

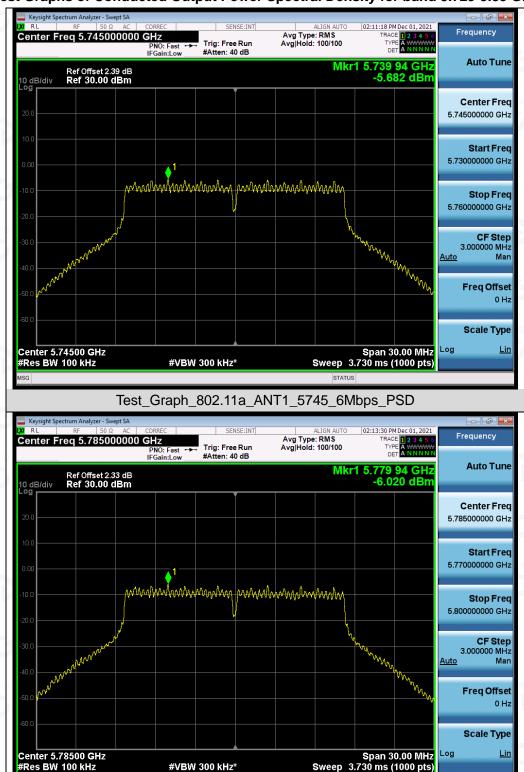
g/Inspection
The test results
If the test report.







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



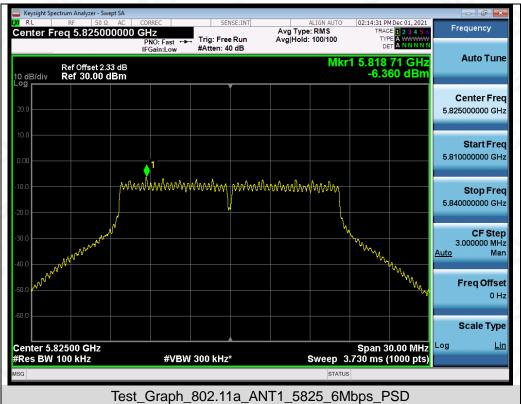
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Test_Graph_802.11a_ANT1_5785_6Mbps_PSD

Sweep 3.730 ms (1000 pts)

