

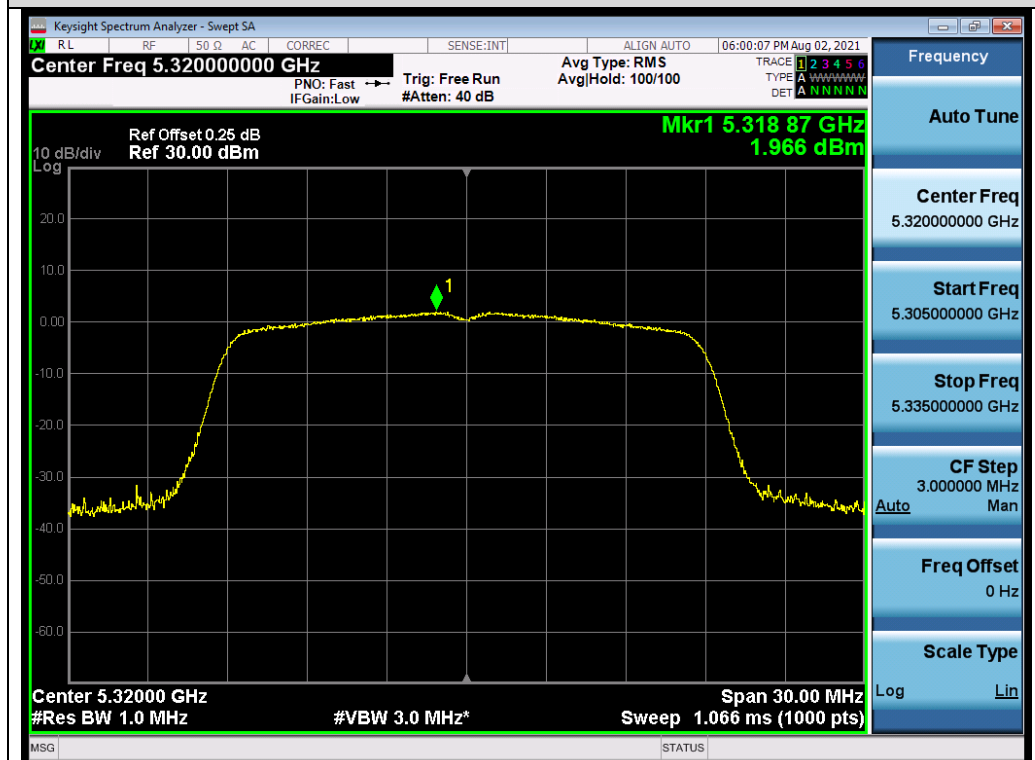


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Test_Graph_802.11n20_ANT2_5300_MCS0_PSD

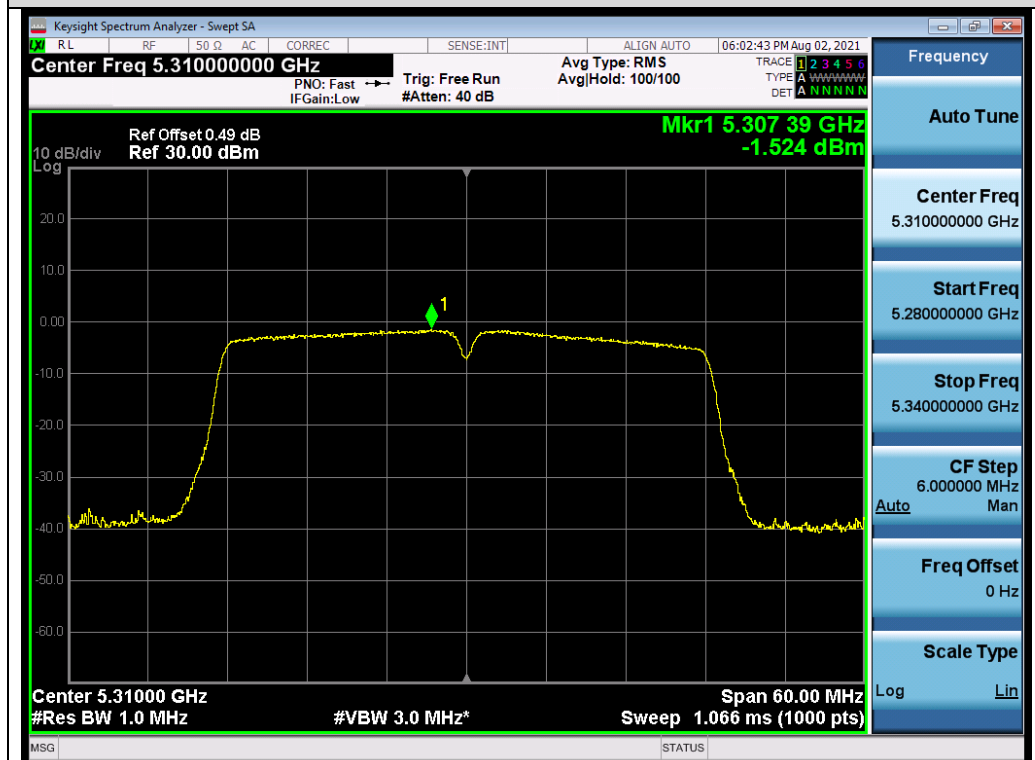


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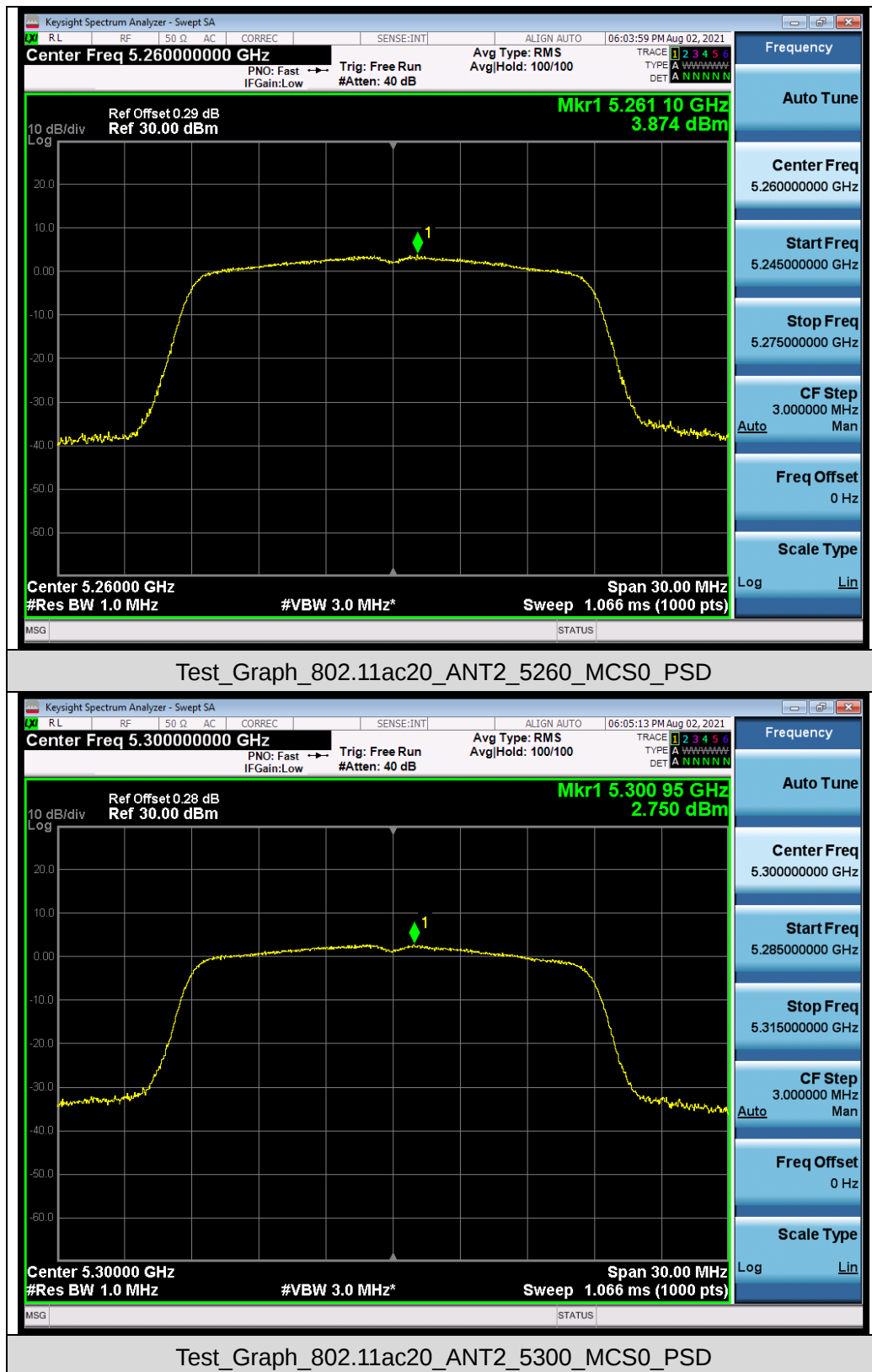


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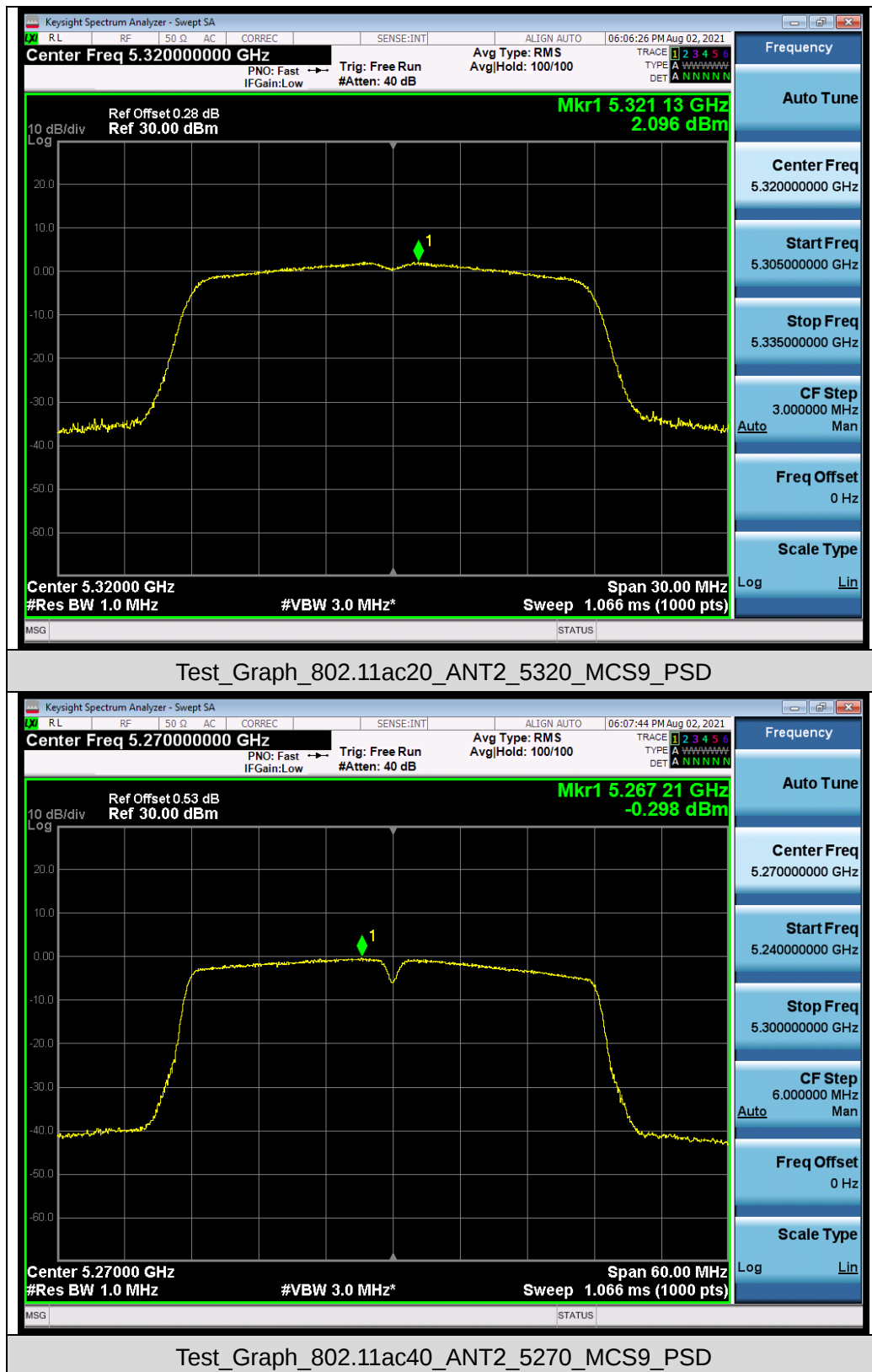


