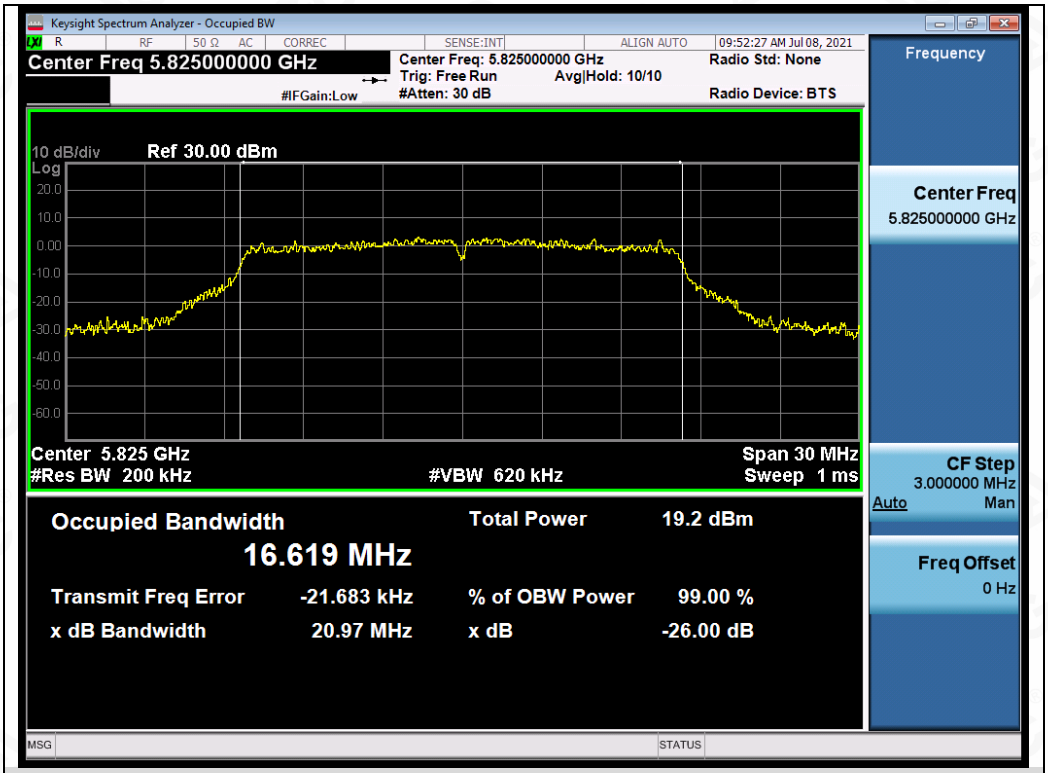
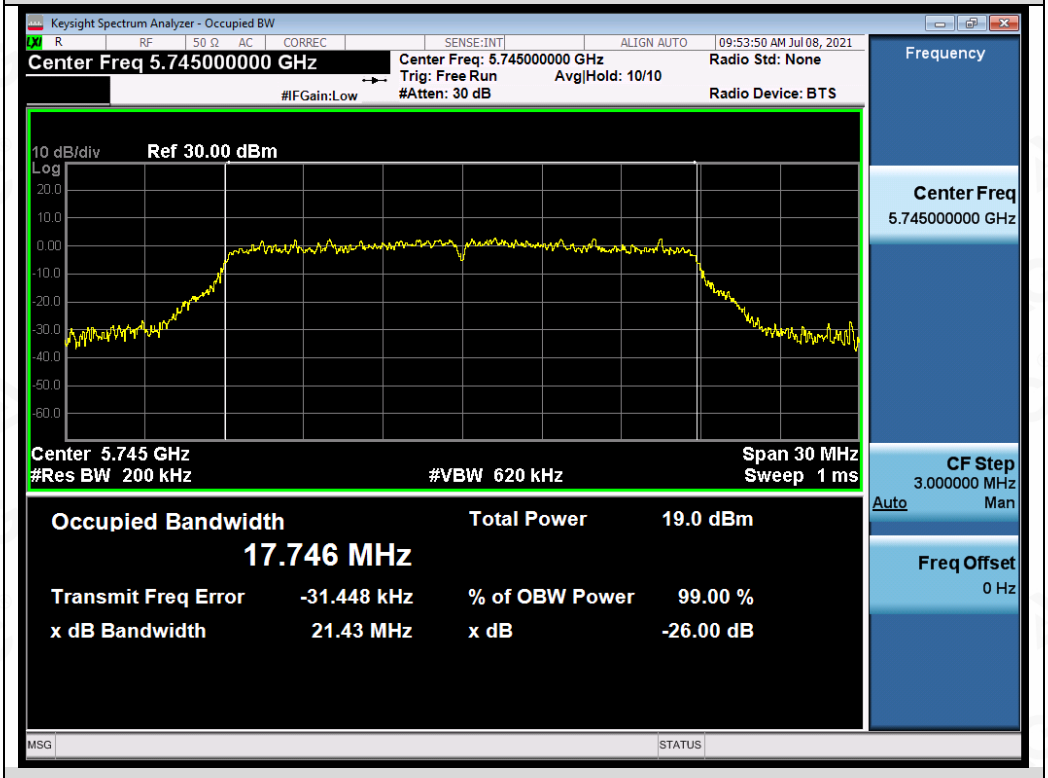
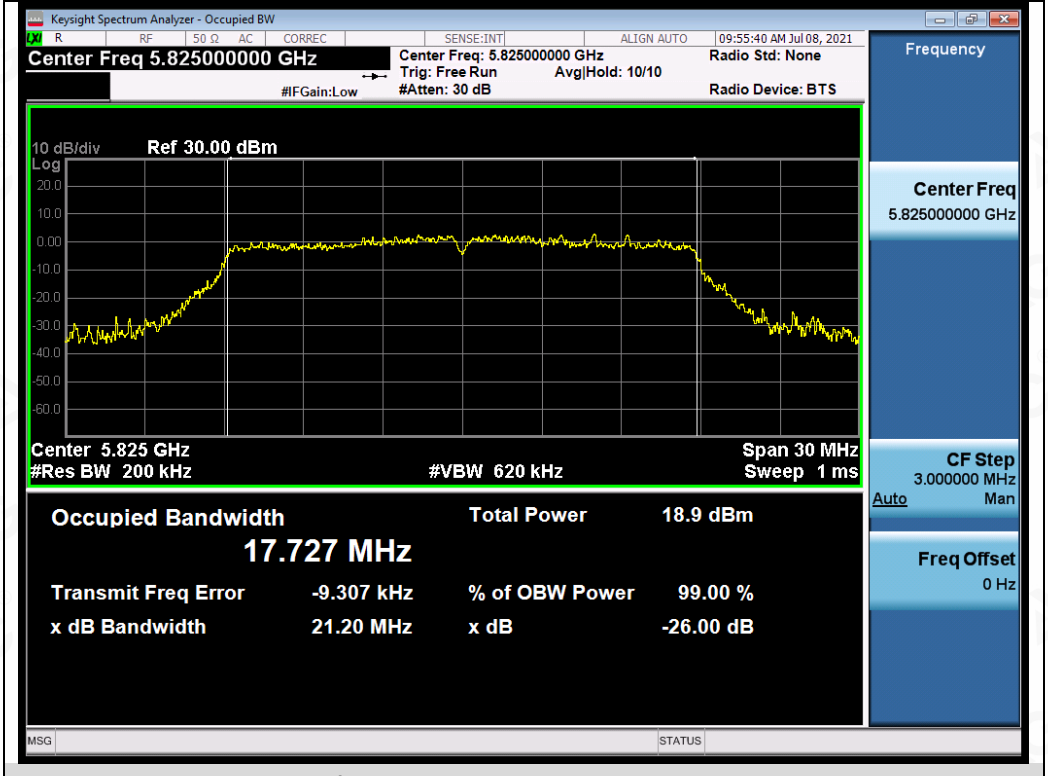


