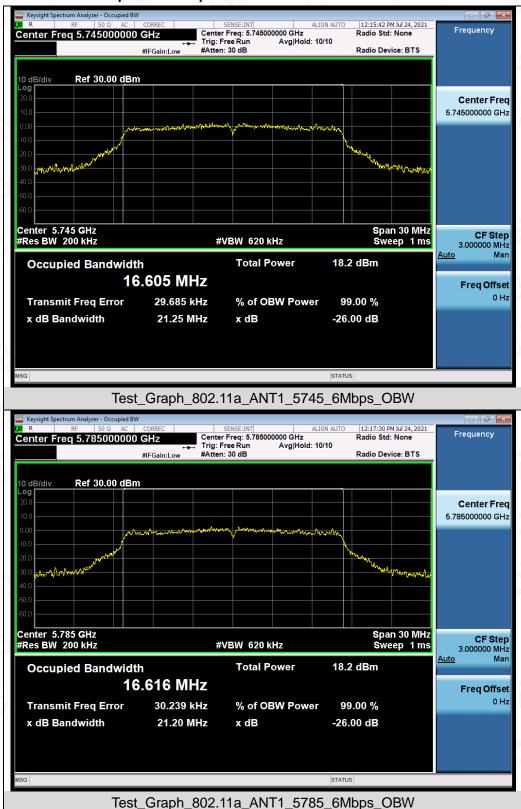
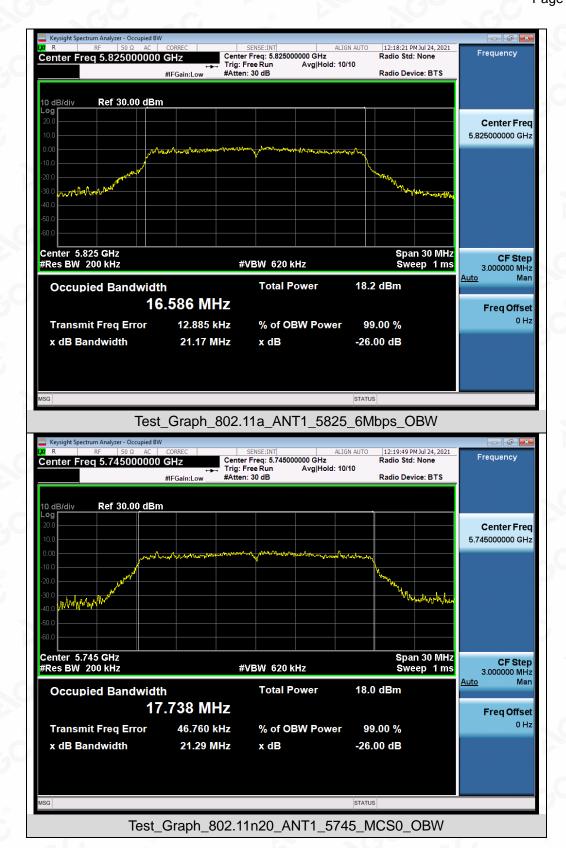