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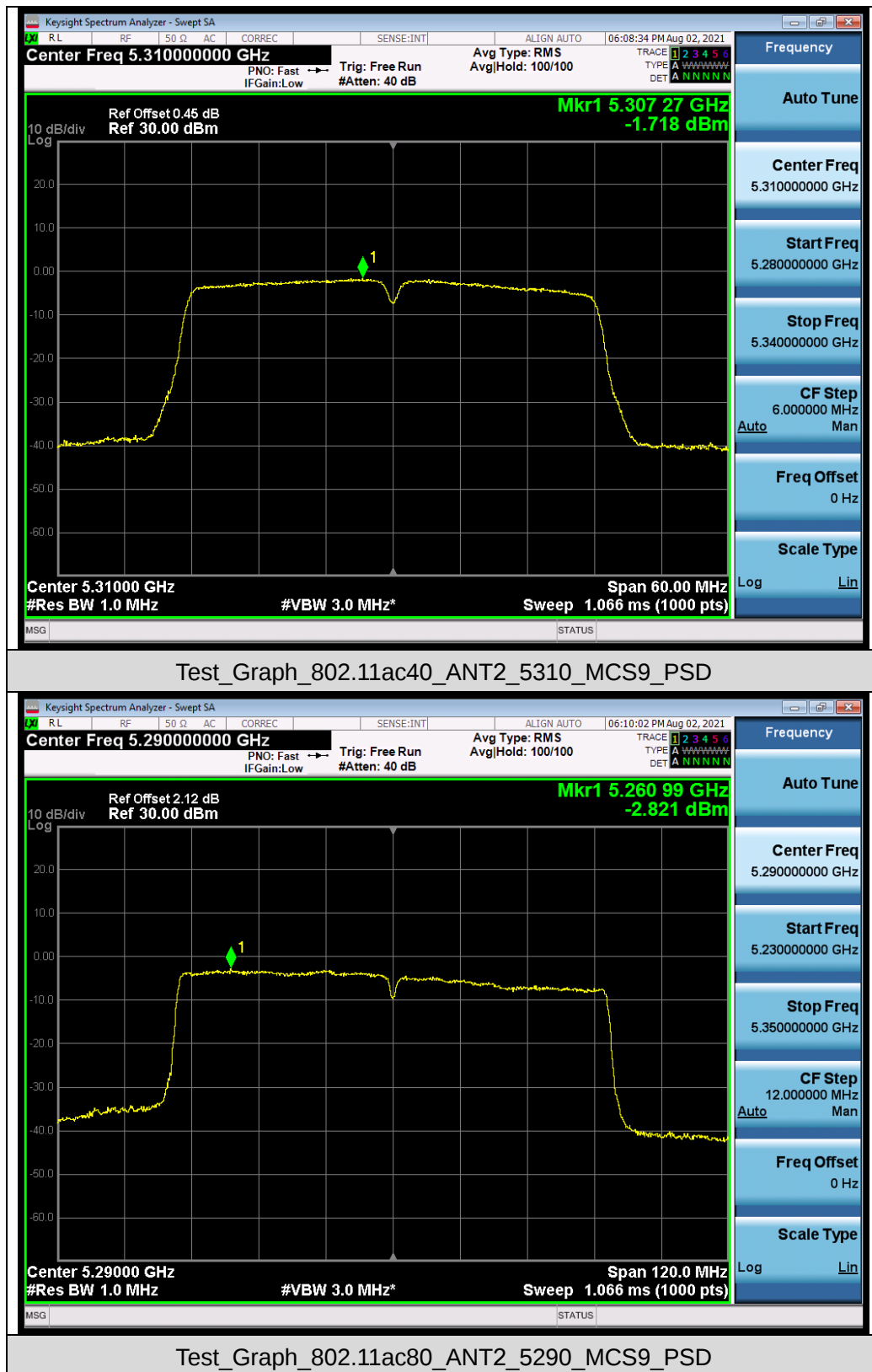
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Test Graphs of Conducted Output Power Spectral Density for band 5.47-5.725 GHz

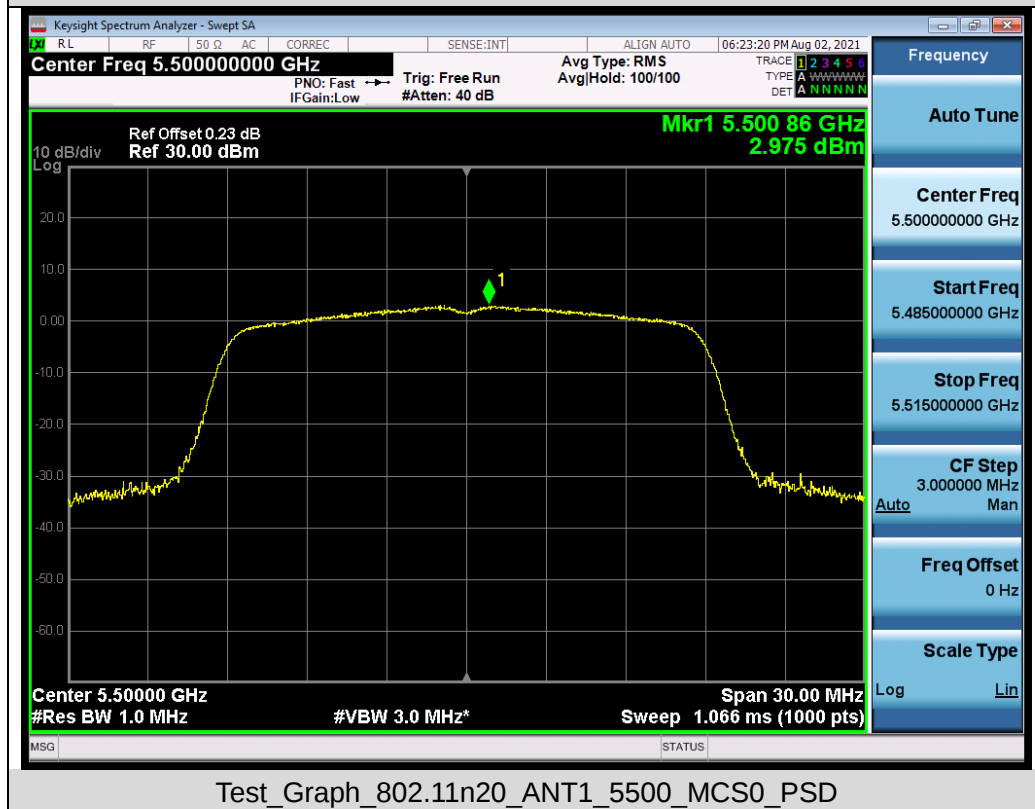


Test_Graph_802.11a_ANT1_5500_6Mbps_PSD



Test_Graph_802.11a_ANT1_5600_6Mbps_PSD

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Test_Graph_802.11n40_ANT1_5510_MCS0_PSD



Test_Graph_802.11n40_ANT1_5590_MCS0_PSD

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Test_Graph_802.11n40_ANT1_5670_MCS0_PSD

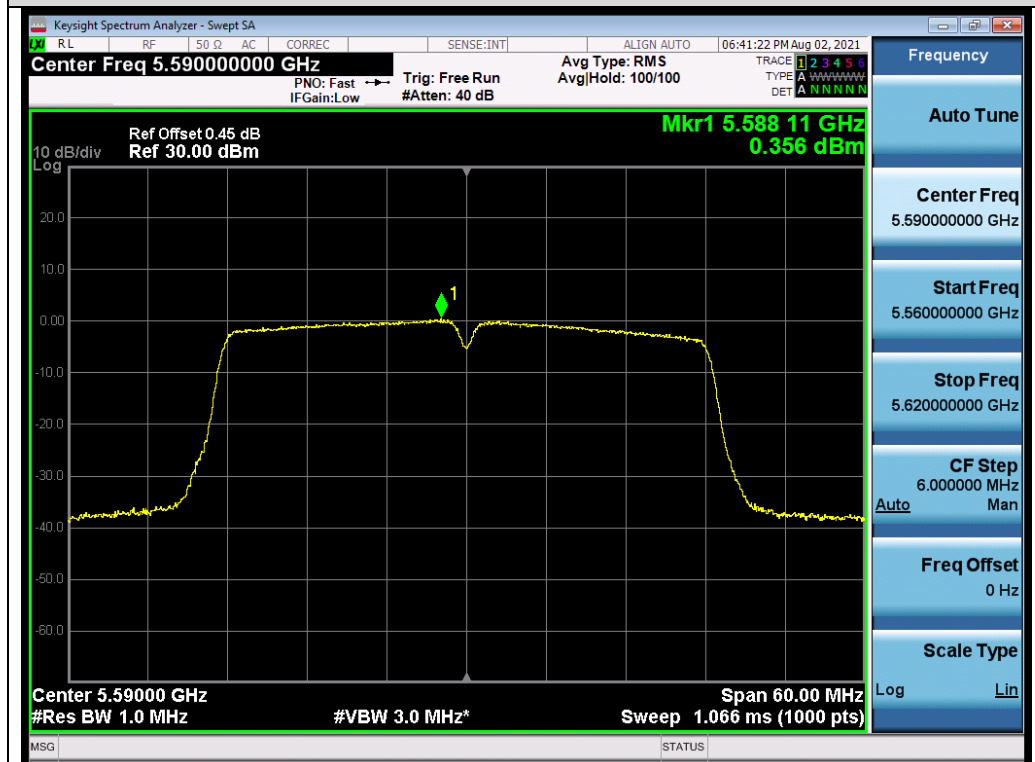


Test_Graph_802.11ac20_ANT1_5500_MCS0_PSD

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Test_Graph_802.11ac40_ANT1_5670_MCS9_PSD

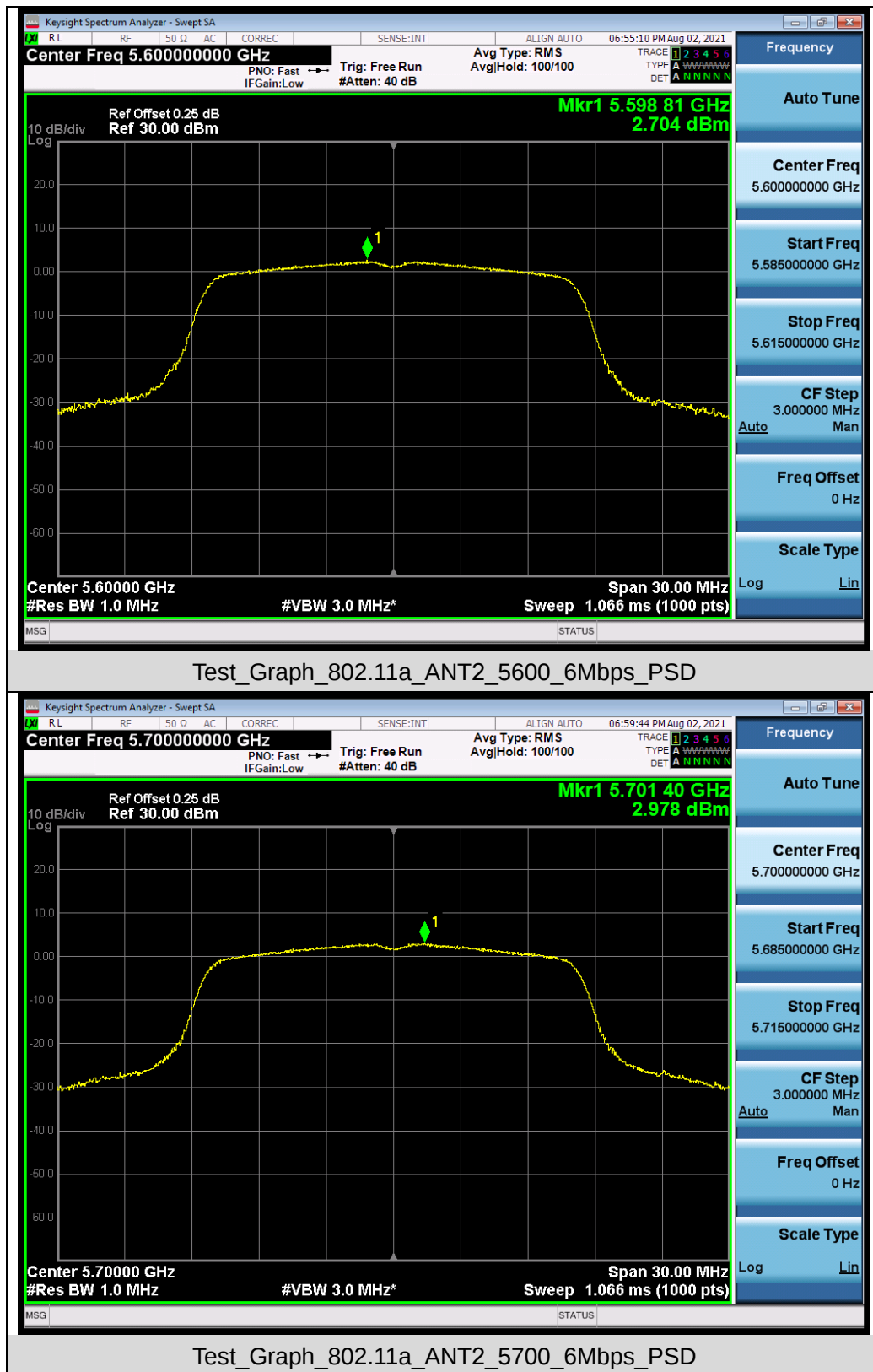


Test_Graph_802.11ac80_ANT1_5530_MCS9_PSD

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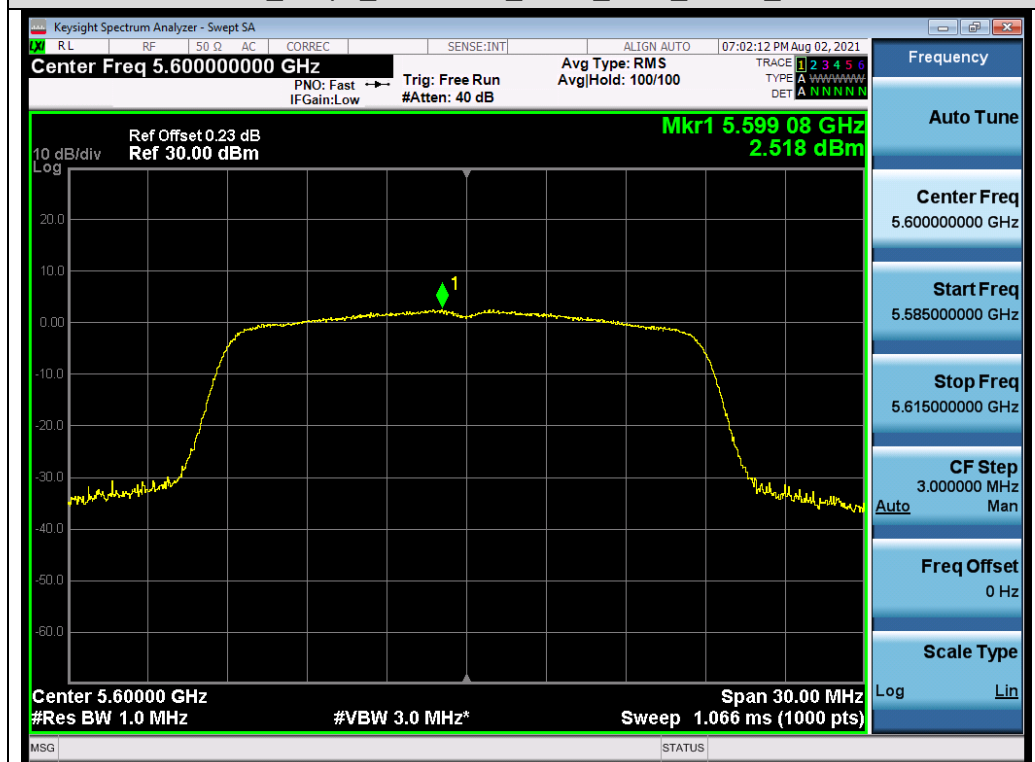


