



Test Graphs of DTS Bandwidth- Bandwidth 20 MHz Ant 1

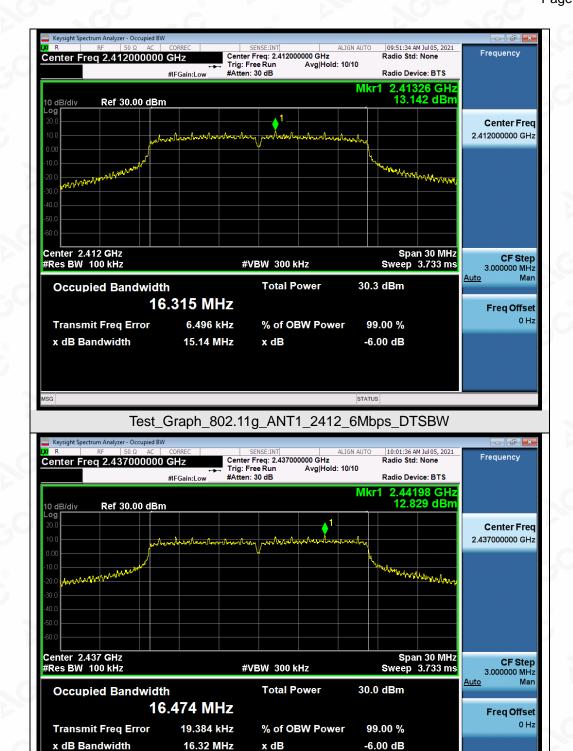


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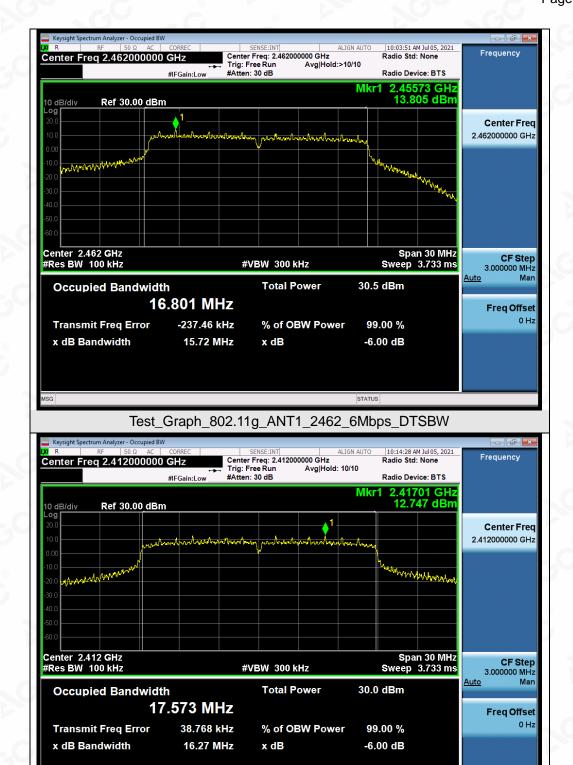






