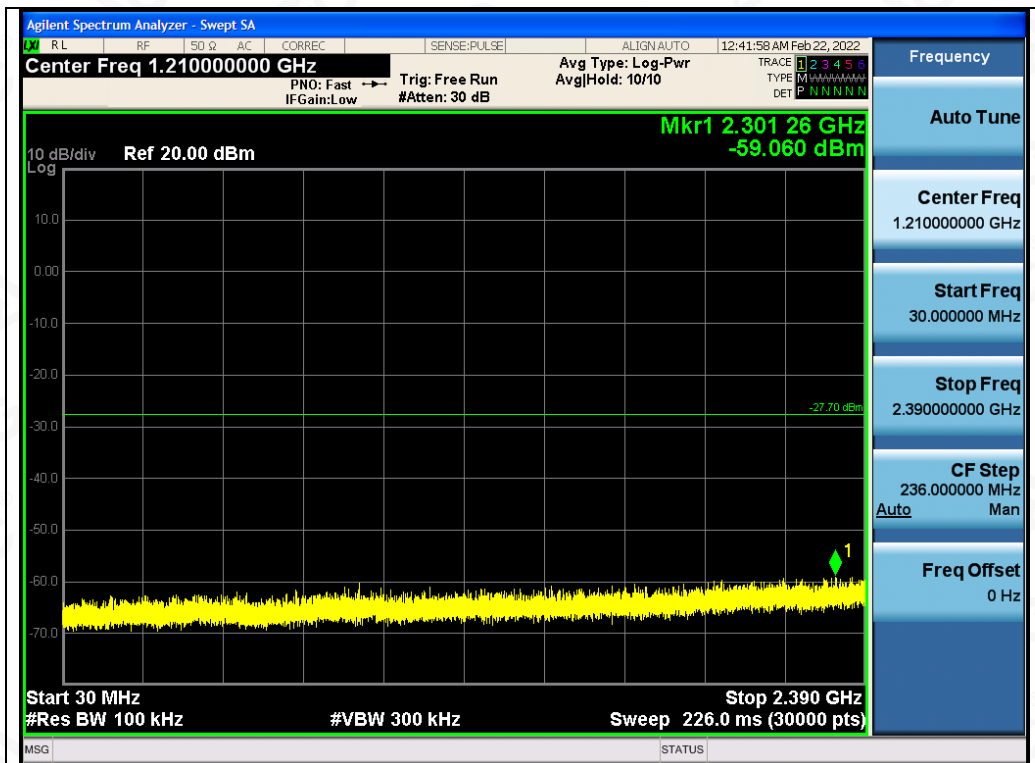


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Test\_Graph\_802.11g\_ANT1\_2412\_6Mbps\_Lower Band Emissions

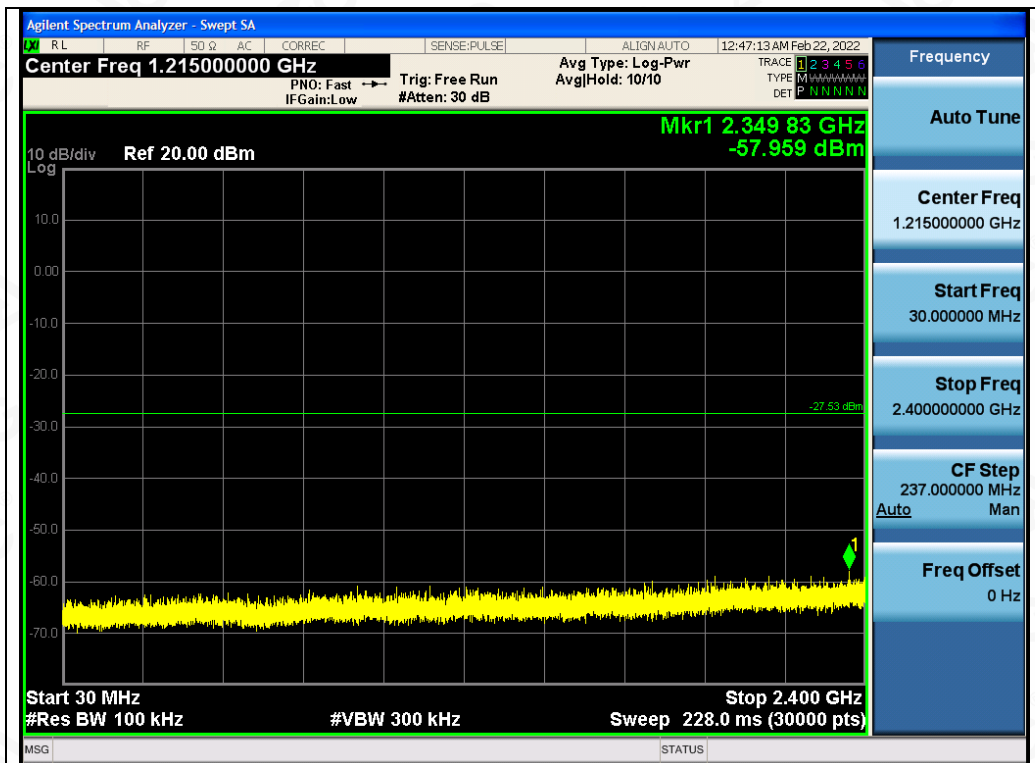


Test\_Graph\_802.11g\_ANT1\_2412\_6Mbps\_Higher Band Emissions

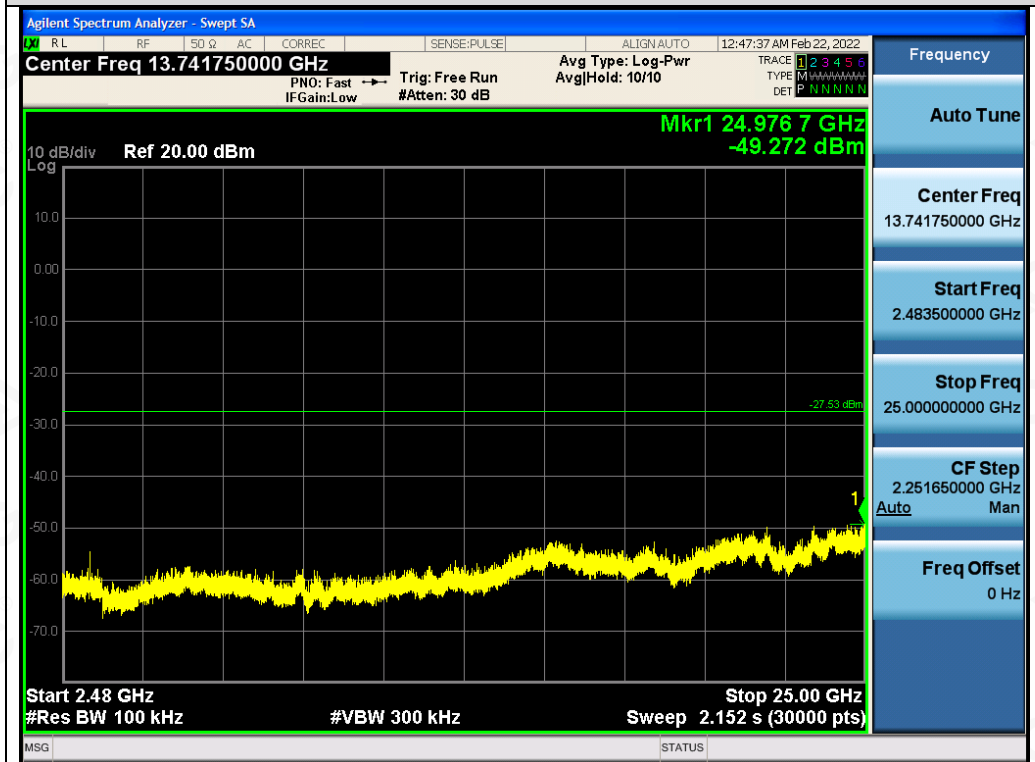
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Test\_Graph\_802.11g\_ANT1\_2437\_6Mbps\_Lower Band Emissions

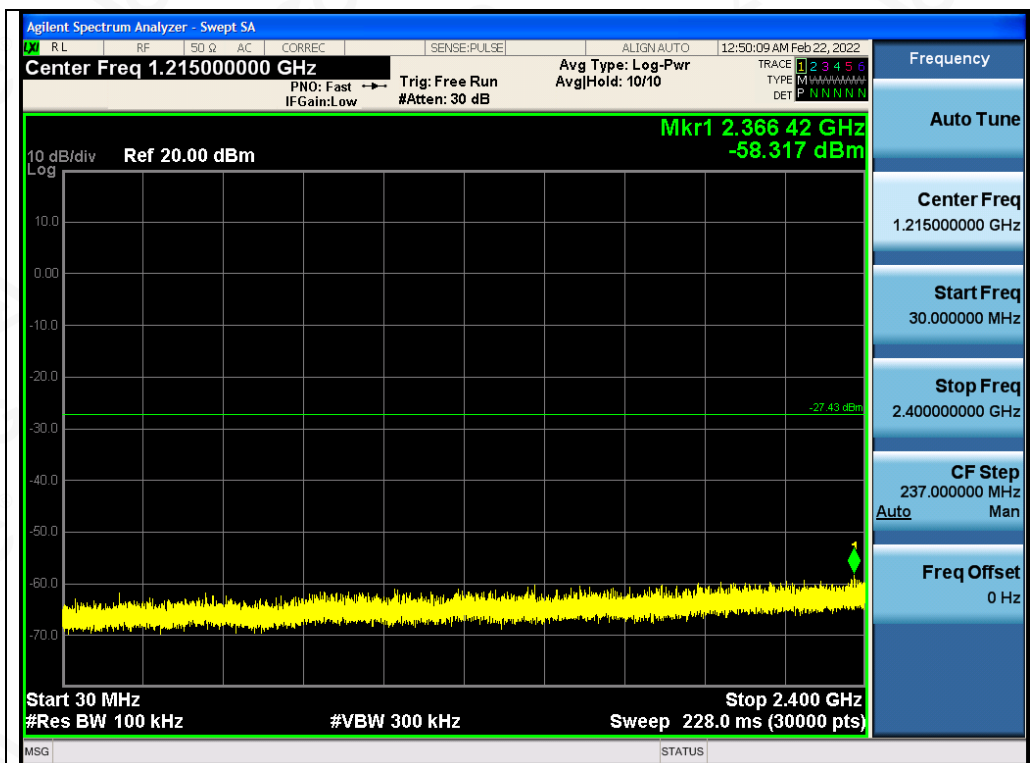


Test\_Graph\_802.11g\_ANT1\_2437\_6Mbps\_Higher Band Emissions

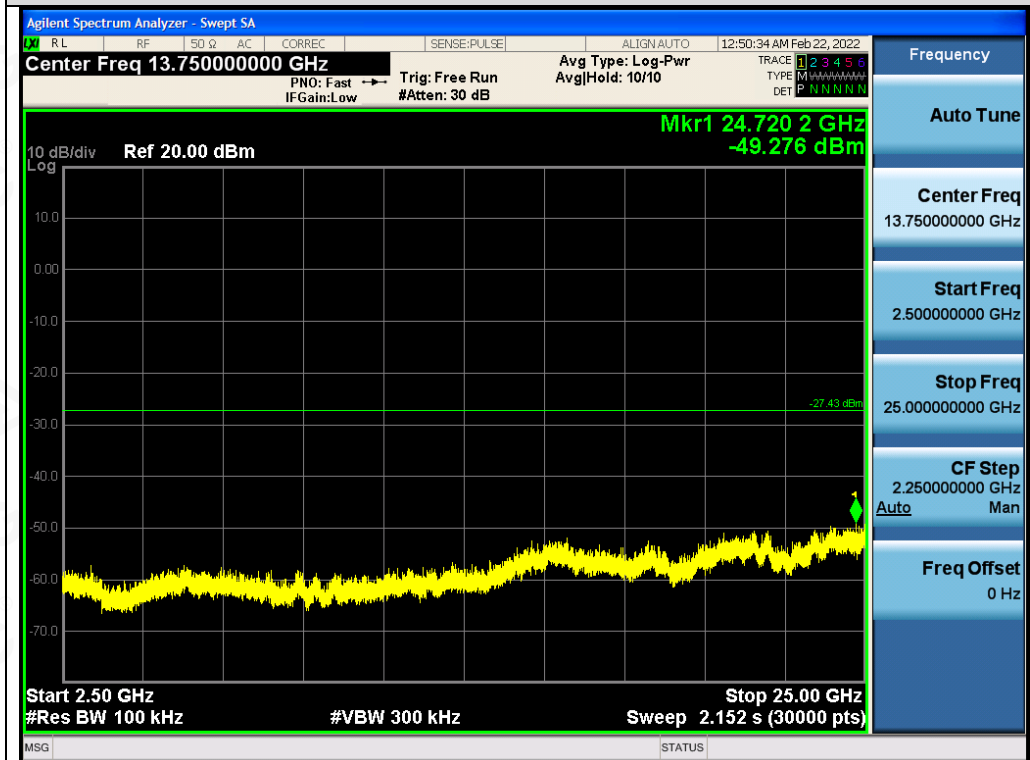
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Test\_Graph\_802.11g\_ANT1\_2462\_6Mbps\_Lower Band Emissions



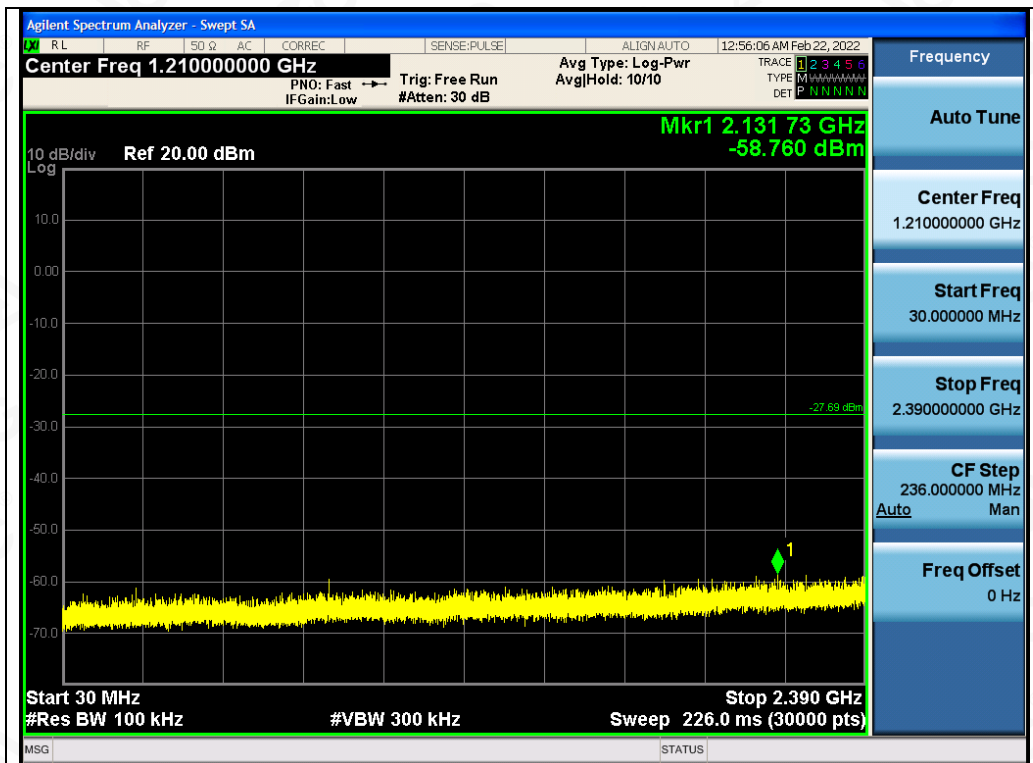
Test\_Graph\_802.11g\_ANT1\_2462\_6Mbps\_Higher Band Emissions

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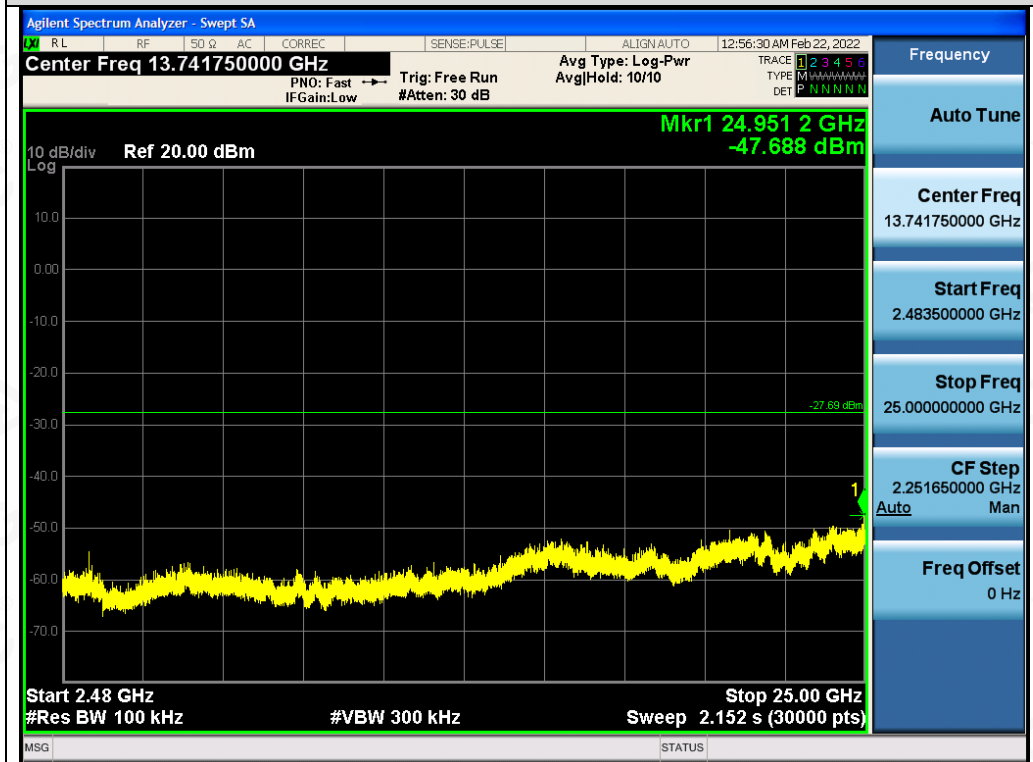
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Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_Lower Band Emissions