### Test Graphs of Occupied Bandwidth for band 5.725-5.85 GHz

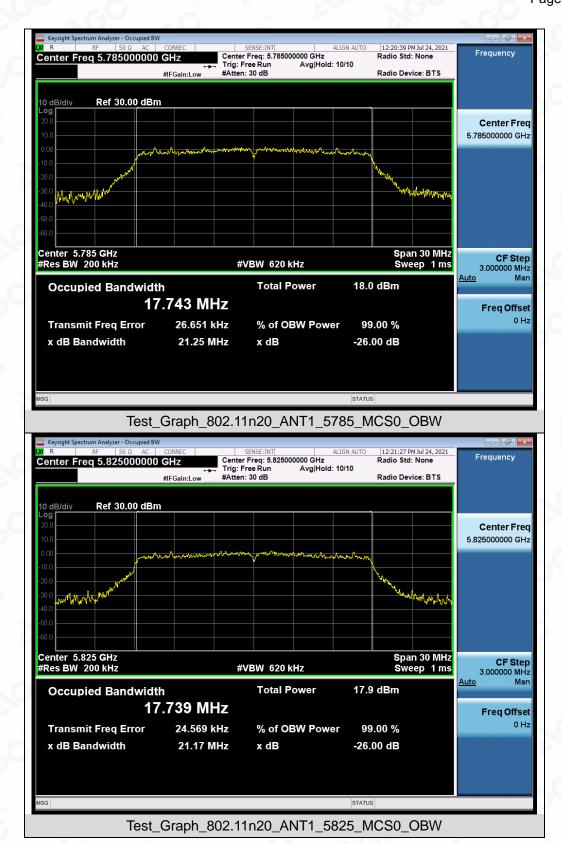


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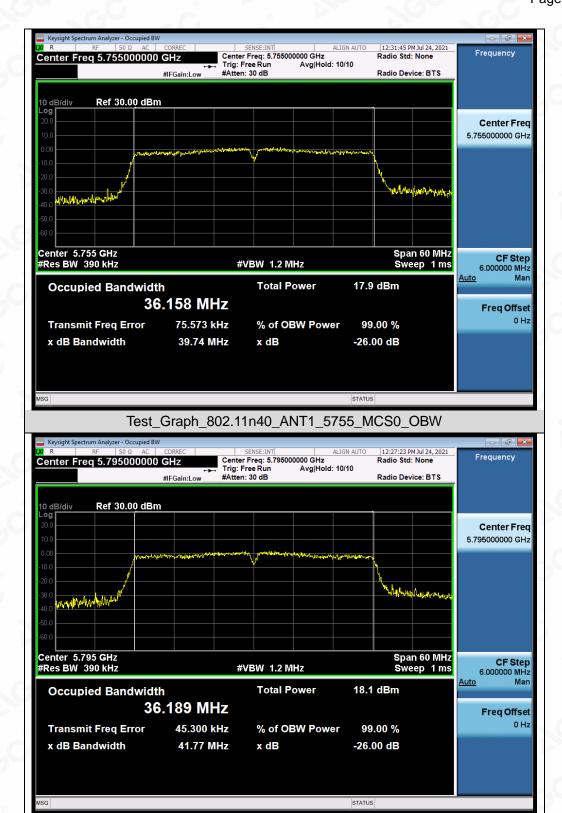






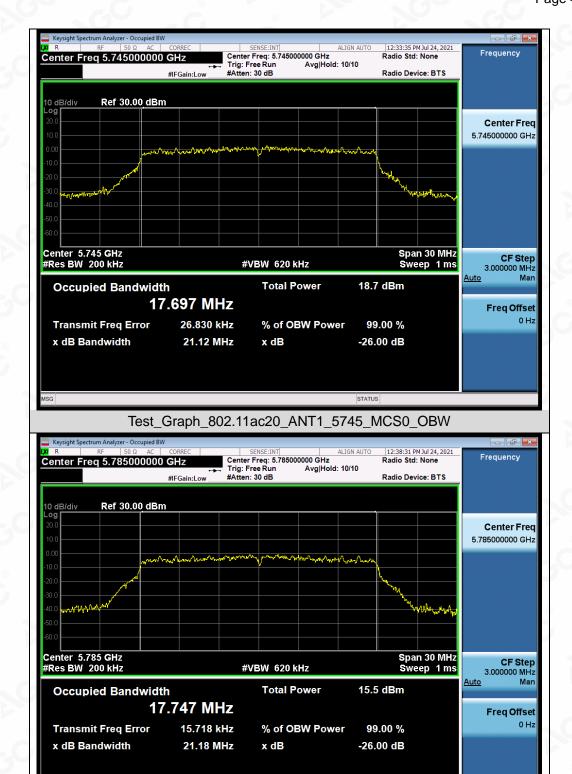






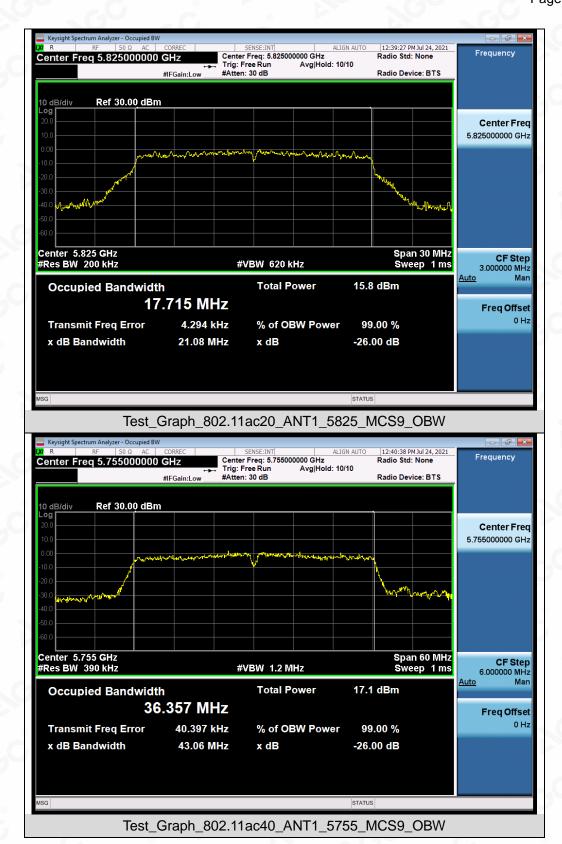
Test\_Graph\_802.11n40\_ANT1\_5795\_MCS0\_OBW