Test_Graph_802.11g_ANT1_2437_6Mbps_DTSBW





Test_Graph_802.11n20_ANT1_2412_MCS0_DTSBW

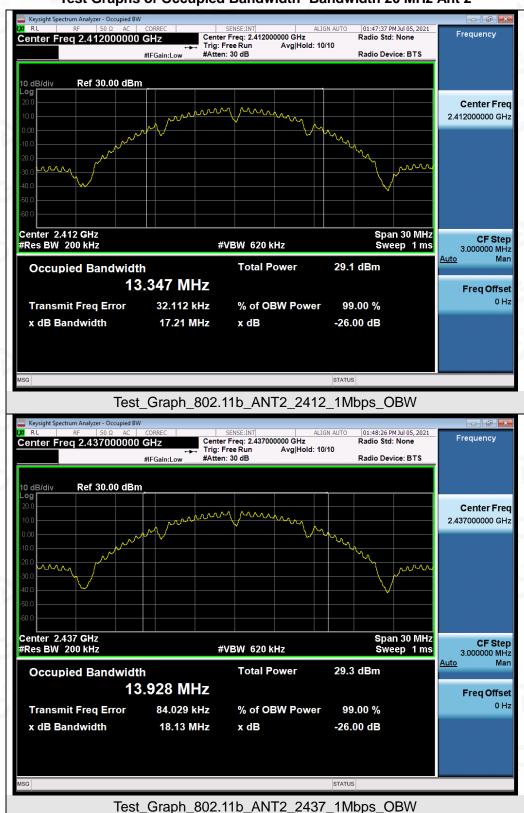




Test_Graph_802.11n20_ANT1_2462_MCS0_DTSBW

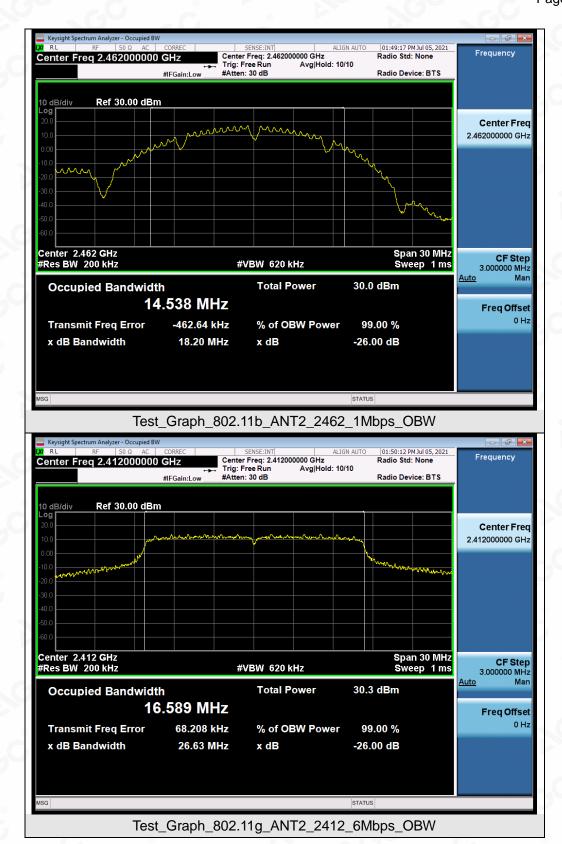


Test Graphs of Occupied Bandwidth- Bandwidth 20 MHz Ant 2



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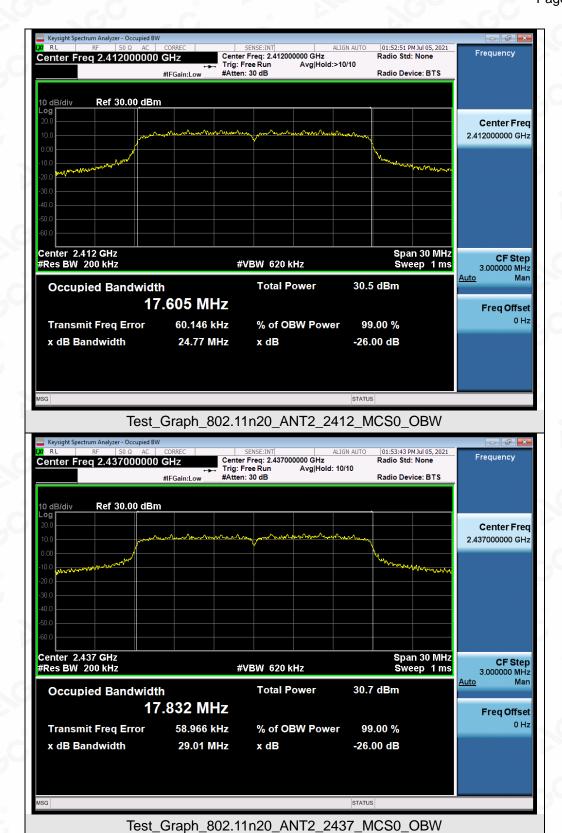
















