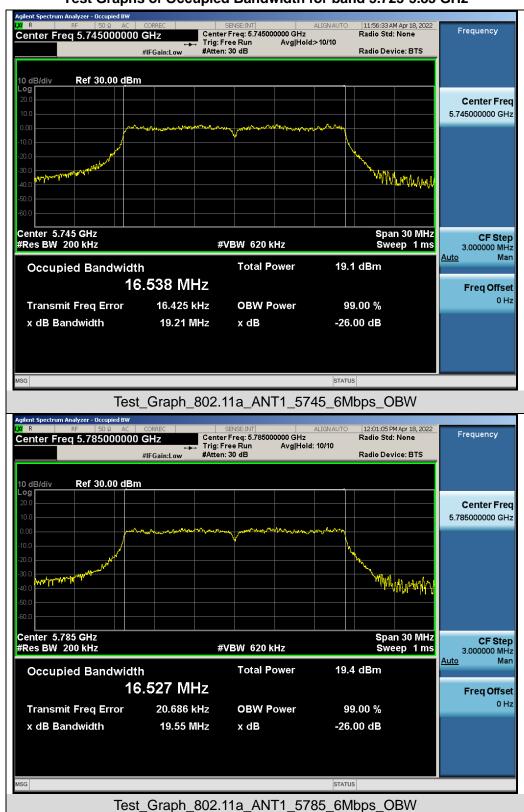


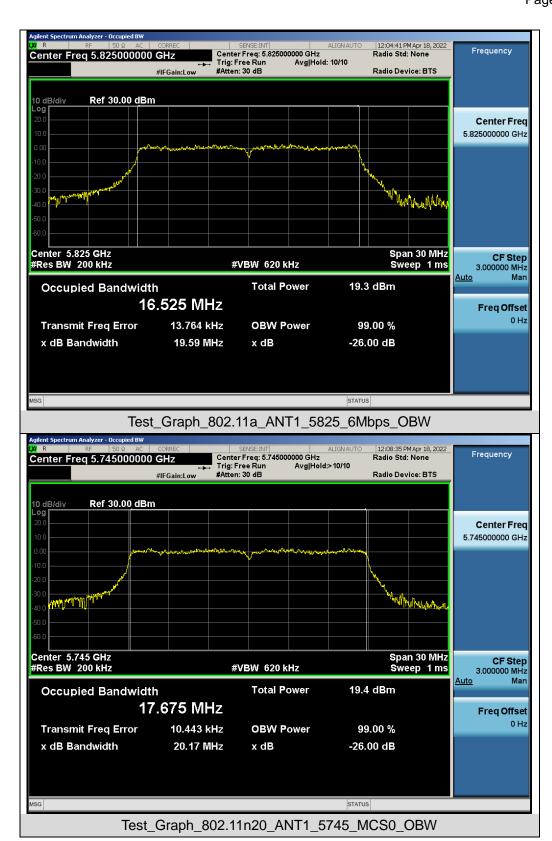


Test Graphs of Occupied Bandwidth for band 5.725-5.85 GHz

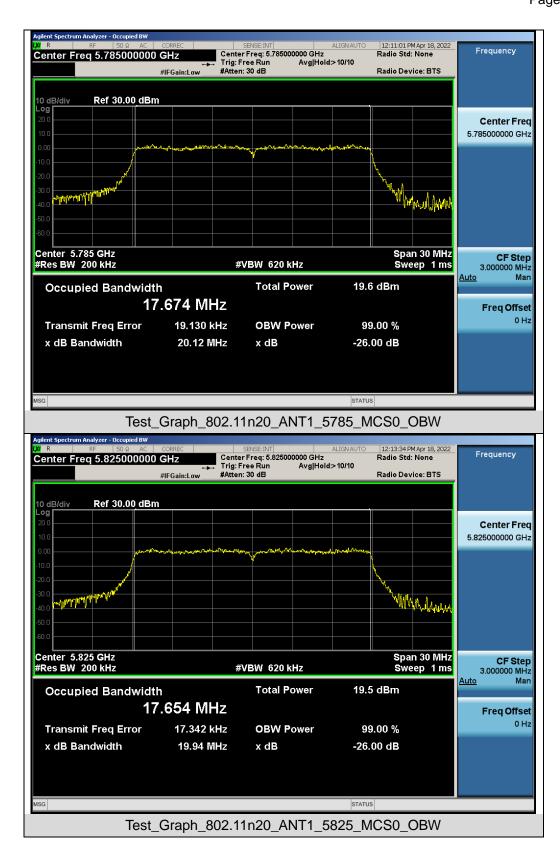


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

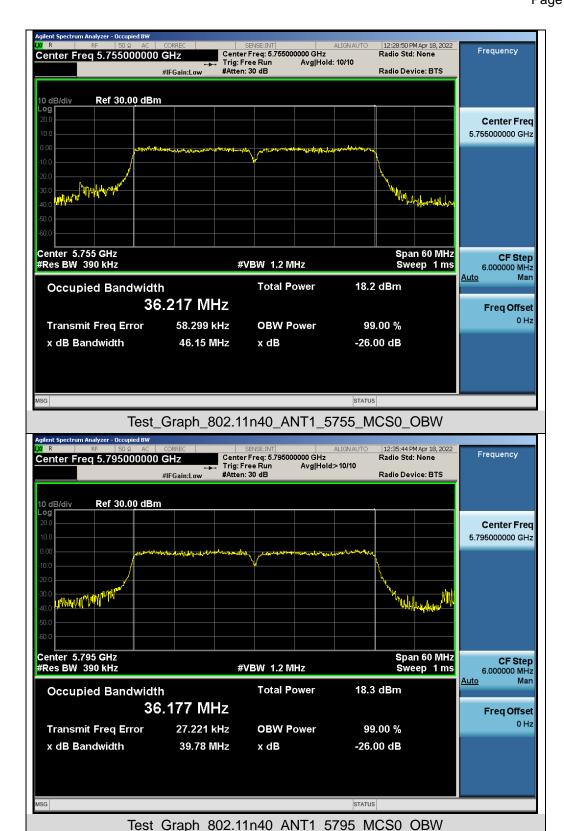




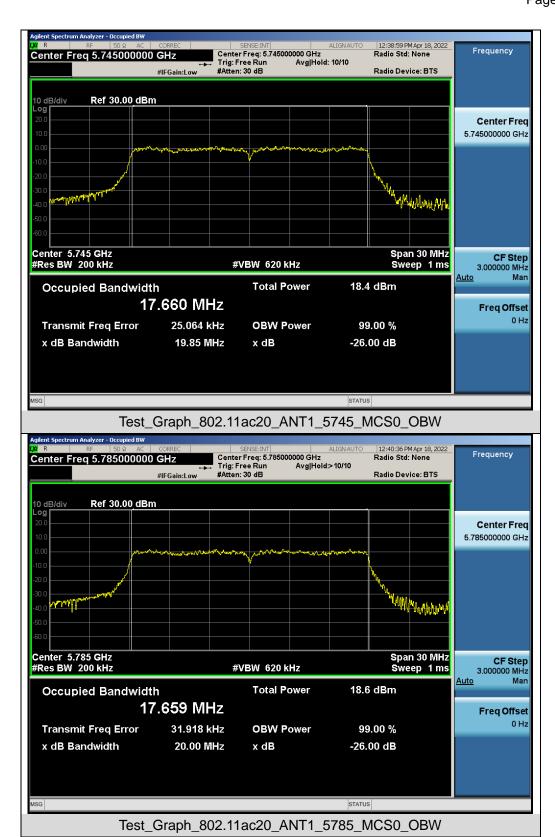




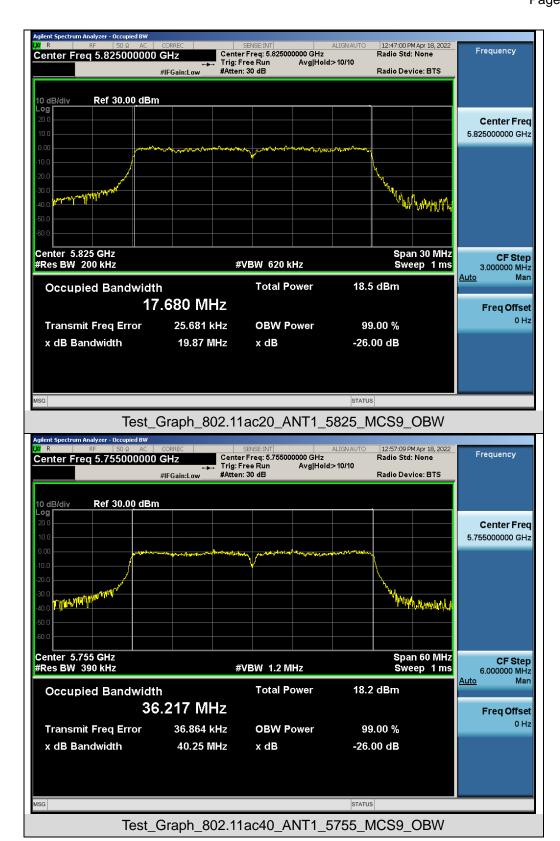




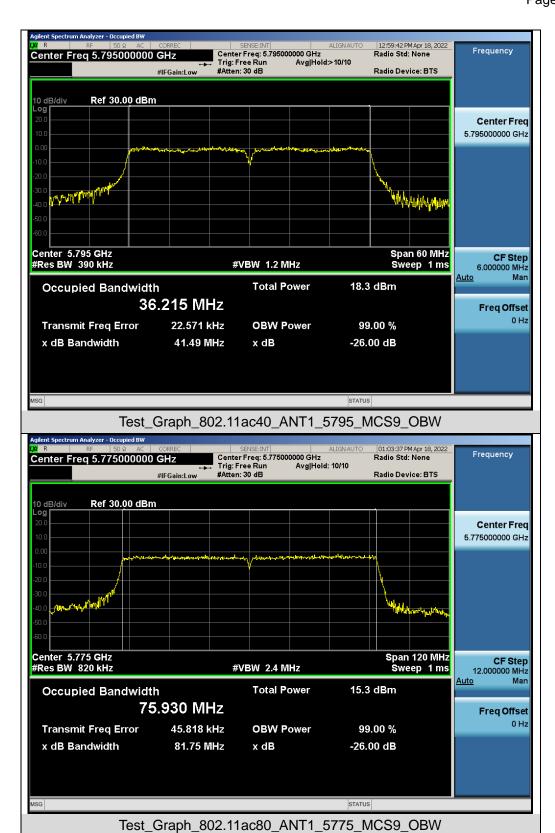






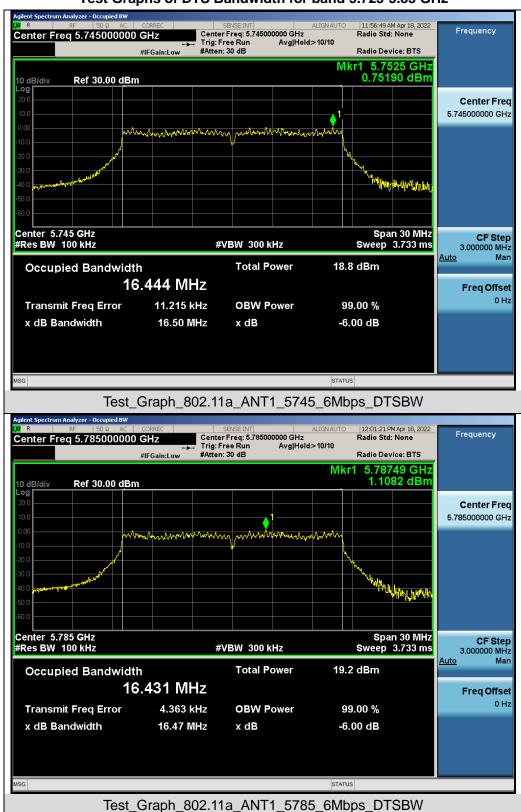






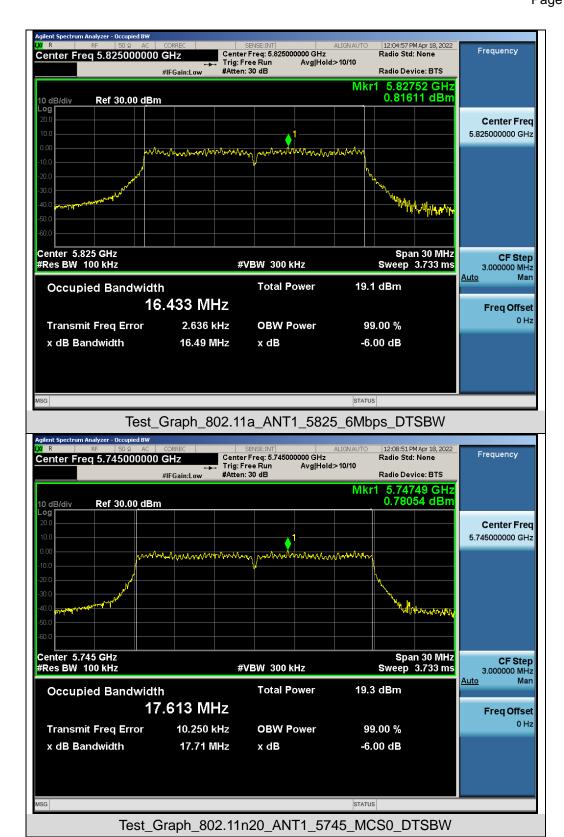


Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz

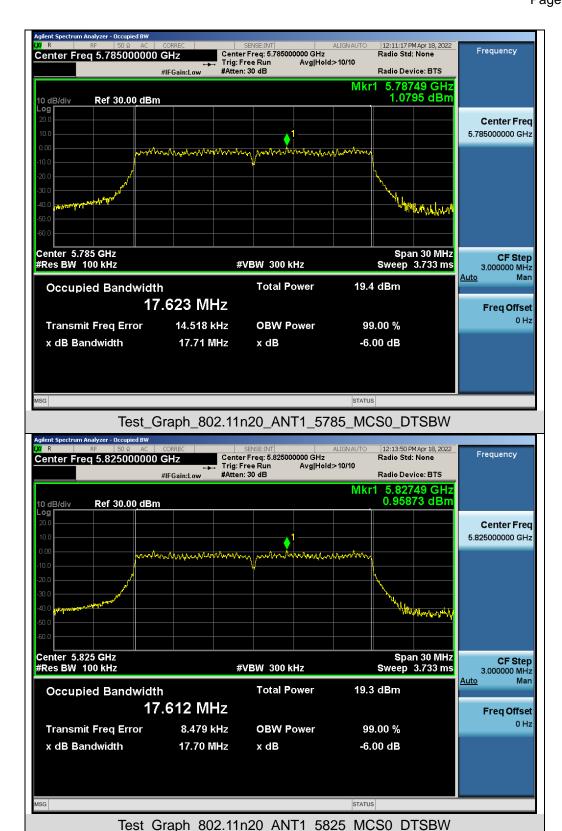


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

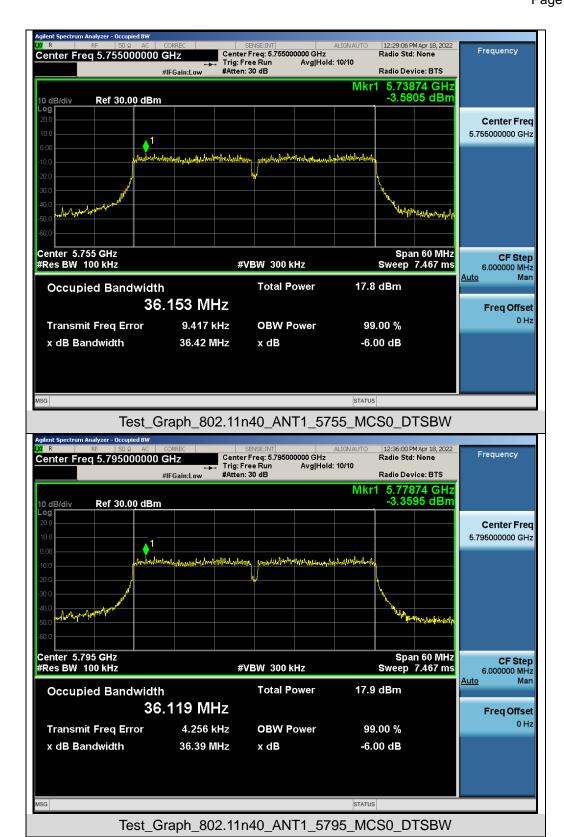




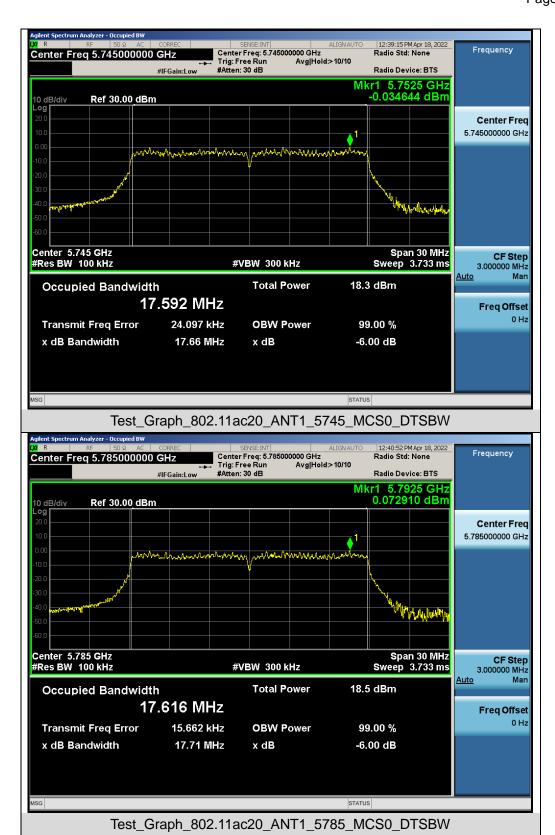




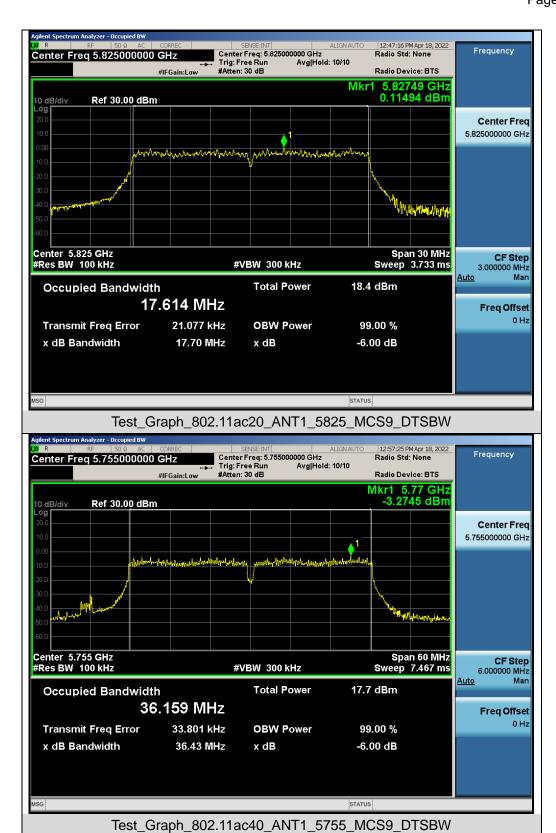




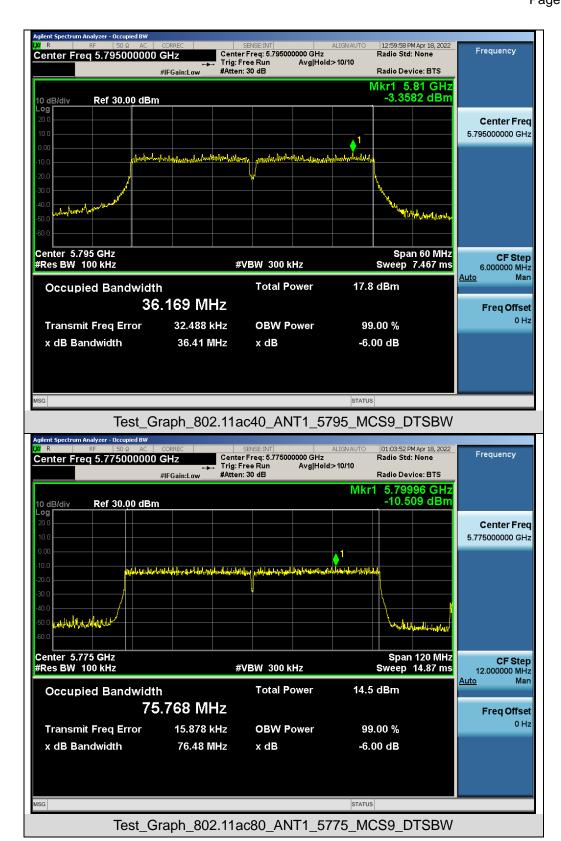














Report No.: AGC10232220302FE06

Page 58 of 190

9. MAXIMUM CONDUCTED OUTPUT AVERAGE POWER SPECTRAL DENSITY

9.1. MEASUREMENT PROCEDURE

Refer to KDB 789033 section F

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

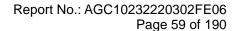