Test_Graph_802.11a_ANT1_5825_6Mbps_OBW



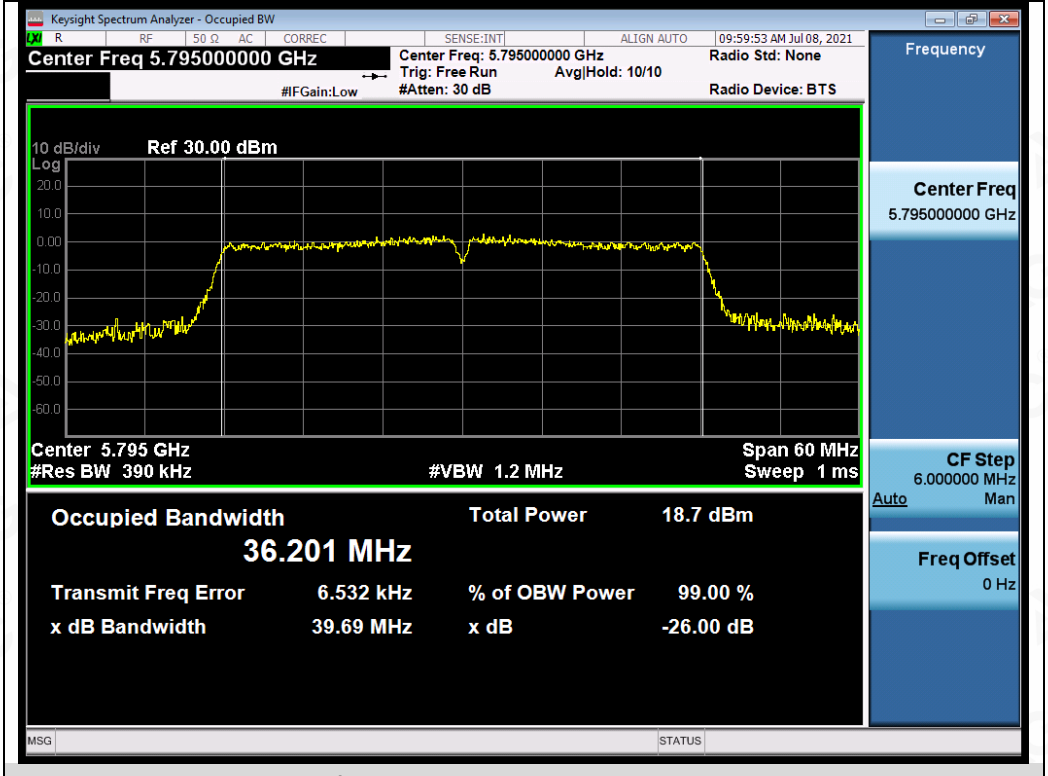
Test_Graph_802.11n20_ANT1_5745_MCS0_OBW

Test_Graph_802.11n20_ANT1_5785_MCS0_OBW

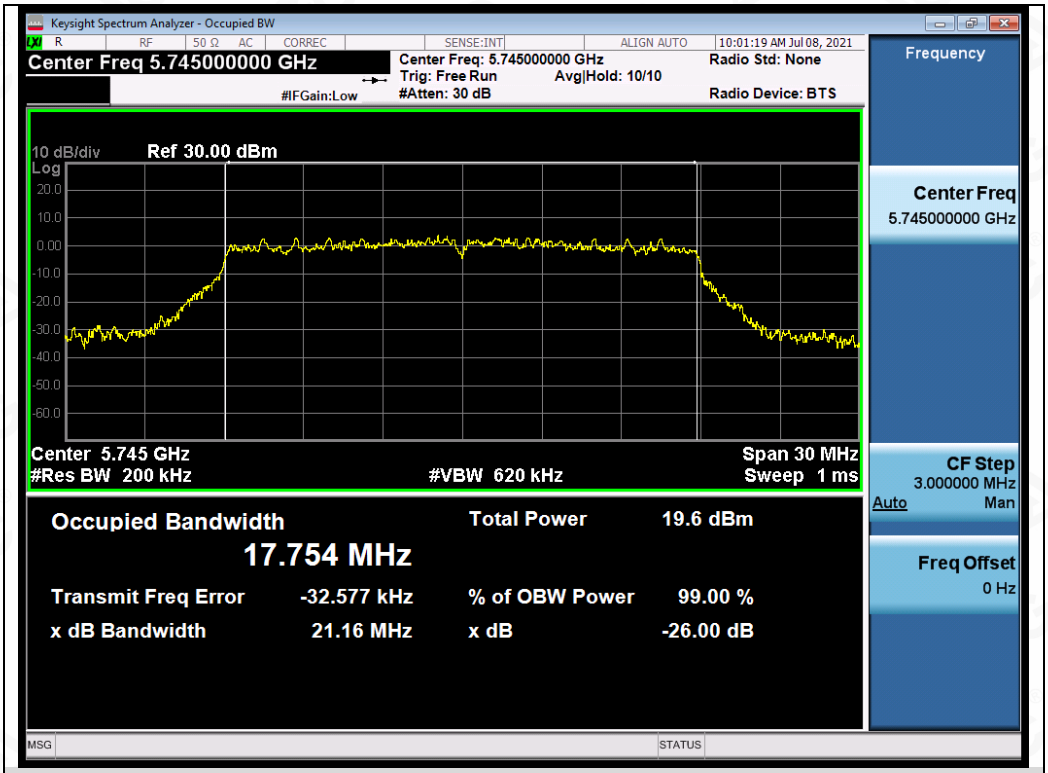


Test_Graph_802.11n20_ANT1_5825_MCS0_OBW

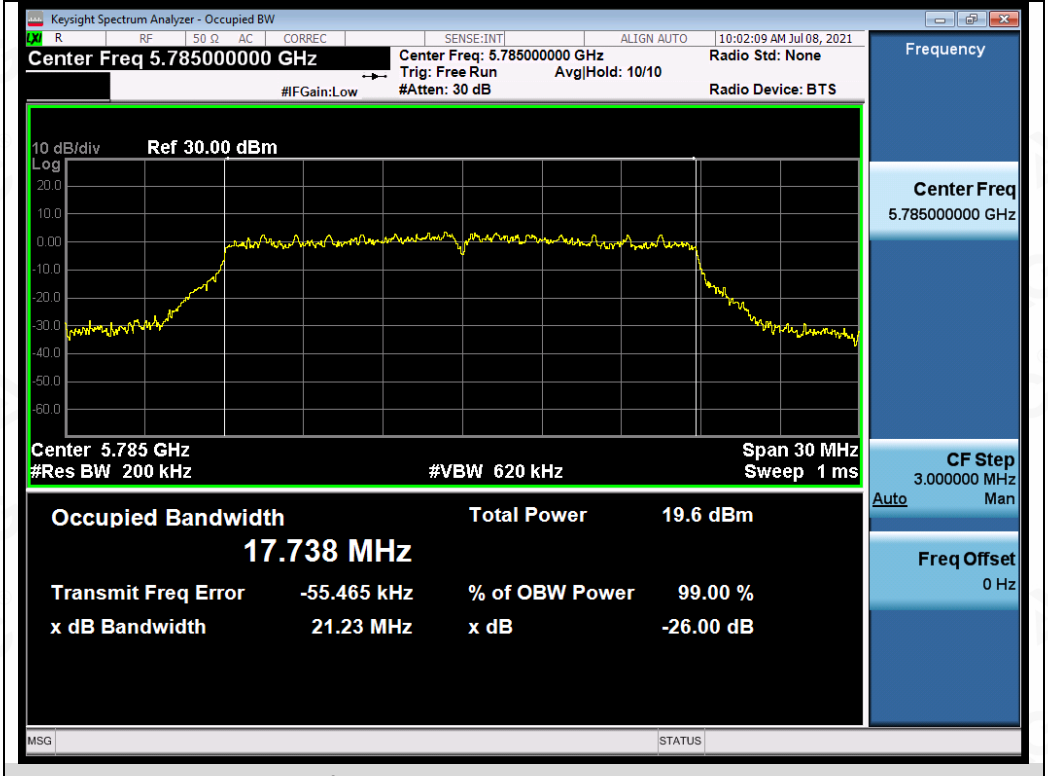
Test_Graph_802.11n40_ANT1_5755_MCS0_OBW



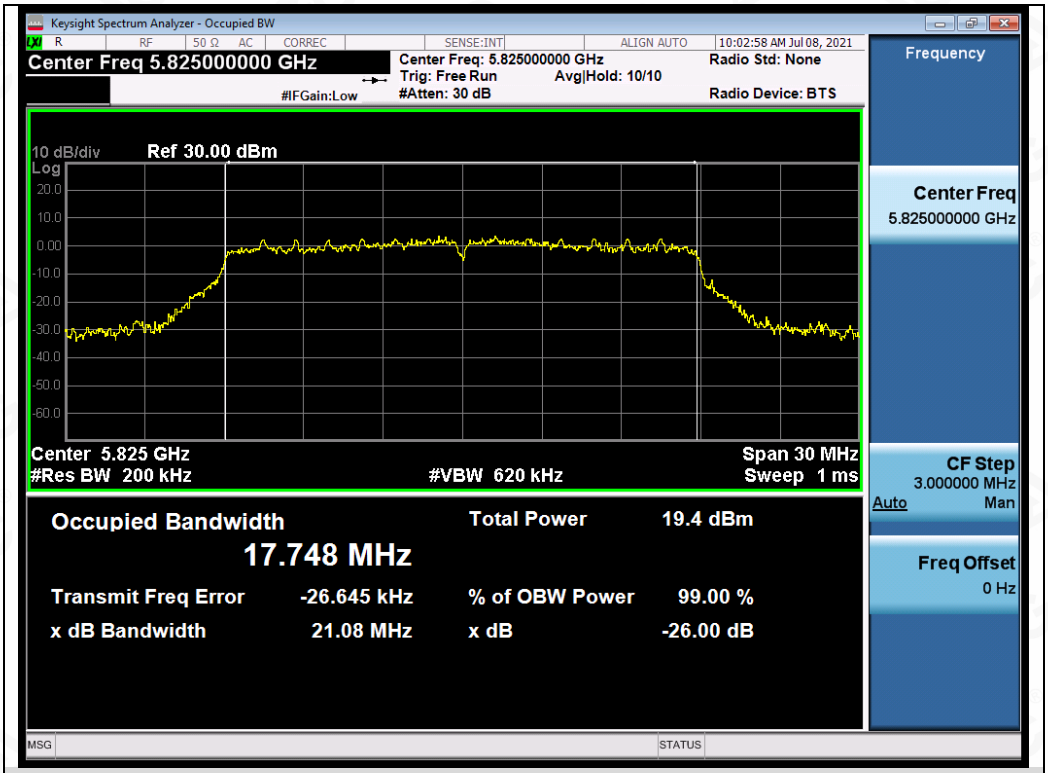
Test_Graph_802.11n40_ANT1_5795_MCS0_OBW



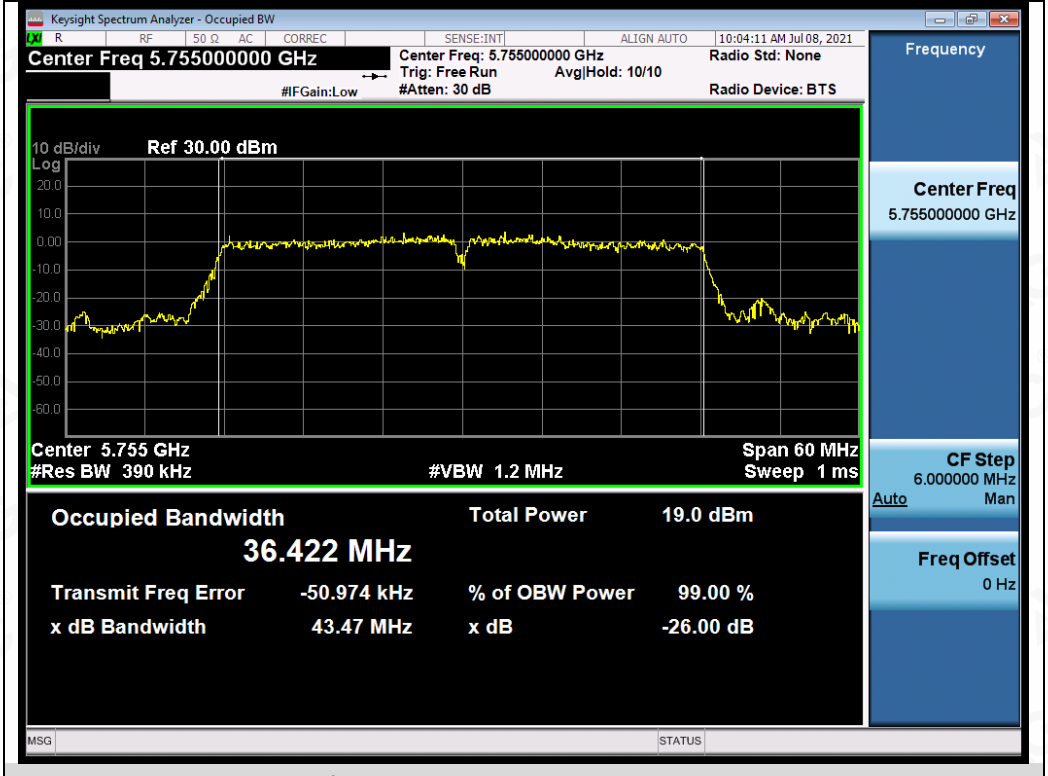
Test_Graph_802.11ac20_ANT1_5745_MCS0_OBW



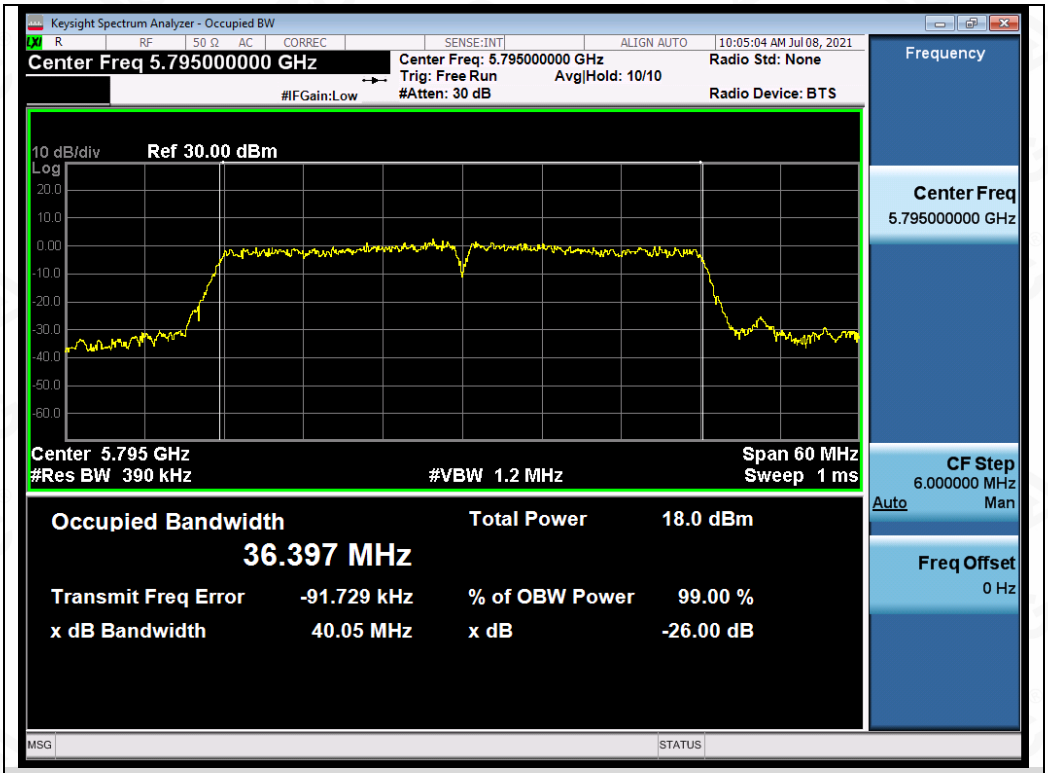
Test_Graph_802.11ac20_ANT1_5785_MCS0_OBW



