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Report No.: AGC02115210403FE06

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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.

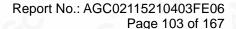
10.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.

10.4. LIMITS AND MEASUREMENT RESULT

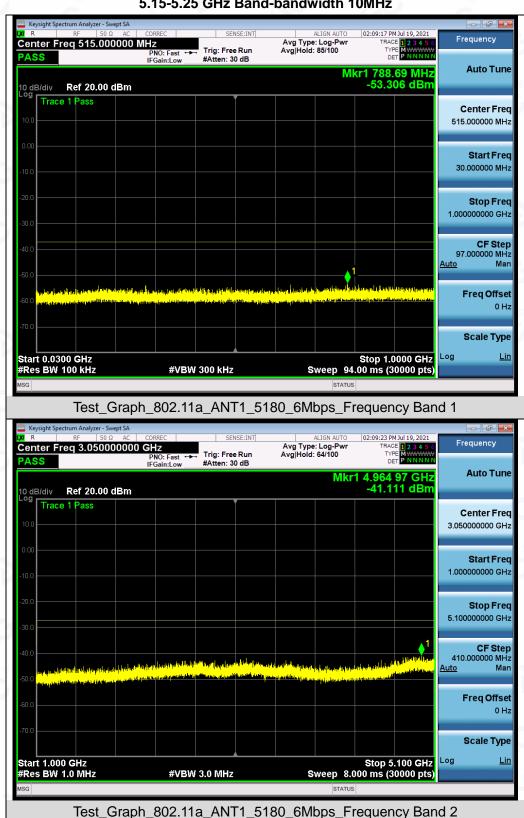
LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criter ia
-27dBm/MHz	5150MHz-5250 MHz	PASS
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, 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 band edge.	5725MHz-5850 MHz	PASS

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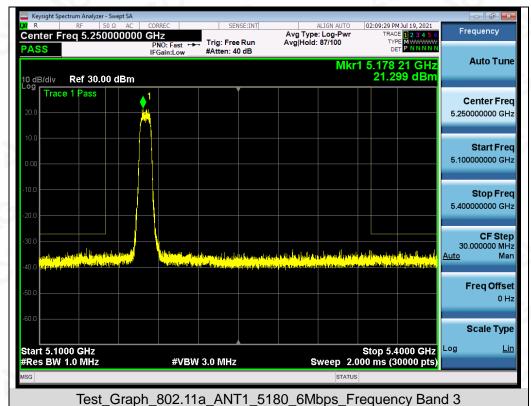


Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.15-5.25 GHz Band-bandwidth 10MHz



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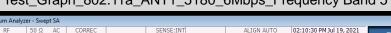


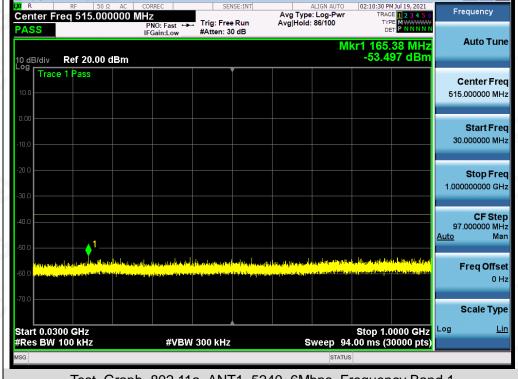


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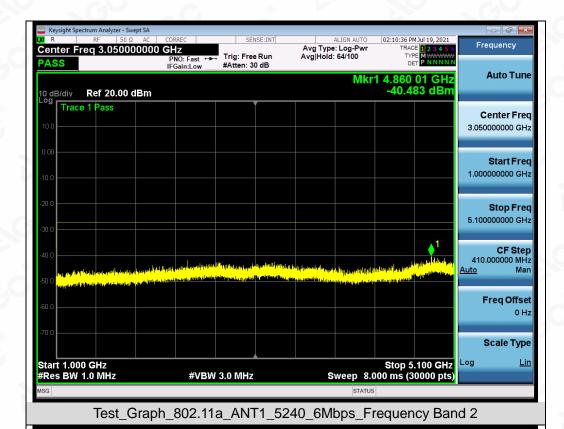