Test Graphs of DTS Bandwidth- Bandwidth 20 MHz Ant 2

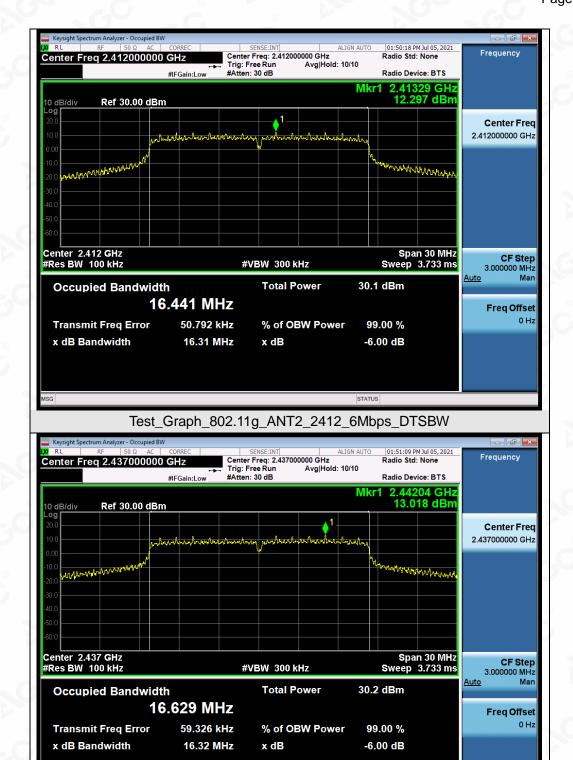


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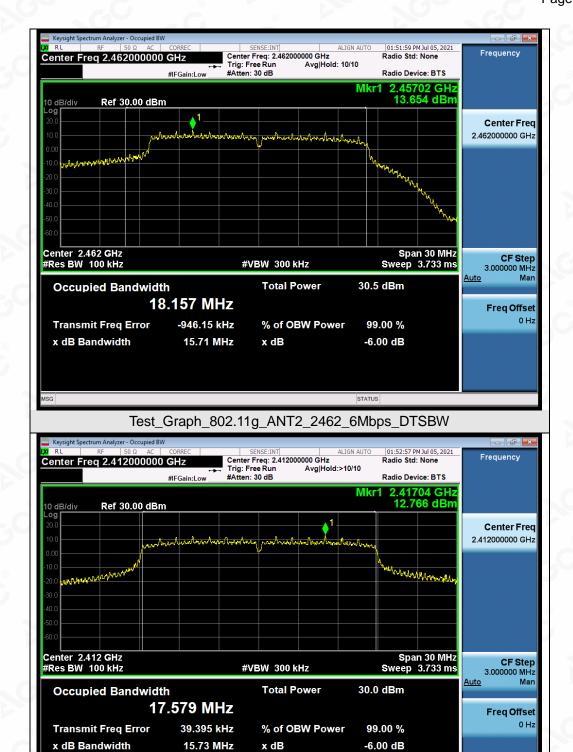






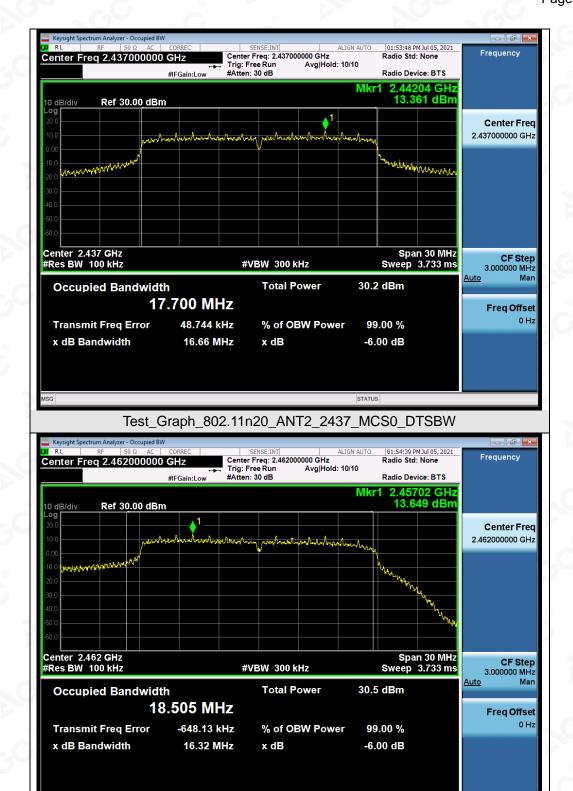
Test_Graph_802.11g_ANT2_2437_6Mbps_DTSBW





Test_Graph_802.11n20_ANT2_2412_MCS0_DTSBW





Test_Graph_802.11n20_ANT2_2462_MCS0_DTSBW



Report No.: AGC02115210401FE05

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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 -30dBc than the limit	8
frequency band in which the spread spectrum	Specified on the BOTTOM	PASS
intentional radiator is operating, the radio frequency	Channel	
power that is produce by the intentional radiator shall		
be at least 30 dB below that in 100KHz bandwidth	0	
within the band that contains the highest level of the	8	
desired power.	At least -30dBc than the limit	DACC
In addition, radiation emissions which fall in the	Specified on the TOP Channel	PASS
restricted bands, as defined in §15.205(a), must also		
comply with the radiated emission limits specified		
in§15.209(a))	C ·	