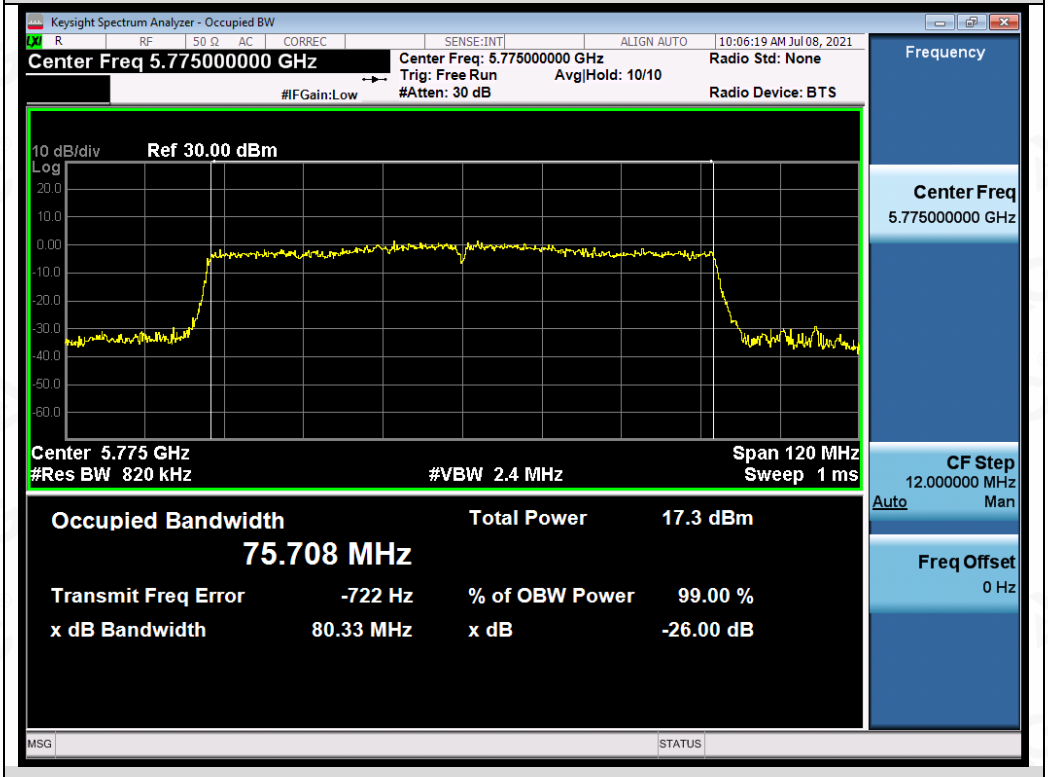
Test_Graph_802.11ac20_ANT1_5825_MCS9_OBW



Test_Graph_802.11ac40_ANT1_5755_MCS9_OBW



Test_Graph_802.11ac40_ANT1_5795_MCS9_OBW

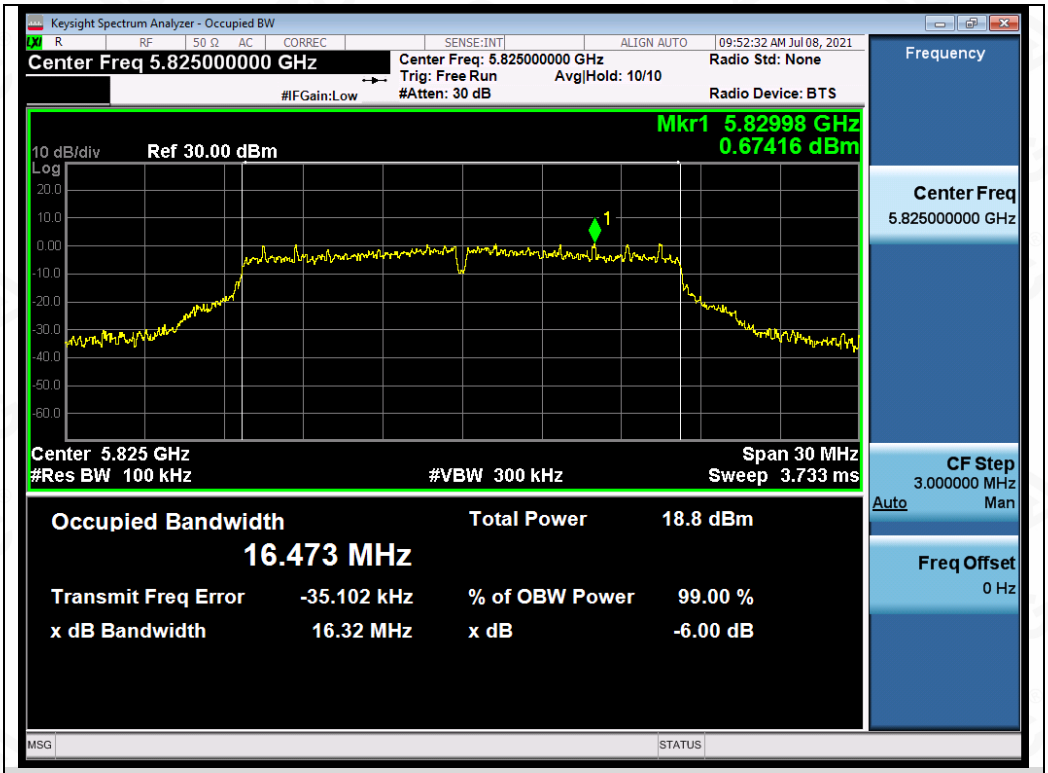


Test_Graph_802.11ac80_ANT1_5775_MCS9_OBW

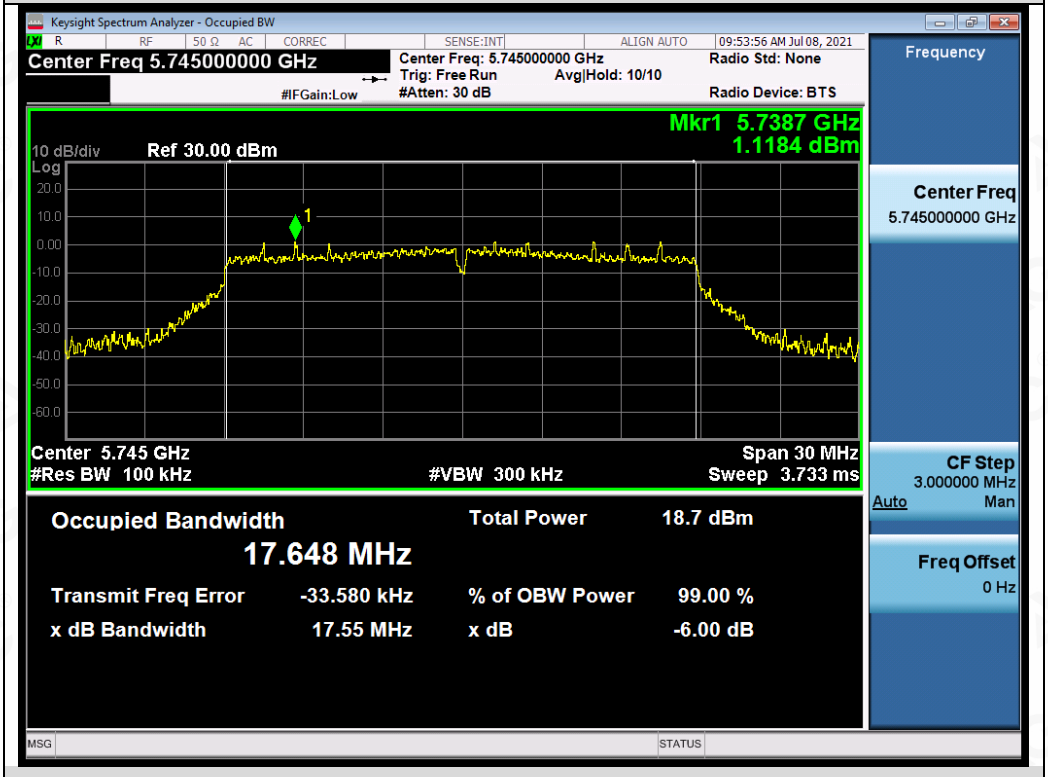
Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz