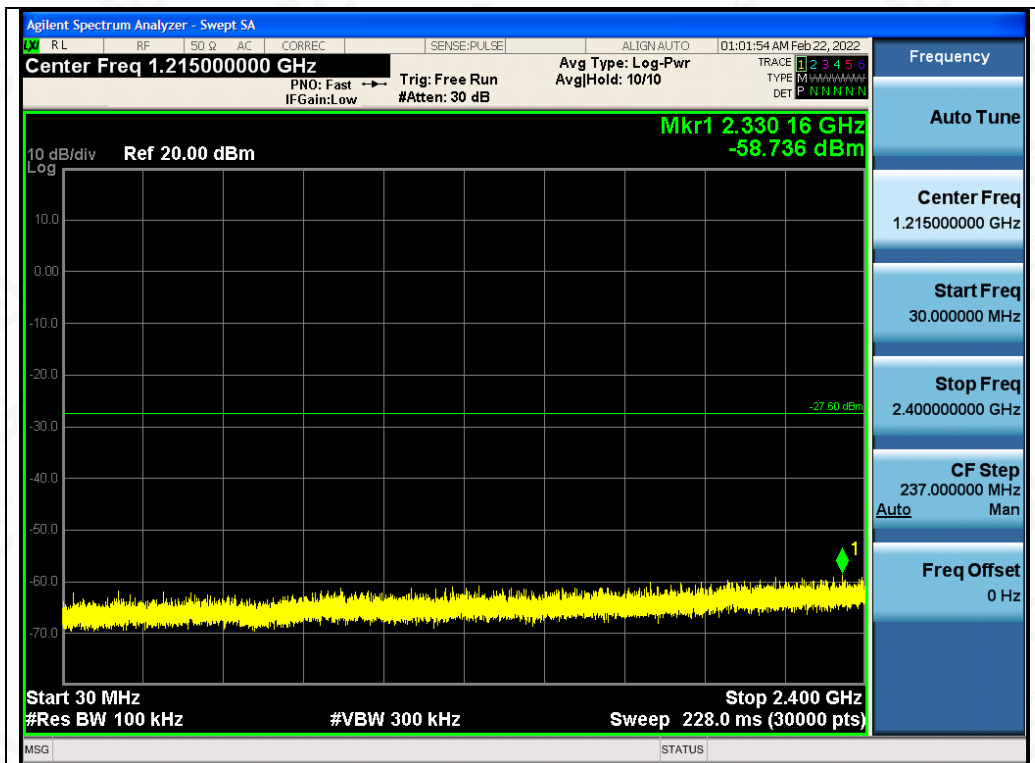


Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_Higher Band Emissions

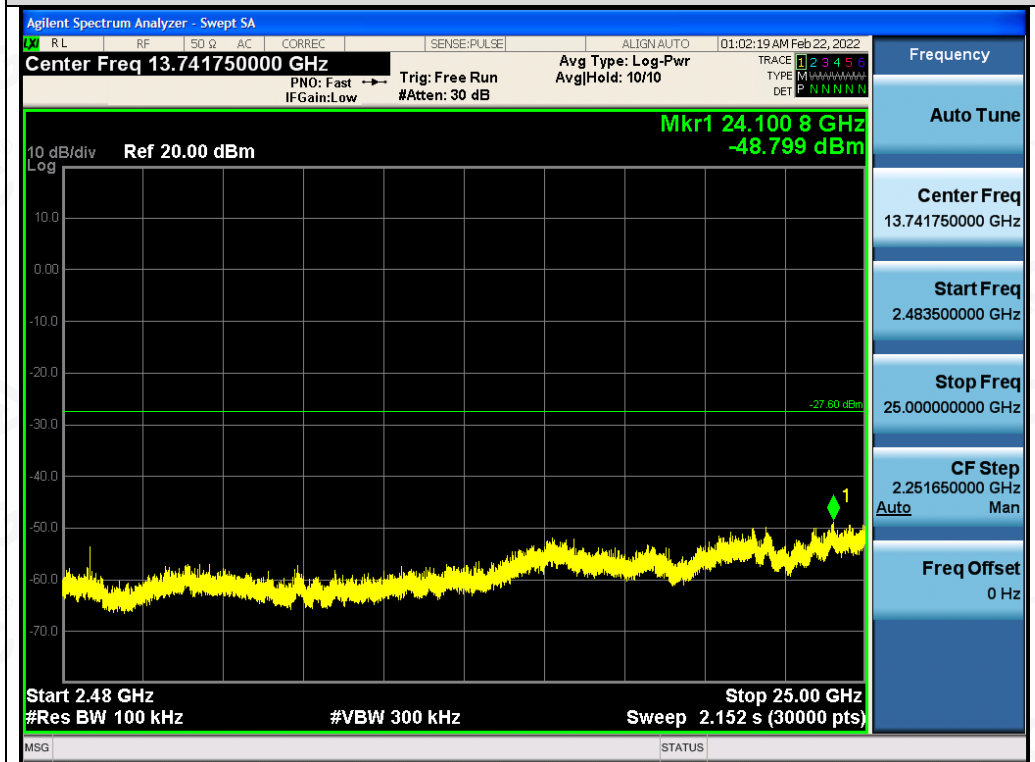
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Test\_Graph\_802.11n20\_ANT1\_2437\_MCS0\_Lower Band Emissions

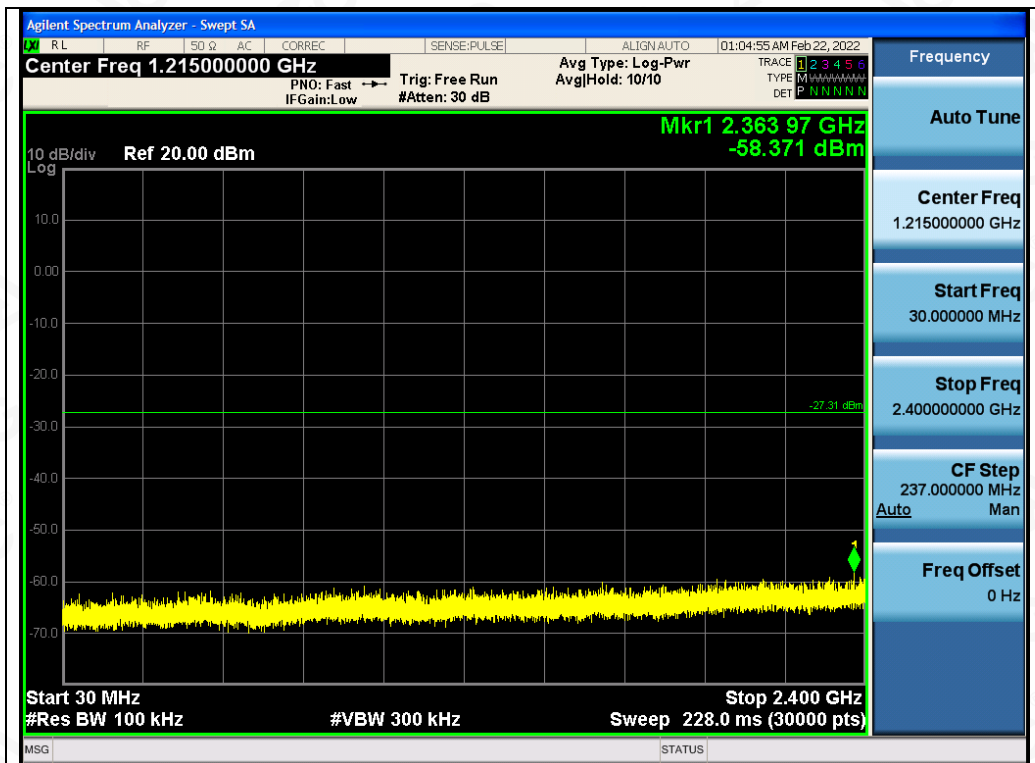


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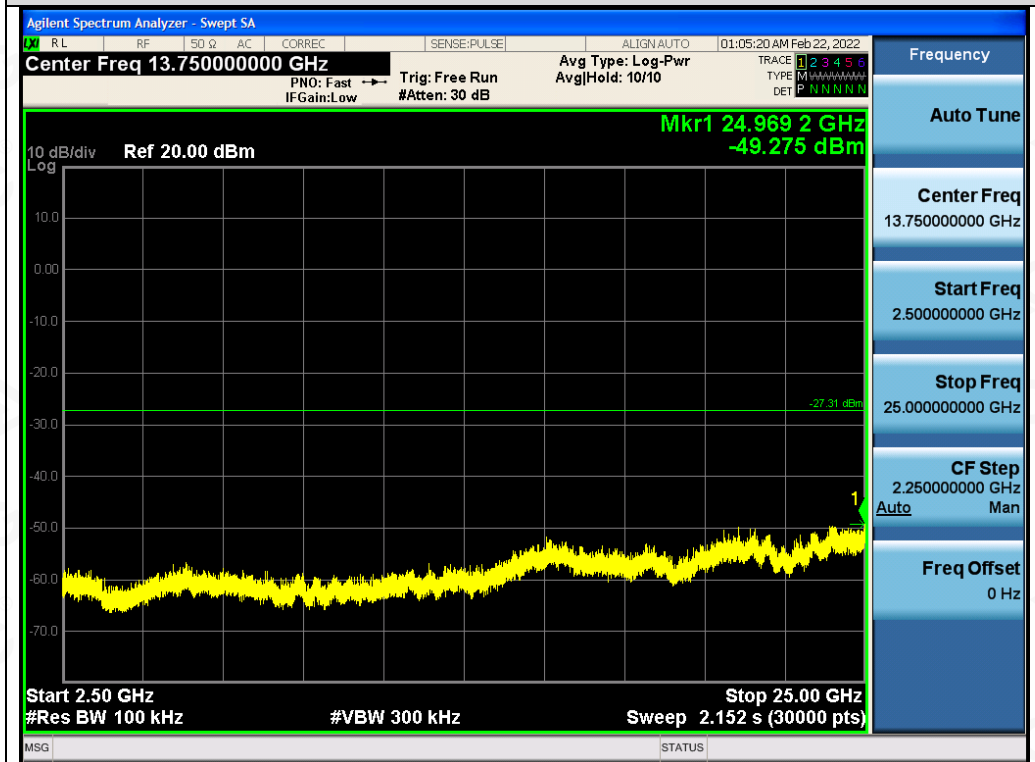
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Test\_Graph\_802.11n20\_ANT1\_2462\_MCS0\_Lower Band Emissions

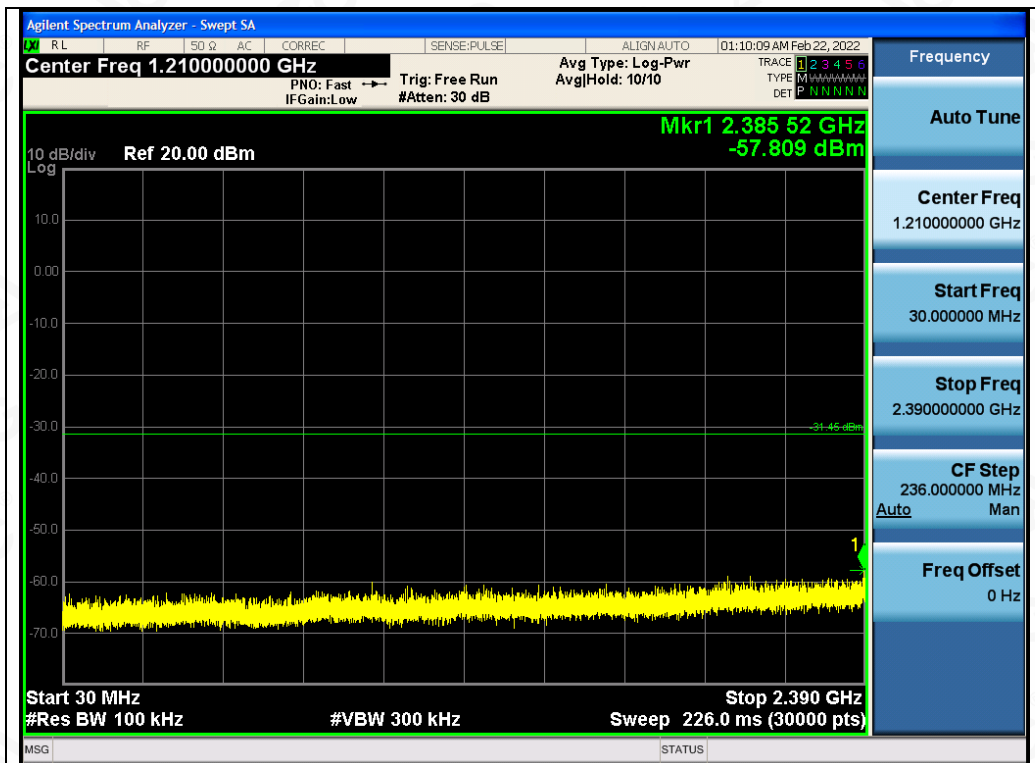


Test\_Graph\_802.11n20\_ANT1\_2462\_MCS0\_Higher Band Emissions

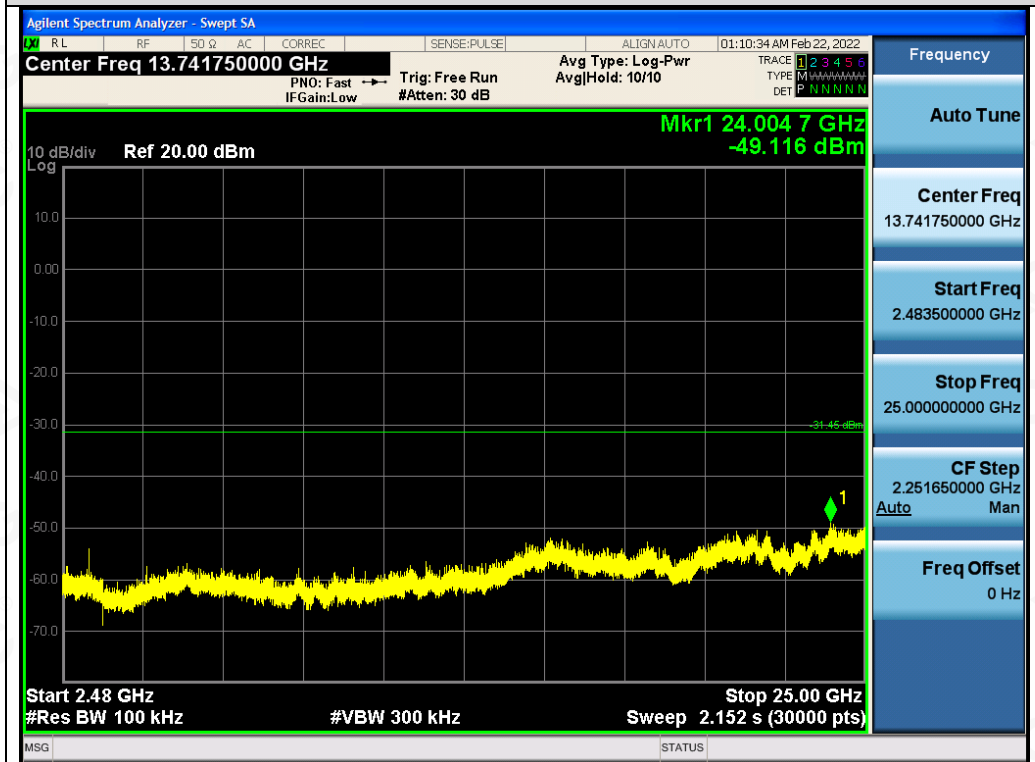
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Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_Lower Band Emissions



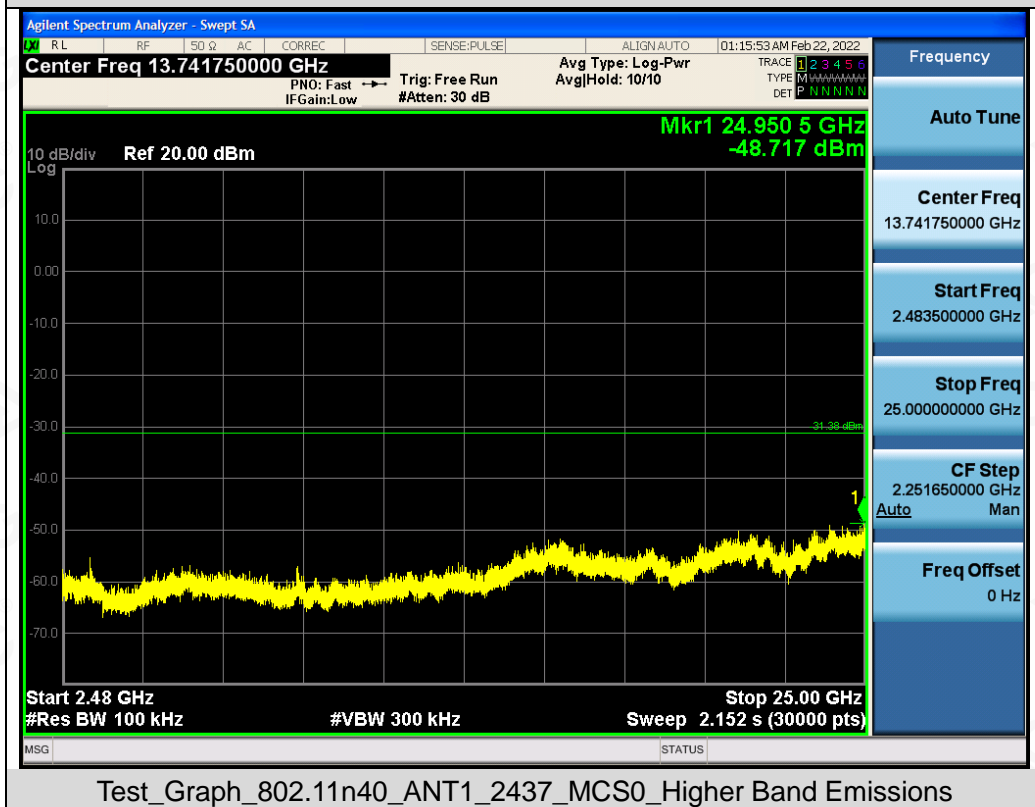
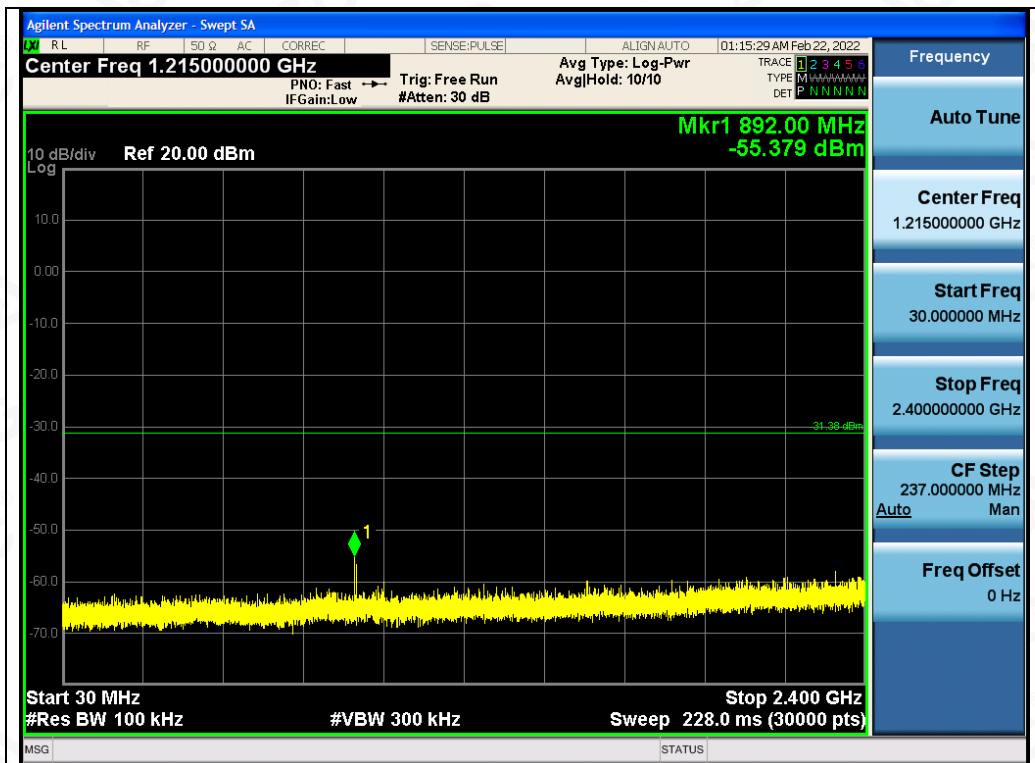
Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_Higher Band Emissions