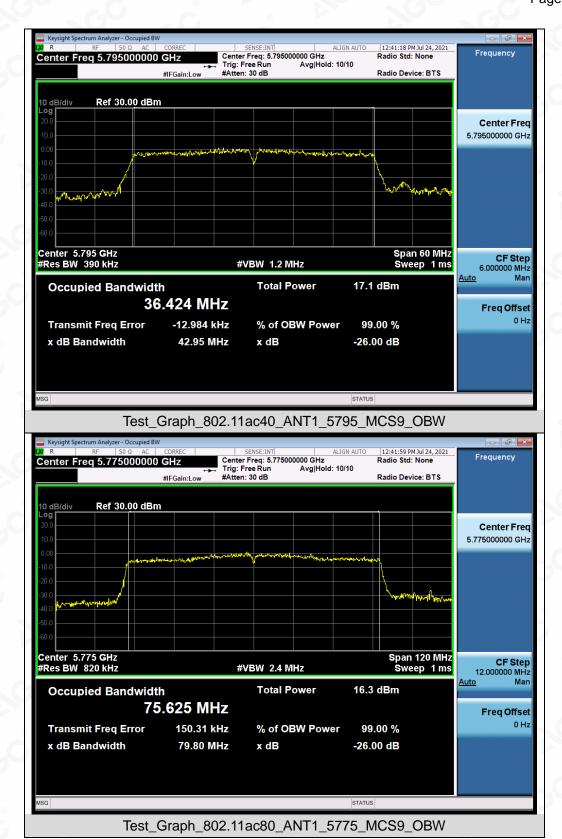


Test\_Graph\_802.11ac20\_ANT1\_5785\_MCS0\_OBW



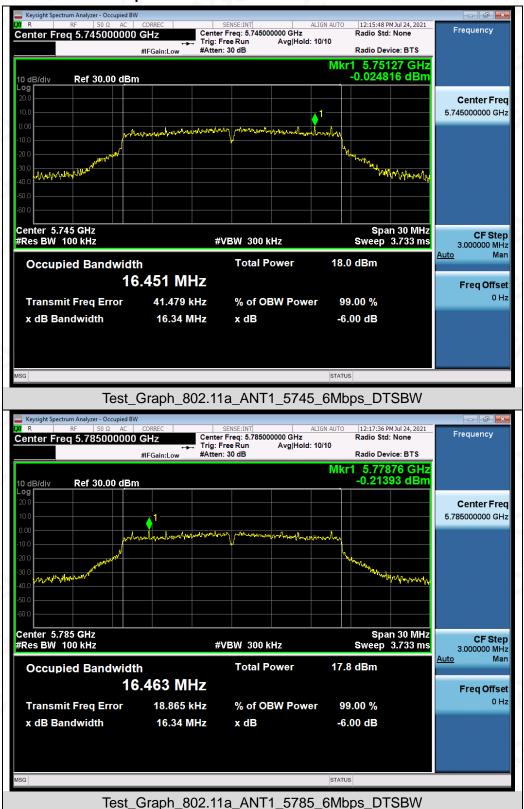








# Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz

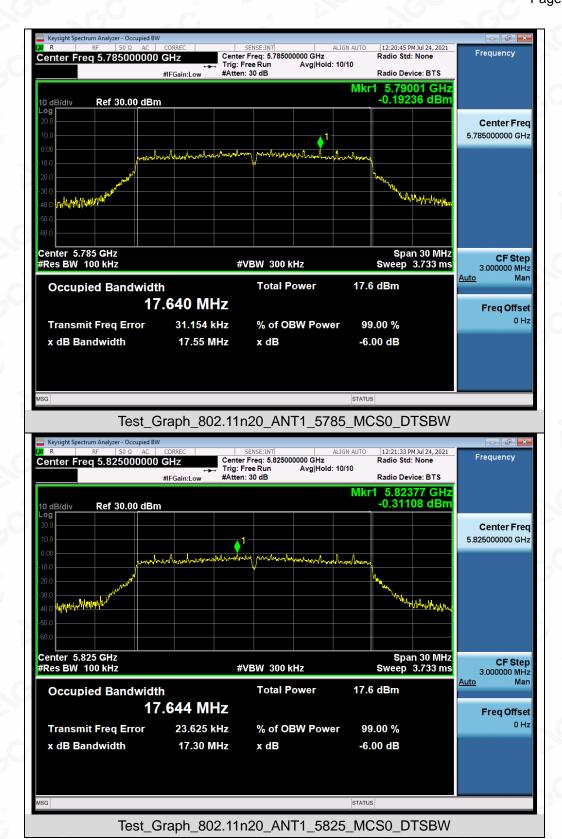


