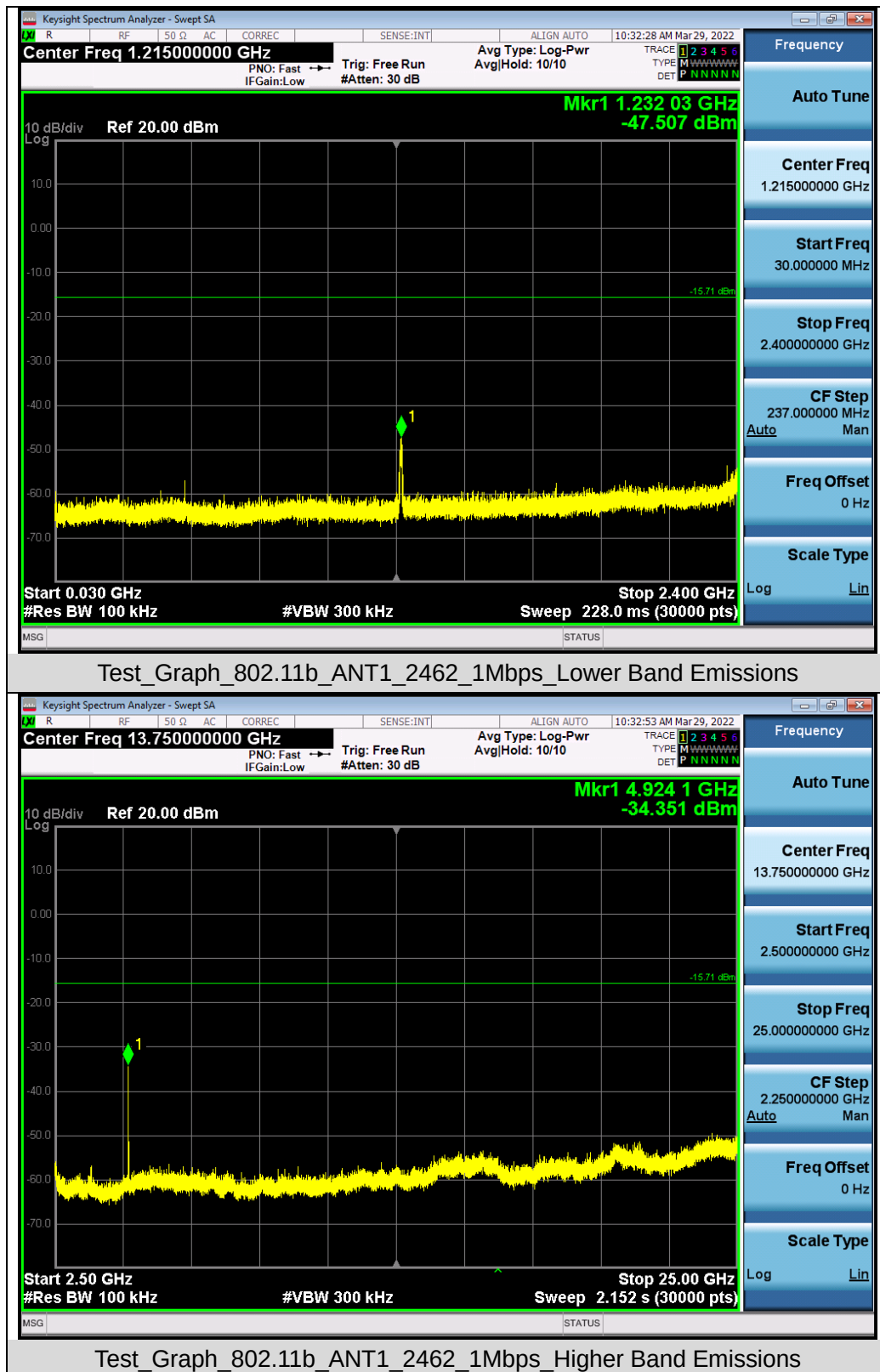
Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

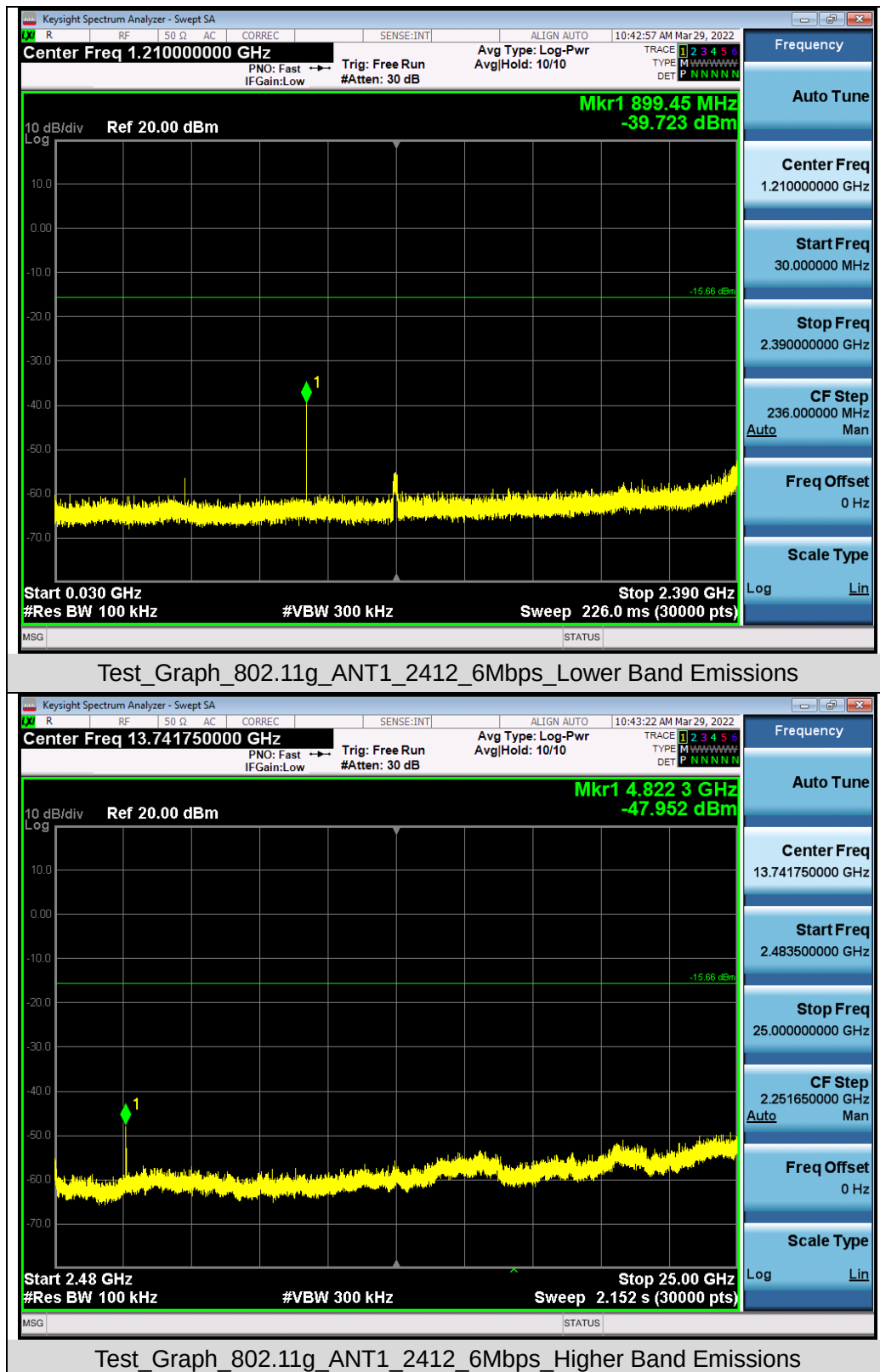
Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/



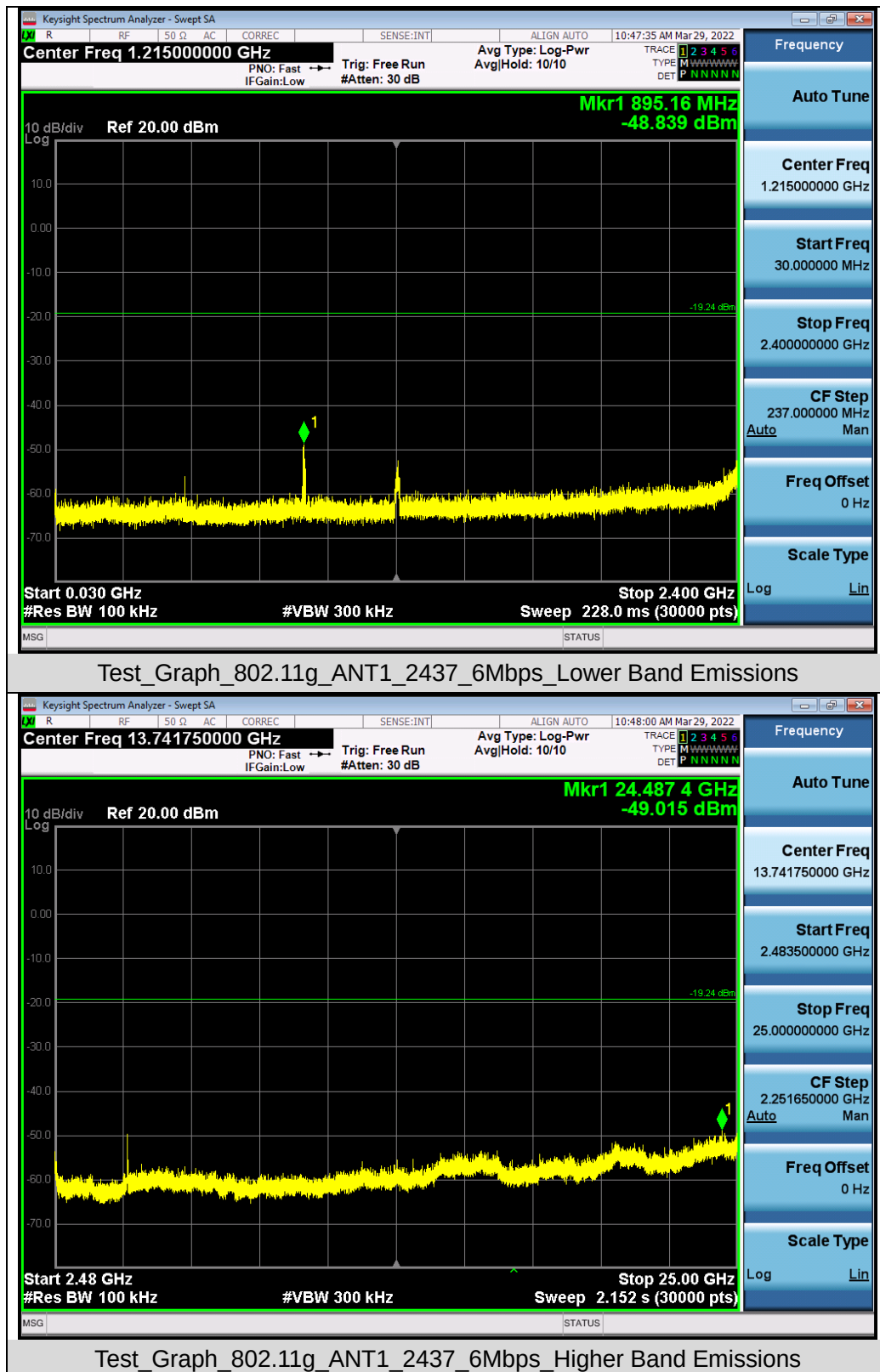
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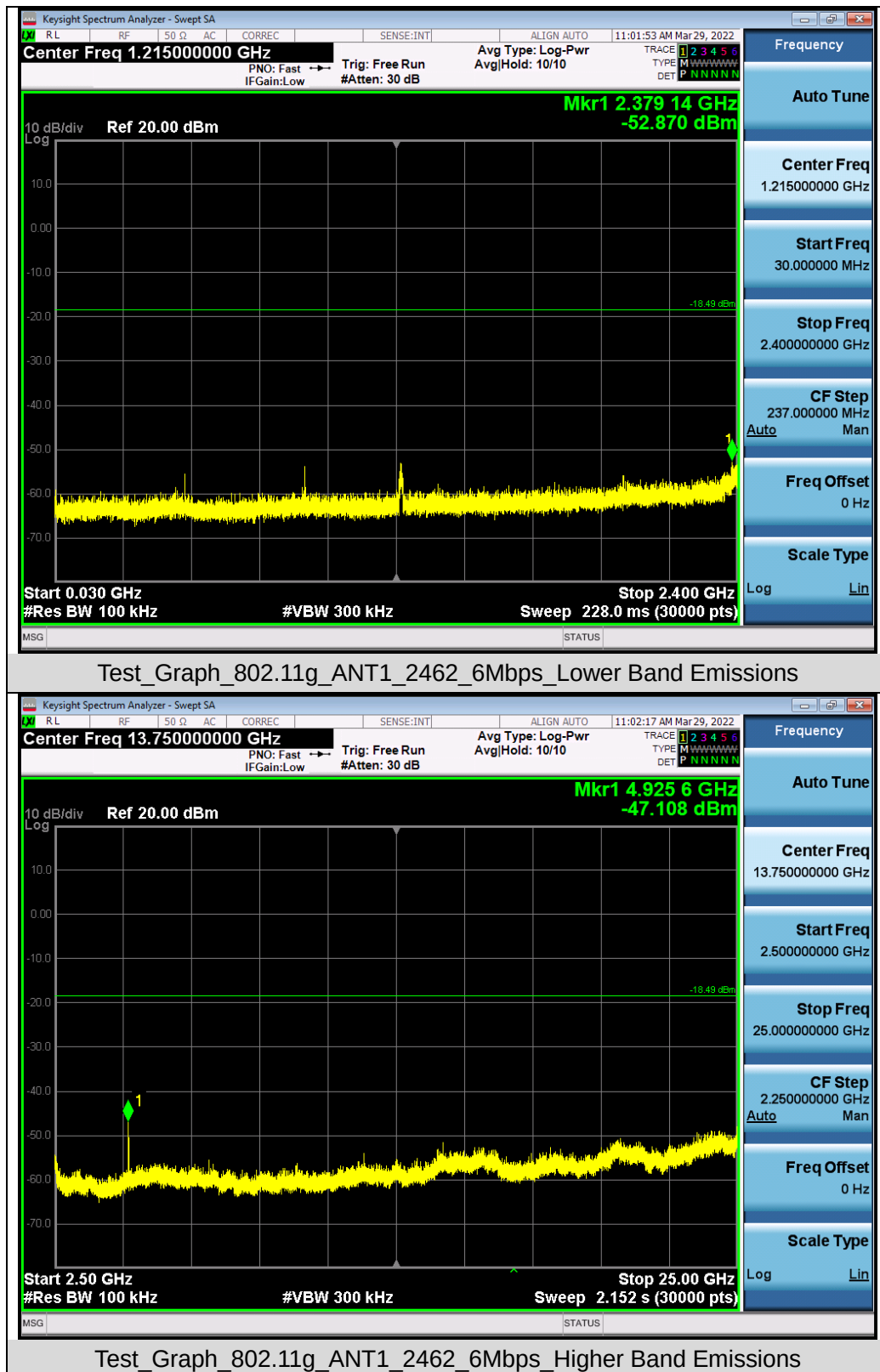
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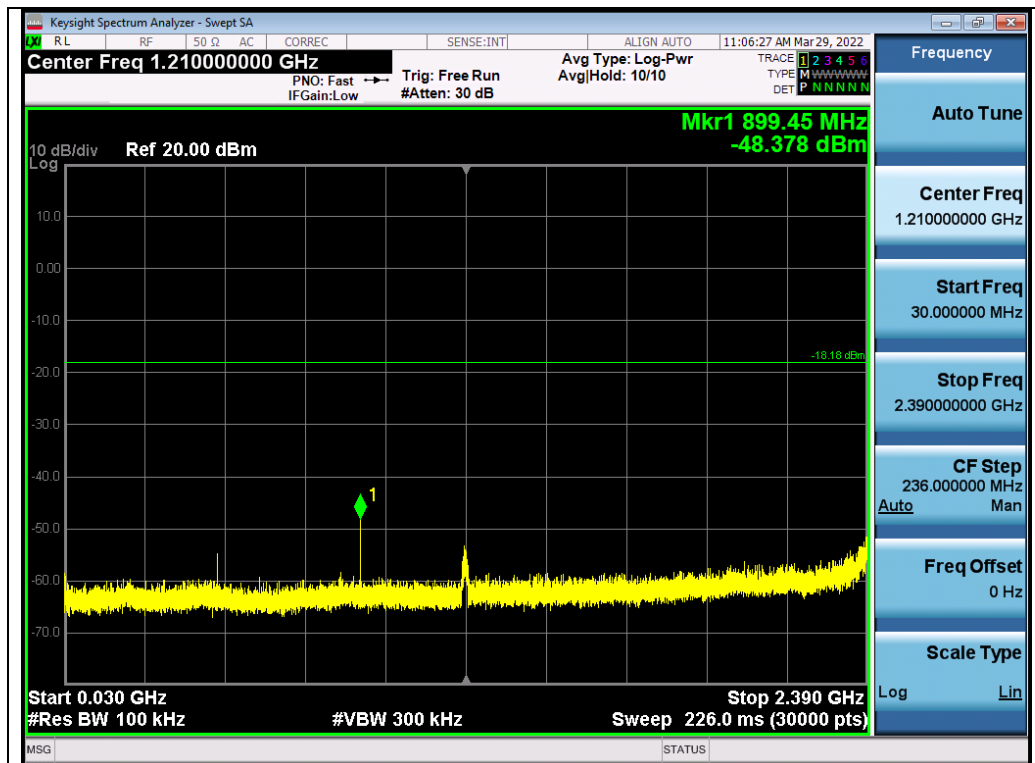
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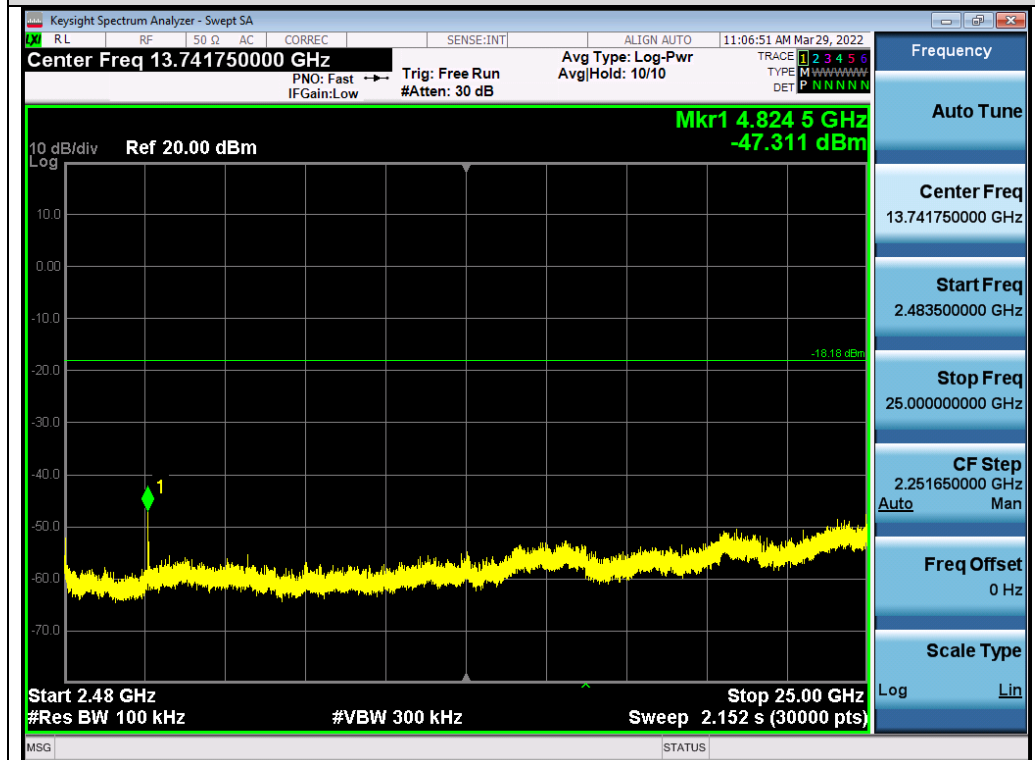
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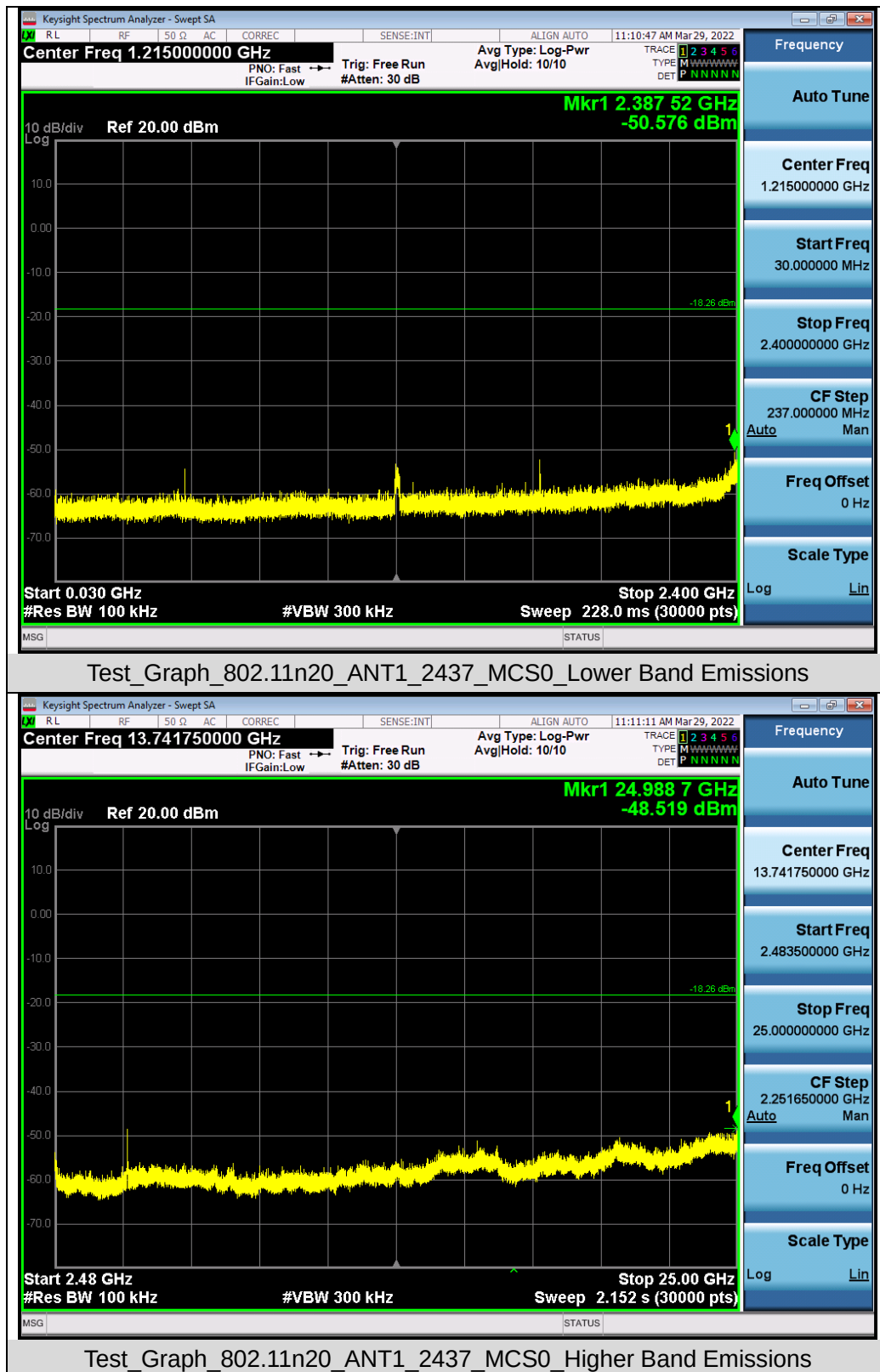


