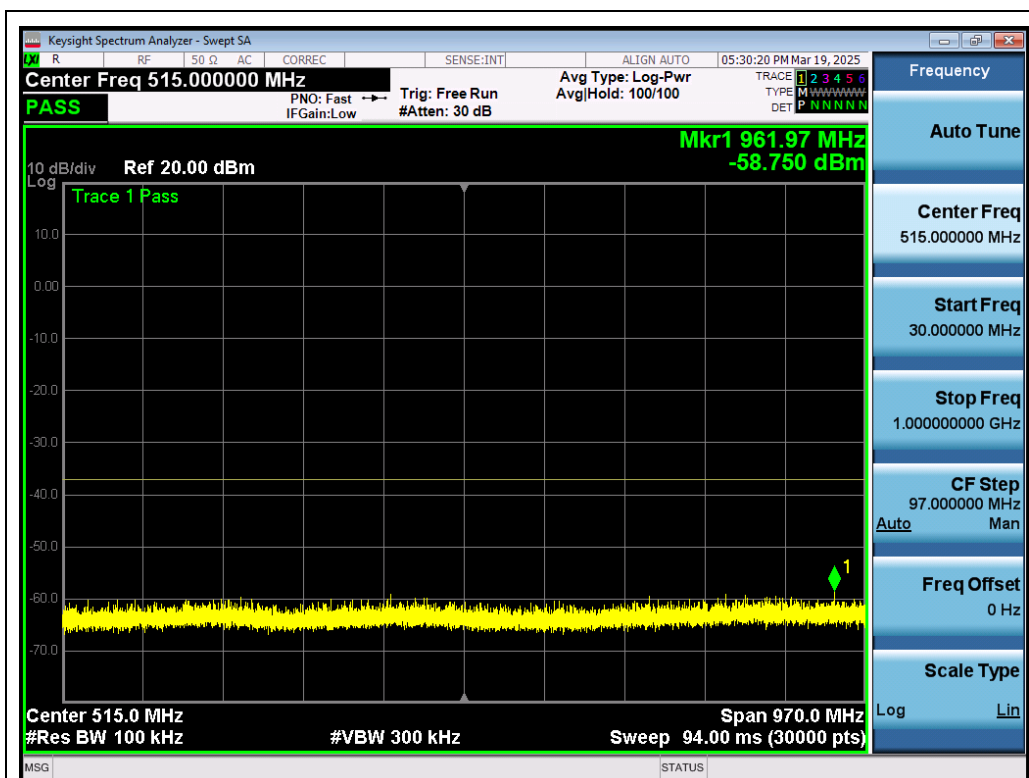
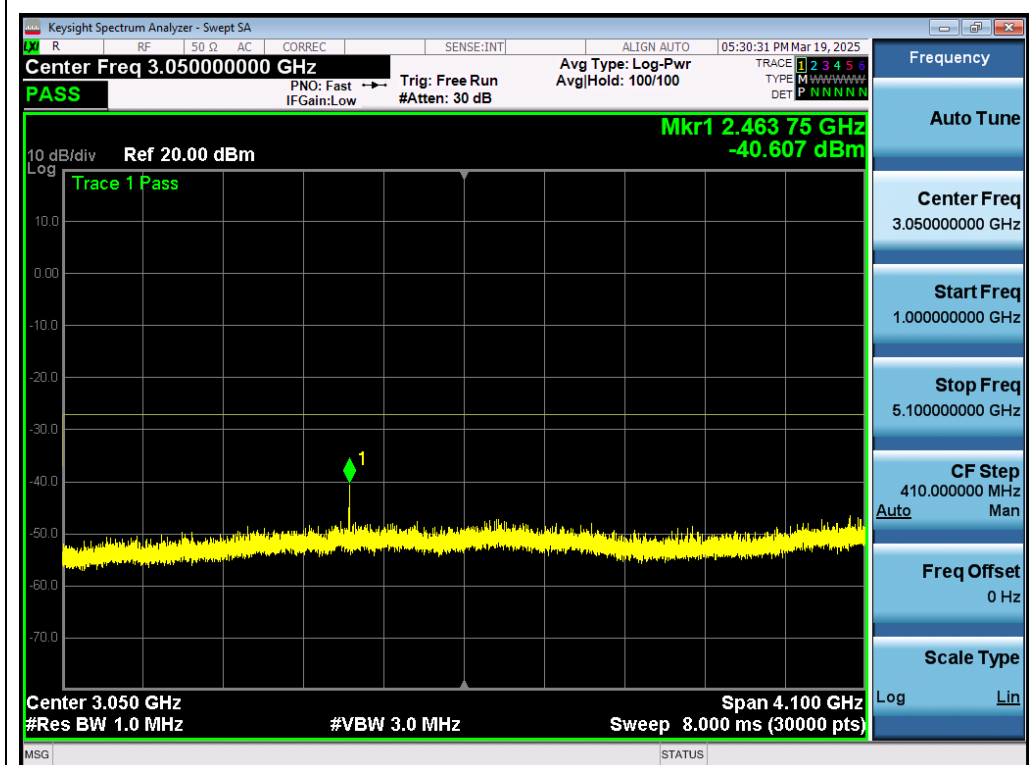
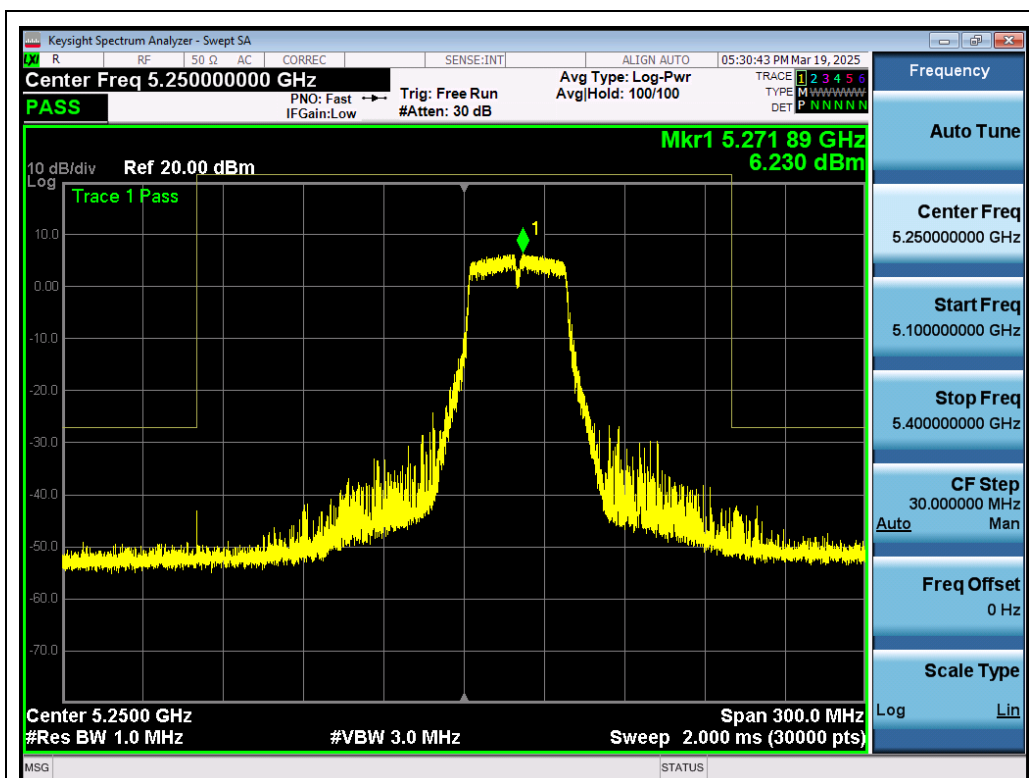




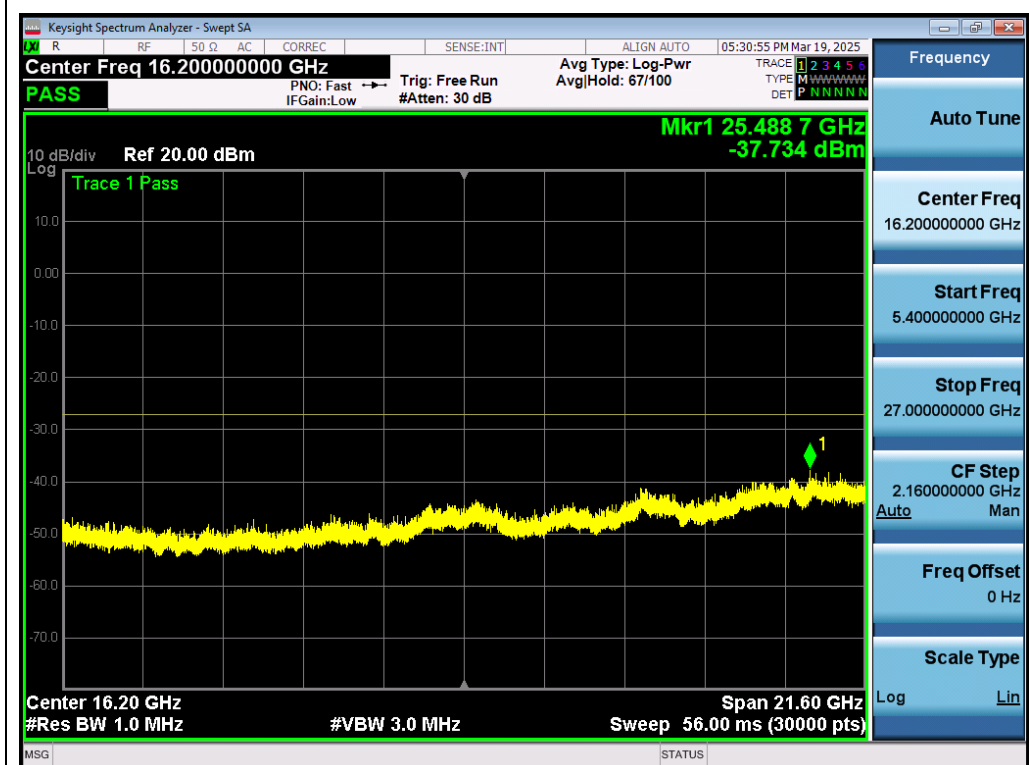
Test_Graph_802.11n40_ANT1_5270_MCS0_Frequency Band 1



