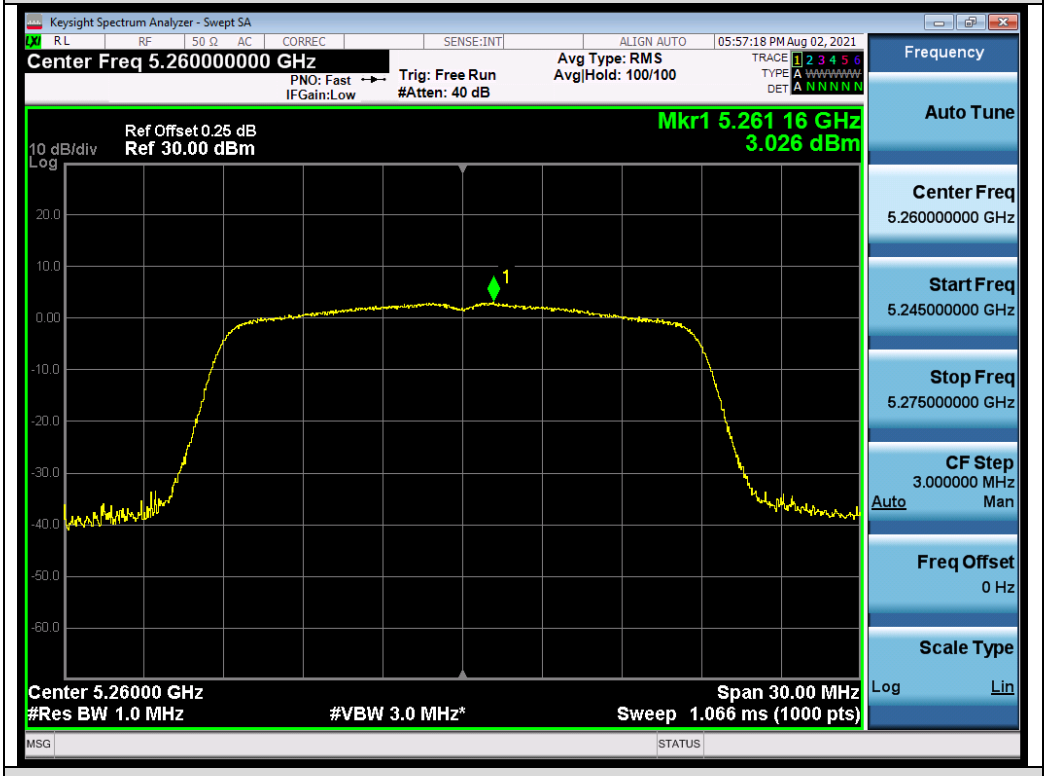
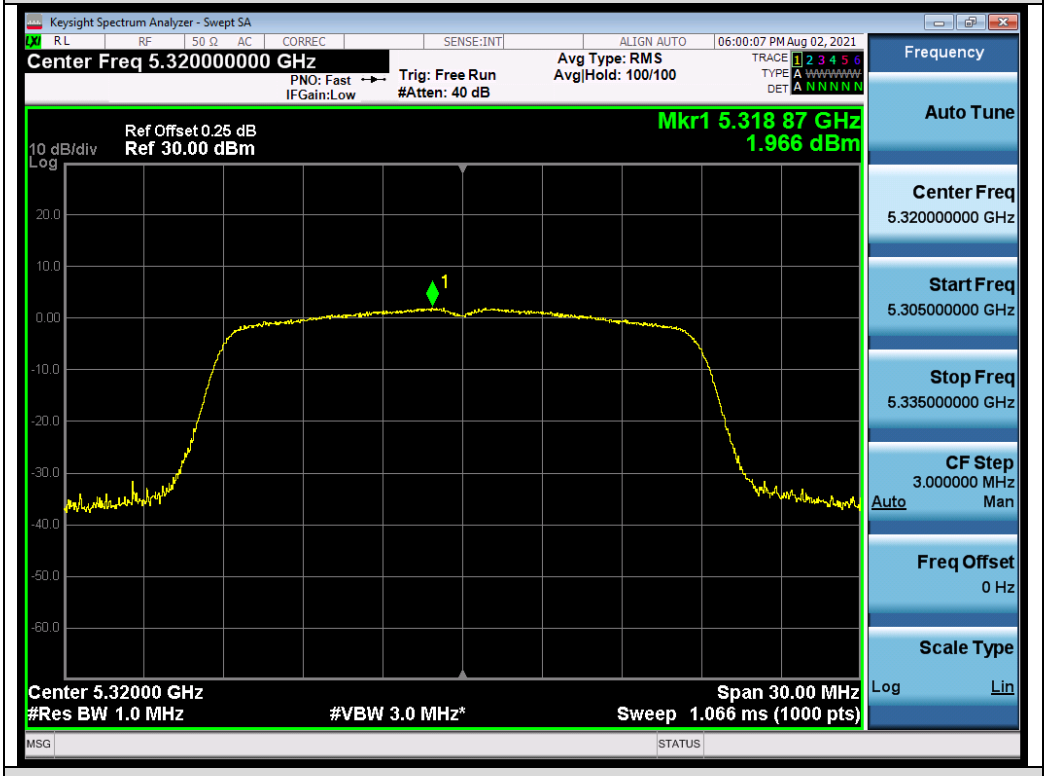
Test_Graph_802.11a_ANT2_5320_6Mbps_PSD



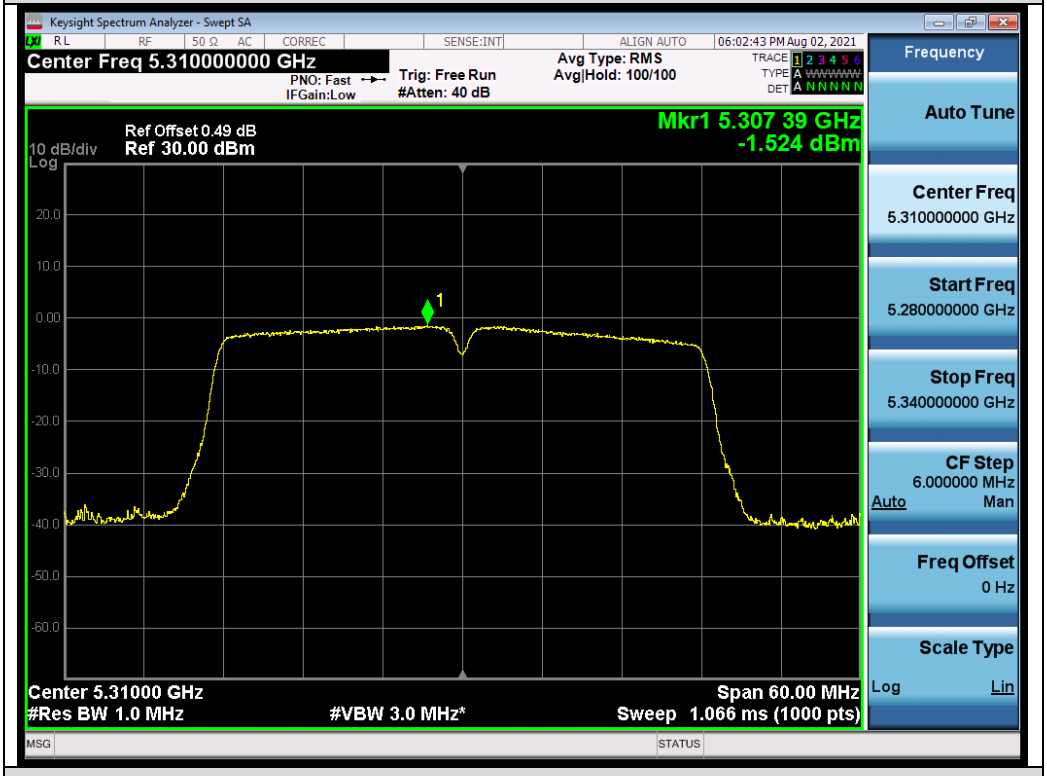
Test_Graph_802.11n20_ANT2_5260_MCS0_PSD

Test_Graph_802.11n20_ANT2_5300_MCS0_PSD

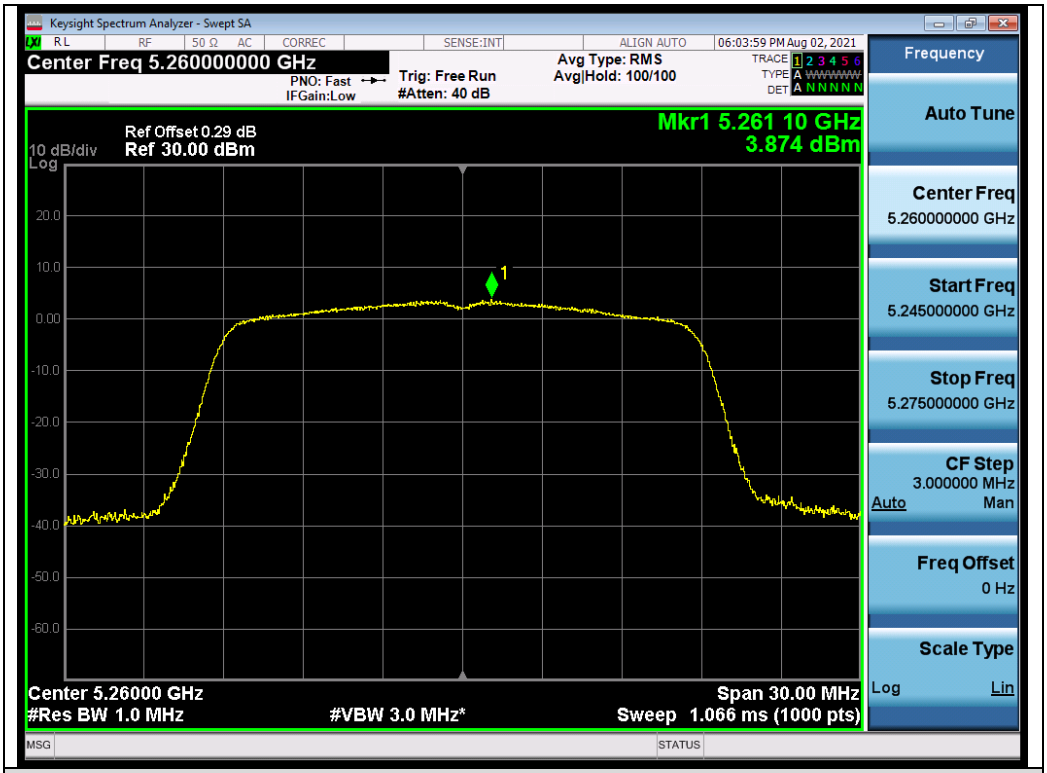


Test_Graph_802.11n20_ANT2_5320_MCS0_PSD

Test_Graph_802.11n40_ANT2_5270_MCS0_PSD



Test_Graph_802.11n40_ANT2_5310_MCS0_PSD



Test_Graph_802.11ac20_ANT2_5260_MCS0_PSD

Test_Graph_802.11ac20_ANT2_5300_MCS0_PSD

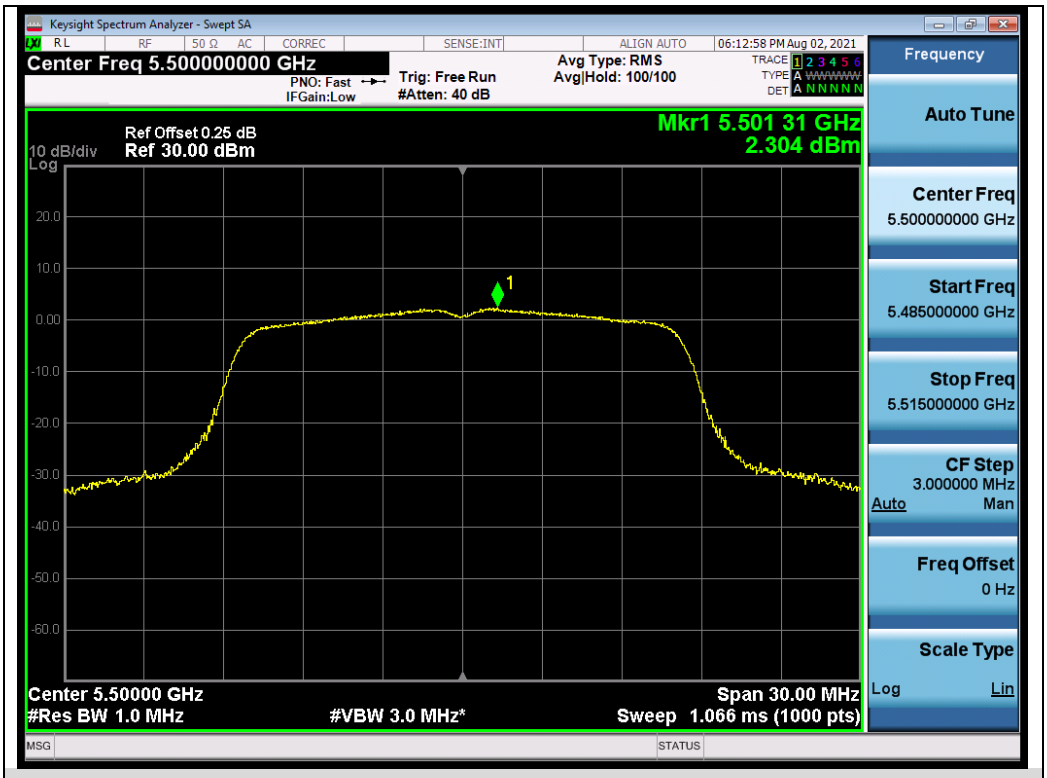
Test_Graph_802.11ac20_ANT2_5320_MCS9_PSD