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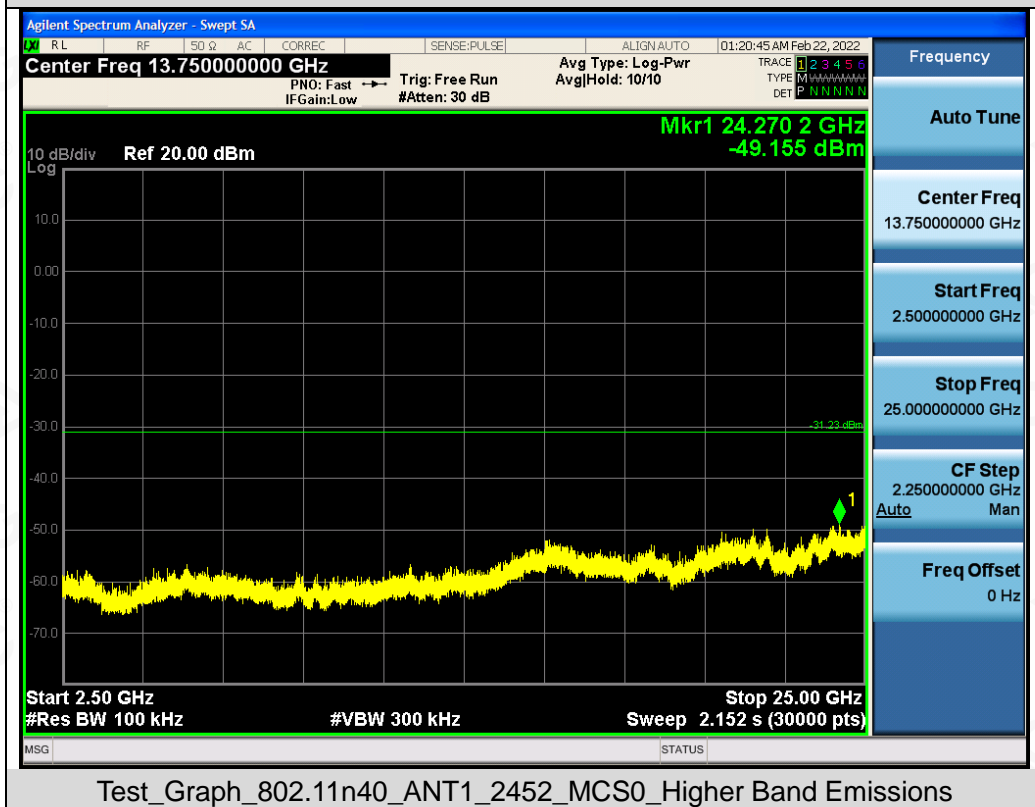
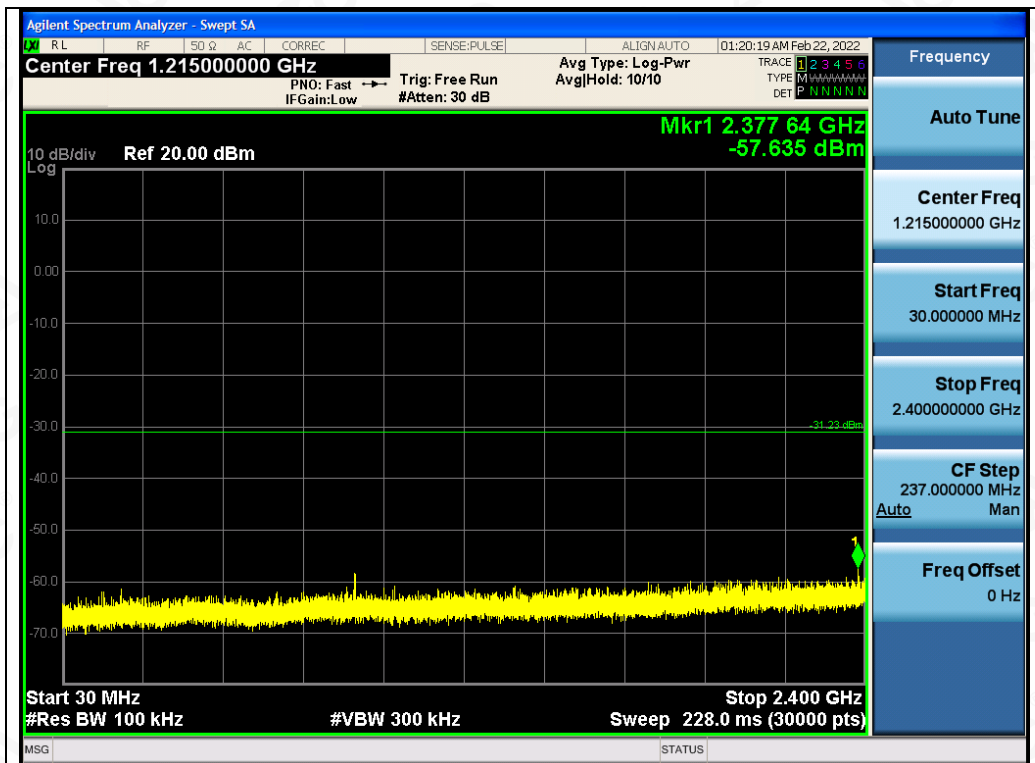




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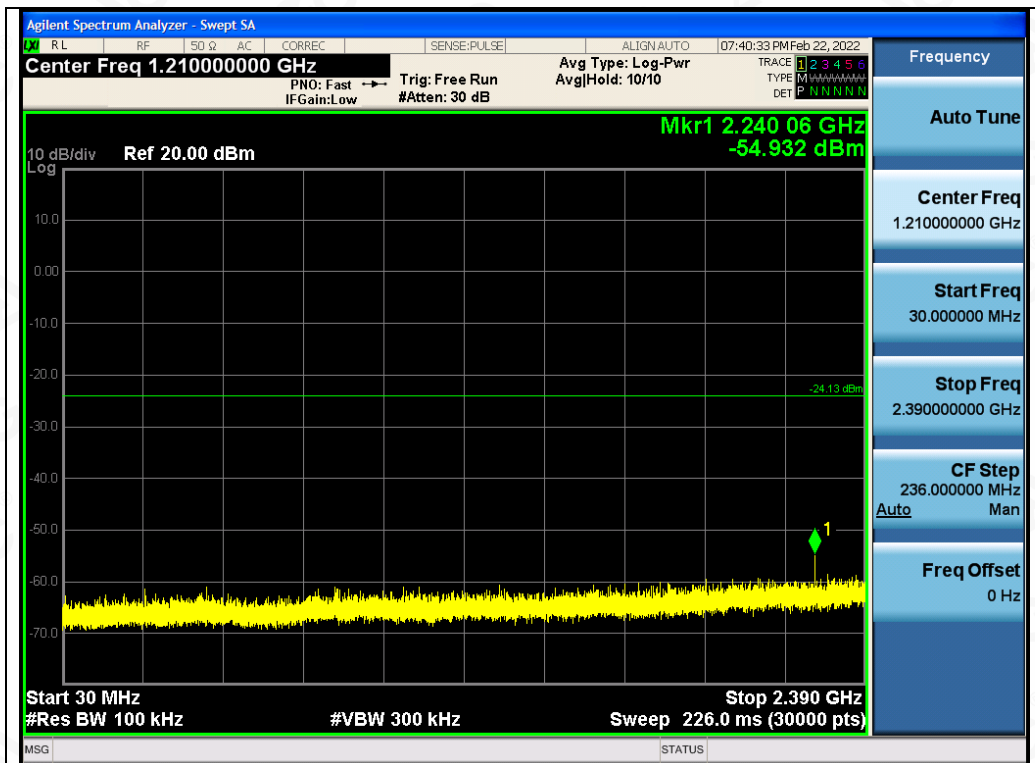




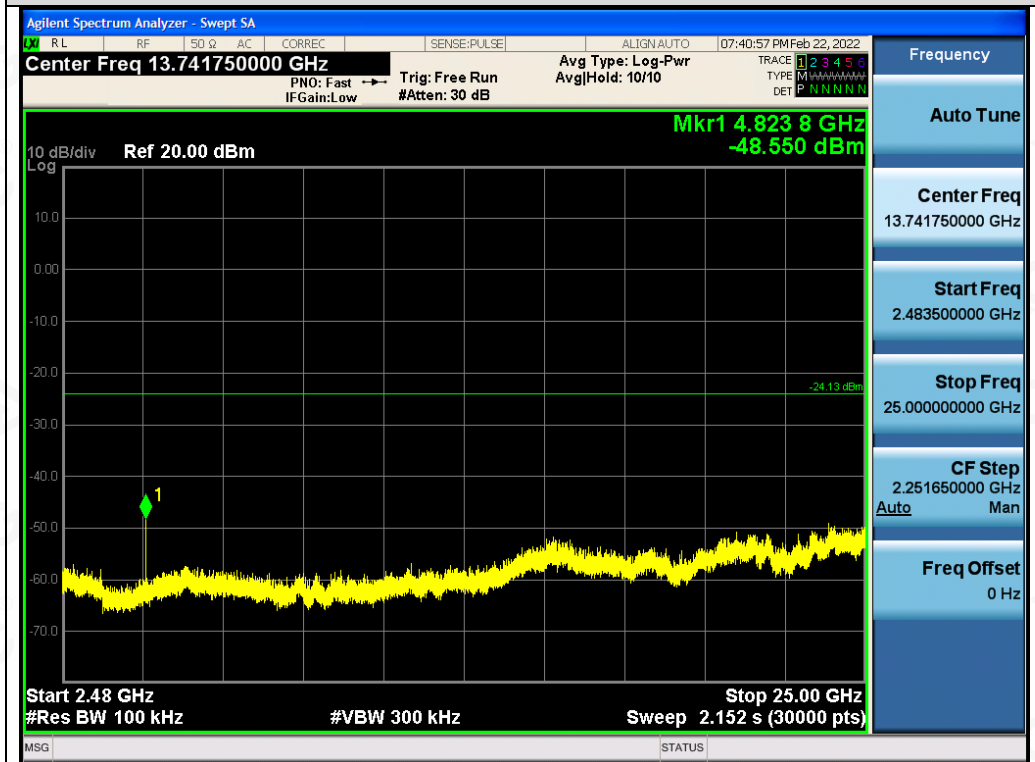
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Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_Lower Band Emissions

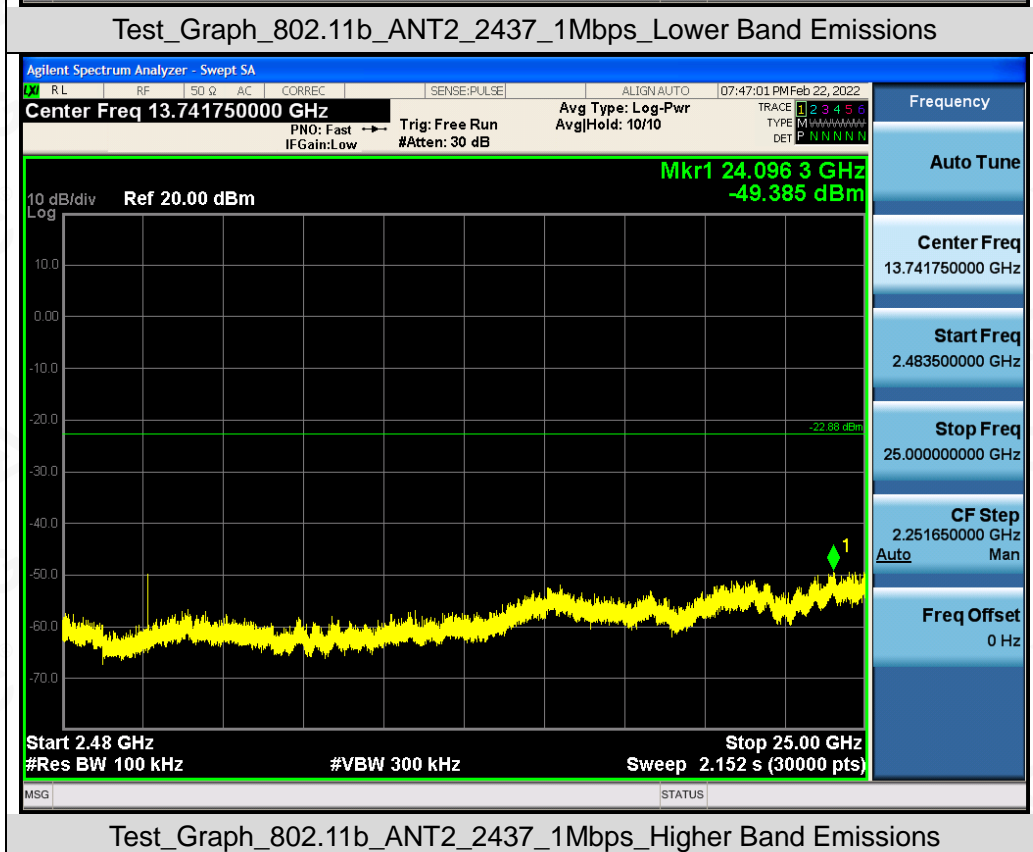
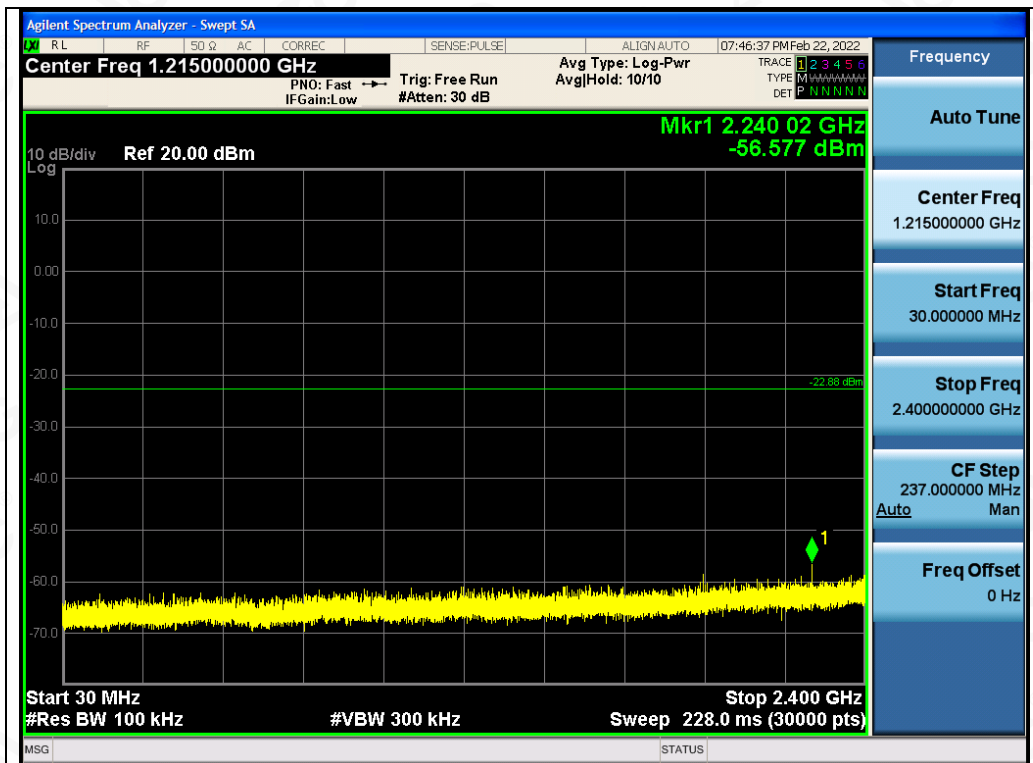


Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_Higher Band Emissions

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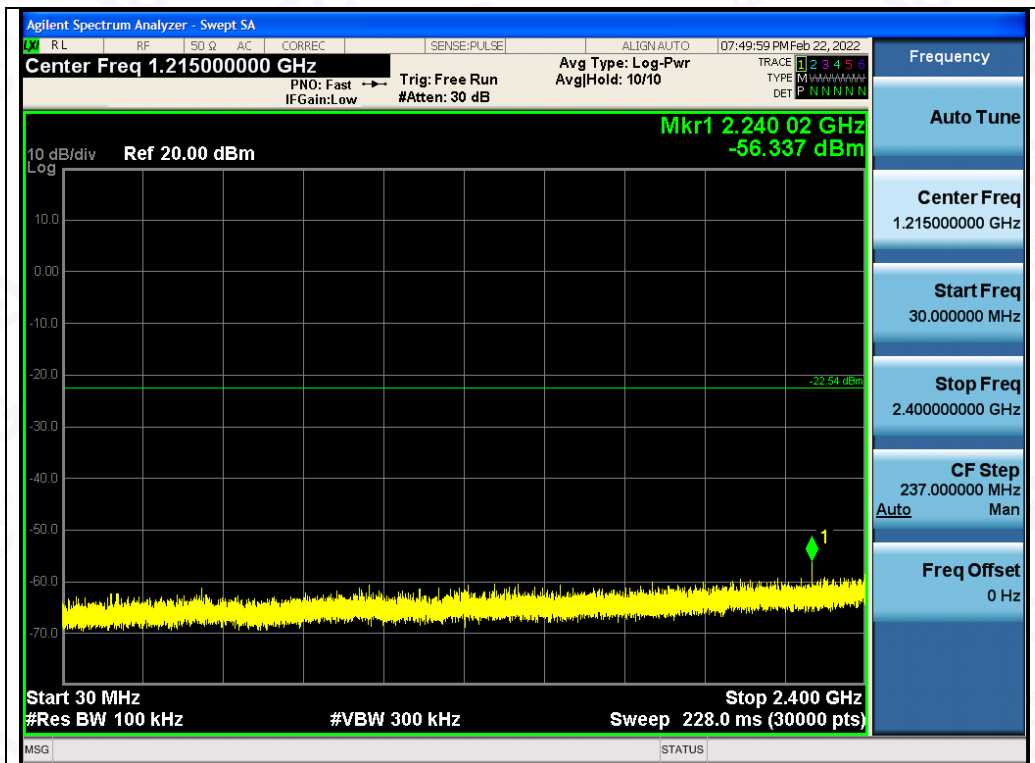


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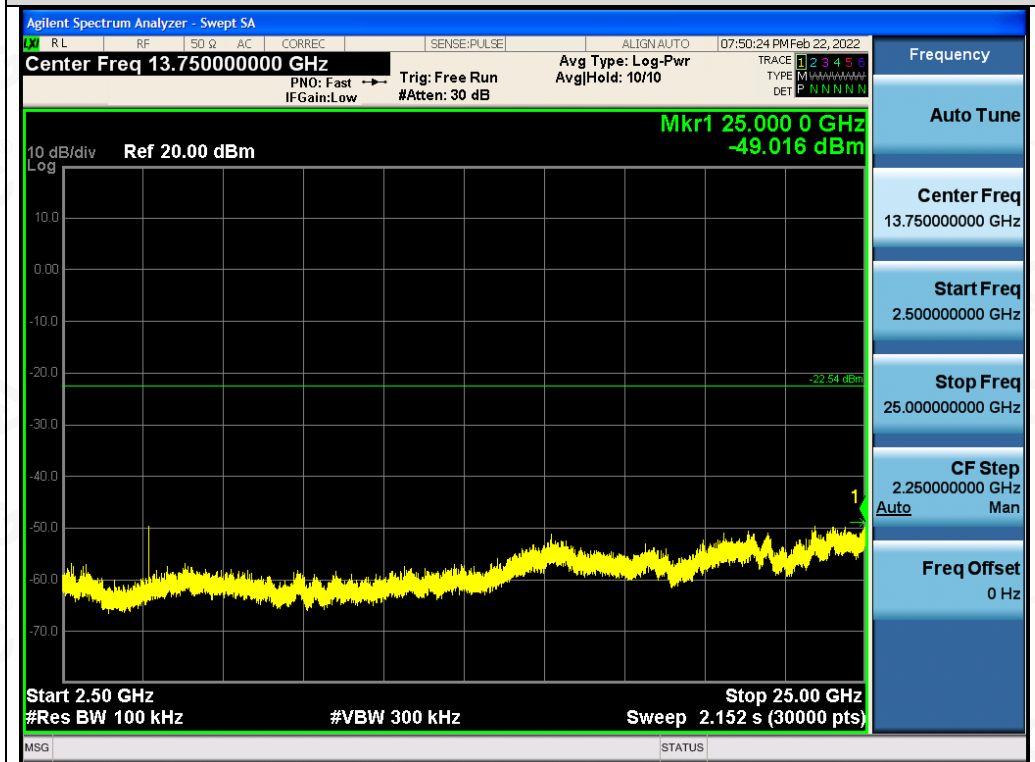
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Test\_Graph\_802.11b\_ANT2\_2462\_1Mbps\_Lower Band Emissions