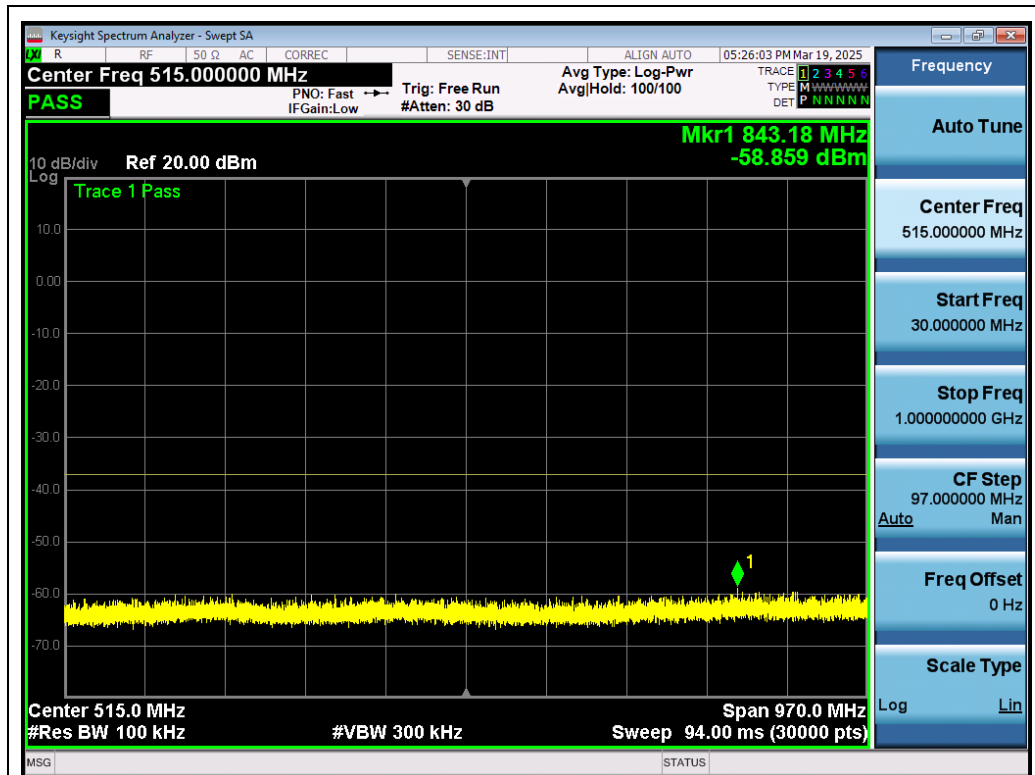
Test_Graph_802.11n40_ANT1_5270_MCS0_Frequency Band 2



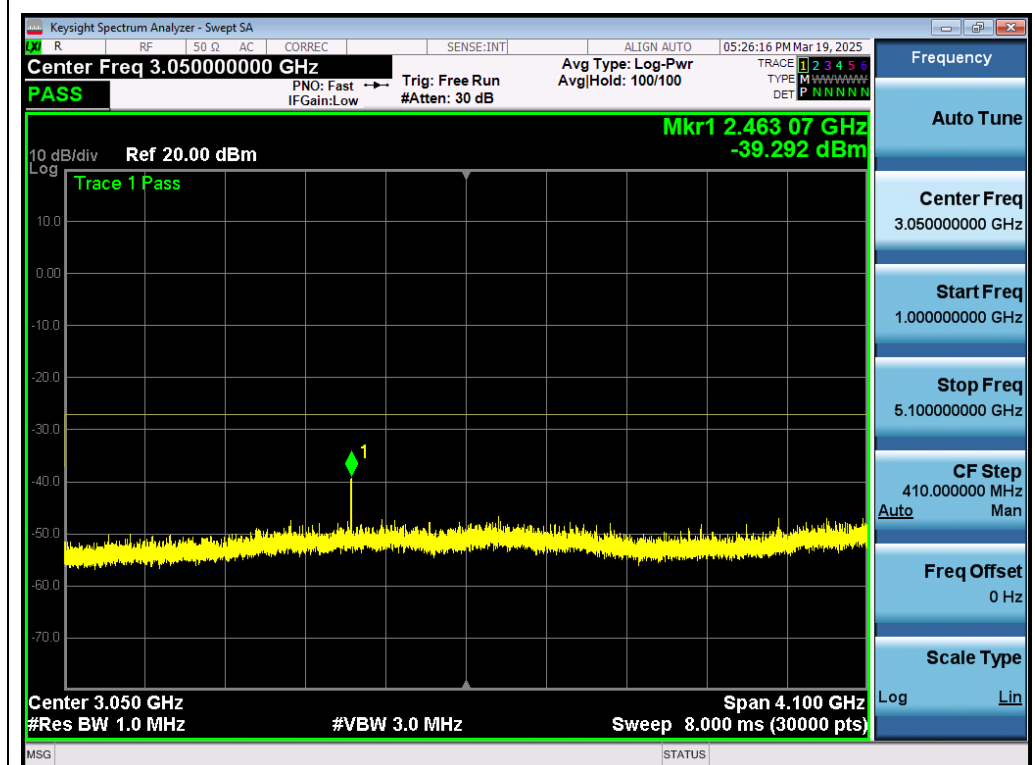
Test_Graph_802.11n40_ANT1_5270_MCS0_Frequency Band 3



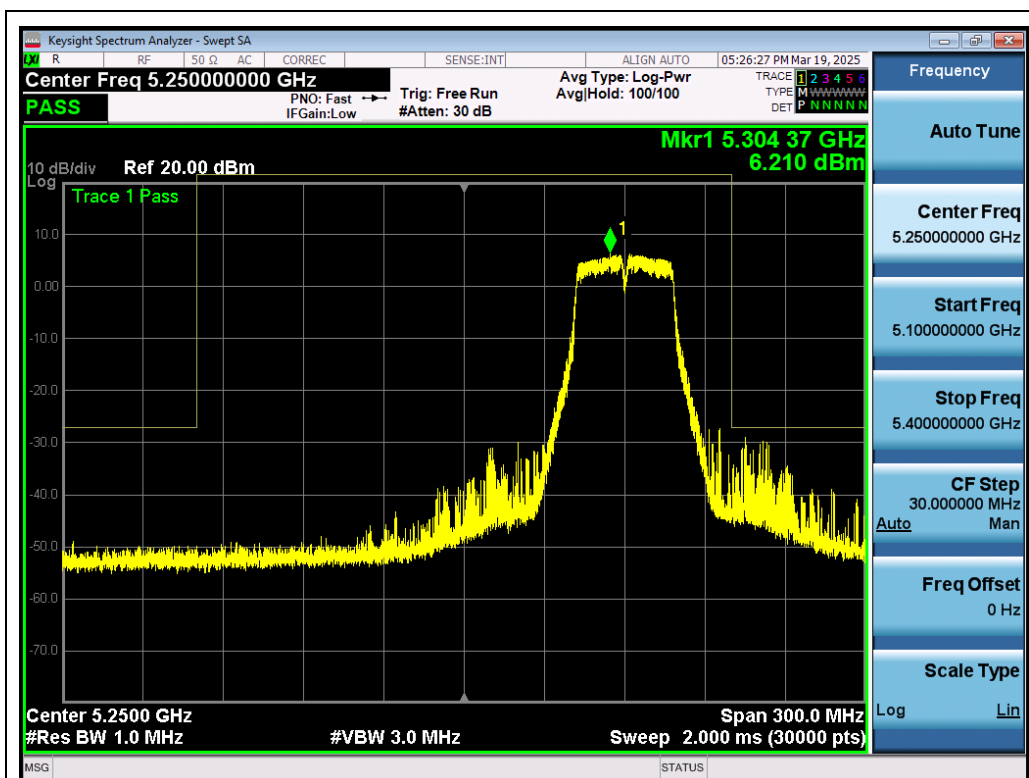
Test_Graph_802.11n40_ANT1_5270_MCS0_Frequency Band 4



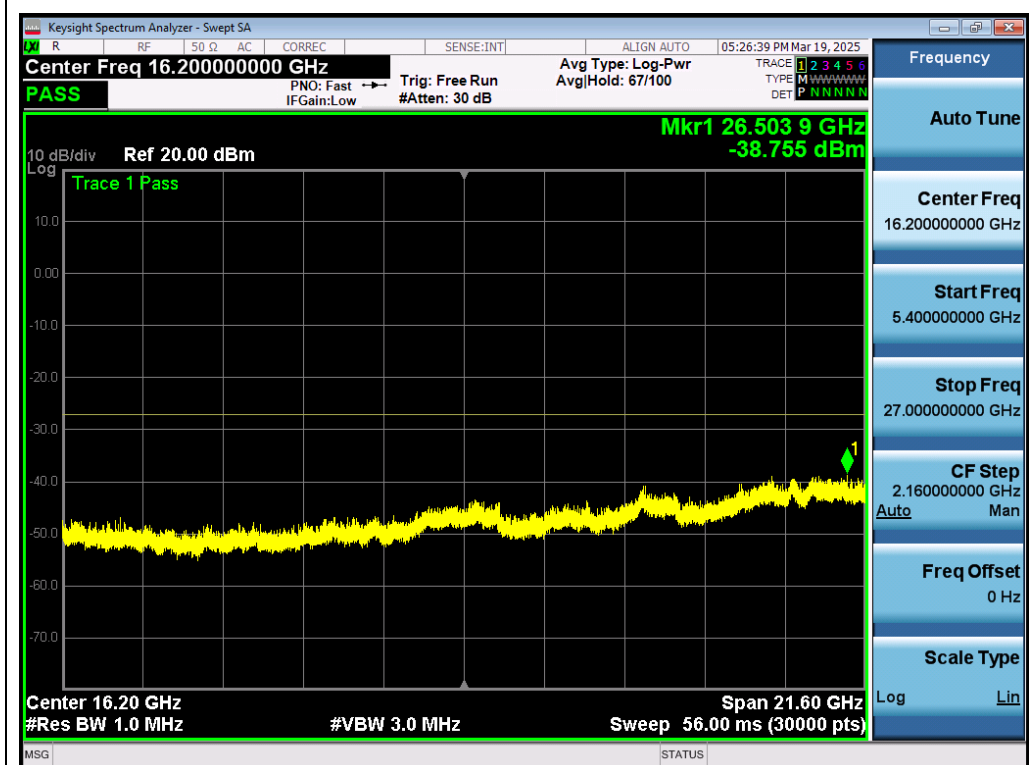
Test_Graph_802.11n40_ANT1_5310_MCS0_Frequency Band 1



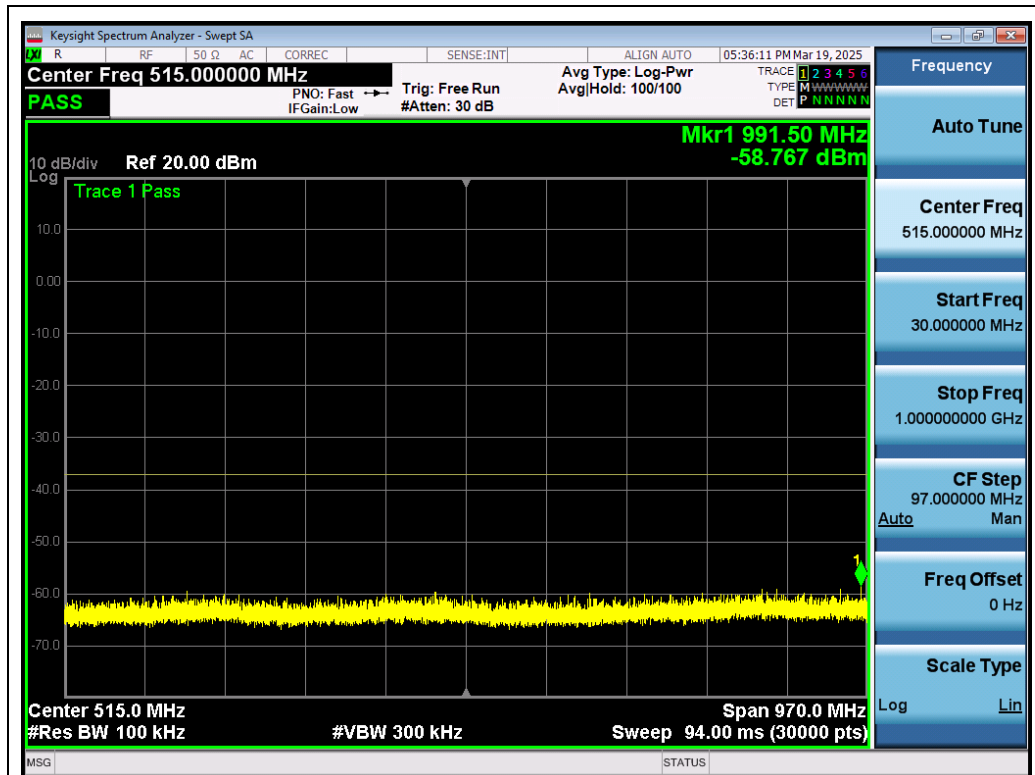
Test_Graph_802.11n40_ANT1_5310_MCS0_Frequency Band 2