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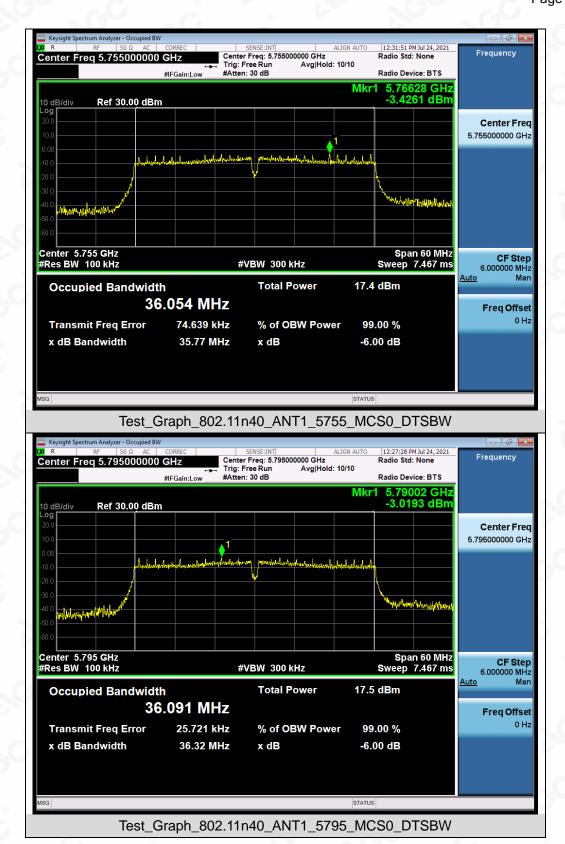












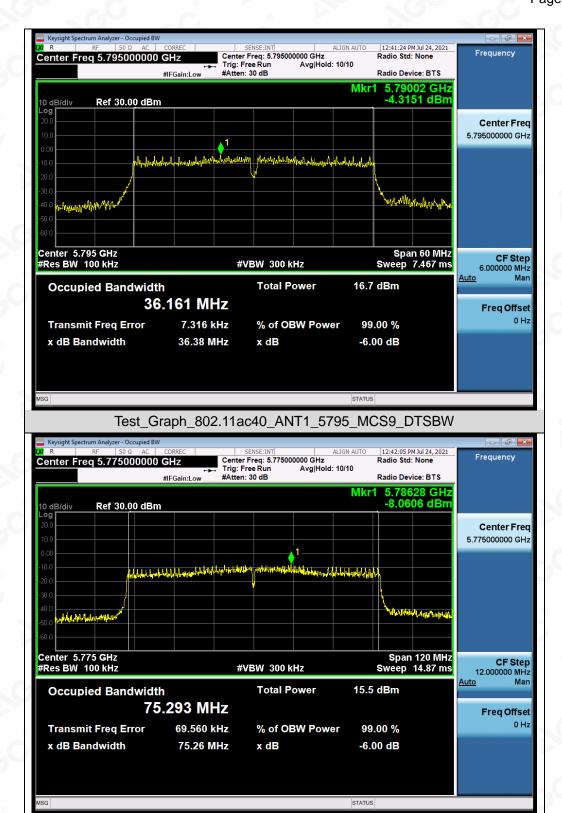












Test\_Graph\_802.11ac80\_ANT1\_5775\_MCS9\_DTSBW



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# 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.