Test_Graph_802.11ac40_ANT2_5270_MCS9_PSD

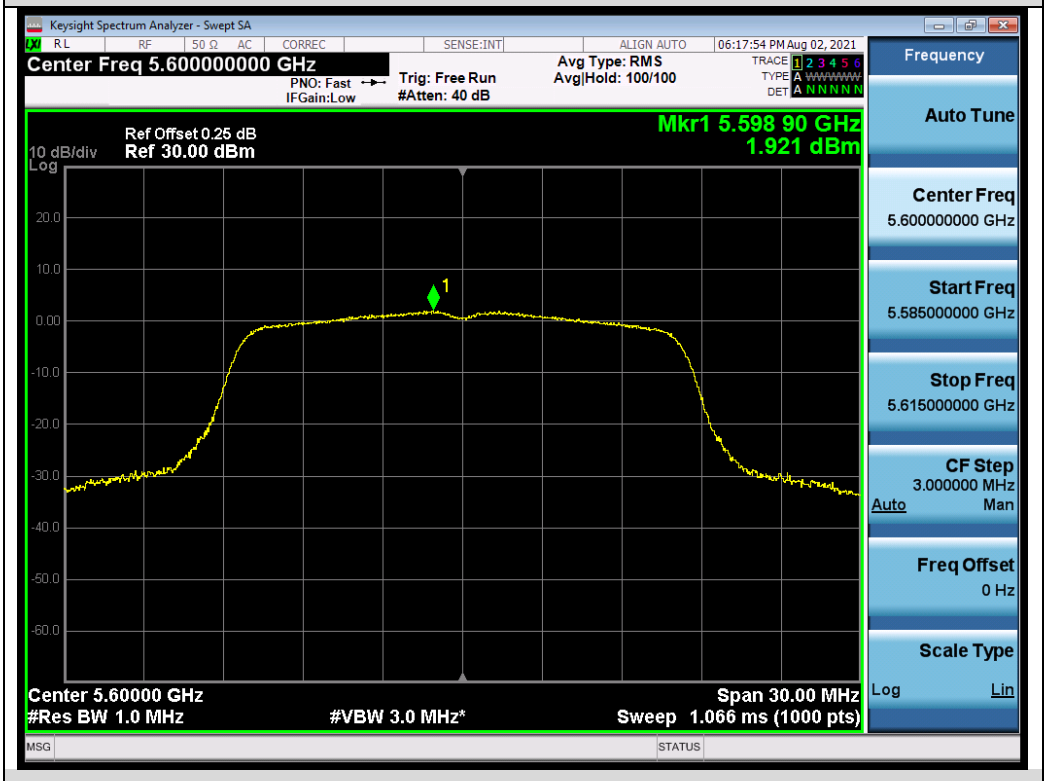
Test_Graph_802.11ac40_ANT2_5310_MCS9_PSD