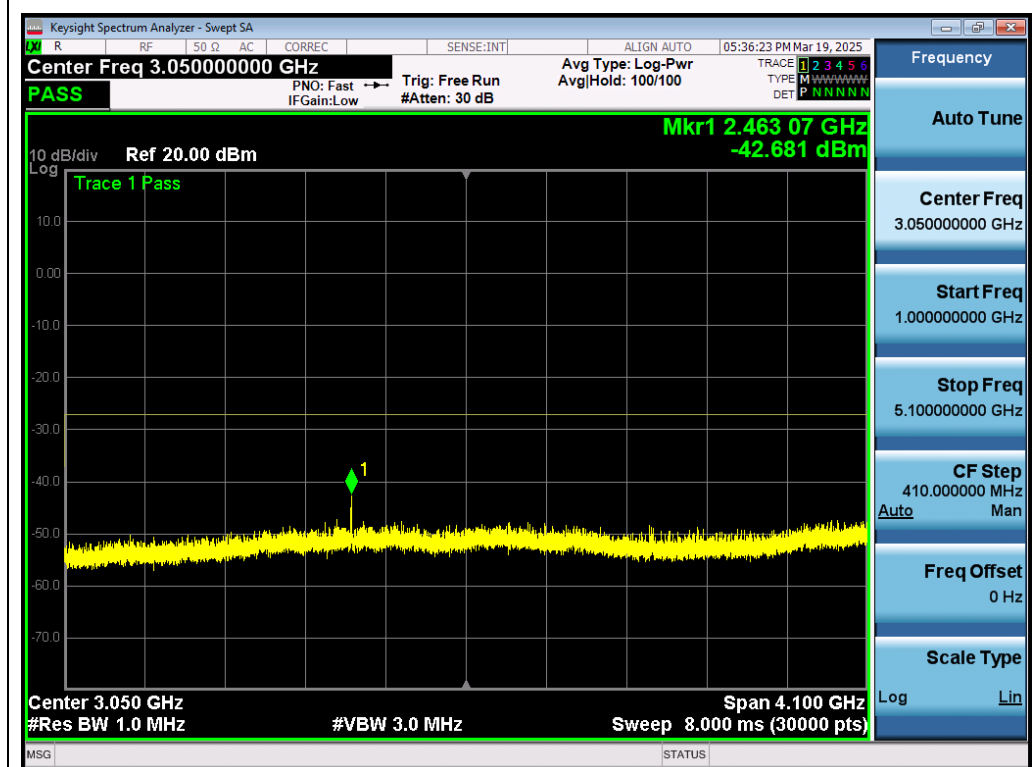
Test_Graph_802.11n40_ANT1_5310_MCS0_Frequency Band 3



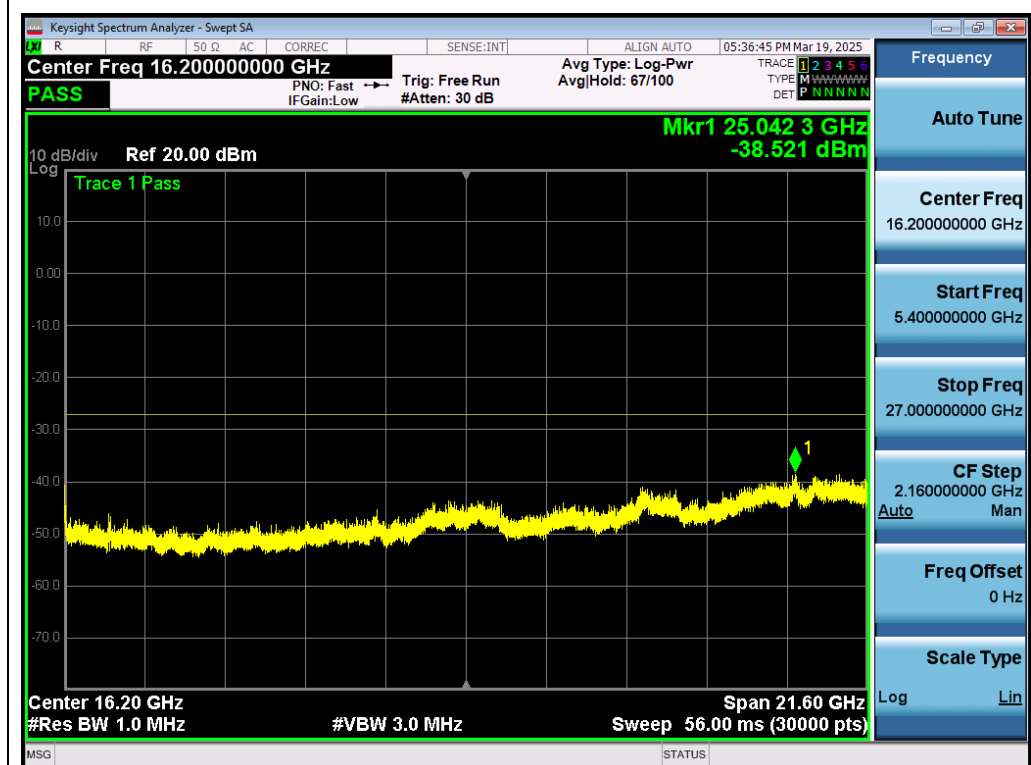
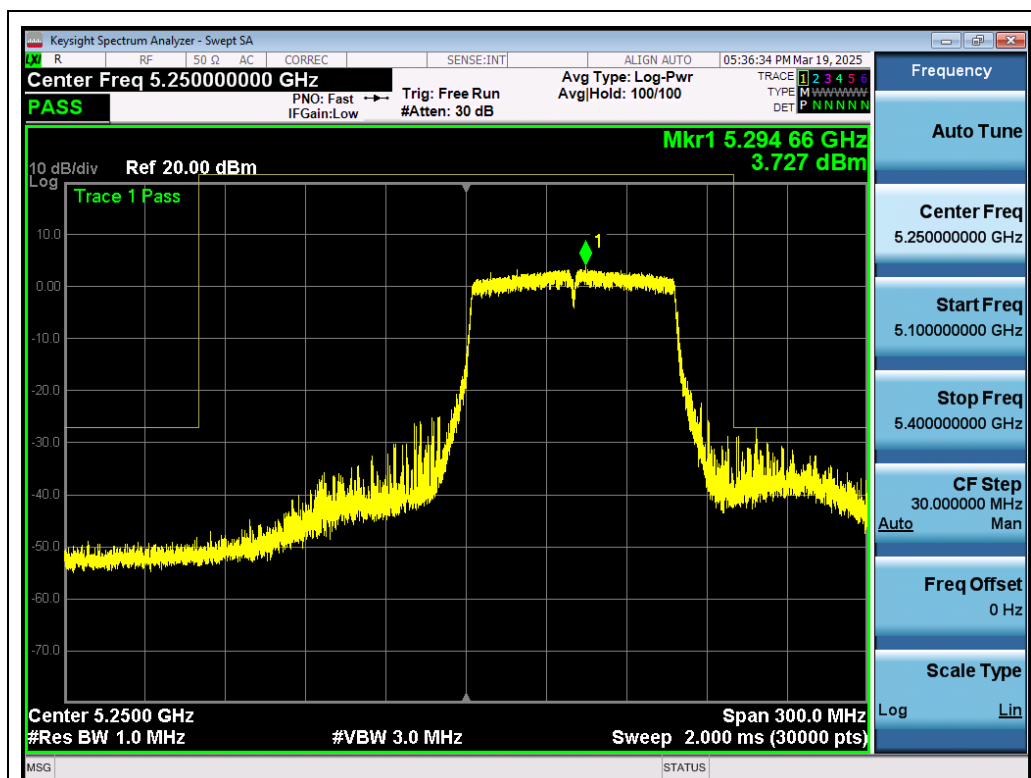
Test_Graph_802.11n40_ANT1_5310_MCS0_Frequency Band 4

