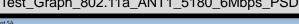


Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz-ant 2







Test_Graph_802.11a_ANT1_5200_6Mbps_PSD

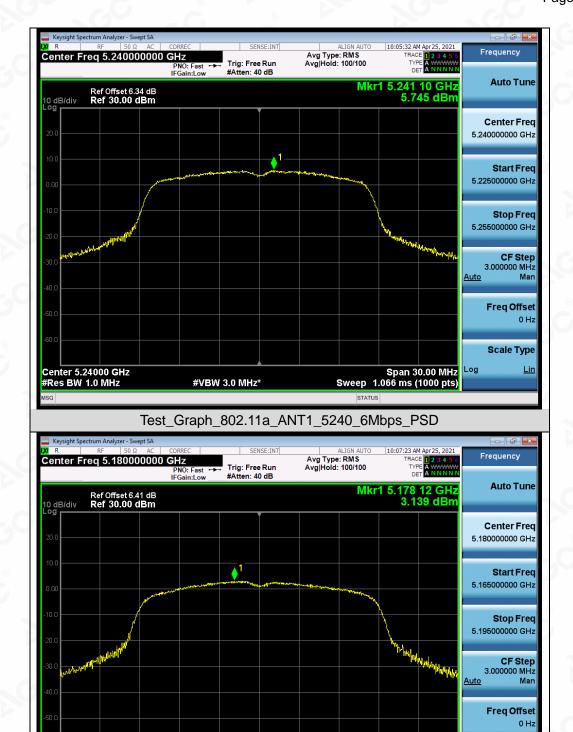
Compliance Dedicated Festing/Inspection Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Any report having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorization of AGC. The test results start is the resert apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/

Scale Type

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





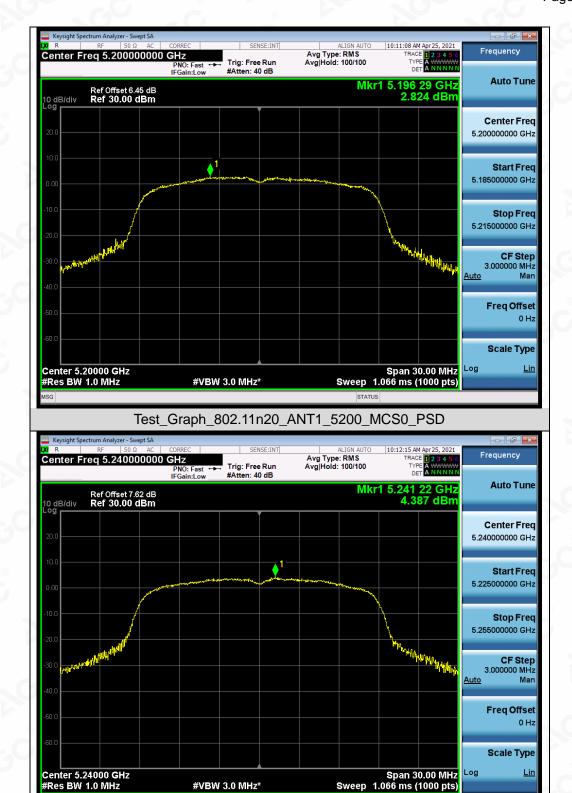
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Test_Graph_802.11n20_ANT1_5180_MCS0_PSD