Test_Graph_802.11ac80_ANT2_5290_MCS9_PSD

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

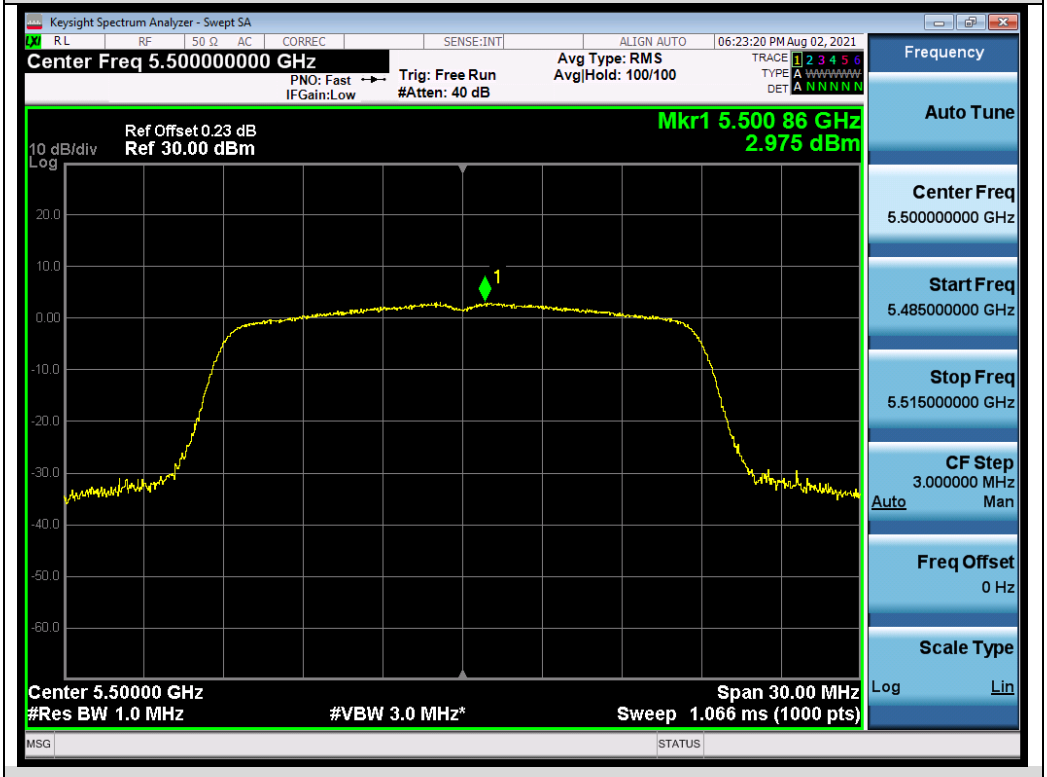


Test_Graph_802.11a_ANT1_5500_6Mbps_PSD



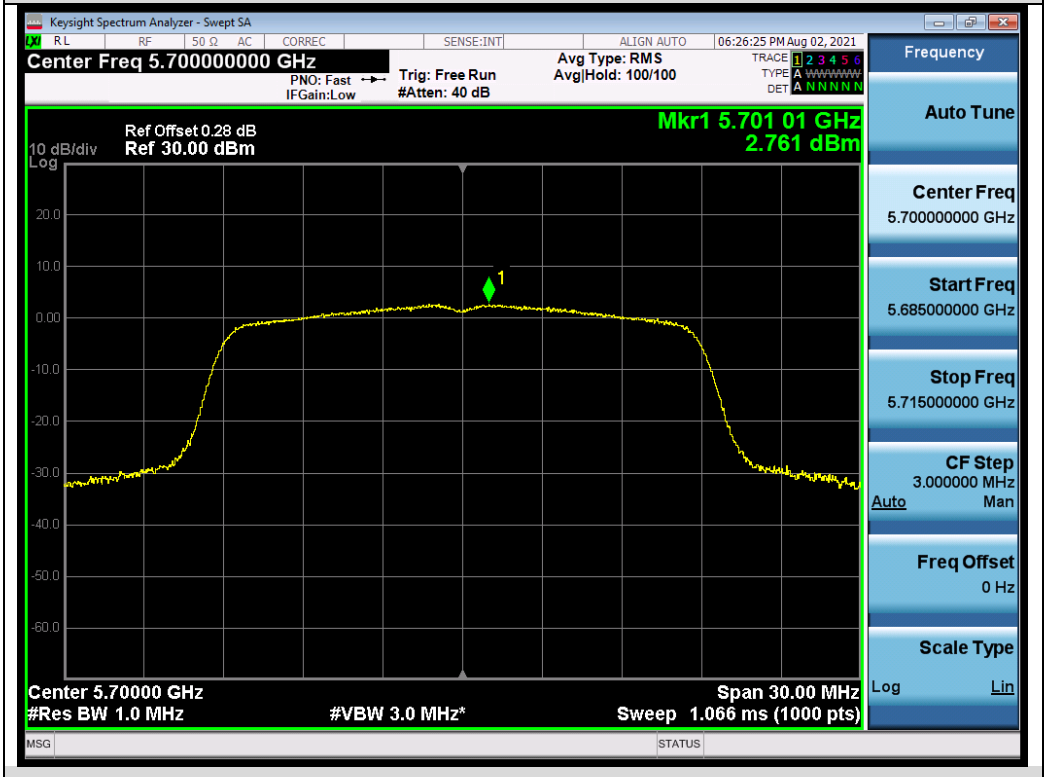
Test_Graph_802.11a_ANT1_5600_6Mbps_PSD

Test_Graph_802.11a_ANT1_5700_6Mbps_PSD



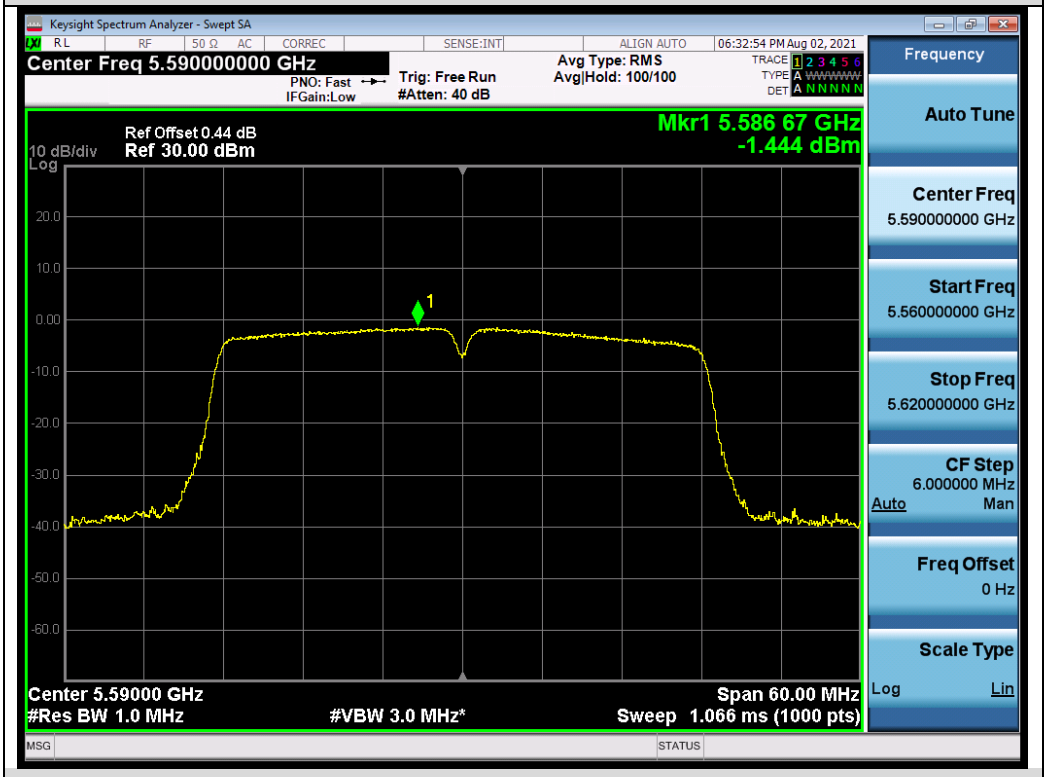
Test_Graph_802.11n20_ANT1_5500_MCS0_PSD

Test_Graph_802.11n20_ANT1_5600_MCS0_PSD



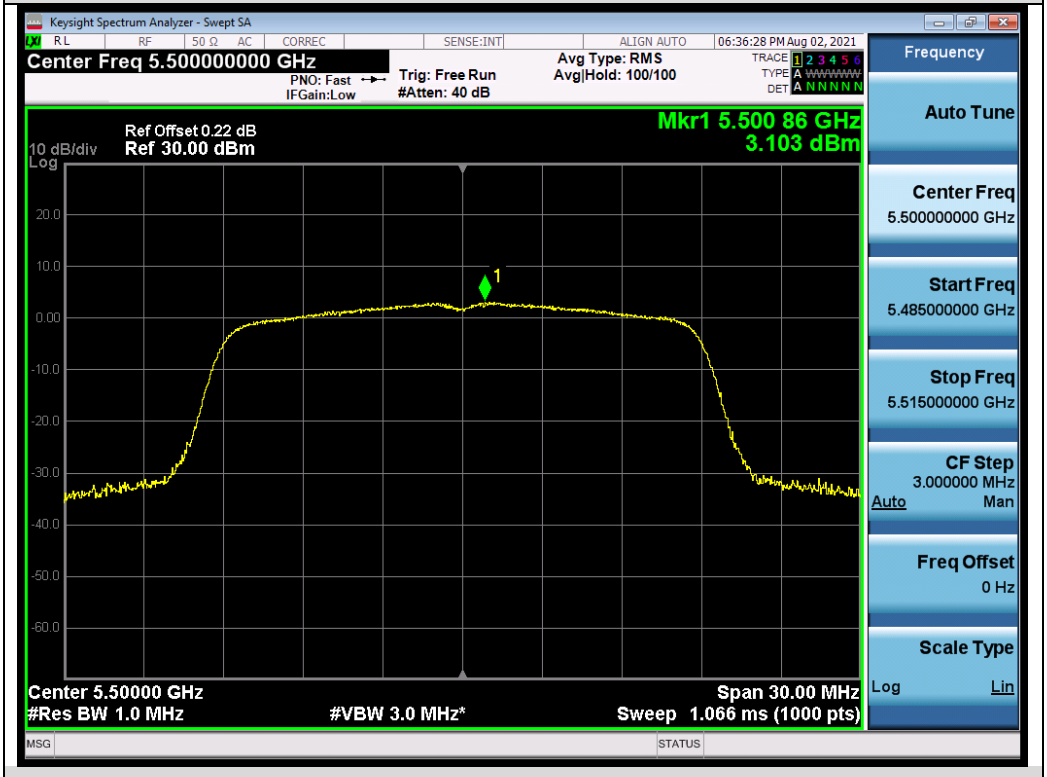
Test_Graph_802.11n20_ANT1_5700_MCS0_PSD

Test_Graph_802.11n40_ANT1_5510_MCS0_PSD

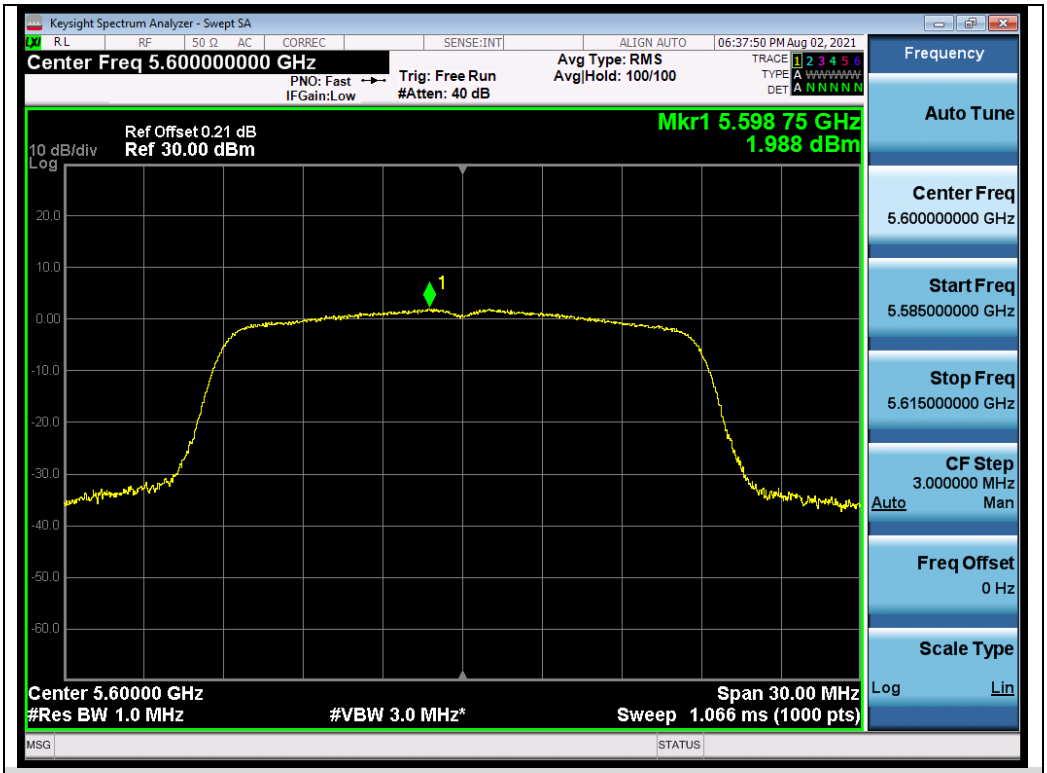


Test_Graph_802.11n40_ANT1_5590_MCS0_PSD

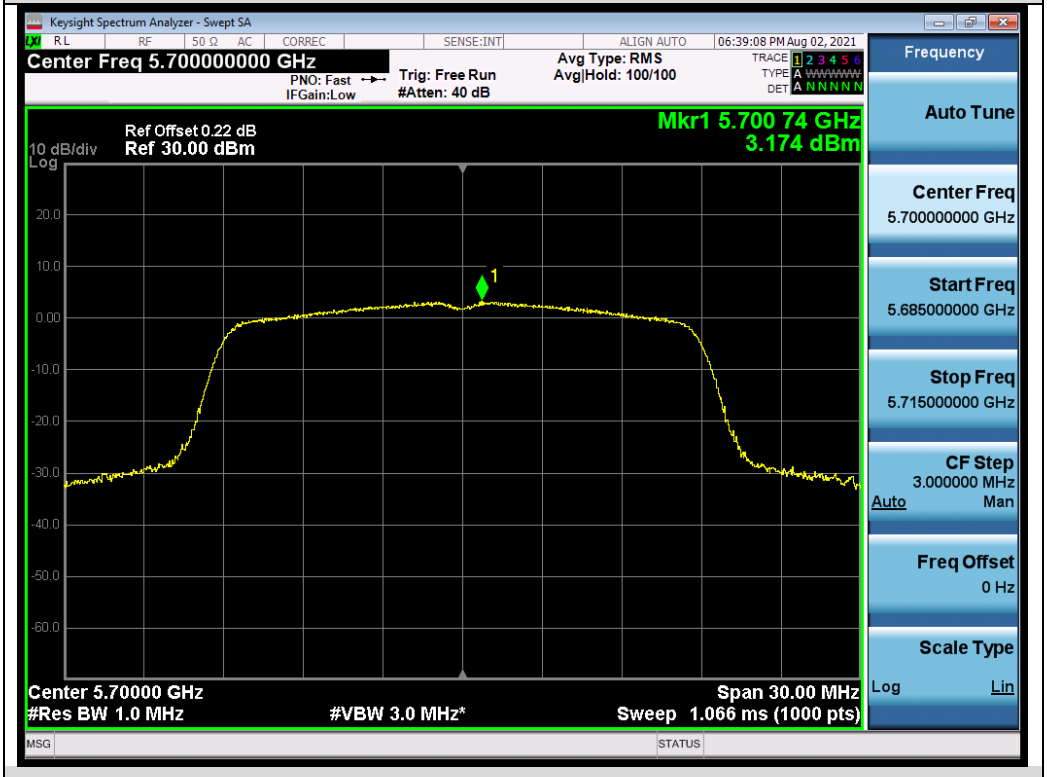
Test_Graph_802.11n40_ANT1_5670_MCS0_PSD



Test_Graph_802.11ac20_ANT1_5500_MCS0_PSD



Test_Graph_802.11ac20_ANT1_5600_MCS0_PSD



Test_Graph_802.11ac20_ANT1_5700_MCS9_PSD

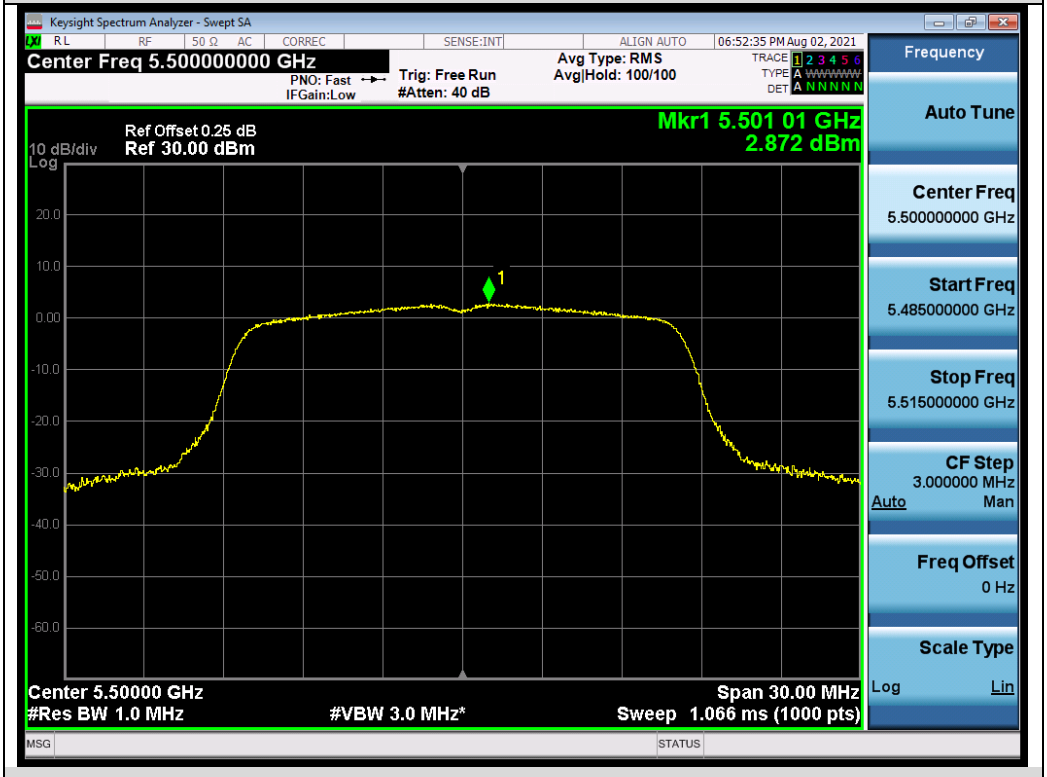
Test_Graph_802.11ac40_ANT1_5510_MCS9_PSD

Test_Graph_802.11ac40_ANT1_5590_MCS9_PSD

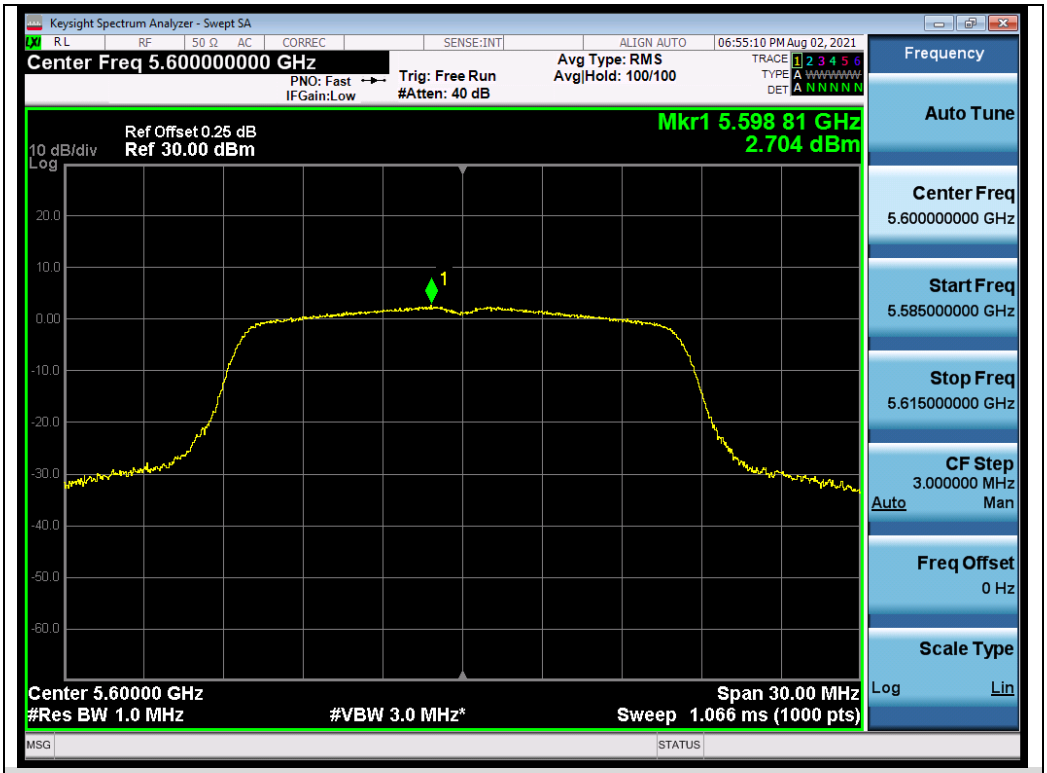
Test_Graph_802.11ac40_ANT1_5670_MCS9_PSD

Test_Graph_802.11ac80_ANT1_5530_MCS9_PSD

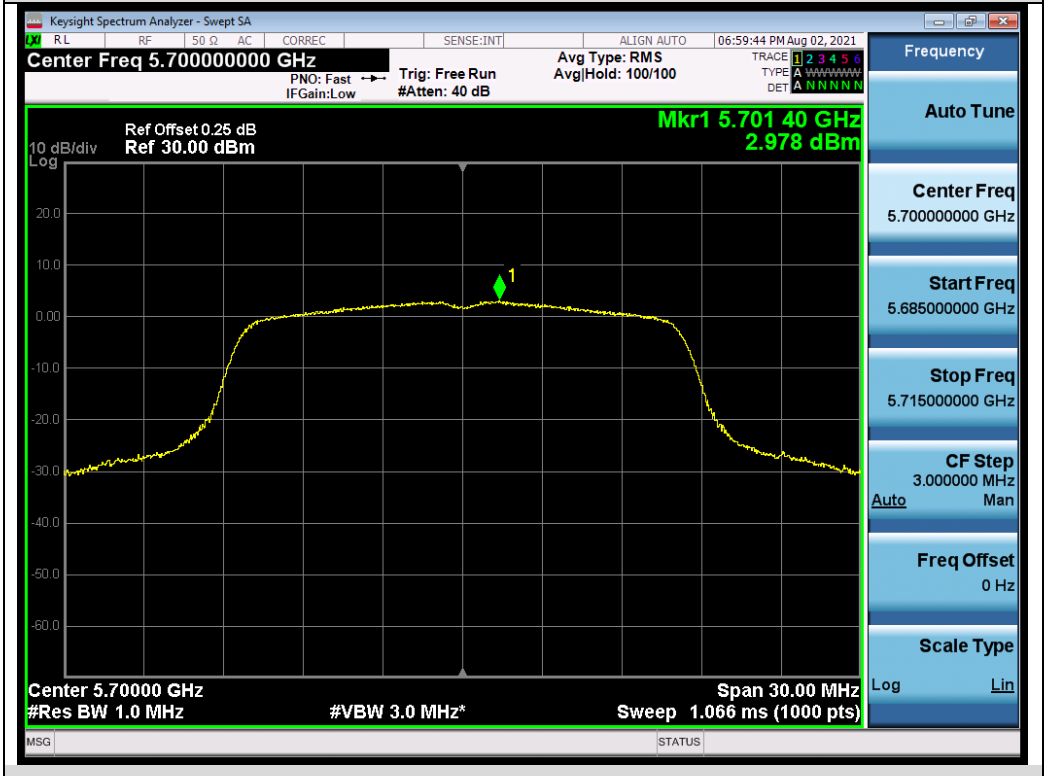
Test_Graph_802.11ac80_ANT1_5610_MCS9_PSD