Test_Graph_802.11n20_ANT1_2412_MCS0_Lower Band Emissions

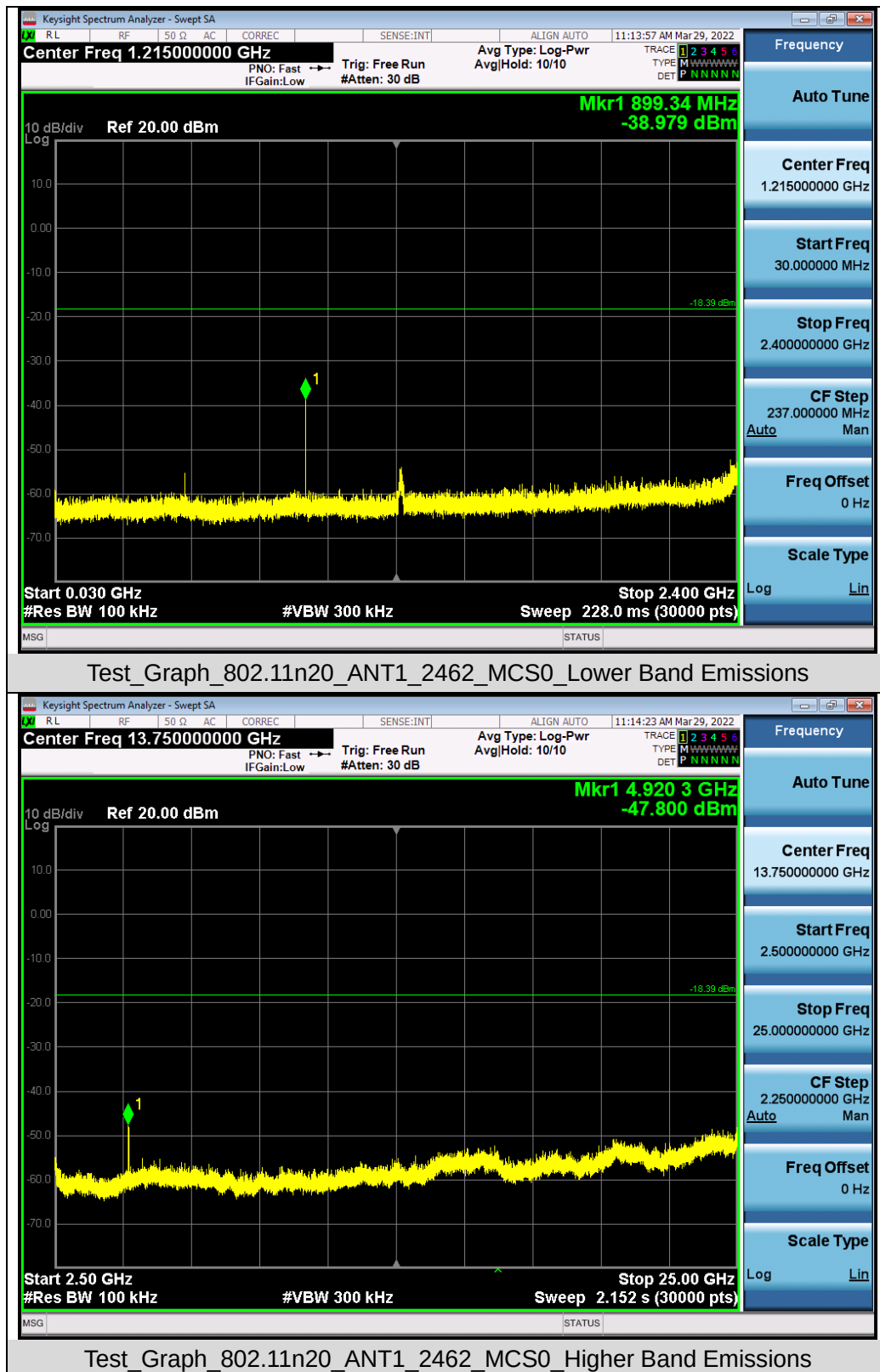


Test_Graph_802.11n20_ANT1_2412_MCS0_Higher Band Emissions

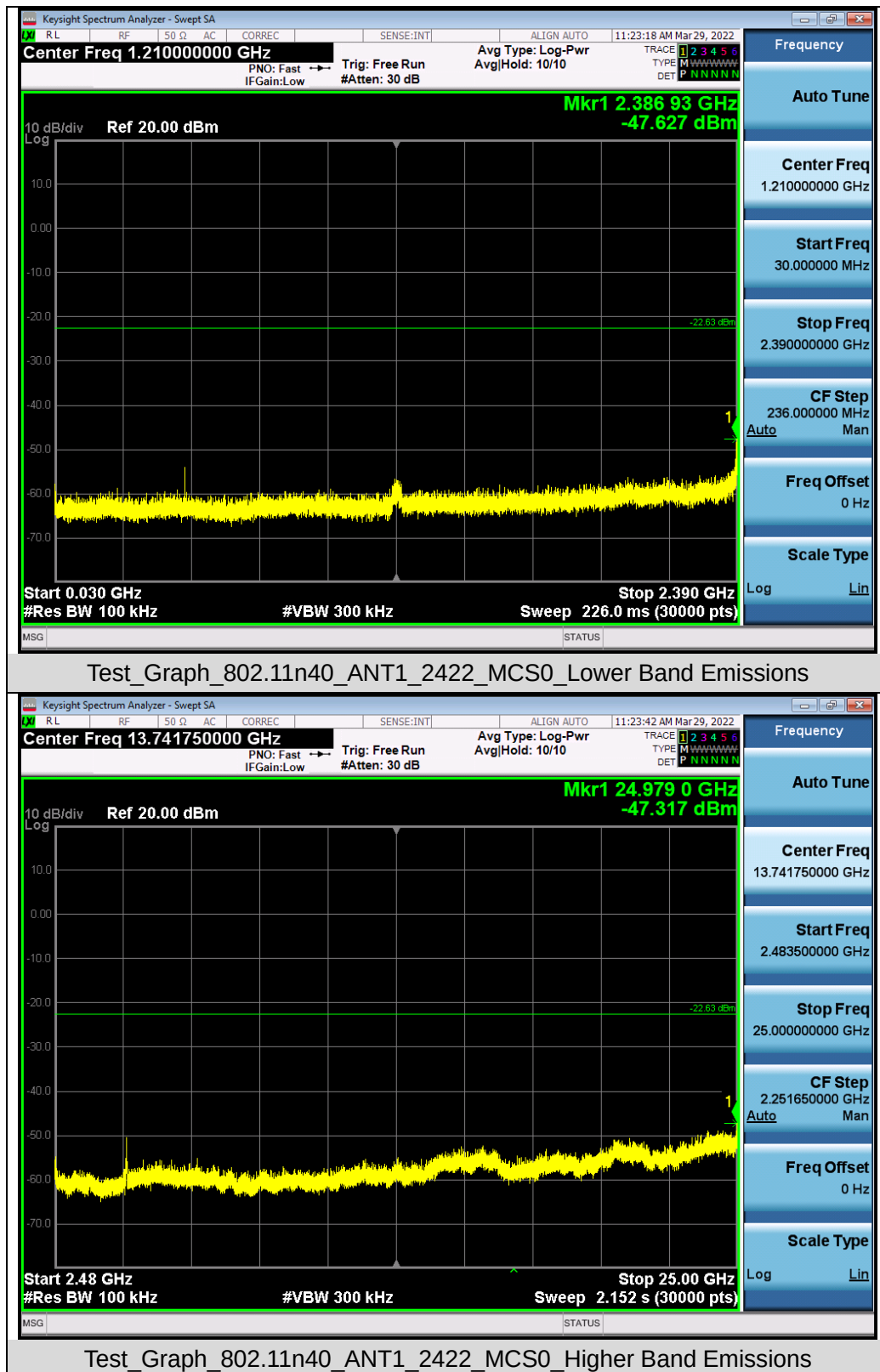
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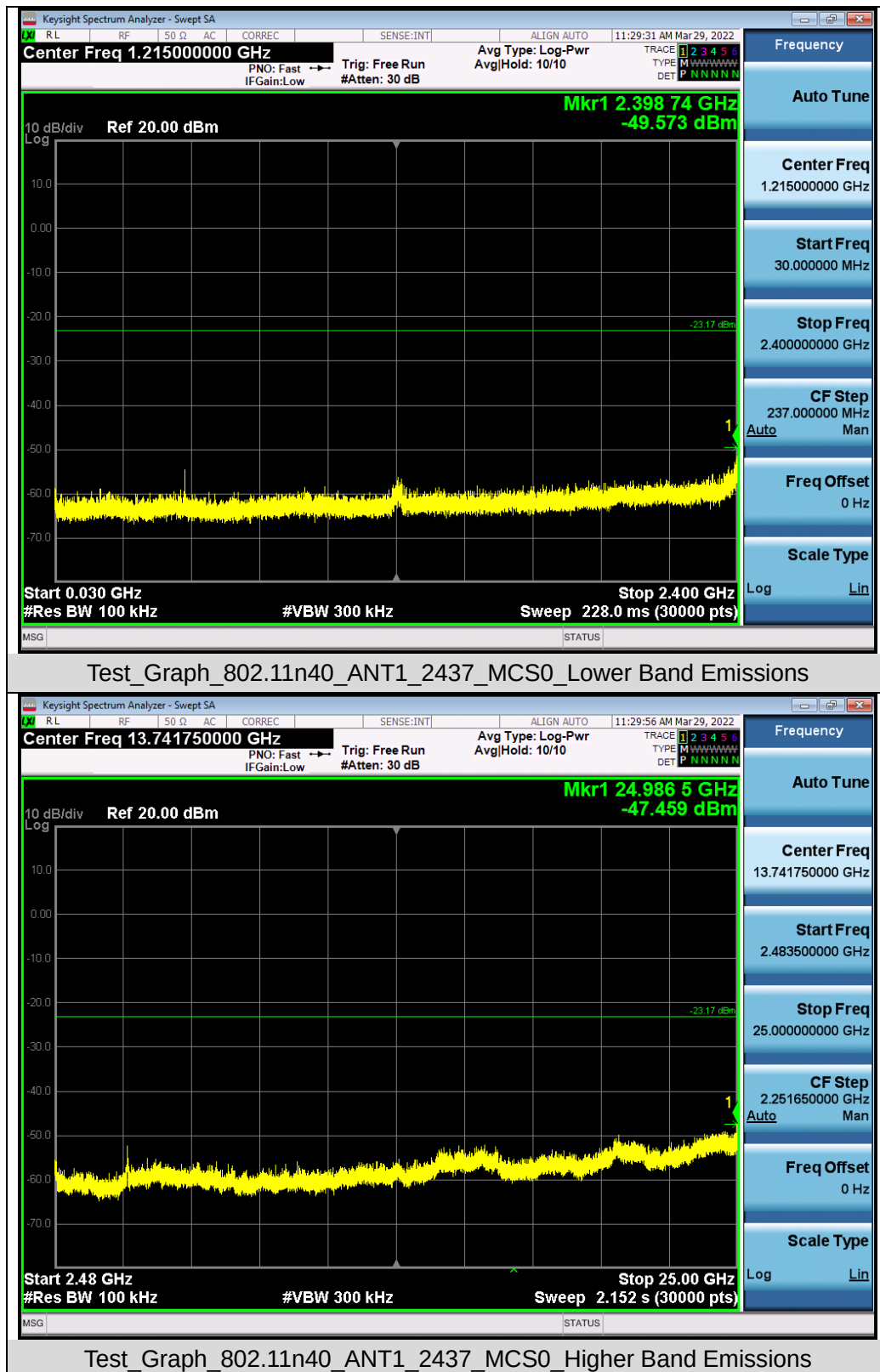
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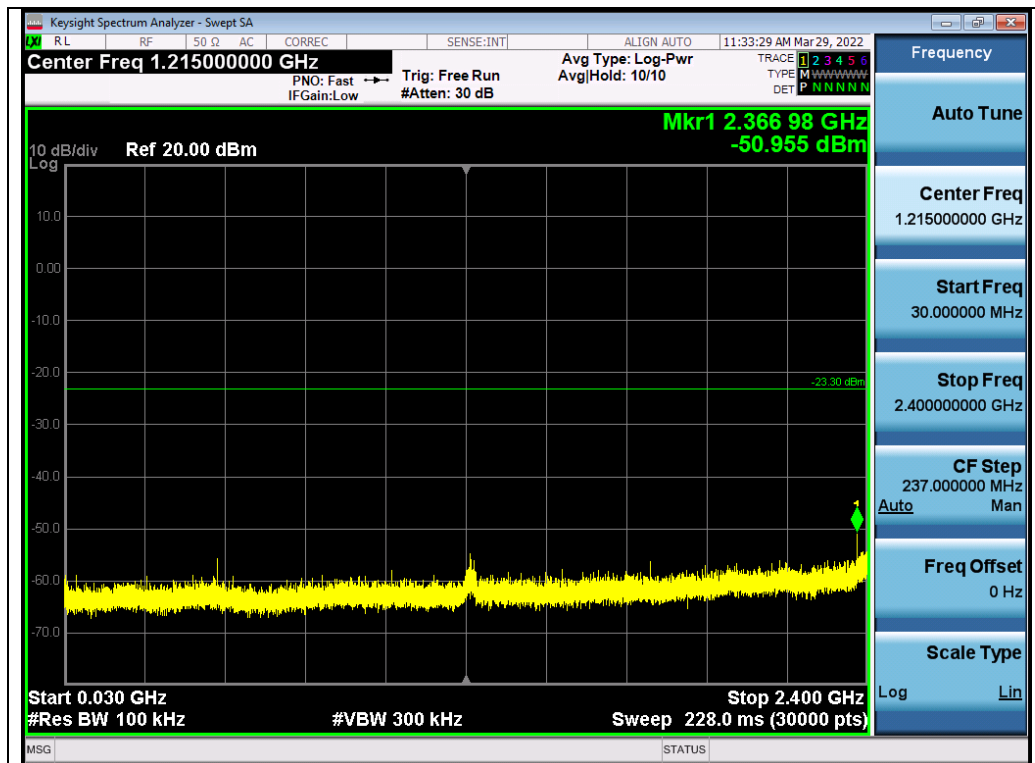