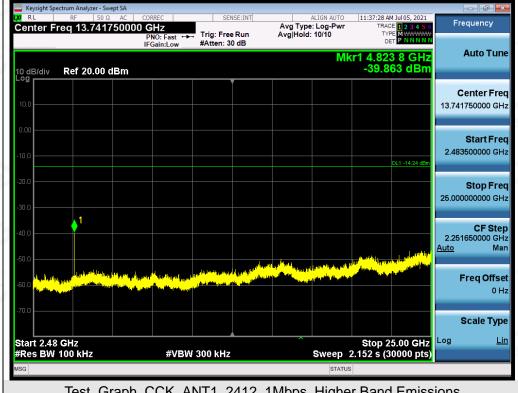
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Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands- Bandwidth 10 MHz







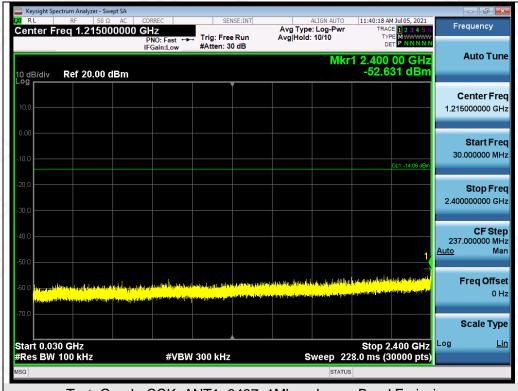
Test_Graph_CCK_ANT1_2412_1Mbps_Higher Band Emissions

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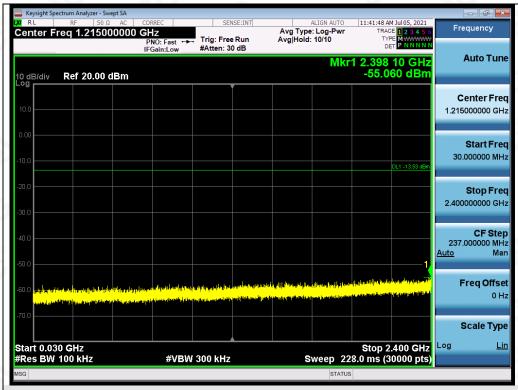


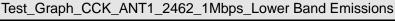


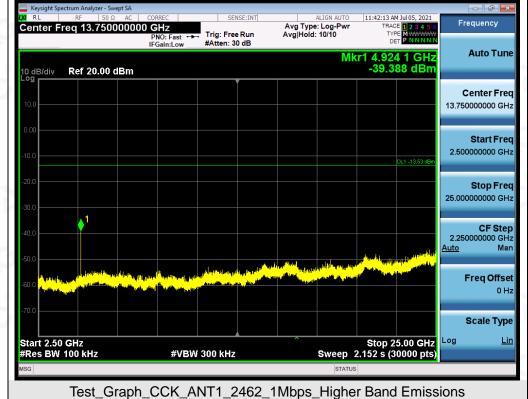
Test_Graph_CCK_ANT1_2437_1Mbps_Higher Band Emissions

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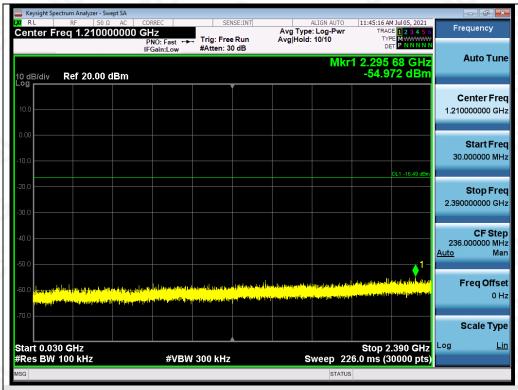