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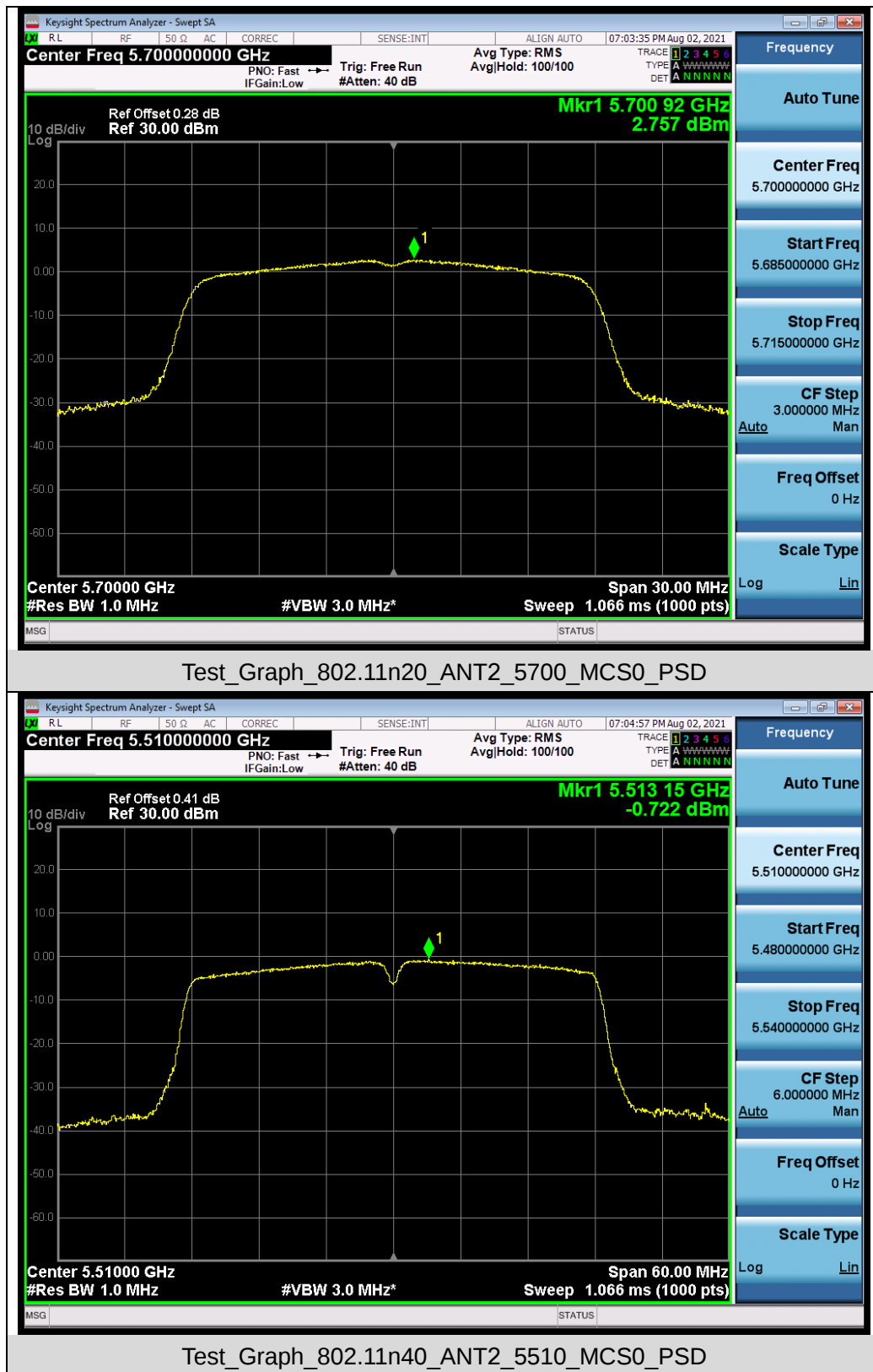
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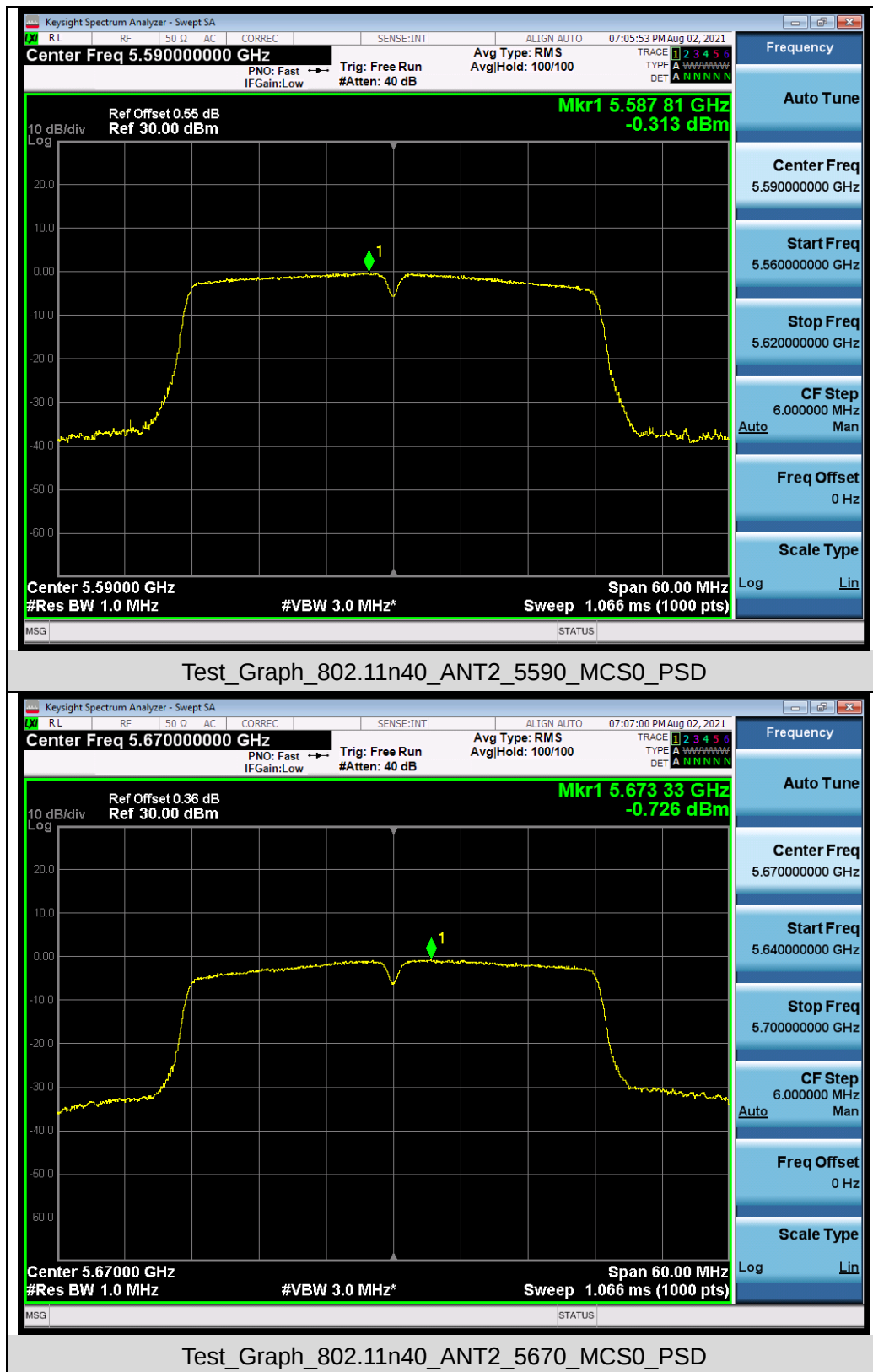