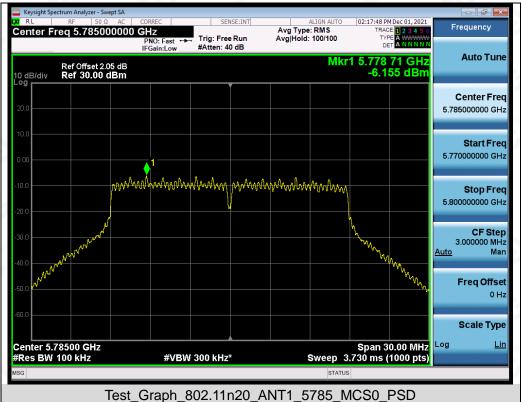
#VBW 300 kHz*





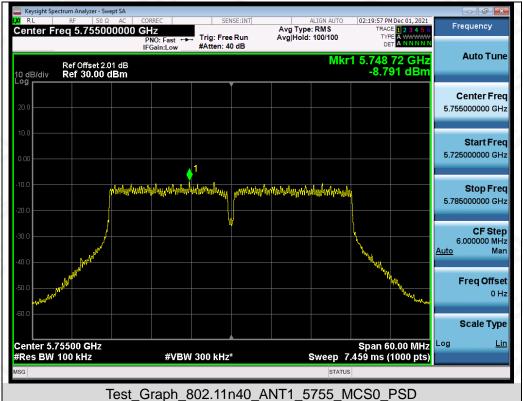










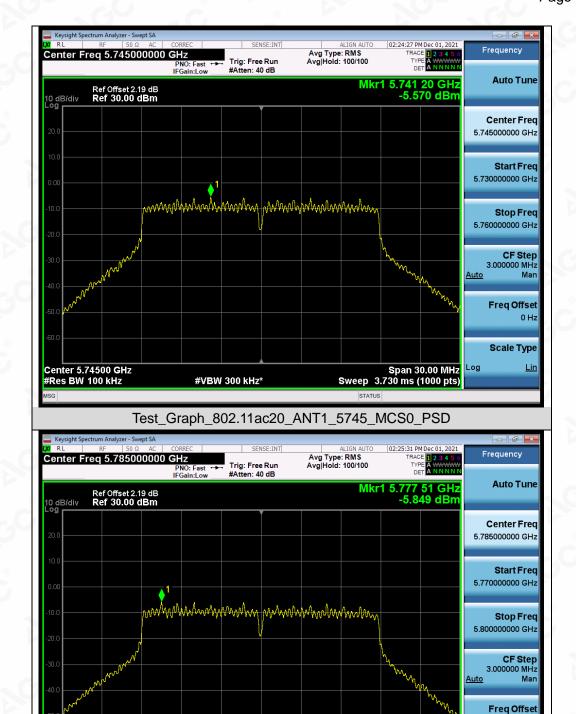




Scale Type

Span 30.00 MHz Sweep 3.730 ms (1000 pts)





#VBW 300 kHz*

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Test_Graph_802.11ac20_ANT1_5785_MCS0_PSD

Center 5.78500 GHz #Res BW 100 kHz















Report No.: AGC02762211104FE06

Page 91 of 182

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.

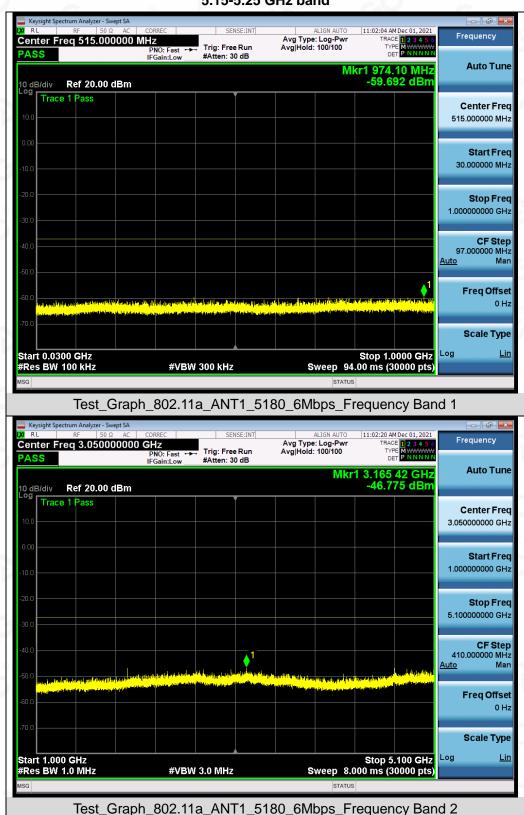
10.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criteri a
-27dBm/MHz	5150MHz-5250MH z	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, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	5725MHz-5850MH z	PASS

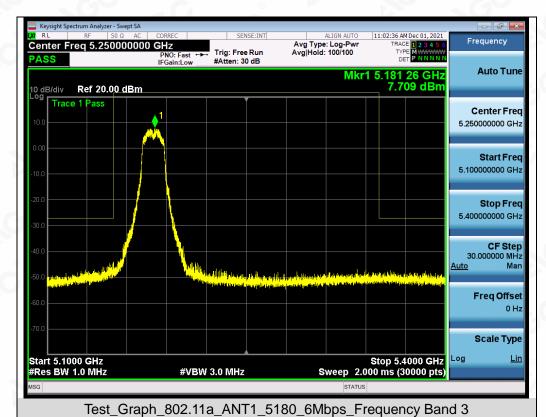
Note: All the 20MHz bandwidth modulation had been tested, the 802.11a20 was the worst case and record in his test report. All the 40MHz bandwidth modulation had been tested, the 802.11N40 was the worst case and record in his test report. All the 80MHz bandwidth modulation had been tested, the 802.11AC80 was the worst case and record in his test report.