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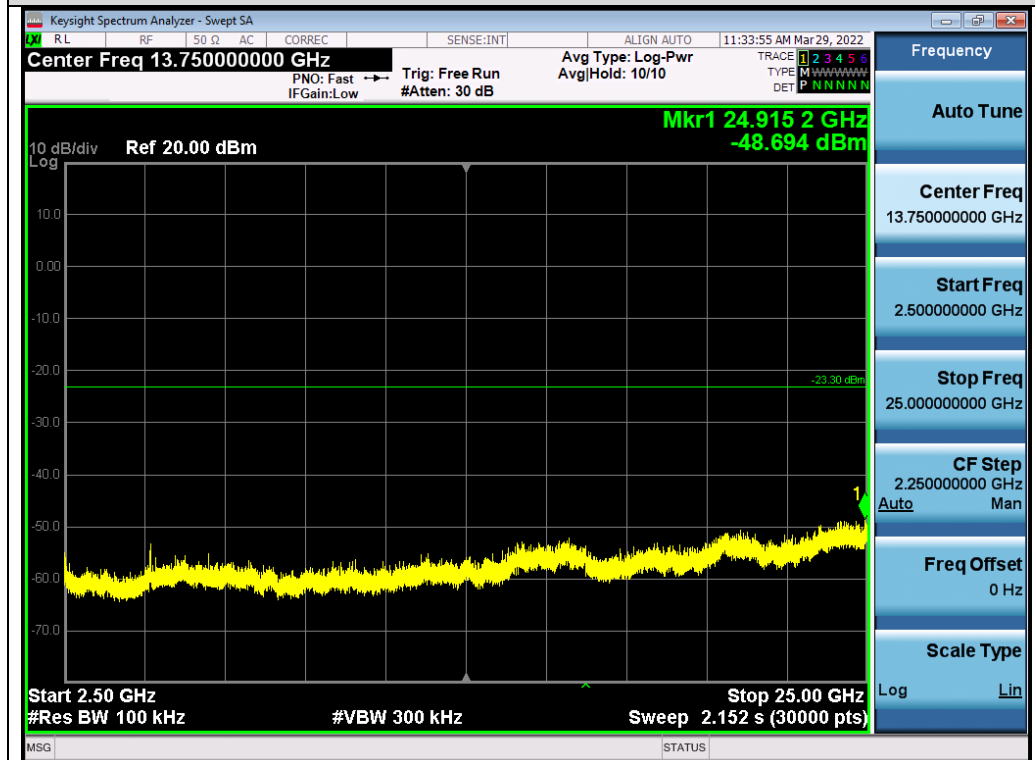
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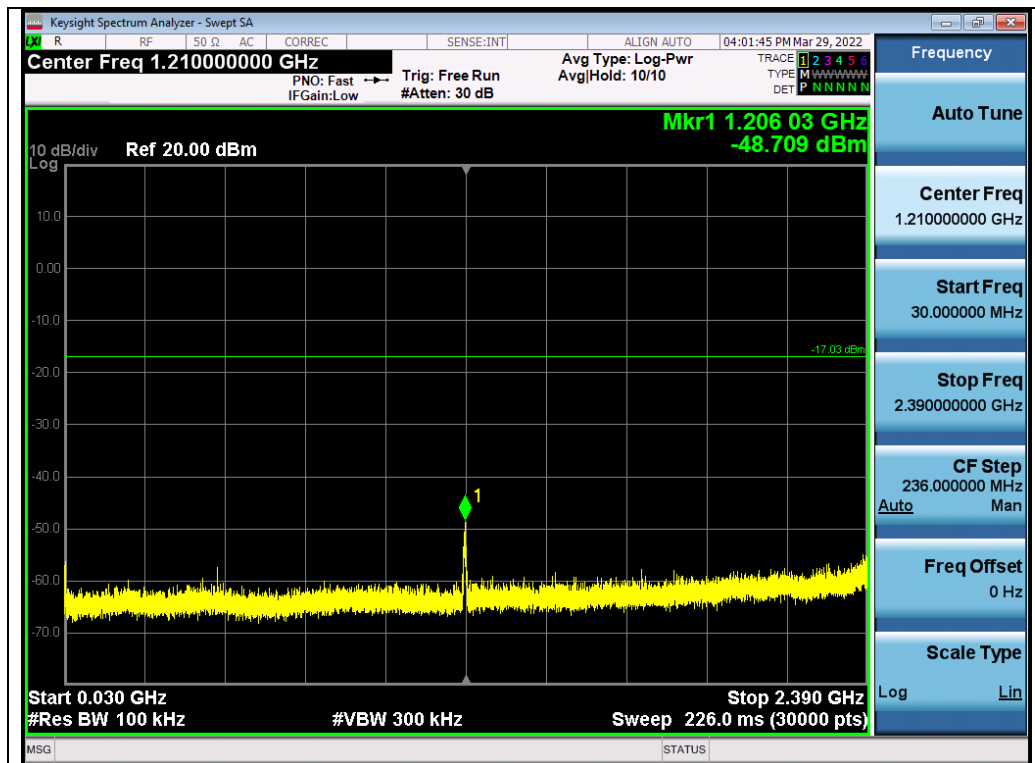


Test_Graph_802.11n40_ANT1_2452_MCS0_Lower Band Emissions

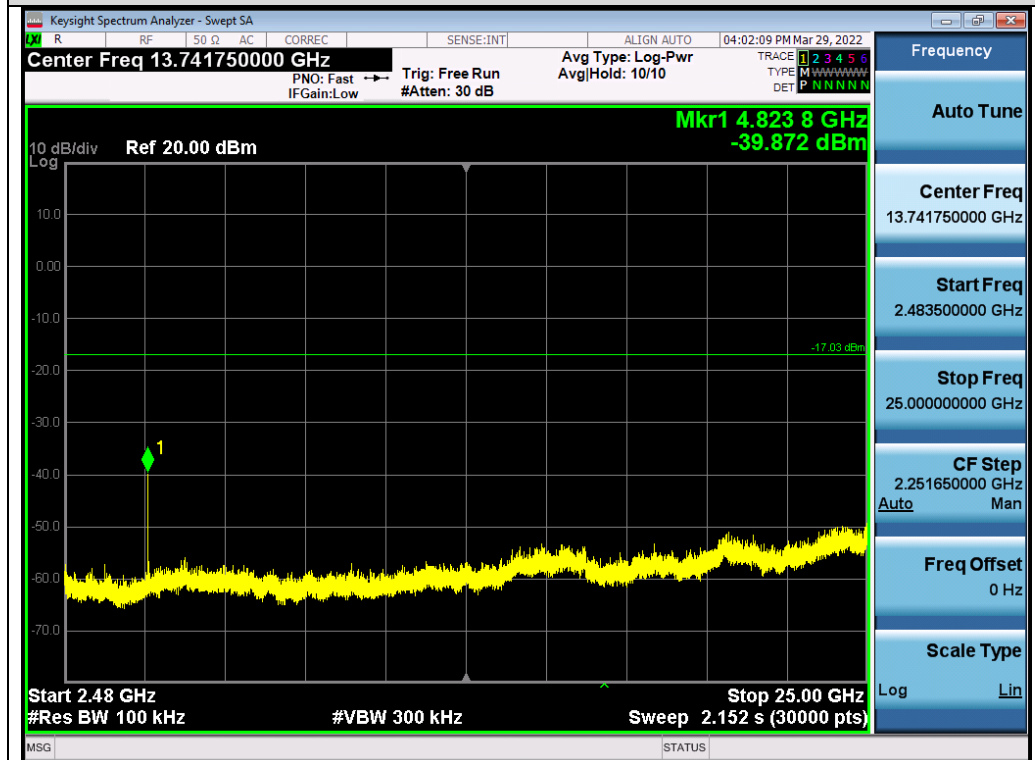


Test_Graph_802.11n40_ANT1_2452_MCS0_Higher Band Emissions

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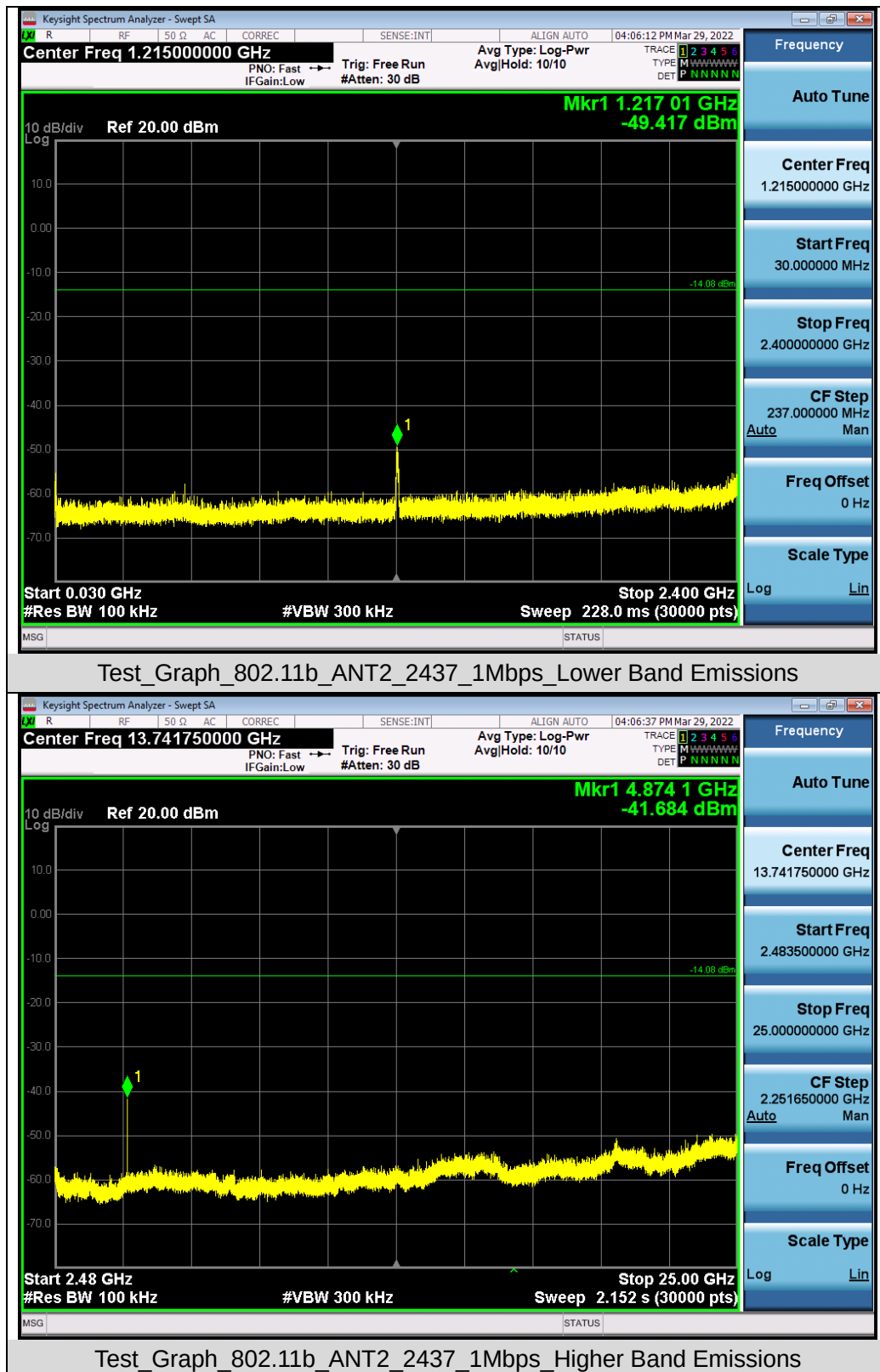