Refer to Section 8.2.

9.3. MEASUREMENT EQUIPMENT USED

Refer to Section 6.

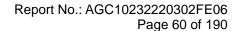
9.4. LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power Density for band 5.15-5.25 GHz					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5180	4.700	11	Pass	
802.11a	5200	4.804	11	Pass	
	5240	4.849	11	Pass	
	5180	4.034	11	Pass	
802.11n20	5200	4.622	11	Pass	
	5240	4.716	11	Pass	
802.11n40	5190	1.710	11	Pass	
	5230	1.322	11	Pass	
	5180	3.471	11	Pass	
802.11ac20	5200	3.717	11	Pass	
	5240	2.539	11	Pass	
802.11ac40	5190	1.890	11	Pass	
	5230	2.002	11	Pass	
802.11ac80	5210	-2.957	11	Pass	



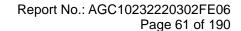


Test Data of Conducted Output Power Density for band 5.25-5.35 GHz					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5260	4.423	11	Pass	
802.11a	5300	5.420	11	Pass	
	5320	5.219	11	Pass	
	5260	4.235	11	Pass	
802.11n20	5300	4.653	11	Pass	
	5320	4.771	11	Pass	
802.11n40	5270	2.065	11	Pass	
	5310	2.033	11	Pass	
	5260	4.106	11	Pass	
802.11ac20	5300	4.512	11	Pass	
	5320	4.640	11	Pass	
802.11ac40	5270	1.215	11	Pass	
	5310	1.973	11	Pass	
802.11ac80	5290	-2.727	11	Pass	