#VBW 3.0 MHz*

Center 5.18000 GHz #Res BW 1.0 MHz



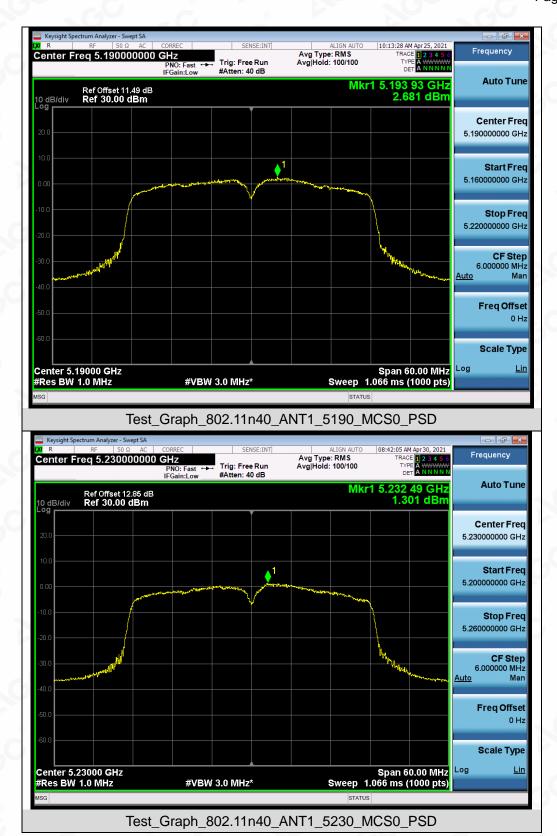


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Test_Graph_802.11n20_ANT1_5240_MCS0_PSD

#VBW 3.0 MHz*





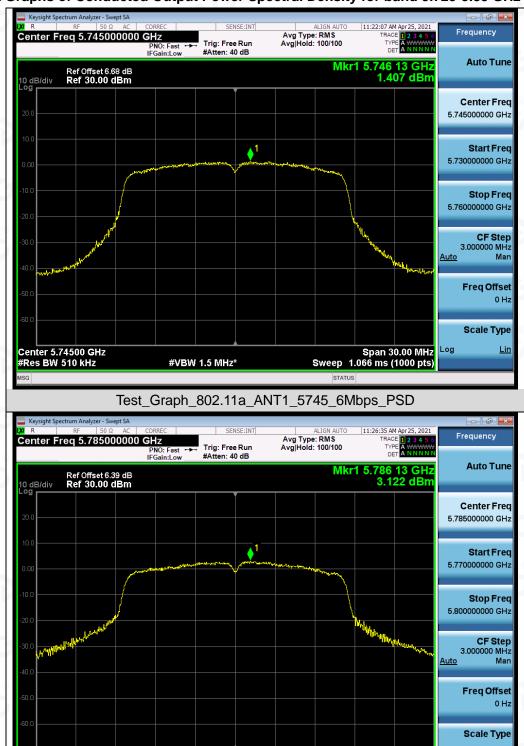
<u>Lin</u>

Span 30.00 MHz

Sweep 1.066 ms (1000 pts)



Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz-ant 1



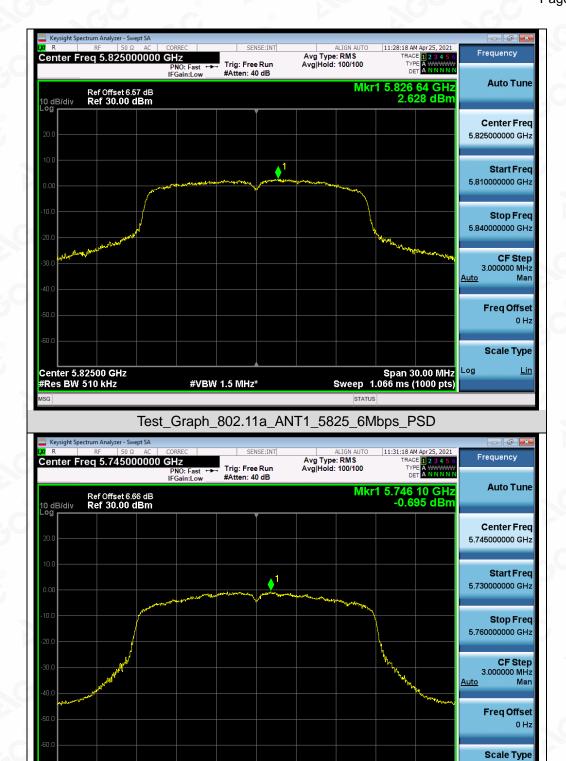
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Test_Graph_802.11a_ANT1_5785_6Mbps_PSD