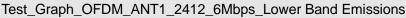






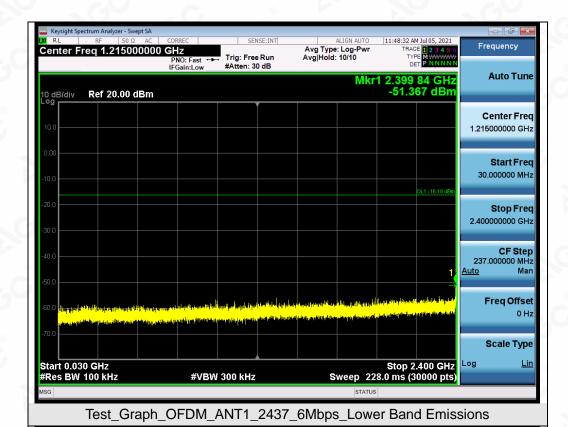














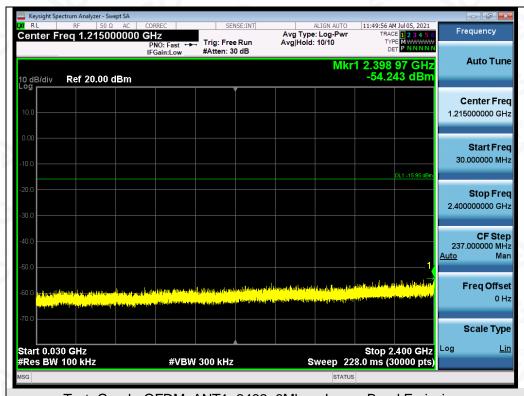
Test_Graph_OFDM_ANT1_2437_6Mbps_Higher Band Emissions

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#VBW 300 kHz

The test results









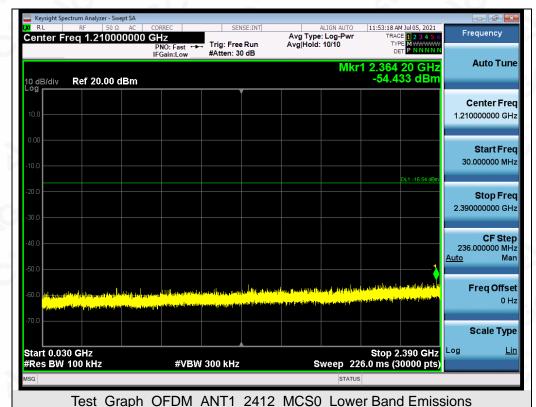
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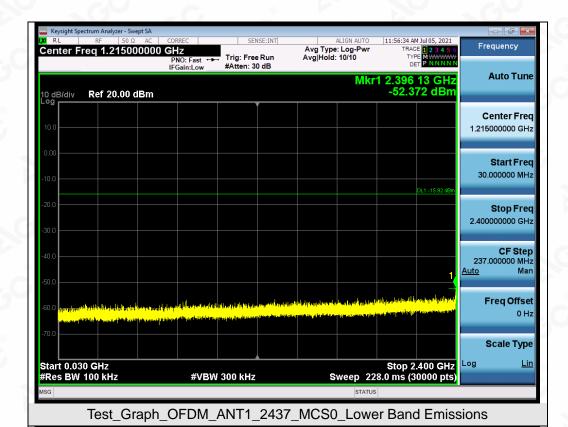
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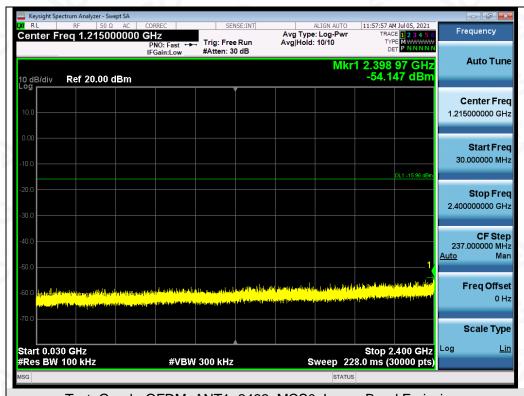