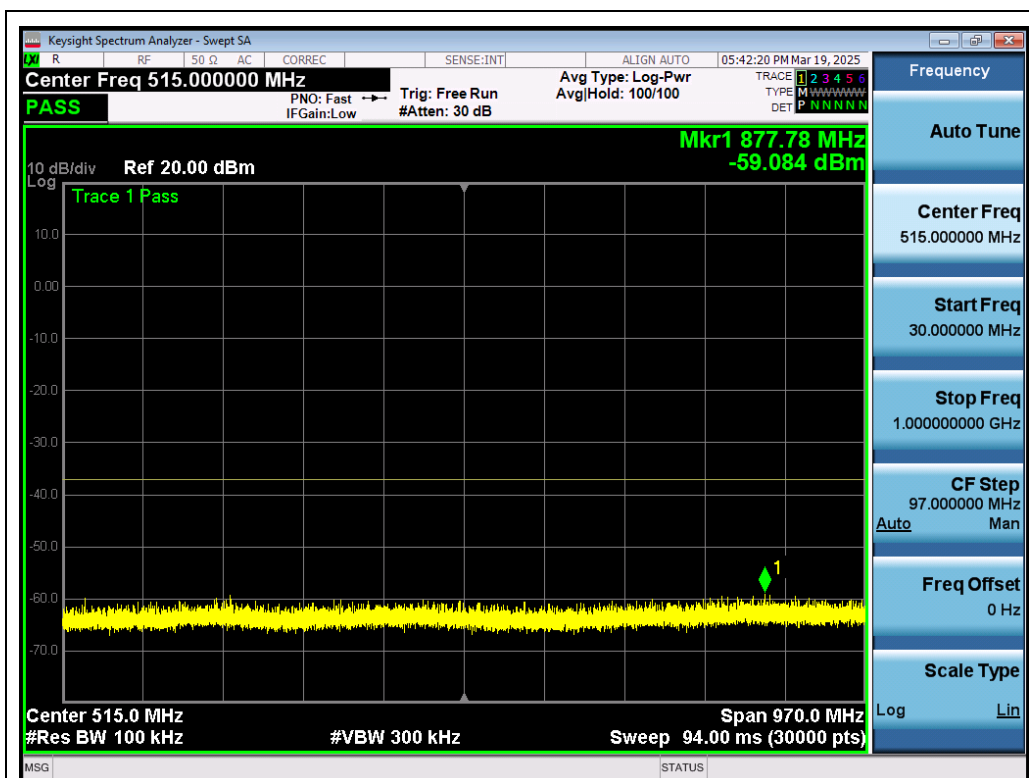


Test_Graph_802.11ac80_ANT1_5290_MCS0_Frequency Band 1

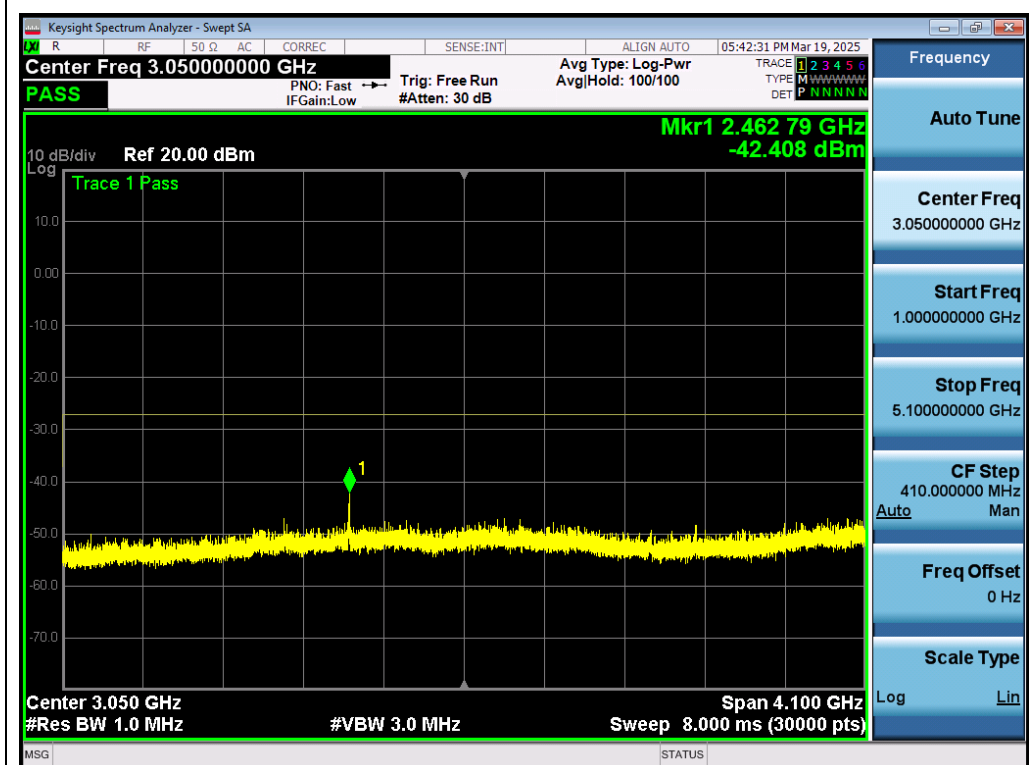


Test_Graph_802.11ac80_ANT1_5290_MCS0_Frequency Band 2

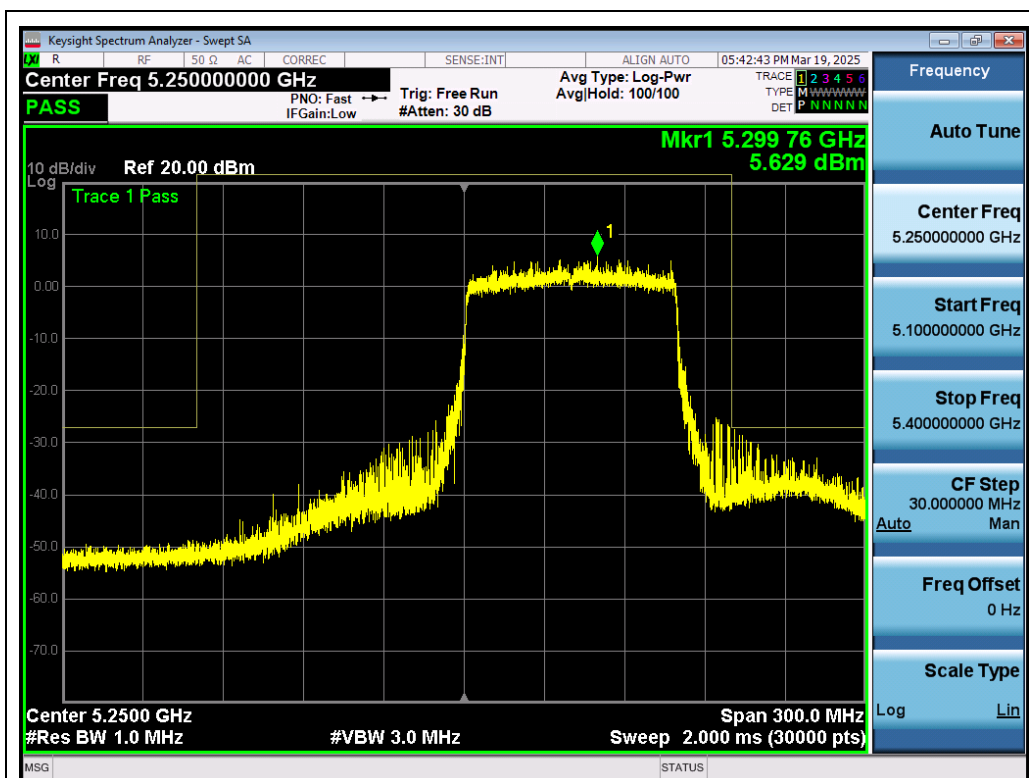




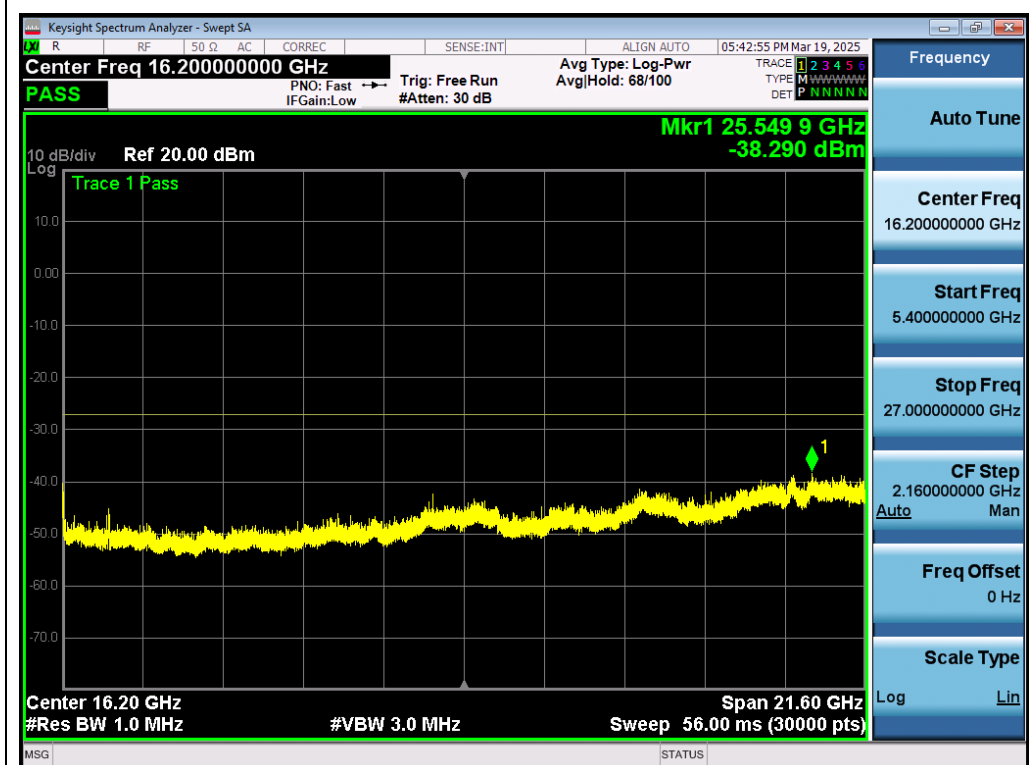
Test_Graph_802.11ax80_ANT1_5290_MCS0_Frequency Band 1