Test_Graph_802.11a_ANT1_5745_6Mbps_DTSBW

Test_Graph_802.11a_ANT1_5785_6Mbps_DTSBW

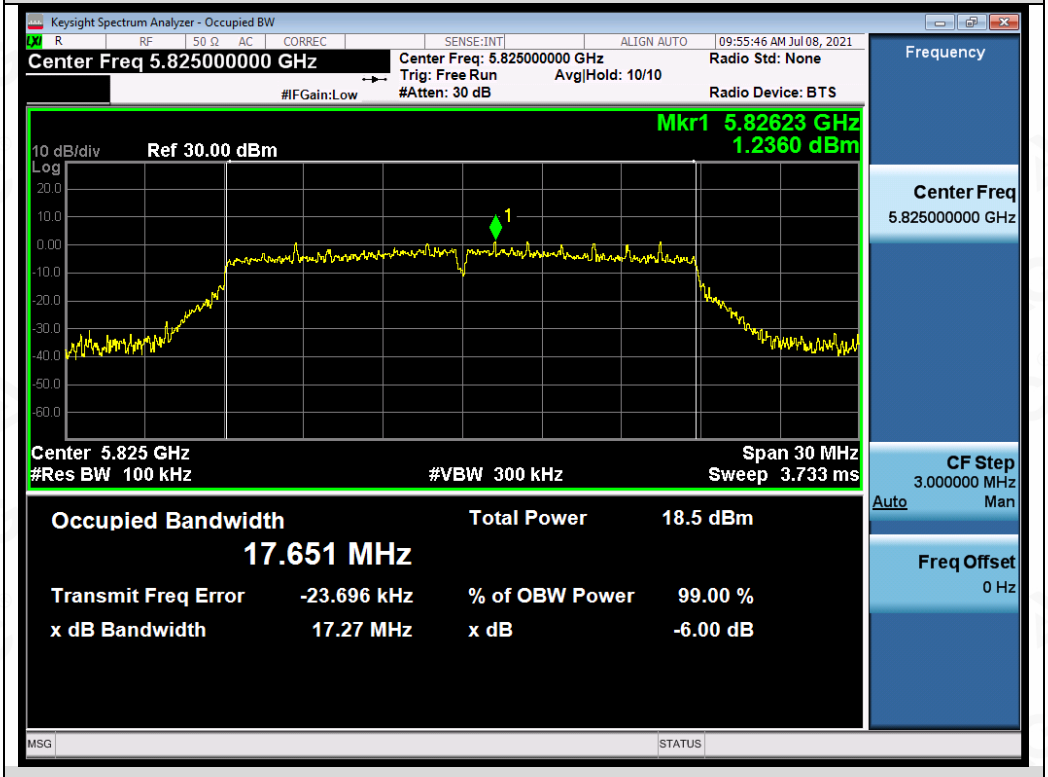


Test_Graph_802.11a_ANT1_5825_6Mbps_DTSBW

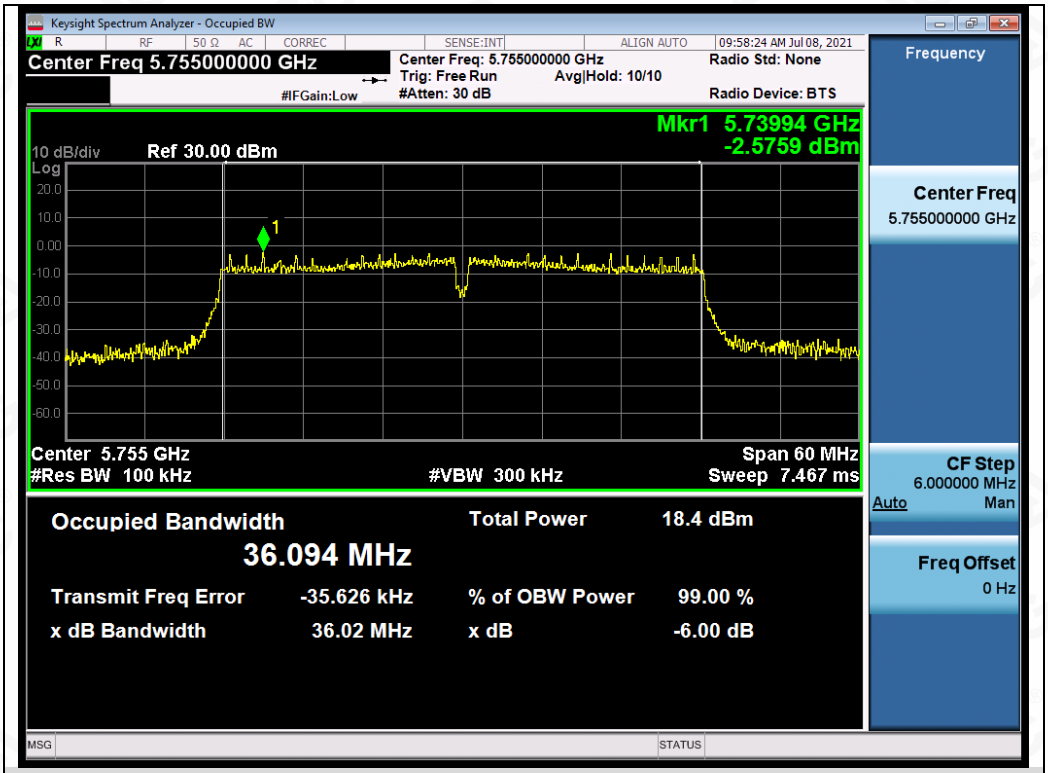


Test_Graph_802.11n20_ANT1_5745_MCS0_DTSBW

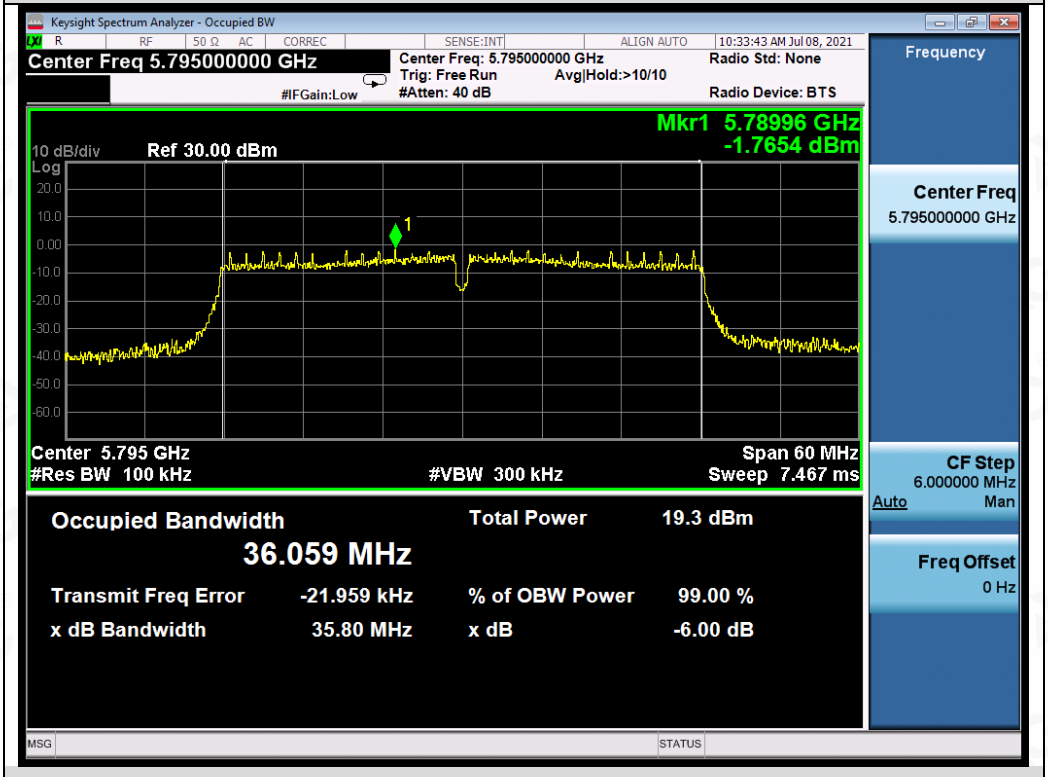
Test_Graph_802.11n20_ANT1_5785_MCS0_DTSBW



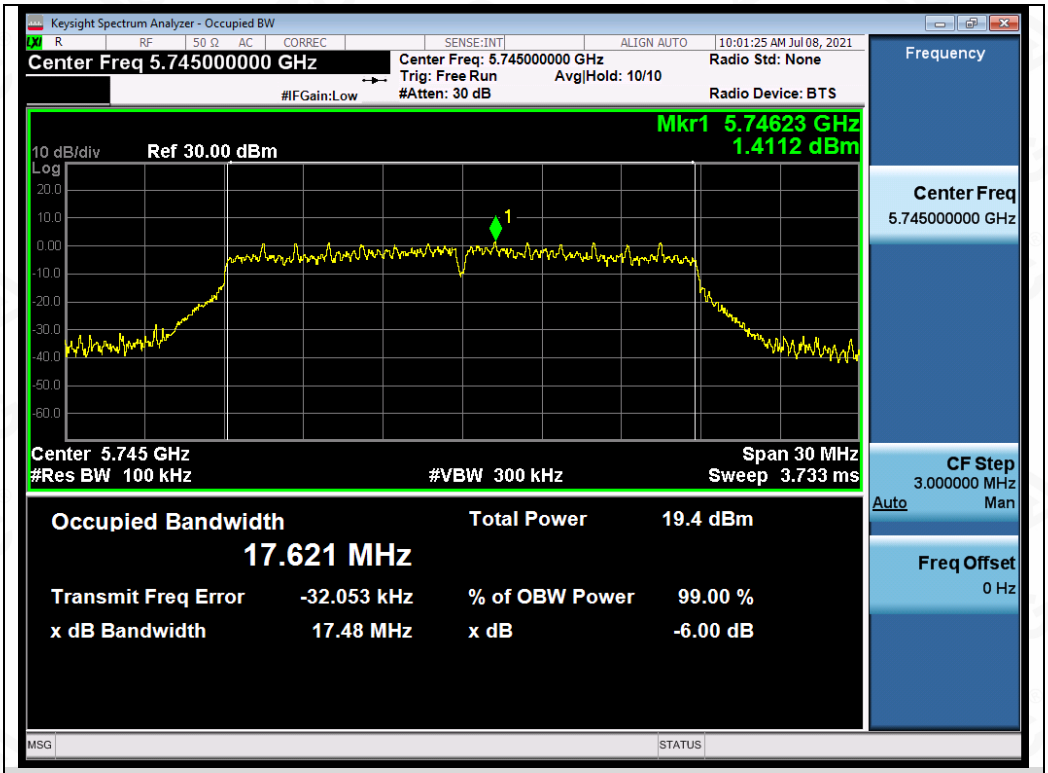
Test_Graph_802.11n20_ANT1_5825_MCS0_DTSBW



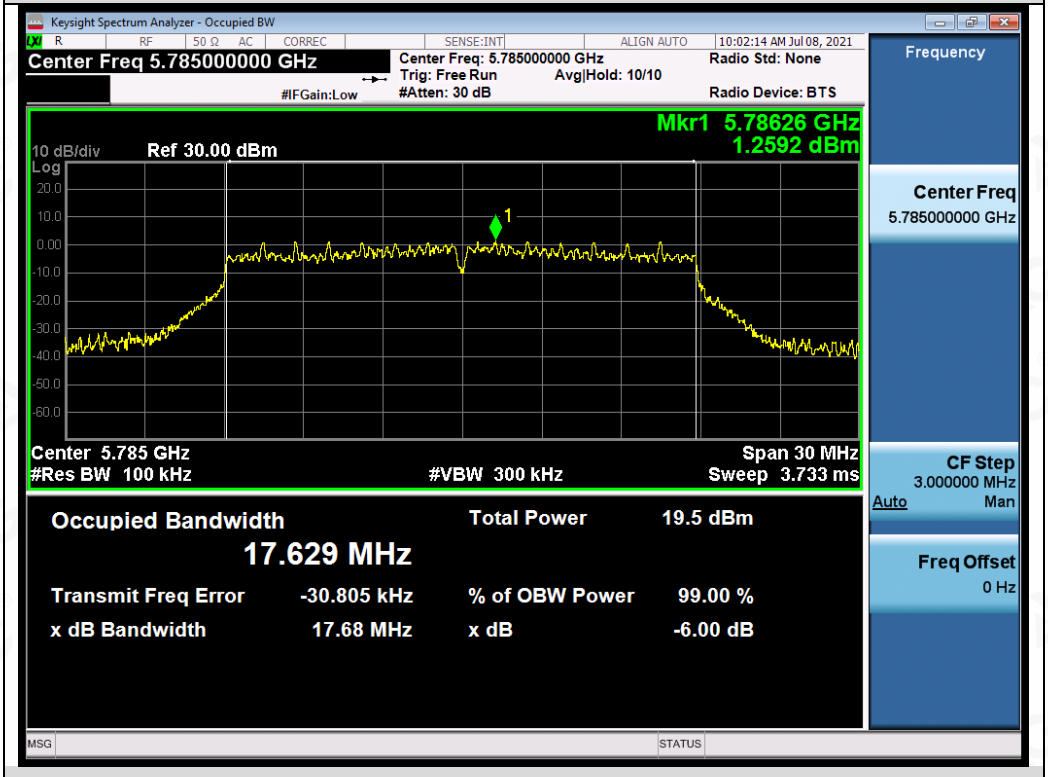
Test_Graph_802.11n40_ANT1_5755_MCS0_DTSBW



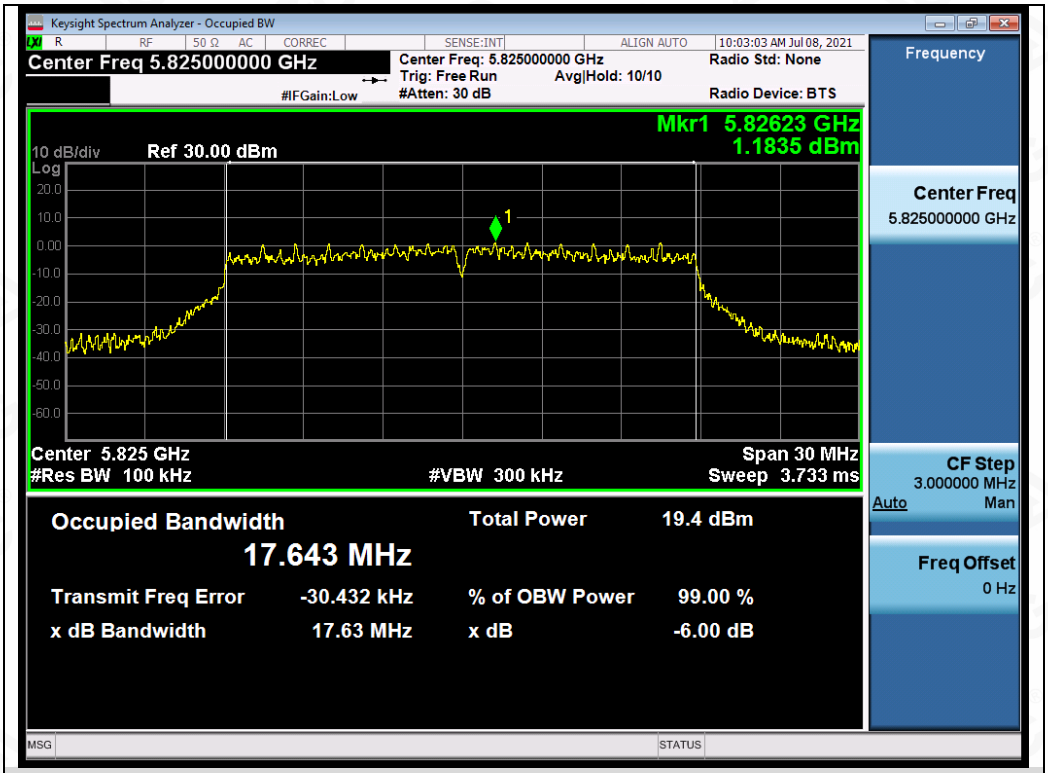
Test_Graph_802.11n40_ANT1_5795_MCS0_DTSBW



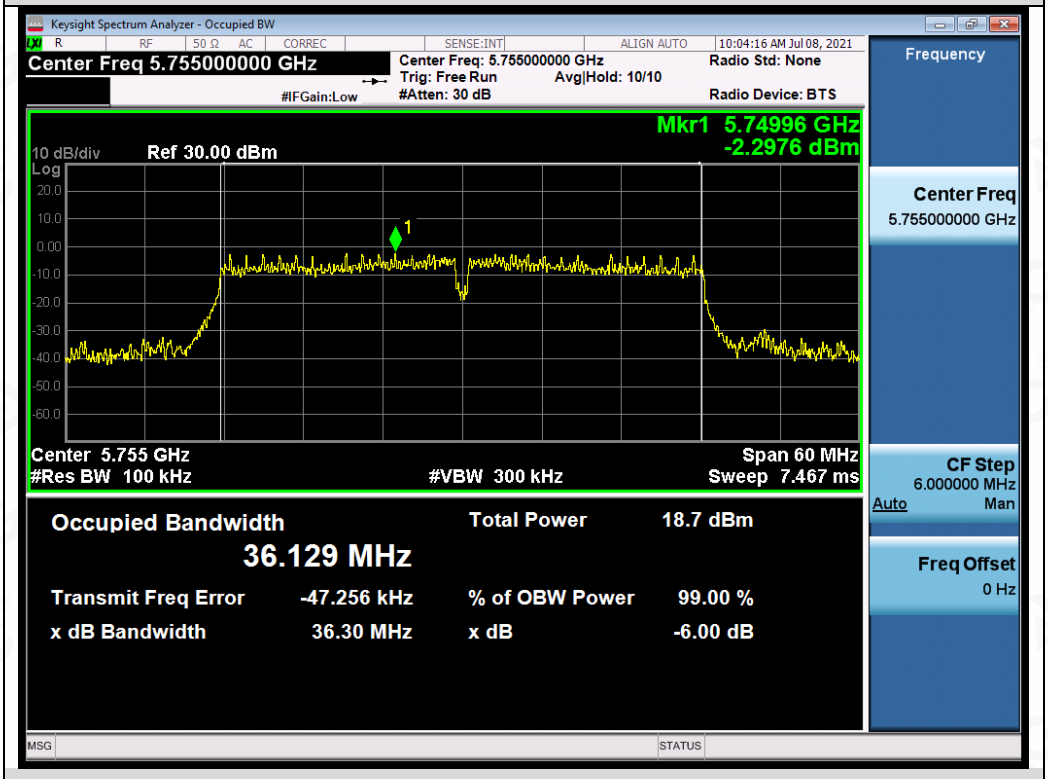
Test_Graph_802.11ac20_ANT1_5745_MCS0_DTSBW