Test_Graph_802.11b_ANT2_2412_1Mbps_Lower Band Emissions

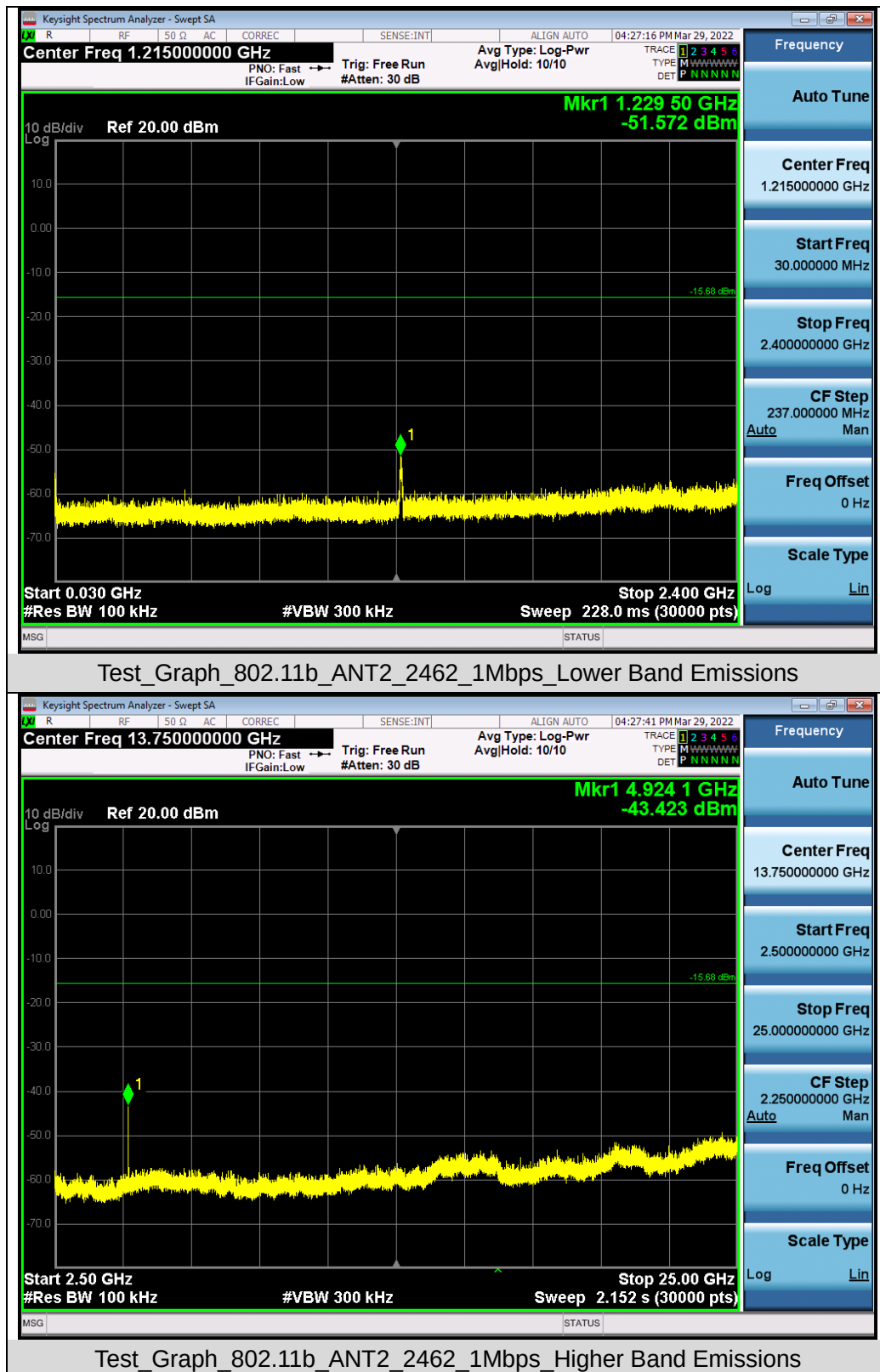


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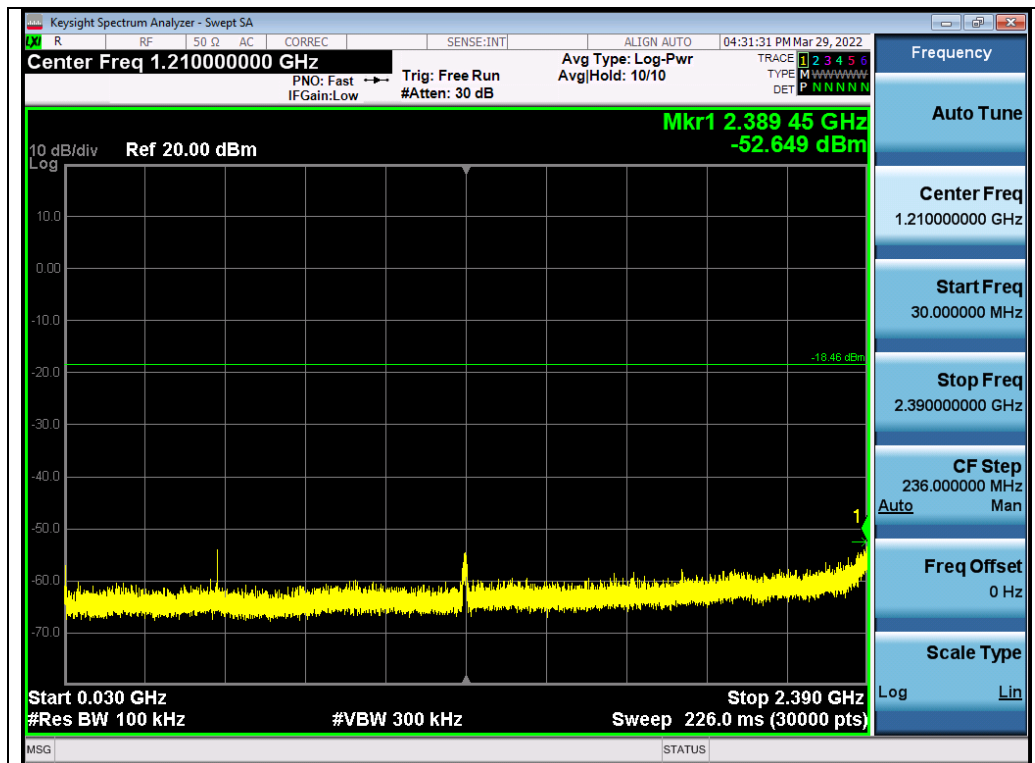
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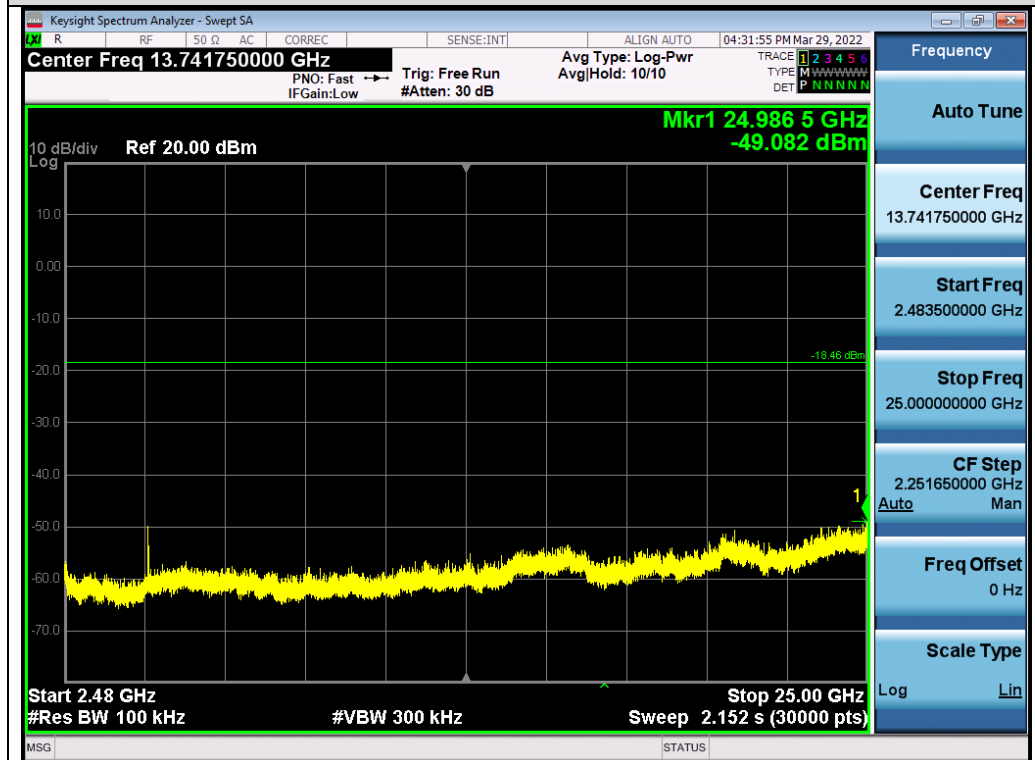
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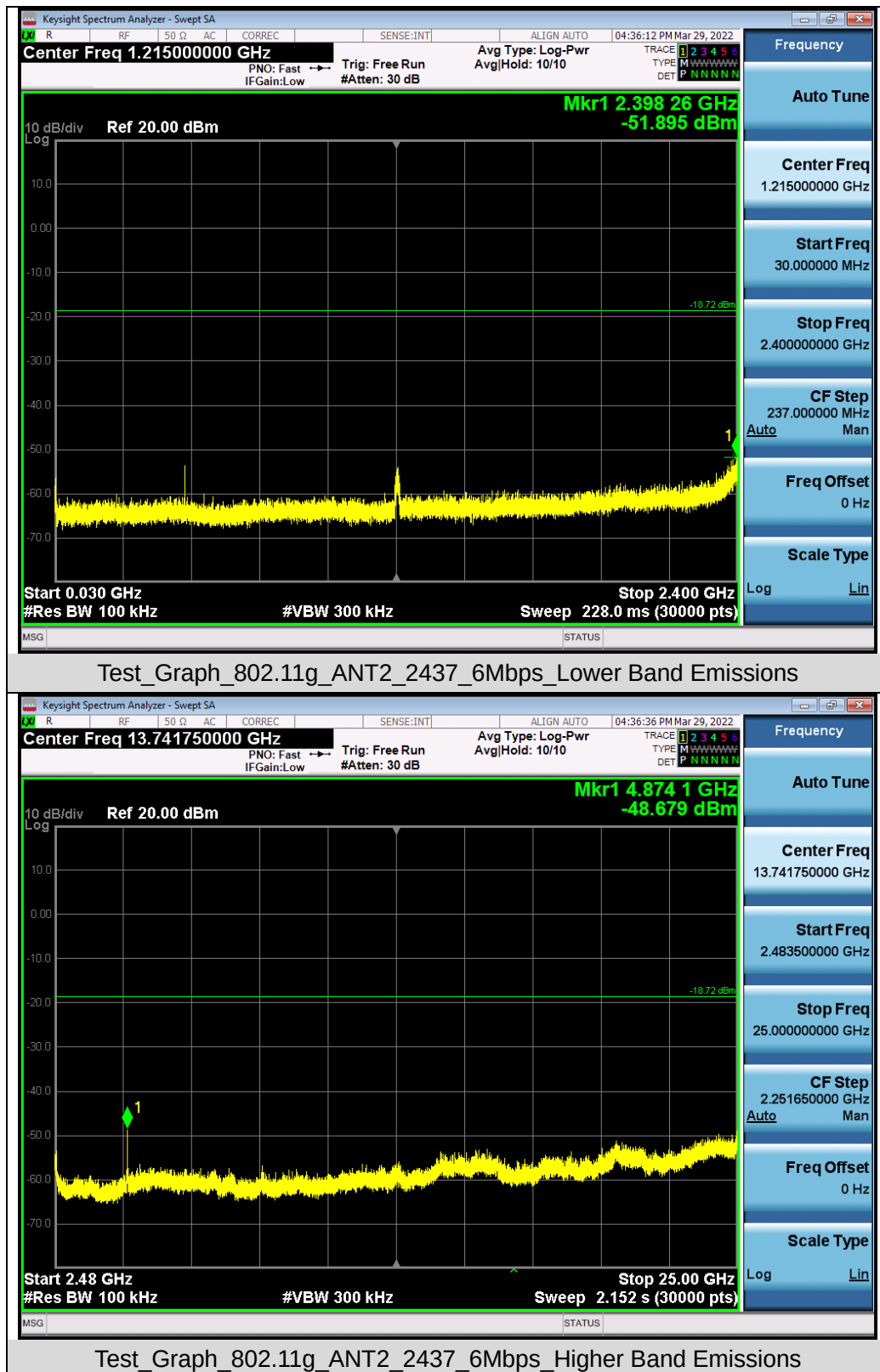