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







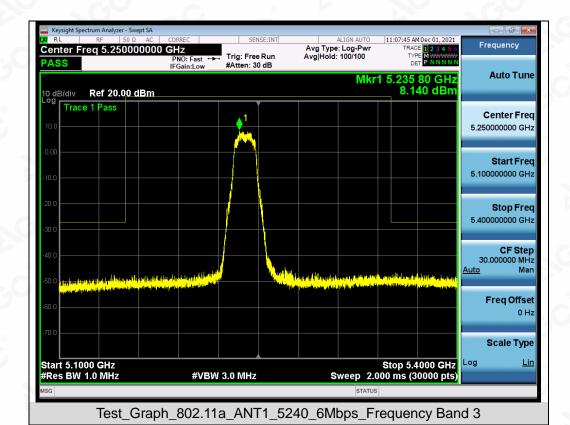














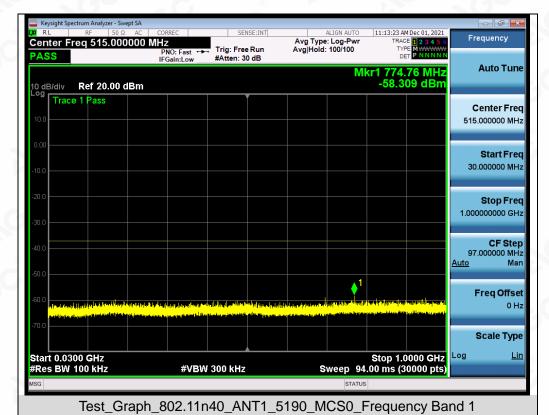
Test_Graph_802.11a_ANT1_5240_6Mbps_Frequency Band 4

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#VBW 3.0 MHz

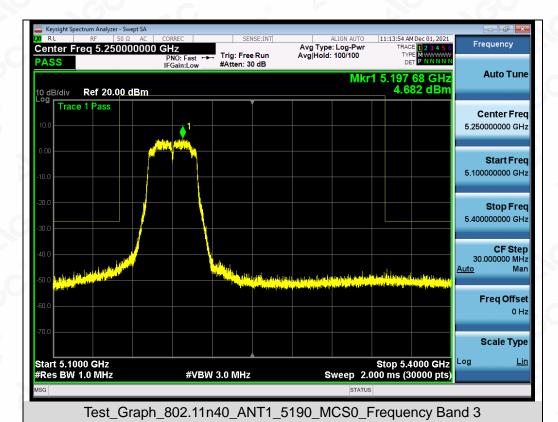
Attestation of Global Compliance(Shenzhen)Co., Ltd Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/







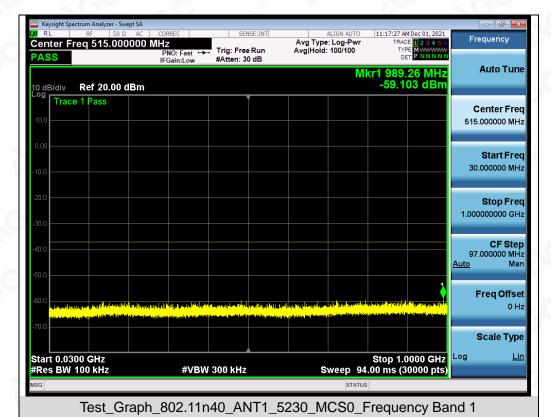


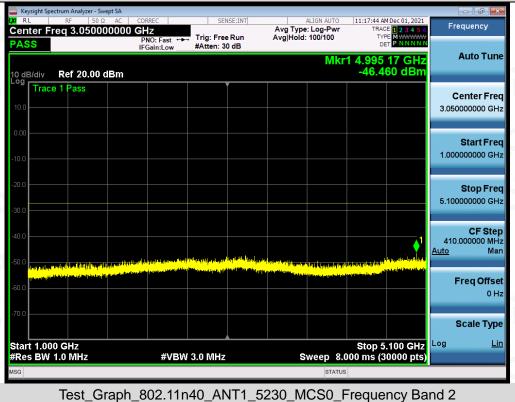


Avg Type: Log-Pw Avg|Hold: 100/100 Center Freq 16.200000000 GHz Trig: Free Run #Atten: 30 dB **Auto Tune** 25.064 6 GHz -36.925 dBm 0 dB/div Ref 20.00 dBm Trace 1 Center Freq 16.200000000 GHz Start Freq 5.400000000 GHz Stop Freq 27.000000000 GHz **CF Step** 2.160000000 GHz Freq Offset Scale Type Stop 27.00 GHz Sweep 56.00 ms (30000 pts) Start 5.40 GHz #Res BW 1.0 MHz **#VBW 3.0 MHz**