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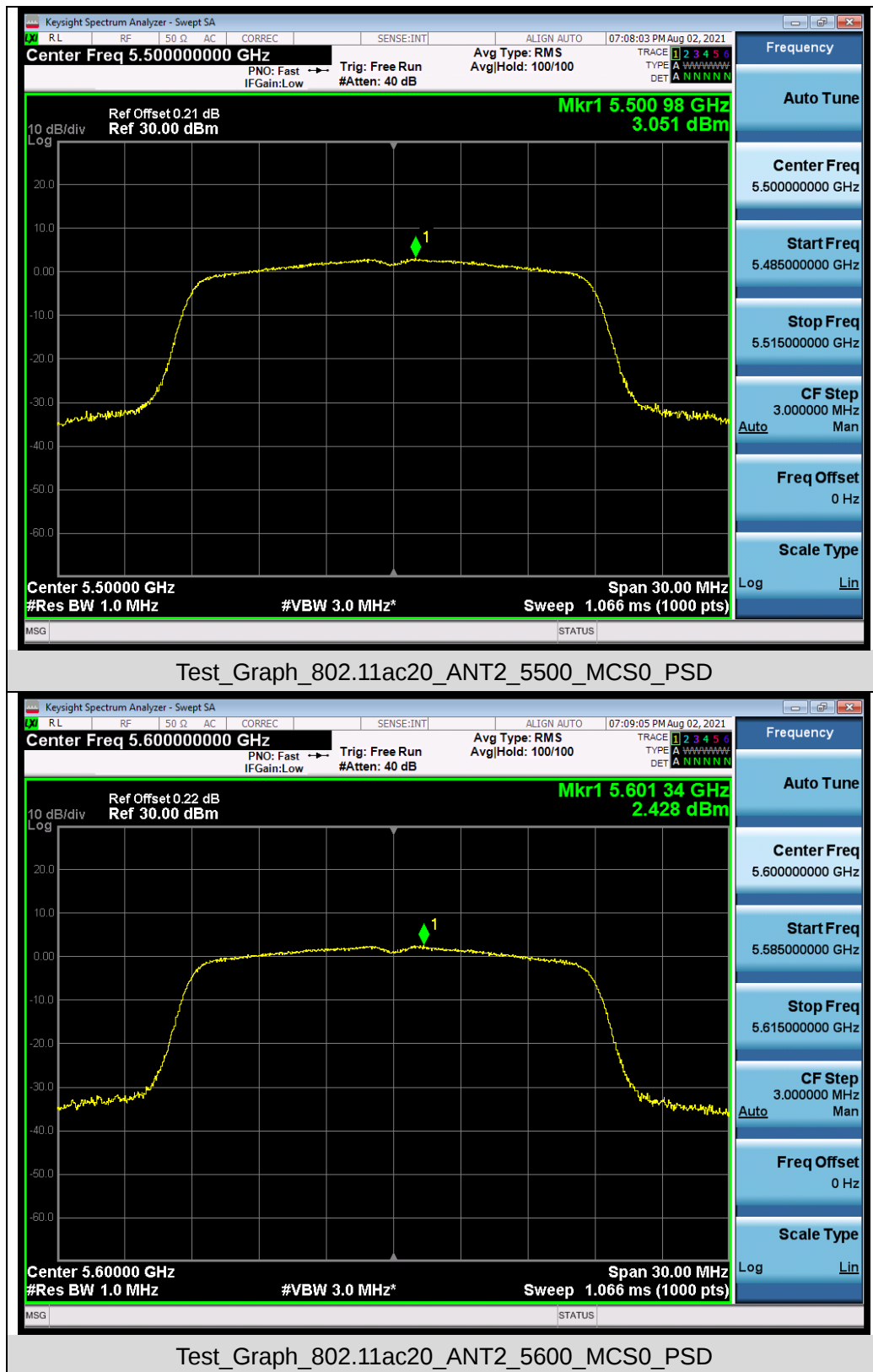
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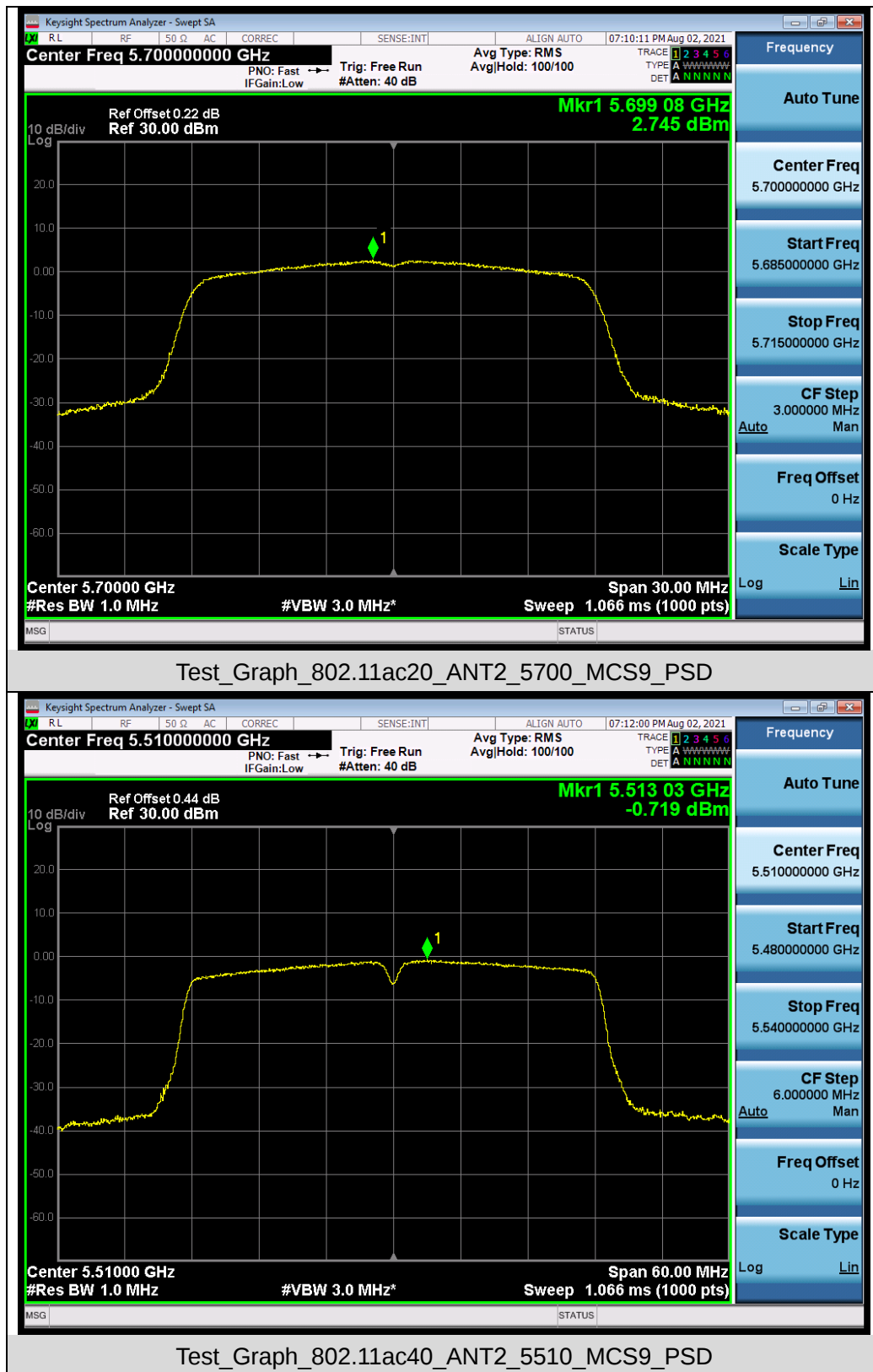
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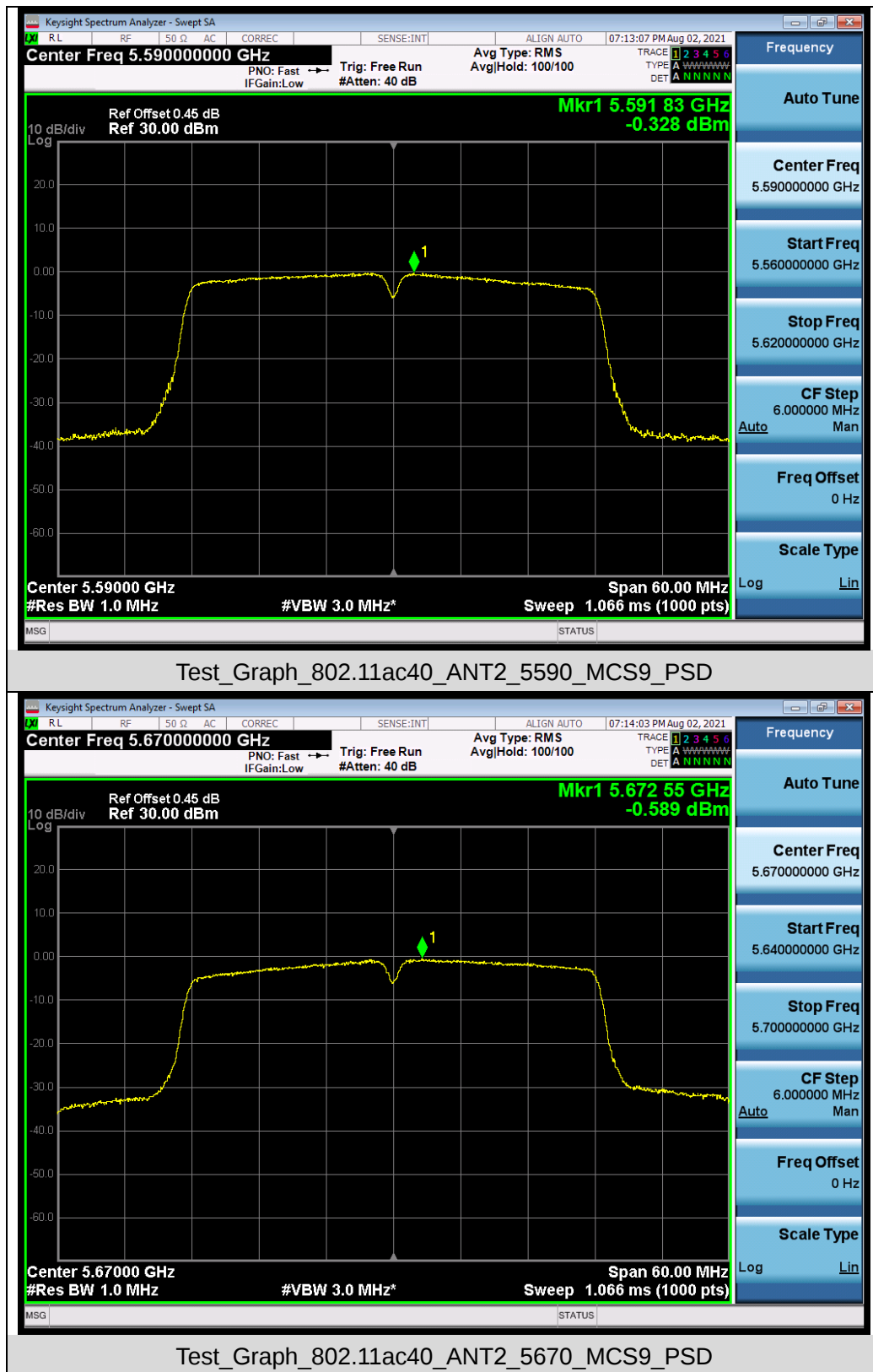
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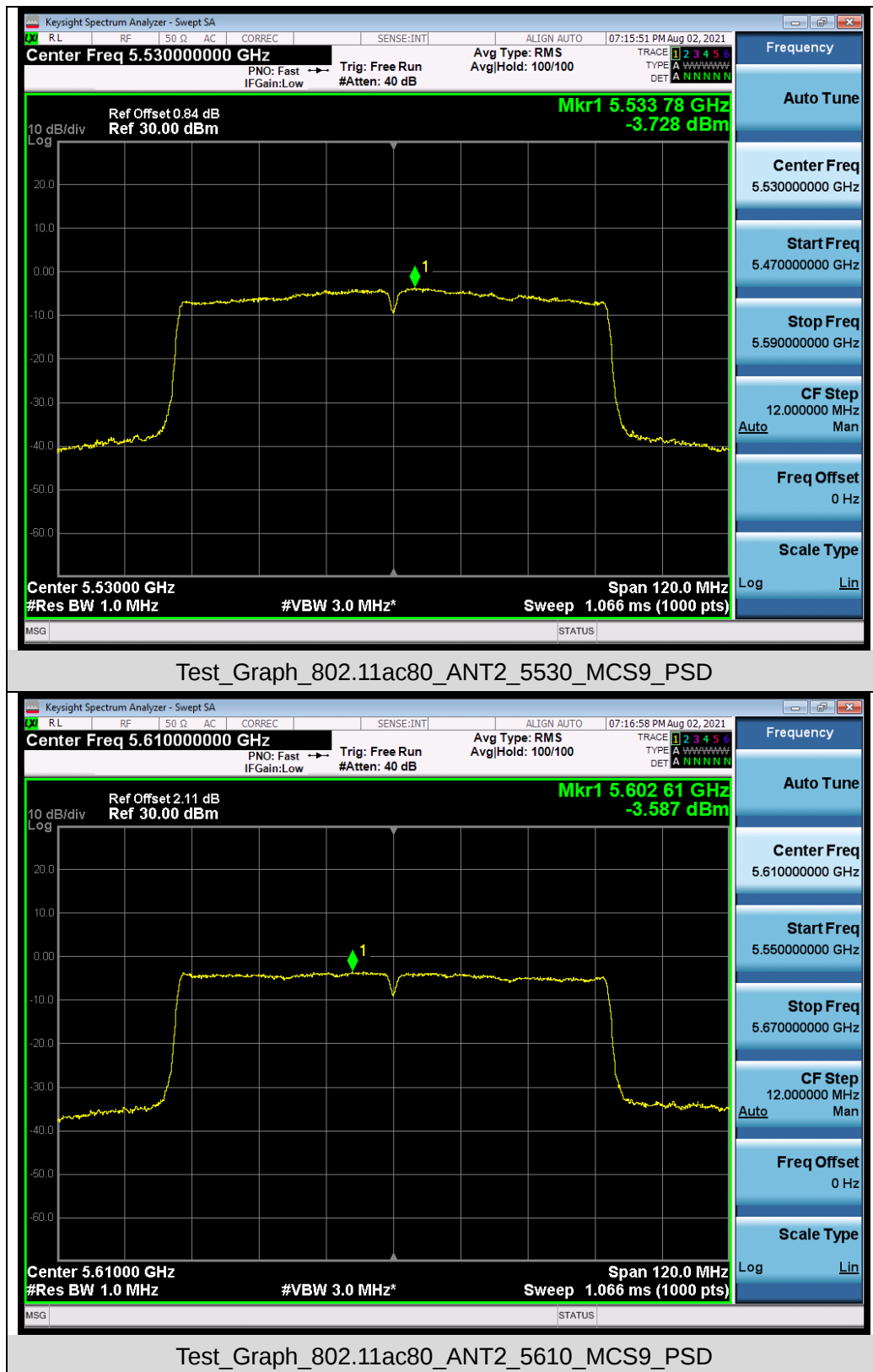
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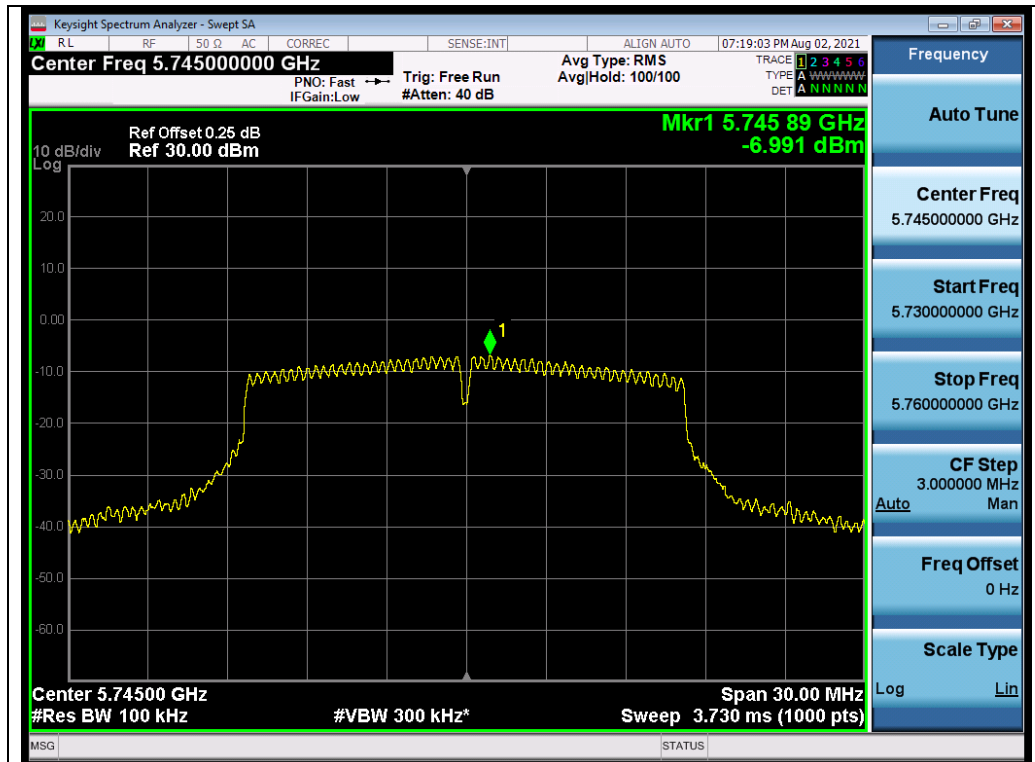