Test_Graph_802.11ax80_ANT1_5290_MCS0_Frequency Band 2

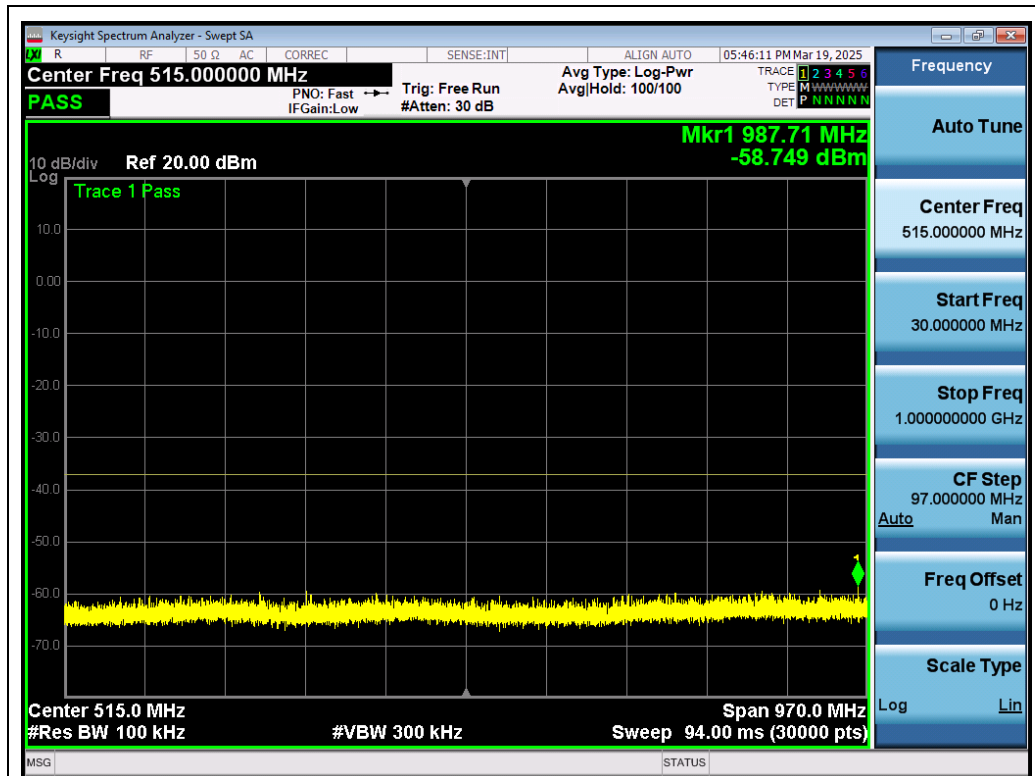


Test_Graph_802.11ax80_ANT1_5290_MCS0_Frequency Band 3

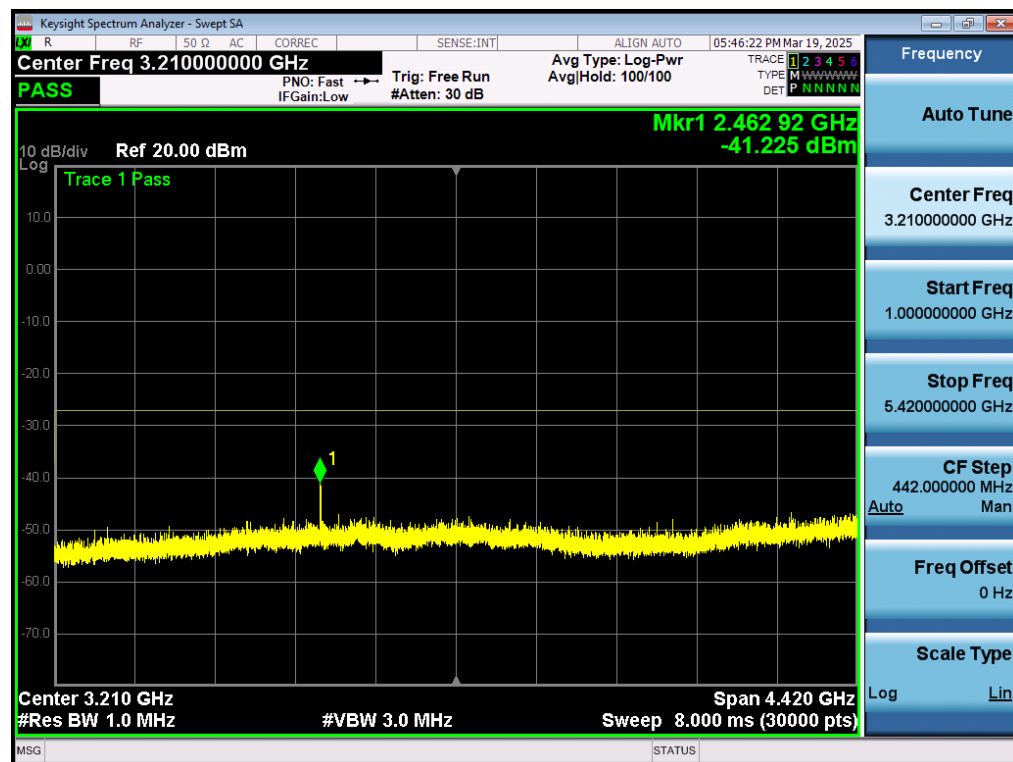


Test_Graph_802.11ax80_ANT1_5290_MCS0_Frequency Band 4

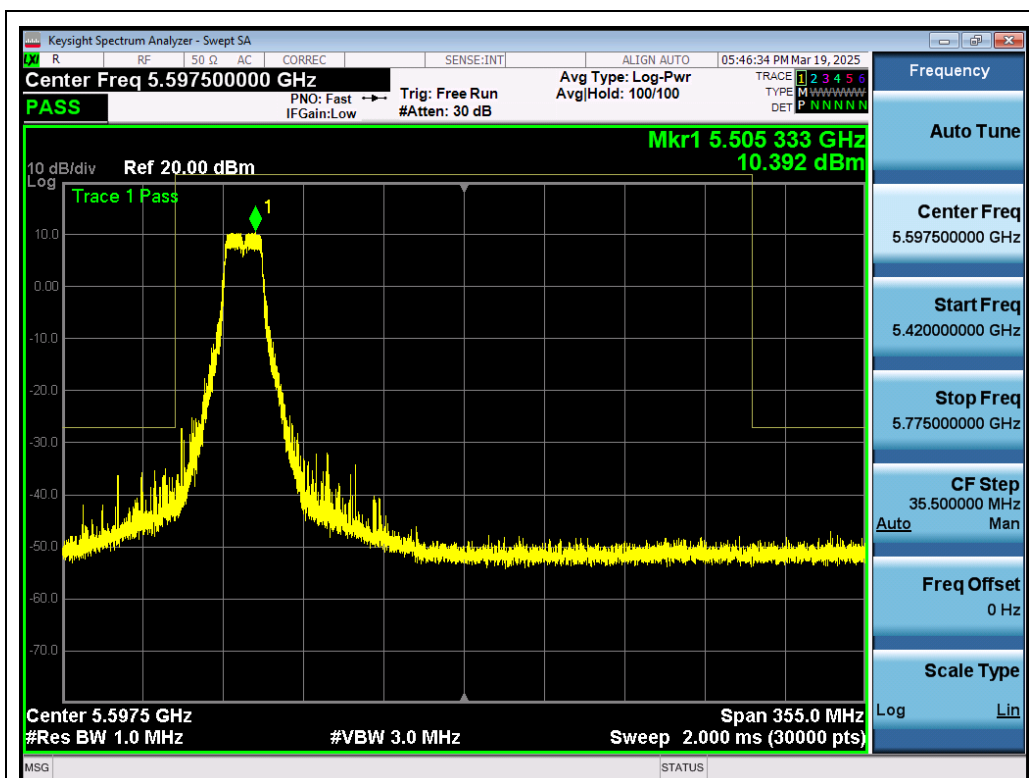
Test Graphs of Spurious Emissions outside of the 5.470-5.725 GHz band



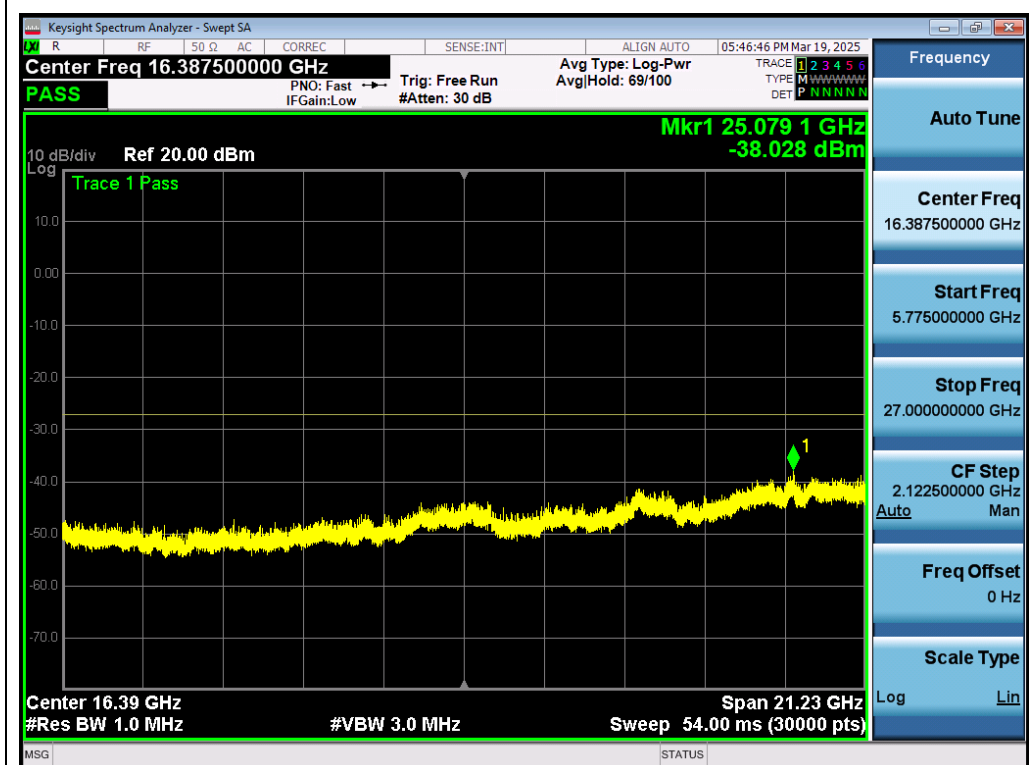
Test_Graph_802.11a_ANT1_5500_6Mbps_Frequency Band 1



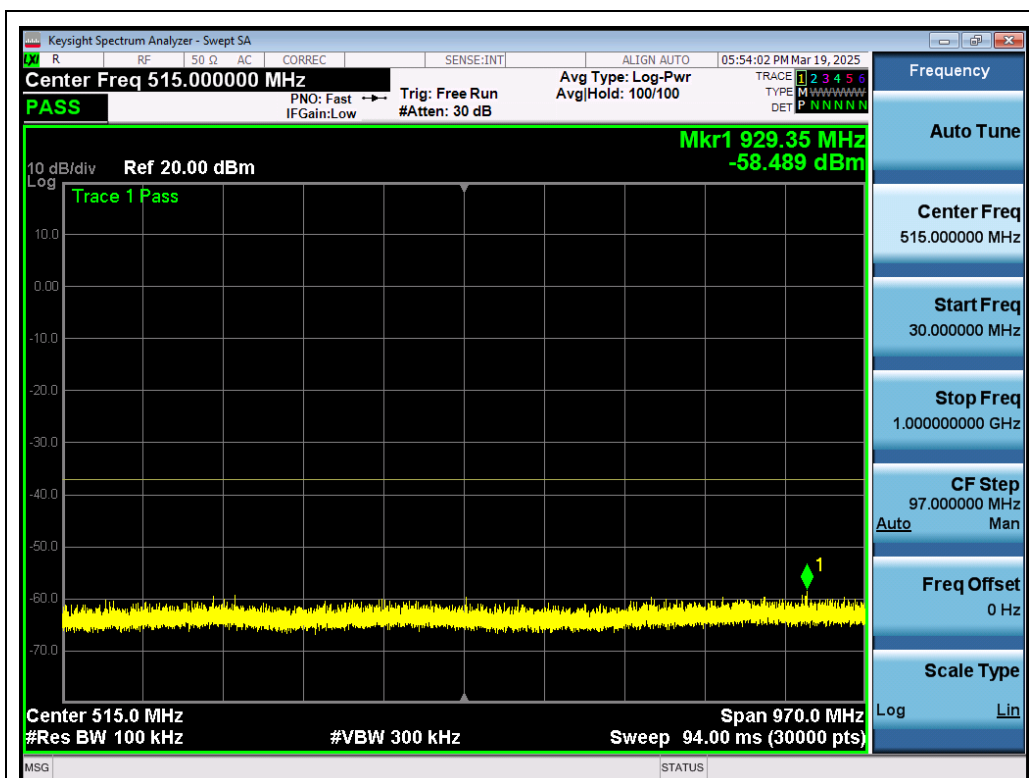
Test_Graph_802.11a_ANT1_5500_6Mbps_Frequency Band 2



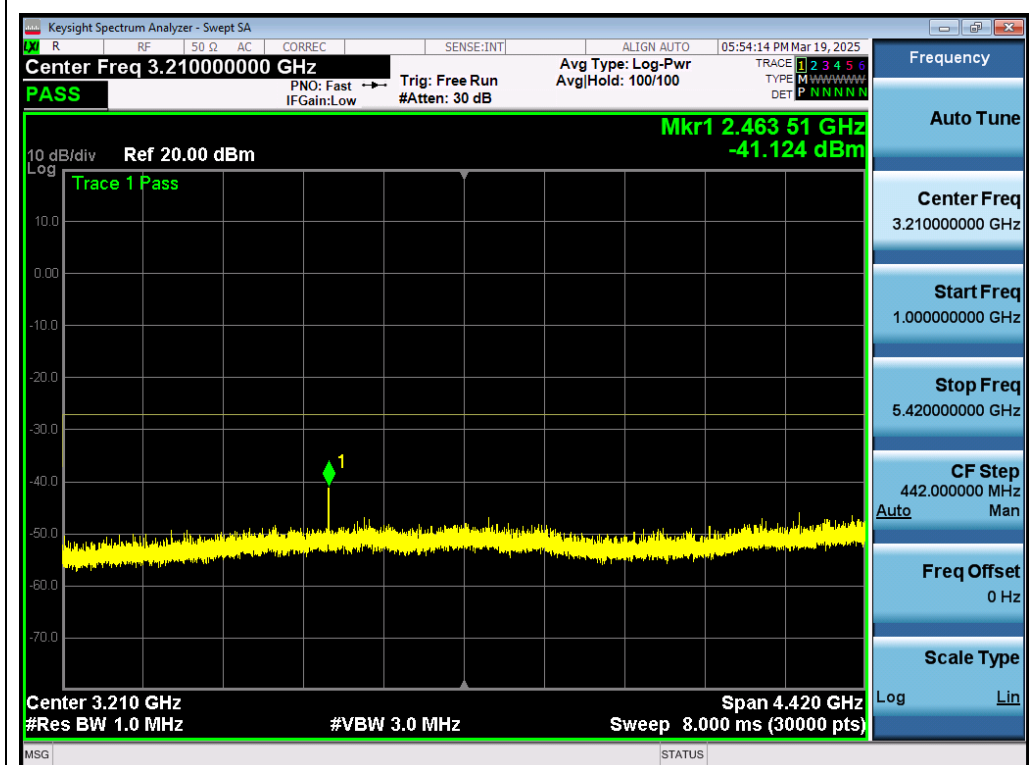
Test_Graph_802.11a_ANT1_5500_6Mbps_Frequency Band 3