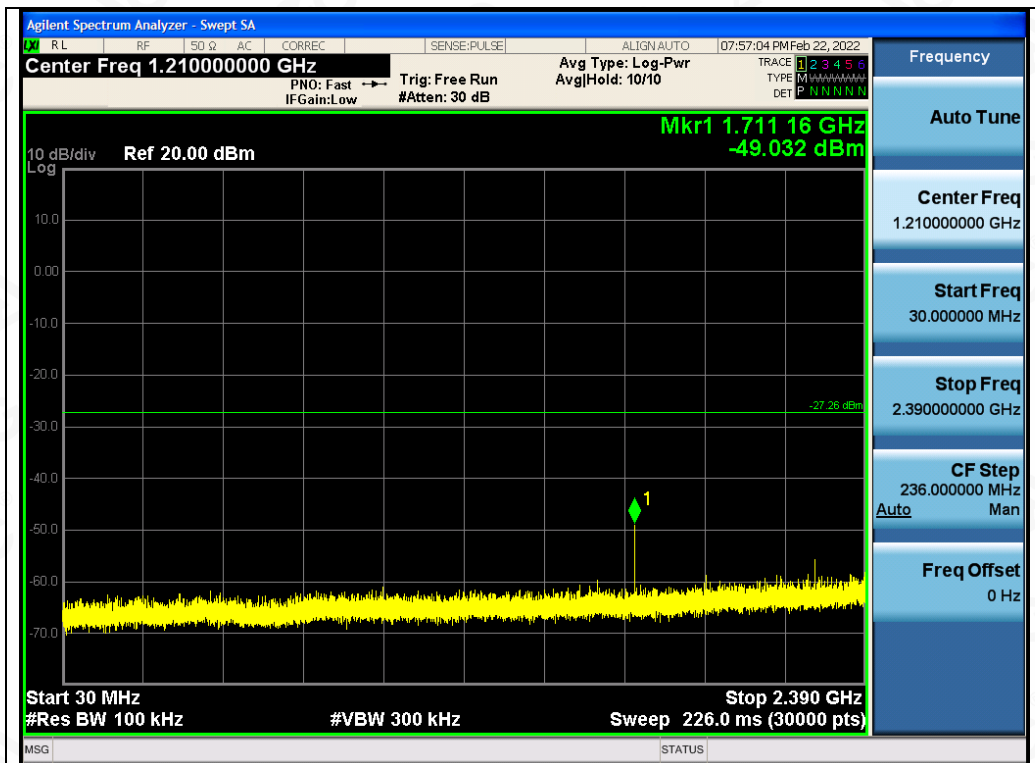


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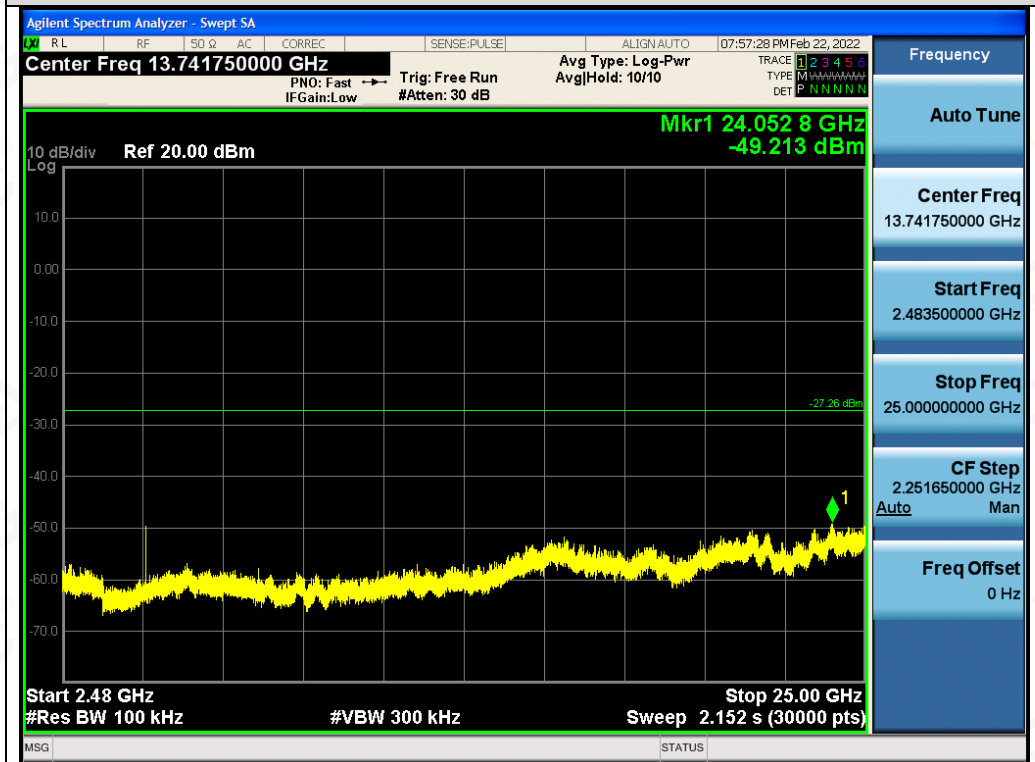
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Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_Lower Band Emissions

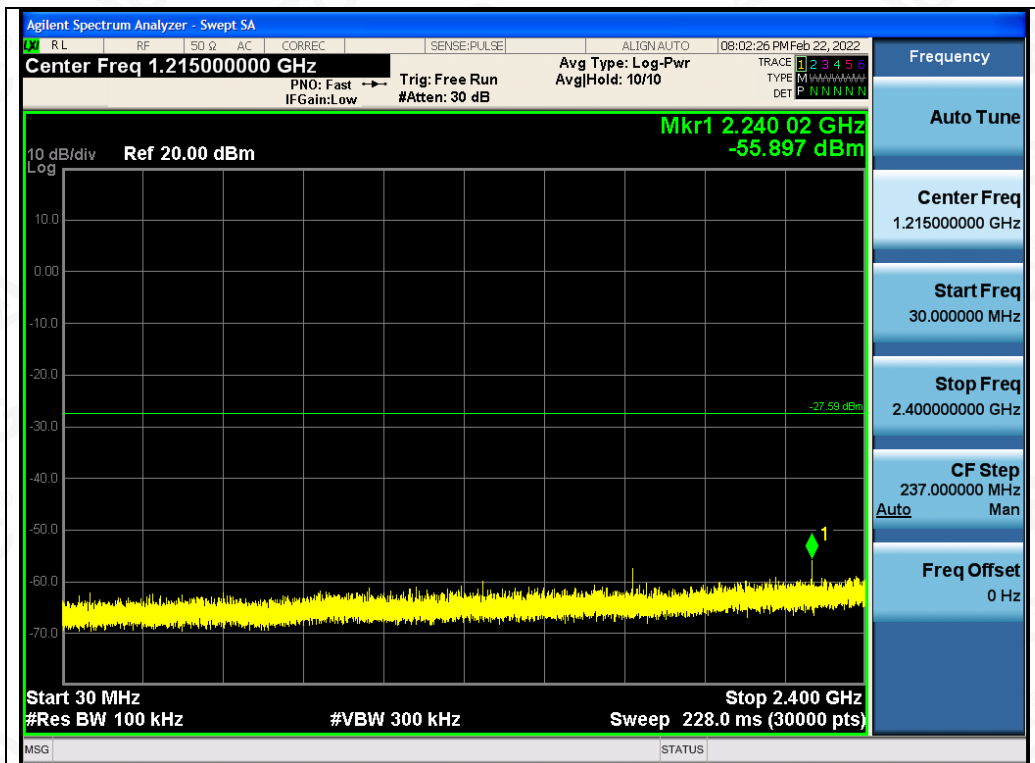


Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_Higher Band Emissions

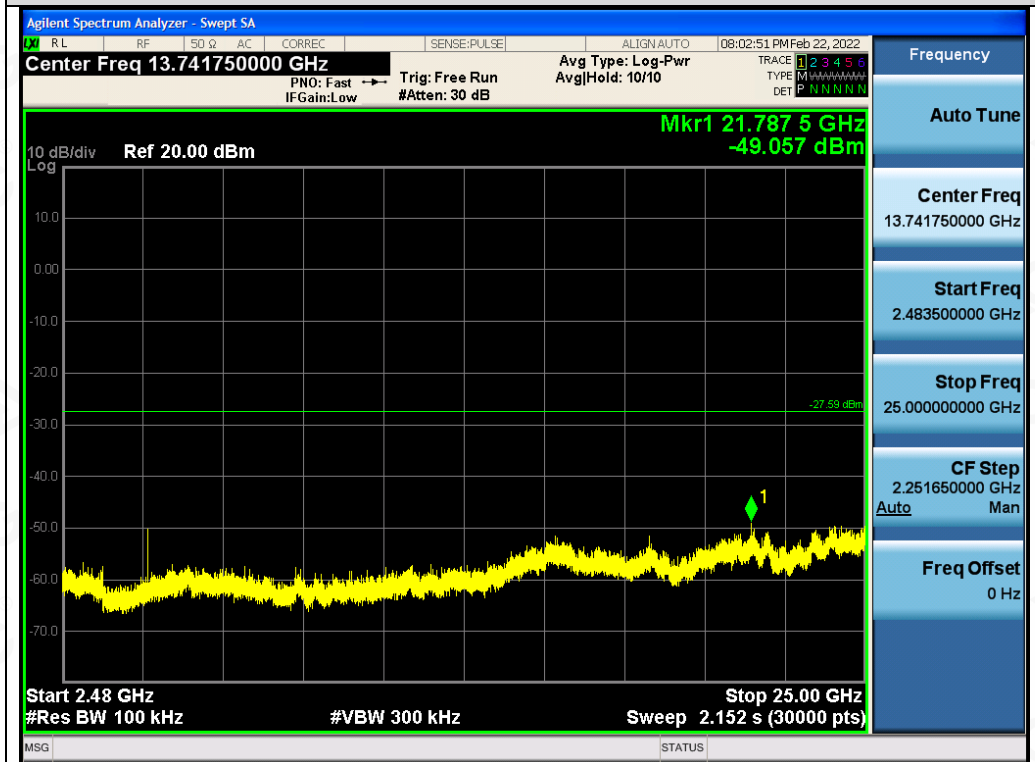
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Test\_Graph\_802.11g\_ANT2\_2437\_6Mbps\_Lower Band Emissions

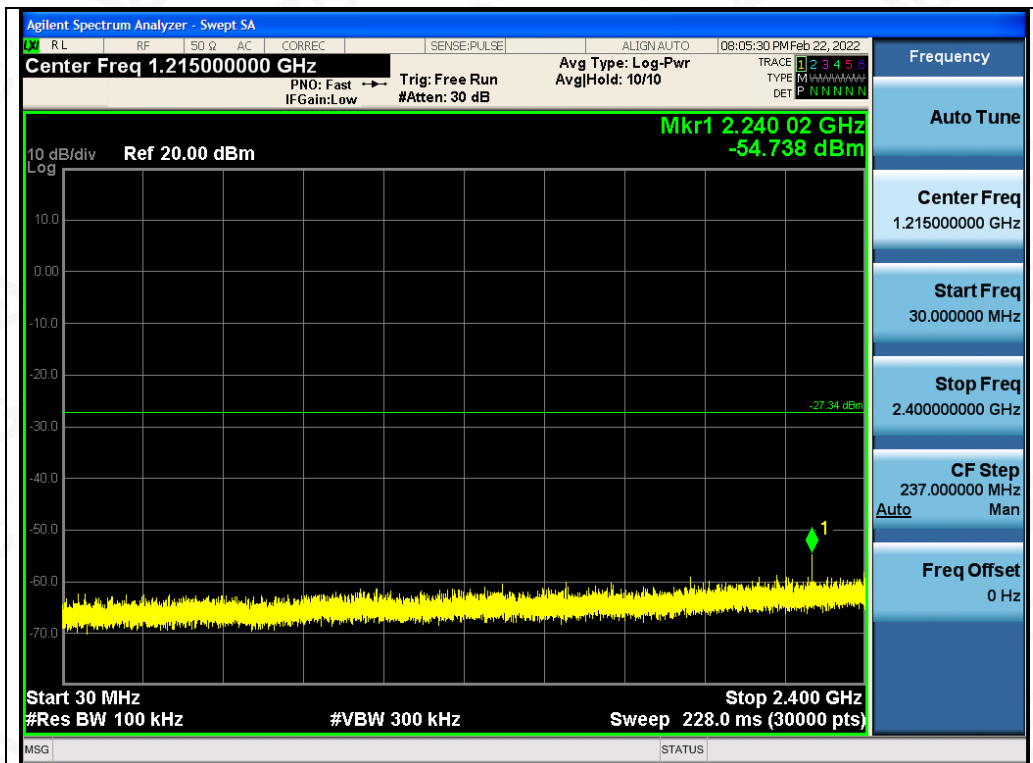


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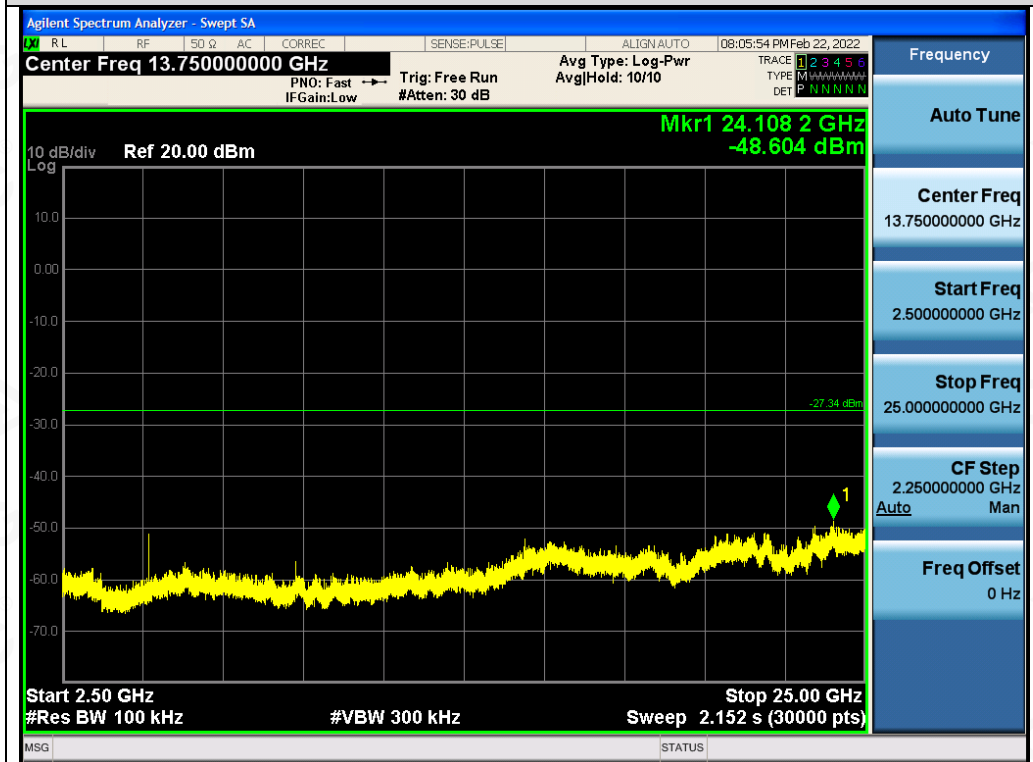
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Test\_Graph\_802.11g\_ANT2\_2462\_6Mbps\_Lower Band Emissions



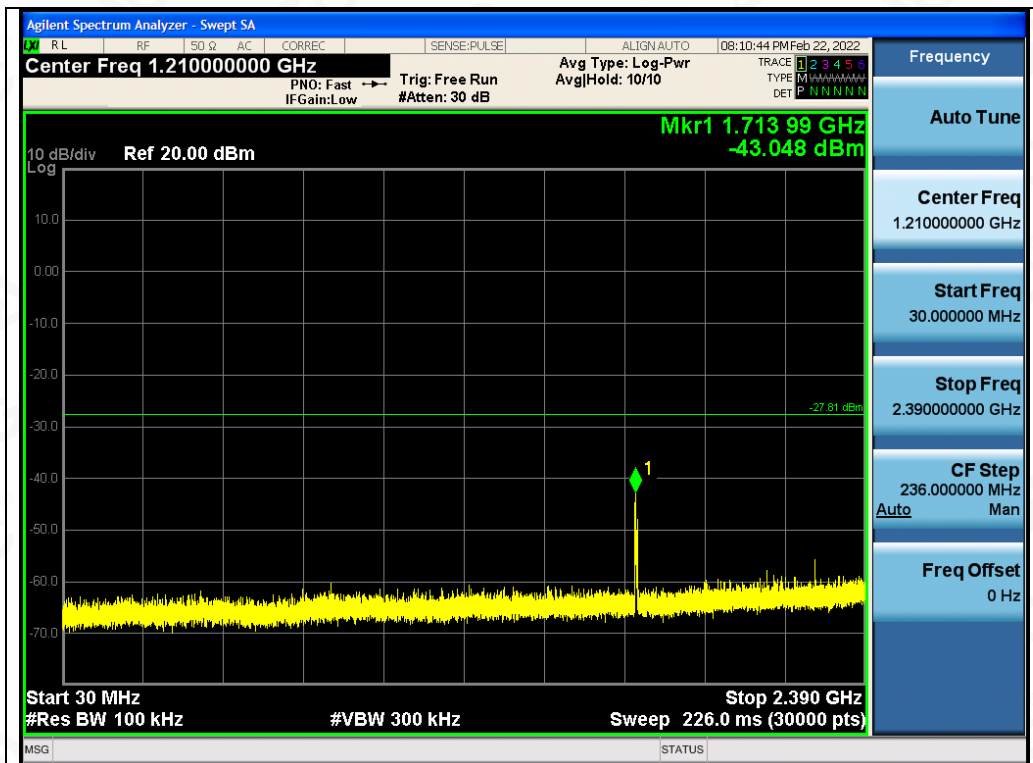
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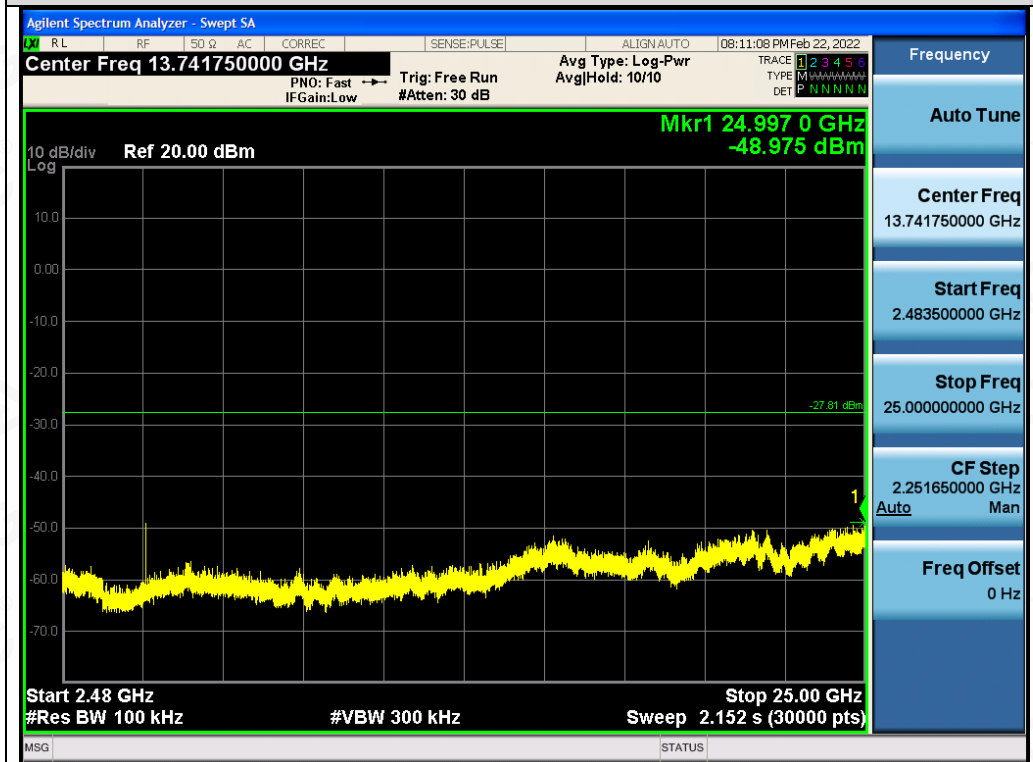
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Test\_Graph\_802.11n20\_ANT2\_2412\_MCS0\_Lower Band Emissions