Test_Graph_OFDM_ANT1_2437_MCS0_Higher Band Emissions

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The test results







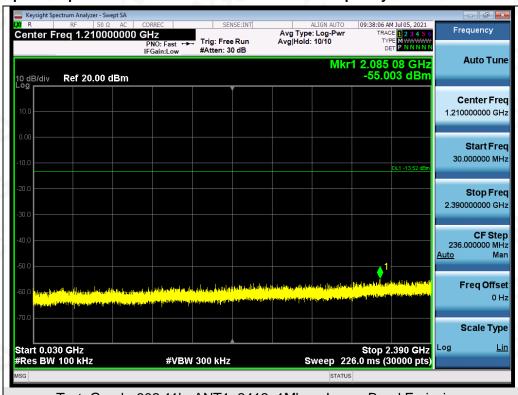


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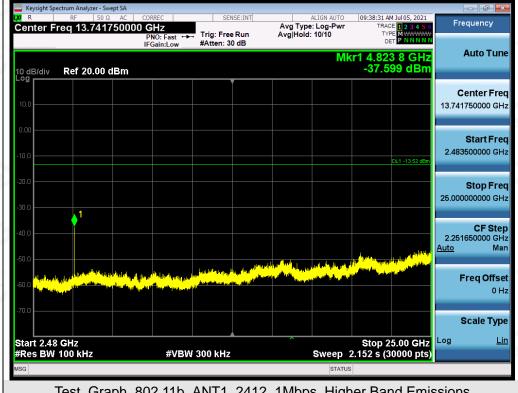
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Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands- Bandwidth 20 MHz



Test_Graph_802.11b_ANT1_2412_1Mbps_Lower Band Emissions



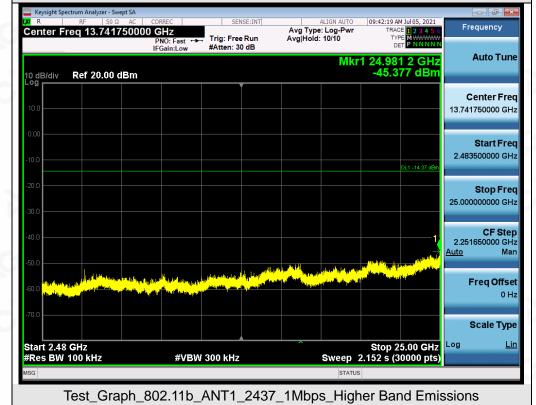
Test_Graph_802.11b_ANT1_2412_1Mbps_Higher Band Emissions

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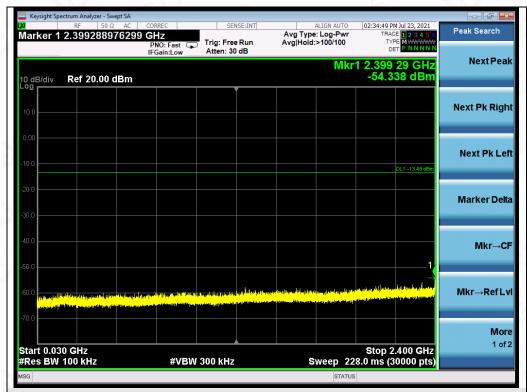