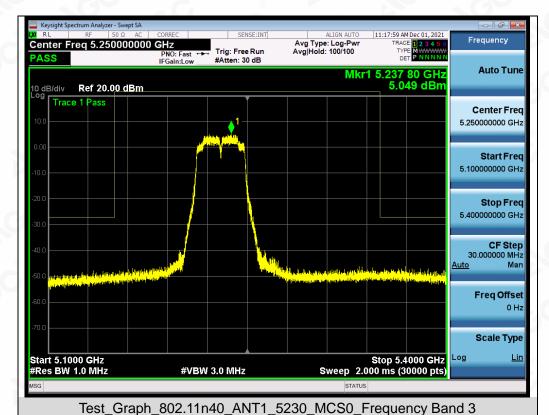
Test_Graph_802.11n40_ANT1_5190_MCS0_Frequency Band 4





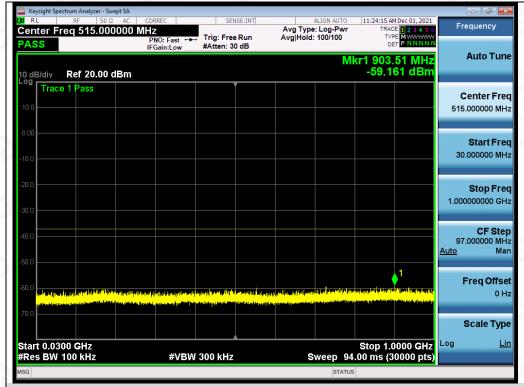


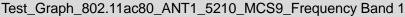


















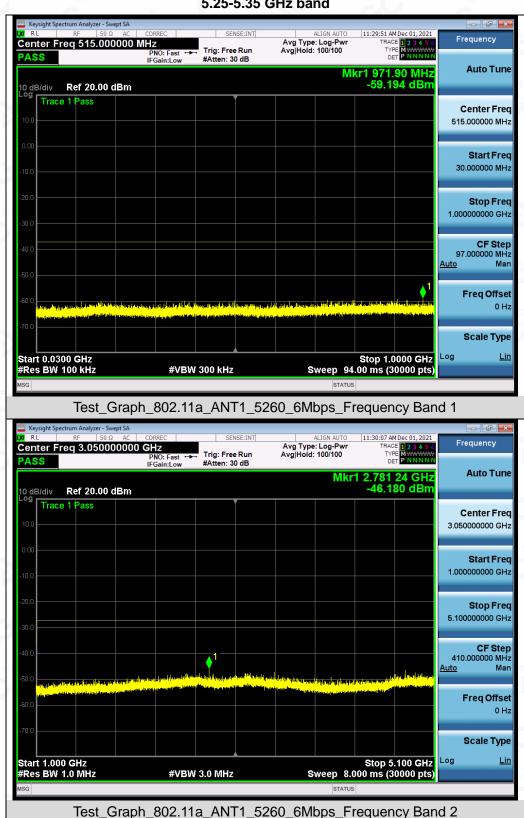
Test_Graph_802.11ac80_ANT1_5210_MCS9_Frequency Band 3



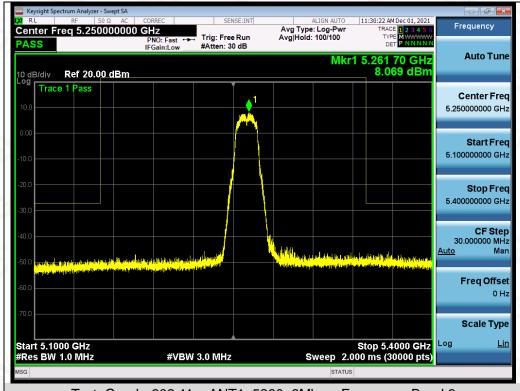
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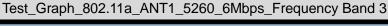


Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.25-5.35 GHz band





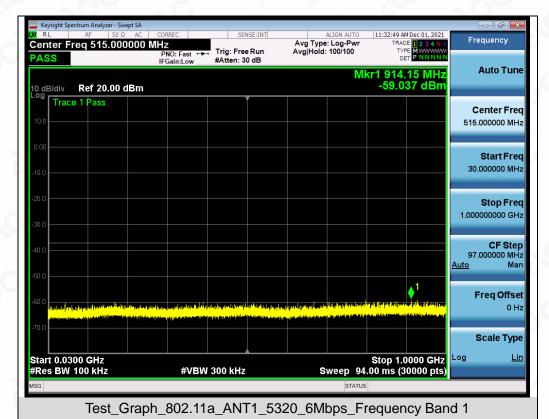






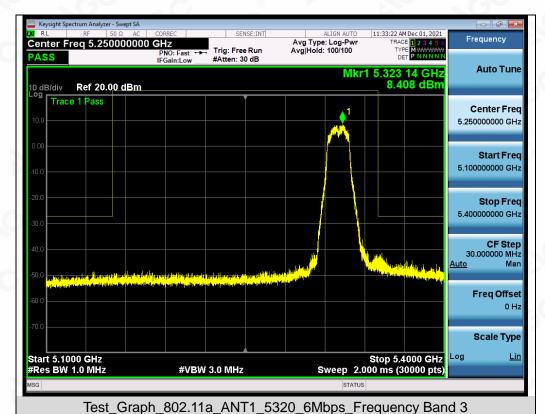
Compliance Bedicated Festing/Inspection Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Any report having not been signed by authorized approver, or having peen altered without authorization, or having not been signed by authorized approver, or having peen altered without authorization, or having not been signed by authorization of AGC. The test results start a signed by authorization of AGC and the test results are the tested cample. 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.