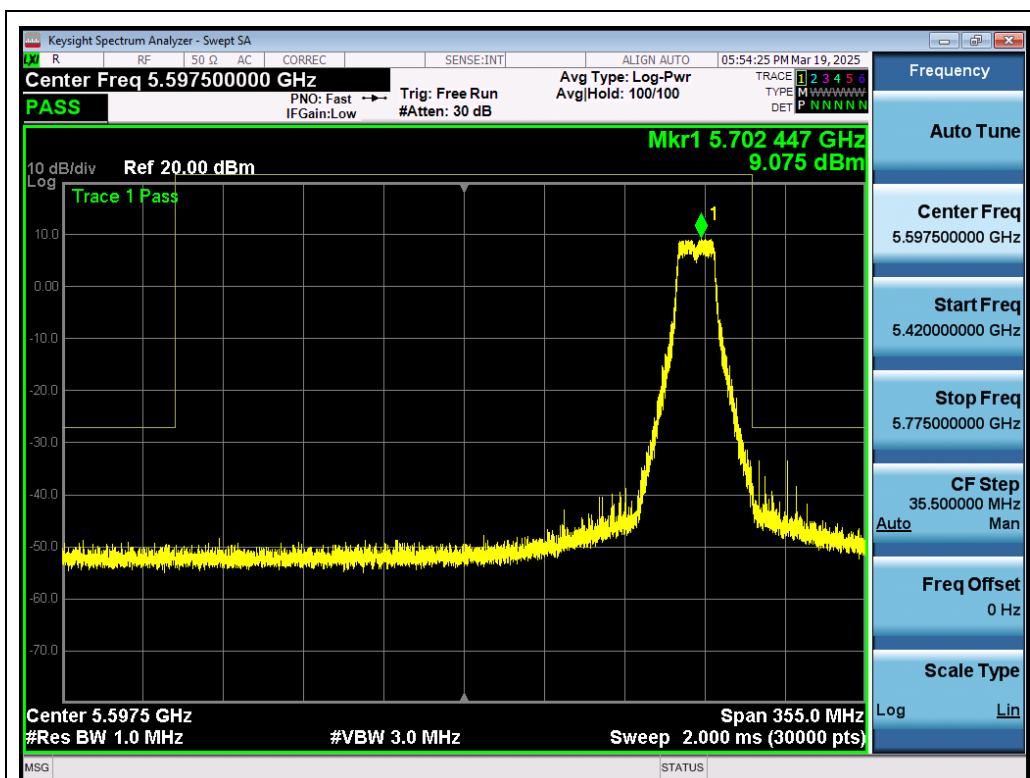
Test_Graph_802.11a_ANT1_5500_6Mbps_Frequency Band 4



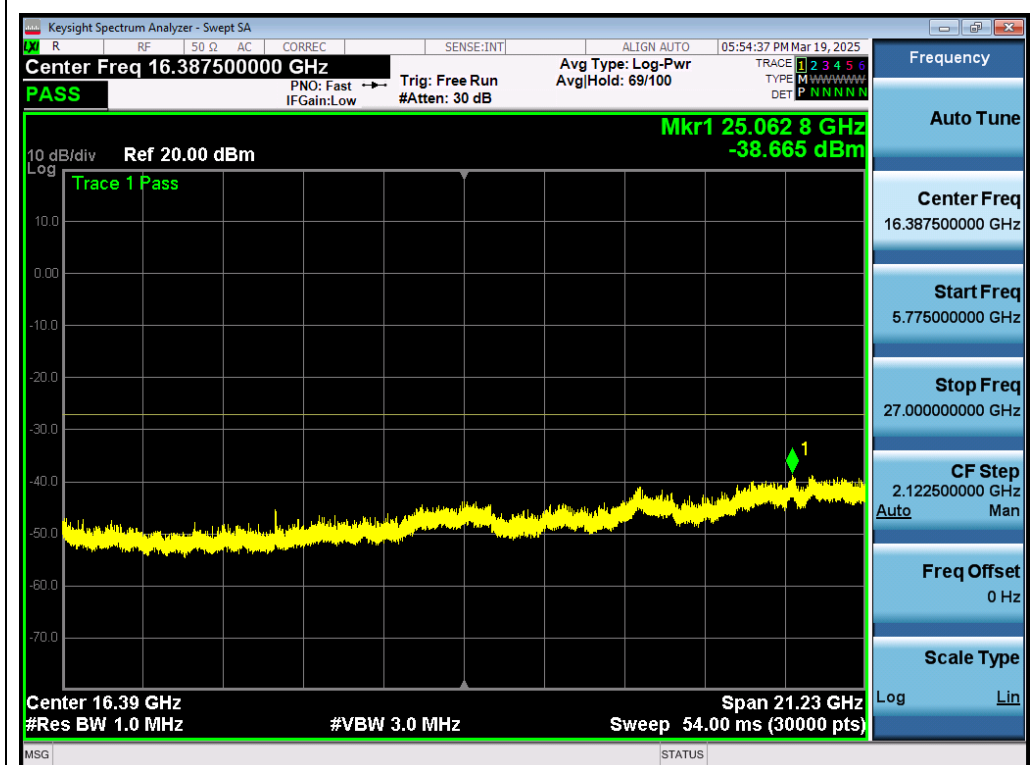
Test_Graph_802.11a_ANT1_5700_6Mbps_Frequency Band 1



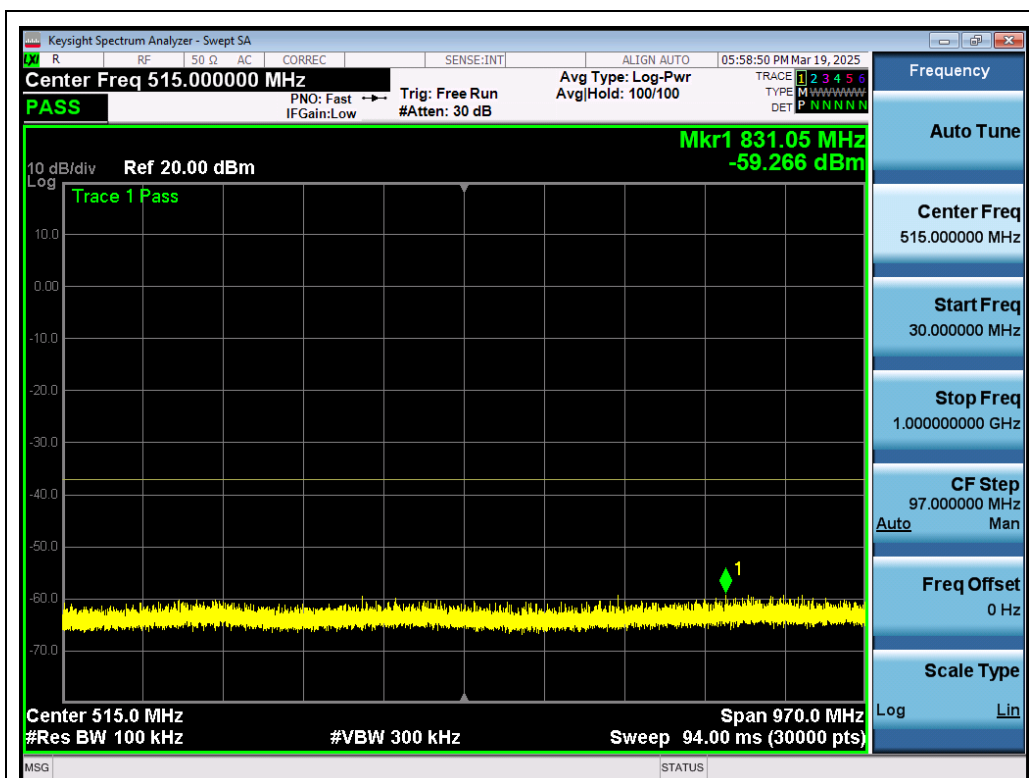
Test_Graph_802.11a_ANT1_5700_6Mbps_Frequency Band 2



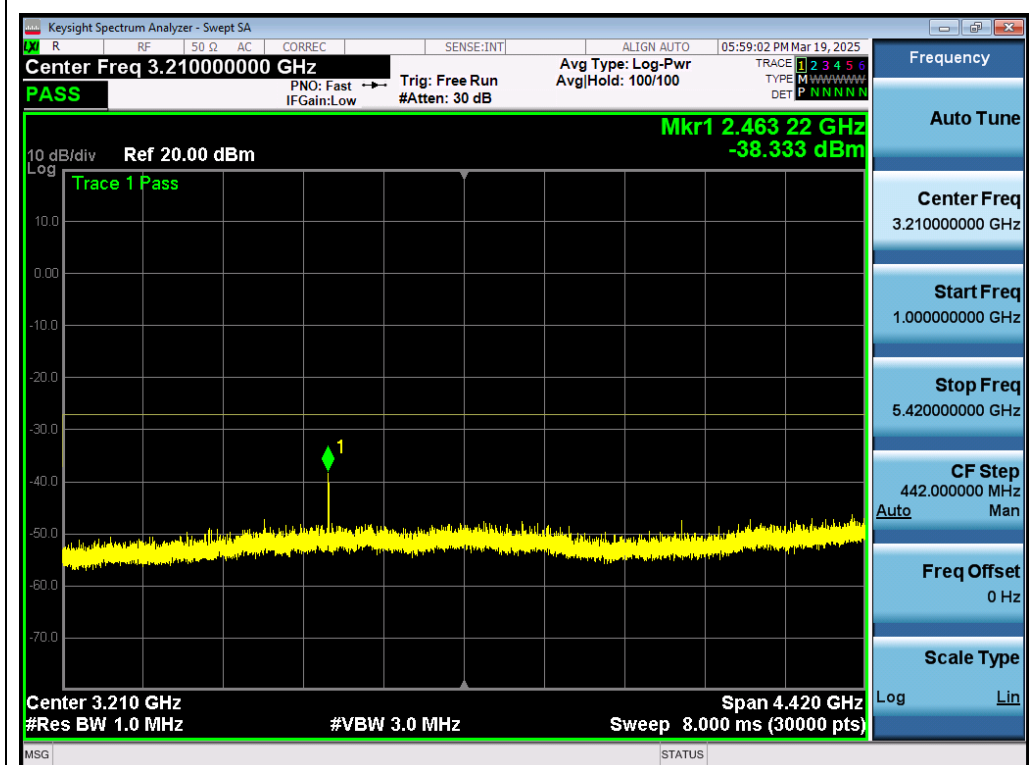
Test_Graph_802.11a_ANT1_5700_6Mbps_Frequency Band 3