#VBW 1.5 MHz*

Center 5.78500 GHz #Res BW 510 kHz





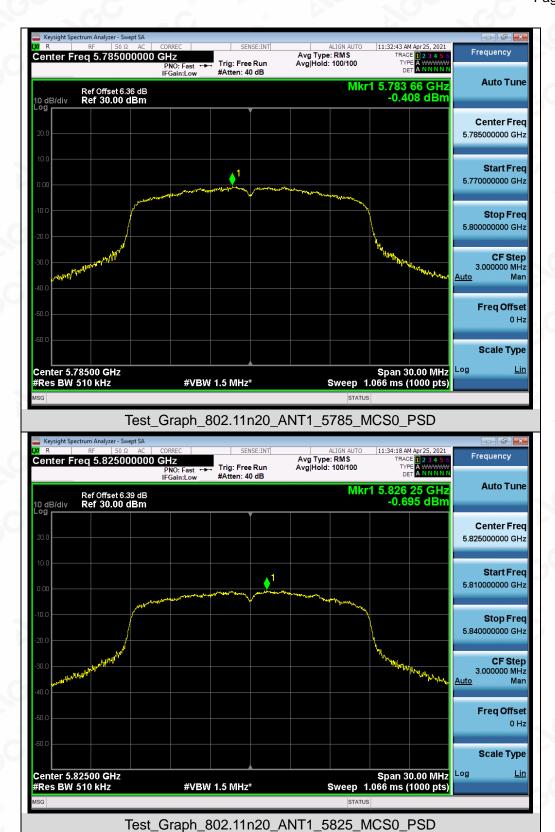
Test_Graph_802.11n20_ANT1_5745_MCS0_PSD

#VBW 1.5 MHz*

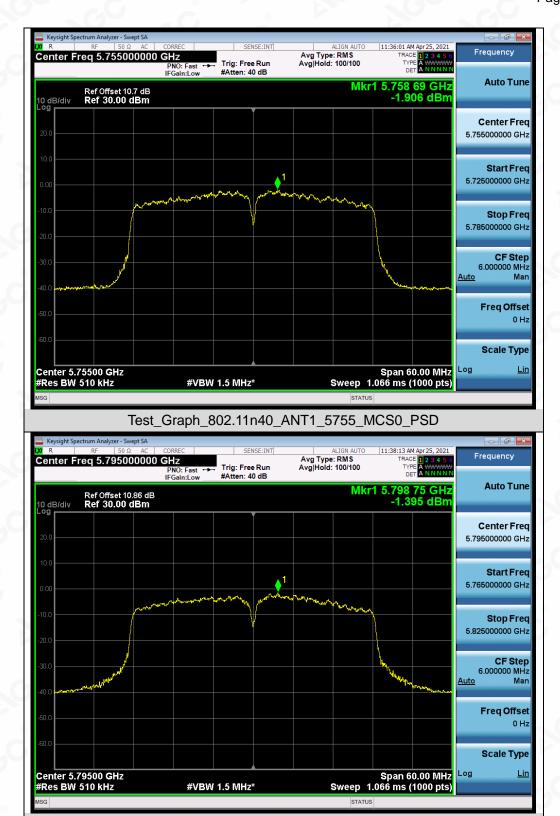
Span 30.00 MHz Sweep 1.066 ms (1000 pts)

Center 5.74500 GHz #Res BW 510 kHz









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Test_Graph_802.11n40_ANT1_5795_MCS0_PSD

Scale Type

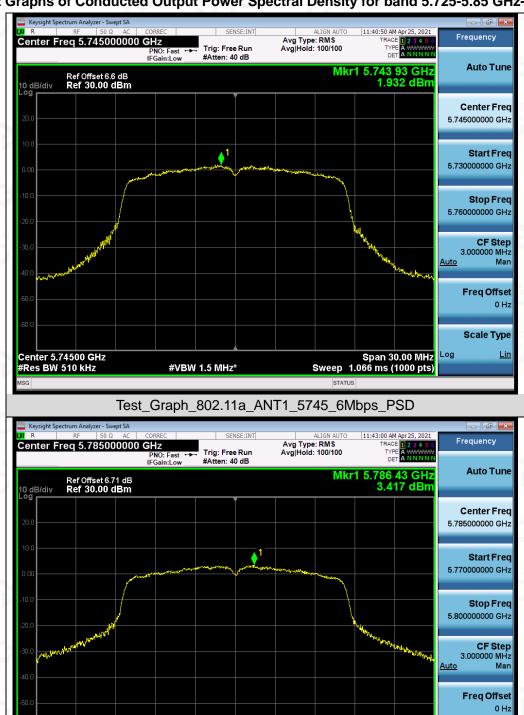
Span 30.00 MHz

Sweep 1.066 ms (1000 pts)