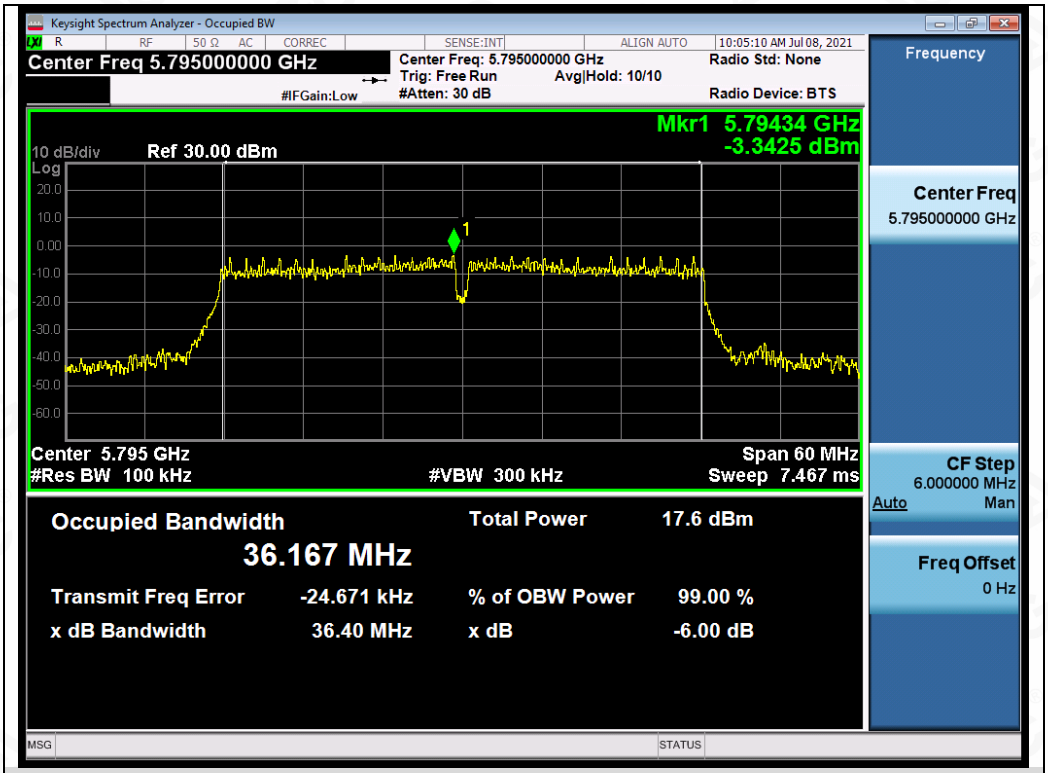
Test_Graph_802.11ac20_ANT1_5785_MCS0_DTSBW



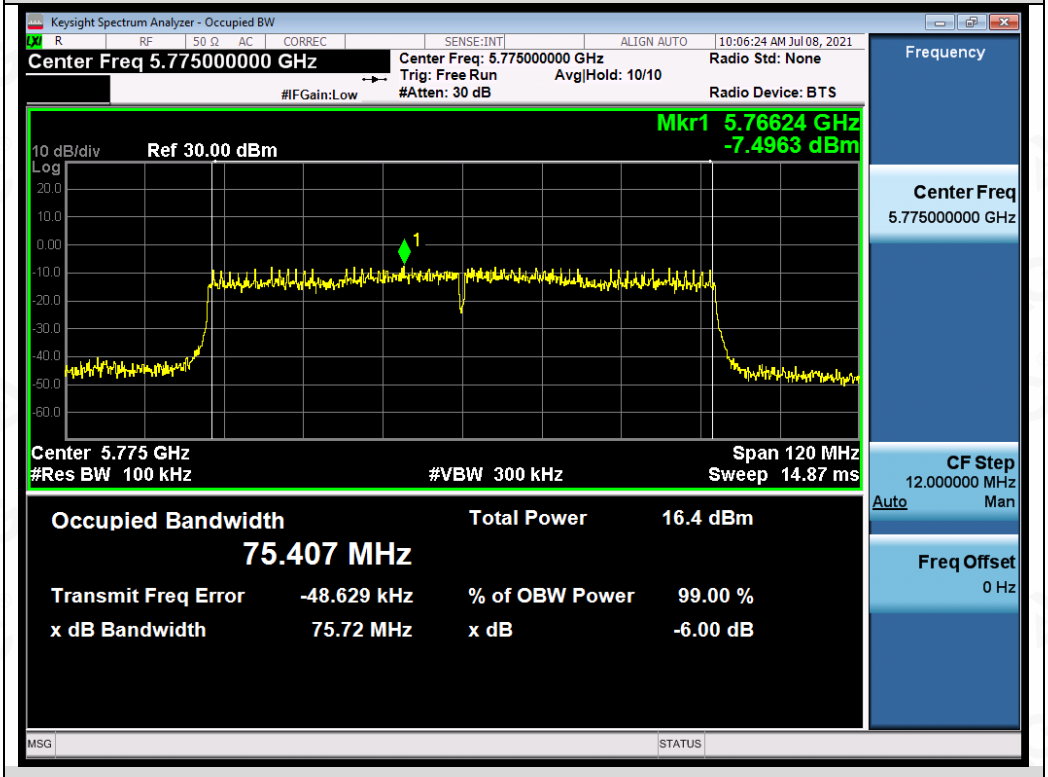
Test_Graph_802.11ac20_ANT1_5825_MCS9_DTSBW



Test_Graph_802.11ac40_ANT1_5755_MCS9_DTSBW



Test_Graph_802.11ac40_ANT1_5795_MCS9_DTSBW



Test_Graph_802.11ac80_ANT1_5775_MCS9_DTSBW

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
802.11a	5180	1.372	11	Pass
	5200	1.598	11	Pass
	5240	2.920	11	Pass
802.11n20	5180	1.756	11	Pass
	5200	1.685	11	Pass
	5240	2.440	11	Pass
802.11n40	5190	-1.644	11	Pass
	5230	-0.806	11	Pass
802.11ac20	5180	1.249	11	Pass
	5200	1.515	11	Pass
	5240	2.088	11	Pass
802.11ac40	5190	-1.001	11	Pass
	5230	1.030	11	Pass
802.11ac80	5210	-6.882	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
802.11a	5260	2.297	11	Pass
	5300	1.557	11	Pass
	5320	0.361	11	Pass
802.11n20	5260	2.711	11	Pass
	5300	2.004	11	Pass
	5320	1.121	11	Pass
802.11n40	5270	-0.511	11	Pass
	5310	-1.798	11	Pass
802.11ac20	5260	2.422	11	Pass
	5300	1.100	11	Pass
	5320	1.120	11	Pass
802.11ac40	5270	-0.337	11	Pass
	5310	-1.251	11	Pass
802.11ac80	5290	-5.100	11	Pass

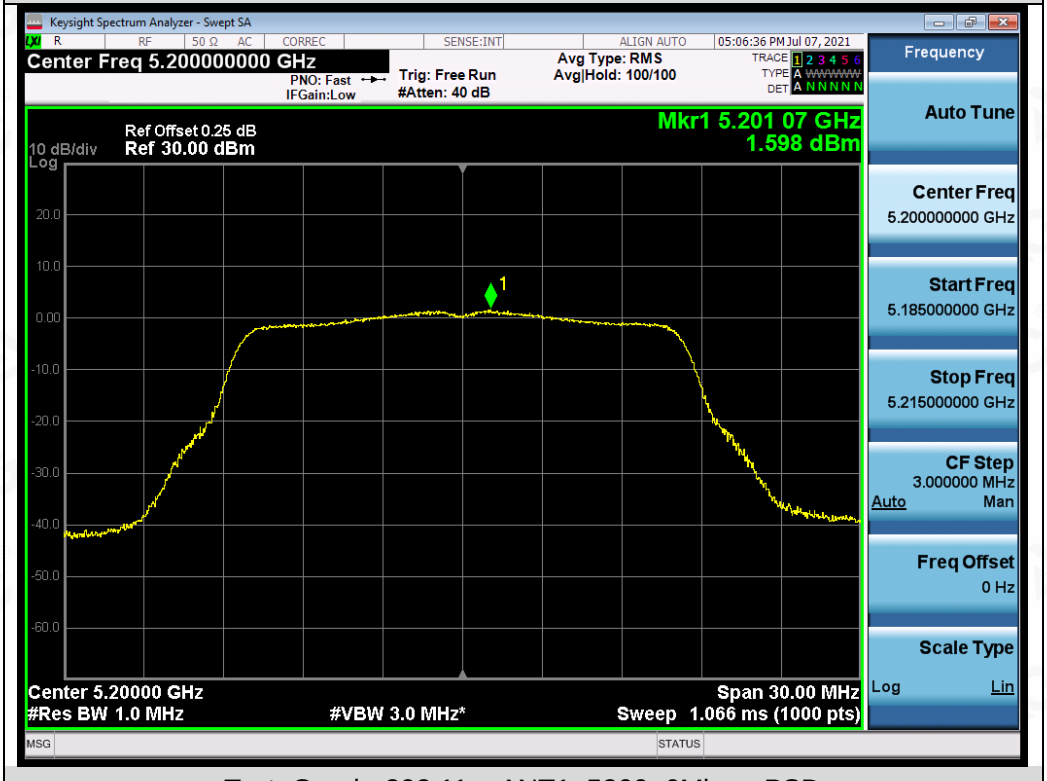
Test Data of Conducted Output Power Density for band 5.47-5.725 GHz				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
802.11a	5500	2.827	11	Pass
	5600	3.596	11	Pass
	5700	2.327	11	Pass
802.11n20	5500	2.148	11	Pass
	5600	2.998	11	Pass
	5700	1.843	11	Pass
802.11n40	5510	-1.184	11	Pass
	5590	-0.539	11	Pass
	5670	-1.216	11	Pass
802.11ac20	5500	0.553	11	Pass
	5600	1.990	11	Pass
	5700	1.178	11	Pass
802.11ac40	5510	-2.612	11	Pass
	5590	-0.805	11	Pass
	5670	-1.453	11	Pass
802.11ac80	5530	-6.726	11	Pass
	5610	-6.020	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
802.11a	5745	-5.094	1.896	30	Pass
	5785	-5.088	1.902	30	Pass
	5825	-5.207	1.783	30	Pass
802.11n20	5745	-5.692	1.298	30	Pass
	5785	-5.701	1.289	30	Pass
	5825	-5.840	1.150	30	Pass
802.11n40	5755	-9.313	-2.323	30	Pass
	5795	-10.124	-3.134	30	Pass
802.11ac20	5745	-4.943	2.047	30	Pass
	5785	-3.763	3.227	30	Pass
	5825	-5.842	1.148	30	Pass
802.11ac40	5755	-9.491	-2.501	30	Pass
	5795	-10.426	-3.436	30	Pass
802.11ac80	5775	-10.025	-3.035	30	Pass