Test Data of Conducted Output Power Density for band 5.47-5.725 GHz					
Test Mode	Test Channel (MHz)	annel Average Power Density L		Pass or Fail	
	5500	3.260	11	Pass	
802.11a	5600	2.794	11	Pass	
	5700	2.860	11	Pass	
	5500	2.611	11	Pass	
802.11n20	5600	2.285	11	Pass	
	5700	2.695	11	Pass	
	5510	-0.457	11	Pass	
802.11n40	5590	-0.575	11	Pass	
	5670	-0.653	11	Pass	
	5500	2.071	11	Pass	
802.11ac20	5600	1.691	11	Pass	
	5700	1.664	11	Pass	
	5510	0.178	11	Pass	
802.11ac40	5590	-0.348	11	Pass	
	5670	-0.018	11	Pass	
802.11ac80	5530	-4.298	11	Pass	
	5610	-4.594	11	Pass	





Test Data of Conducted Output Power Density for band 5.725-5.85 GHz						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail	
	5745	-5.889	1.101	30	Pass	
802.11a	5785	-5.713	1.277	30	Pass	
	5825	-5.825	1.165	30	Pass	
802.11n20	5745	-6.110	0.880	30	Pass	
	5785	-5.836	1.154	30	Pass	
	5825	-6.558	0.432	30	Pass	
802.11n40	5755	-8.793	-1.803	30	Pass	
	5795	-8.648	-1.658	30	Pass	
	5745	-7.174	-0.184	30	Pass	
802.11ac20	5785	-6.851	0.139	30	Pass	
	5825	-6.537	0.453	30	Pass	
802.11ac40	5755	-7.860	-0.870	30	Pass	
	5795	-8.063	-1.073	30	Pass	
802.11ac80	5775	-12.450	-5.460	30	Pass	

Note:1. Power density(dBm/500kHz) = Power density(dBm/100kHz) +10*log(500/100).

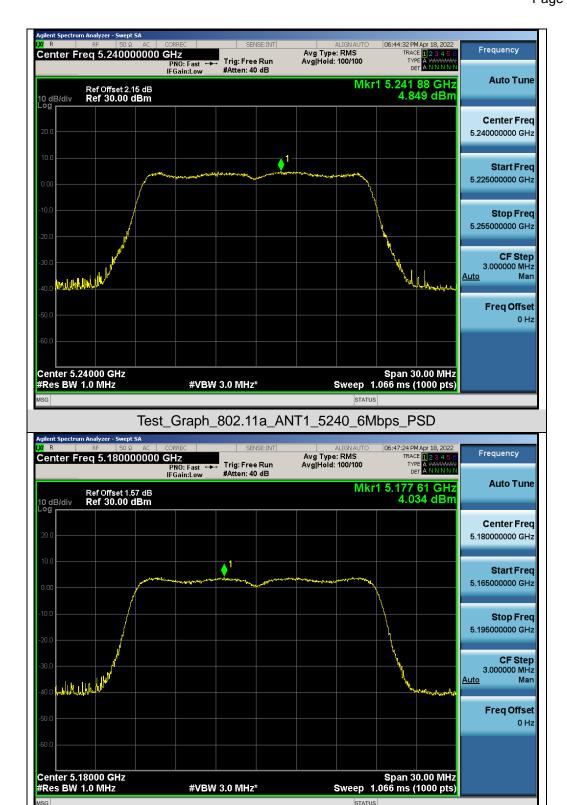


Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.



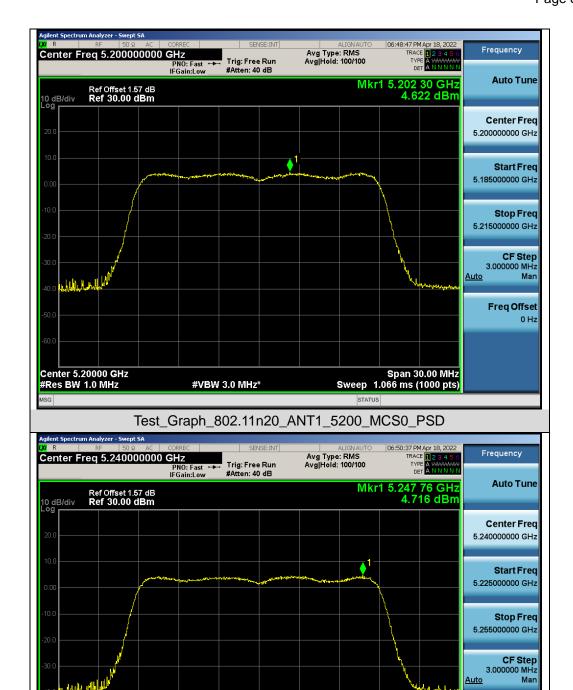


Test_Graph_802.11n20_ANT1_5180_MCS0_PSD

Freq Offset

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





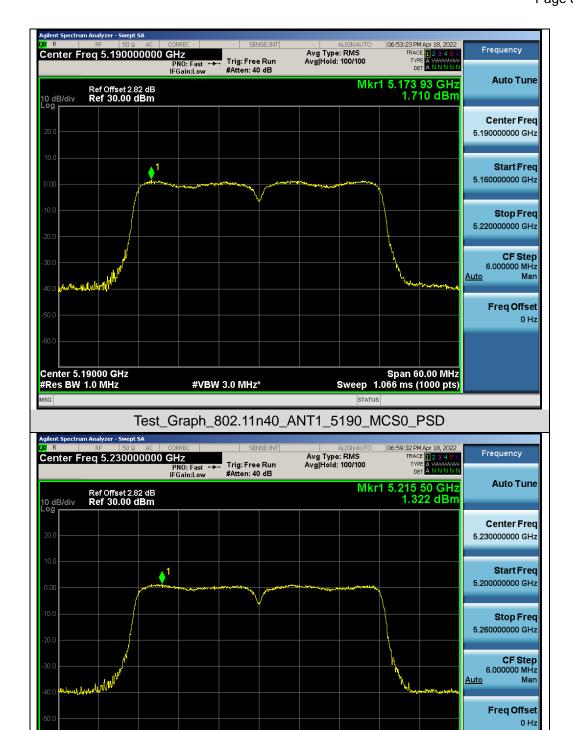
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11n20_ANT1_5240_MCS0_PSD