<u>Lin</u>



Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz-ant 2



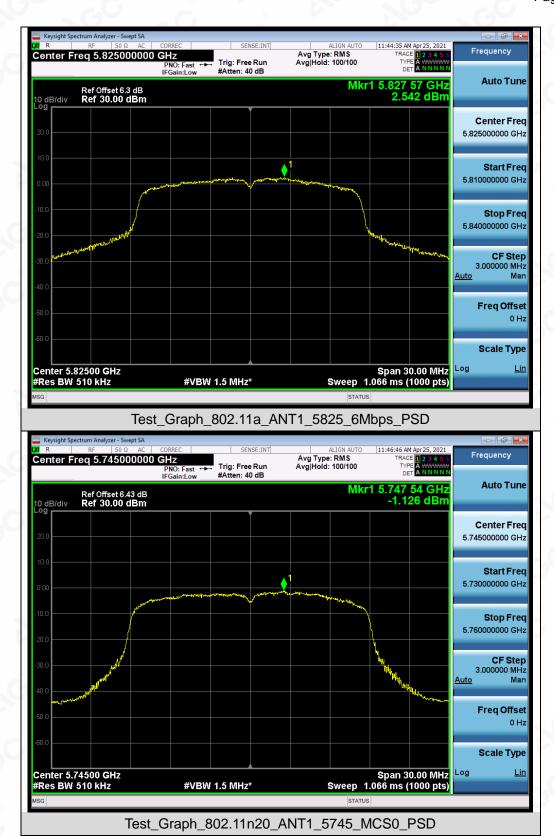
Test_Graph_802.11a_ANT1_5785_6Mbps_PSD

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#VBW 1.5 MHz*

Center 5.78500 GHz #Res BW 510 kHz







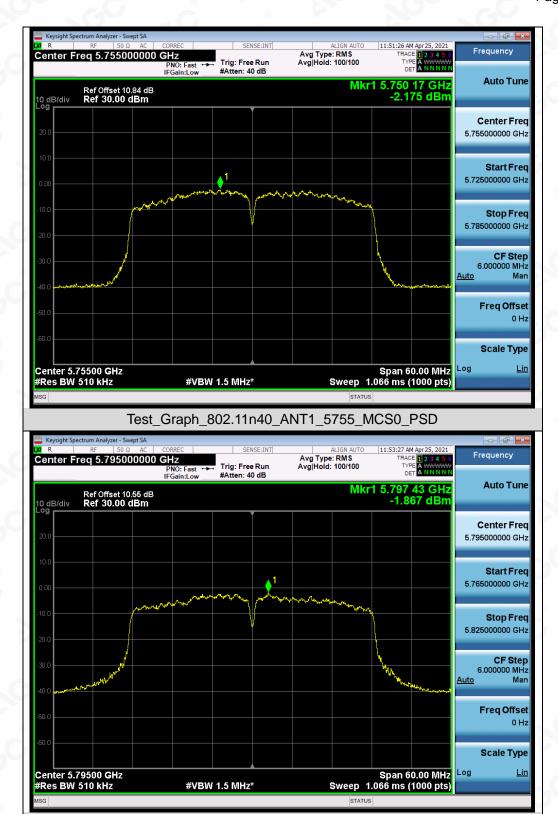


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Test_Graph_802.11n20_ANT1_5825_MCS0_PSD

#VBW 1.5 MHz*





Test_Graph_802.11n40_ANT1_5795_MCS0_PSD



Report No.: AGC02390210402FE06

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10. CONDUCTED SPURIOUS EMISSION

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 EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

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

The same as described in section 8.2.

10.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.