Test_Graph_802.11a_ANT2_5500_6Mbps_PSD

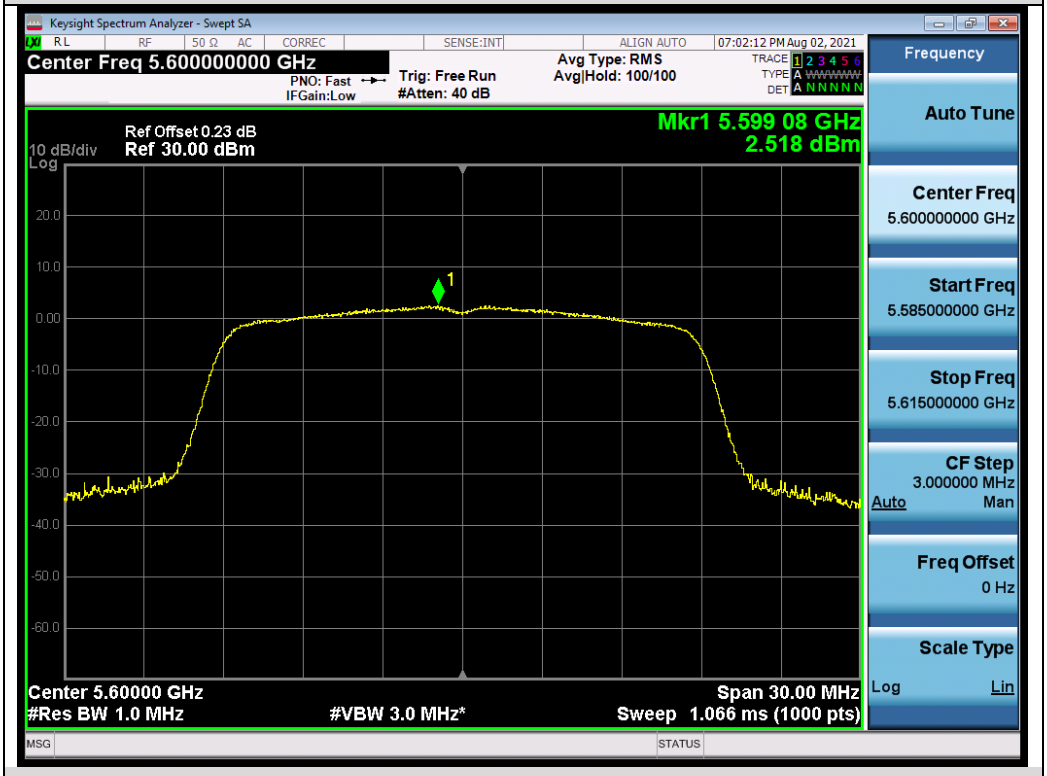


Test_Graph_802.11a_ANT2_5600_6Mbps_PSD



Test_Graph_802.11a_ANT2_5700_6Mbps_PSD

Test_Graph_802.11n20_ANT2_5500_MCS0_PSD



Test_Graph_802.11n20_ANT2_5600_MCS0_PSD

Test_Graph_802.11n20_ANT2_5700_MCS0_PSD

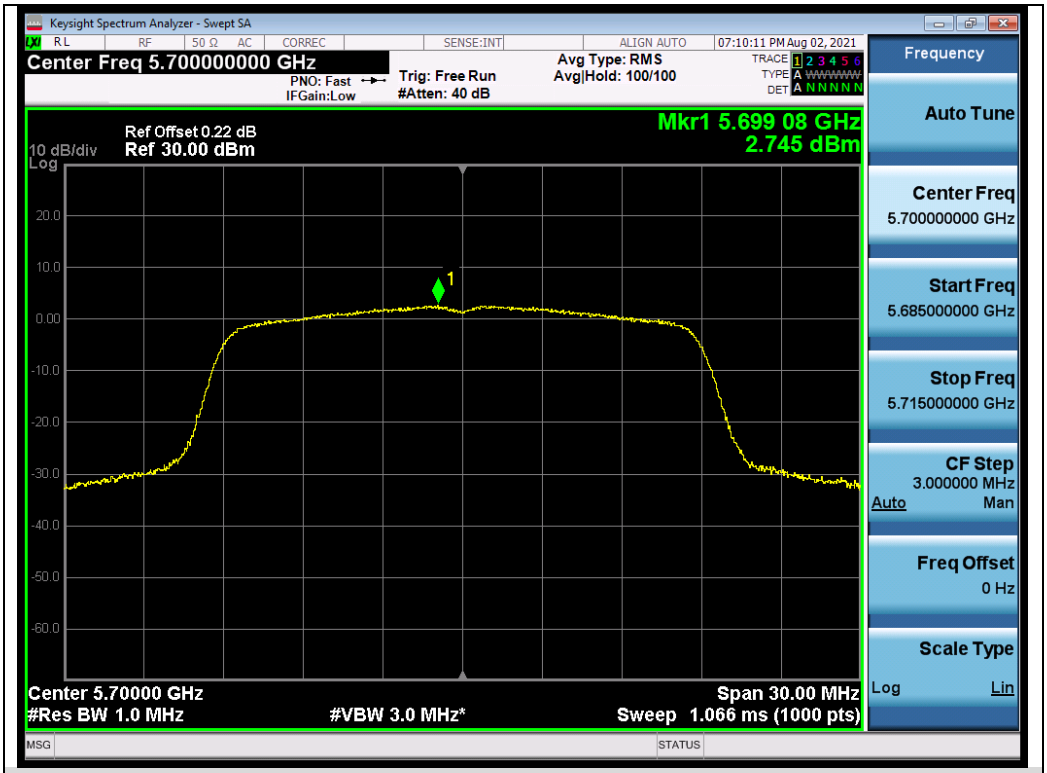
Test_Graph_802.11n40_ANT2_5510_MCS0_PSD

Test_Graph_802.11n40_ANT2_5590_MCS0_PSD

Test_Graph_802.11n40_ANT2_5670_MCS0_PSD

Test_Graph_802.11ac20_ANT2_5500_MCS0_PSD

Test_Graph_802.11ac20_ANT2_5600_MCS0_PSD

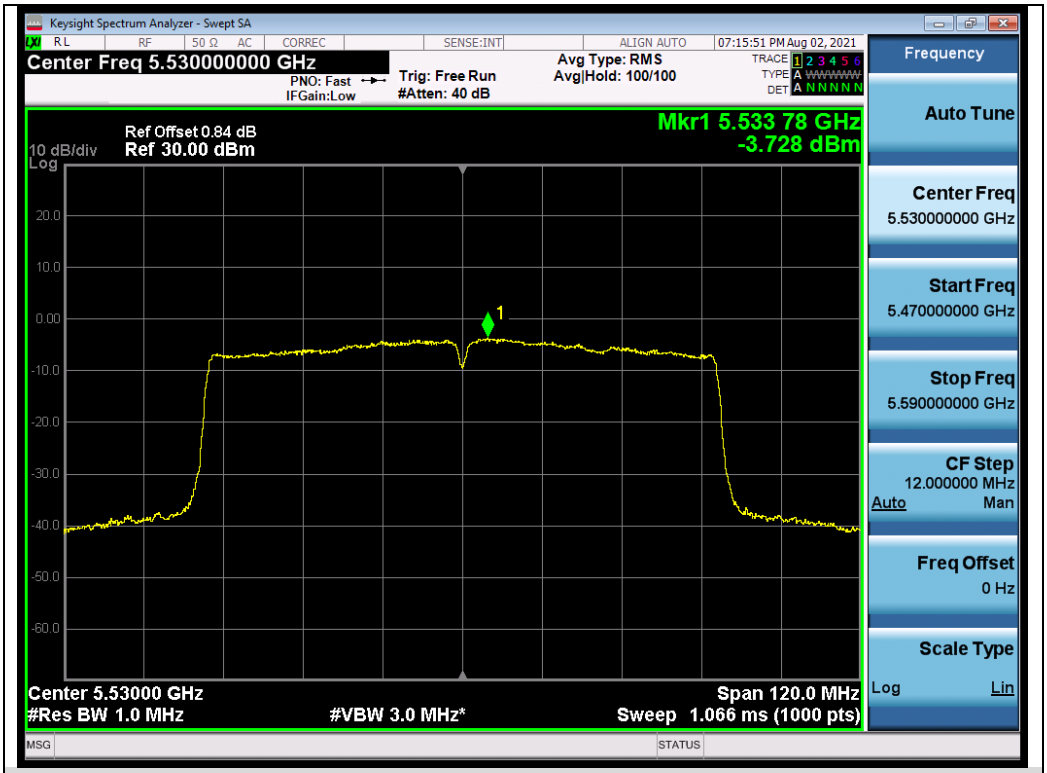


Test_Graph_802.11ac20_ANT2_5700_MCS9_PSD

Test_Graph_802.11ac40_ANT2_5510_MCS9_PSD

Test_Graph_802.11ac40_ANT2_5590_MCS9_PSD

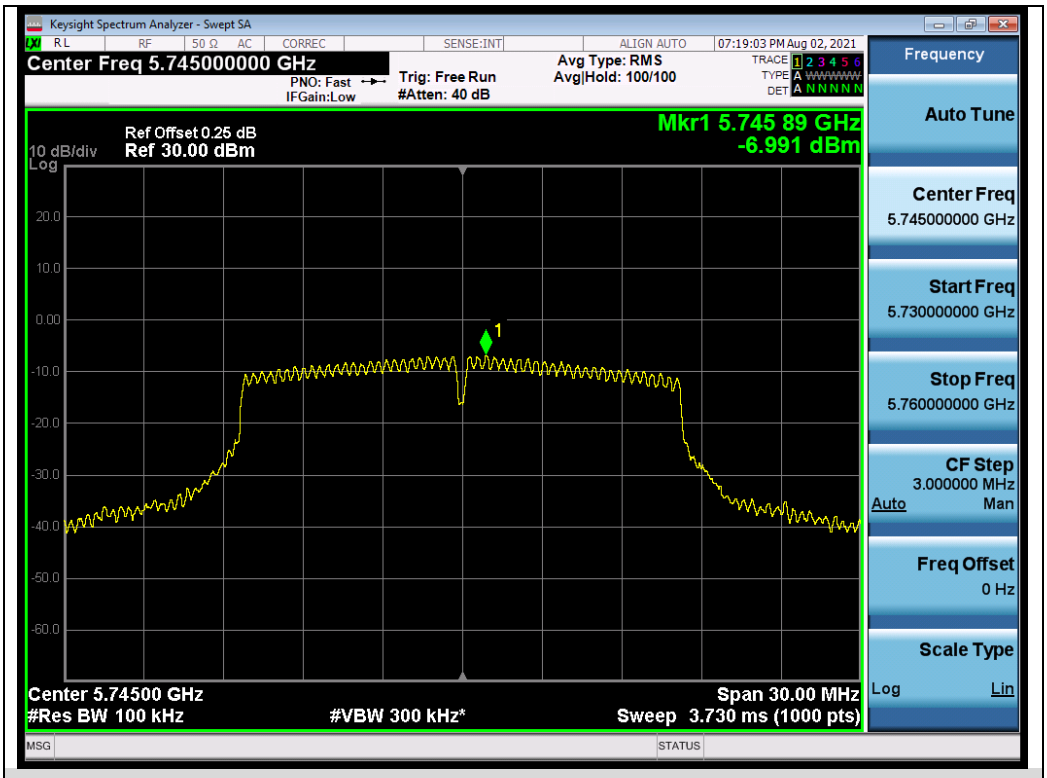
Test_Graph_802.11ac40_ANT2_5670_MCS9_PSD



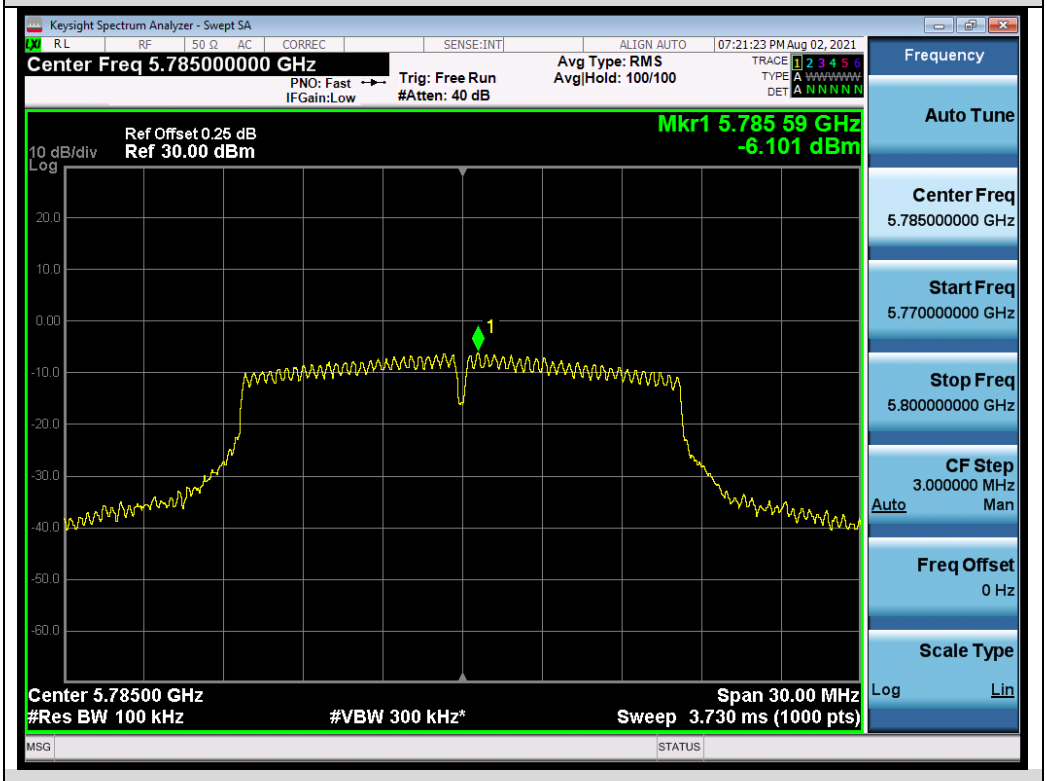
Test_Graph_802.11ac80_ANT2_5530_MCS9_PSD

Test_Graph_802.11ac80_ANT2_5610_MCS9_PSD

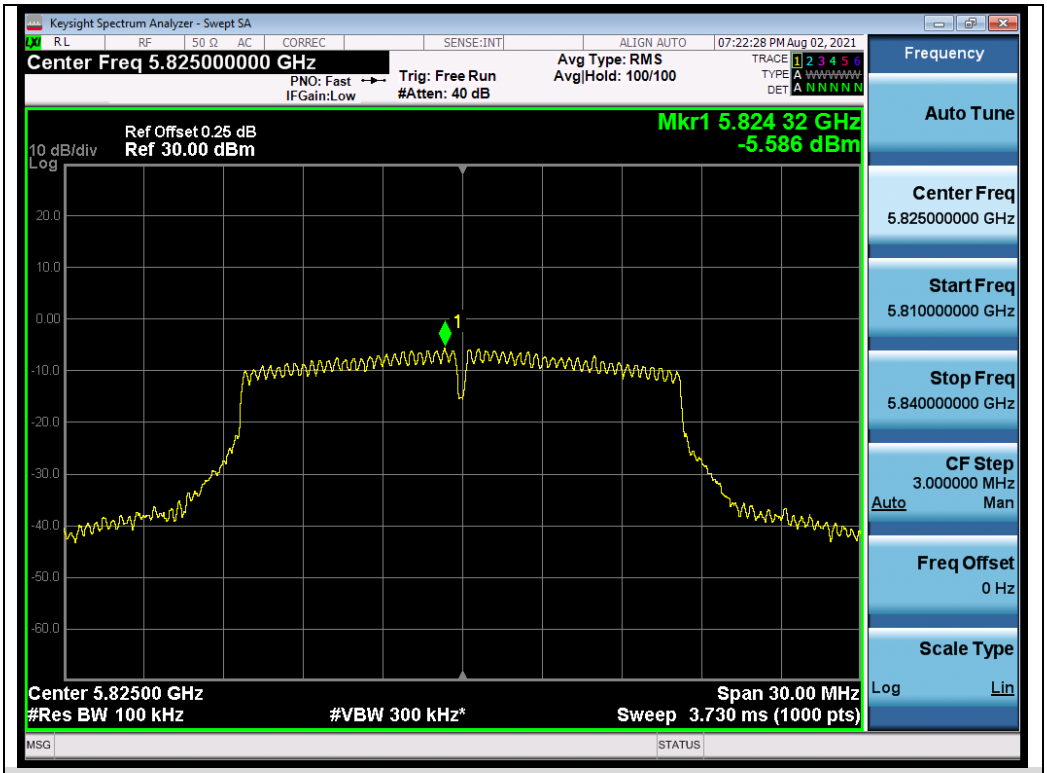
Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz



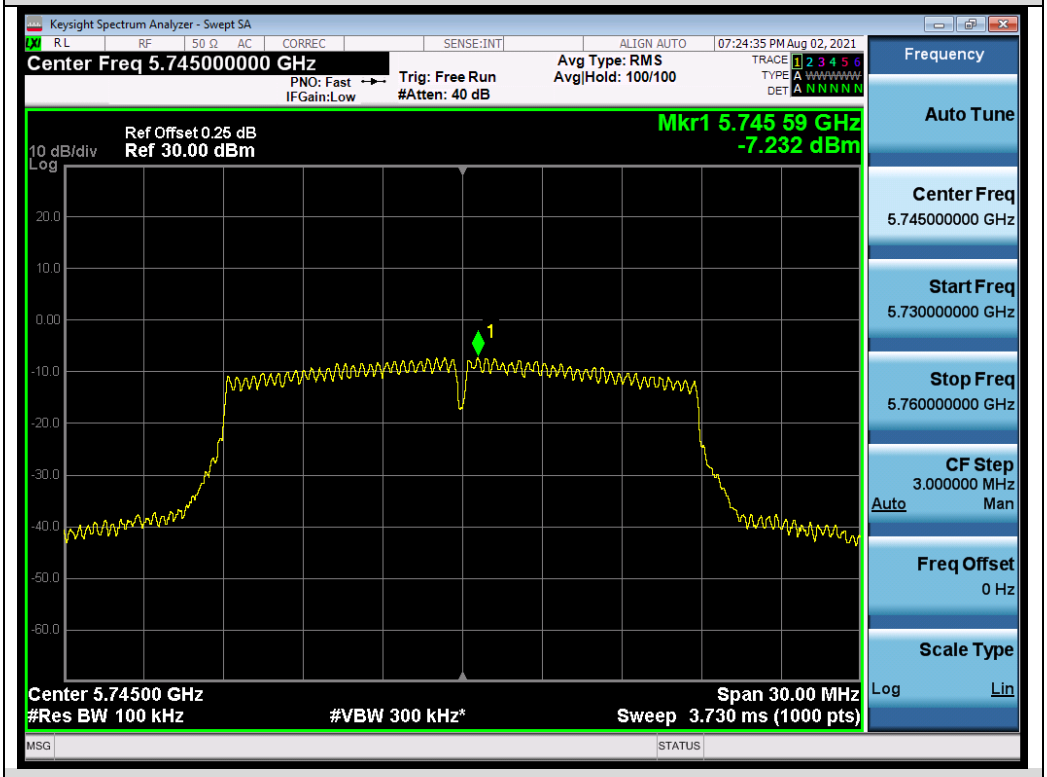
Test_Graph_802.11a_ANT1_5745_6Mbps_PSD



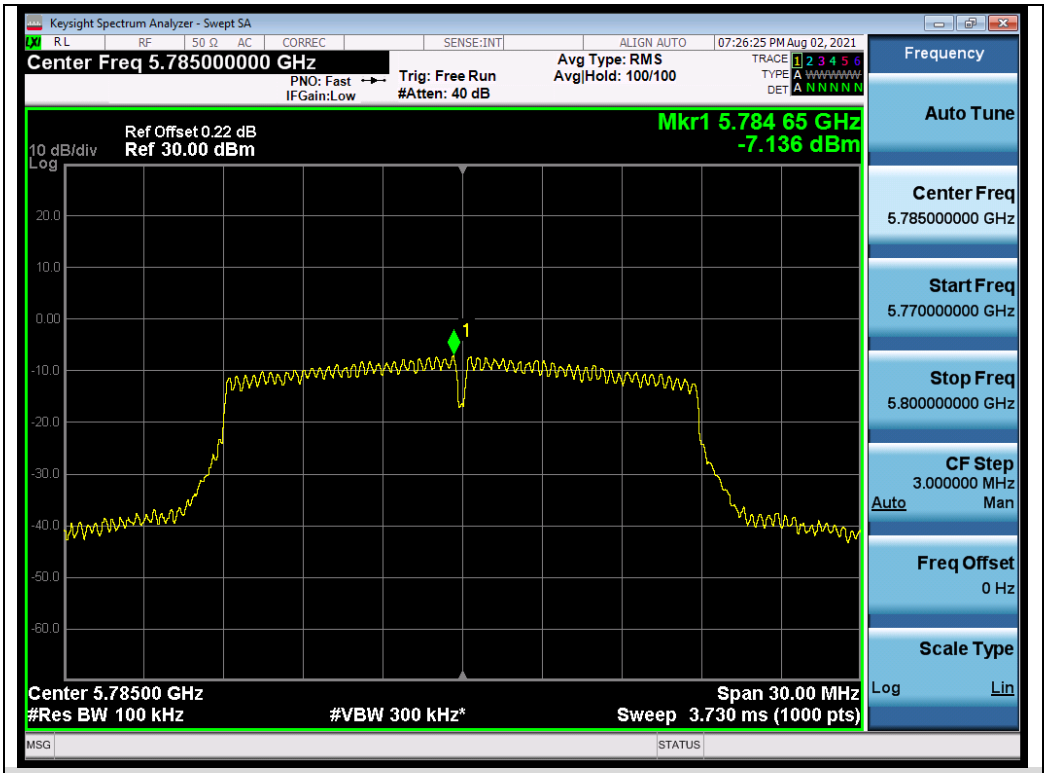
Test_Graph_802.11a_ANT1_5785_6Mbps_PSD



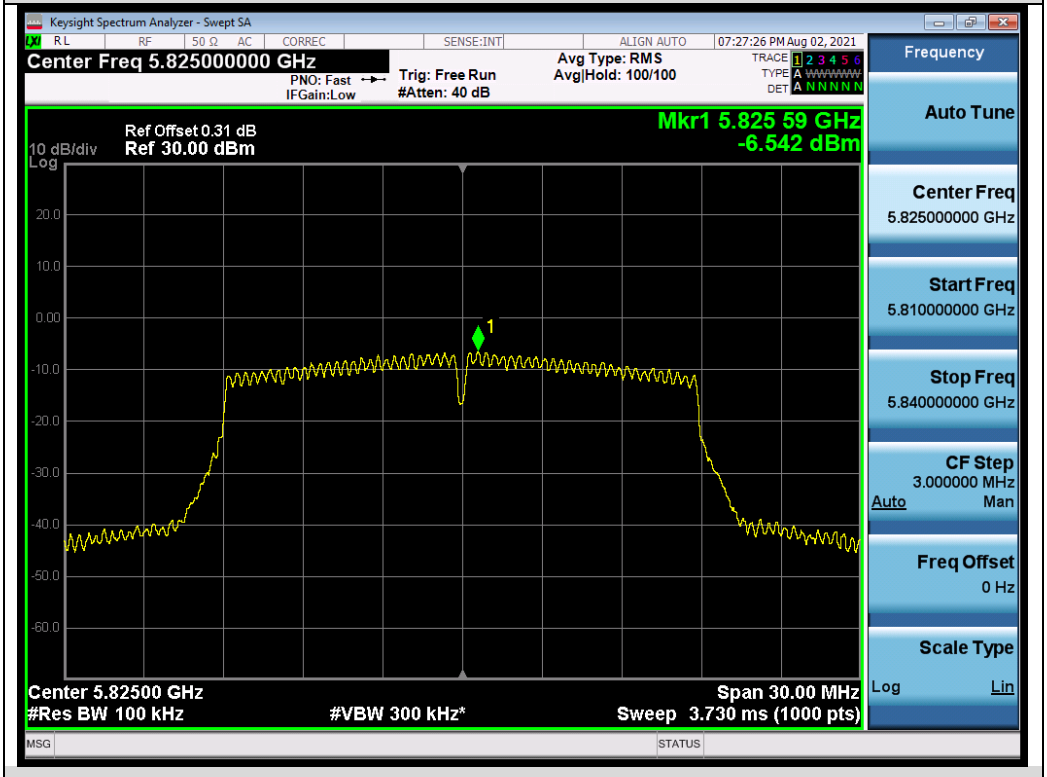
Test_Graph_802.11a_ANT1_5825_6Mbps_PSD



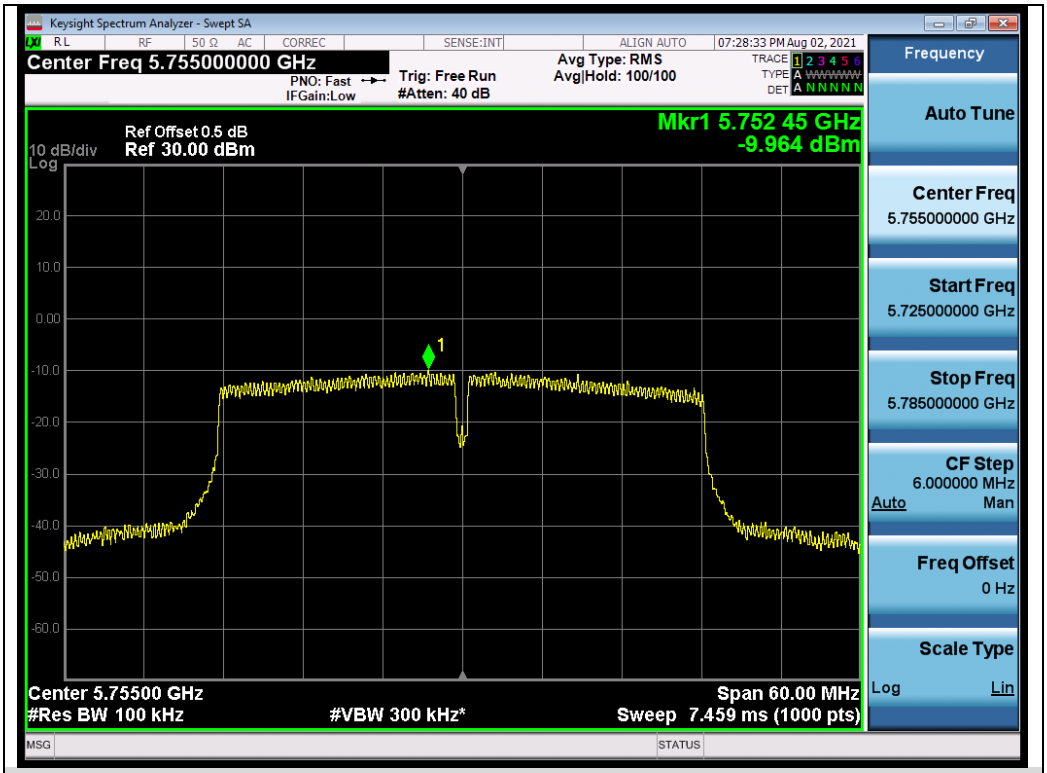
Test_Graph_802.11n20_ANT1_5745_MCS0_PSD



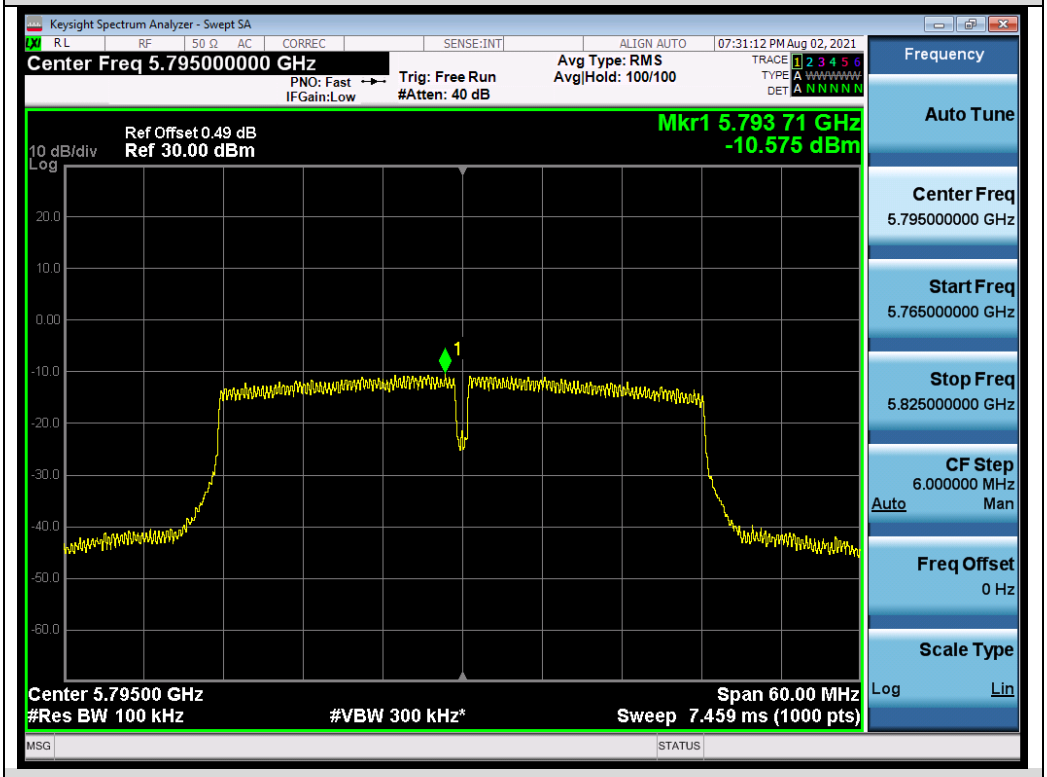
Test_Graph_802.11n20_ANT1_5785_MCS0_PSD



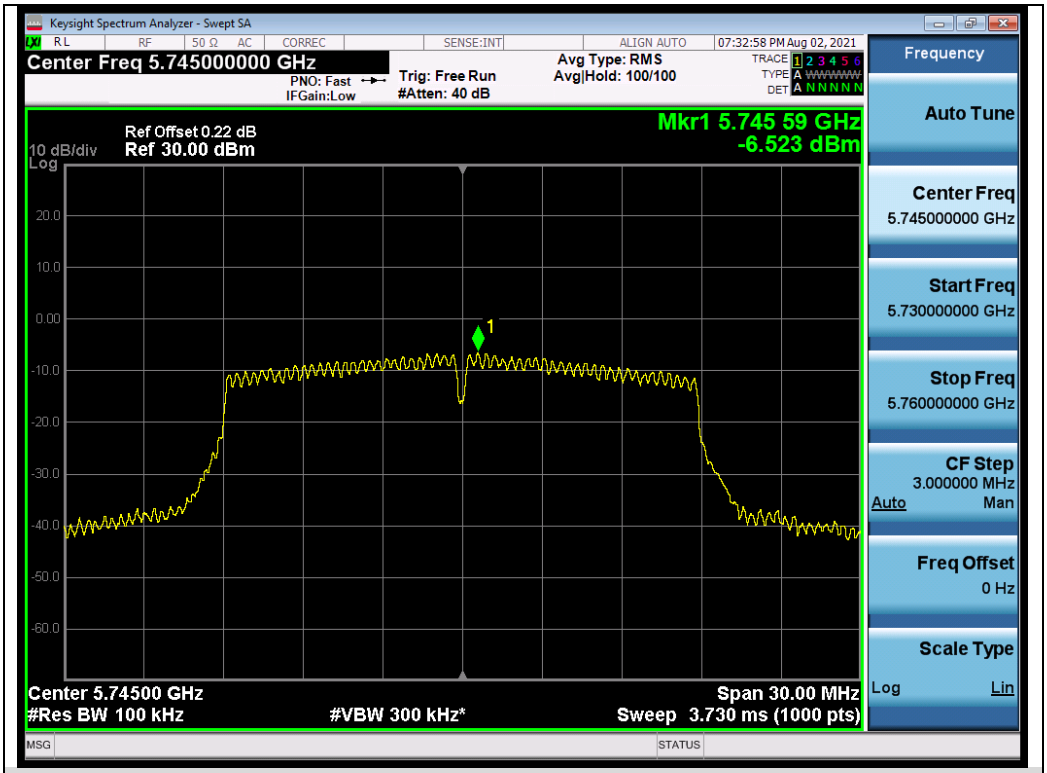
Test_Graph_802.11n20_ANT1_5825_MCS0_PSD



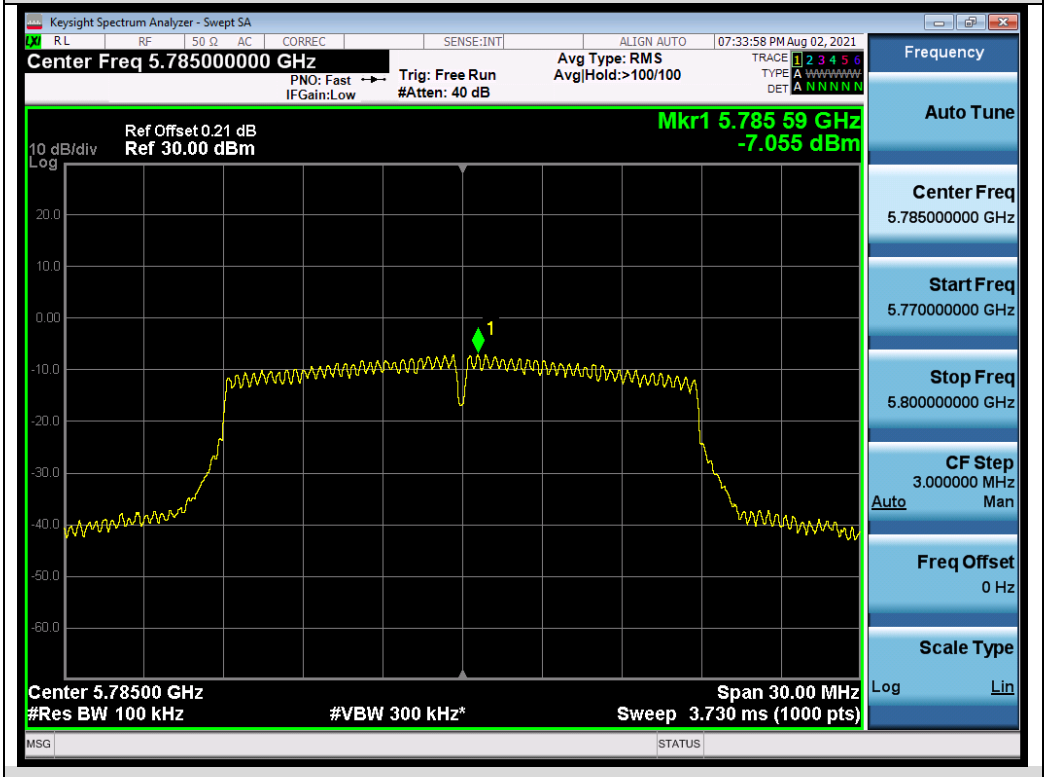