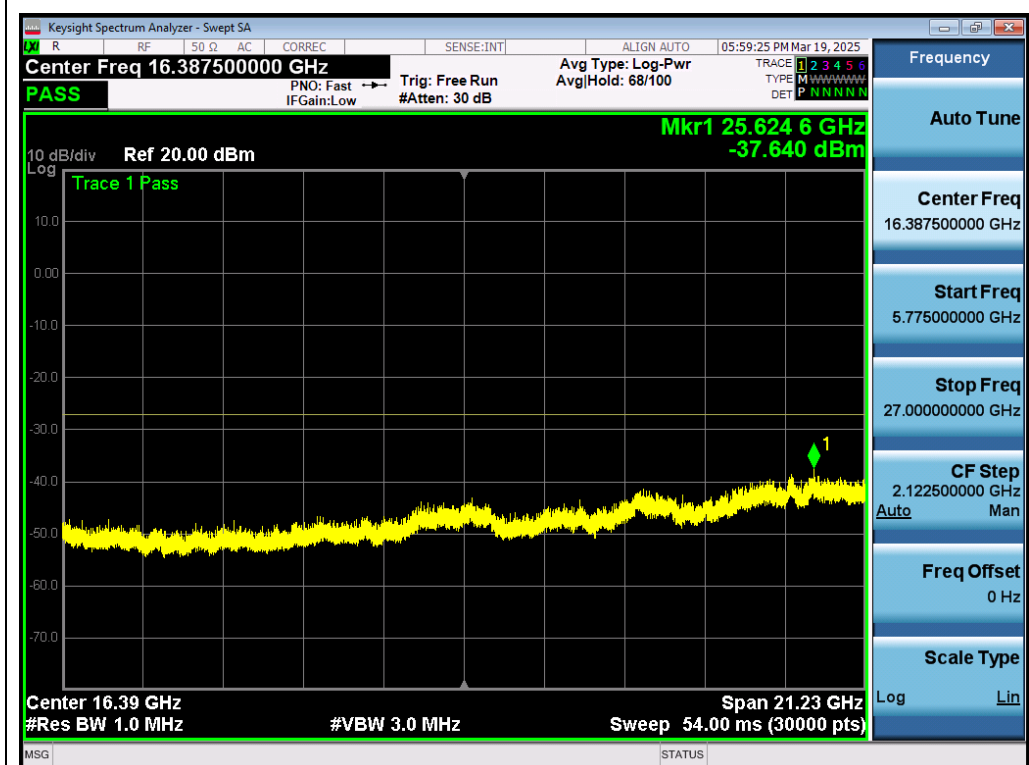
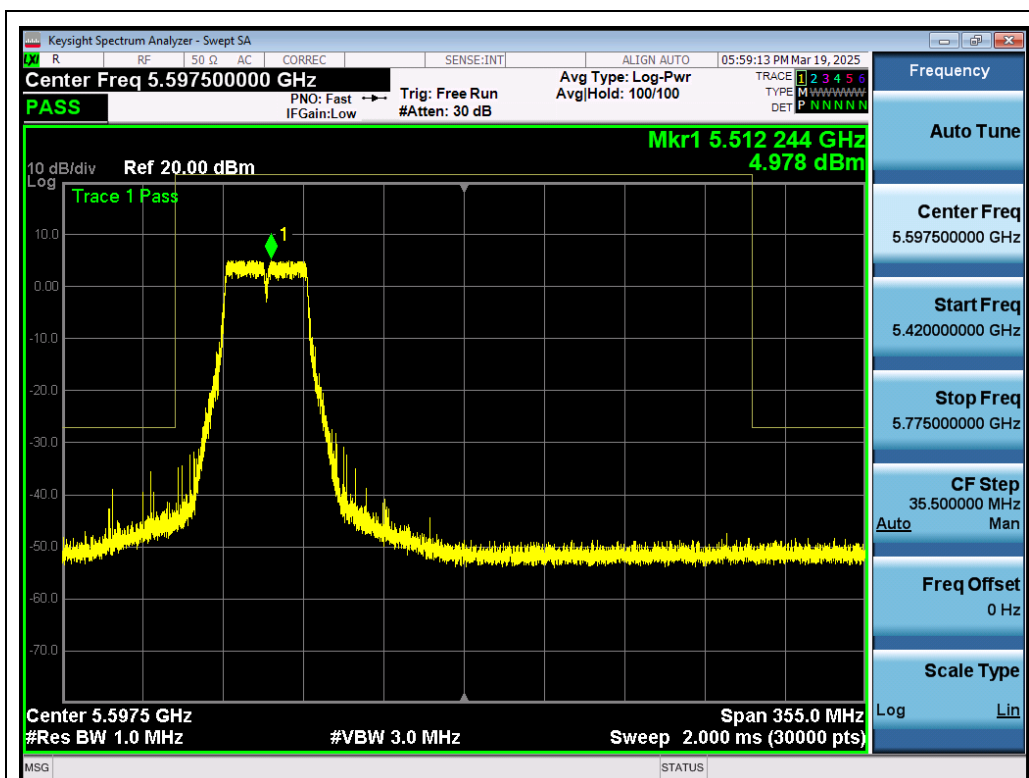
Test_Graph_802.11a_ANT1_5700_6Mbps_Frequency Band 4

