





Test_Graph_802.11b_ANT2_2437_1Mbps_DTSBW



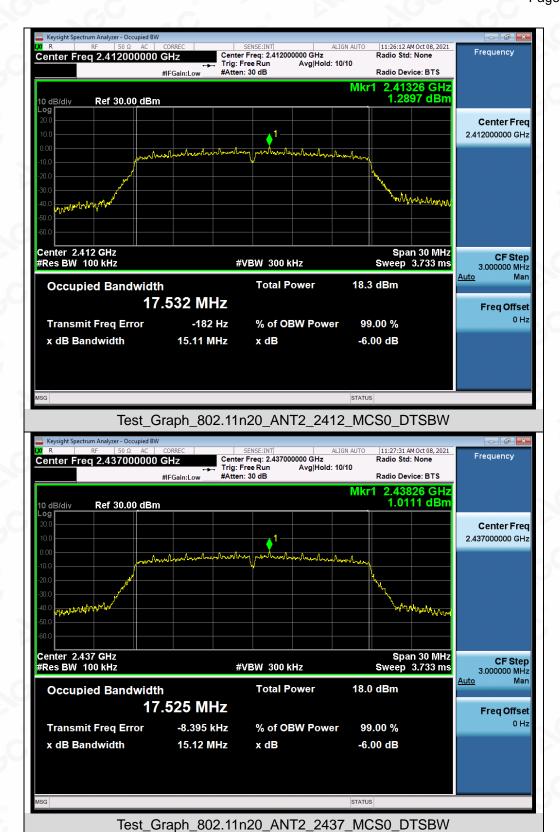




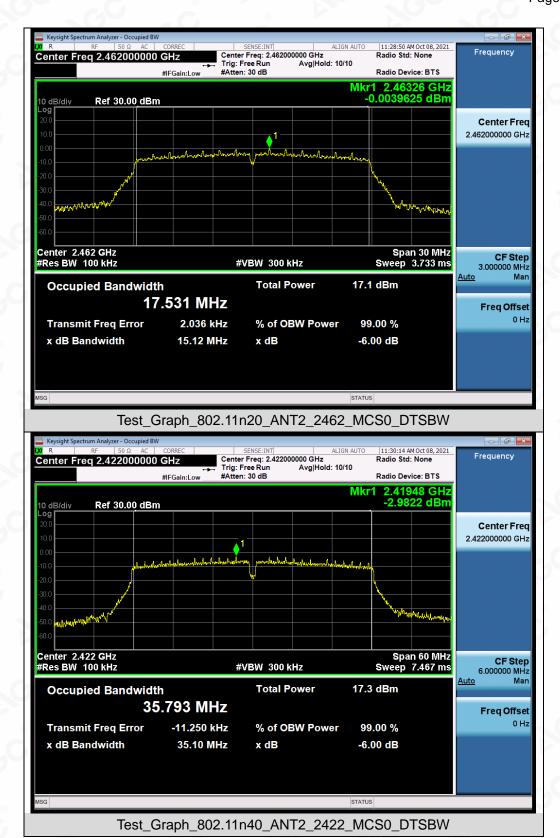


Test_Graph_802.11g_ANT2_2462_6Mbps_DTSBW

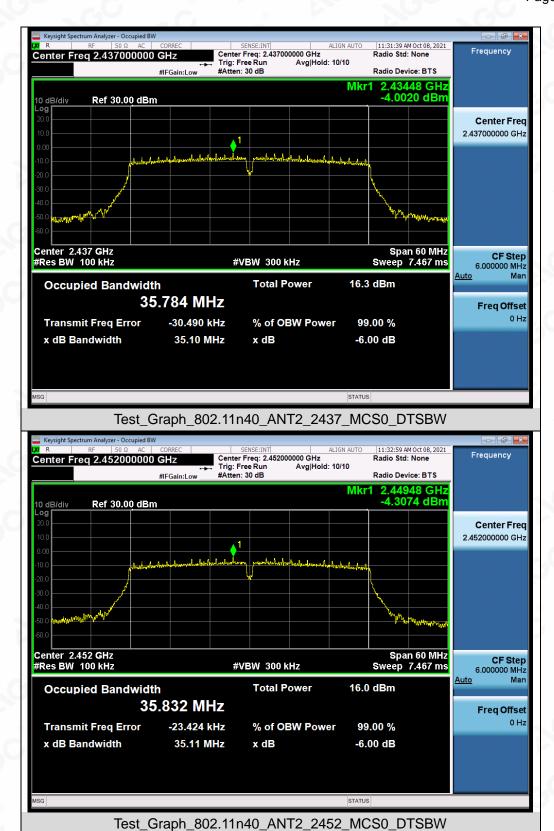




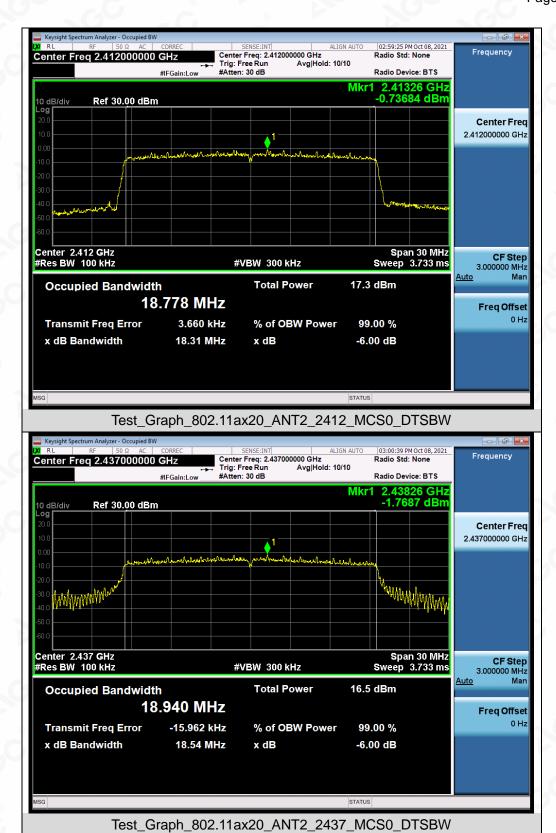




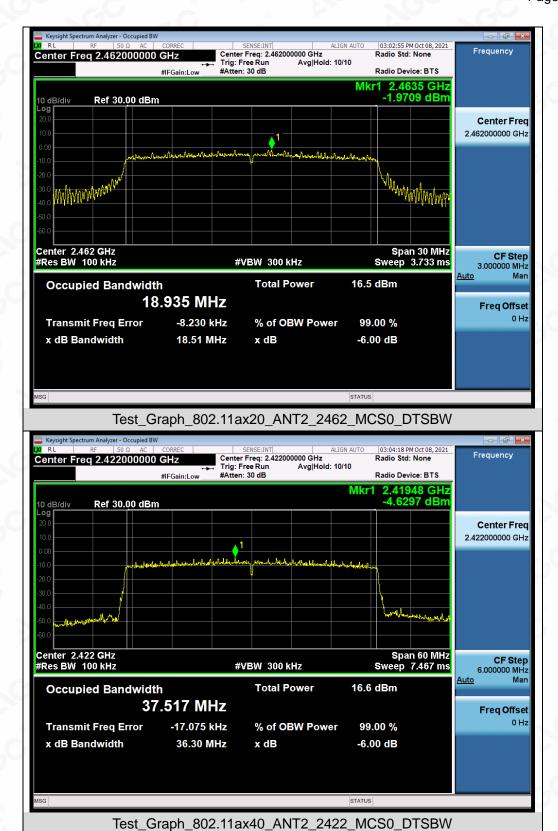




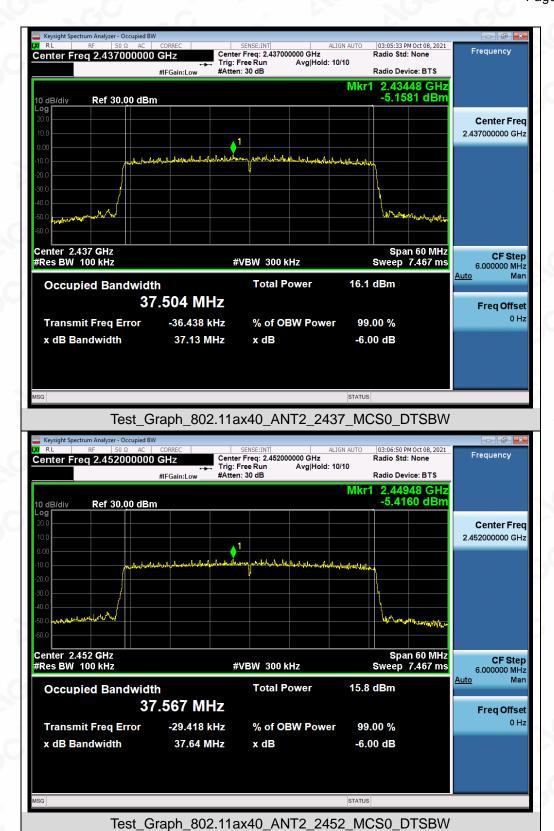














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9. CONDUCTED SPURIOUS EMISSION

9.1. 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 EUT was tested according to ANSI C63.10 (2013) for compliance to FCC 47CFR 15.247 requirements. Owing to satisfy the requirements of the number of measurement points, we set the RBW=1MHz, VBW>RBW, scan up through 10th harmonic, and consider the tested results as the worst case, if the tested results conform to the requirement, we can deem that the real tested results(set the RBW=100KHz, VBW>RBW) are conform to the requirement.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 8.2.

9.3. MEASUREMENT EQUIPMENT USEDJN

The same as described in section 6.

9.4. LIMITS AND MEASUREMENT RESULT

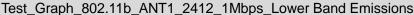
LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test Data	Criteria
In any 100 KHz Bandwidth Outside the	At least -20dBc than the limit	
frequency band in which the spread spectrum	Specified on the BOTTOM	PASS
intentional radiator is operating, the radio frequency	Channel	C
power that is produce by the intentional radiator shall be at least 20 dB below that in 100KHz bandwidth within the band that contains the highest level of the desired power. In addition, radiation emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in§15.209(a))	At least -20dBc than the limit Specified on the TOP Channel	PASS

Note: The limits reference level is according to the test plot of -6dB bandwidth.



Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands

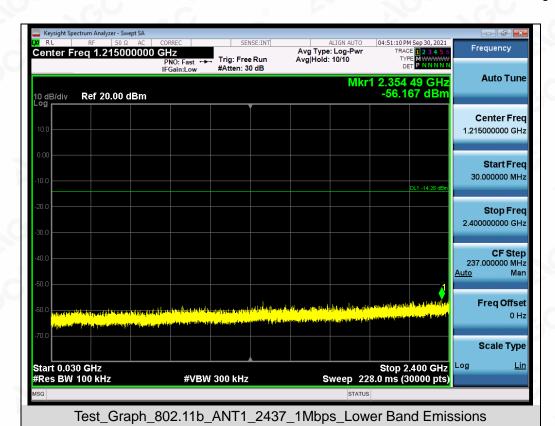






Test_Graph_802.11b_ANT1_2412_1Mbps_Higher Band Emissions



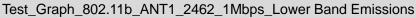




Test_Graph_802.11b_ANT1_2437_1Mbps_Higher Band Emissions

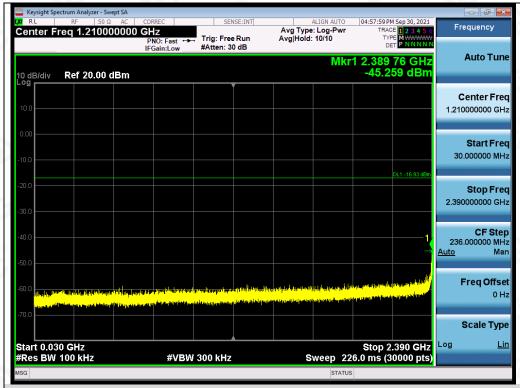


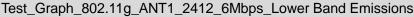










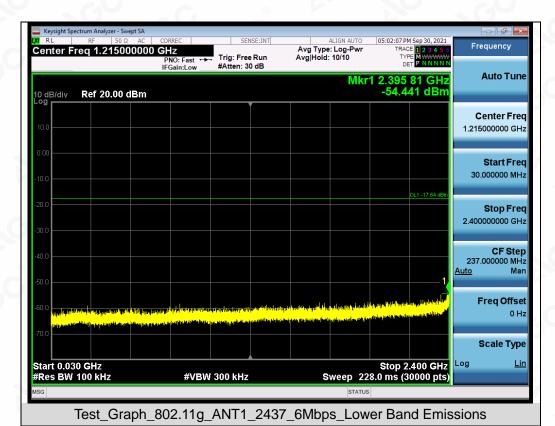




Test_Graph_802.11g_ANT1_2412_6Mbps_Higher Band Emissions