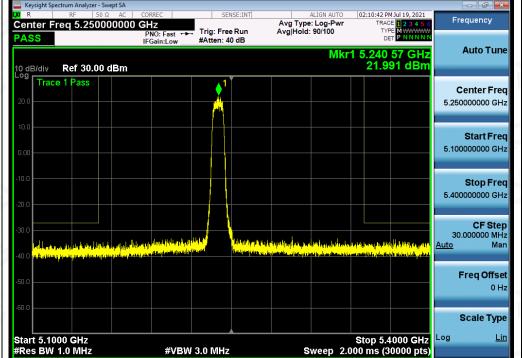




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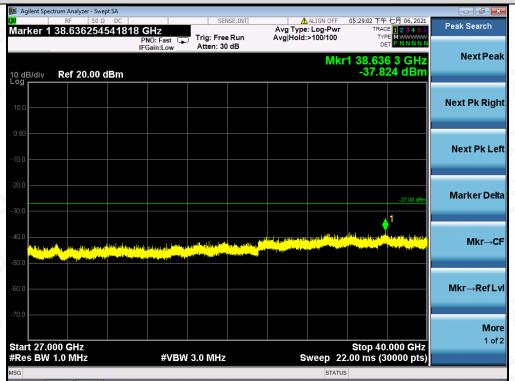




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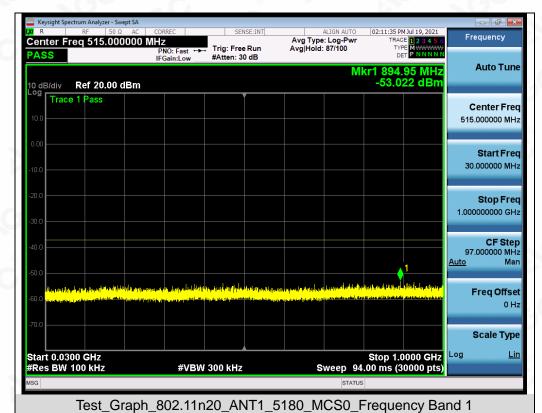






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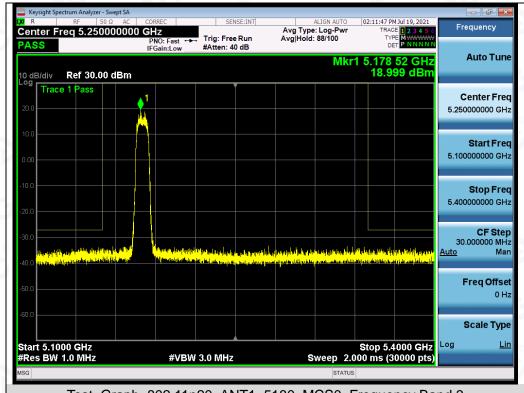






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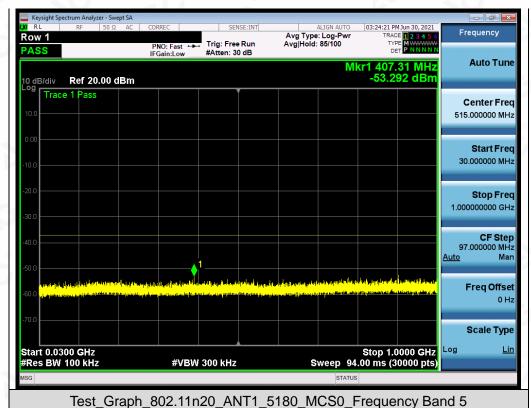


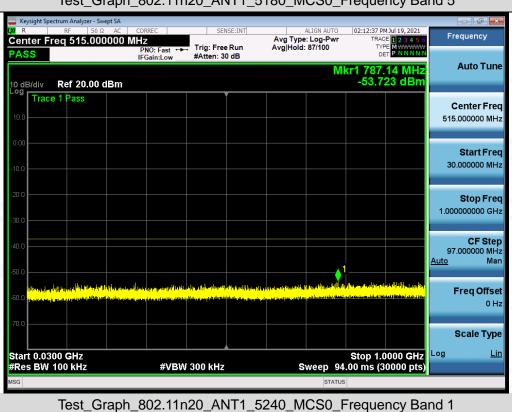




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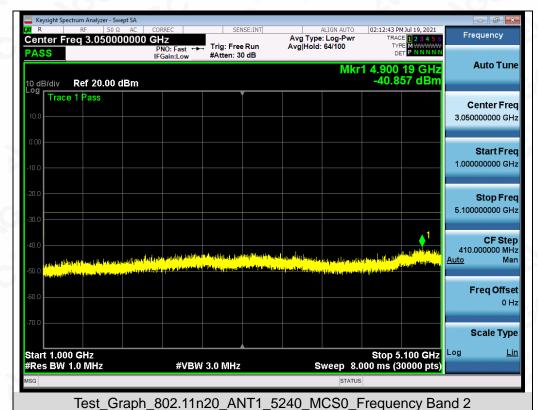