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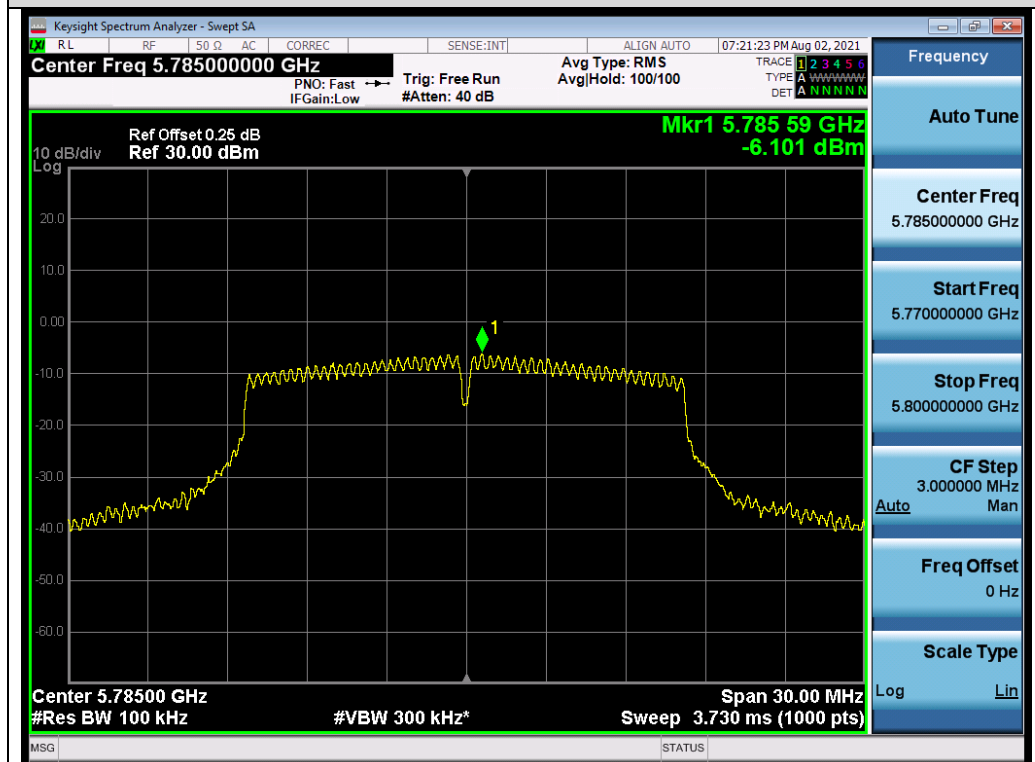


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Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz

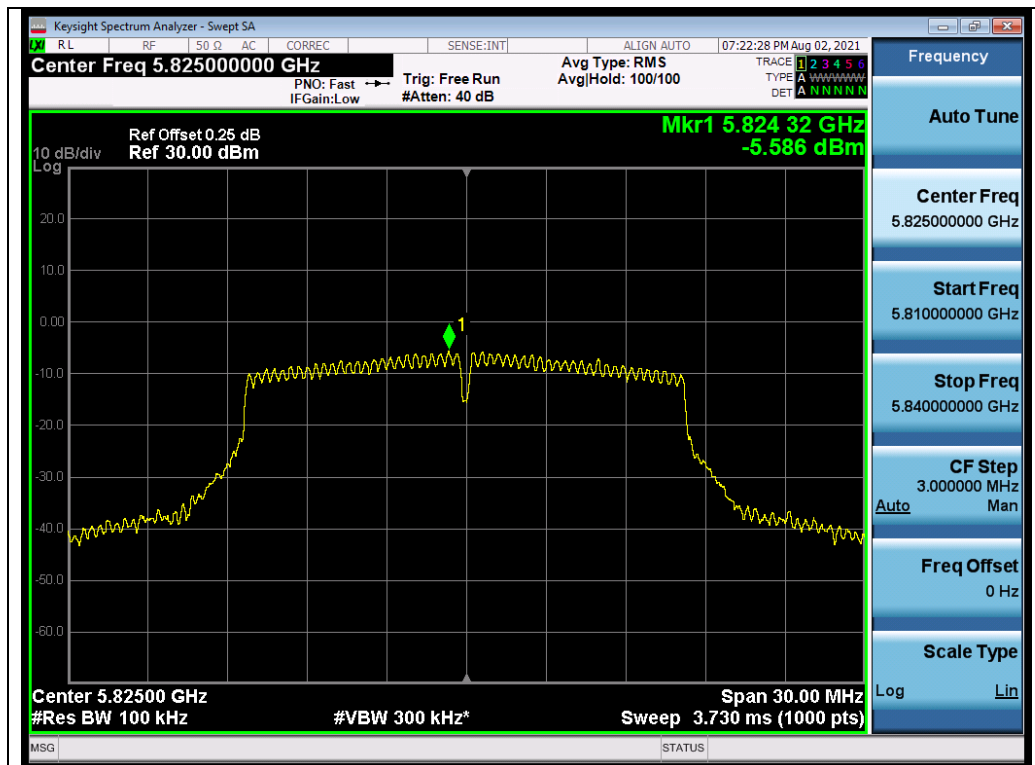


Test_Graph_802.11a_ANT1_5745_6Mbps_PSD

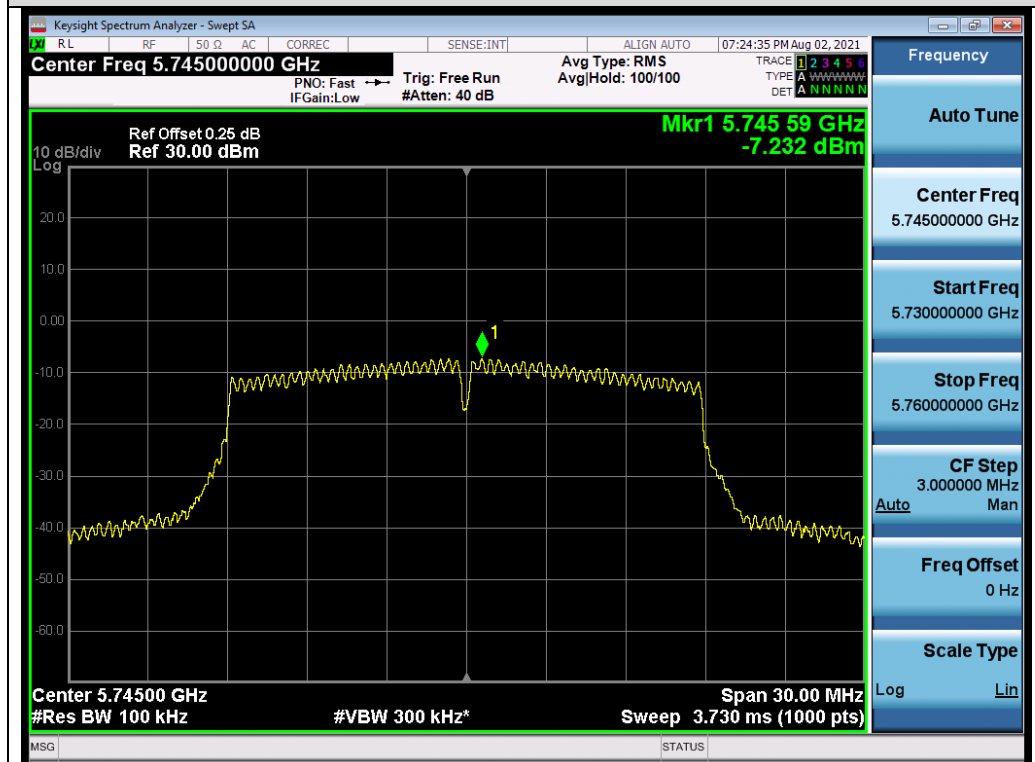


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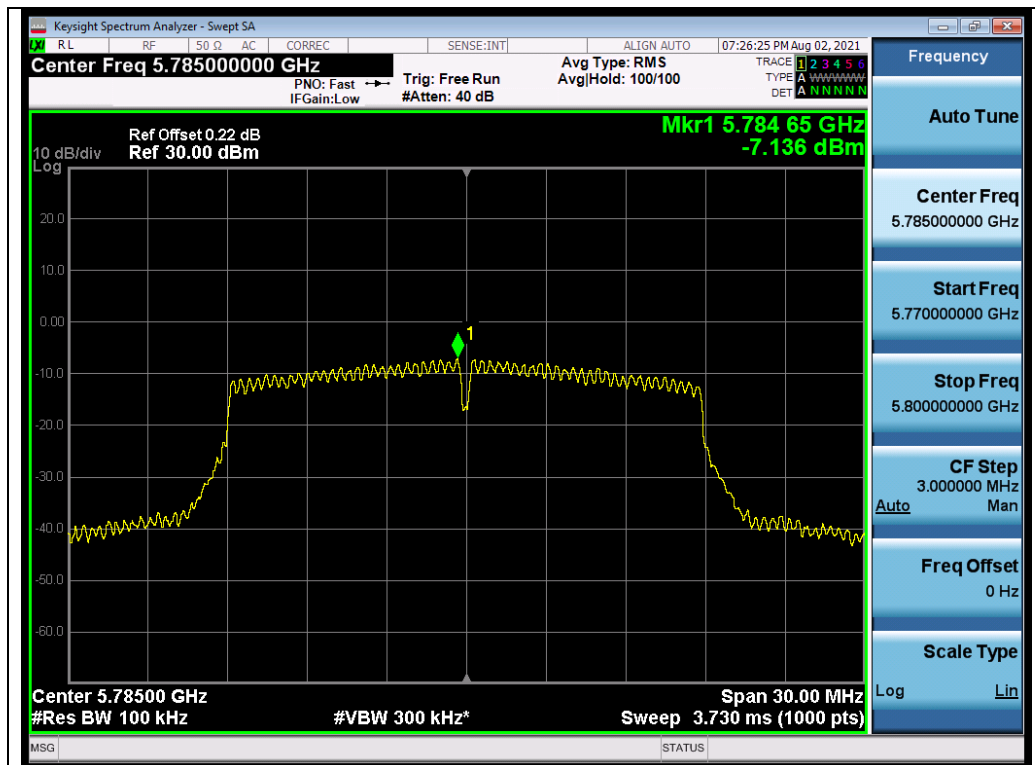


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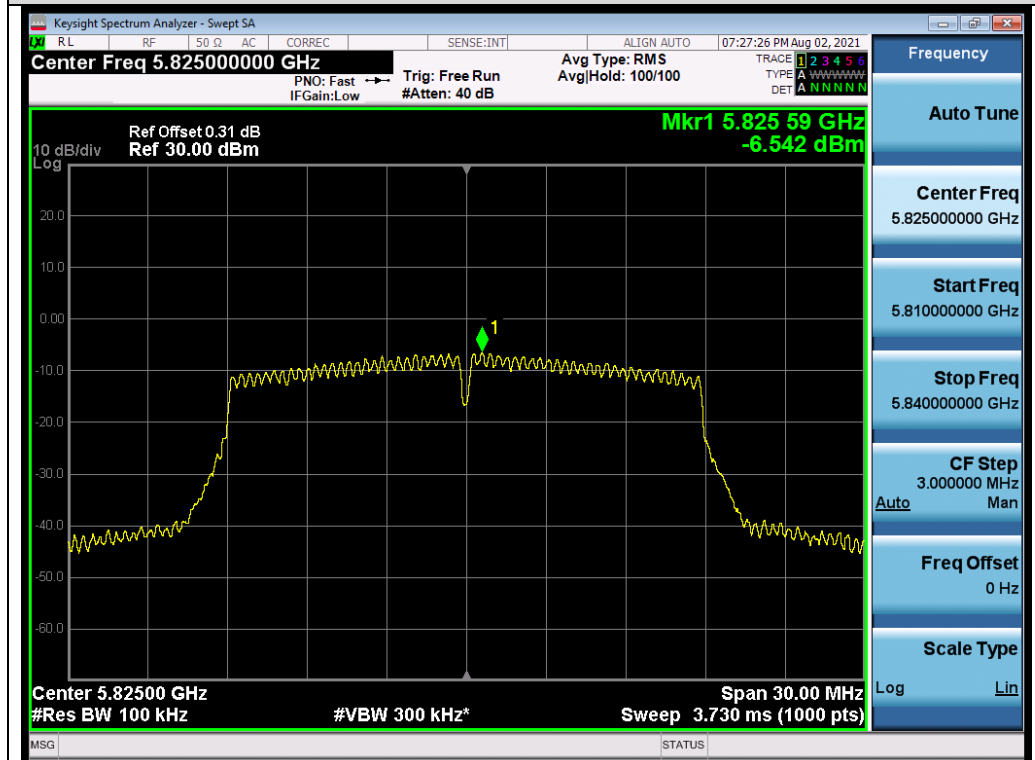


Test_Graph_802.11n20_ANT1_5745_MCS0_PSD

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Test_Graph_802.11n20_ANT1_5785_MCS0_PSD