10.4. LIMITS AND MEASUREMENT RESULT

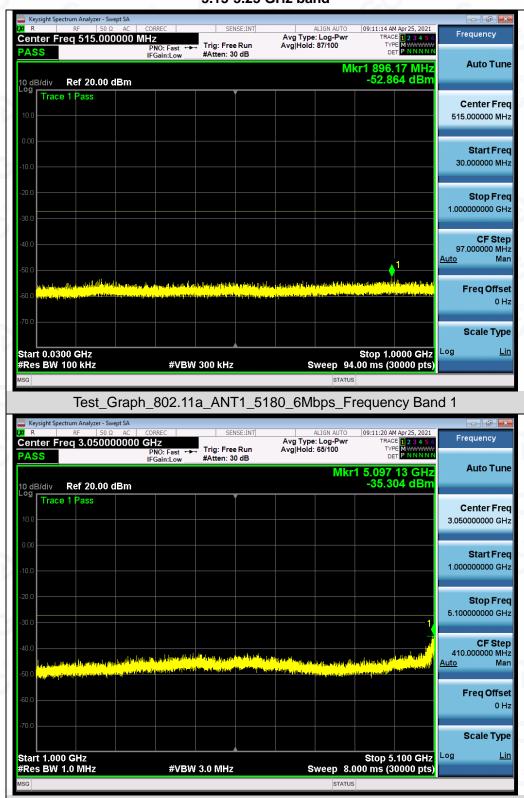
LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criteri
		а
-27dBm/MHz	5150MHz-5250MH	PASS
	Z	
All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above		\cup
or	5725MHz-5850MH z	PASS
below the band edge		
increasing linearly to 10 dBm/MHz at 25 MHz above or below		
the band edge, and from 25 MHz above or below the band		
edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz		
above or below the band edge, and from 5 MHz above or		
below the band edge increasing linearly to a level of 27 dBm/MHz at the		8
band edge.		

Note: All the 20MHz bandwidth modulation of antenna 1 and antenna 2 had been tested, the 802.11a20 of antenna 1 at 5180MHz was the worst case and record in his test report. All the 40MHz bandwidth modulation had been tested, the 802.11N40 at 5190MHz was the worst case and record in his test report. For 802.11n mode, the worst case Antenna 1 has more than 3dB margins, so the MIMO mode also compliance the limit.

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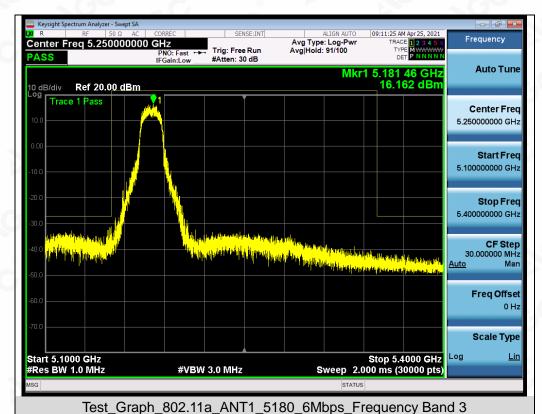
Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.15-5.25 GHz band



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Test_Graph_802.11a_ANT1_5180_6Mbps_Frequency Band 2











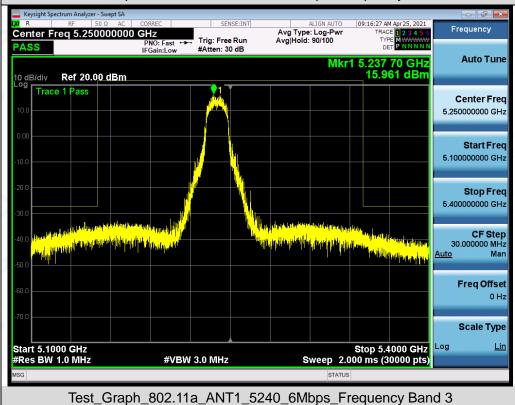
Test_Graph_802.11a_ANT1_5180_6Mbps_Frequency Band 5



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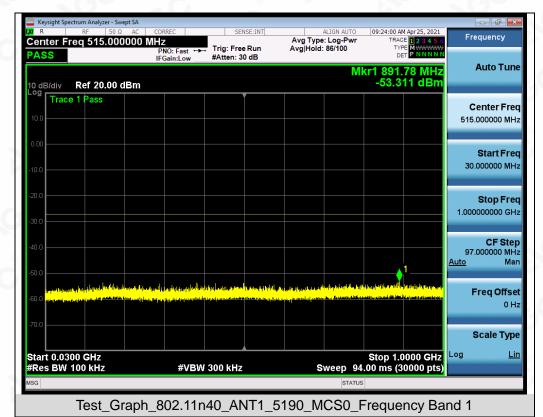