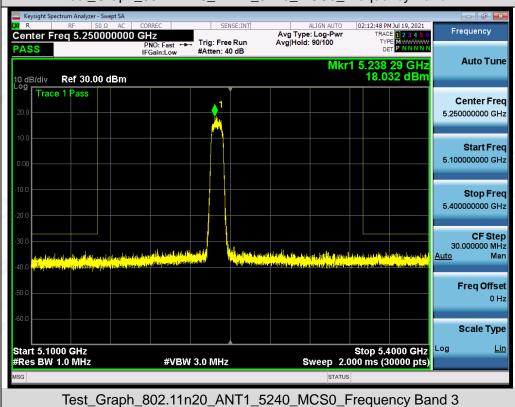




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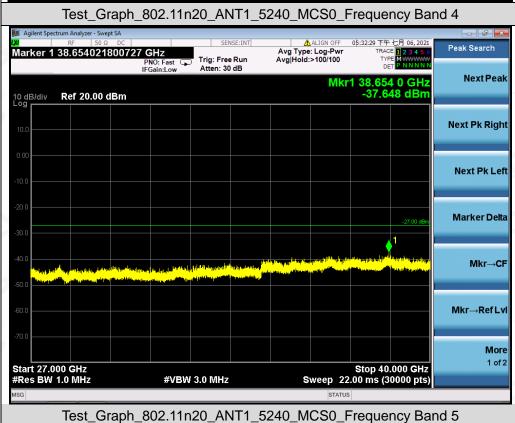




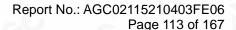
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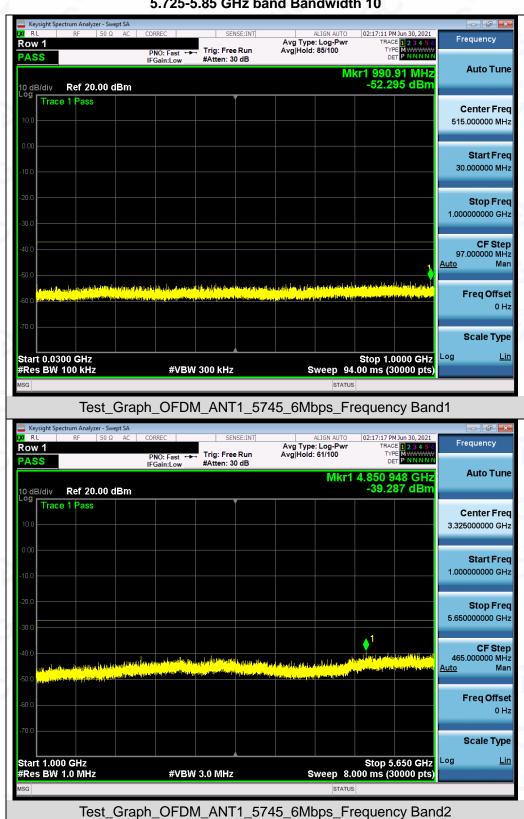


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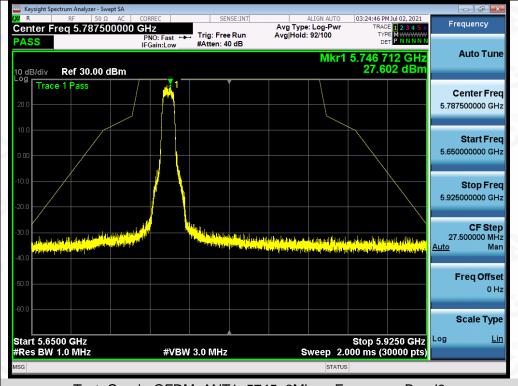


Test Graphs of Spurious Emissions outside of the 5.725-5.85 GHz band for transmitters operating in the 5.725-5.85 GHz band Bandwidth 10