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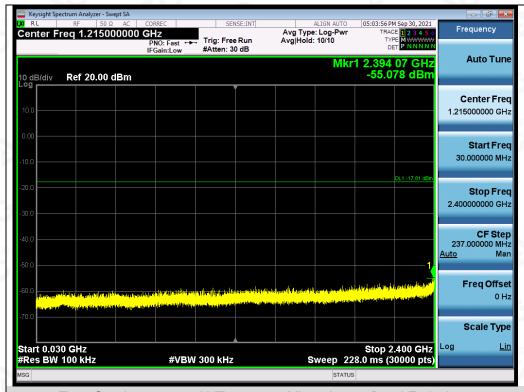


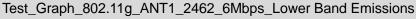




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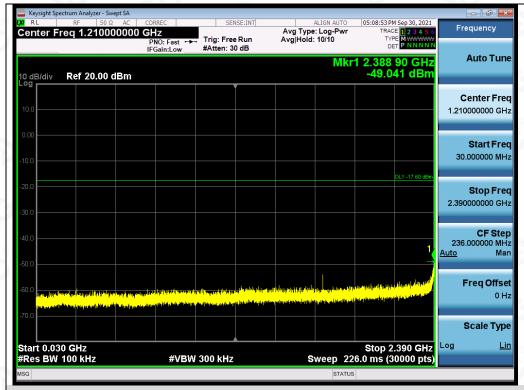






The test results





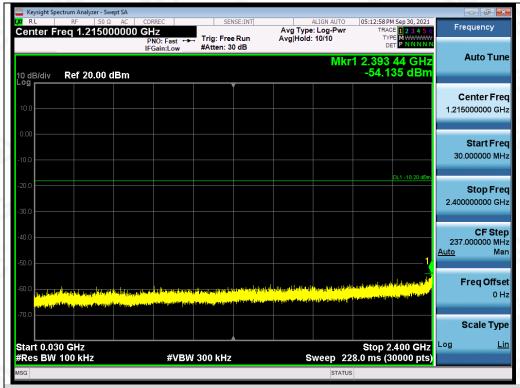
Test Graph 802.11n20 ANT1 2412 MCS0 Lower Band Emissions



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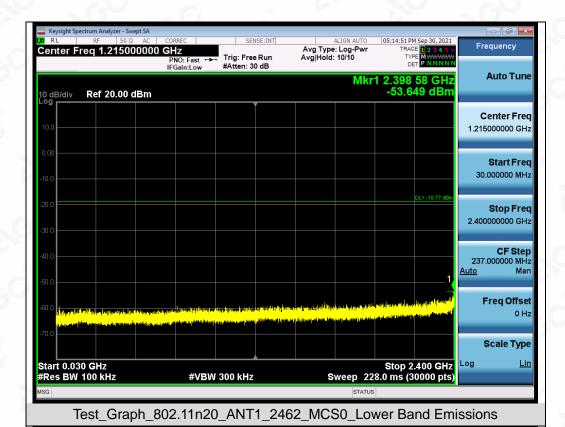






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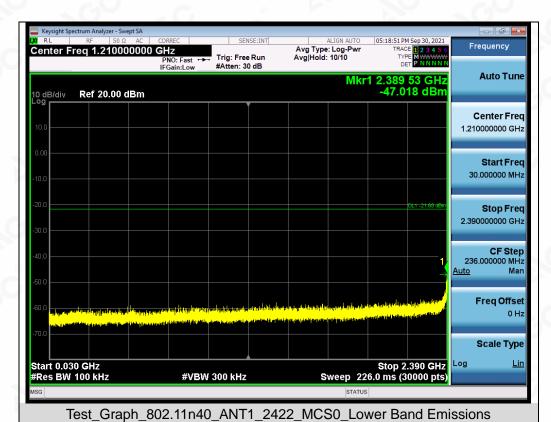