Test_Graph_802.11g_ANT2_2412_6Mbps_Lower Band Emissions

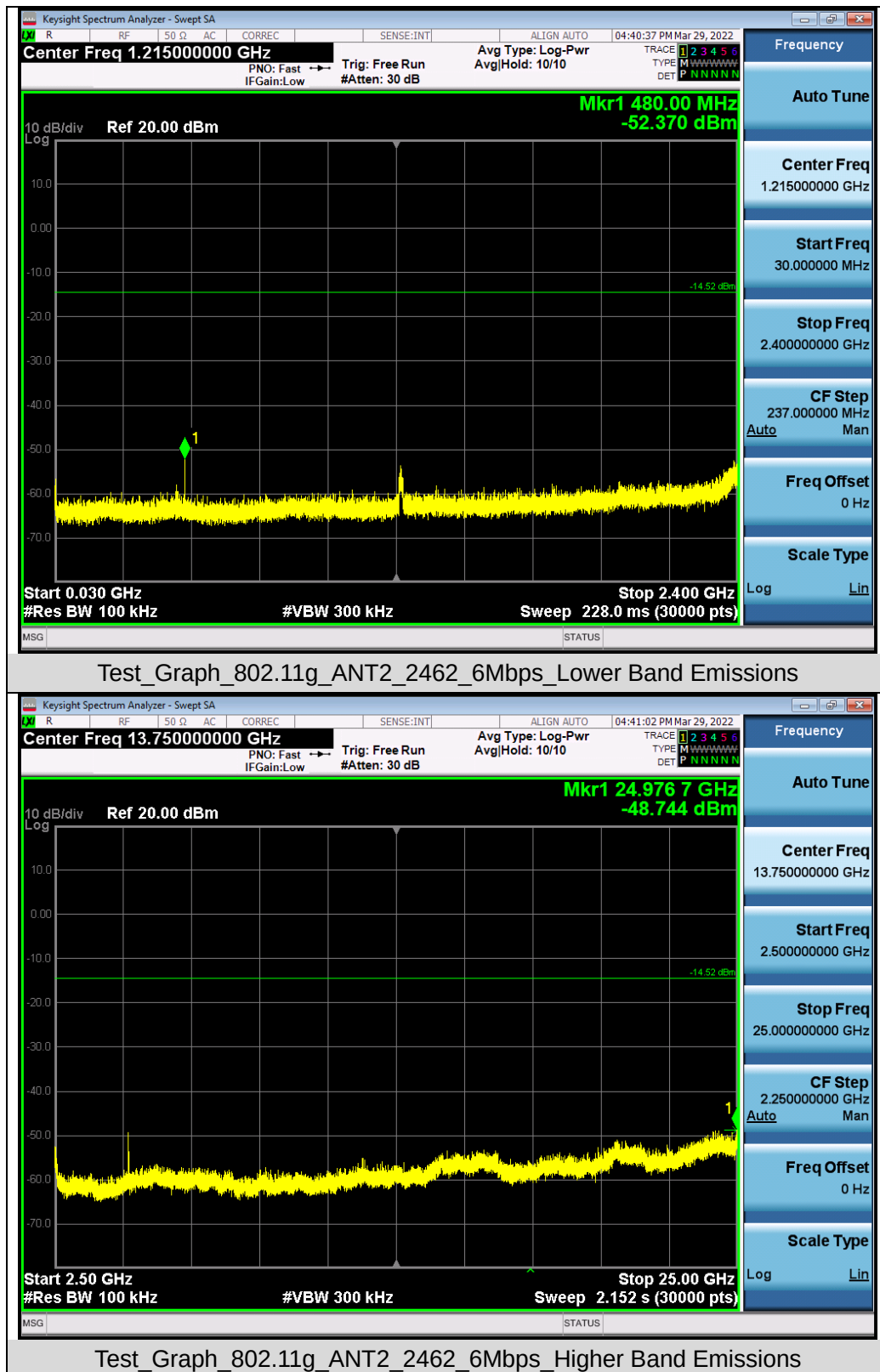


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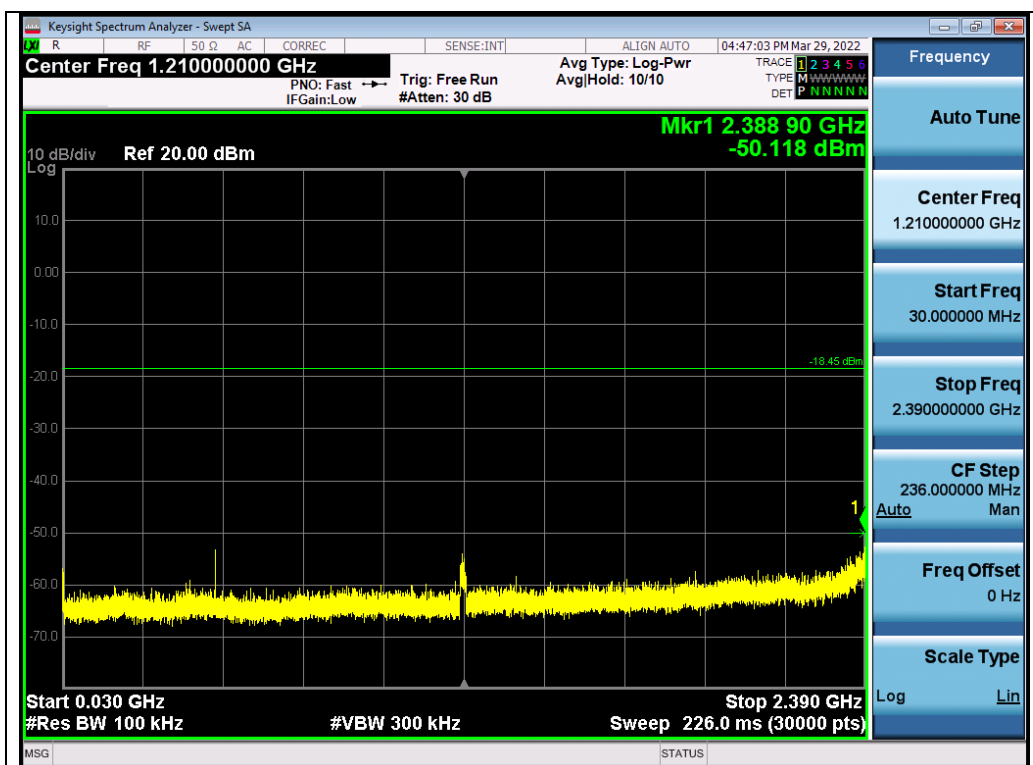
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Test_Graph_802.11n20_ANT2_2412_MCS0_Lower Band Emissions



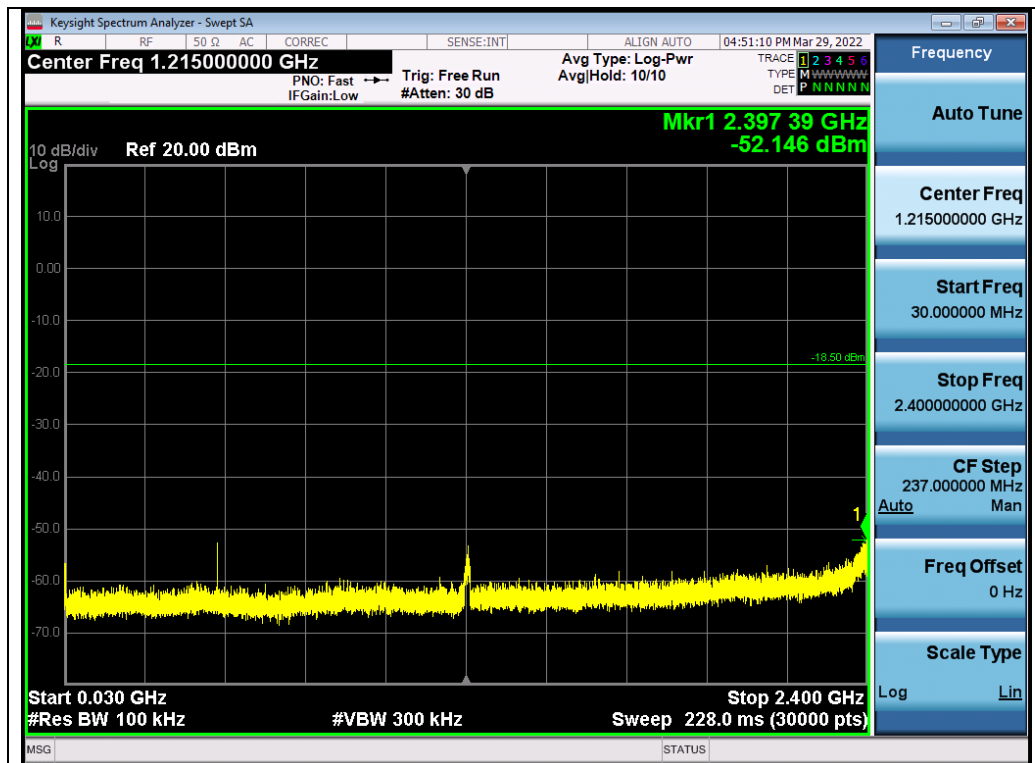
Test_Graph_802.11n20_ANT2_2412_MCS0_Higher Band Emissions

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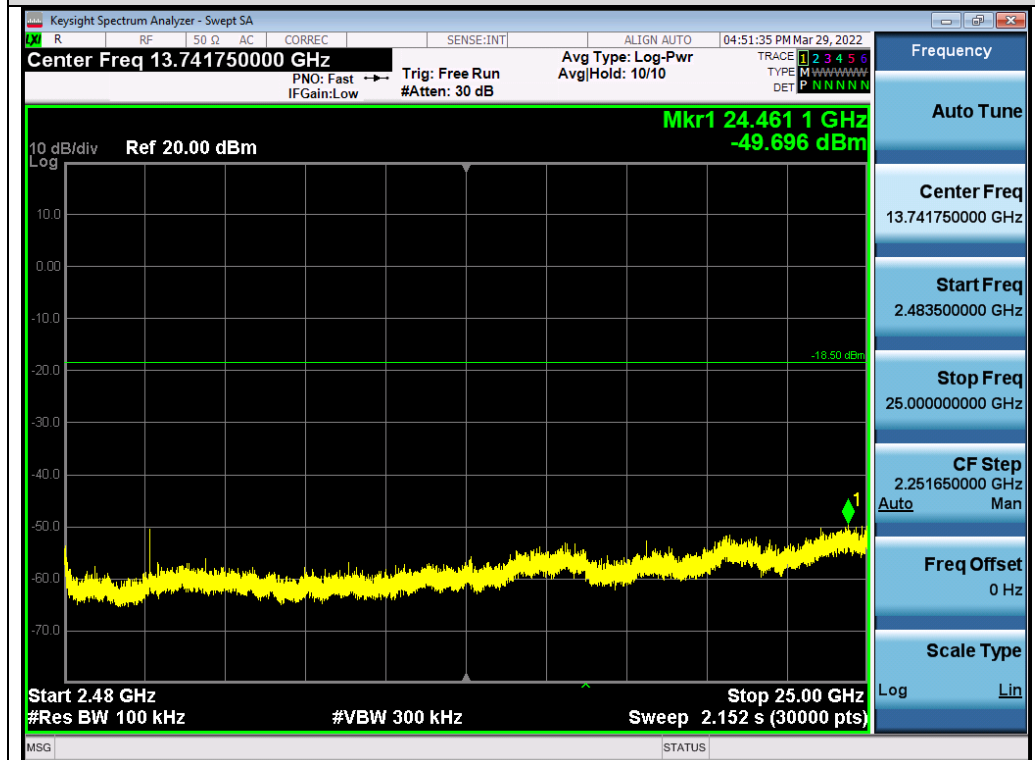
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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/

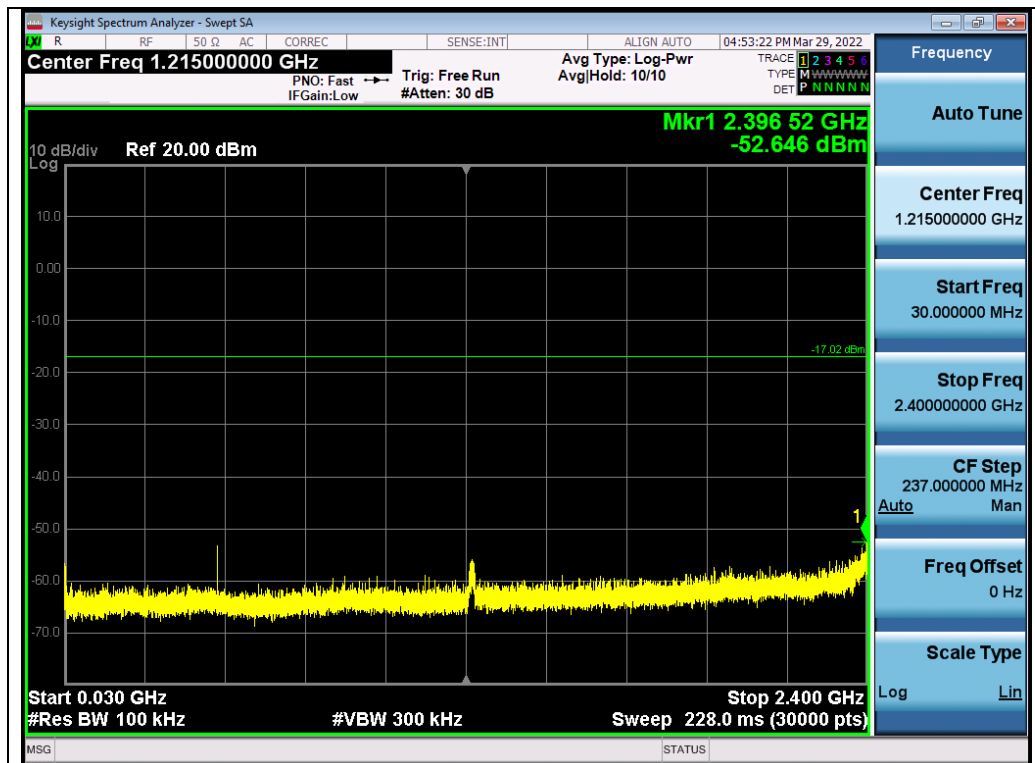


Test_Graph_802.11n20_ANT2_2437_MCS0_Lower Band Emissions

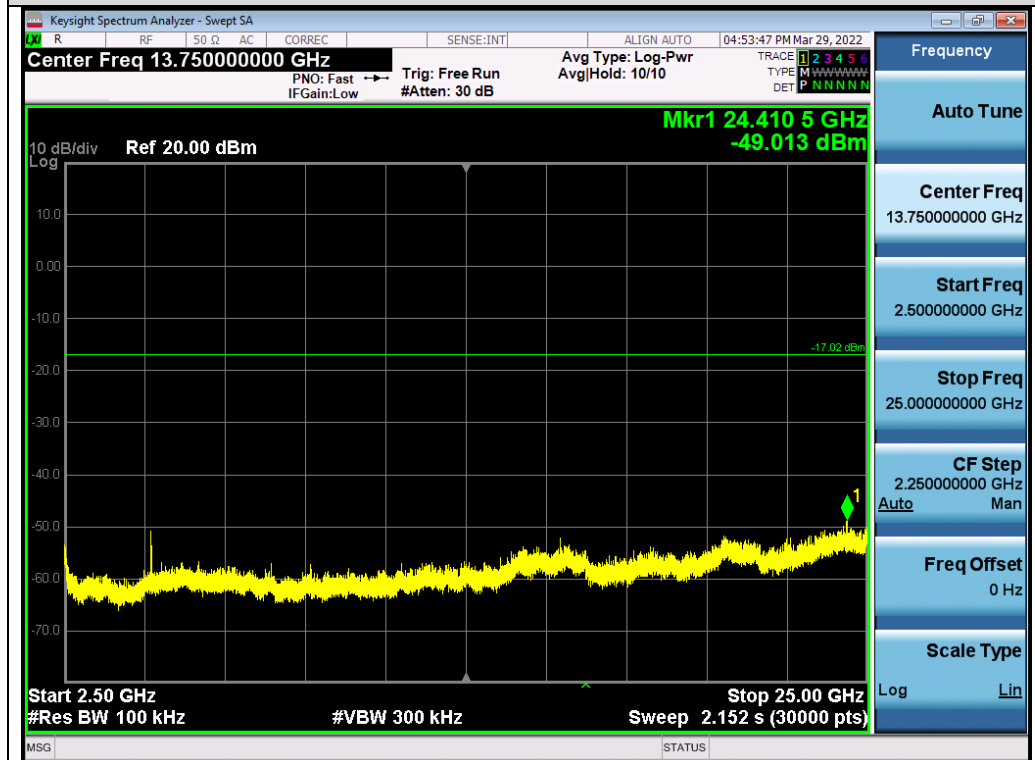


Test_Graph_802.11n20_ANT2_2437_MCS0_Higher Band Emissions

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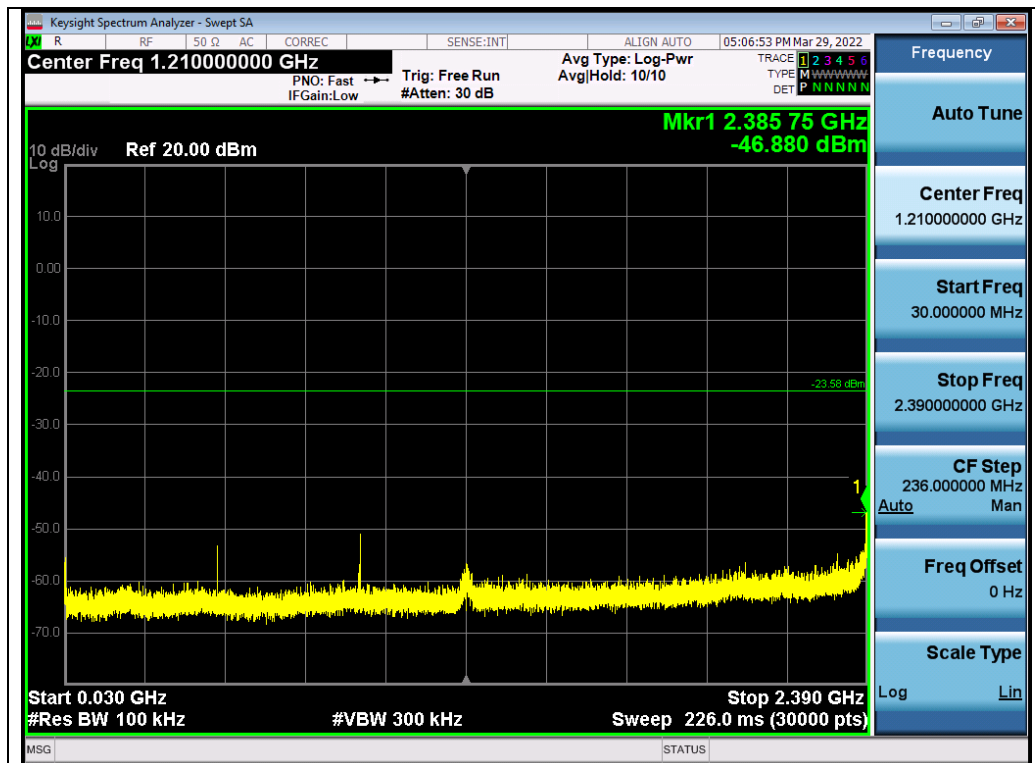