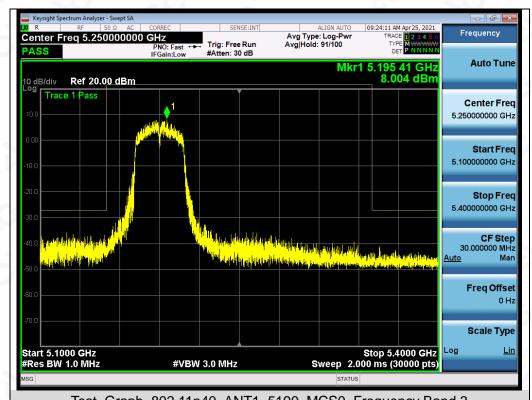
















Test_Graph_802.11n40_ANT1_5190_MCS0_Frequency Band 4

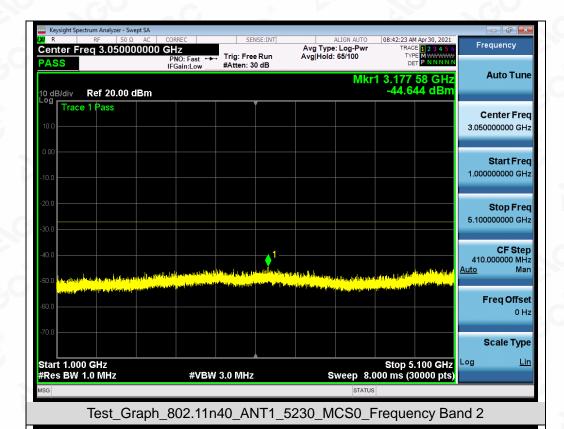
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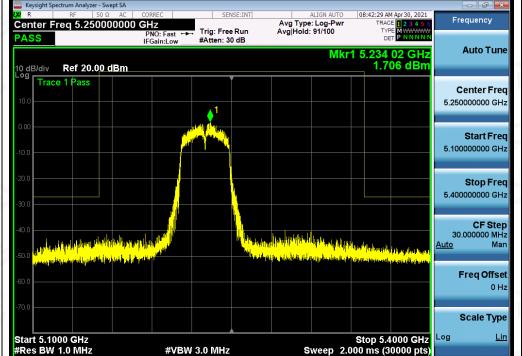












Test_Graph_802.11n40_ANT1_5230_MCS0_Frequency Band 3

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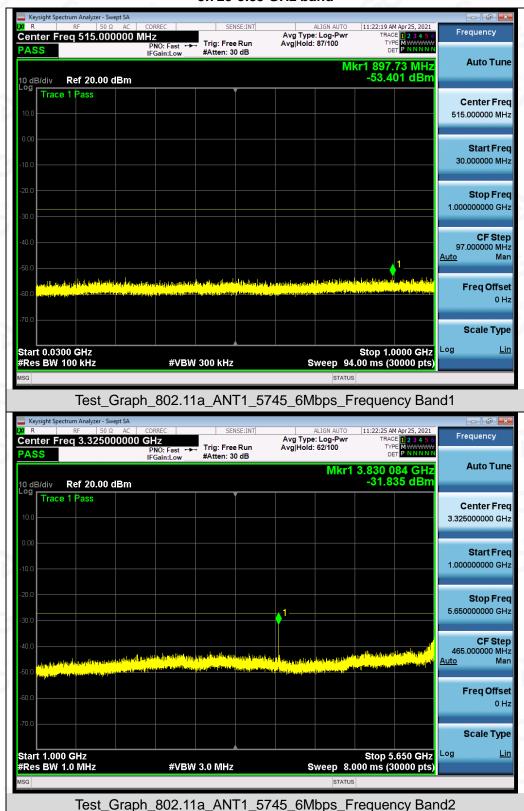








Test Graphs of Spurious Emissions outside of the 5.725-5.85 GHz band for transmitters operating in the 5.725-5.85 GHz band



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