Test_Graph_802.11n40_ANT1_5755_MCS0_PSD



Test_Graph_802.11n40_ANT1_5795_MCS0_PSD

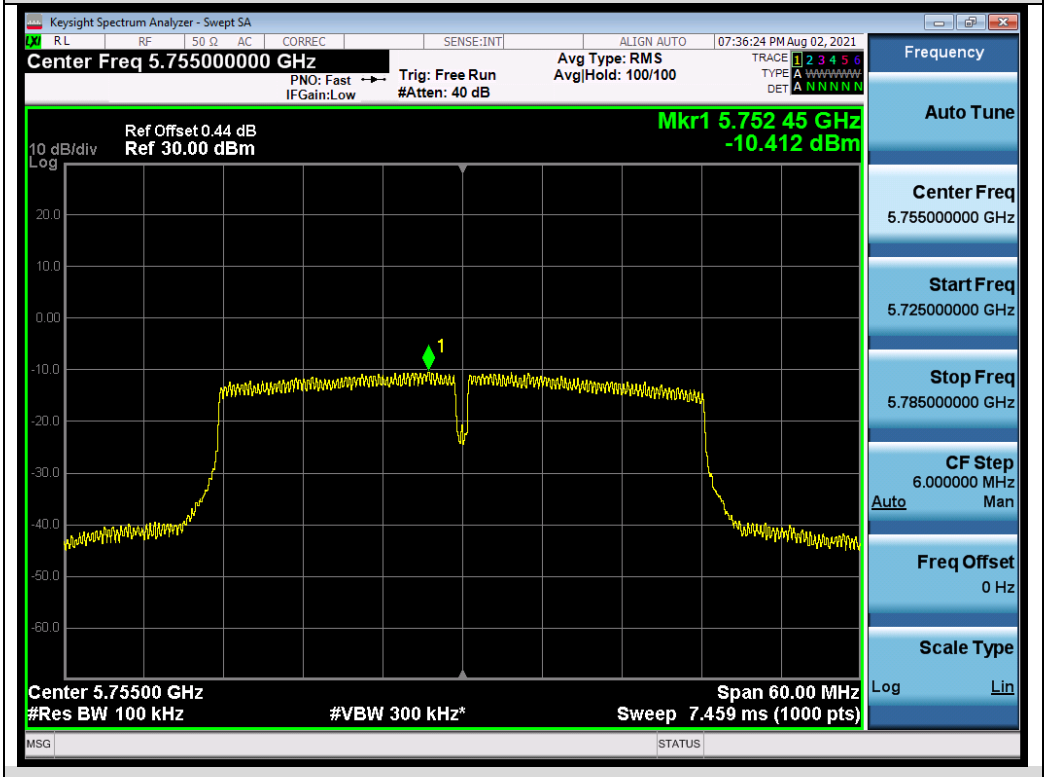


Test_Graph_802.11ac20_ANT1_5745_MCS0_PSD

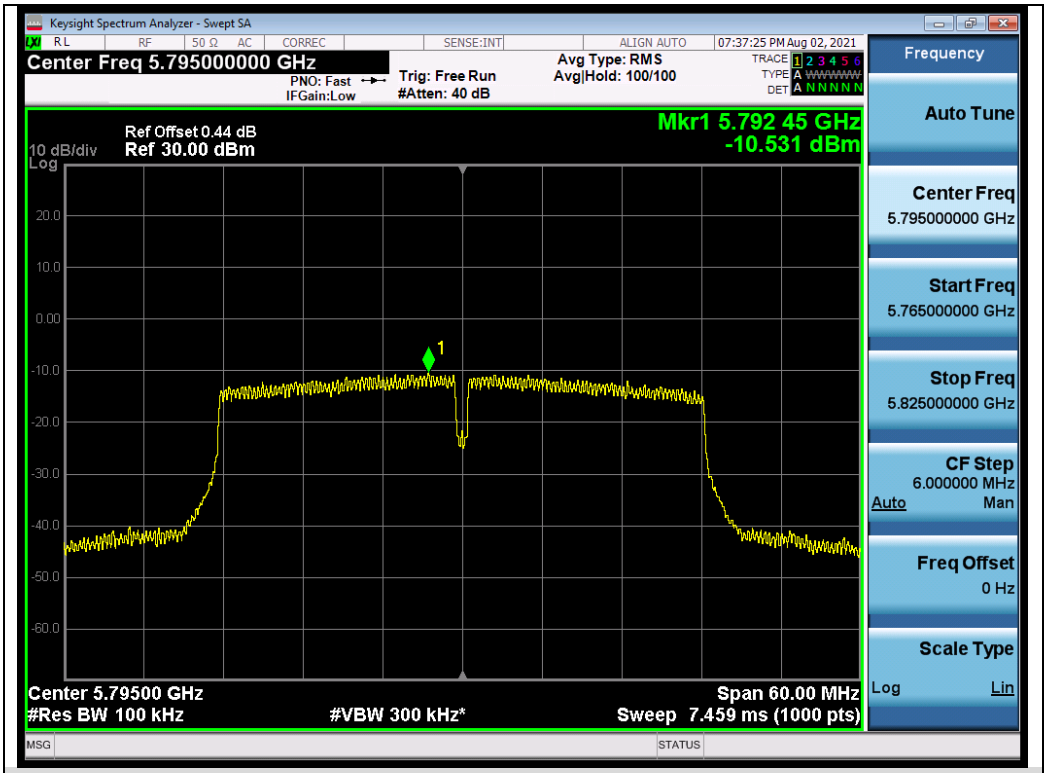


Test_Graph_802.11ac20_ANT1_5785_MCS0_PSD

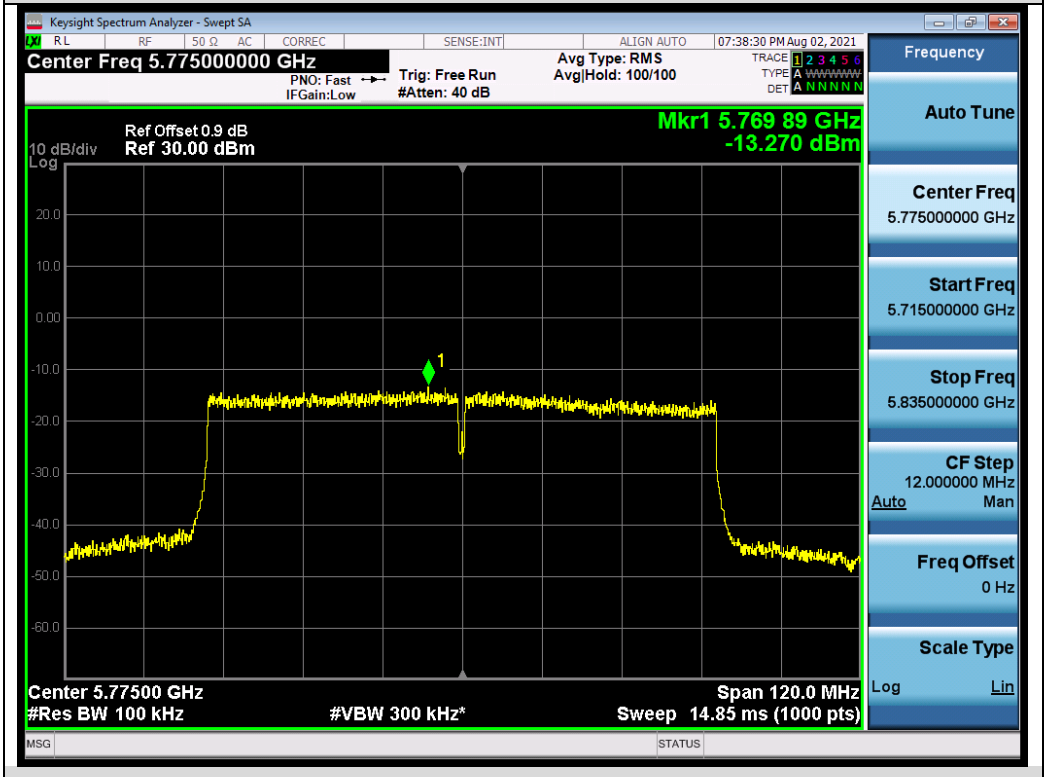
Test_Graph_802.11ac20_ANT1_5825_MCS9_PSD



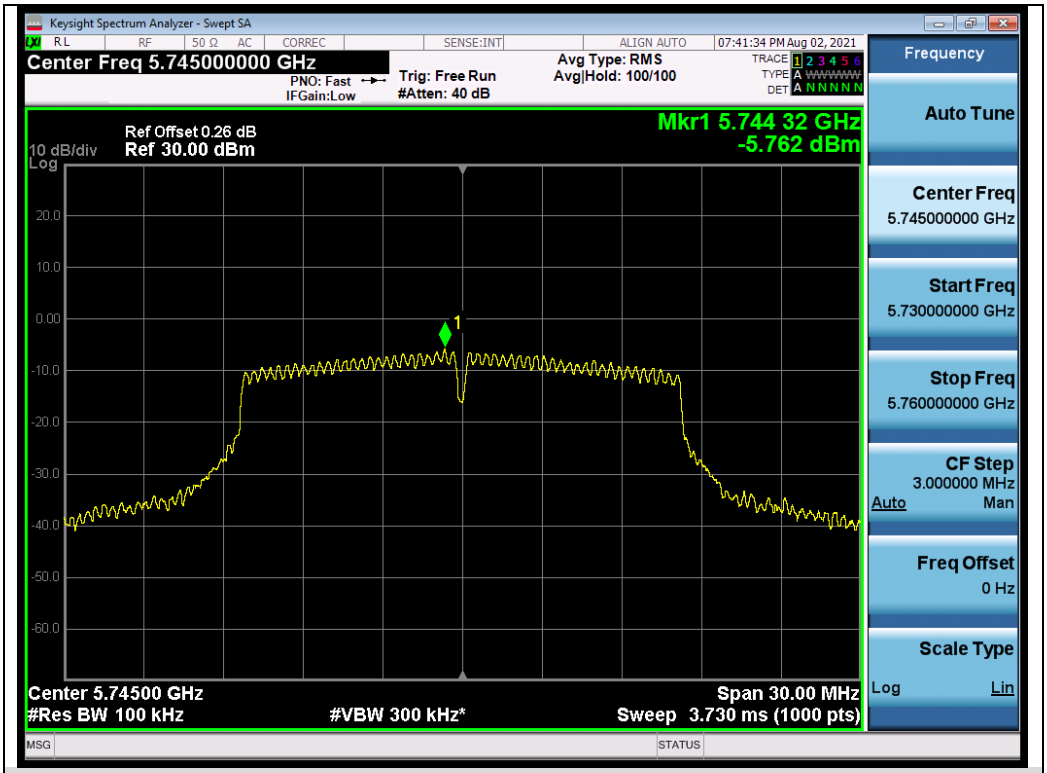
Test_Graph_802.11ac40_ANT1_5755_MCS9_PSD



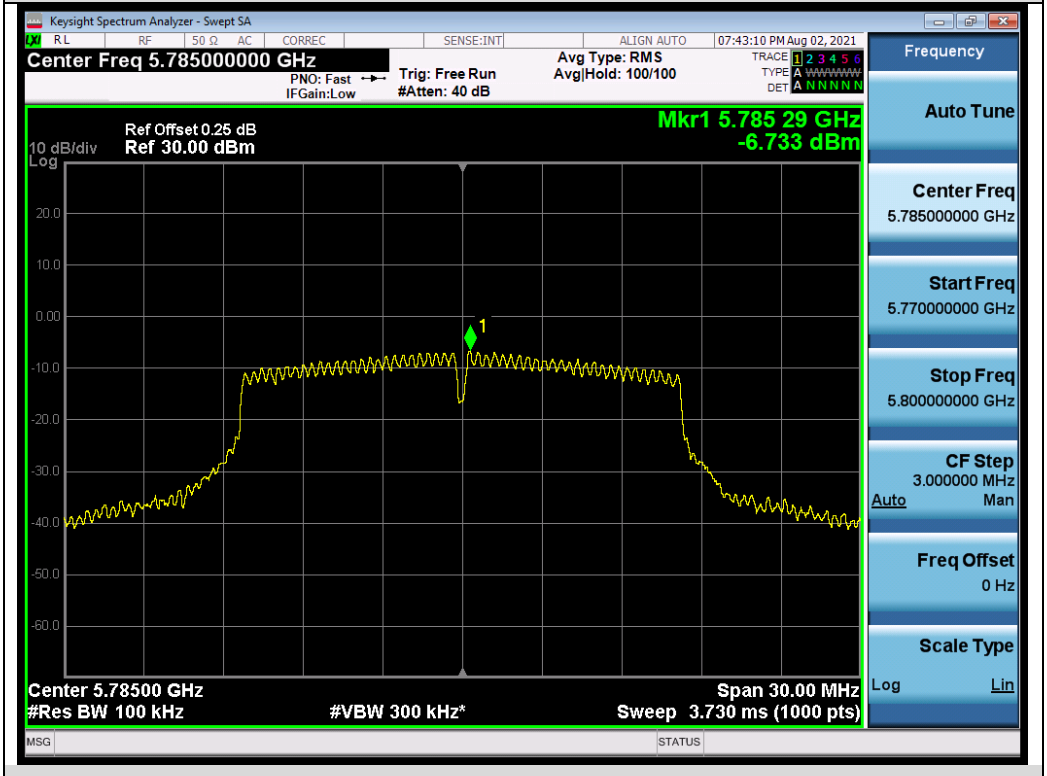
Test_Graph_802.11ac40_ANT1_5795_MCS9_PSD