Test_Graph_802.11n20_ANT2_2462_MCS0_Lower Band Emissions

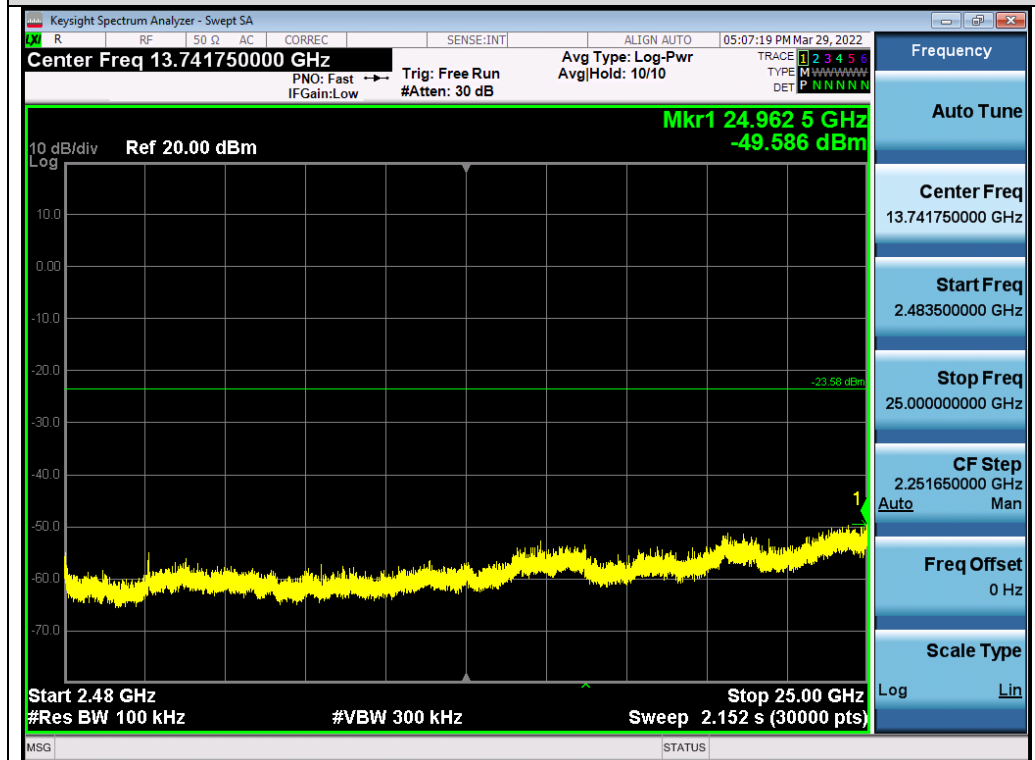


Test_Graph_802.11n20_ANT2_2462_MCS0_Higher Band Emissions

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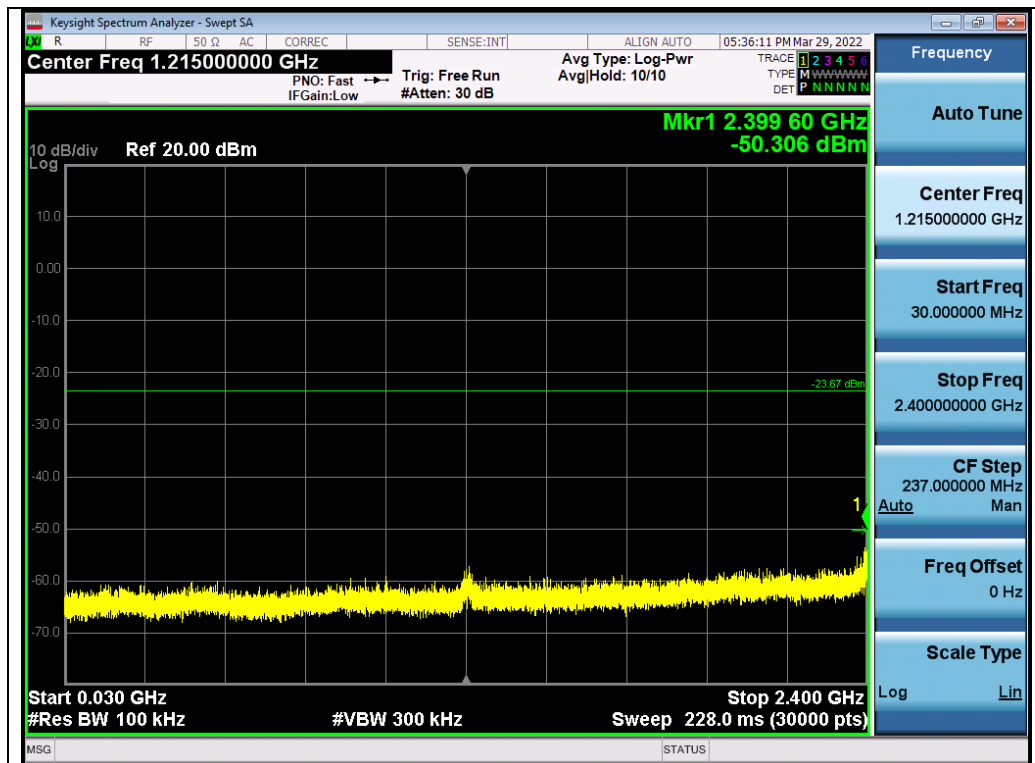


Test_Graph_802.11n40_ANT2_2422_MCS0_Lower Band Emissions

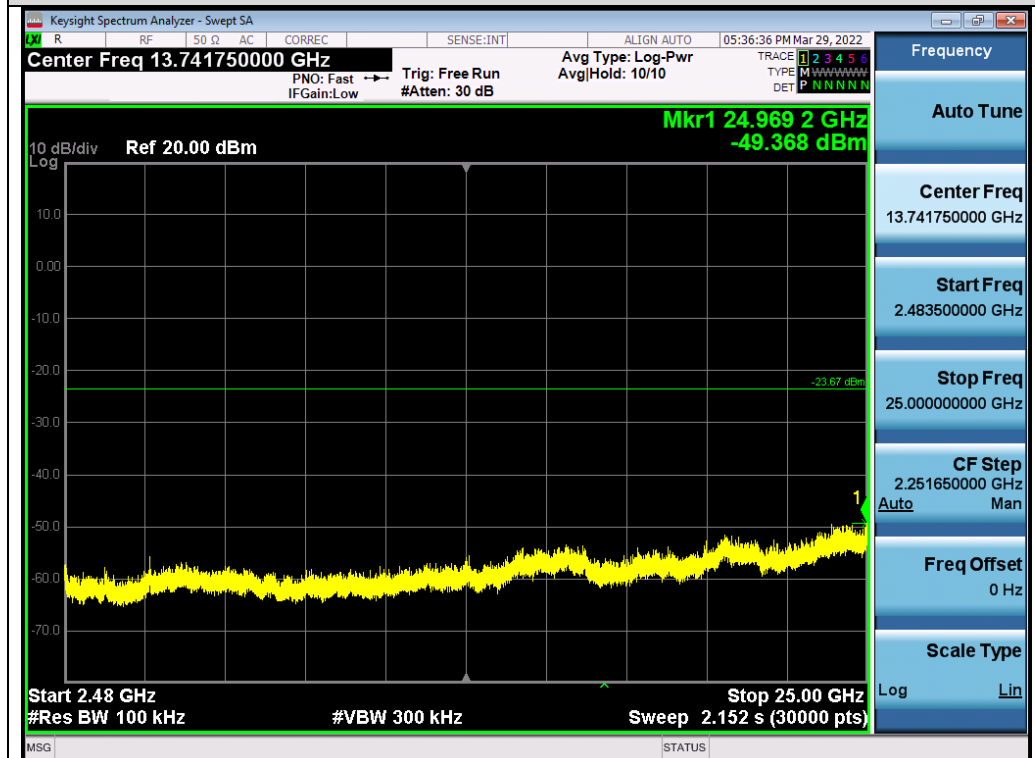


Test_Graph_802.11n40_ANT2_2422_MCS0_Higher Band Emissions

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Test_Graph_802.11n40_ANT2_2437_MCS0_Lower Band Emissions



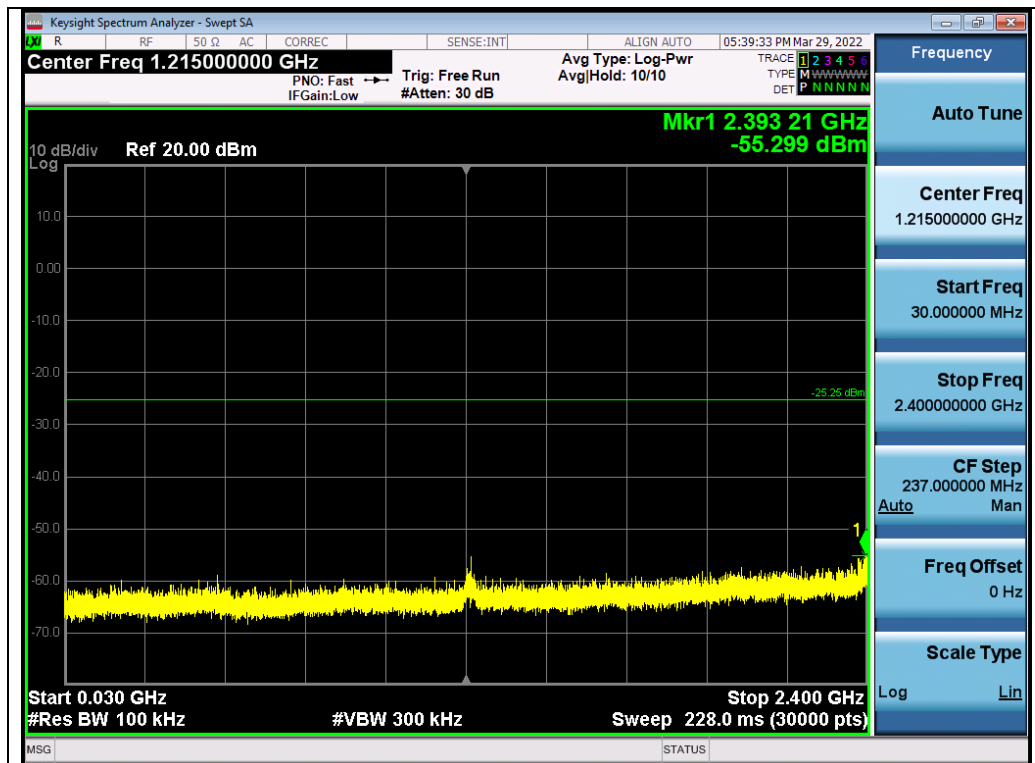
Test_Graph_802.11n40_ANT2_2437_MCS0_Higher Band Emissions

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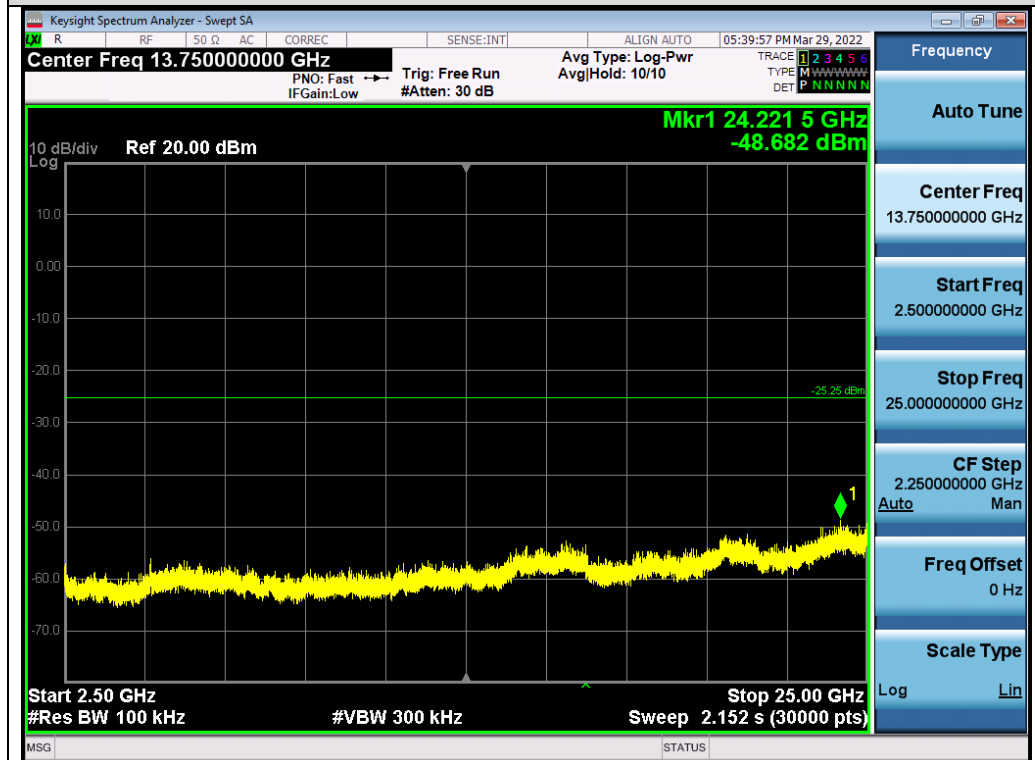
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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/



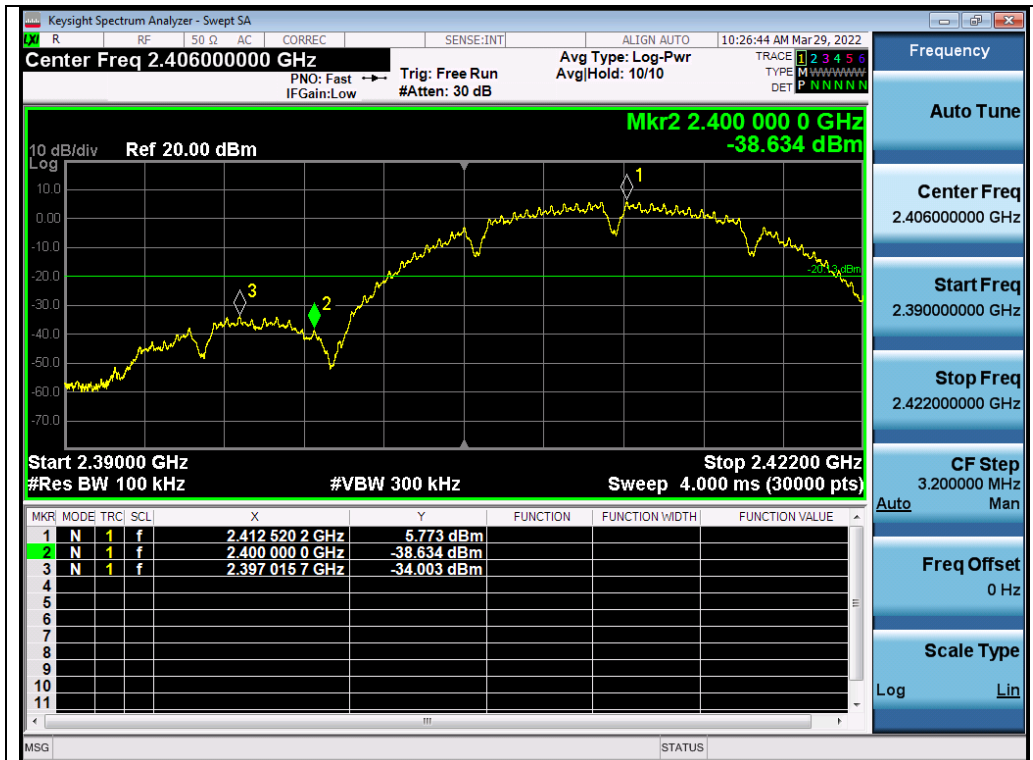
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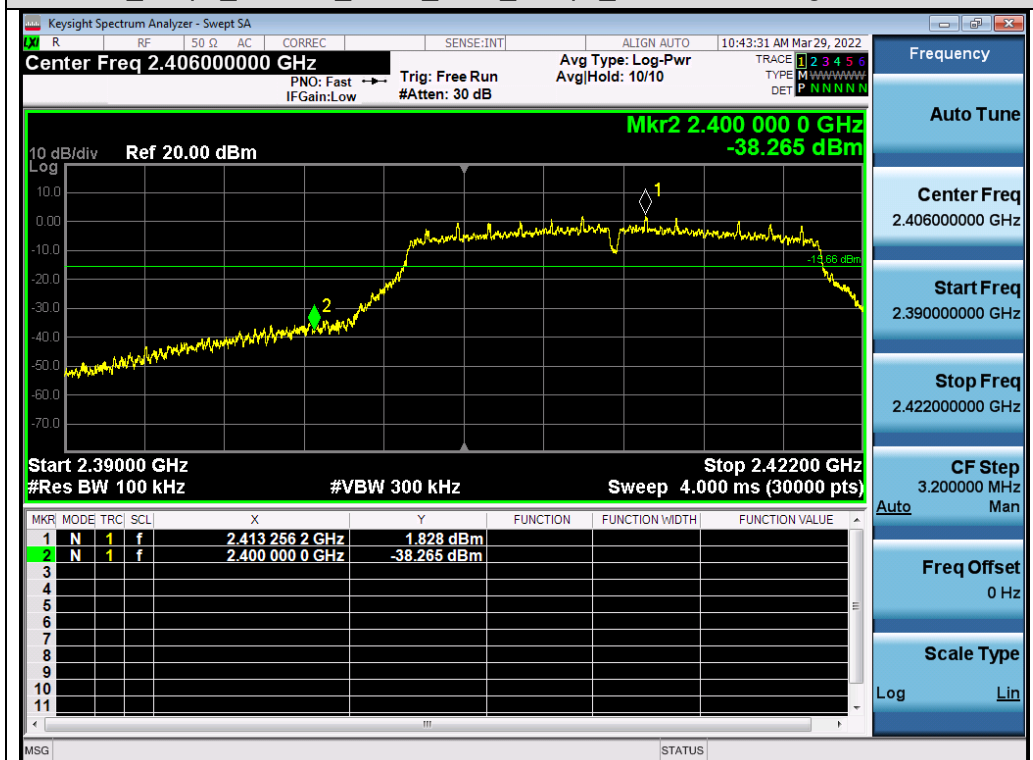
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Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands