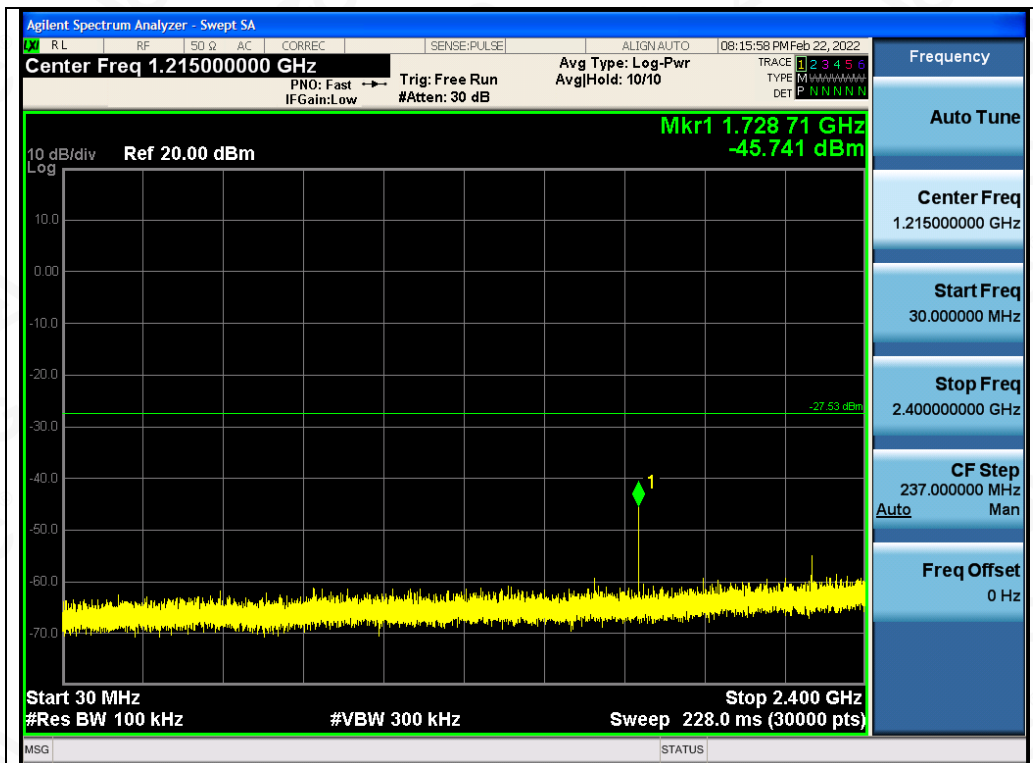


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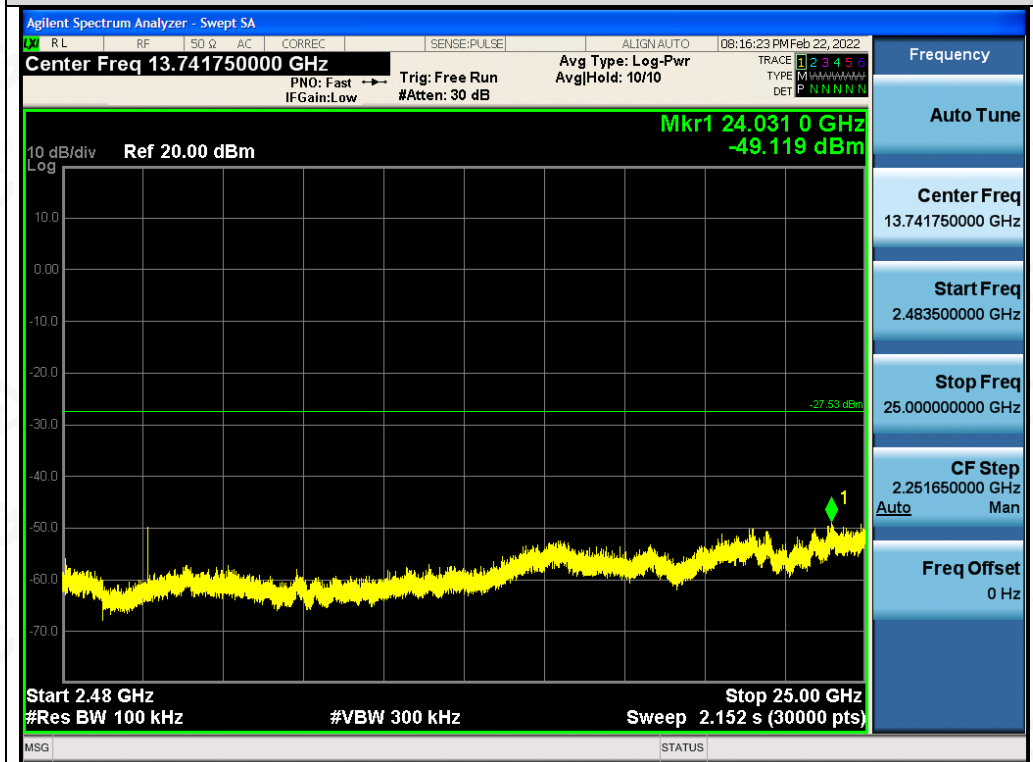
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Test\_Graph\_802.11n20\_ANT2\_2437\_MCS0\_Lower Band Emissions

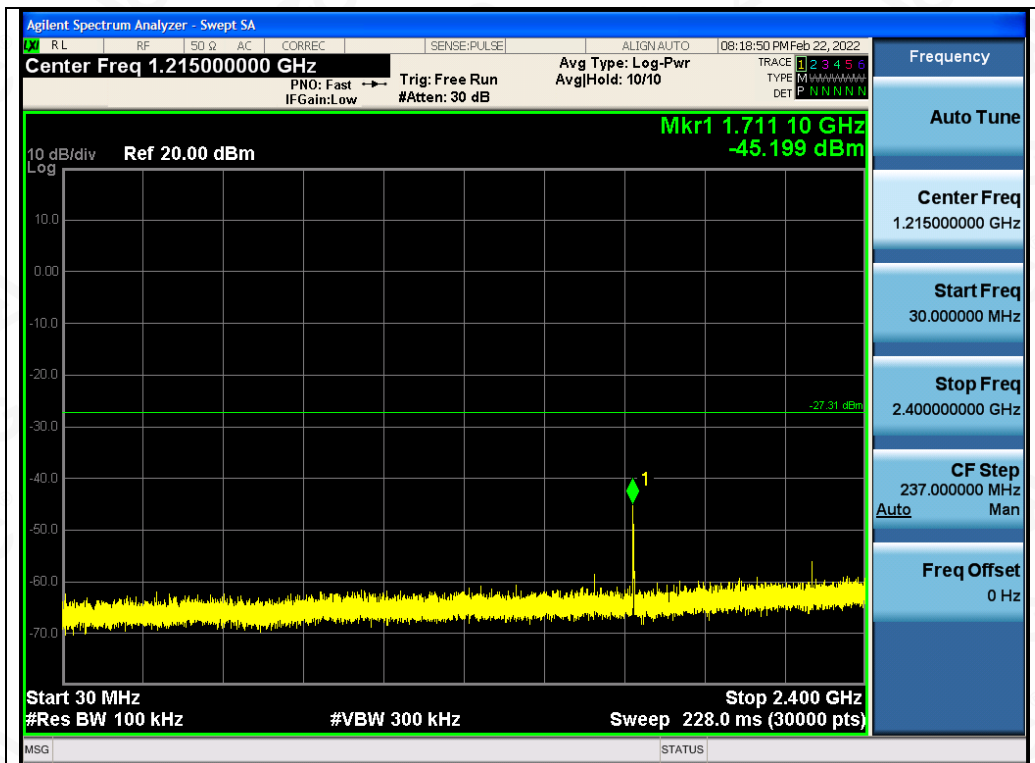


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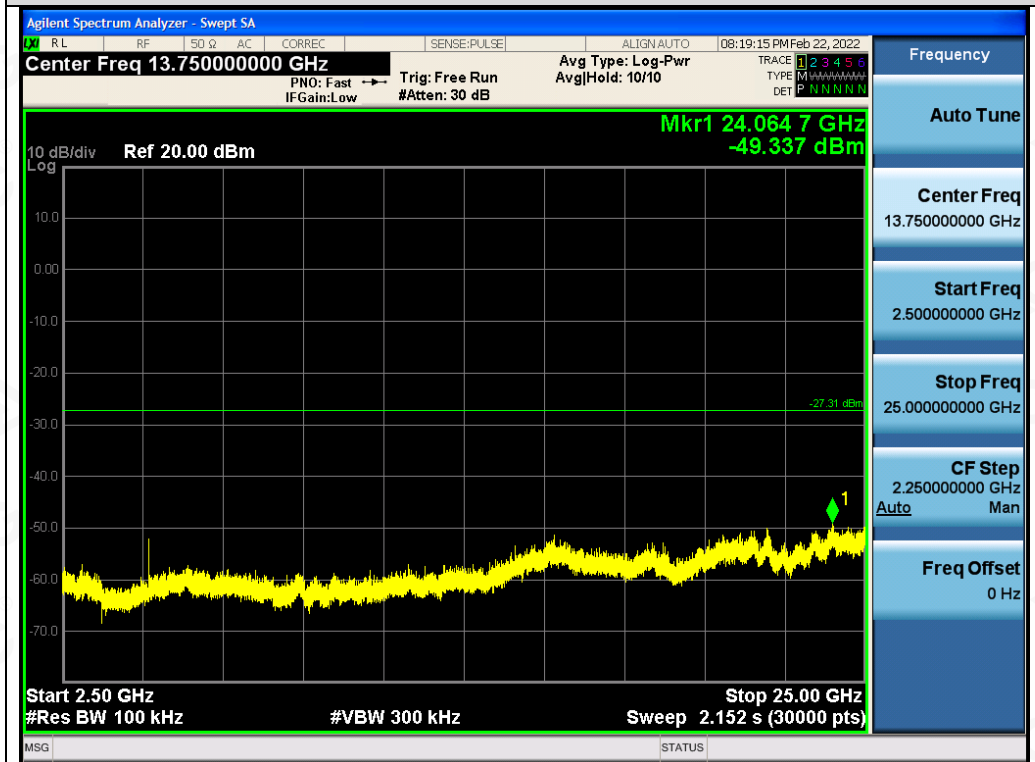
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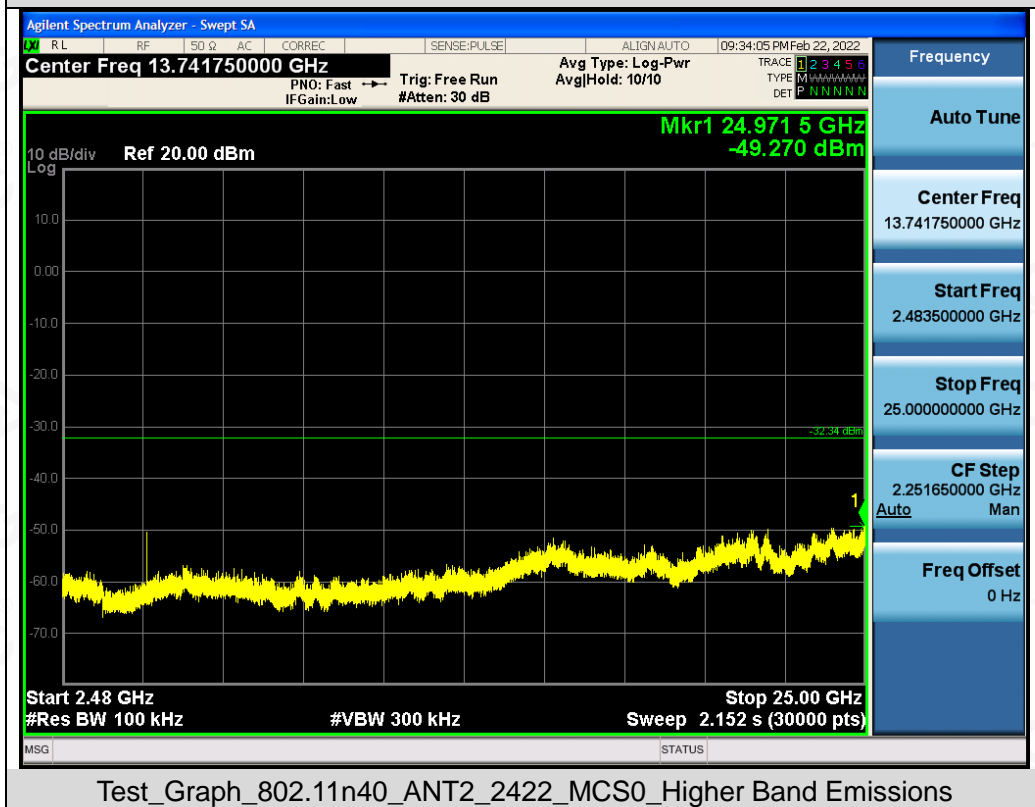
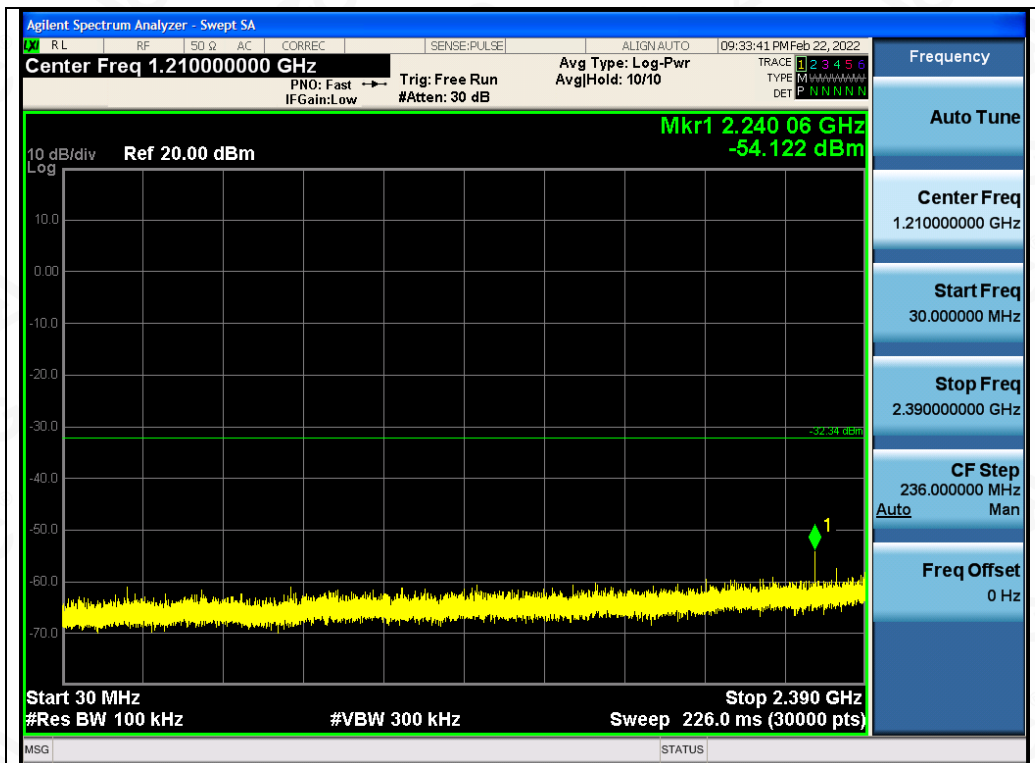


Test\_Graph\_802.11n20\_ANT2\_2462\_MCS0\_Higher Band Emissions

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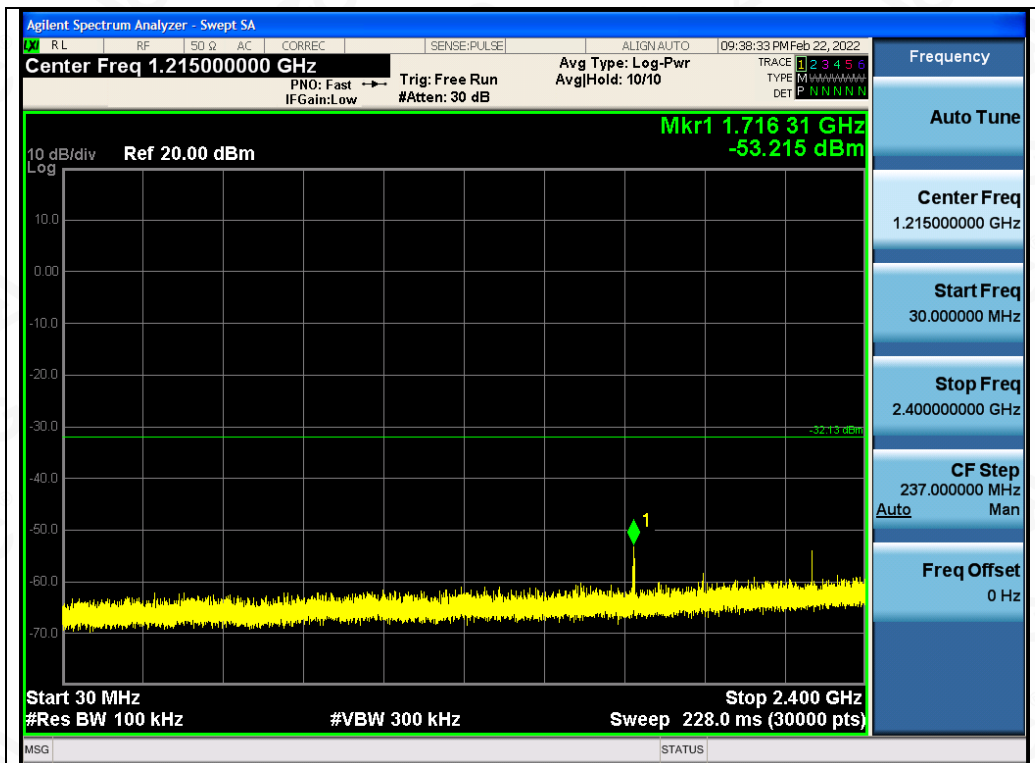


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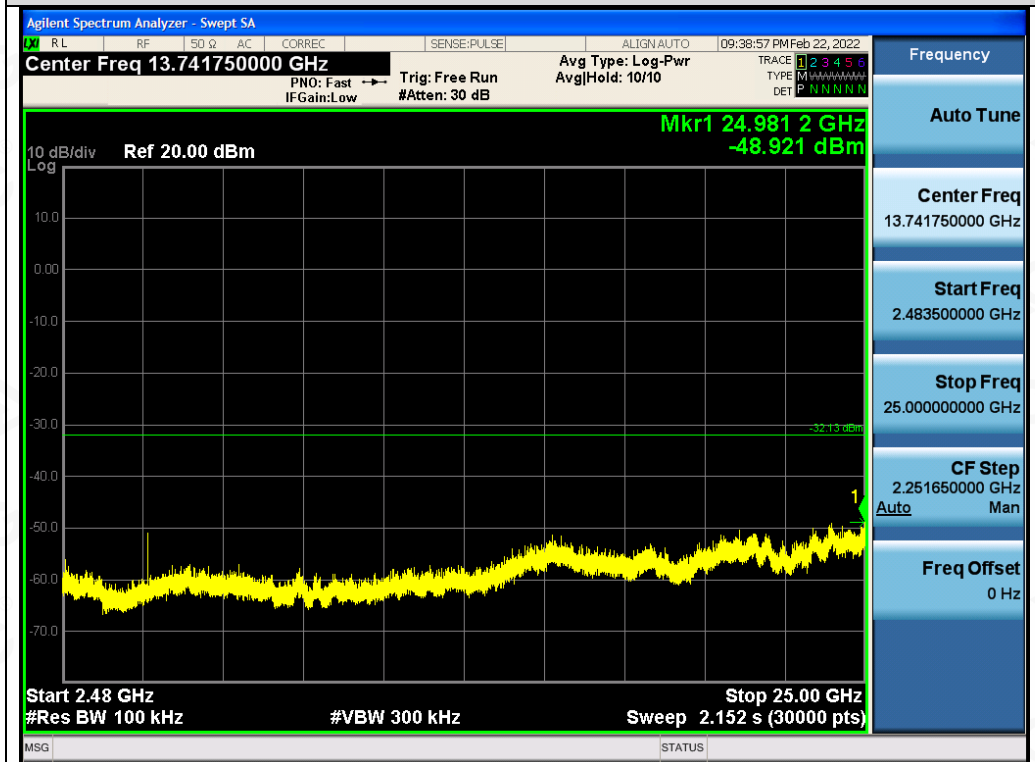
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Test\_Graph\_802.11n40\_ANT2\_2437\_MCS0\_Lower Band Emissions