Test_Graph_802.11n20_ANT1_2462_MCS0_Higher Band Emissions

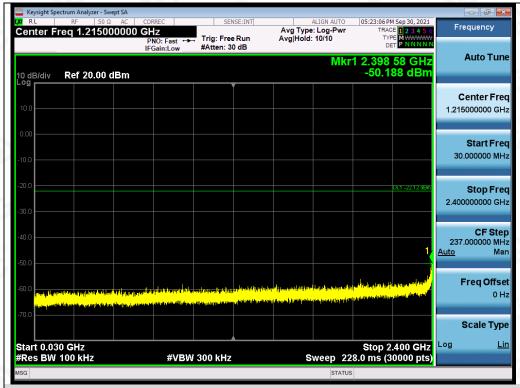
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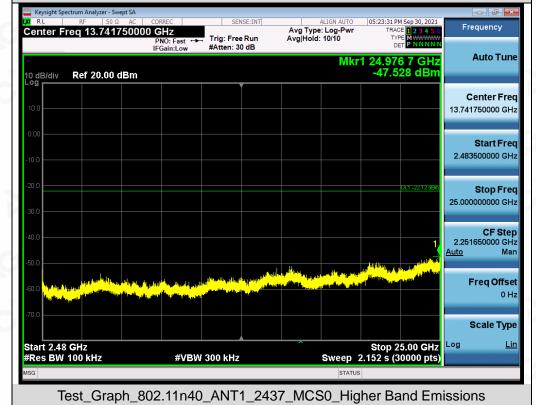




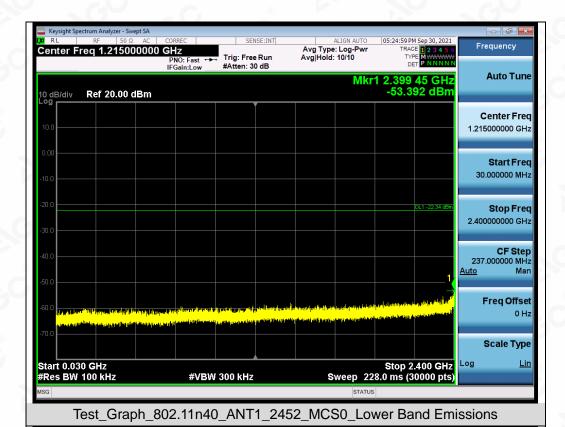








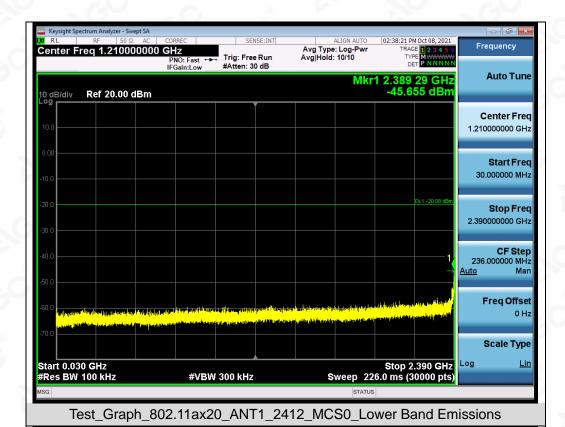






Test_Graph_802.11n40_ANT1_2452_MCS0_Higher Band Emissions







Test_Graph_802.11ax20_ANT1_2412_MCS0_Higher Band Emissions

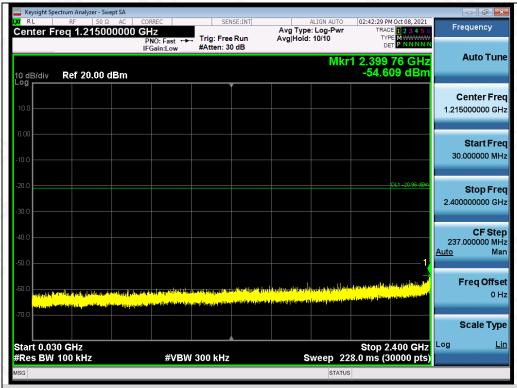
Stop 25.00 GHz Sweep 2.152 s (30000 pts)