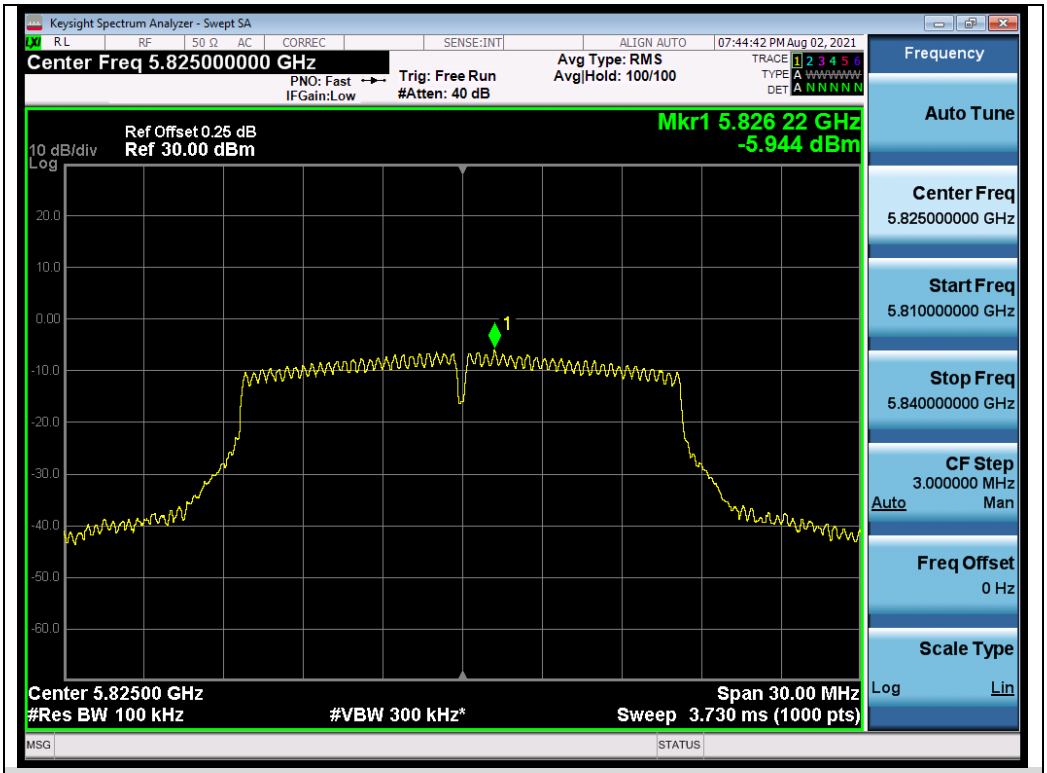
Test_Graph_802.11ac80_ANT1_5775_MCS9_PSD