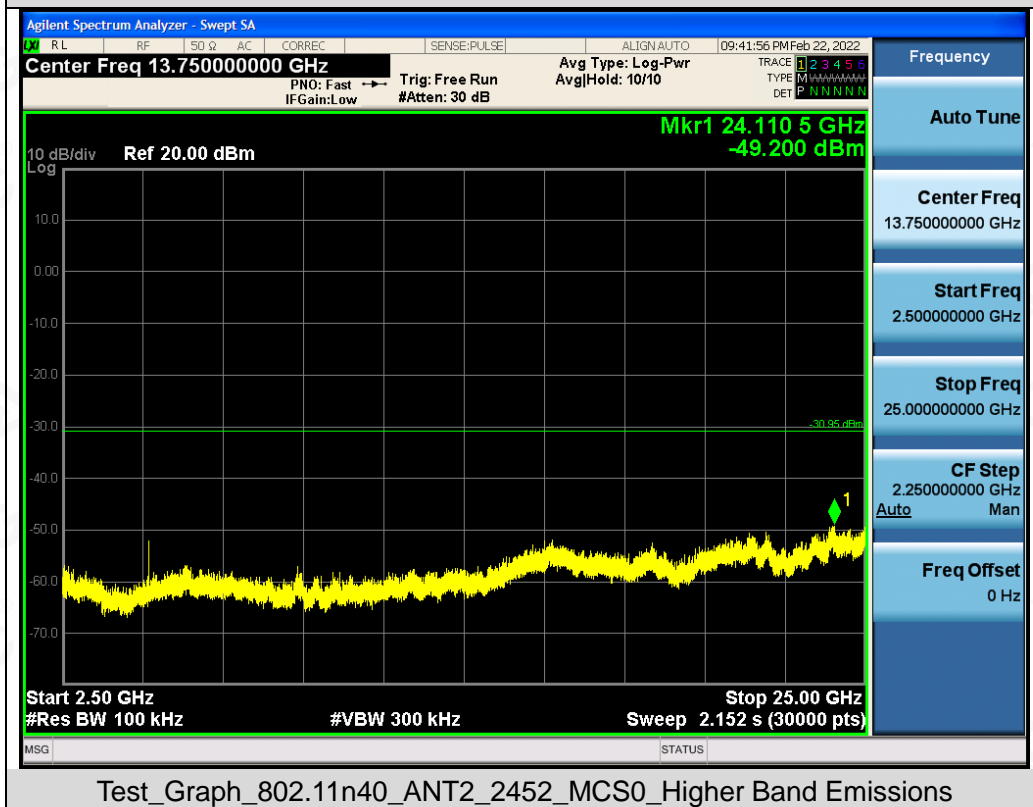
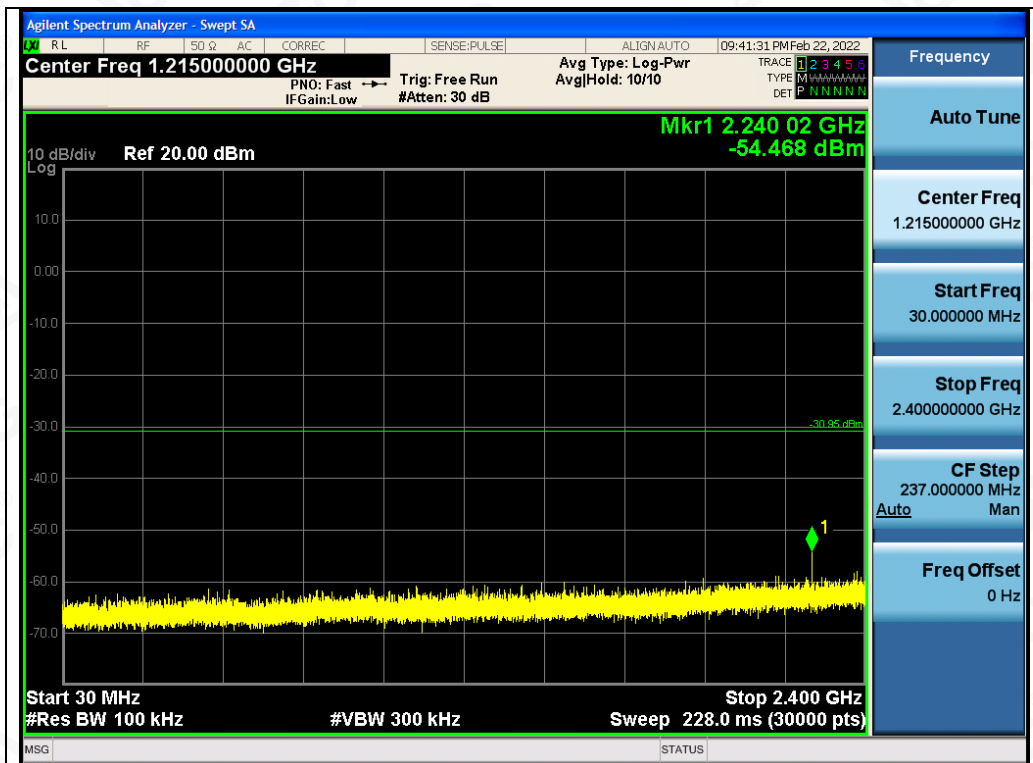


Test\_Graph\_802.11n40\_ANT2\_2437\_MCS0\_Higher Band Emissions

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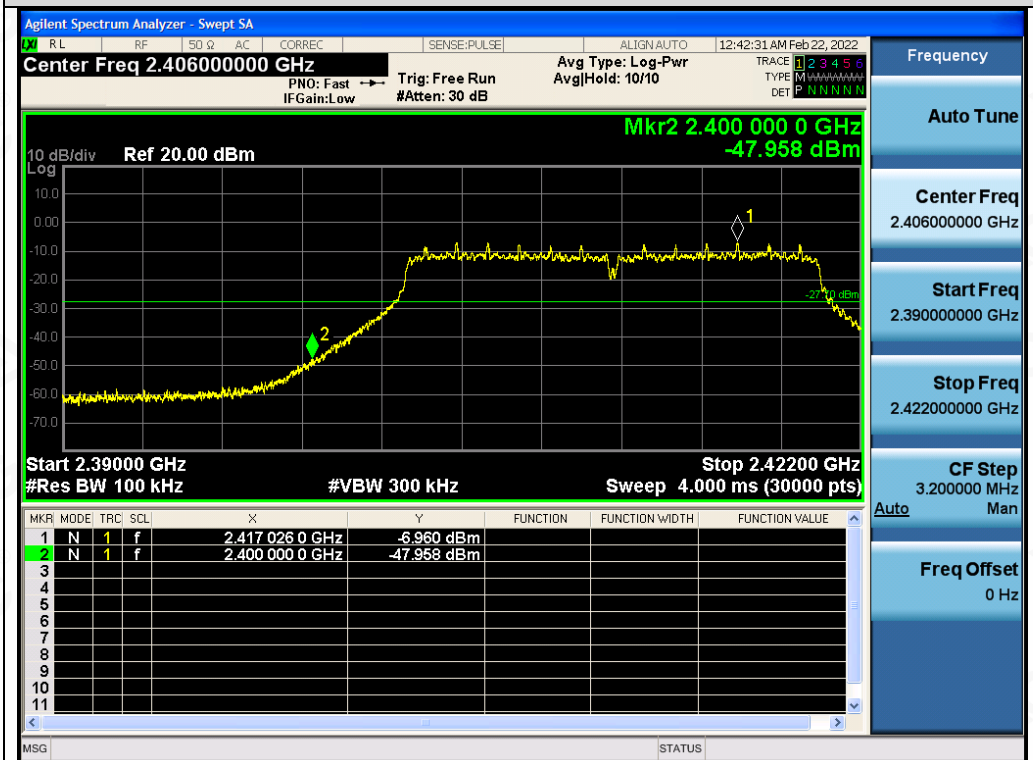
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**Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands**



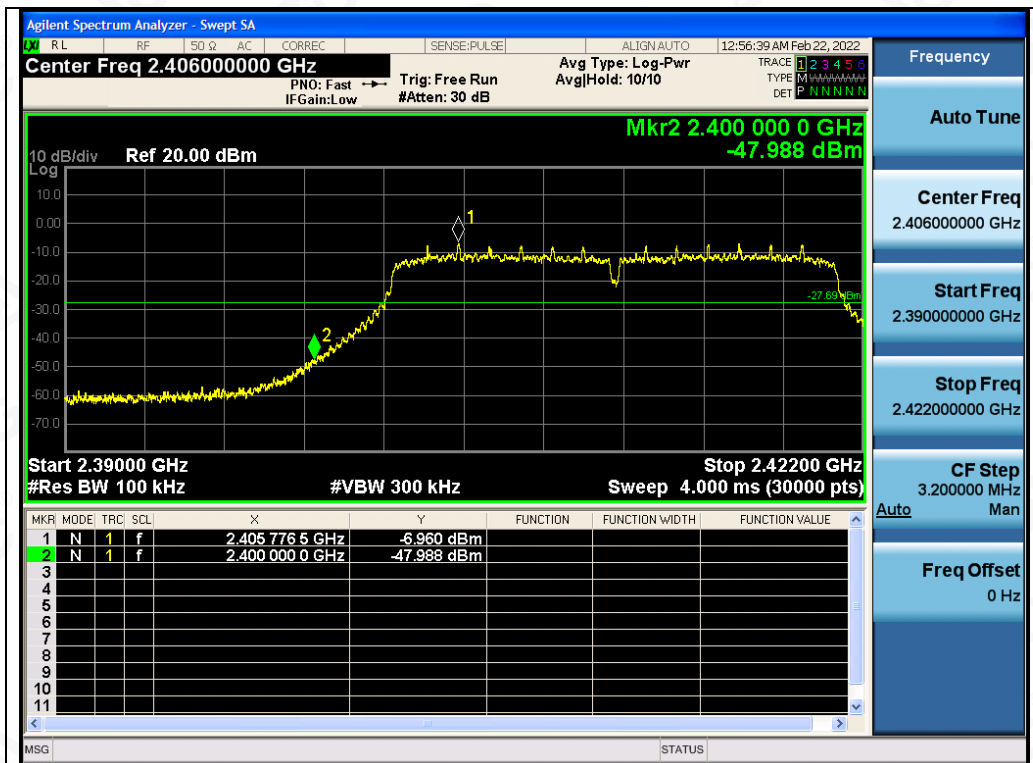
Test\_Graph\_802.11b\_ANT1\_2412\_1Mbps\_Lower Band Edge Emissions



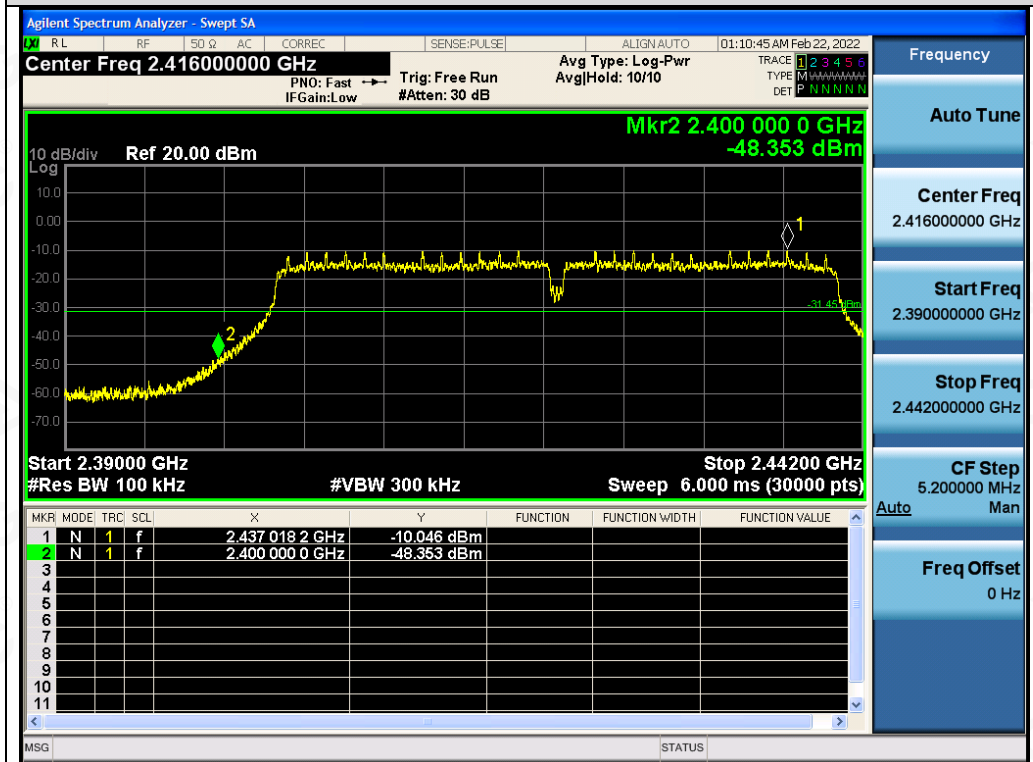
Test\_Graph\_802.11g\_ANT1\_2412\_6Mbps\_Lower Band Edge Emissions

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



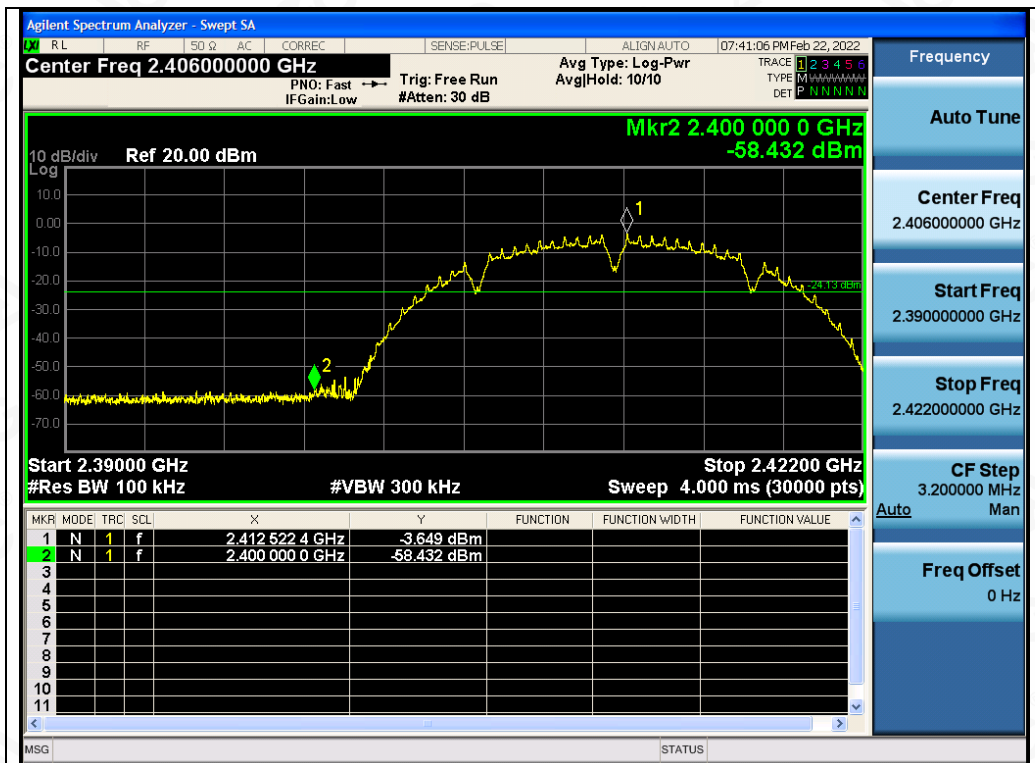
Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_Lower Band Edge Emissions

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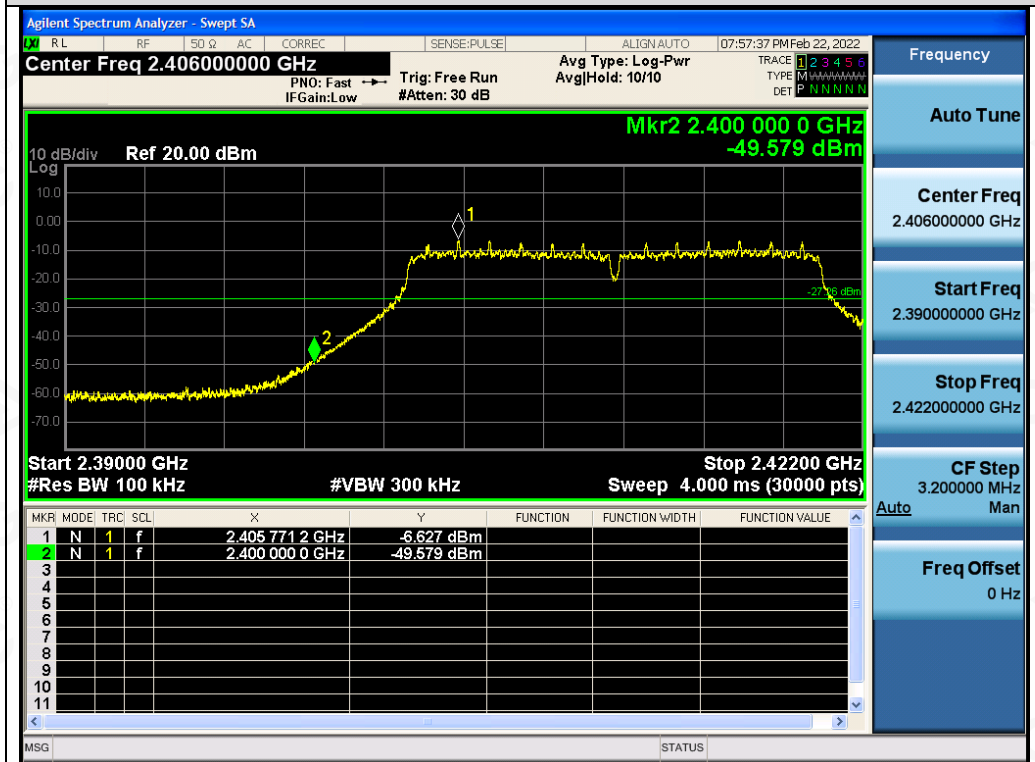
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Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_Lower Band Edge Emissions

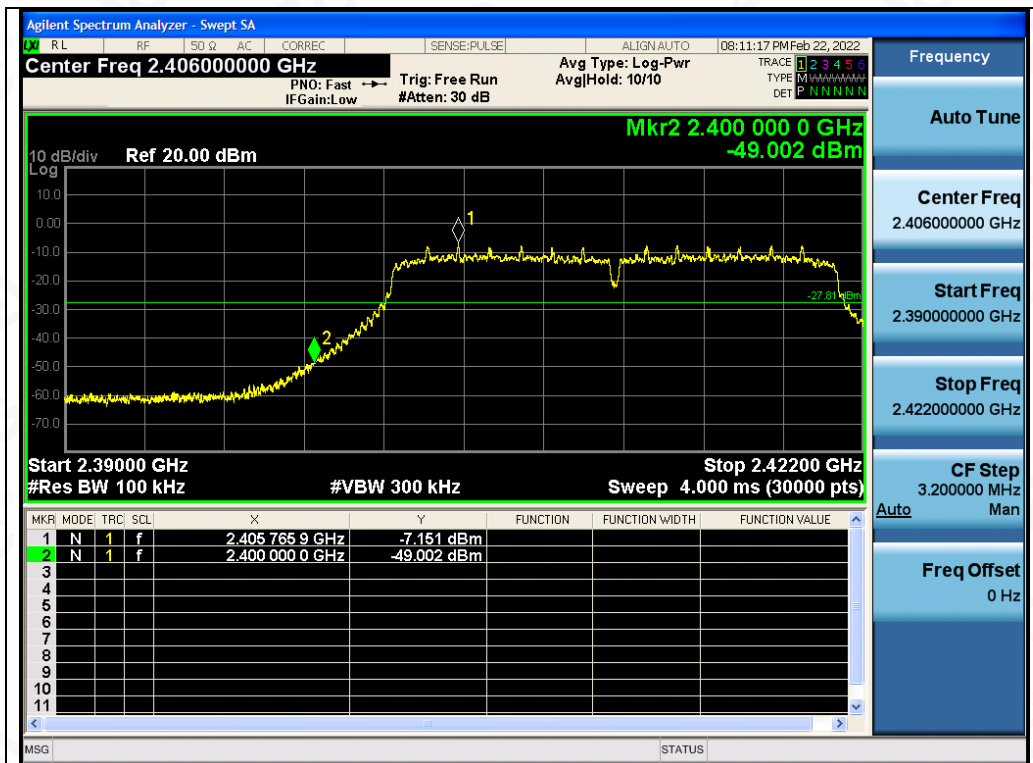


Test\_Graph\_802.11g\_ANT2\_2412\_6Mbps\_Lower Band Edge Emissions

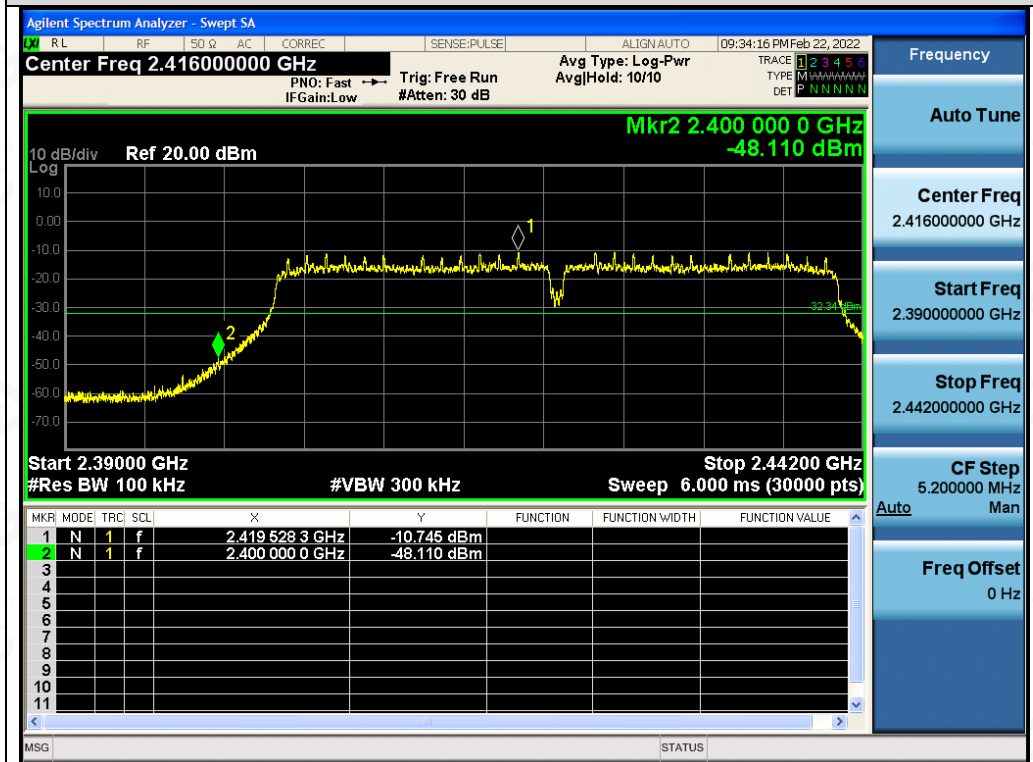
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Test\_Graph\_802.11n20\_ANT2\_2412\_MCS0\_Lower Band Edge Emissions