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#VBW 300 kHz

Start 2.48 GHz #Res BW 100 kHz

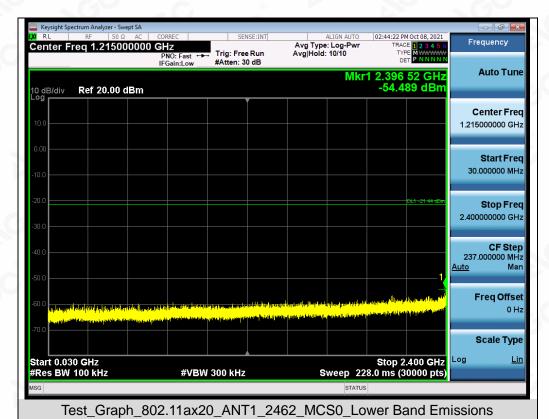


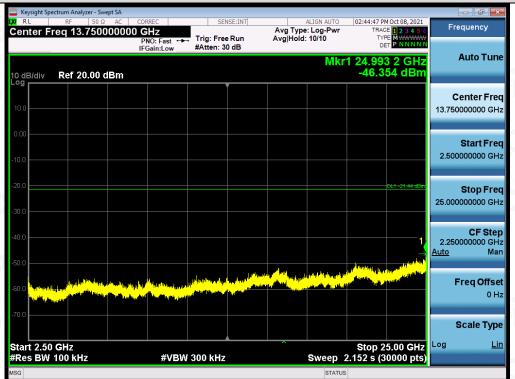


Test_Graph_802.11ax20_ANT1_2437_MCS0_Lower Band Emissions



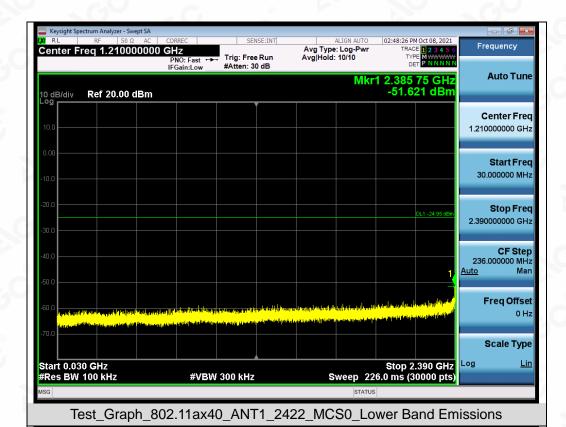


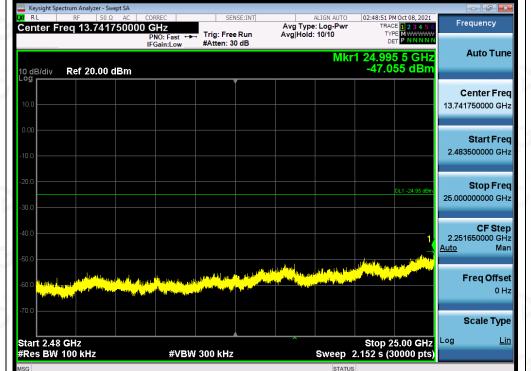




Test_Graph_802.11ax20_ANT1_2462_MCS0_Higher Band Emissions





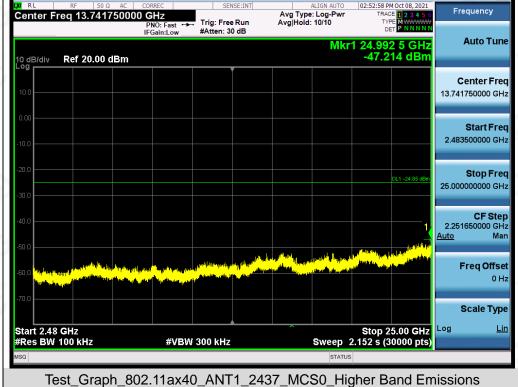


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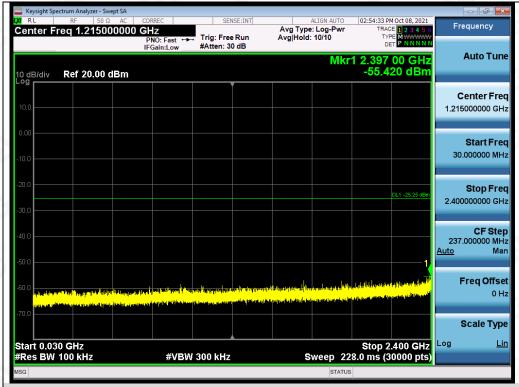




t Spectrum Analyzer - Swept SA













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



Test_Graph_802.11b_ANT1_2412_1Mbps_Lower Band Edge Emissions