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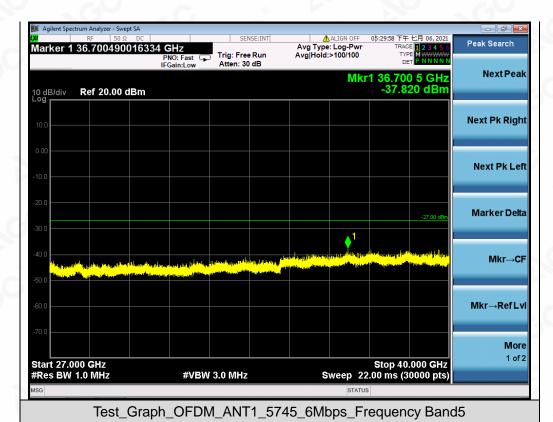


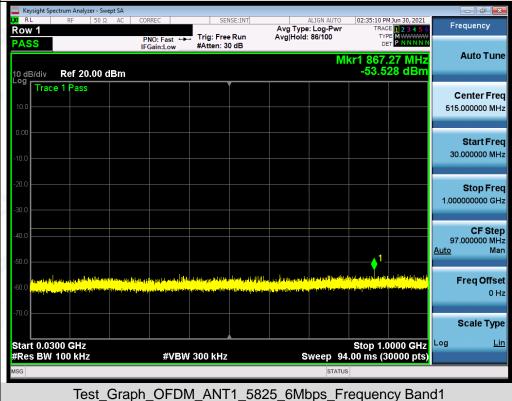


Test_Graph_OFDM_ANT1_5745_6Mbps_Frequency Band4

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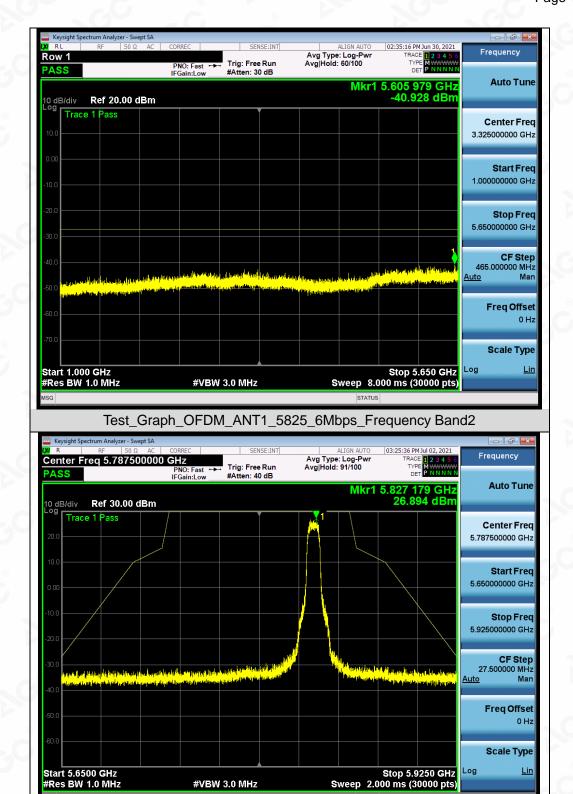






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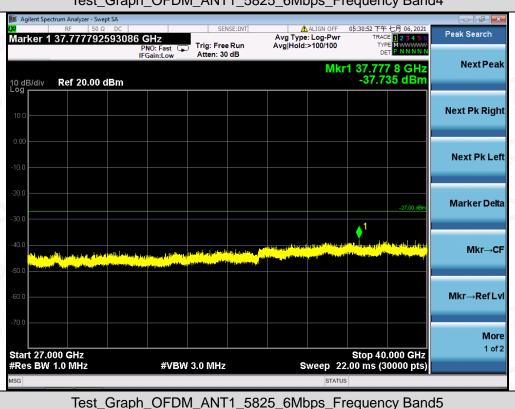
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Test_Graph_OFDM_ANT1_5825_6Mbps_Frequency Band3