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-antenna 1					
Test Mode	Test Channel (MHz)	Power density (dBm/20kHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail
802.11b	2412	-8.339	-16.578	∞	Pass
	2437	-8.464	-16.703	∞	Pass
	2462	-8.300	-16.539	∞	Pass
802.11g	2412	-13.204	-21.443	∞	Pass
	2437	-13.064	-21.303	∞	Pass
	2462	-12.892	-21.131	∞	Pass
802.11n20	2412	-12.895	-21.134	∞	Pass
	2437	-12.792	-21.031	∞	Pass
	2462	-12.554	-20.793	∞	Pass
802.11n40	2422	-15.246	-23.485	∞	Pass
	2437	-15.185	-23.424	∞	Pass
	2452	-15.197	-23.436	∞	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	-9.161	-17.400	≤8	Pass
	2437	-8.597	-16.836	≤8	Pass
	2462	-7.622	-15.861	≤8	Pass
802.11g	2412	-12.594	-20.833	≤8	Pass
	2437	-12.971	-21.210	≤8	Pass
	2462	-12.734	-20.973	≤8	Pass
802.11n20	2412	-12.999	-21.238	≤8	Pass
	2437	-12.705	-20.944	≤8	Pass
	2462	-12.382	-20.621	≤8	Pass
802.11n40	2422	-16.052	-24.291	≤8	Pass
	2437	-15.909	-24.148	≤8	Pass
	2452	-14.628	-22.867	≤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	-9.94	-18.18	≤8	Pass
	2437	-9.74	-17.98	≤8	Pass
	2462	-9.46	-17.70	≤8	Pass
802.11n40	2422	-12.62	-20.86	≤8	Pass
	2437	-12.52	-20.76	≤8	Pass
	2452	-11.89	-20.13	≤8	Pass

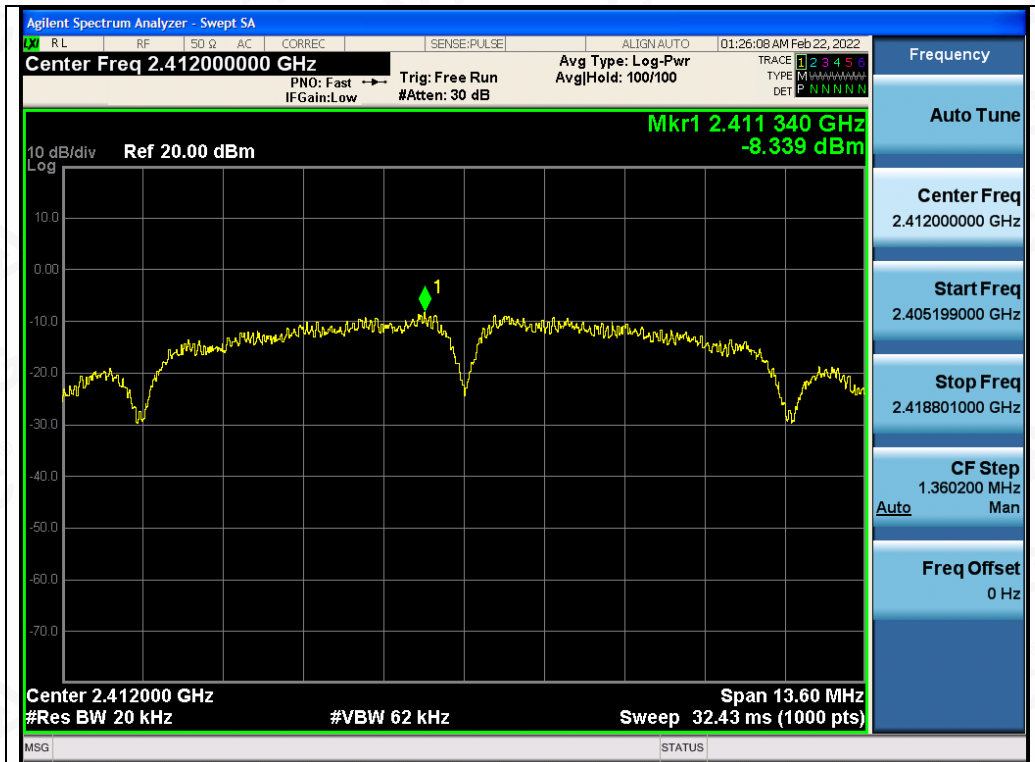
Note: Power density(dBm/3kHz) = Power density(dBm/20kHz) – 10\*log(20/3).

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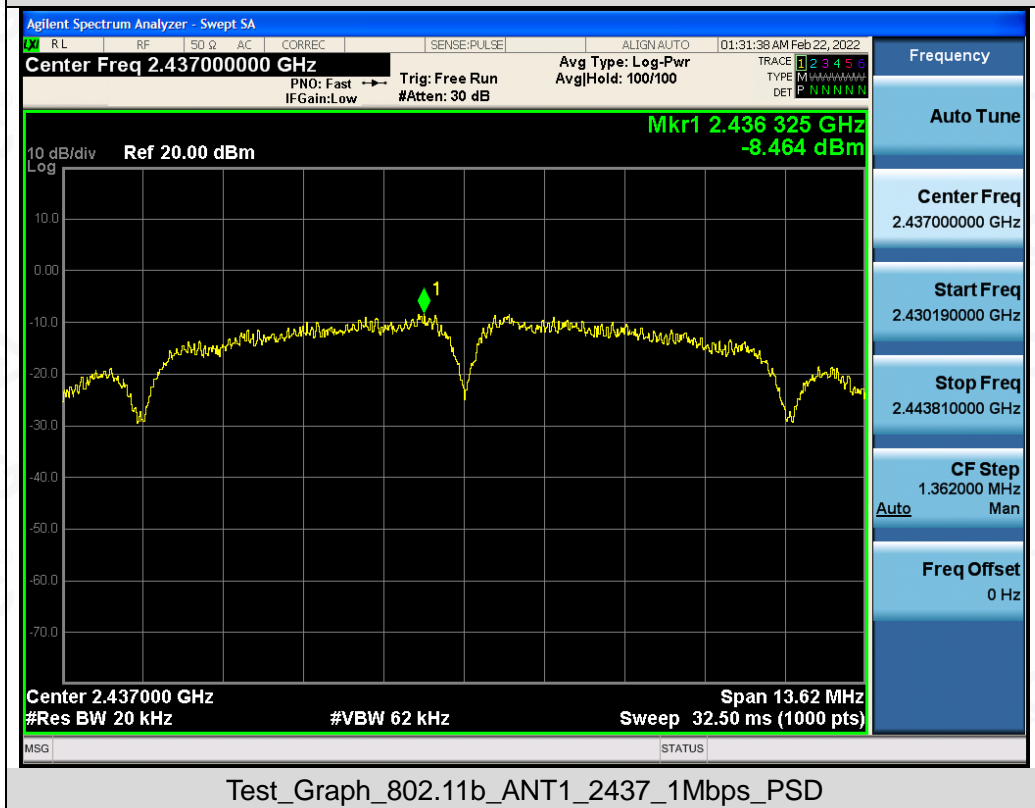




### Test Graphs of Conducted Output Power Spectral Density



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

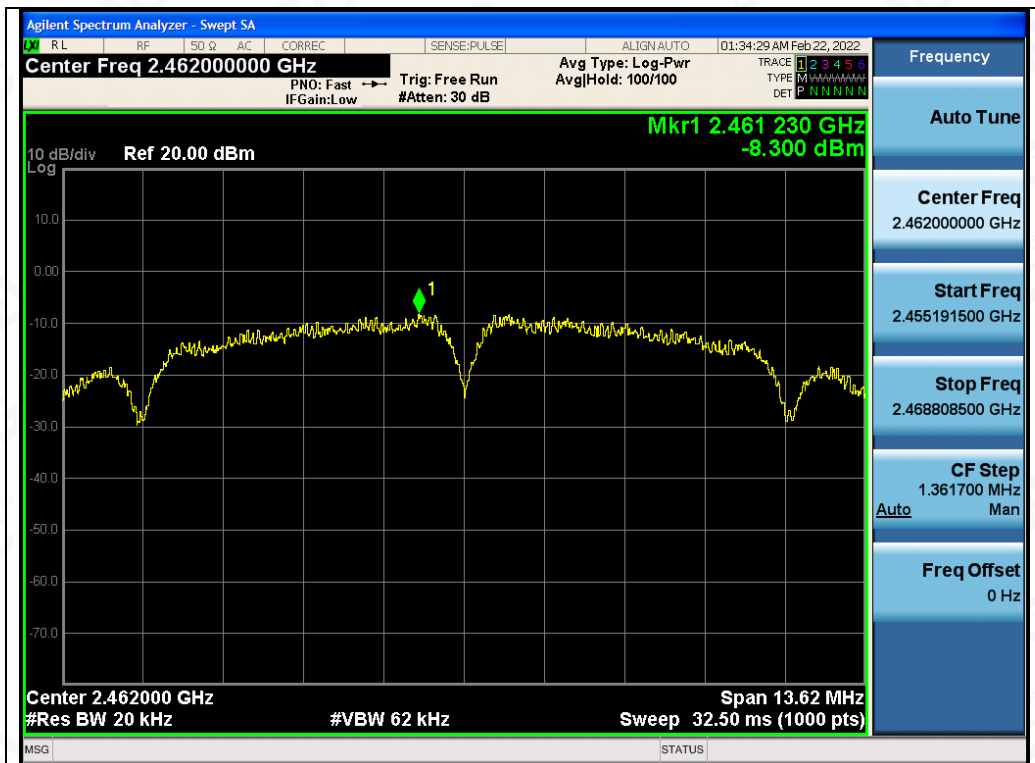


Test\_Graph\_802.11b\_ANT1\_2437\_1Mbps\_PSD

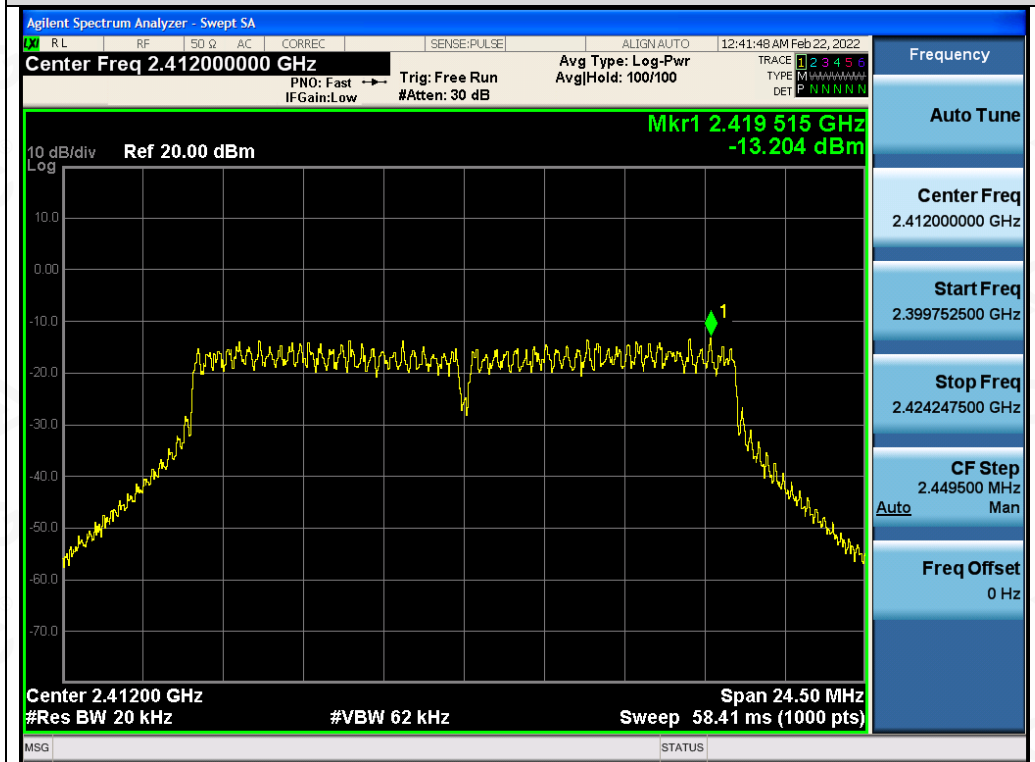
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Test\_Graph\_802.11b\_ANT1\_2462\_1Mbps\_PSD

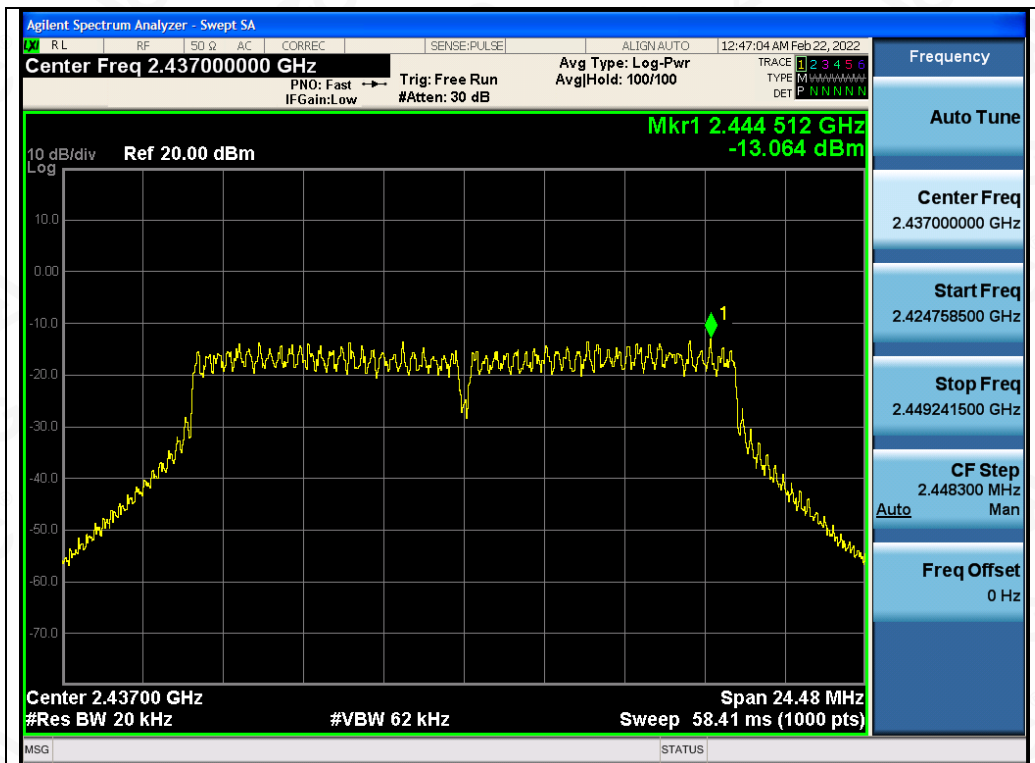


Test\_Graph\_802.11g\_ANT1\_2412\_6Mbps\_PSD

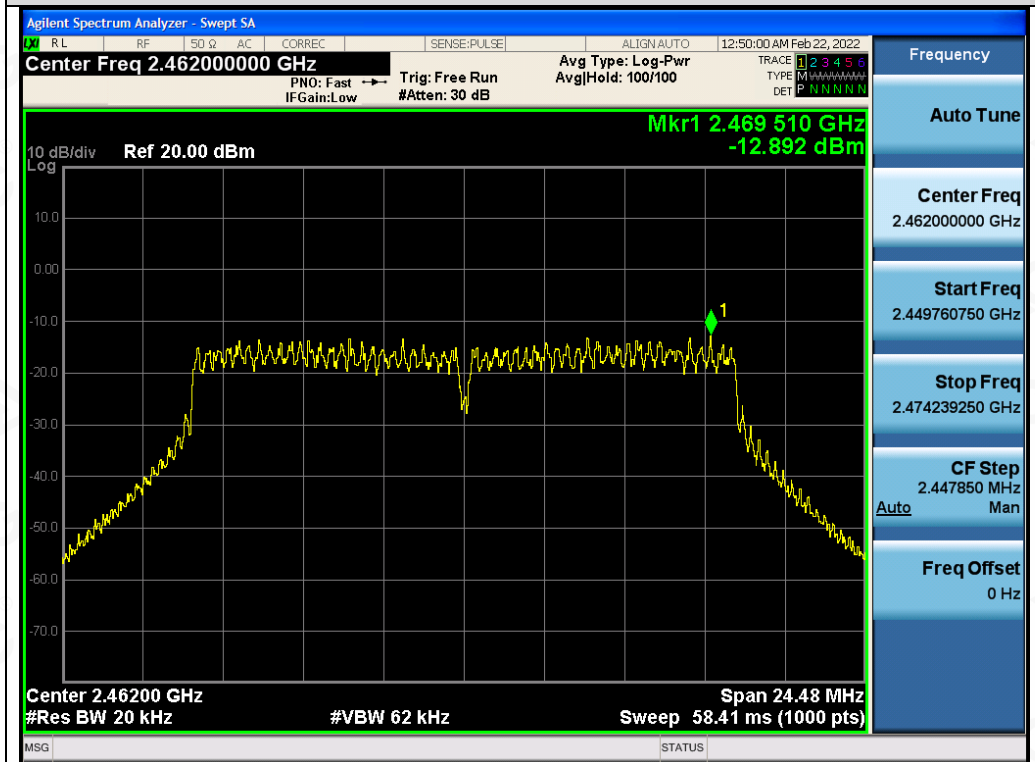
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Test\_Graph\_802.11g\_ANT1\_2437\_6Mbps\_PSD

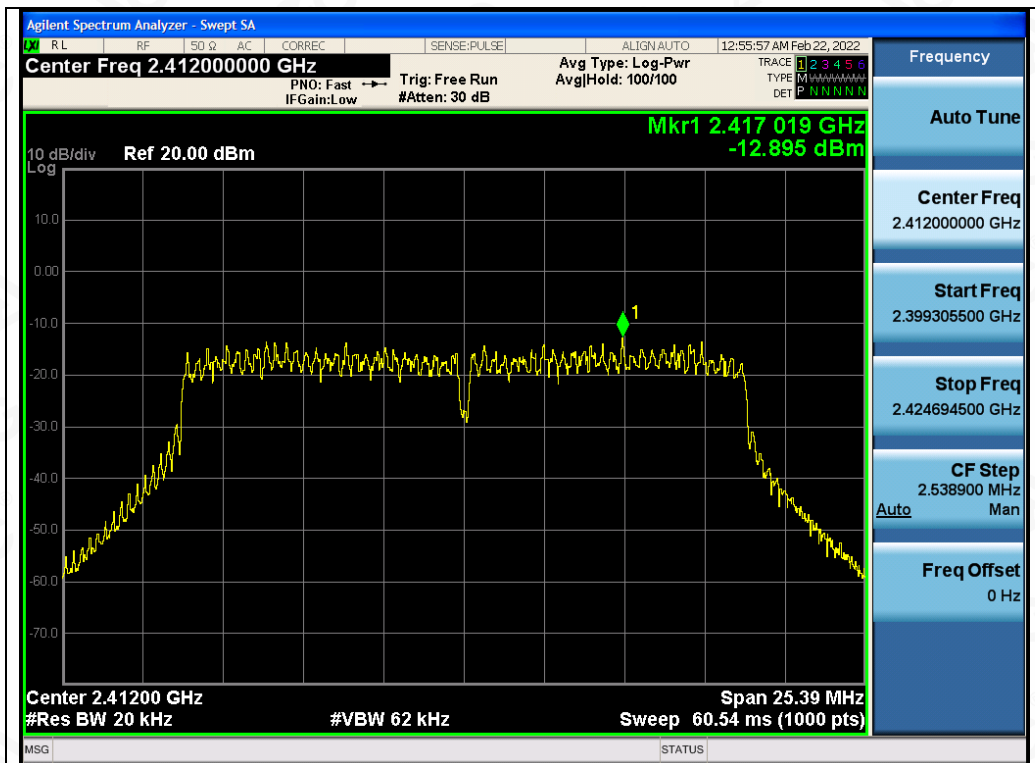


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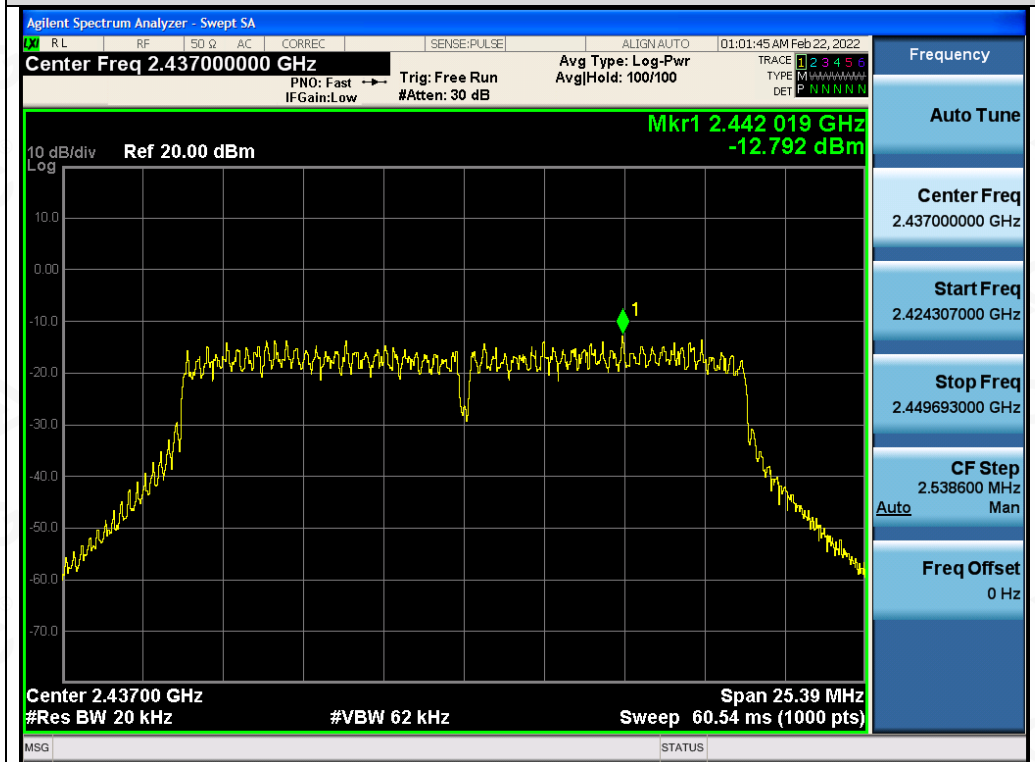
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Test\_Graph\_802.11n20\_ANT1\_2412\_MCS0\_PSD