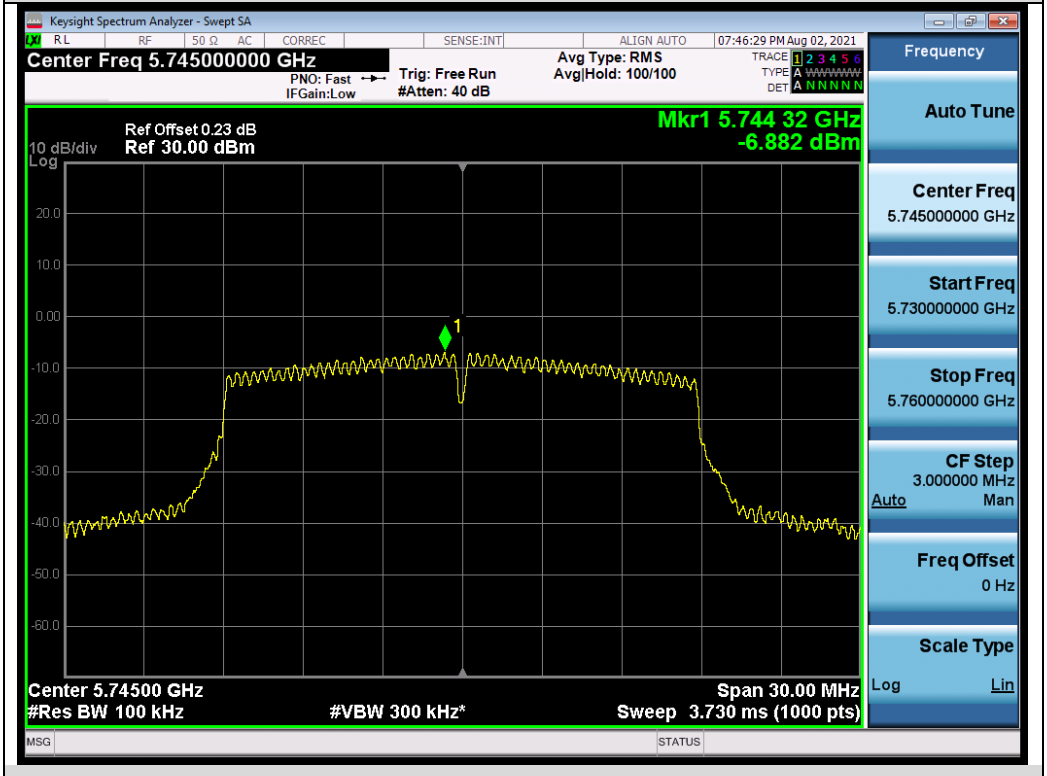
Test_Graph_802.11a_ANT2_5745_6Mbps_PSD



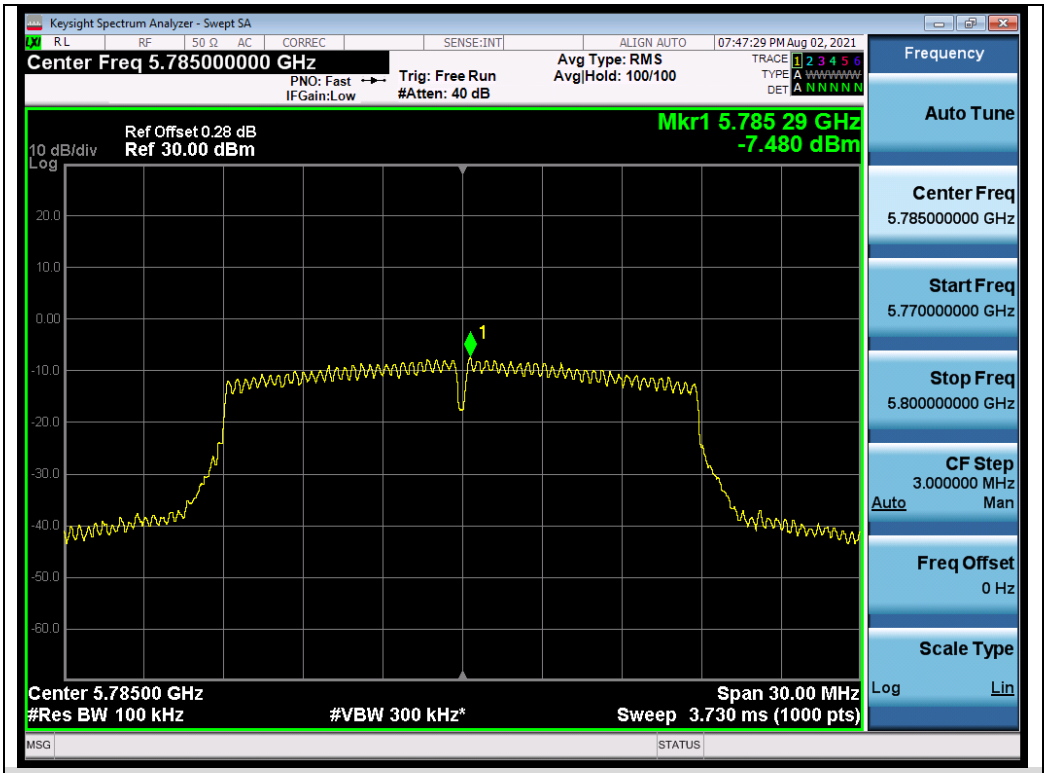
Test_Graph_802.11a_ANT2_5785_6Mbps_PSD



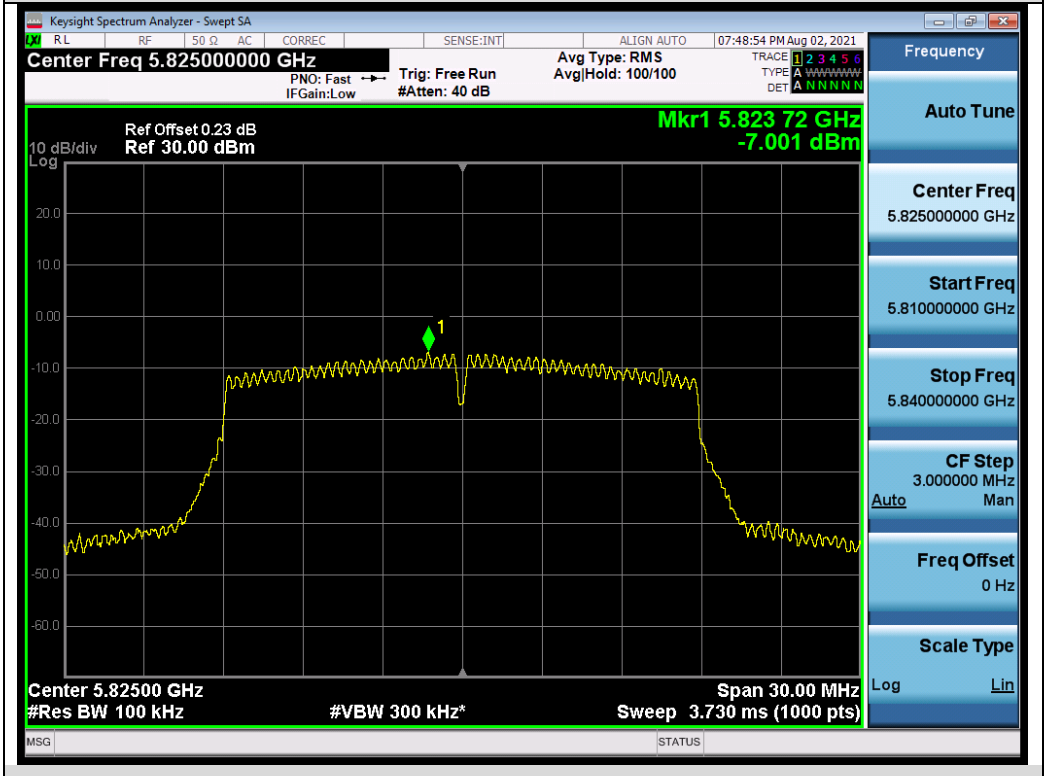
Test_Graph_802.11a_ANT2_5825_6Mbps_PSD



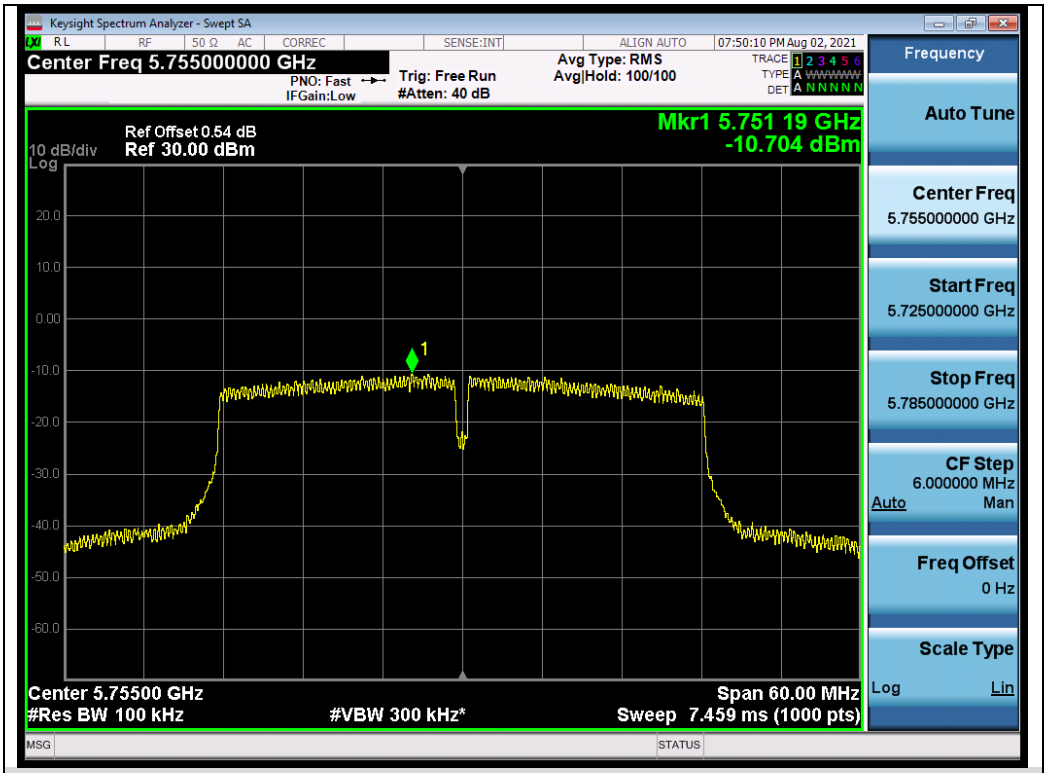
Test_Graph_802.11n20_ANT2_5745_MCS0_PSD



Test_Graph_802.11n20_ANT2_5785_MCS0_PSD

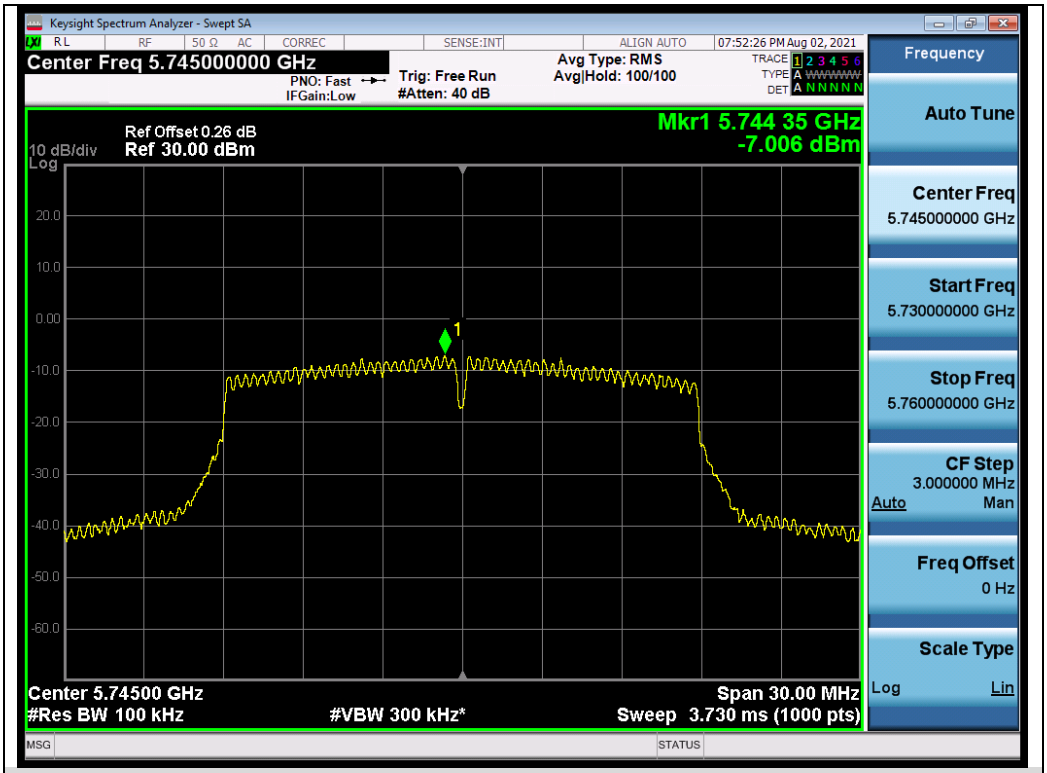


Test_Graph_802.11n20_ANT2_5825_MCS0_PSD

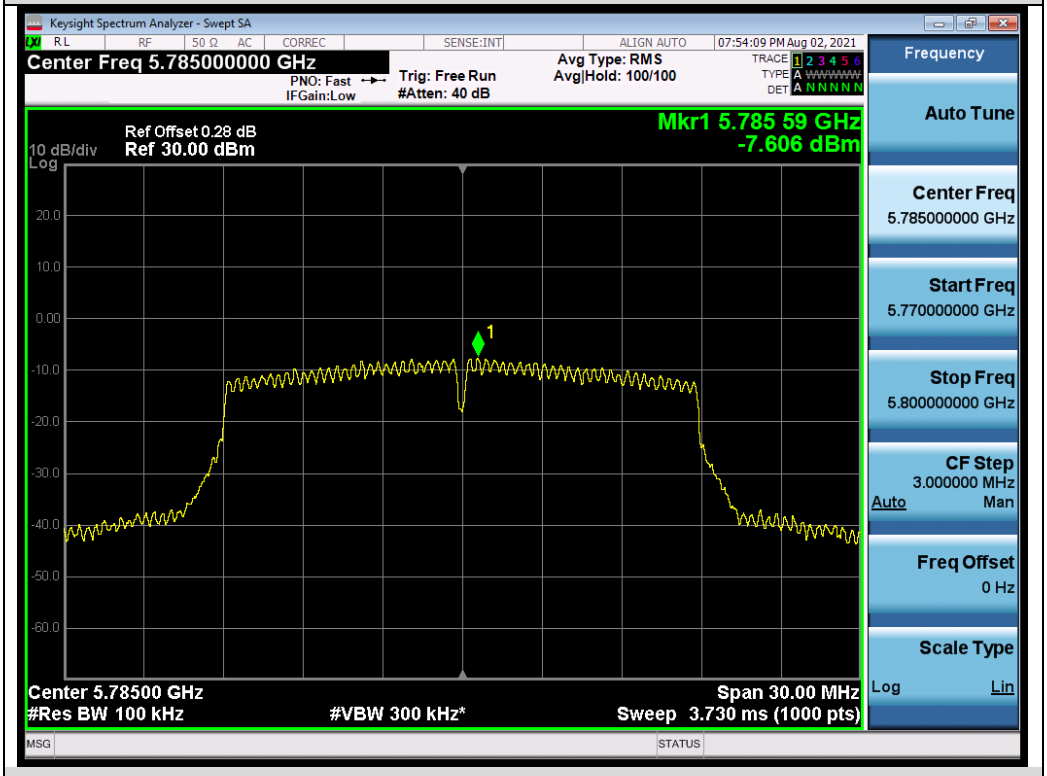


Test_Graph_802.11n40_ANT2_5755_MCS0_PSD

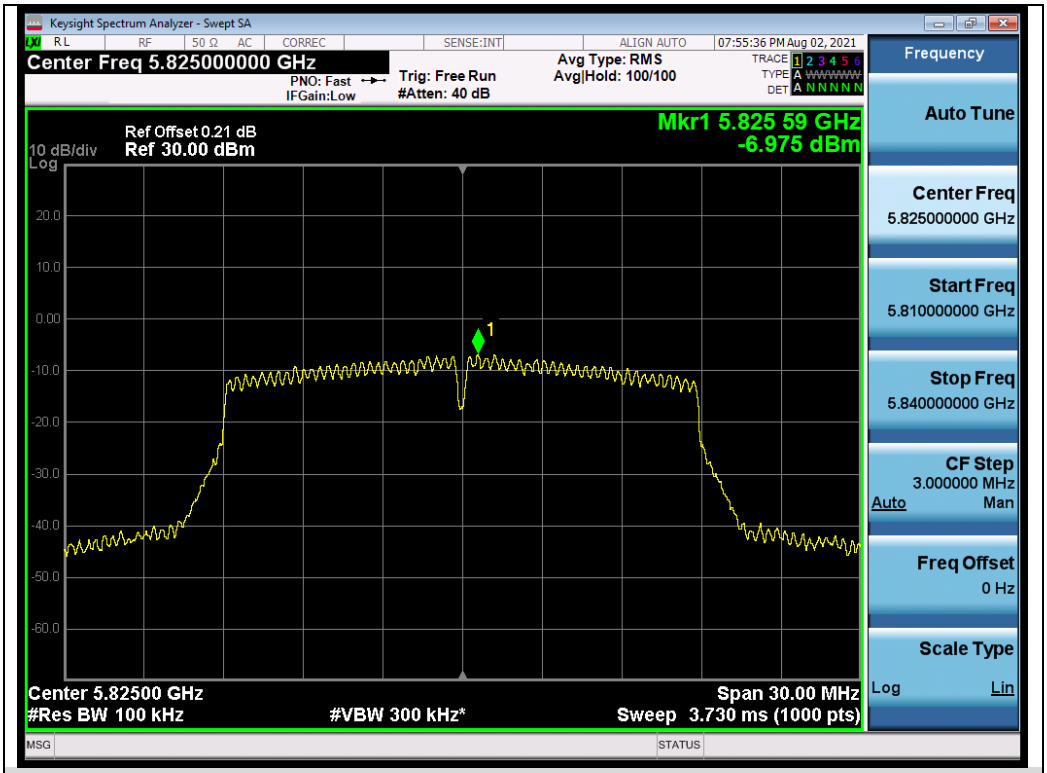
Test_Graph_802.11n40_ANT2_5795_MCS0_PSD



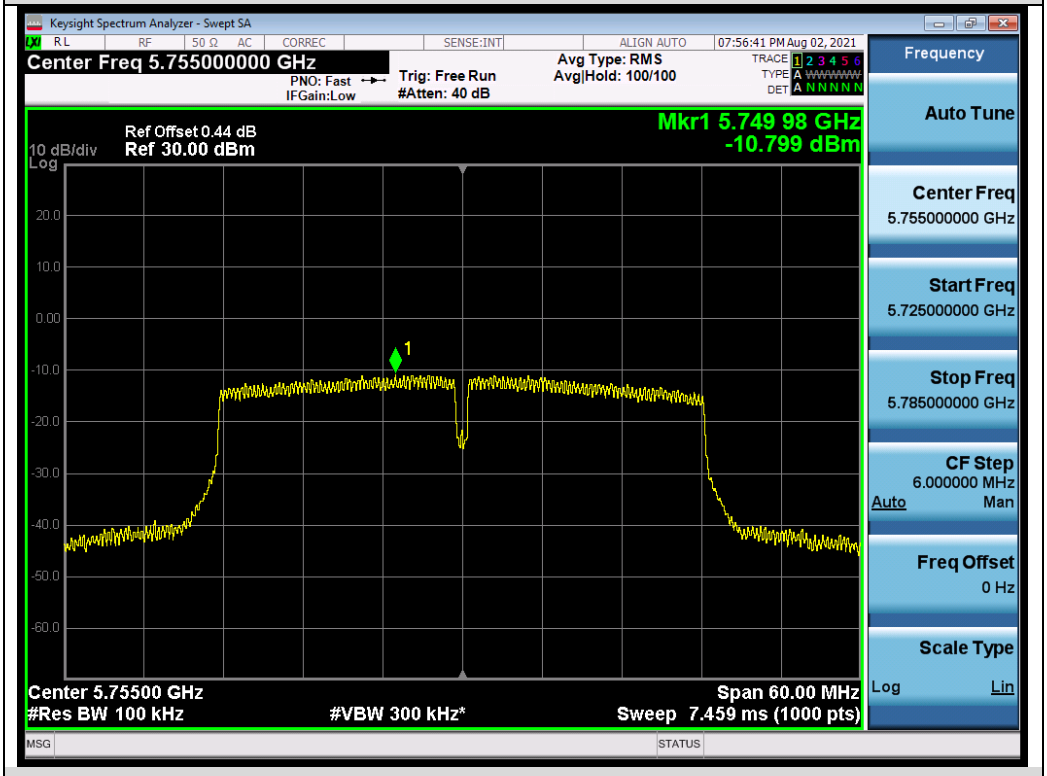
Test_Graph_802.11ac20_ANT2_5745_MCS0_PSD



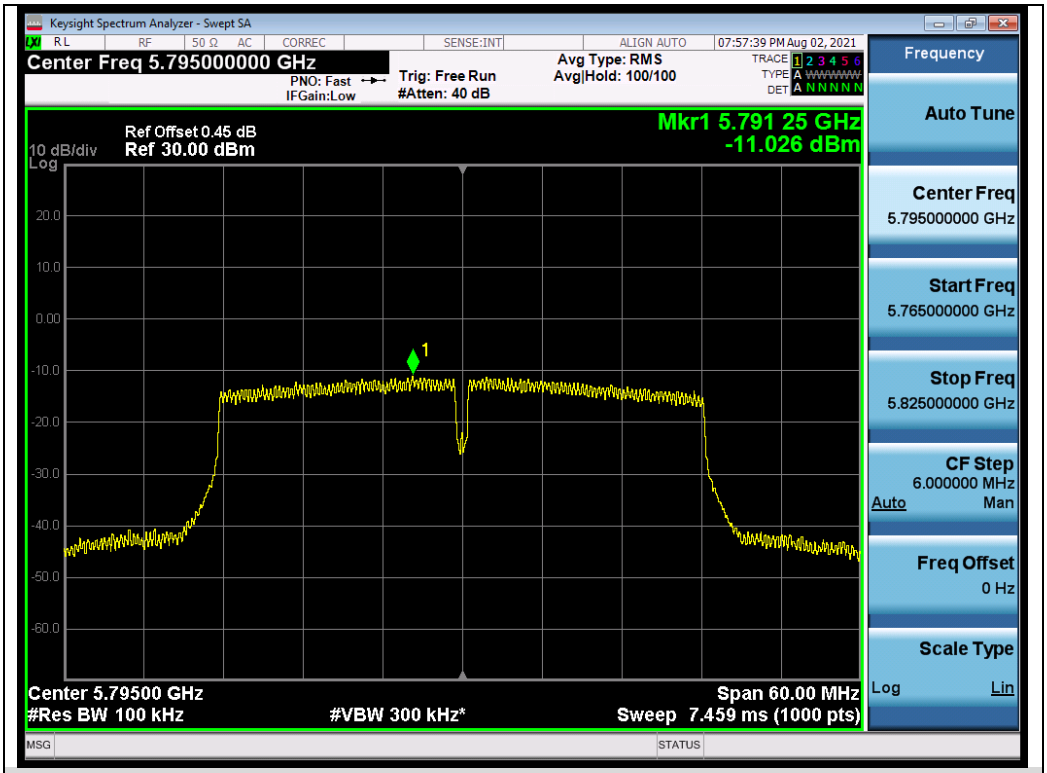
Test_Graph_802.11ac20_ANT2_5785_MCS0_PSD



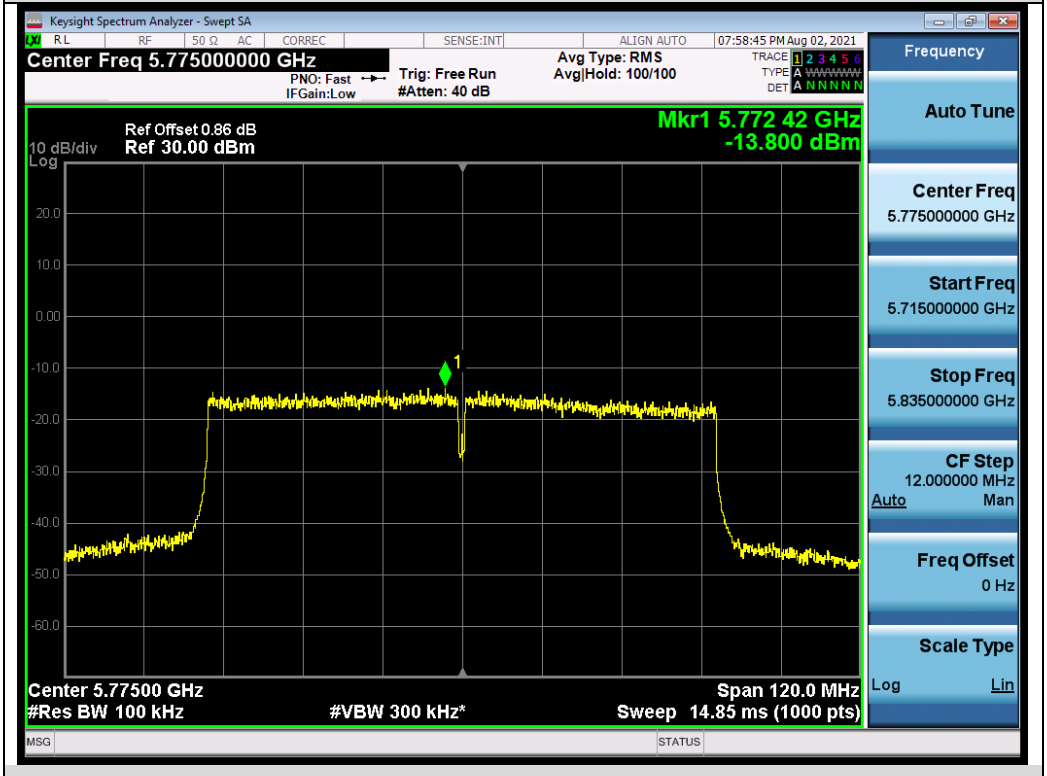
Test_Graph_802.11ac20_ANT2_5825_MCS9_PSD



Test_Graph_802.11ac40_ANT2_5755_MCS9_PSD



Test_Graph_802.11ac40_ANT2_5795_MCS9_PSD



Test_Graph_802.11ac80_ANT2_5775_MCS9_PSD

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	**Criteria**
-27dBm/MHz	5150MHz-5250MHz	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-5850MHz	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.