#VBW 3.0 MHz

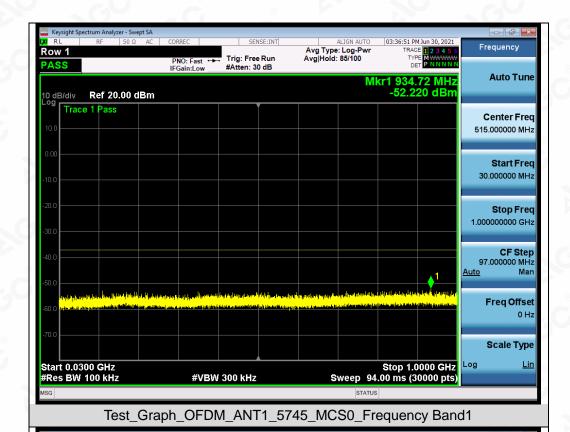


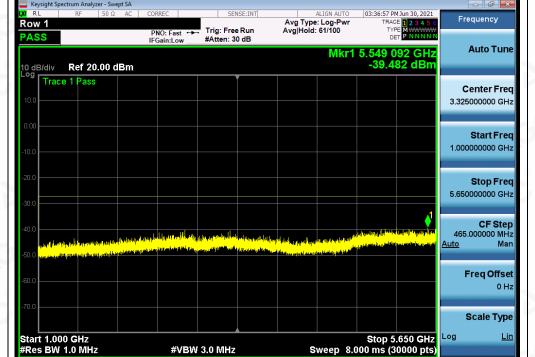




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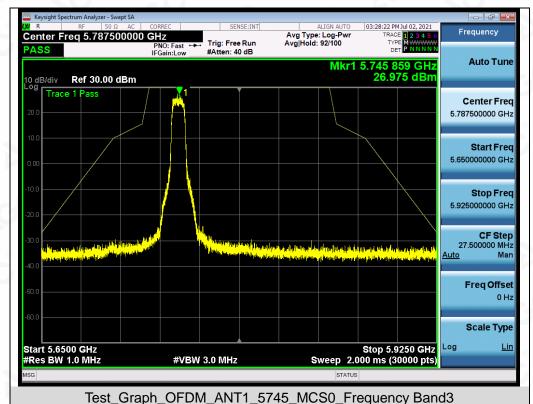




Test_Graph_OFDM_ANT1_5745_MCS0_Frequency Band2

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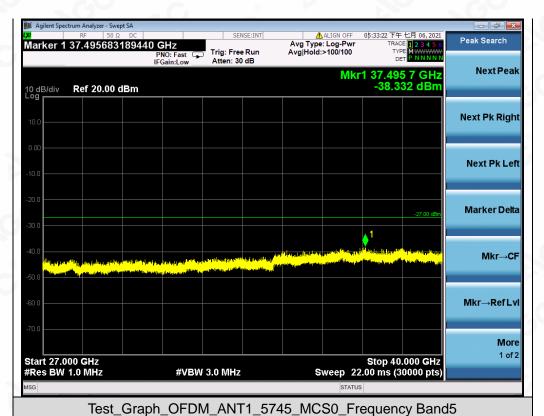


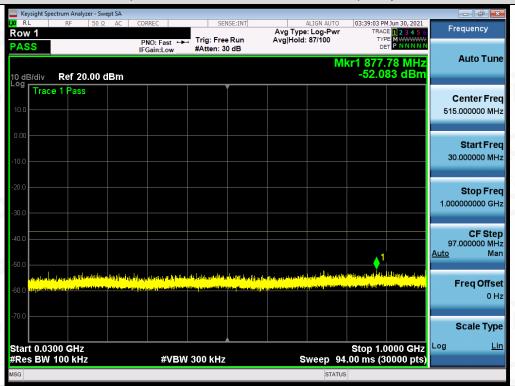




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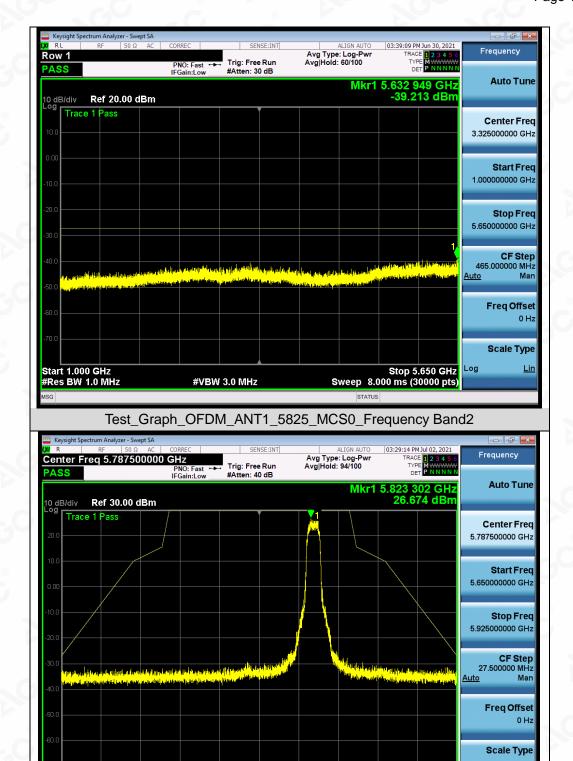