#VBW 3.0 MHz*

Center 5.24000 GHz #Res BW 1.0 MHz





Test_Graph_802.11n40_ANT1_5230_MCS0_PSD

#VBW 3.0 MHz*

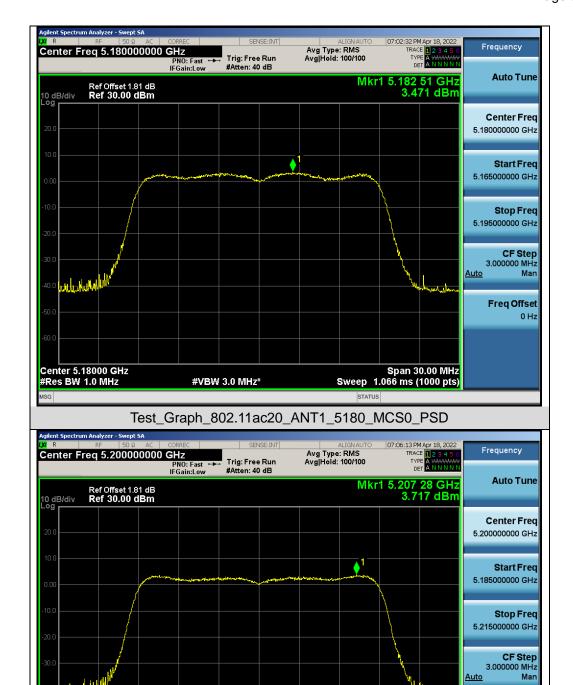
Span 60.00 MHz Sweep 1.066 ms (1000 pts)

Center 5.23000 GHz #Res BW 1.0 MHz

Freq Offset

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





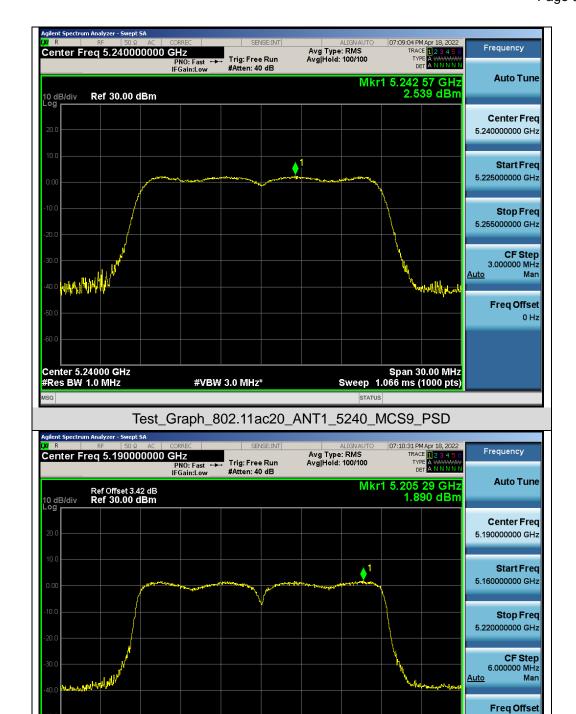
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11ac20_ANT1_5200_MCS0_PSD

#VBW 3.0 MHz*

Center 5.20000 GHz #Res BW 1.0 MHz





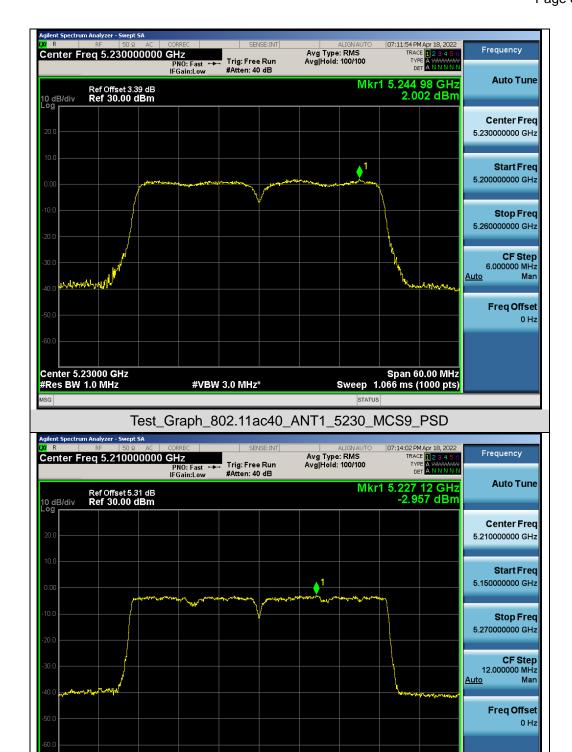
Test_Graph_802.11ac40_ANT1_5190_MCS9_PSD

#VBW 3.0 MHz*

Span 60.00 MHz Sweep 1.066 ms (1000 pts)

Center 5.19000 GHz #Res BW 1.0 MHz





Test_Graph_802.11ac80_ANT1_5210_MCS9_PSD

#VBW 3.0 MHz*

Span 120.0 MHz Sweep 1.066 ms (1000 pts)