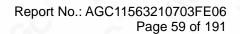
### 9.3. MEASUREMENT EQUIPMENT USED

Refer to Section 6.

#### 9.4. LIMITS AND MEASUREMENT RESULT

	<b>Test Data of Conduct</b>	ed Output Power Density for band	5.15-5.25 GHz	
Test Mode	Test Channel Average Power Density (MHz) (dBm/MHz)		Limits (dBm/MHz)	Pass or Fail
	5180	2.212	11	Pass
802.11a	5200	2.651	11	Pass
	5240	2.930	11	Pass
802.11n20	5180	1.590	11	Pass
	5200	1.820	11	Pass
	5240	2.333	11	Pass
802.11n40	5190	1.531	11	Pass
	5230	2.238	11	Pass
802.11ac20	5180	0.511	11	Pass
	5200	3.164	11	Pass
	5240	3.621	11	Pass
802.11ac40	5190	-4.017	11	Pass
	5230	-4.245	11	Pass
802.11ac80	5210	-4.710		Pass

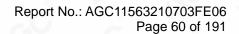
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Test Data of Conducted Output Power Density for band 5.25-5.35 GHz					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail	
	5260	3.243	11	Pass	
802.11a	5300	3.107	11	Pass	
	5320	3.009	11	Pass	
802.11n20	5260	2.490	11	Pass	
	5300	2.526	11	Pass	
	5320	2.384	11	Pass	
802.11n40	5270	-0.802	11	Pass	
	5310	-0.802	11	Pass	
802.11ac20	5260	2.161	11	Pass	
	5300	1.878	11	Pass	
	5320	1.182	11	Pass	
802.11ac40	5270	-1.030	11	Pass	
	5310	-0.754	11	Pass	
802.11ac80	5290	-5.301	11	Pass	

Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
802.11a	5500	1.569	11	Pass
	5600	3.478	11	Pass
	5700	2.887	11	Pass
802.11n20	5500	0.964	11	Pass
	5600	2.747	11	Pass
	5700	2.283	11	Pass
802.11n40	5510	-2.009	11	Pass
	5590	-2.368	11	Pass
	5670	-1.088	11	Pass
802.11ac20	5500	1.442	11	Pass
	5600	2.169	11	Pass
	5700	3.464	11	Pass
802.11ac40	5510	-2.312	11	Pass
	5590	-1.804	11	Pass
	5670	-0.317	11	Pass
802.11ac80	5530	-4.491	11	Pass
	5610	-4.700	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	
- GO	5745	-6.123	0.867	30	Pass	
802.11a	5785	-6.107	0.883	30	Pass	
	5825	-5.986	1.004	30	Pass	
7,0	5745	-6.717	0.273	30	Pass	
802.11n20	5785	-6.733	0.257	30	Pass	
	5825	-6.836	0.154	30	Pass	
802.11n40	5755	-10.354	-3.364	30	Pass	
	5795	-10.009	-3.019	30	Pass	
802.11ac20	5745	-5.310	1.680	30	Pass	
	5785	-5.664	1.326	30	Pass	
	5825	-6.373	0.617	30	Pass	
802.11ac40	5755	-7.488	-0.496	30	Pass	
	5795	-7.997	-1.007	30	Pass	
802.11ac80	5775	-12.828	-5.838	30	Pass	

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

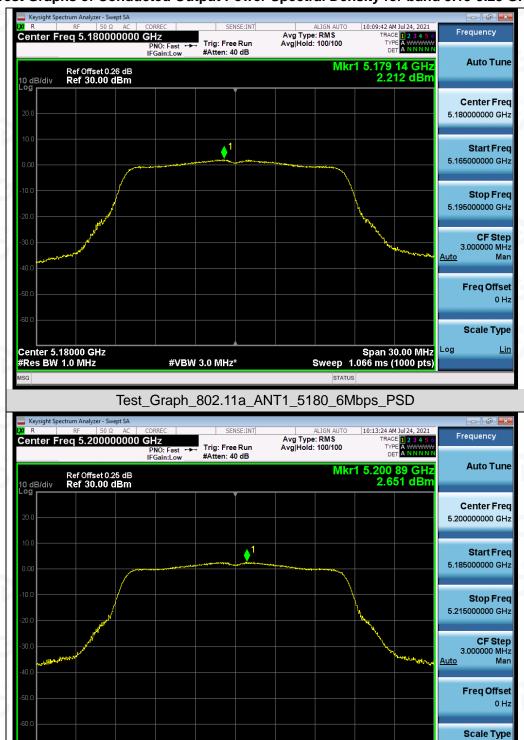
<u>Lin</u>

Span 30.00 MHz

Sweep 1.066 ms (1000 pts)