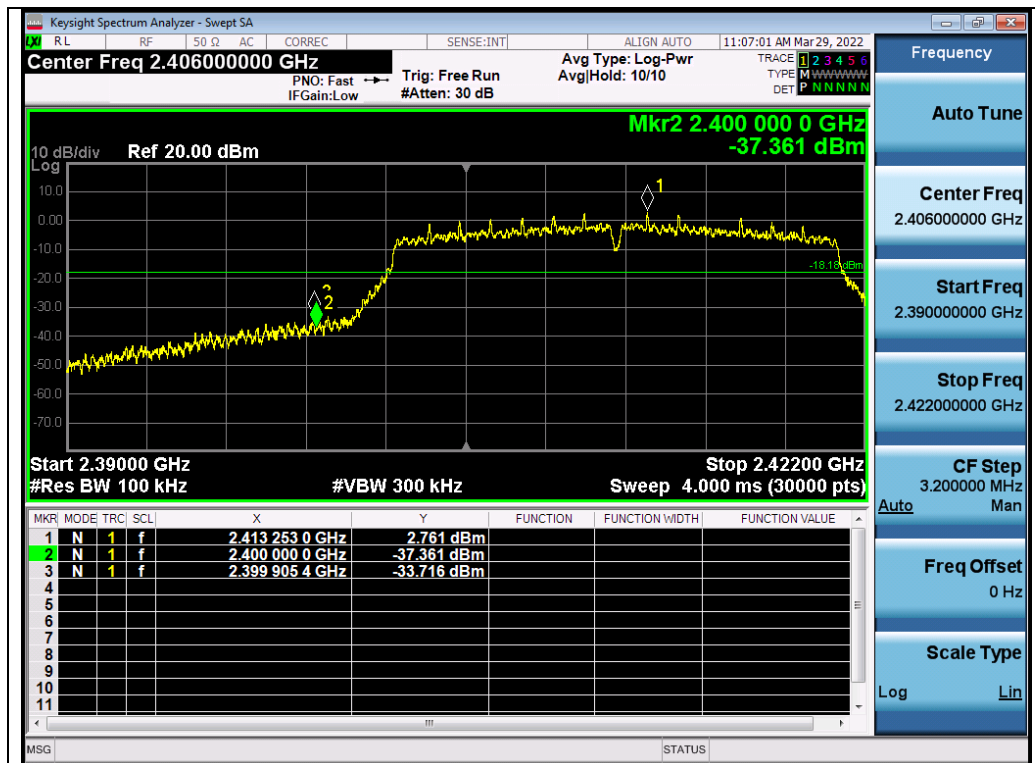


Test_Graph_802.11b_ANT1_2412_1Mbps_Lower Band Edge Emissions

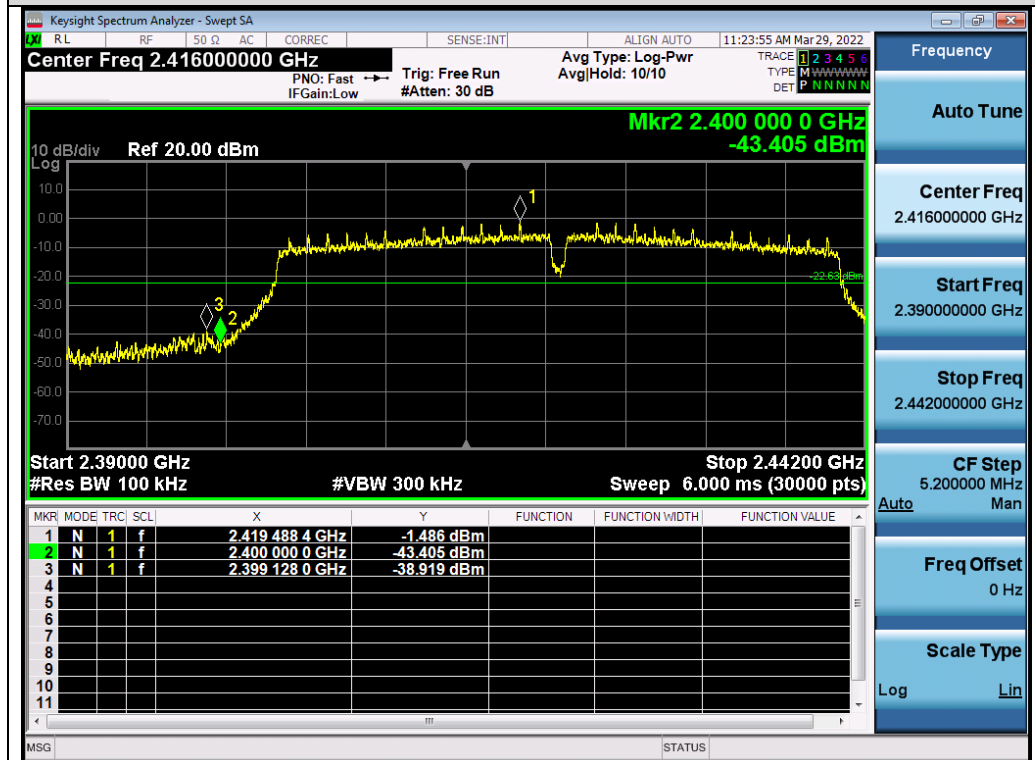


Test_Graph_802.11g_ANT1_2412_6Mbps_Lower Band Edge Emissions

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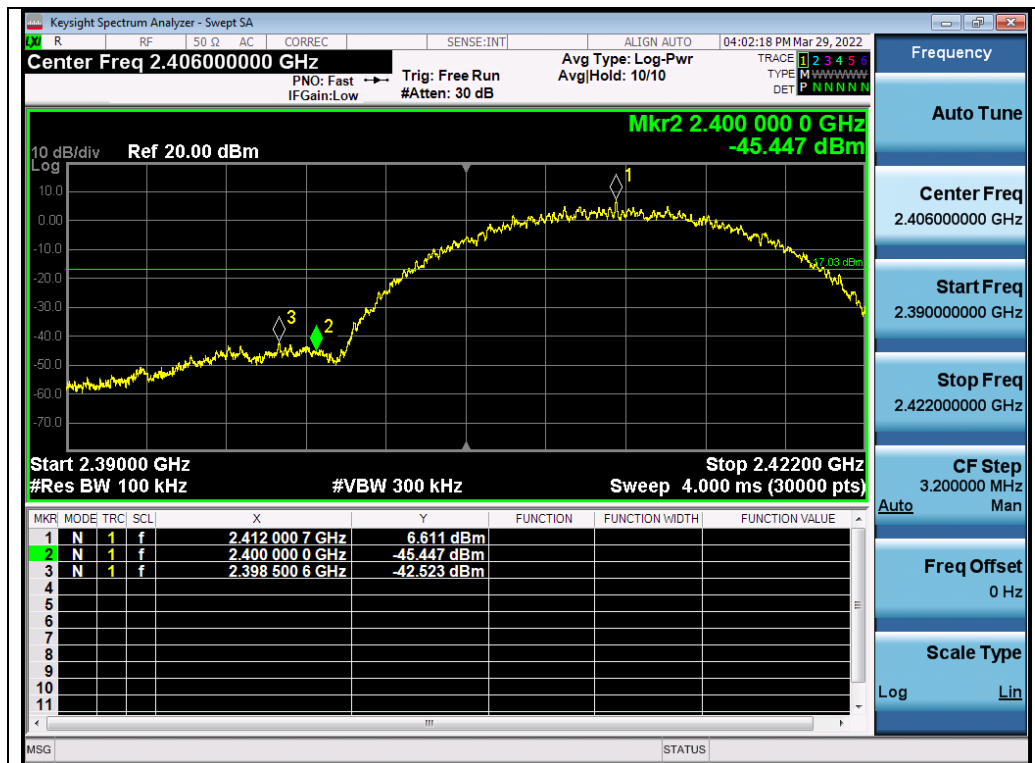


Test_Graph_802.11n20_ANT1_2412_MCS0_Lower Band Edge Emissions

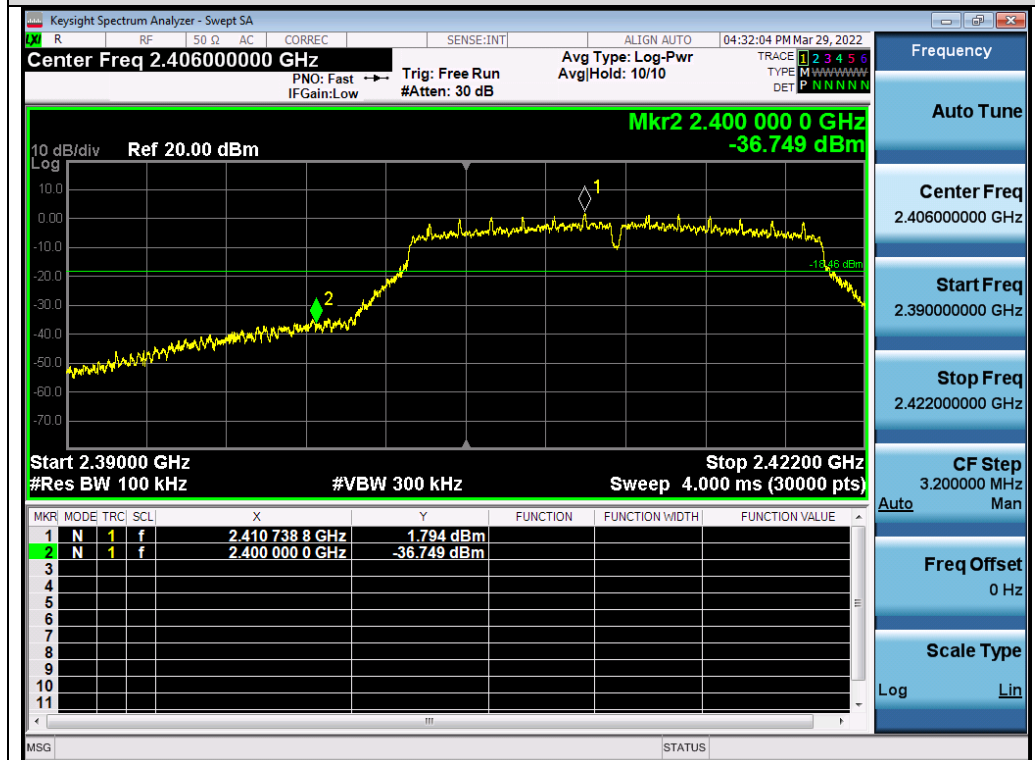


Test_Graph_802.11n40_ANT1_2422_MCS0_Lower Band Edge Emissions

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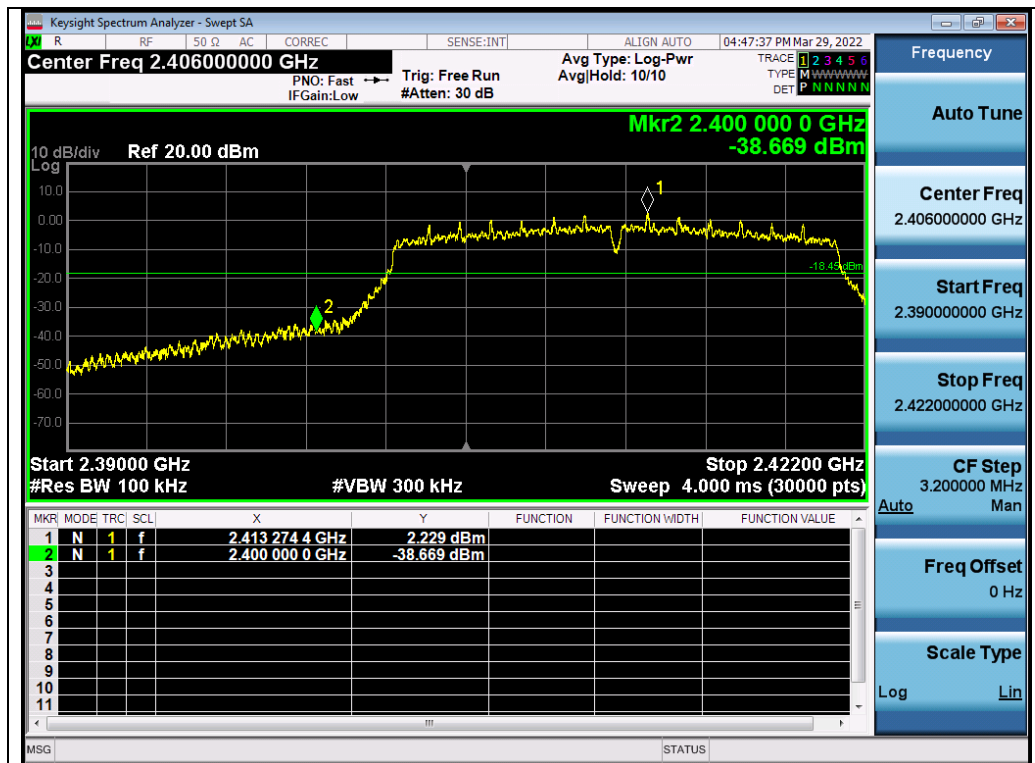


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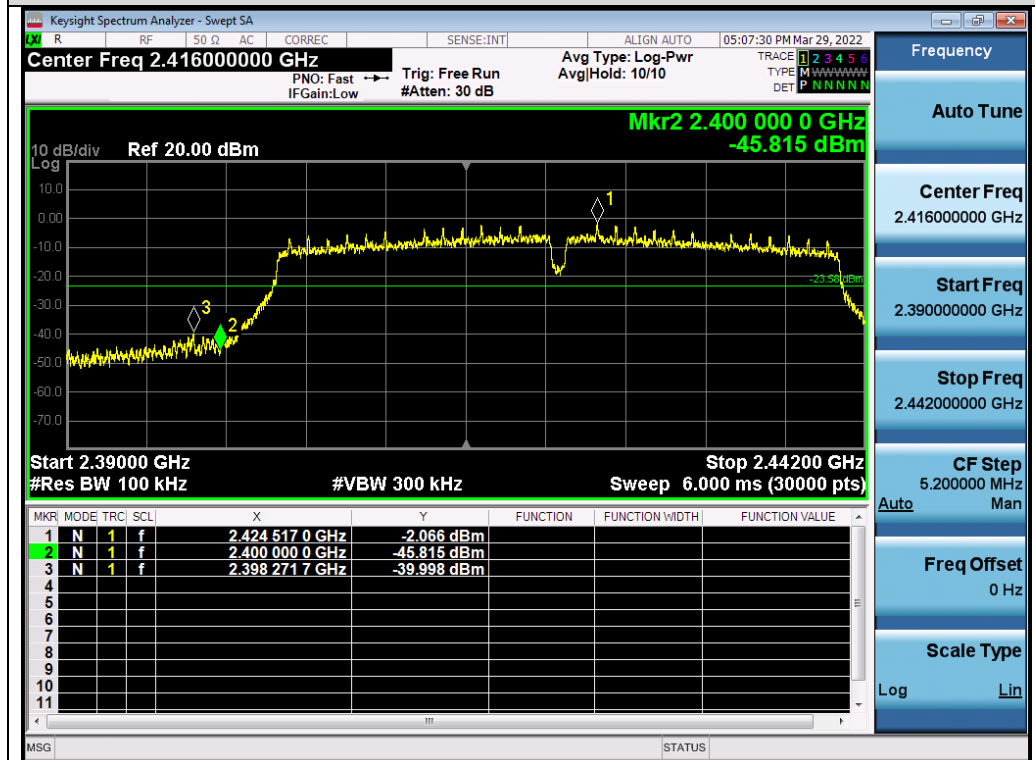