Test_Graph_OFDM_ANT1_5825_MCS0_Frequency Band1

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Test_Graph_OFDM_ANT1_5825_MCS0_Frequency Band3

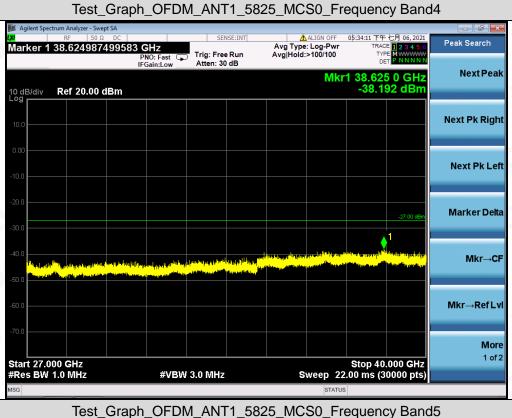
#VBW 3.0 MHz

Stop 5.9250 GHz Sweep 2.000 ms (30000 pts)

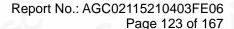
Start 5.6500 GHz #Res BW 1.0 MHz





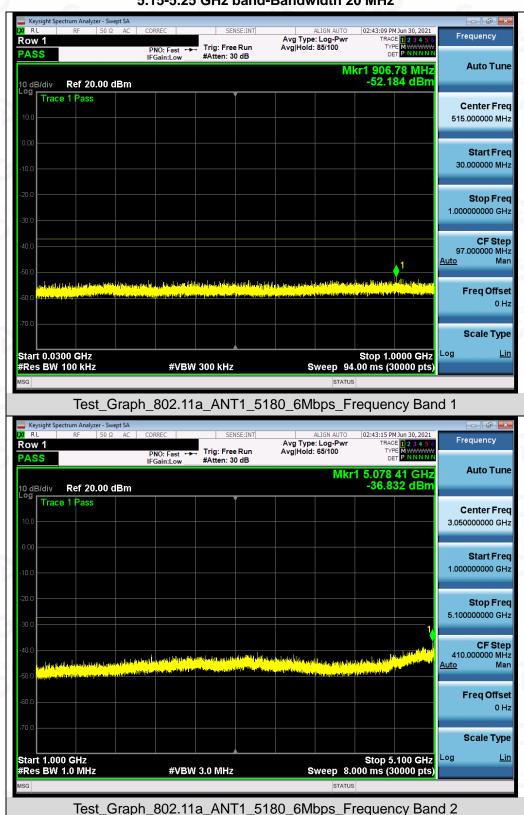


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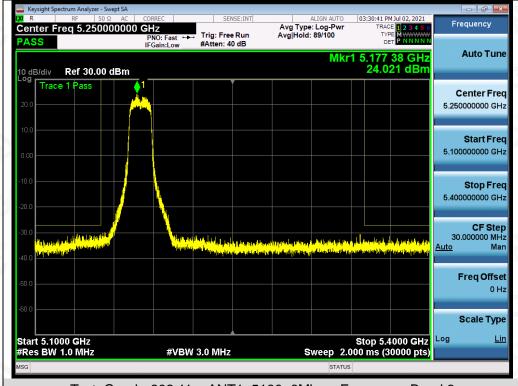


Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.15-5.25 GHz band-Bandwidth 20 MHz