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

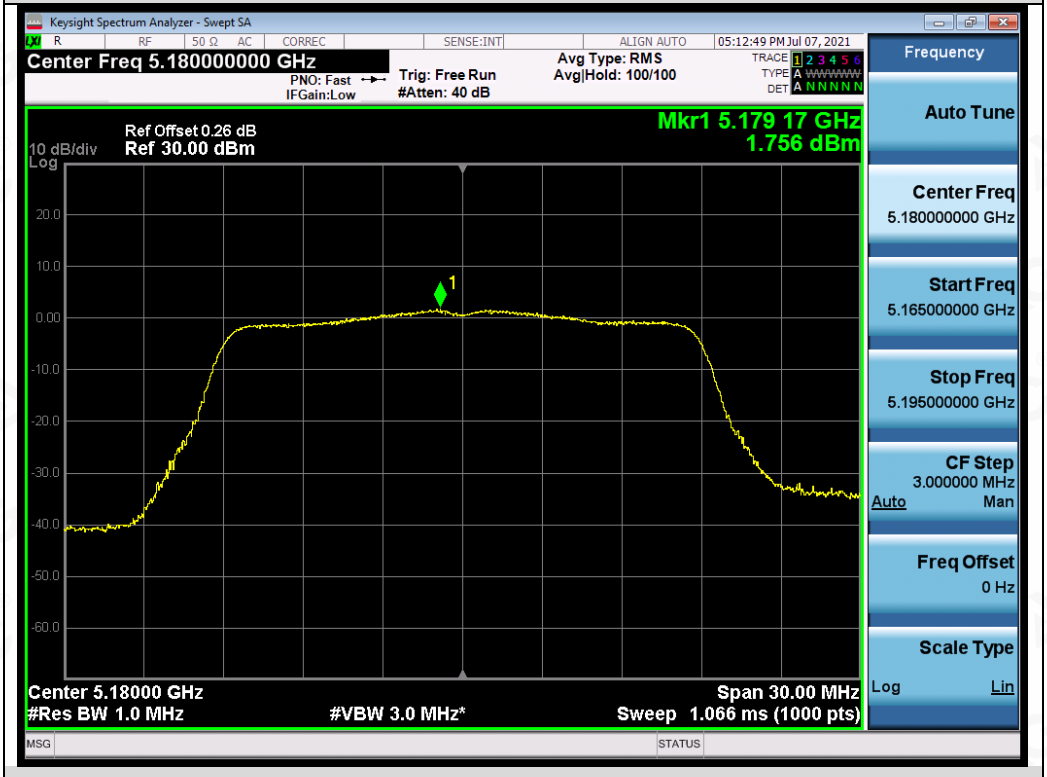
Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz