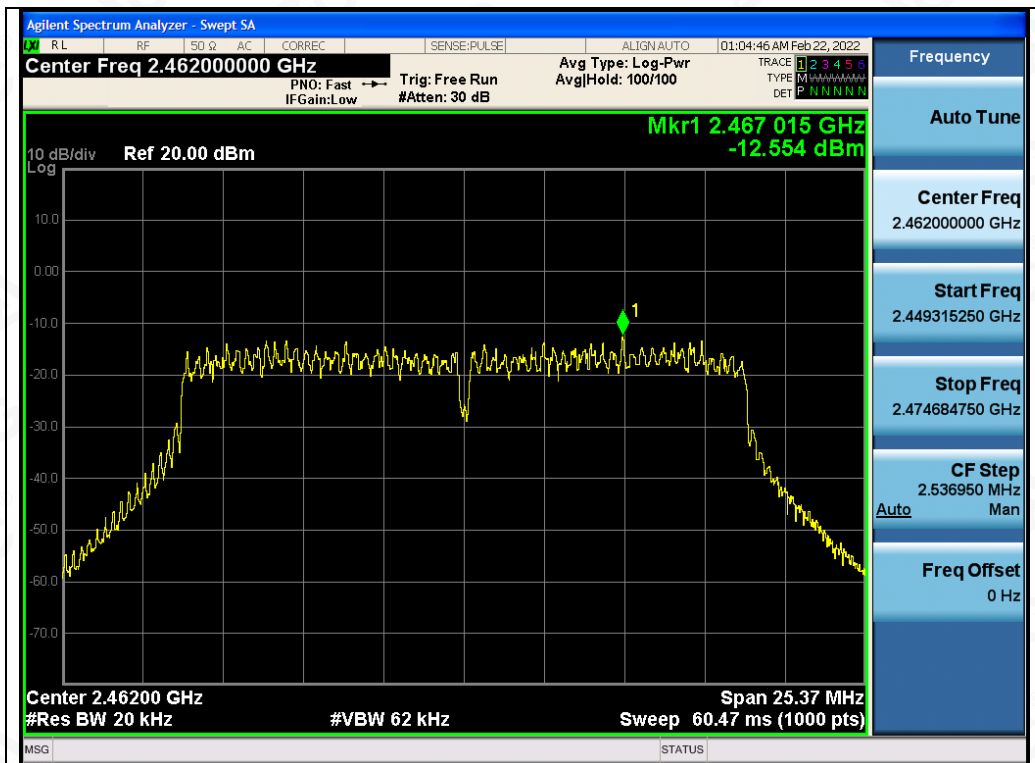
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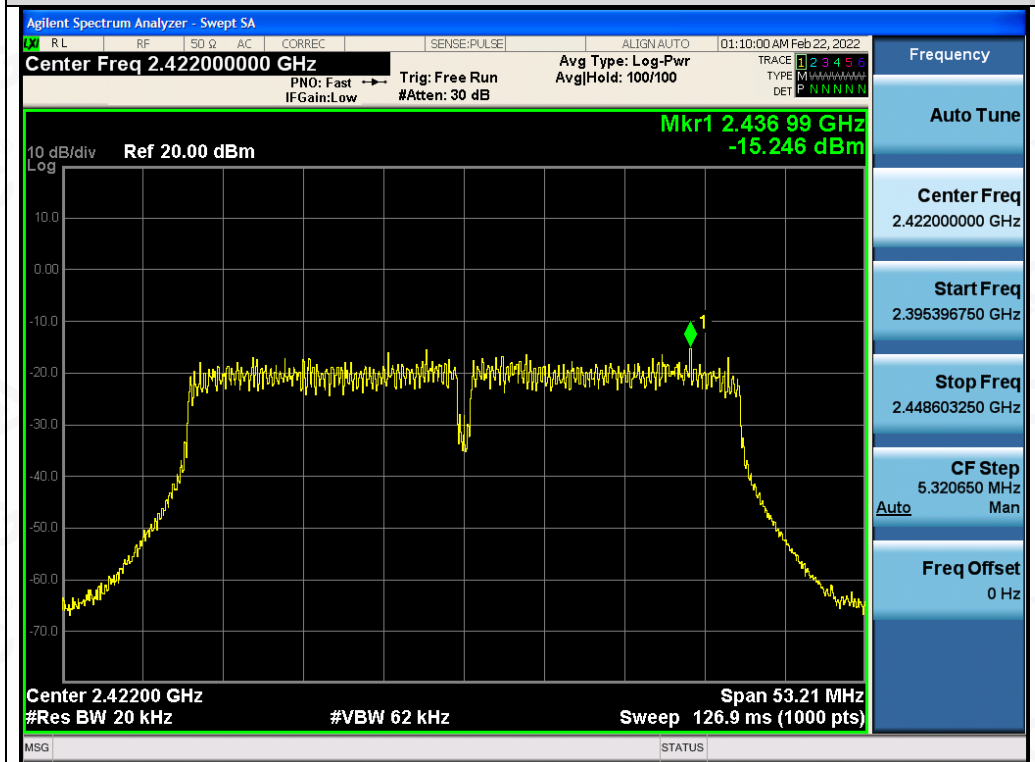
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Test\_Graph\_802.11n20\_ANT1\_2462\_MCS0\_PSD

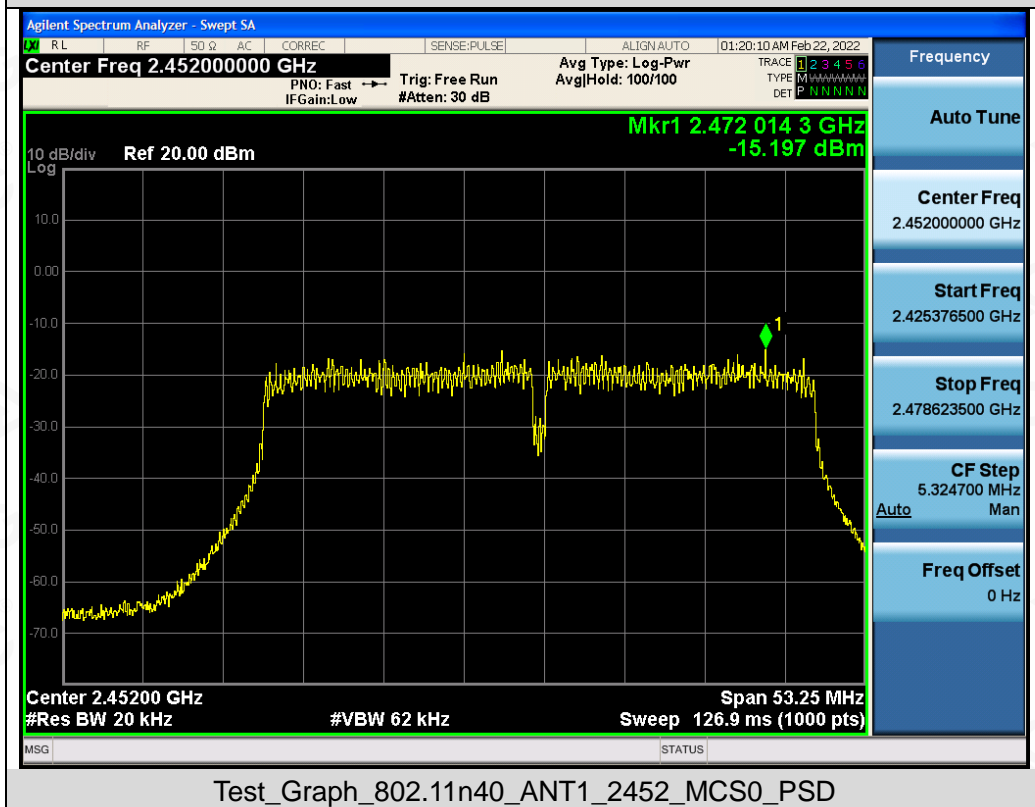
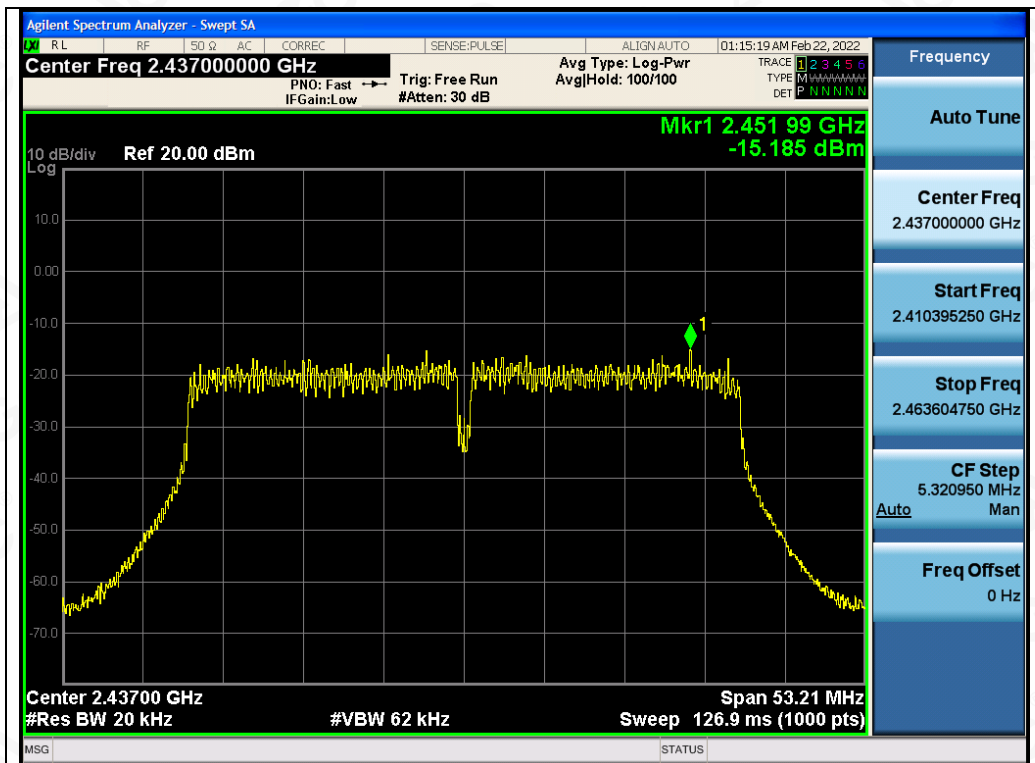


Test\_Graph\_802.11n40\_ANT1\_2422\_MCS0\_PSD

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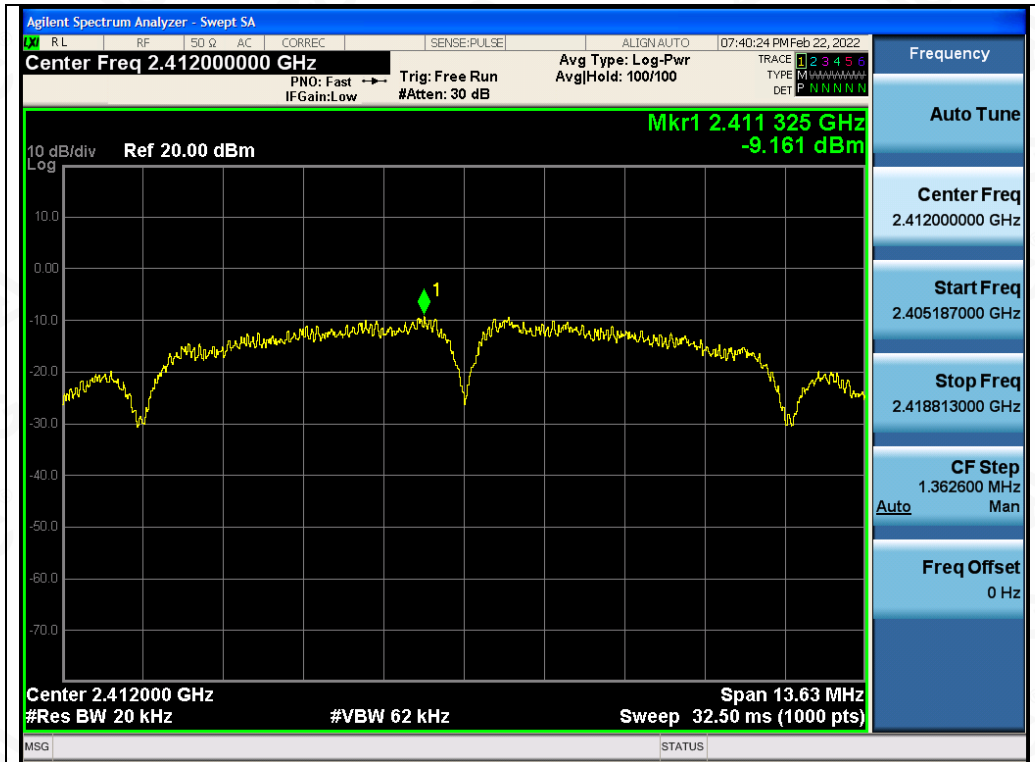




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Test\_Graph\_802.11b\_ANT2\_2412\_1Mbps\_PSD

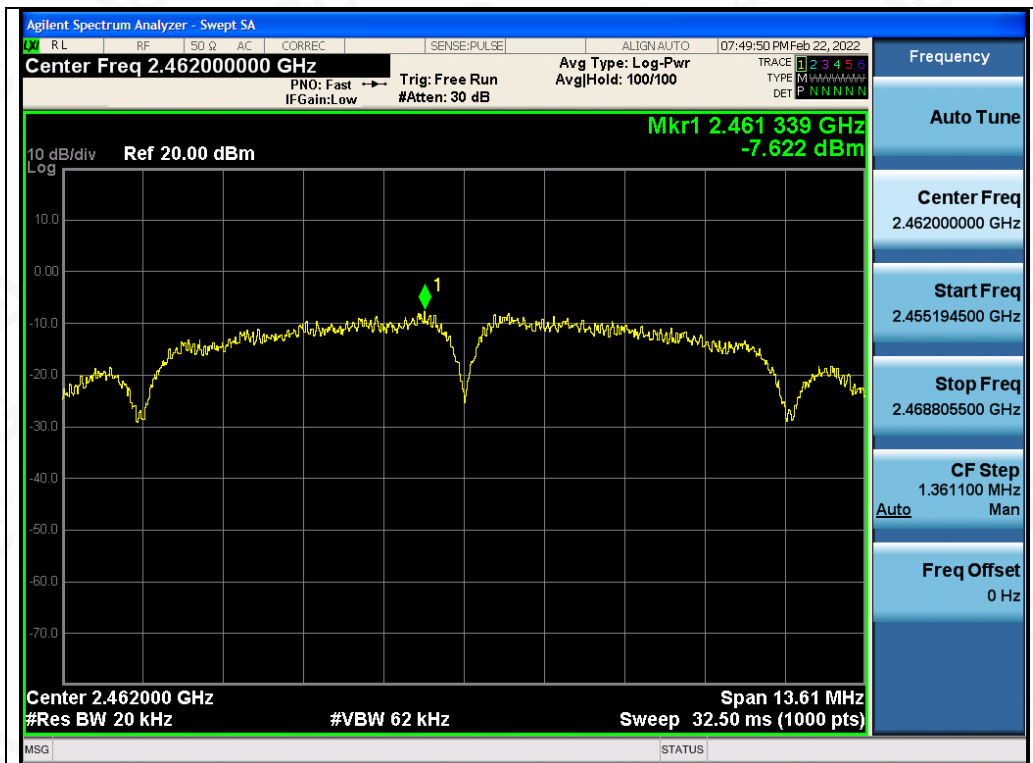


Test\_Graph\_802.11b\_ANT2\_2437\_1Mbps\_PSD

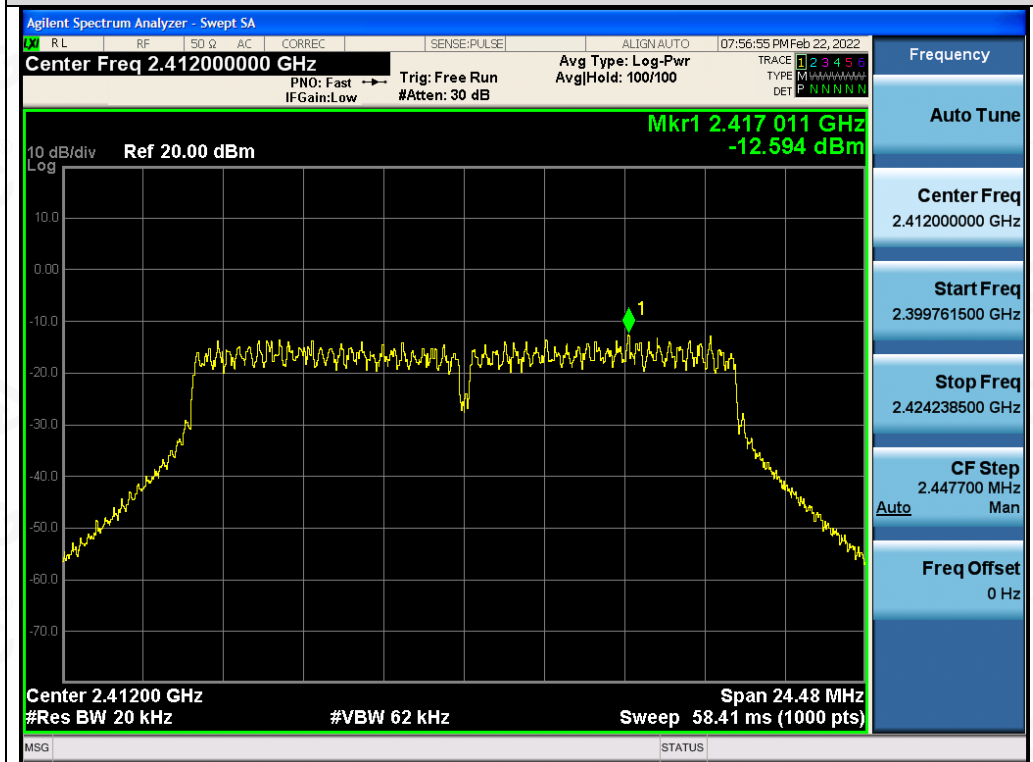
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