Test_Graph_802.11g_ANT2_2412_6Mbps_Lower Band Edge Emissions

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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-antenna 1					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11b	2412	4.679	-3.560	-8	Pass
	2437	4.463	-3.776	-8	Pass
	2462	3.401	-4.838	-8	Pass
802.11g	2412	-4.520	-12.759	-8	Pass
	2437	-5.043	-13.282	-8	Pass
	2462	-2.727	-10.966	-8	Pass
802.11n20	2412	-3.536	-11.775	-8	Pass
	2437	-3.915	-12.154	-8	Pass
	2462	-3.573	-11.812	-8	Pass
802.11n40	2422	-8.221	-16.460	-8	Pass
	2437	-8.490	-16.729	-8	Pass
	2452	-9.585	-17.824	-8	Pass

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Test Data of Conducted Output Power Spectral Density-antenna 2					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11b	2412	2.627	-5.612	≤ 8	Pass
	2437	3.139	-5.100	≤ 8	Pass
	2462	2.917	-5.322	≤ 8	Pass
802.11g	2412	-3.760	-11.999	≤ 8	Pass
	2437	-5.433	-13.672	≤ 8	Pass
	2462	-0.093	-8.332	≤ 8	Pass
802.11n20	2412	-4.928	-13.167	≤ 8	Pass
	2437	-5.505	-13.744	≤ 8	Pass
	2462	-3.456	-11.695	≤ 8	Pass
802.11n40	2422	-8.651	-16.89	≤ 8	Pass
	2437	-8.915	-17.154	≤ 8	Pass
	2452	-10.322	-18.561	≤ 8	Pass

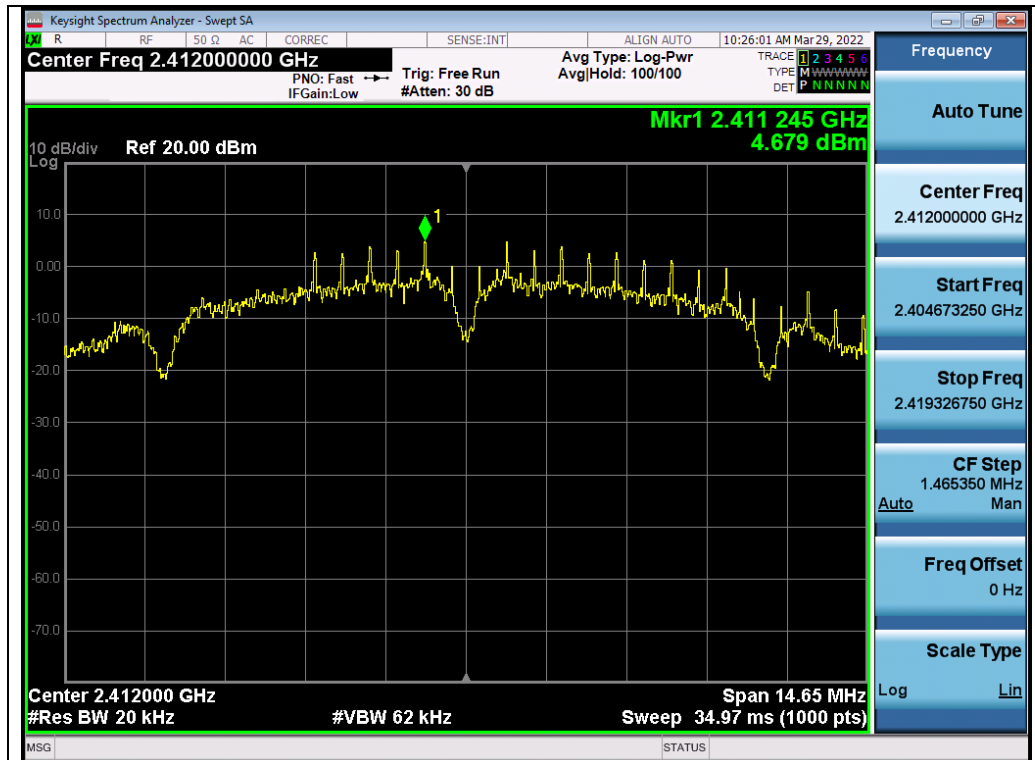
Test Data of Conducted Output Power Spectral Density-antenna 1+2					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11n20	2412	-1.166	-9.405	≤ 8	Pass
	2437	-1.627	-9.866	≤ 8	Pass
	2462	-0.504	-8.743	≤ 8	Pass
802.11n40	2422	-5.420	-13.659	≤ 8	Pass
	2437	-5.687	-13.926	≤ 8	Pass
	2452	-6.928	-15.167	≤ 8	Pass

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

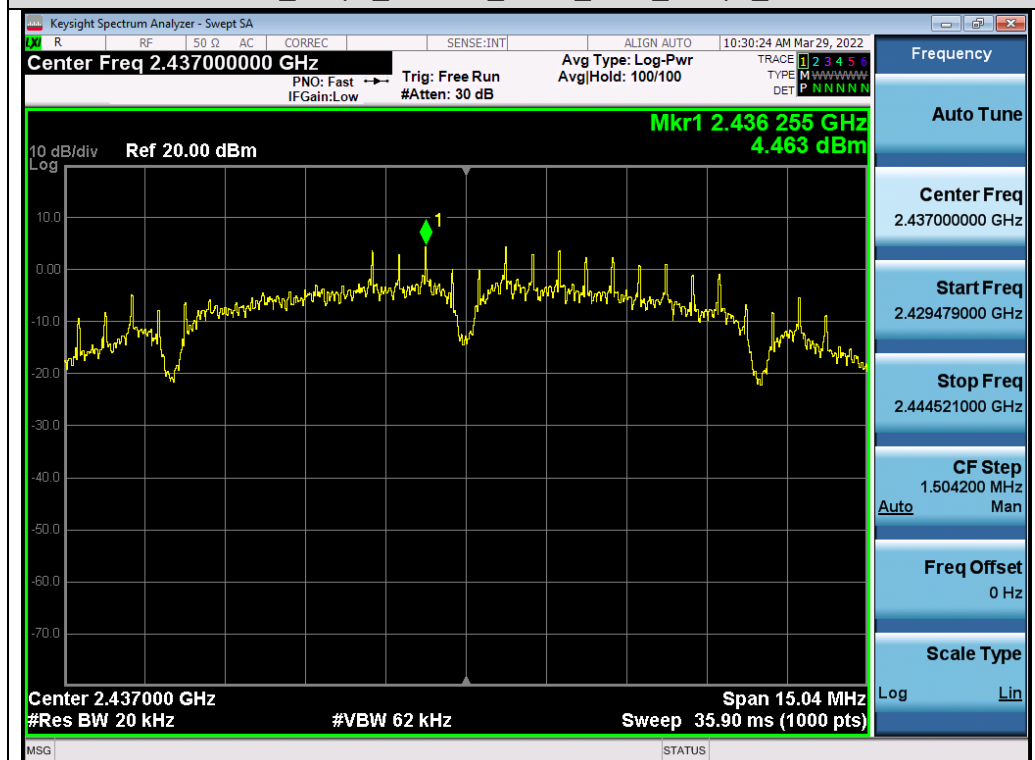
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Test Graphs of Conducted Output Power Spectral Density

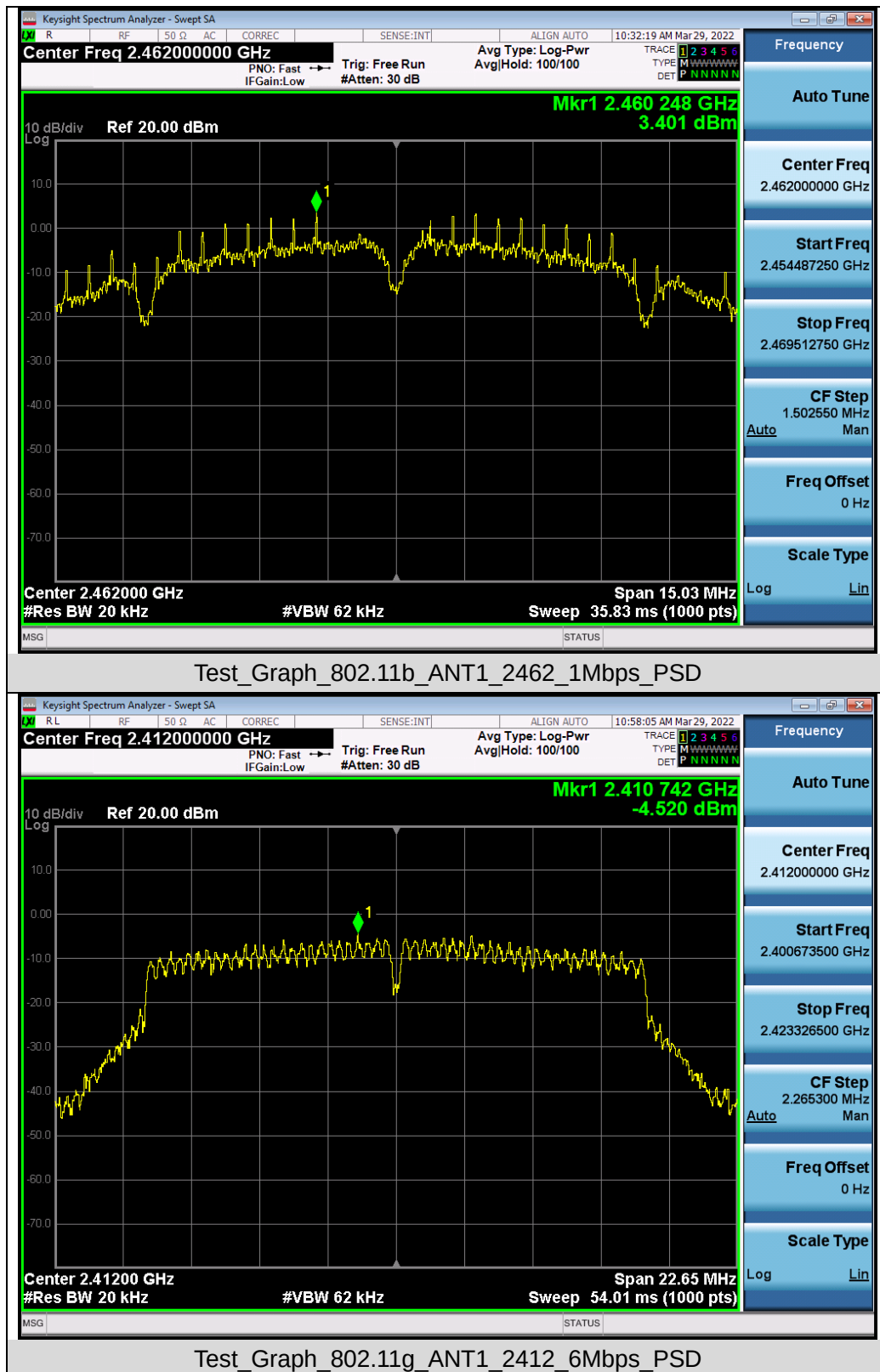


Test_Graph_802.11b_ANT1_2412_1Mbps_PSD

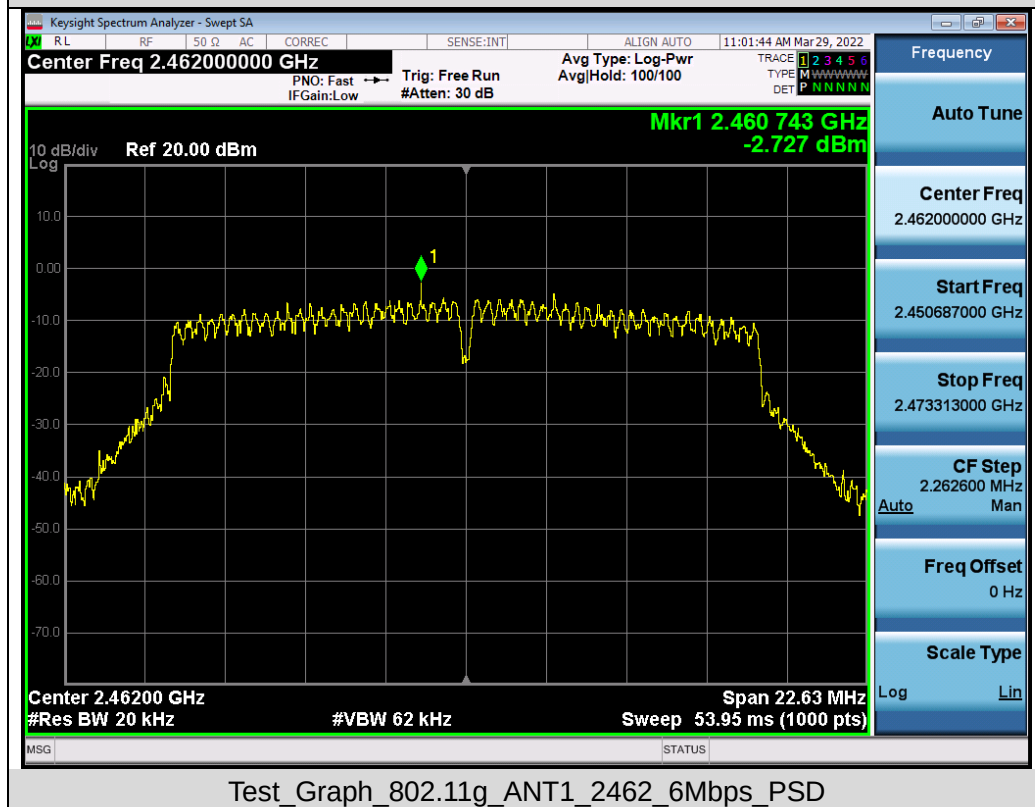
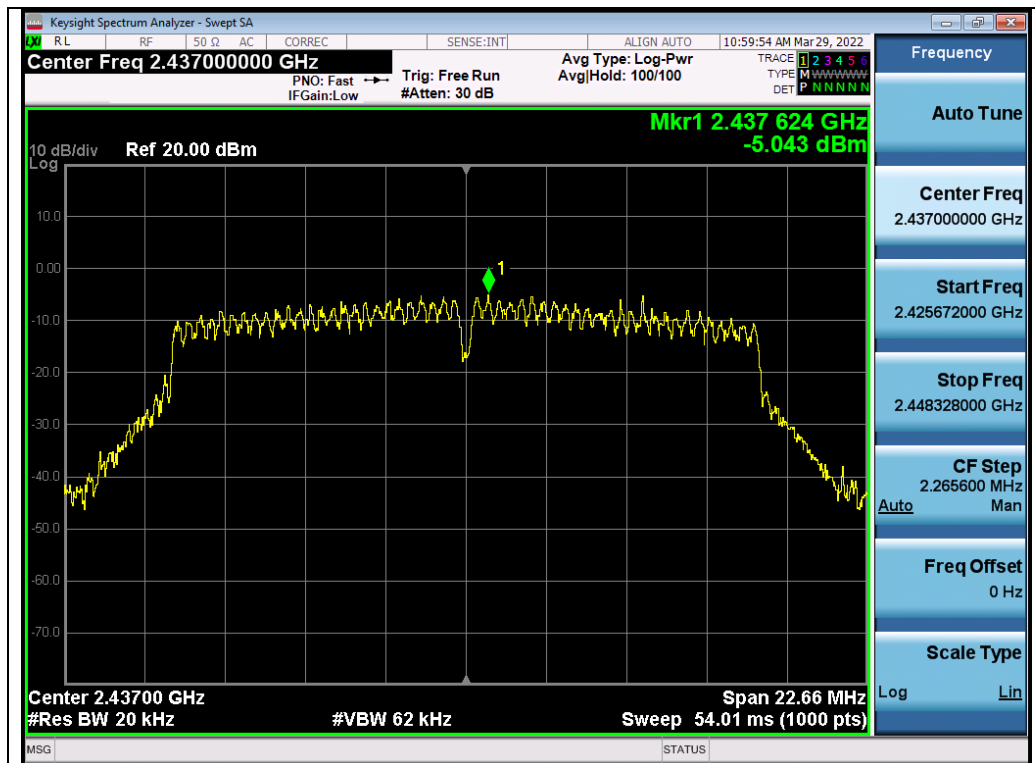


Test_Graph_802.11b_ANT1_2437_1Mbps_PSD

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