Test_Graph_802.11a_ANT1_5180_6Mbps_PSD



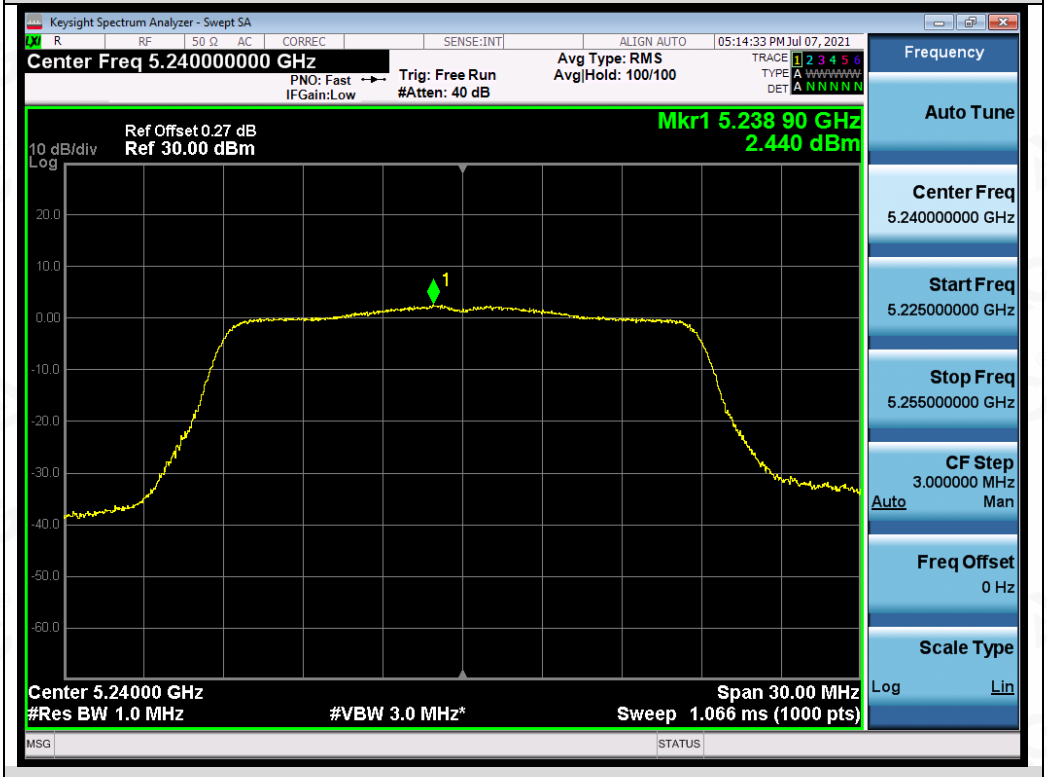
Test_Graph_802.11a_ANT1_5200_6Mbps_PSD

Test_Graph_802.11a_ANT1_5240_6Mbps_PSD



Test_Graph_802.11n20_ANT1_5180_MCS0_PSD

Test_Graph_802.11n20_ANT1_5200_MCS0_PSD



Test_Graph_802.11n20_ANT1_5240_MCS0_PSD

Test_Graph_802.11n40_ANT1_5190_MCS0_PSD

Test_Graph_802.11n40_ANT1_5230_MCS0_PSD

Test_Graph_802.11ac20_ANT1_5180_MCS0_PSD

Test_Graph_802.11ac20_ANT1_5200_MCS0_PSD

Test_Graph_802.11ac20_ANT1_5240_MCS9_PSD

Test_Graph_802.11ac40_ANT1_5190_MCS9_PSD

Test_Graph_802.11ac40_ANT1_5230_MCS9_PSD

Test_Graph_802.11ac80_ANT1_5210_MCS9_PSD

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

Test_Graph_802.11a_ANT1_5260_6Mbps_PSD

Test_Graph_802.11a_ANT1_5300_6Mbps_PSD

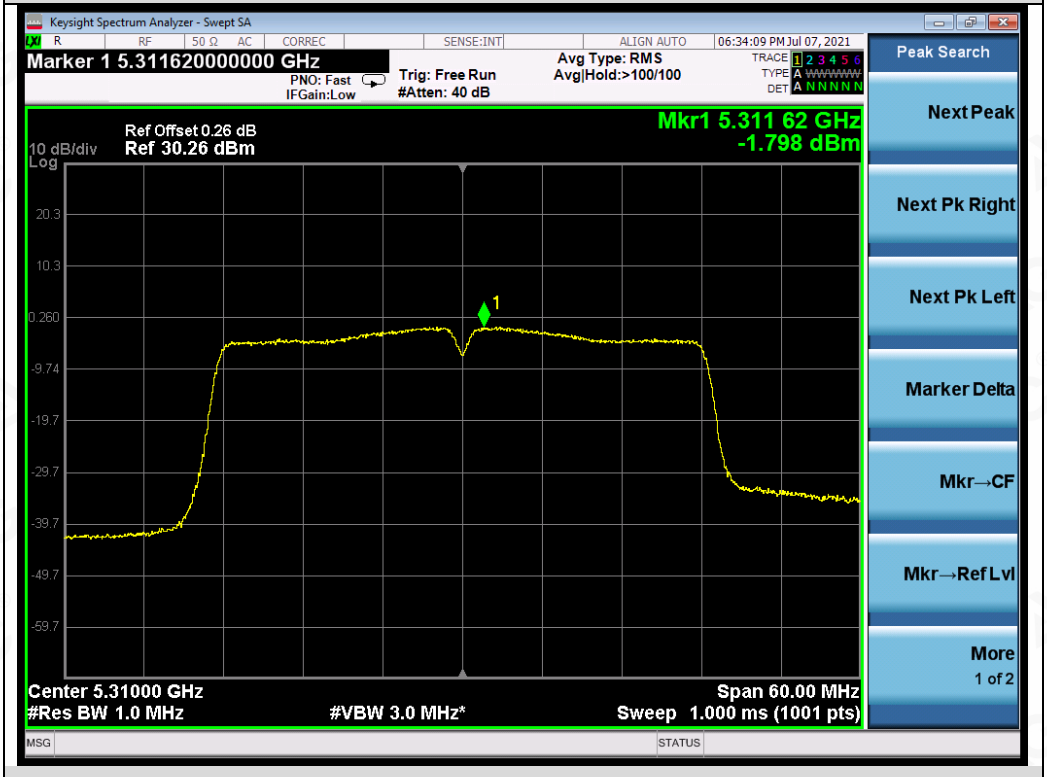
Test_Graph_802.11a_ANT1_5320_6Mbps_PSD

Test_Graph_802.11n20_ANT1_5260_MCS0_PSD

Test_Graph_802.11n20_ANT1_5300_MCS0_PSD

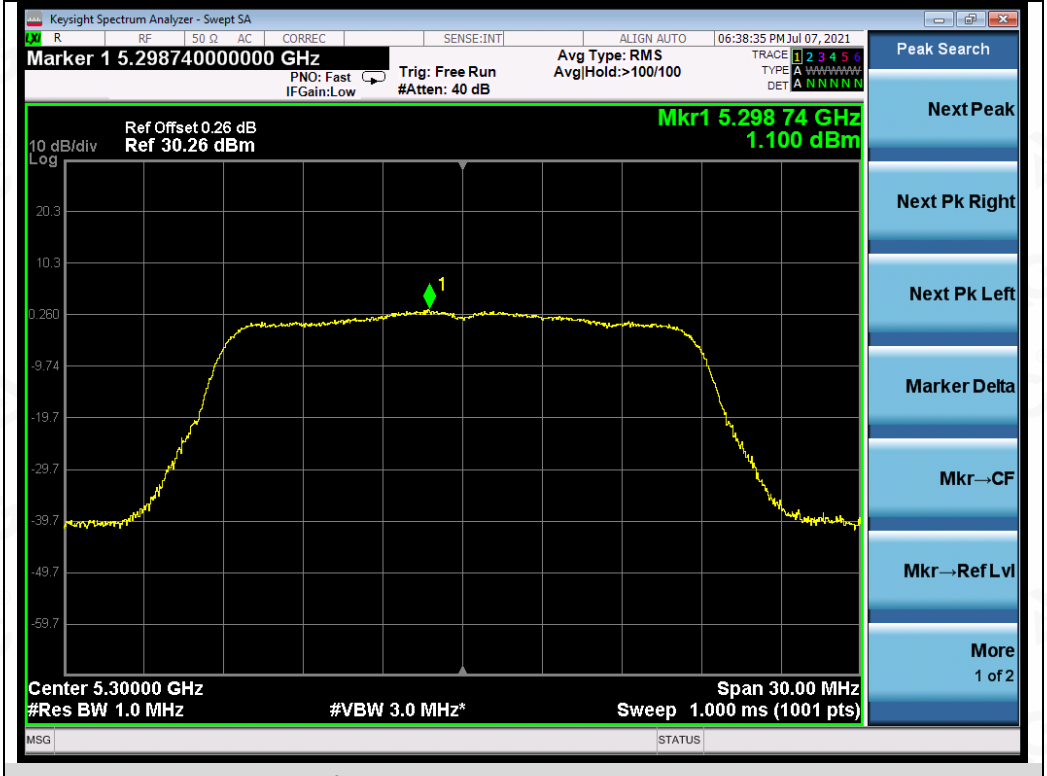
Test_Graph_802.11n20_ANT1_5320_MCS0_PSD

Test_Graph_802.11n40_ANT1_5270_MCS0_PSD

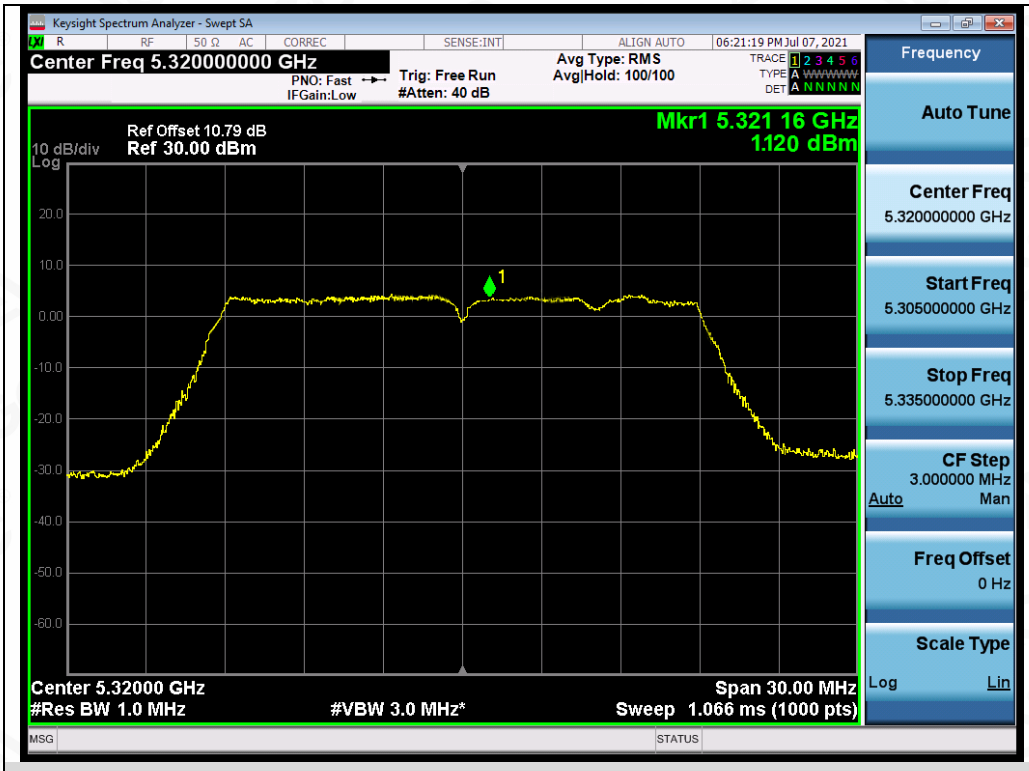


Test_Graph_802.11n40_ANT1_5310_MCS0_PSD

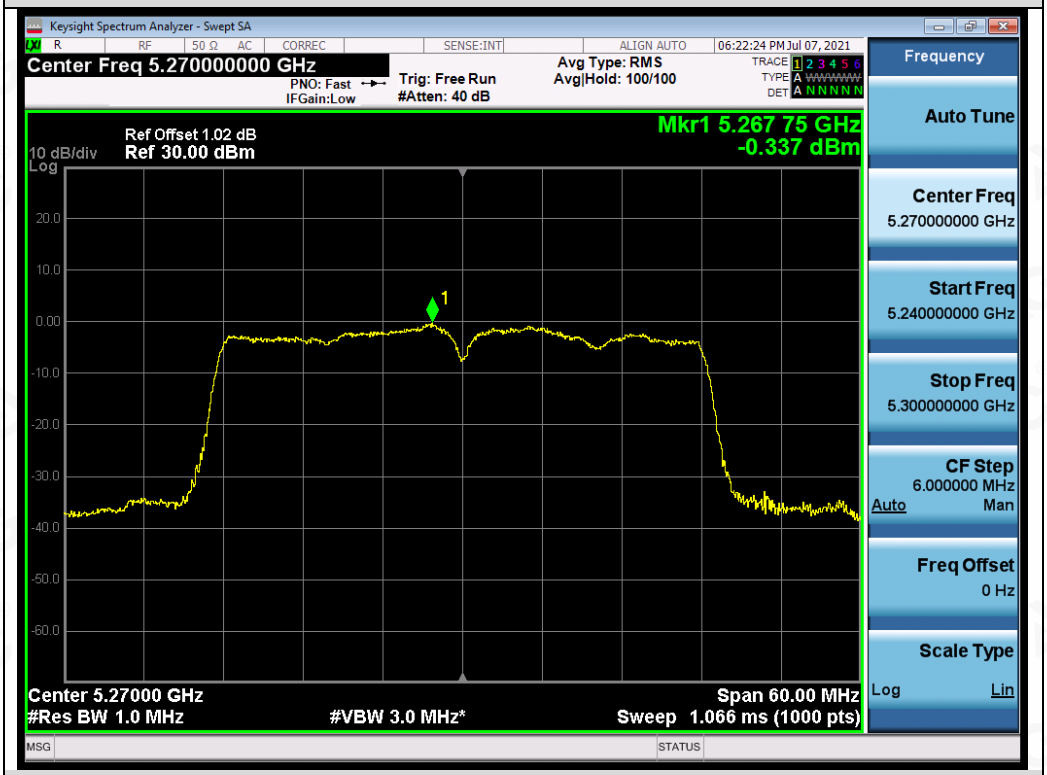
Test_Graph_802.11ac20_ANT1_5260_MCS0_PSD



Test_Graph_802.11ac20_ANT1_5300_MCS0_PSD



Test_Graph_802.11ac20_ANT1_5320_MCS9_PSD

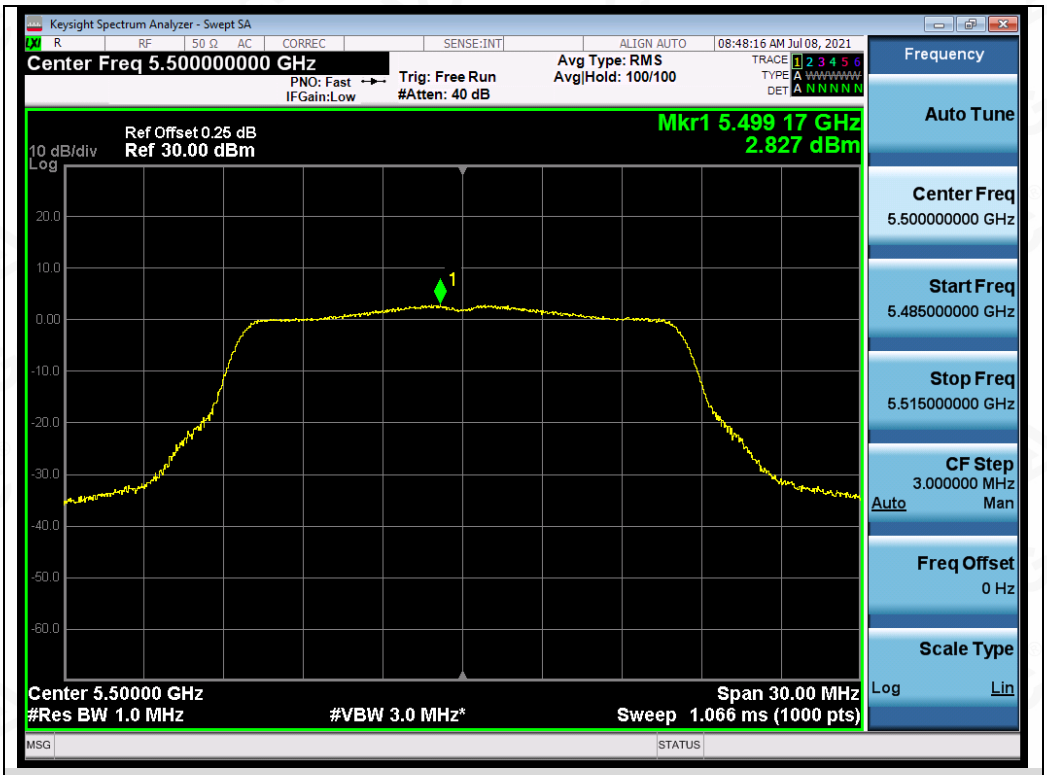


Test_Graph_802.11ac40_ANT1_5270_MCS9_PSD

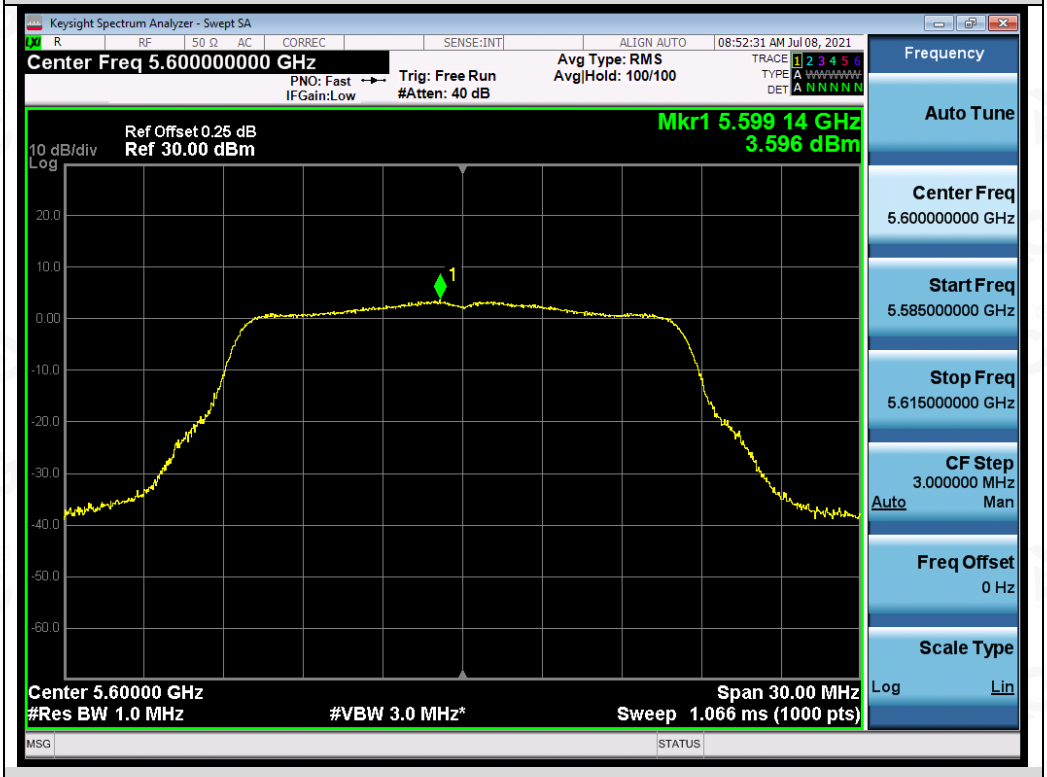
Test_Graph_802.11ac40_ANT1_5310_MCS9_PSD