Test_Graph_802.11n20_ANT1_5825_MCS0_PSD

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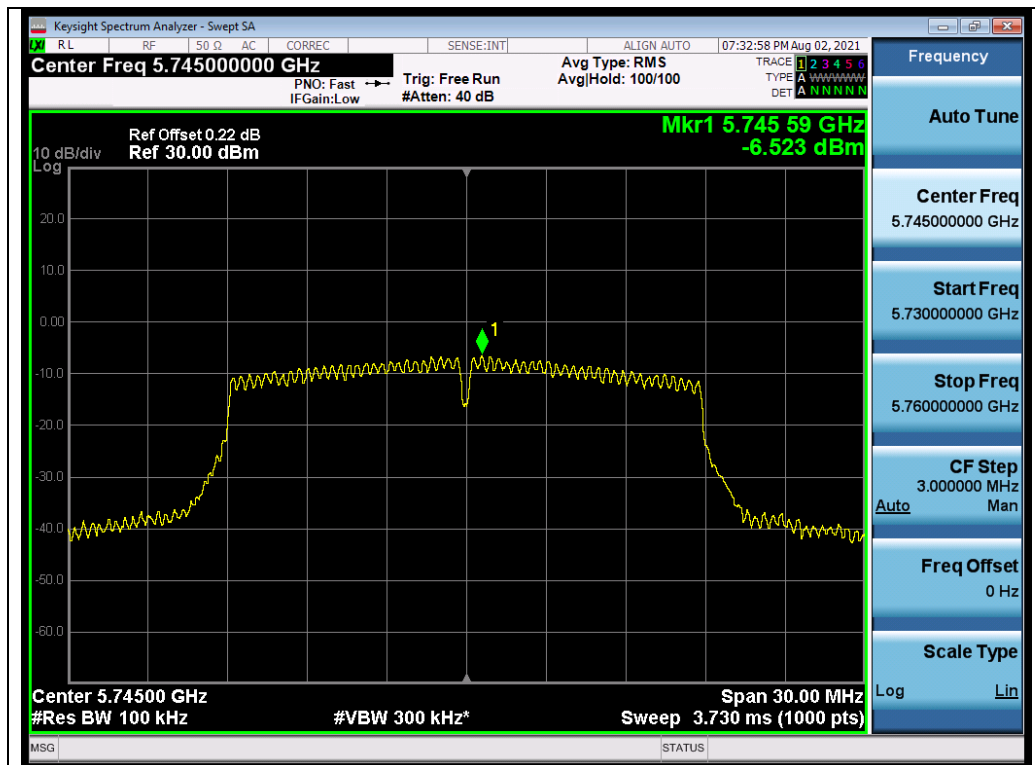


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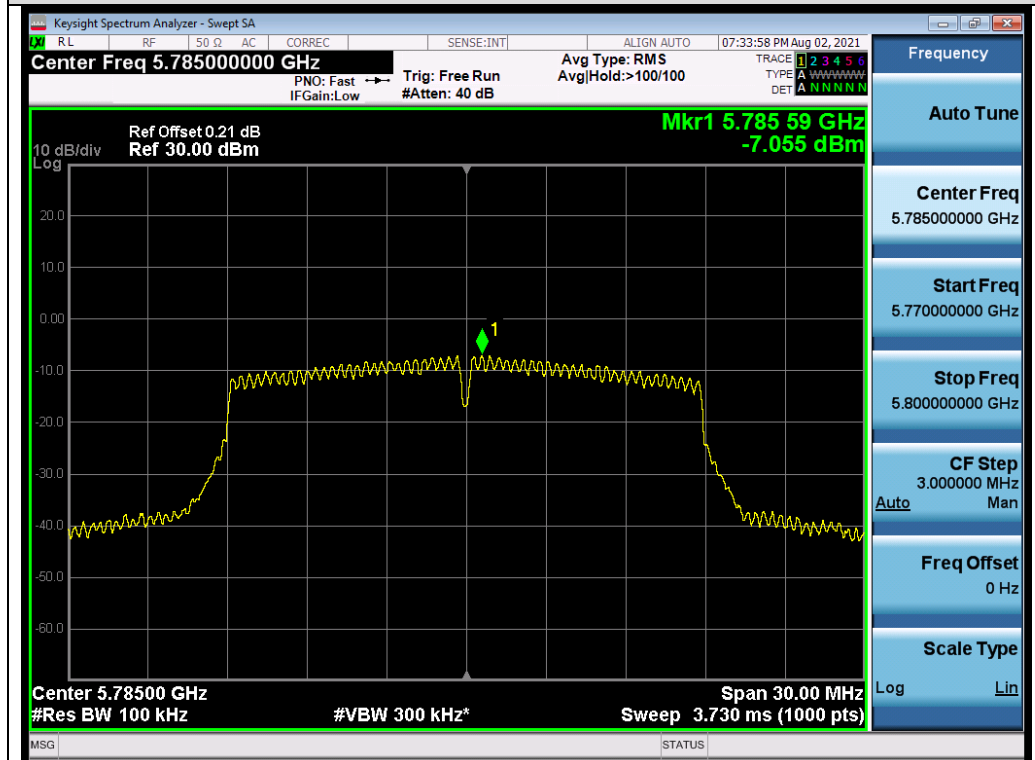


Test_Graph_802.11n40_ANT1_5795_MCS0_PSD

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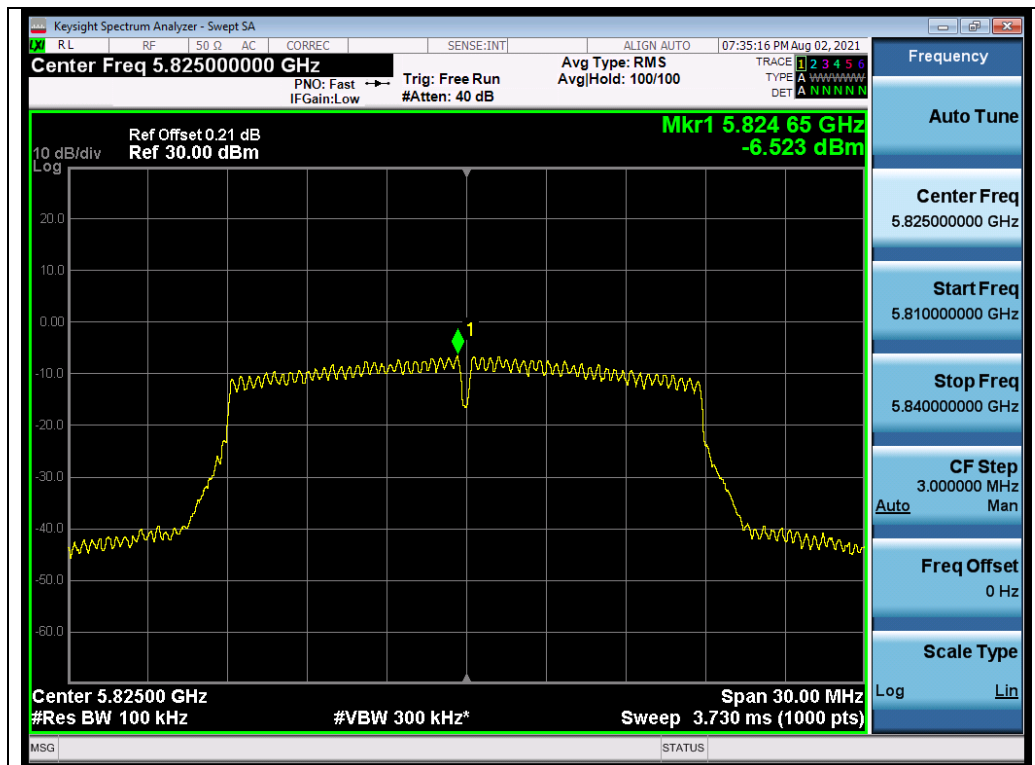


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Test_Graph_802.11ac20_ANT1_5785_MCS0_PSD

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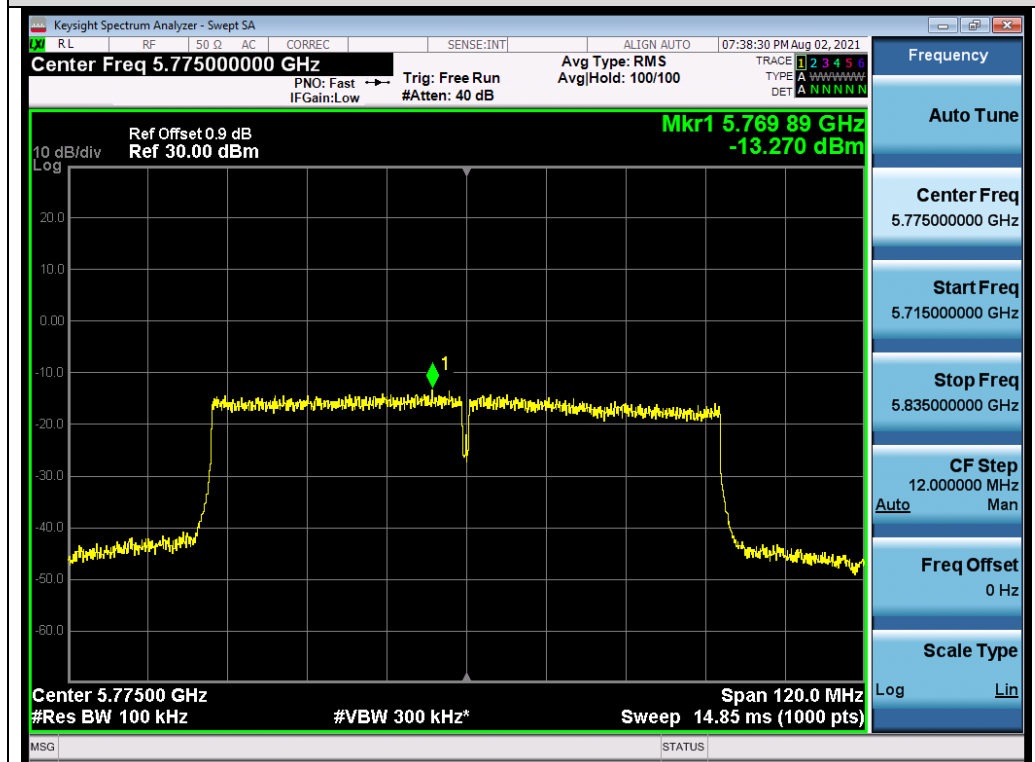


Test_Graph_802.11ac40_ANT1_5755_MCS9_PSD

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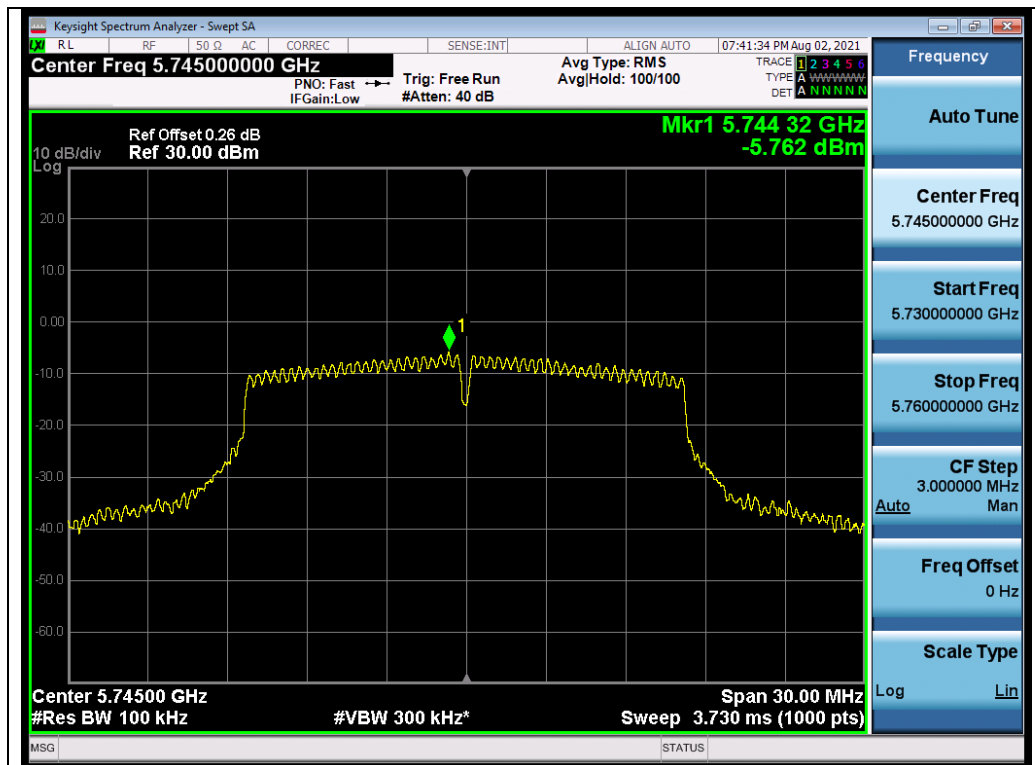