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



Test\_Graph\_802.11a\_ANT1\_5200\_6Mbps\_PSD

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#VBW 3.0 MHz\*

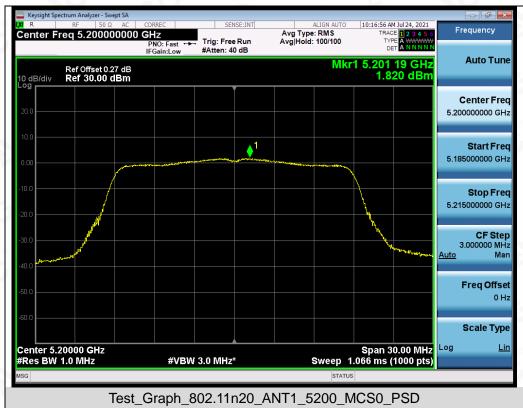
Center 5.20000 GHz #Res BW 1.0 MHz





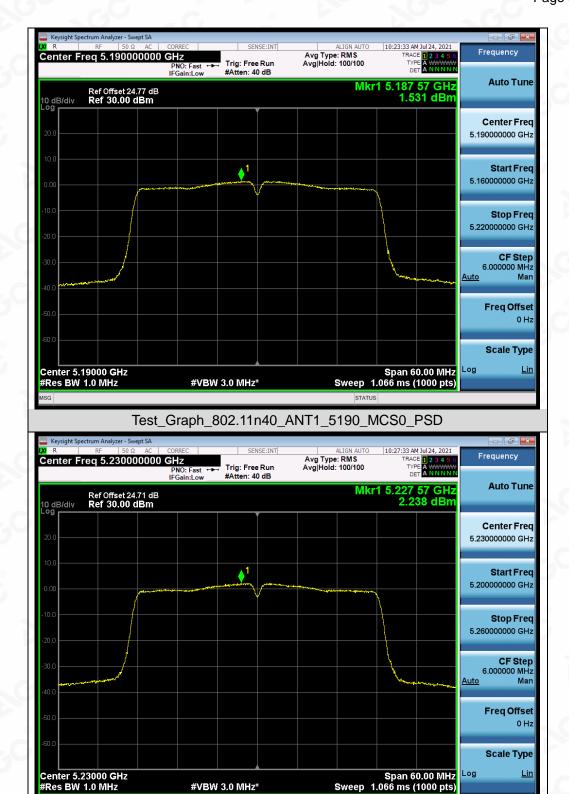












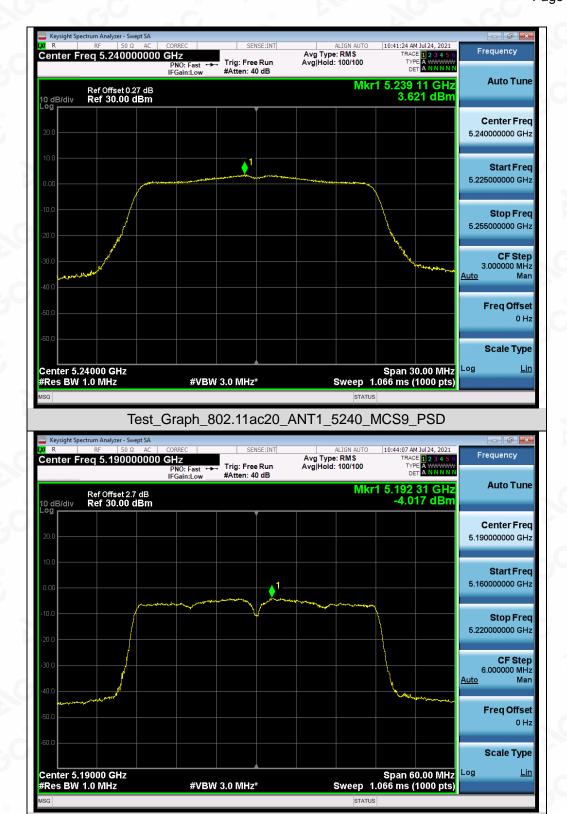
Test\_Graph\_802.11n40\_ANT1\_5230\_MCS0\_PSD