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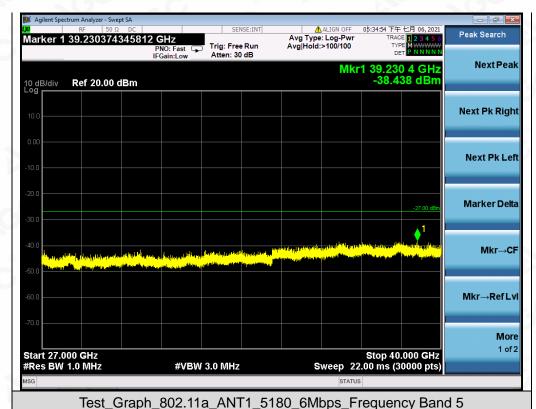






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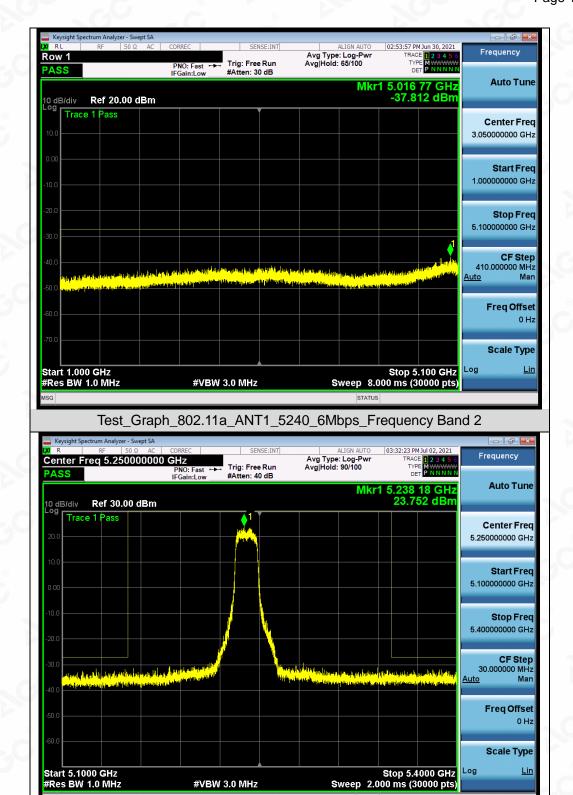






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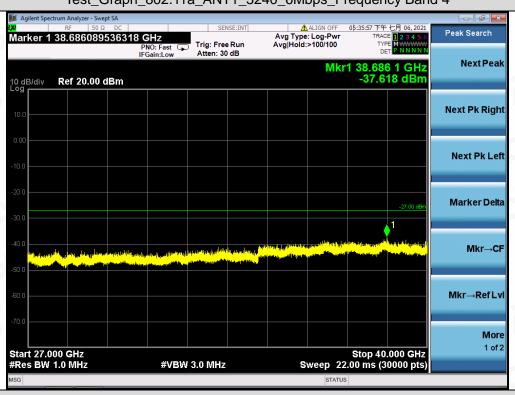


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Test_Graph_802.11a_ANT1_5240_6Mbps_Frequency Band 3



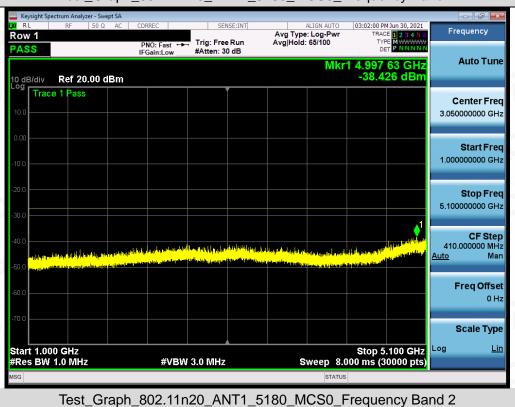




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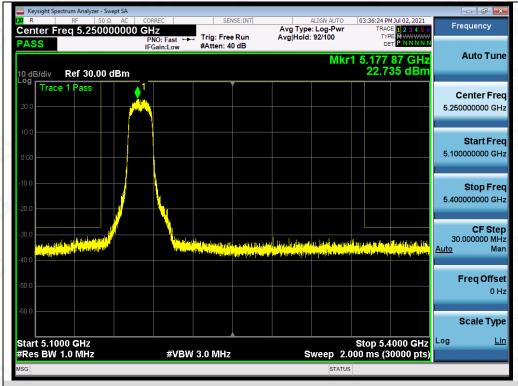






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Test_Graph_802.11n20_ANT1_5180_MCS0_Frequency Band 3



Test_Graph_802.11n20_ANT1_5180_MCS0_Frequency Band 4

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