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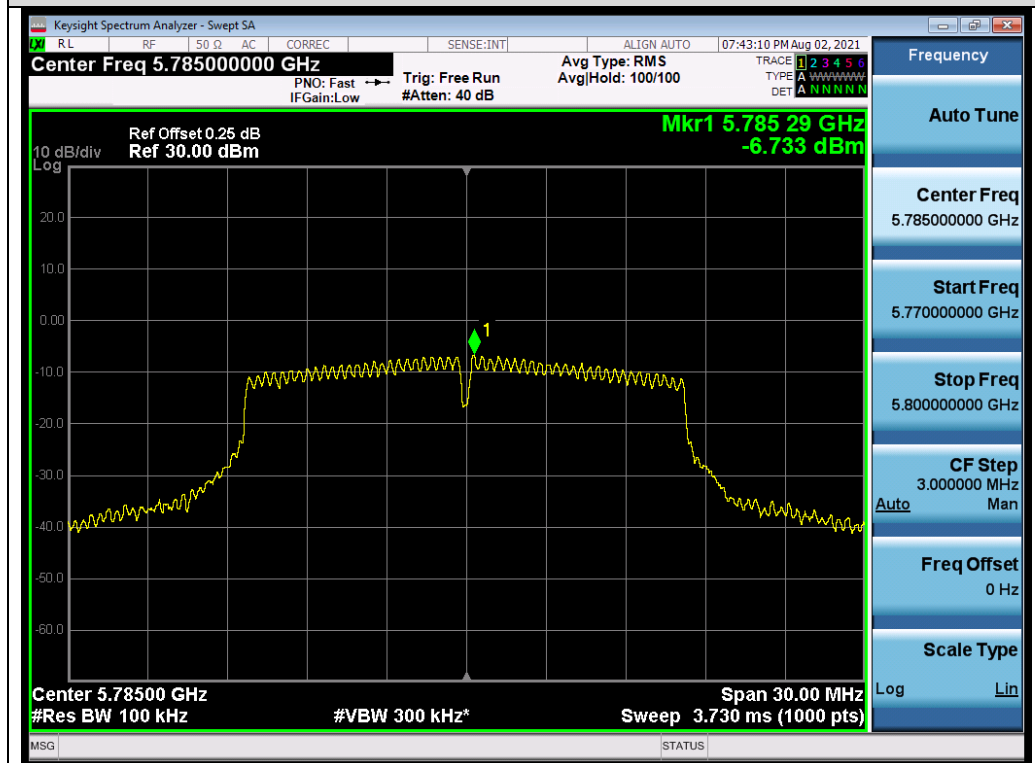


Test_Graph_802.11ac80_ANT1_5775_MCS9_PSD

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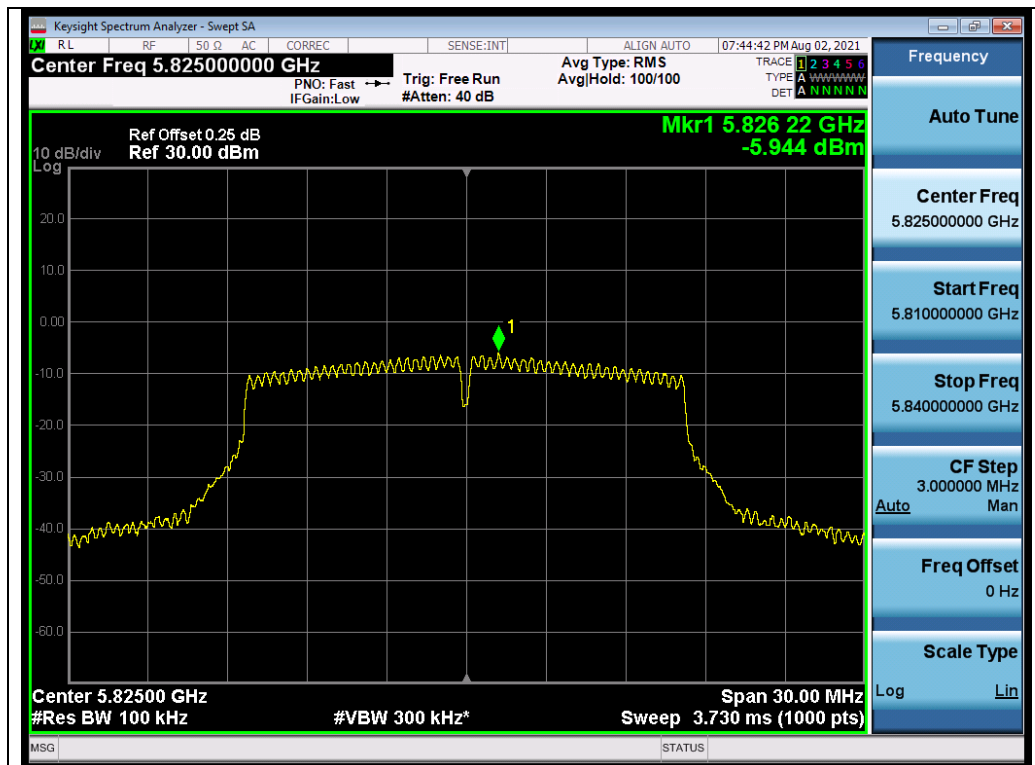


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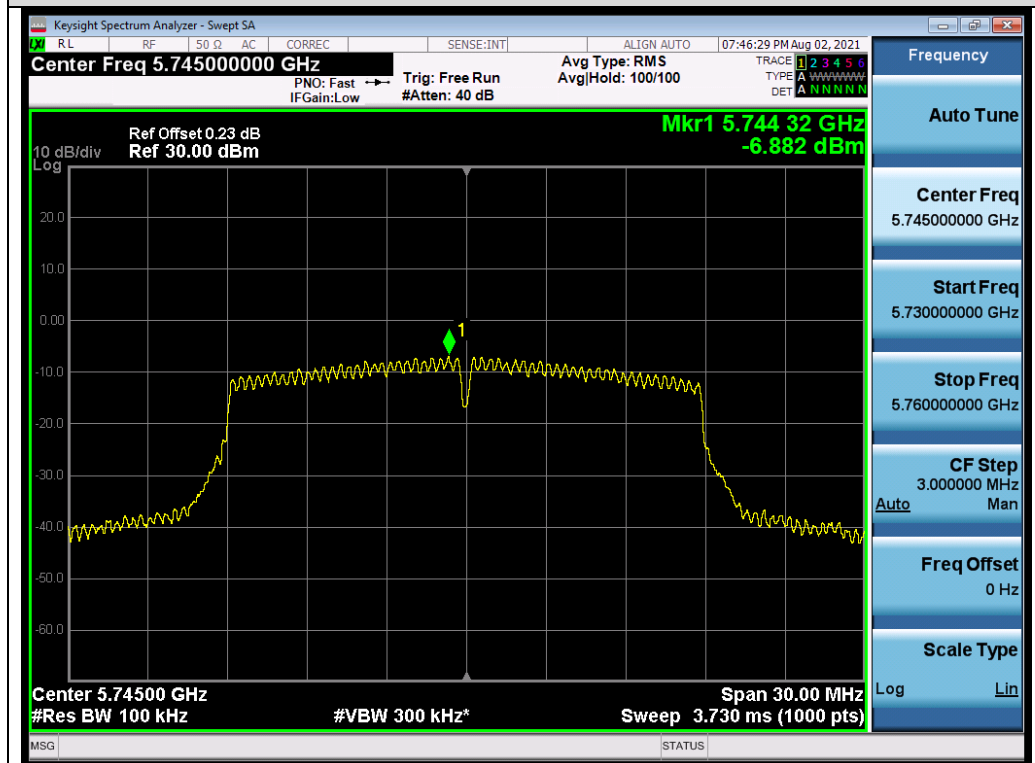


Test_Graph_802.11a_ANT2_5785_6Mbps_PSD

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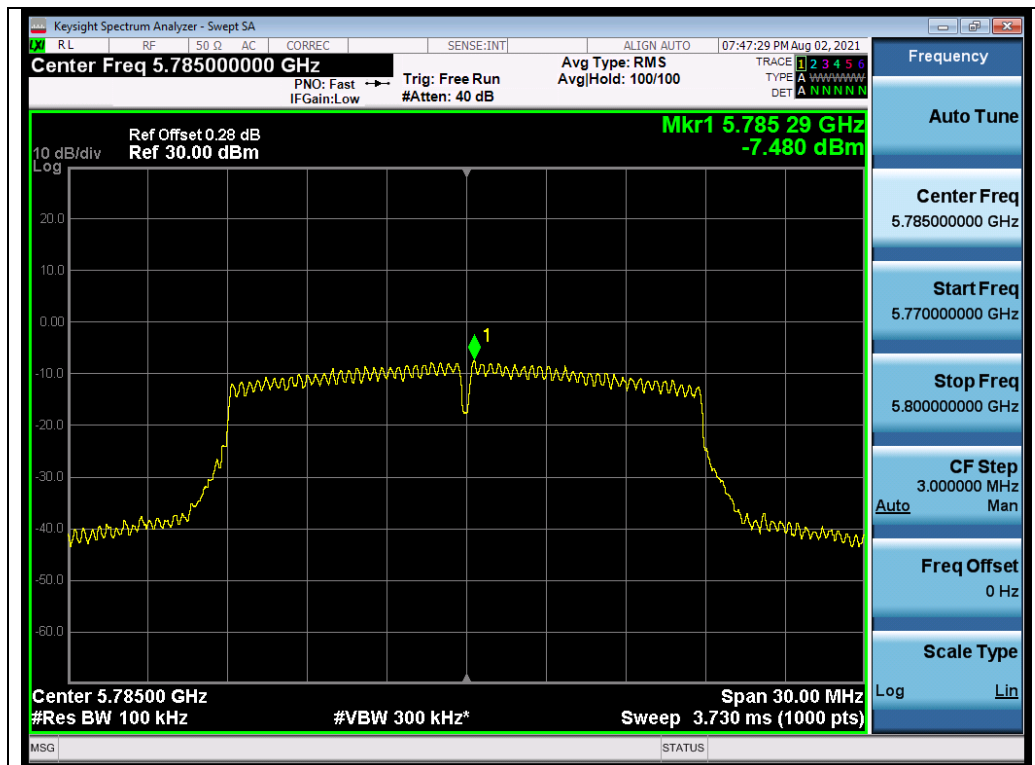


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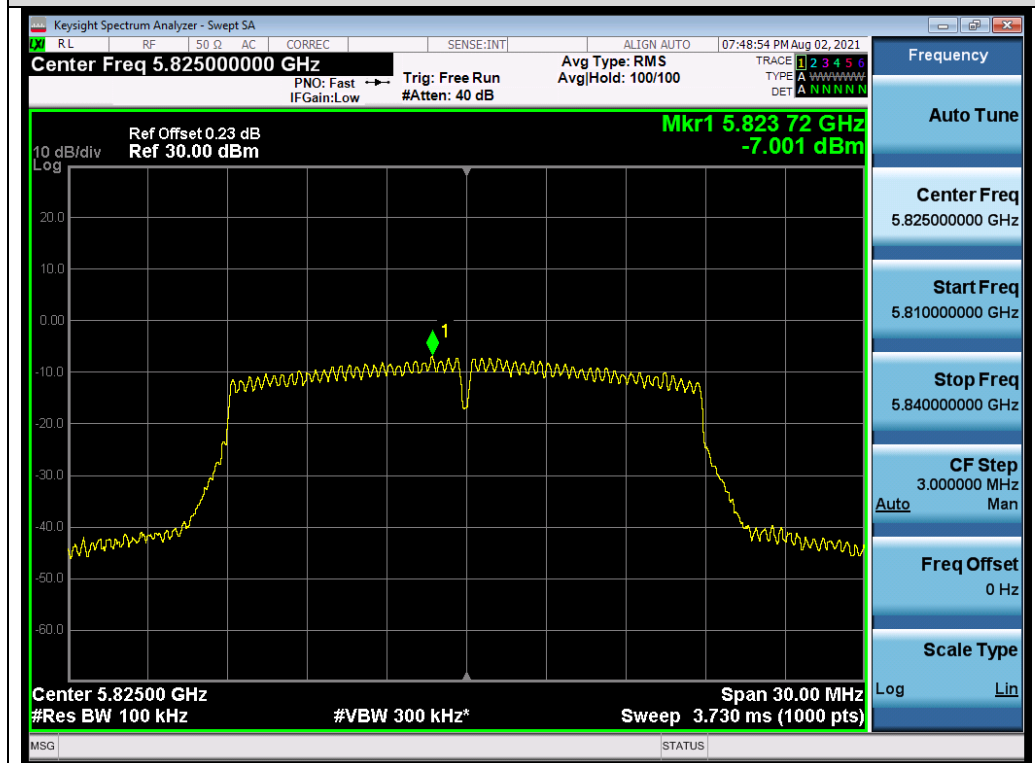


Test_Graph_802.11n20_ANT2_5745_MCS0_PSD

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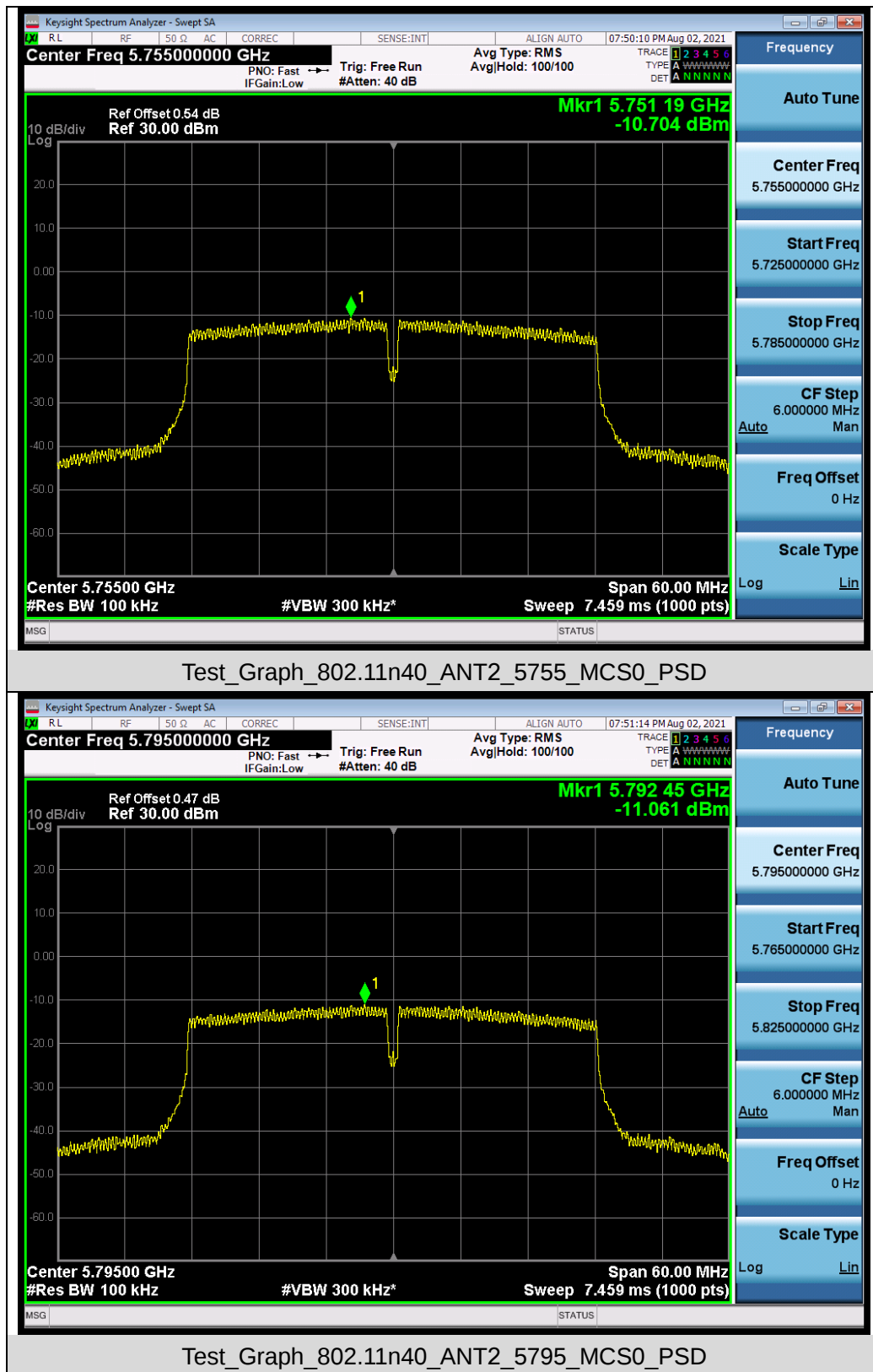