Test_Graph_802.11ac80_ANT1_5290_MCS9_PSD

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

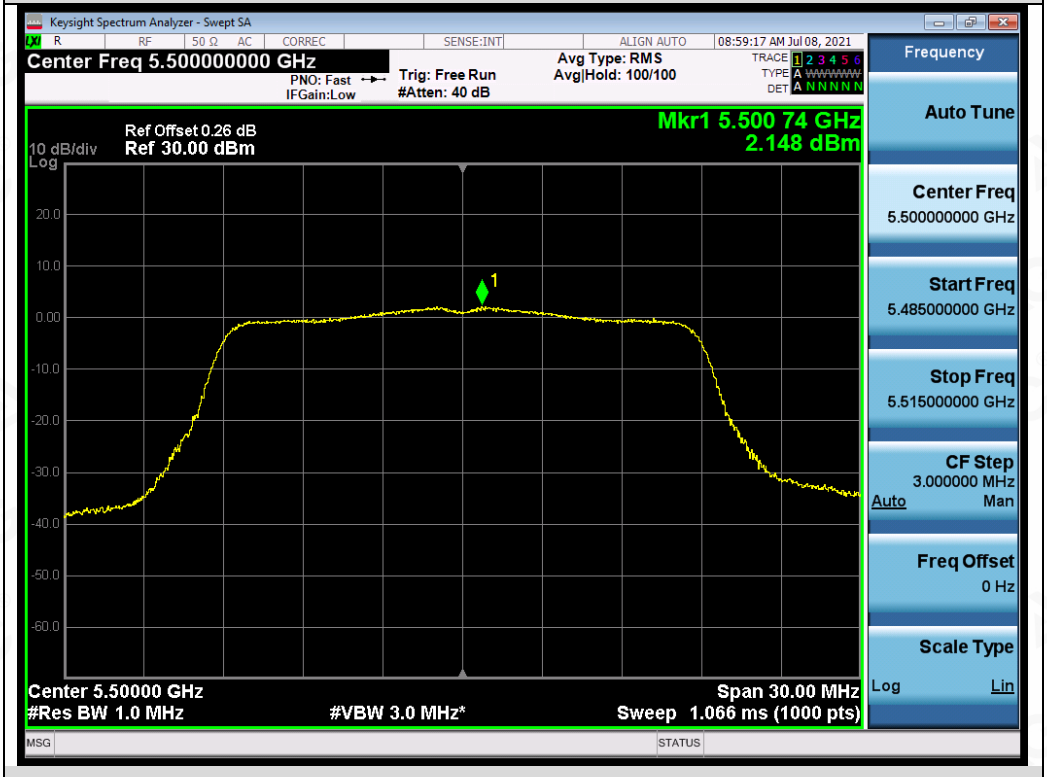


Test_Graph_802.11a_ANT1_5500_6Mbps_PSD



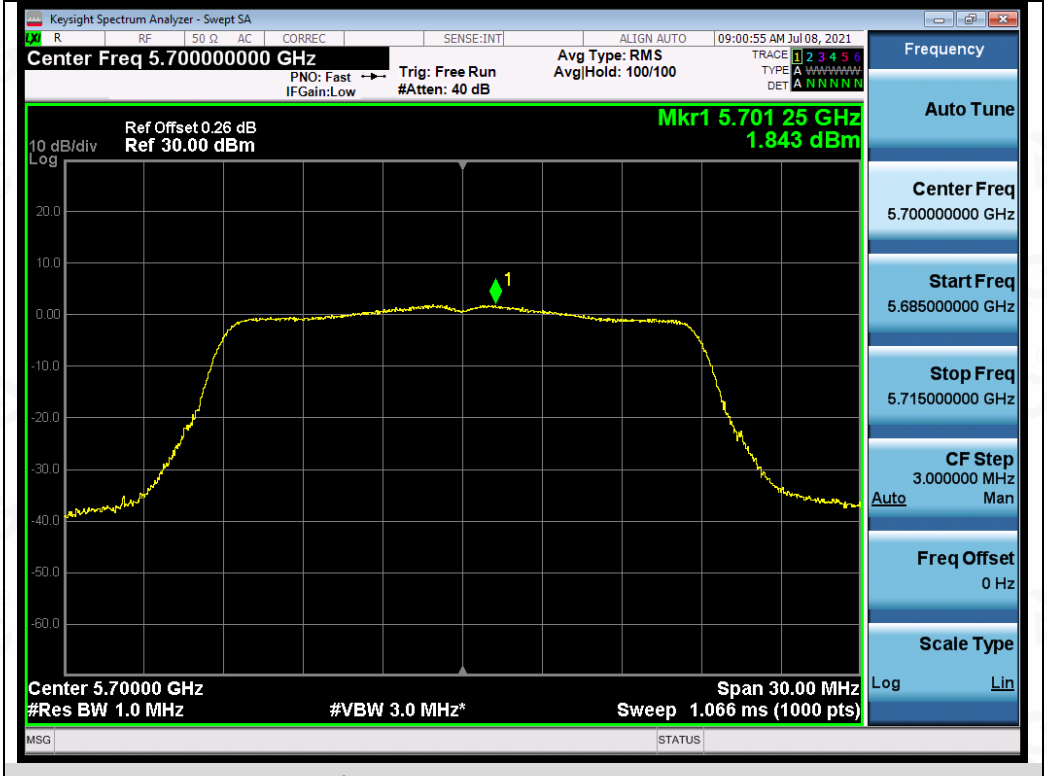
Test_Graph_802.11a_ANT1_5600_6Mbps_PSD

Test_Graph_802.11a_ANT1_5700_6Mbps_PSD

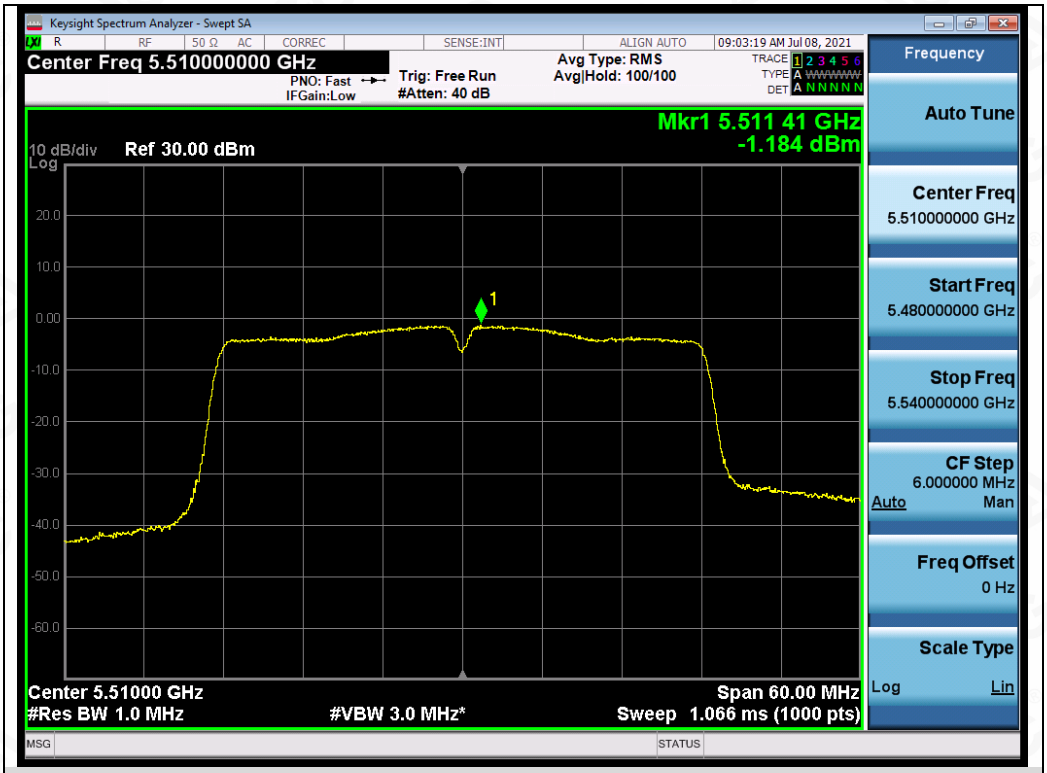


Test_Graph_802.11n20_ANT1_5500_MCS0_PSD

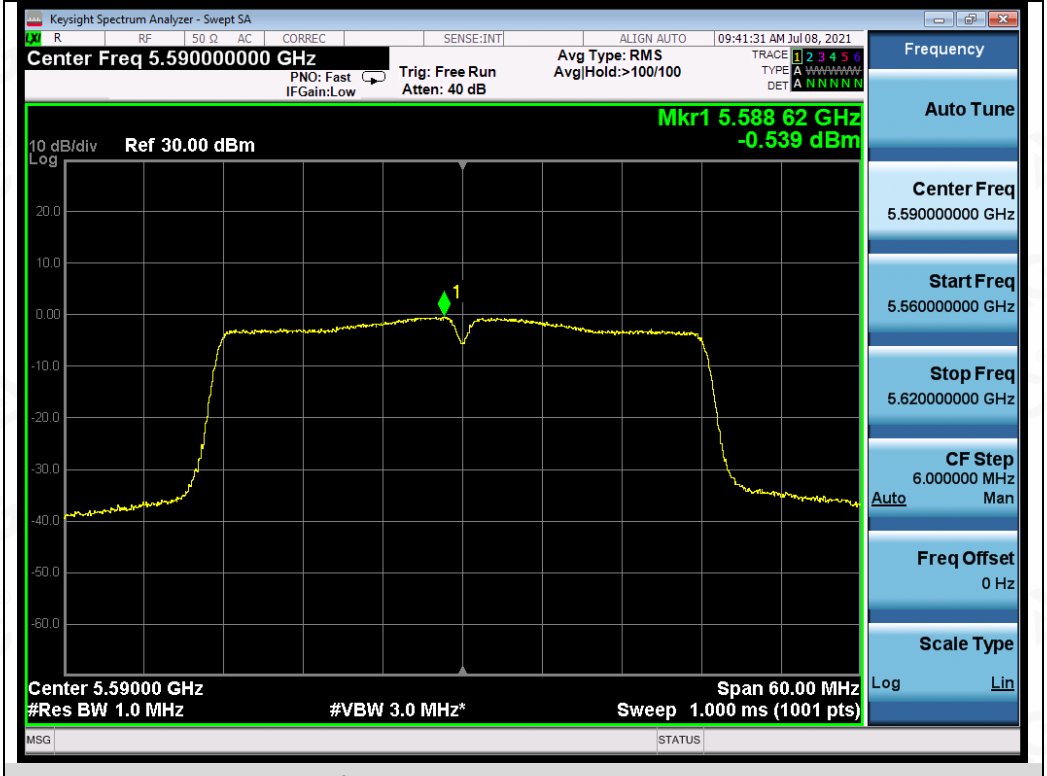
Test_Graph_802.11n20_ANT1_5600_MCS0_PSD



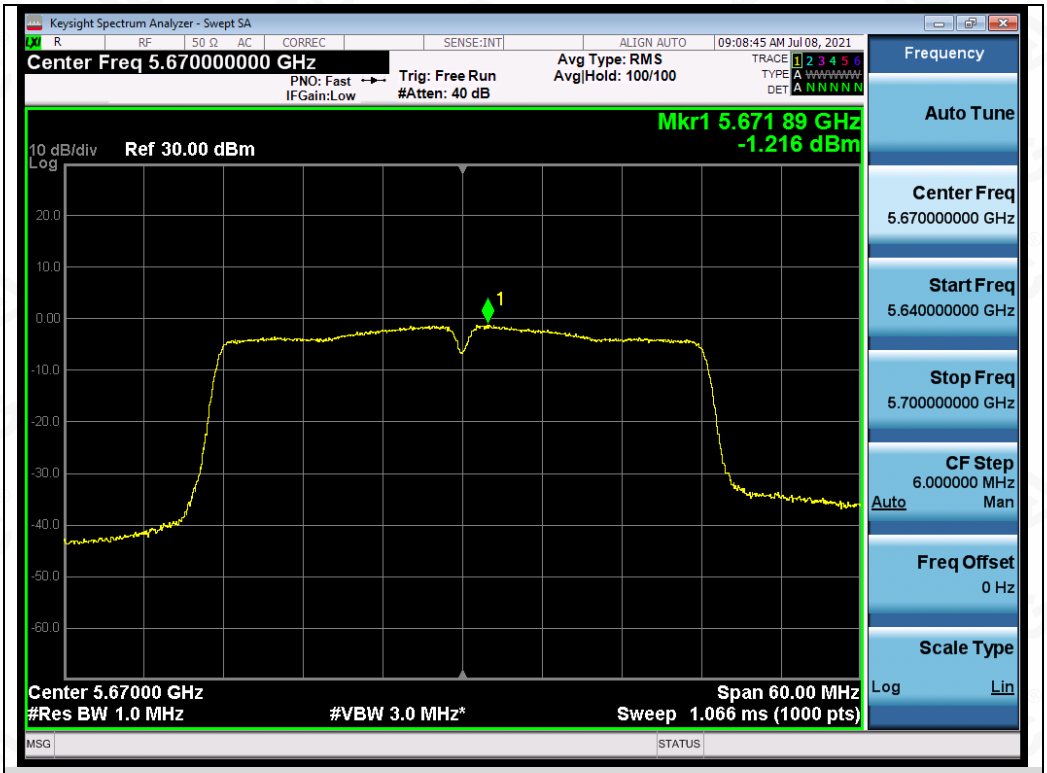
Test_Graph_802.11n20_ANT1_5700_MCS0_PSD



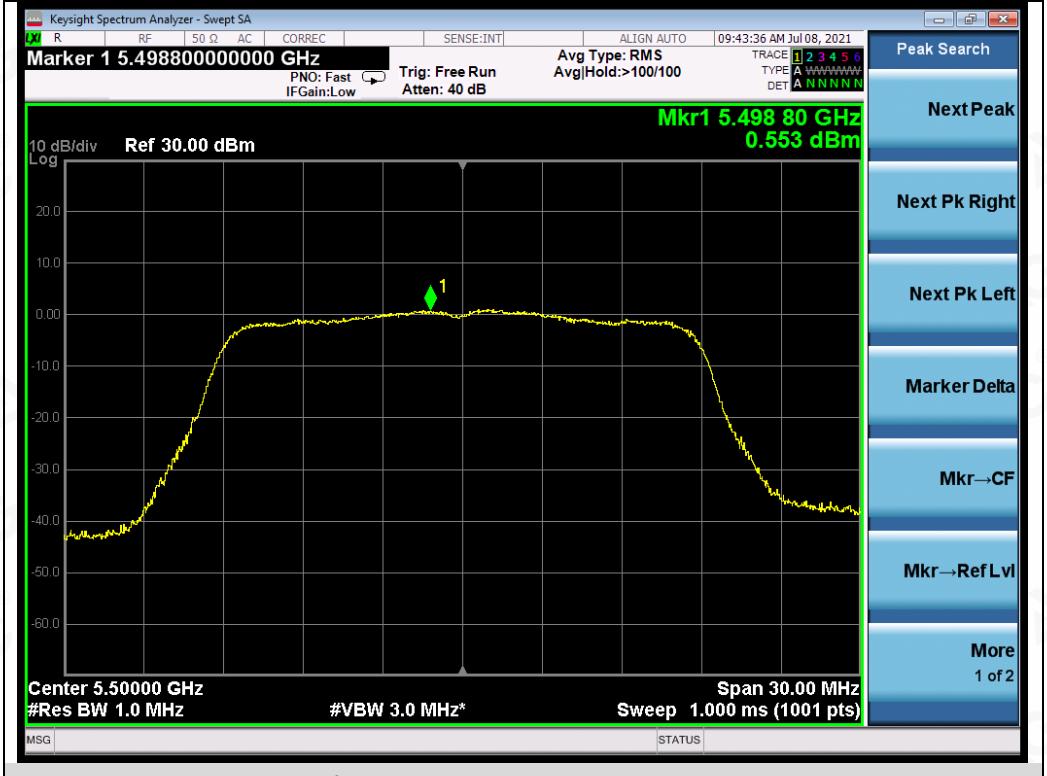
Test_Graph_802.11n40_ANT1_5510_MCS0_PSD



Test_Graph_802.11n40_ANT1_5590_MCS0_PSD



Test_Graph_802.11n40_ANT1_5670_MCS0_PSD



Test_Graph_802.11ac20_ANT1_5500_MCS0_PSD