Test_Graph_802.11b_ANT1_2437_1Mbps_Lower Band Emissions







Test_Graph_802.11b_ANT1_2462_1Mbps_Lower Band Emissions

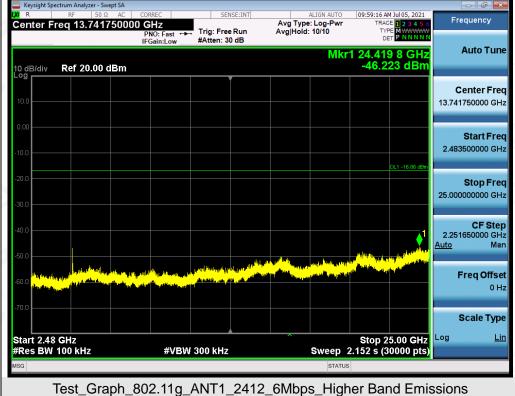


The test results





Test_Graph_802.11g_ANT1_2412_6Mbps_Lower Band Emissions

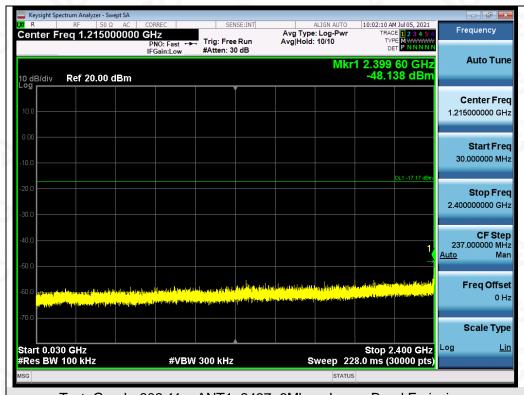


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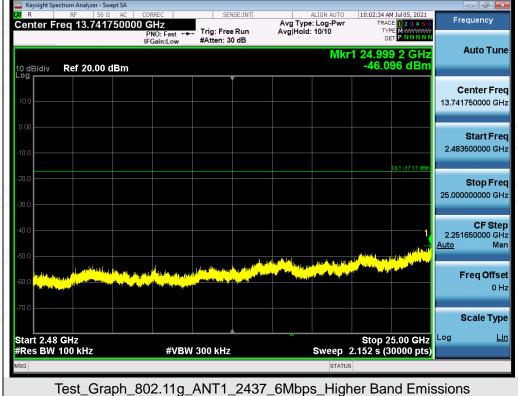
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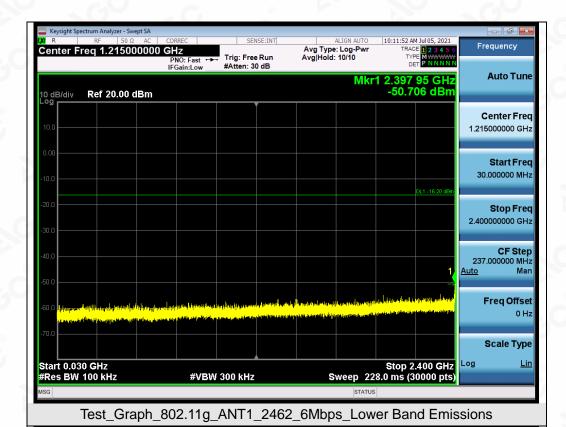




Test_Graph_802.11g_ANT1_2437_6Mbps_Lower Band Emissions









Test_Graph_802.11g_ANT1_2462_6Mbps_Higher Band Emissions

Stop 25.00 GHz Sweep 2.152 s (30000 pts)

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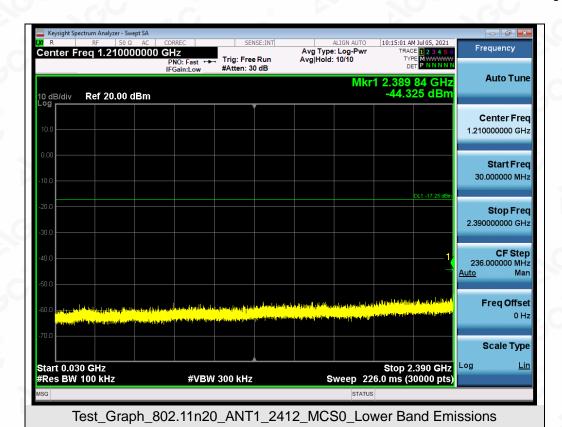
#VBW 300 kHz

Start 2.50 GHz #Res BW 100 kHz

Scale Type

Stop 25.00 GHz Sweep 2.152 s (30000 pts)







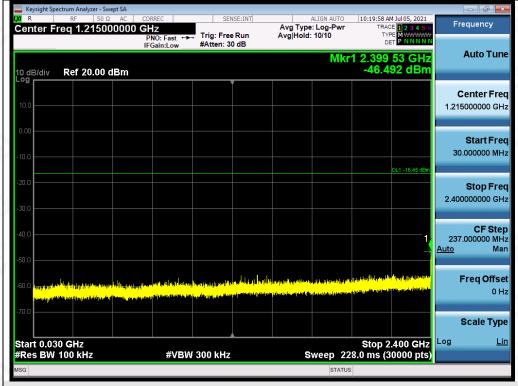
Test_Graph_802.11n20_ANT1_2412_MCS0_Higher Band Emissions

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#VBW 300 kHz

Start 2.48 GHz #Res BW 100 kHz





Test Graph 802.11n20 ANT1 2437 MCS0 Lower Band Emissions

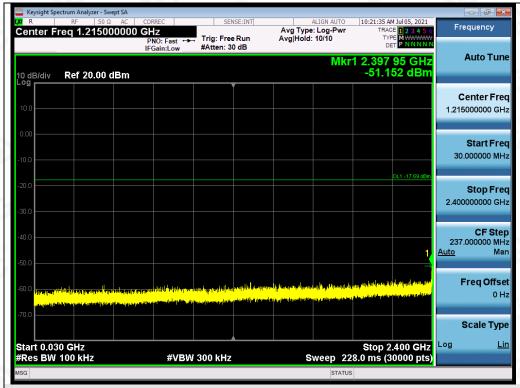


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The test results









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Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands- Bandwidth 10 MHz







Test_Graph_OFDM_ANT1_2412_6Mbps_Lower Band Edge Emissions

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