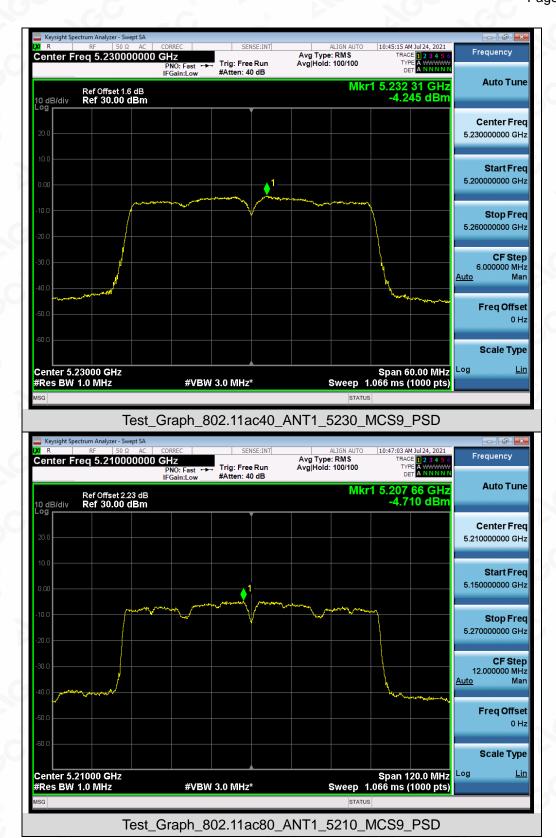






Test\_Graph\_802.11ac40\_ANT1\_5190\_MCS9\_PSD

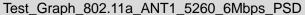






# Test Graphs of Conducted Output Power Spectral Density for band 5.25-5.35 GHz







Test\_Graph\_802.11a\_ANT1\_5300\_6Mbps\_PSD

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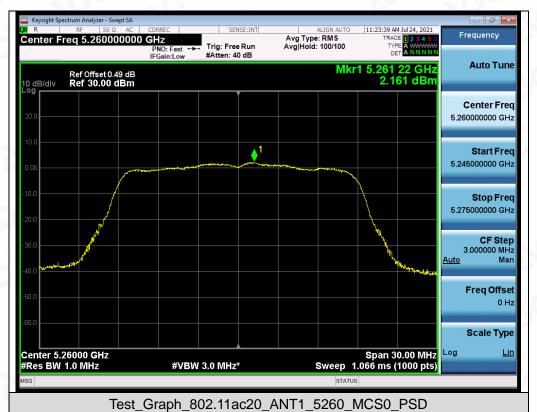




















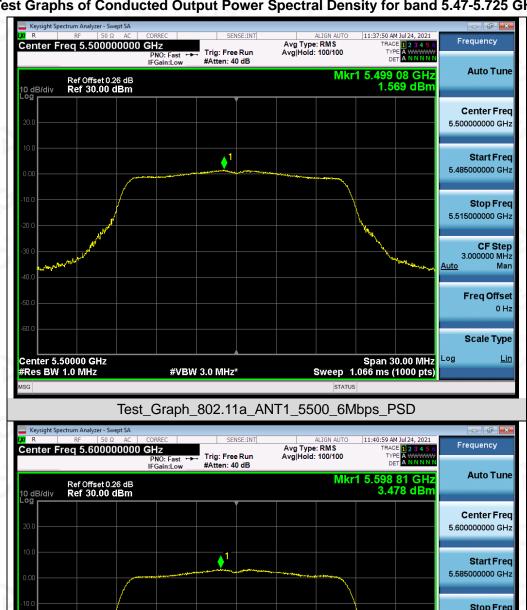








# Test Graphs of Conducted Output Power Spectral Density for band 5.47-5.725 GHz



Stop Freq 5.615000000 GHz **CF Step** 3.000000 MHz Freq Offset Scale Type Center 5.60000 GHz #Res BW 1.0 MHz <u>Lin</u> Span 30.00 MHz #VBW 3.0 MHz\* Sweep 1.066 ms (1000 pts) Test\_Graph\_802.11a\_ANT1\_5600\_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.

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