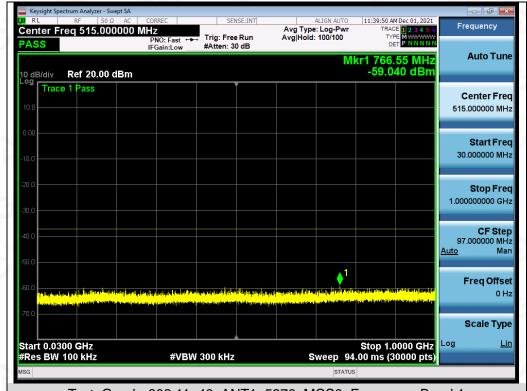




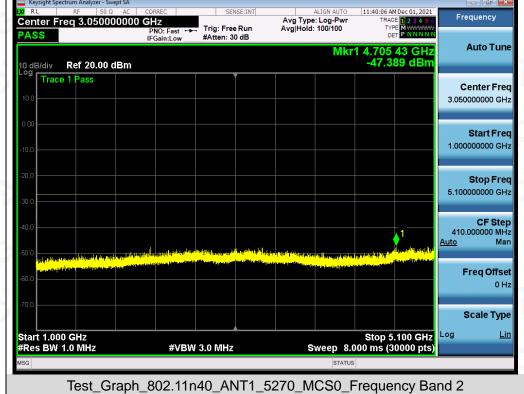




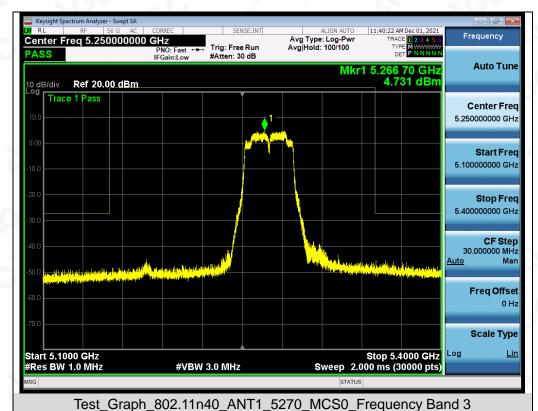


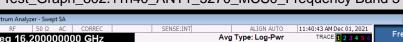








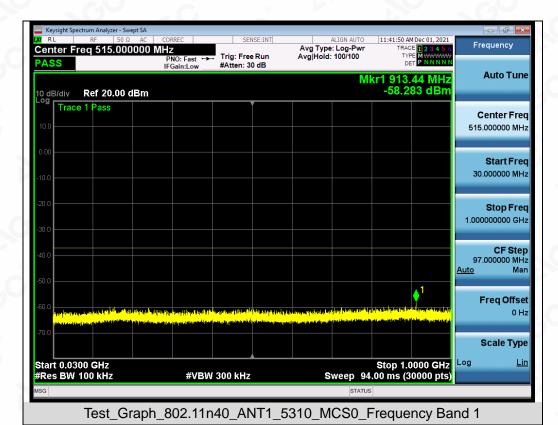






Test_Graph_802.11n40_ANT1_5270_MCS0_Frequency Band 4

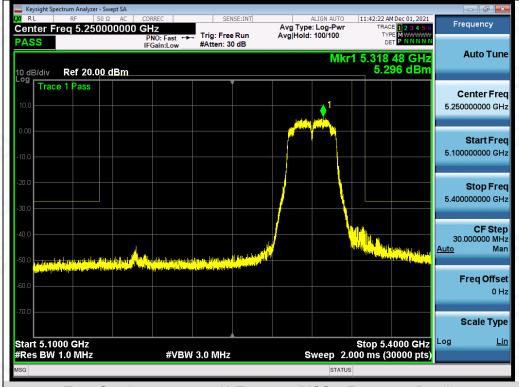


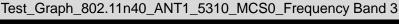




Test_Graph_802.11n40_ANT1_5310_MCS0_Frequency Band 2

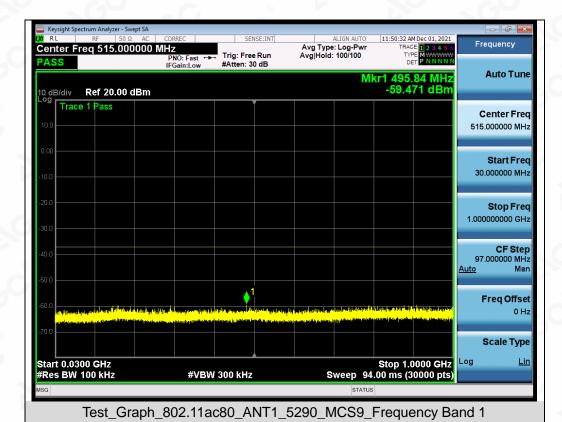








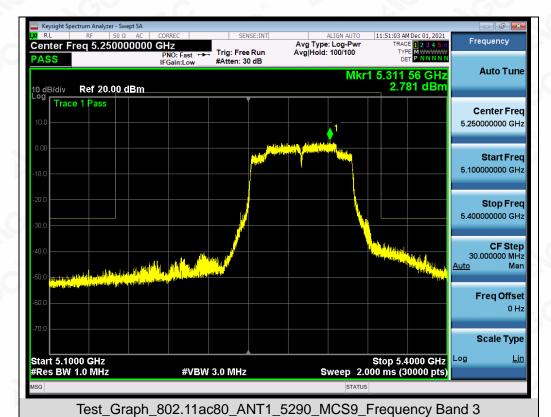






Test_Graph_802.11ac80_ANT1_5290_MCS9_Frequency Band 2



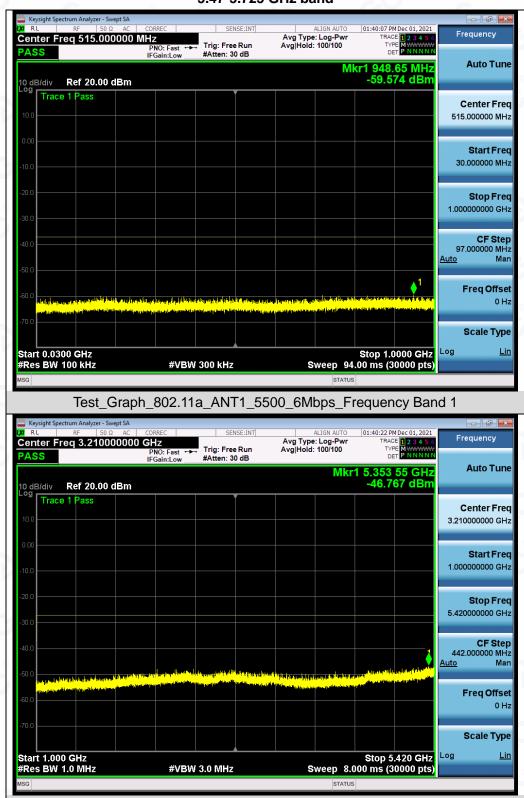


Avg Type: Log-Pw Avg|Hold: 100/100 Center Freq 16.200000000 GHz Trig: Free Run #Atten: 30 dB **Auto Tune** Mkr1 25.711 2 GHz -37.186 dBm 0 dB/div Ref 20.00 dBm Trace 1 Center Freq 16.200000000 GHz Start Freq 5.400000000 GHz Stop Freq 27.000000000 GHz **CF Step** 2.160000000 GHz Freq Offset Scale Type Start 5.40 GHz #Res BW 1.0 MHz Stop 27.00 GHz Sweep 56.00 ms (30000 pts) **#VBW 3.0 MHz**

Test_Graph_802.11ac80_ANT1_5290_MCS9_Frequency Band 4



Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.47-5.725 GHz band



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Test_Graph_802.11a_ANT1_5500_6Mbps_Frequency Band 2