Center 5.21000 GHz #Res BW 1.0 MHz



Test Graphs of Conducted Output Power Spectral Density for band 5.25-5.35 GHz



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11a_ANT1_5300_6Mbps_PSD

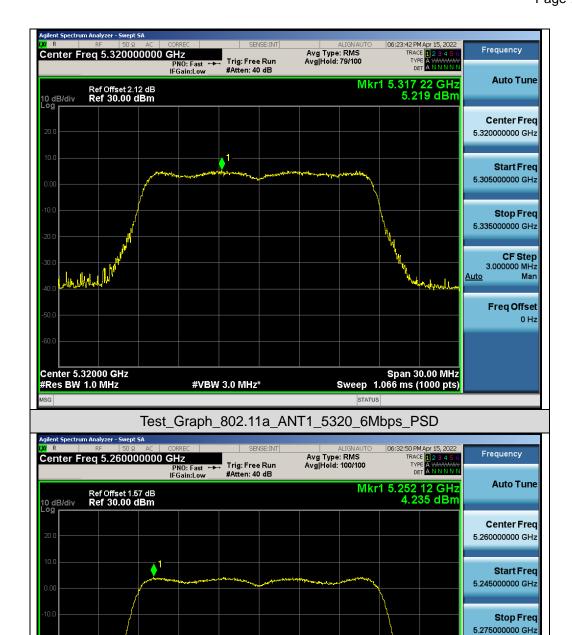
CF Step 3.000000 MHz Man

Freq Offset

<u>Auto</u>

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11n20_ANT1_5260_MCS0_PSD

#VBW 3.0 MHz*

Center 5.26000 GHz #Res BW 1.0 MHz

Freq Offset

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

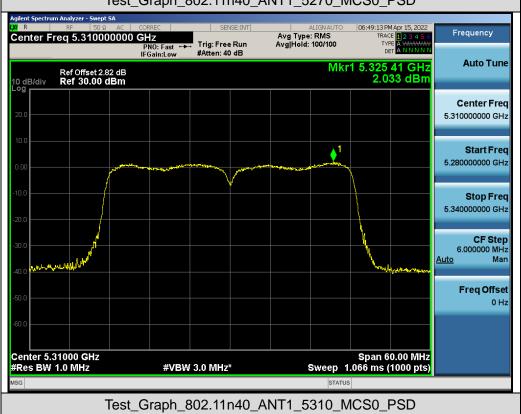
Test_Graph_802.11n20_ANT1_5320_MCS0_PSD

#VBW 3.0 MHz*

Center 5.32000 GHz #Res BW 1.0 MHz





















Test_Graph_802.11ac80_ANT1_5290_MCS9_PSD

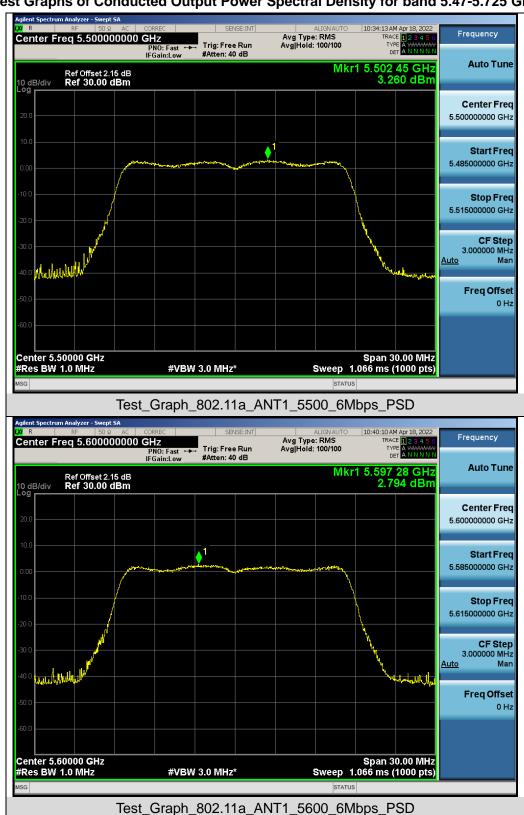
#VBW 3.0 MHz*

Span 120.0 MHz Sweep 1.066 ms (1000 pts)

Center 5.29000 GHz #Res BW 1.0 MHz



Test Graphs of Conducted Output Power Spectral Density for band 5.47-5.725 GHz

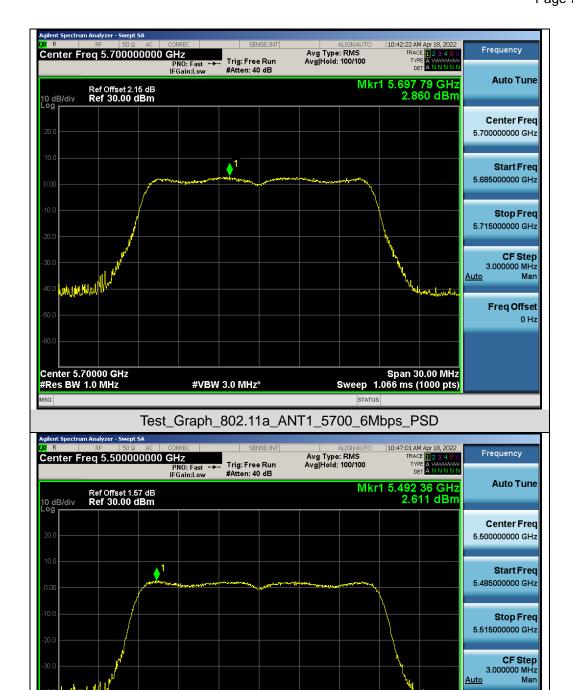


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Freq Offset

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





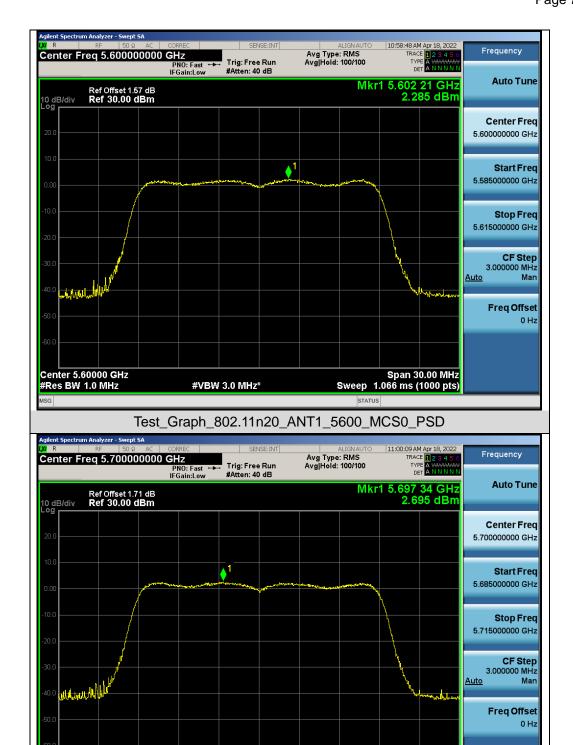
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11n20_ANT1_5500_MCS0_PSD