Test_Graph_802.11n20_ANT2_5785_MCS0_PSD



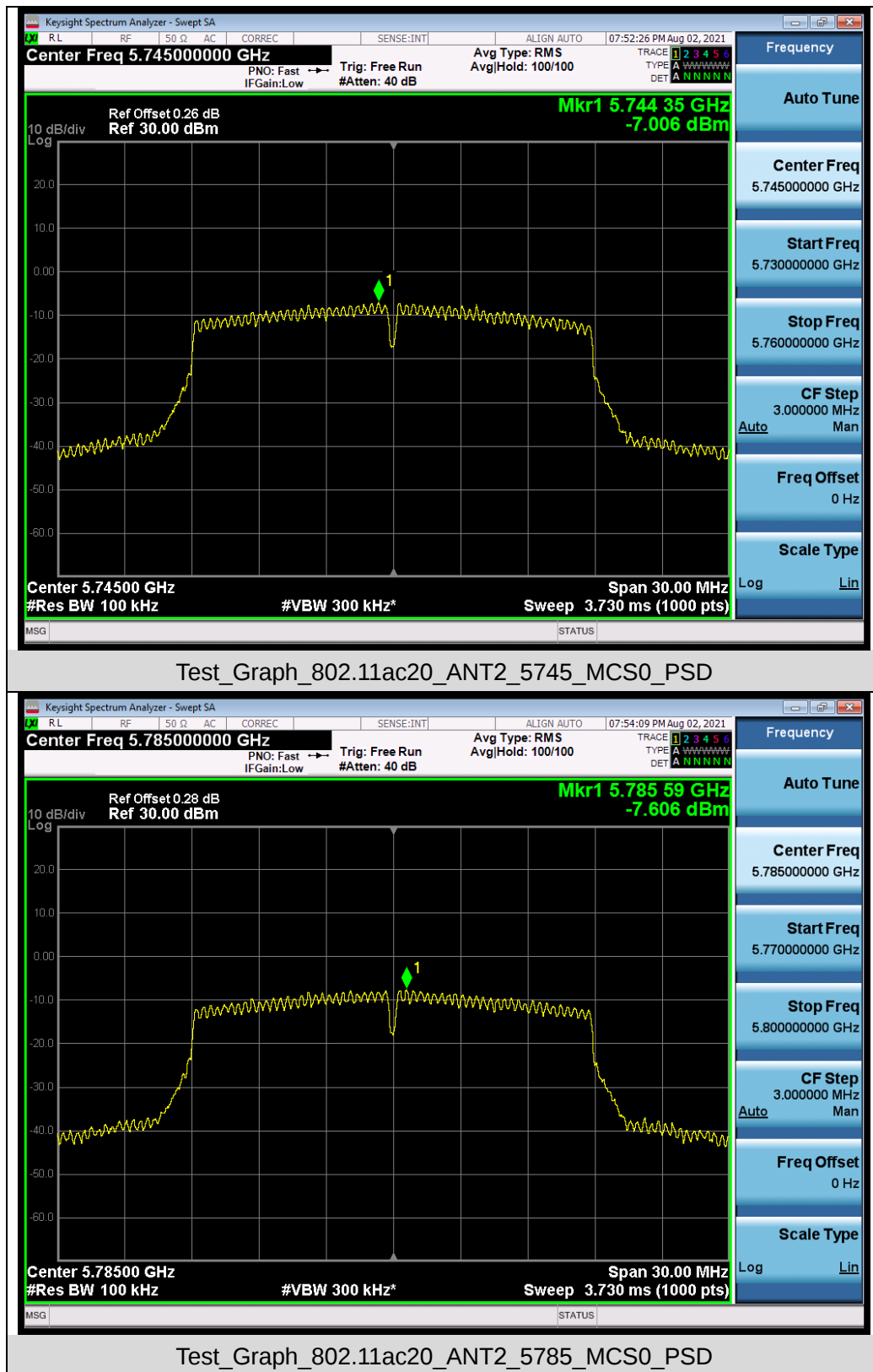
Test_Graph_802.11n20_ANT2_5825_MCS0_PSD

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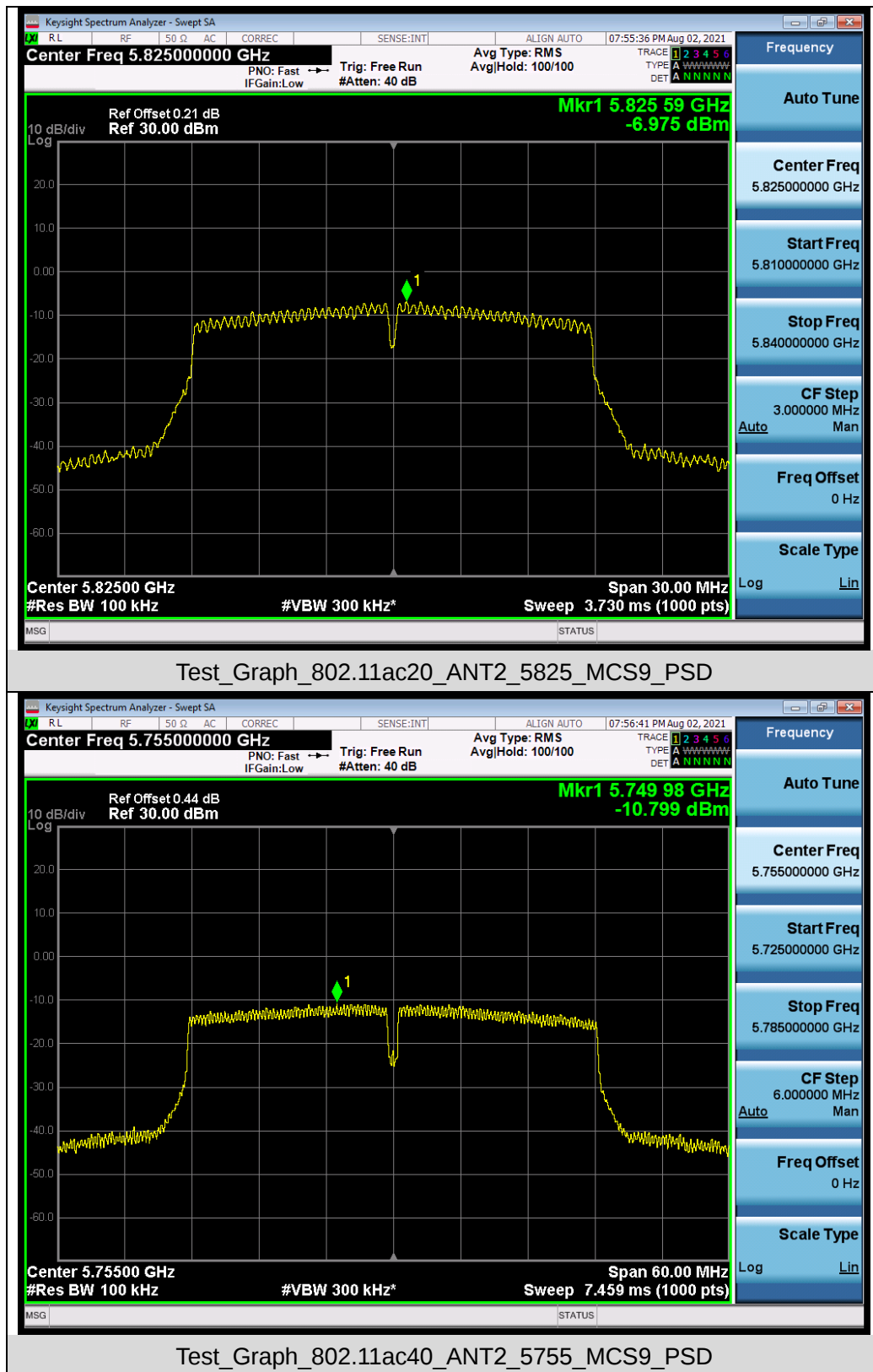


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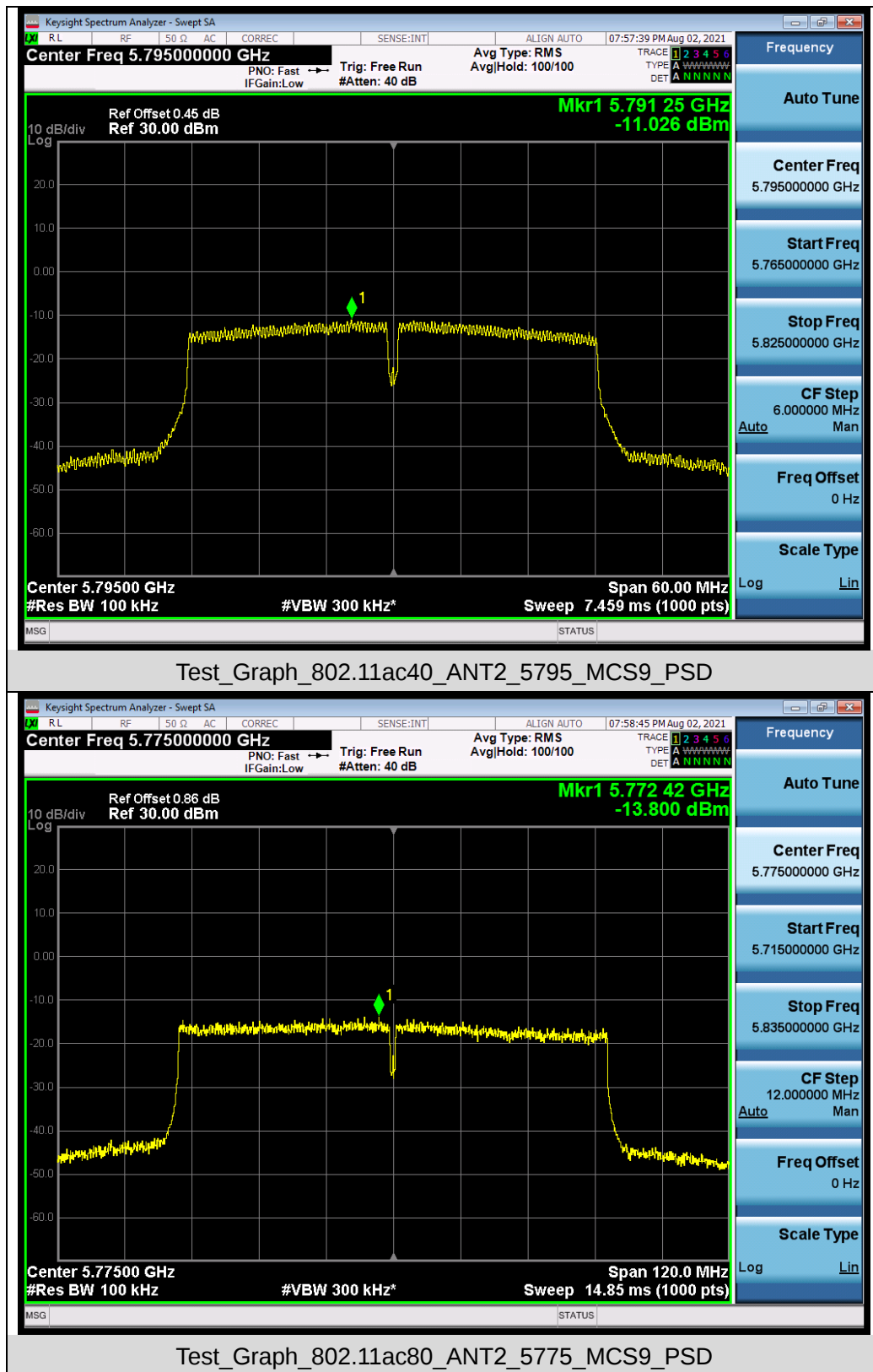


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10. CONDUCTED SPURIOUS EMISSION

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.