#VBW 3.0 MHz*

Center 5.50000 GHz #Res BW 1.0 MHz





Test_Graph_802.11n20_ANT1_5700_MCS0_PSD

#VBW 3.0 MHz*

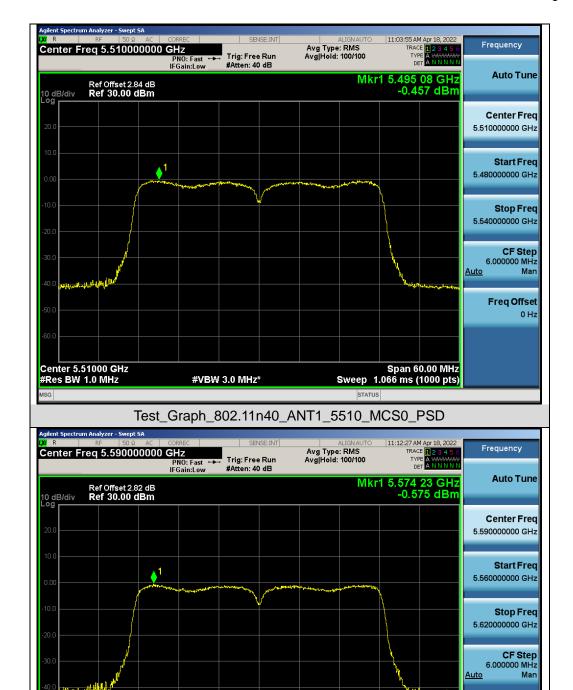
Span 30.00 MHz Sweep 1.066 ms (1000 pts)

Center 5.70000 GHz #Res BW 1.0 MHz

Freq Offset

Span 60.00 MHz Sweep 1.066 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11n40_ANT1_5590_MCS0_PSD

#VBW 3.0 MHz*

Center 5.59000 GHz #Res BW 1.0 MHz

Freq Offset

Span 30.00 MHz Sweep 1.066 ms (1000 pts)





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test_Graph_802.11ac20_ANT1_5500_MCS0_PSD

#VBW 3.0 MHz*

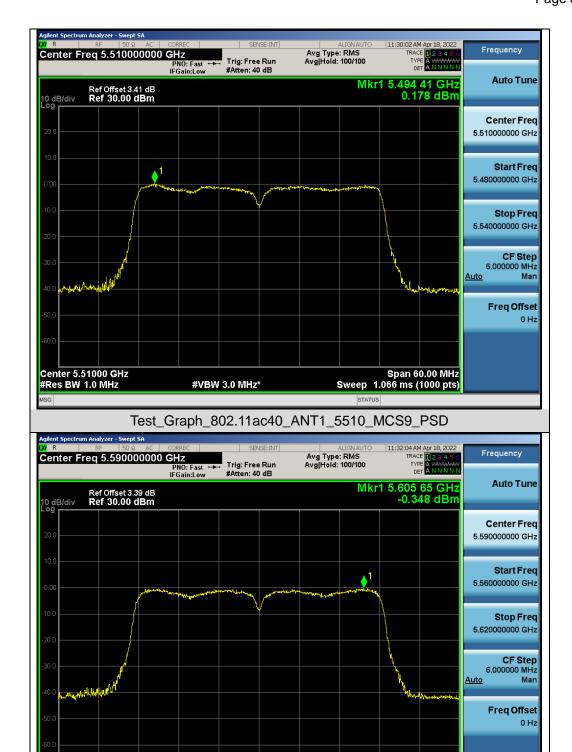
Center 5.50000 GHz #Res BW 1.0 MHz





Test_Graph_802.11ac20_ANT1_5700_MCS9_PSD





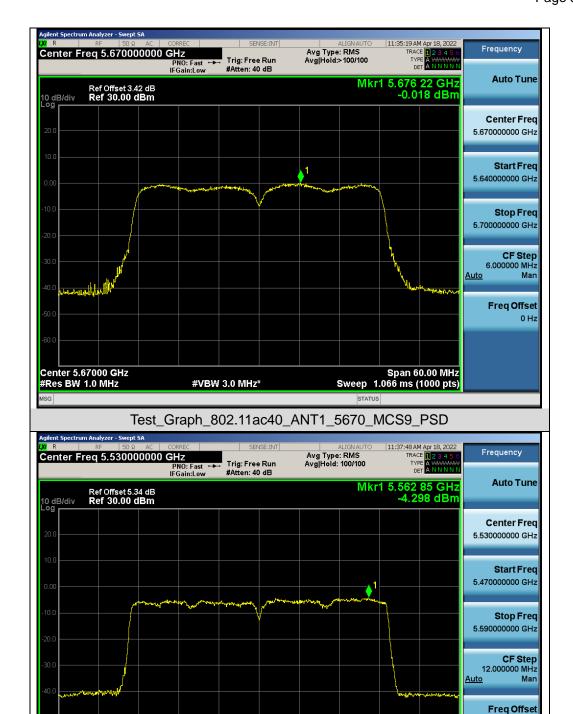
Test_Graph_802.11ac40_ANT1_5590_MCS9_PSD

#VBW 3.0 MHz*

Span 60.00 MHz Sweep 1.066 ms (1000 pts)

Center 5.59000 GHz #Res BW 1.0 MHz





Test_Graph_802.11ac80_ANT1_5530_MCS9_PSD

#VBW 3.0 MHz*

Span 120.0 MHz Sweep 1.066 ms (1000 pts)

Center 5.53000 GHz #Res BW 1.0 MHz