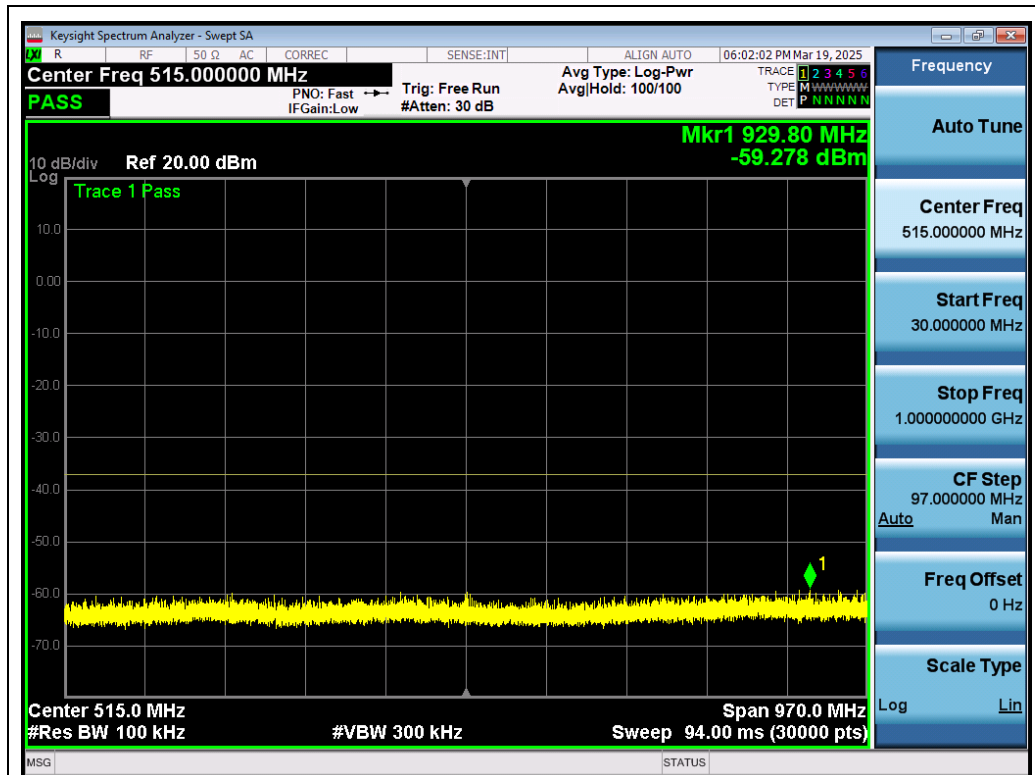


Test_Graph_802.11n40_ANT1_5510_MCS0_Frequency Band 1

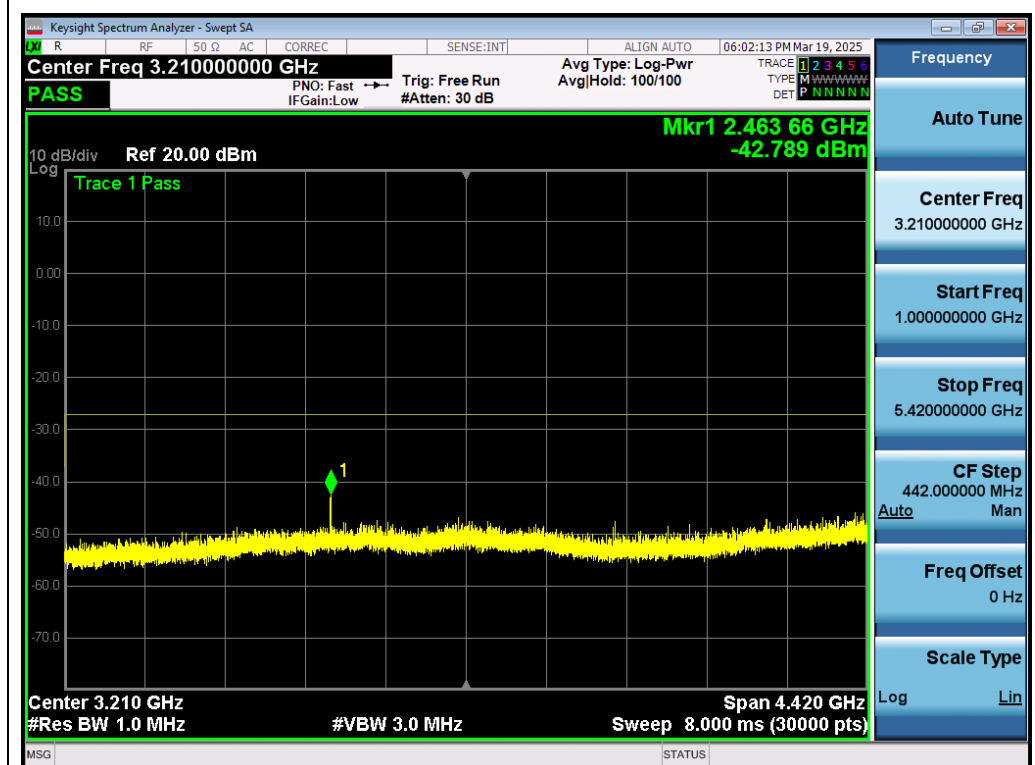


Test_Graph_802.11n40_ANT1_5510_MCS0_Frequency Band 2

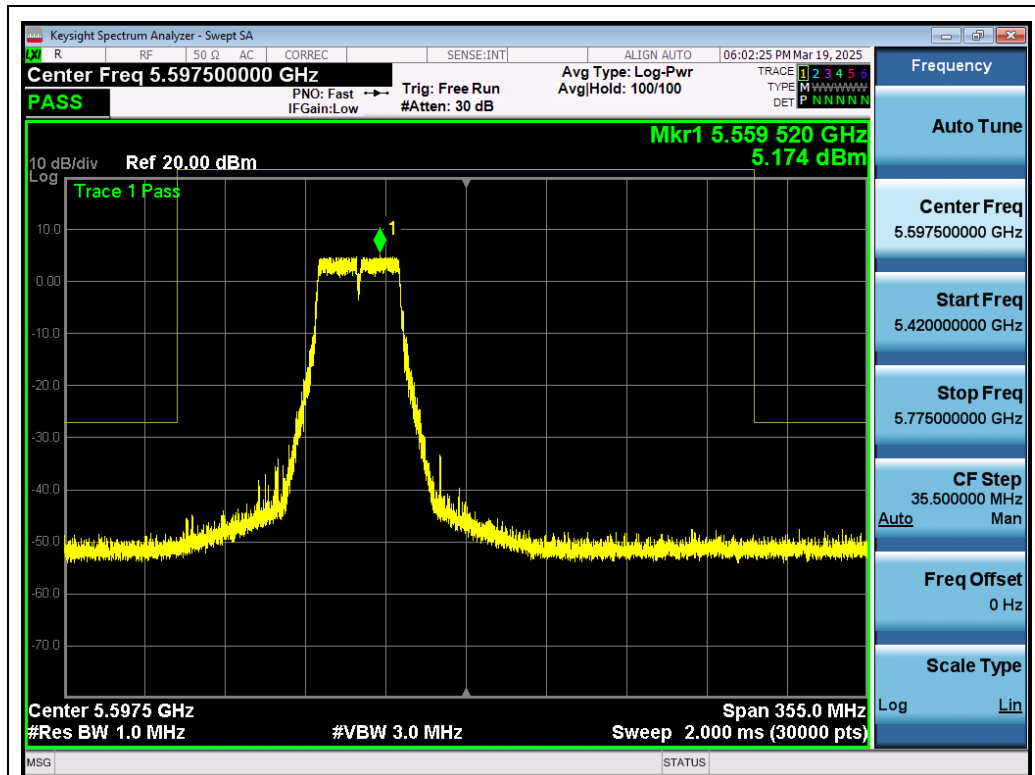




Test_Graph_802.11n40_ANT1_5550_MCS0_Frequency Band 1



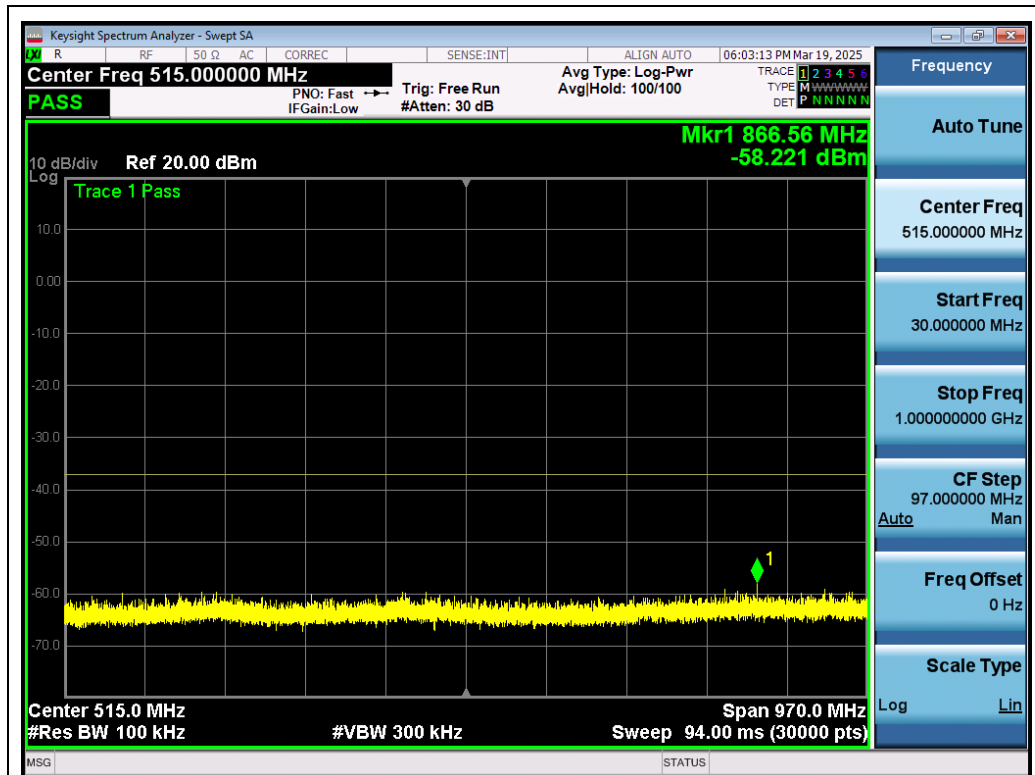
Test_Graph_802.11n40_ANT1_5550_MCS0_Frequency Band 2



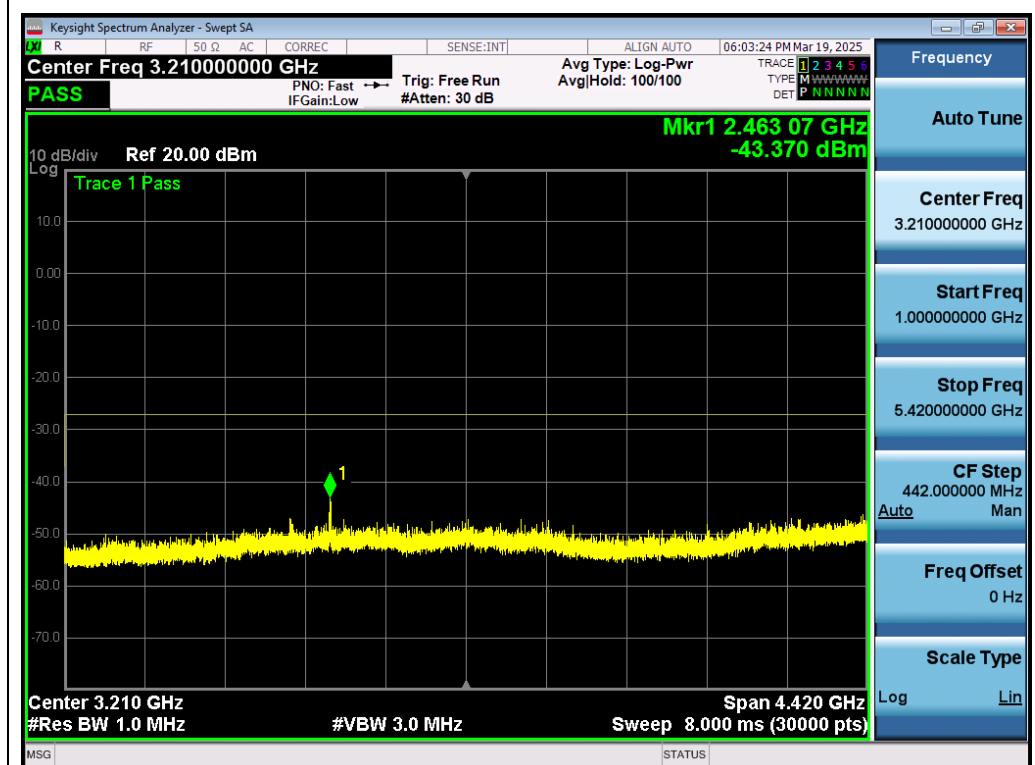
Test_Graph_802.11n40_ANT1_5550_MCS0_Frequency Band 3



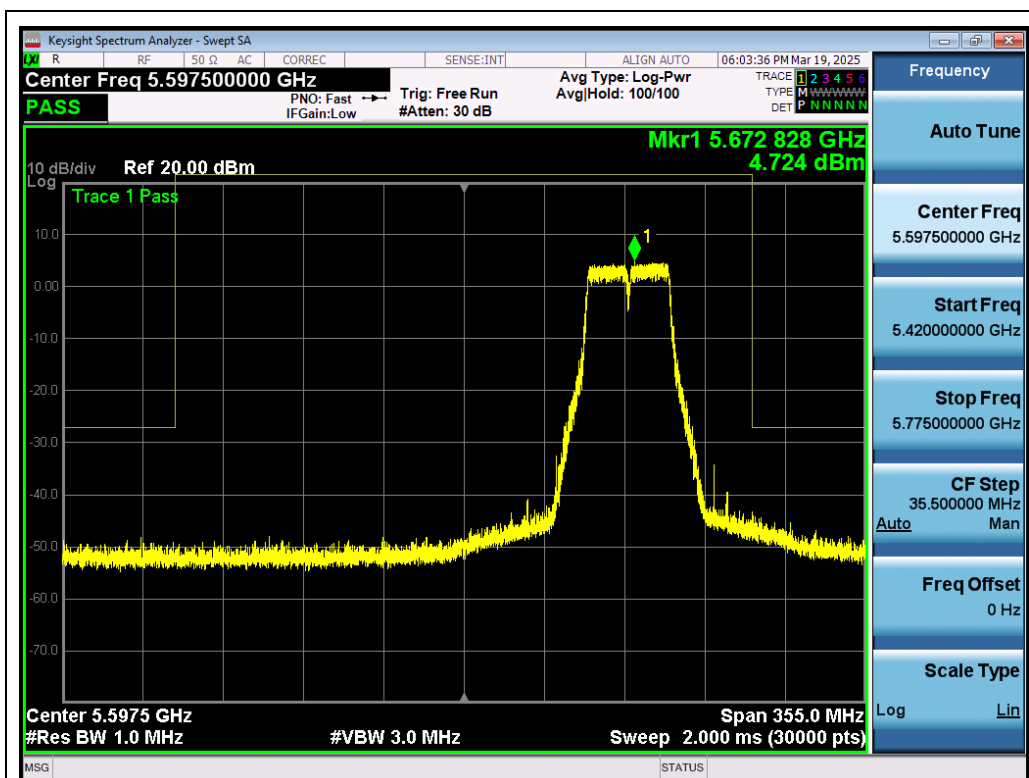
Test_Graph_802.11n40_ANT1_5550_MCS0_Frequency Band 4



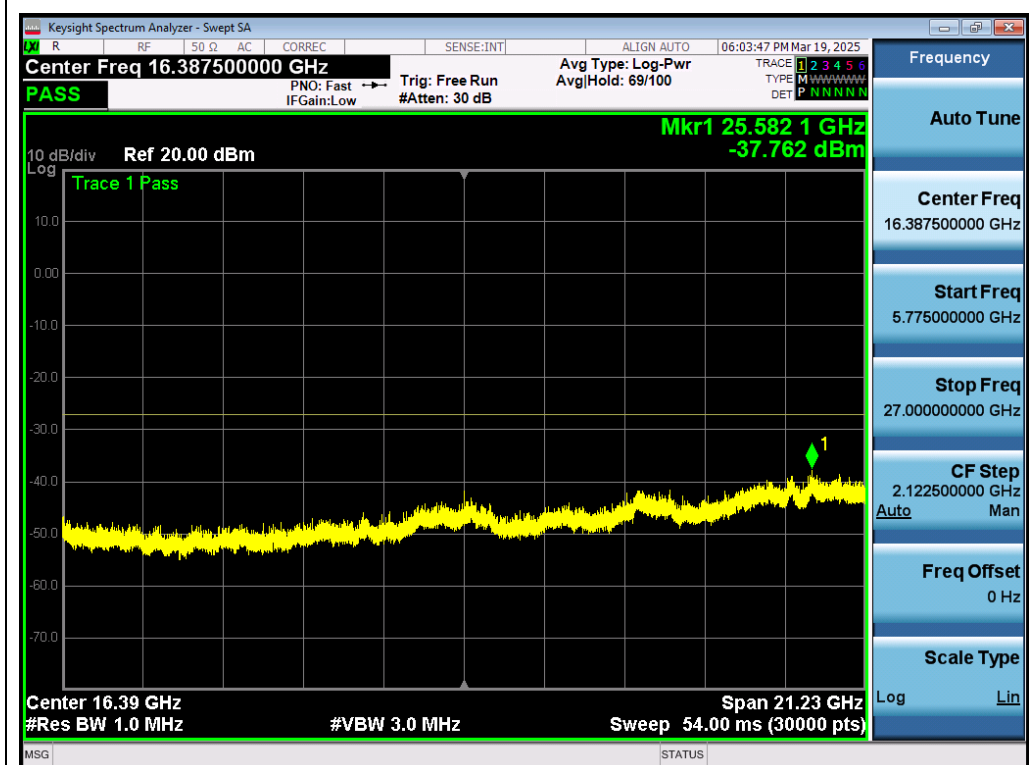
Test_Graph_802.11n40_ANT1_5670_MCS0_Frequency Band 1



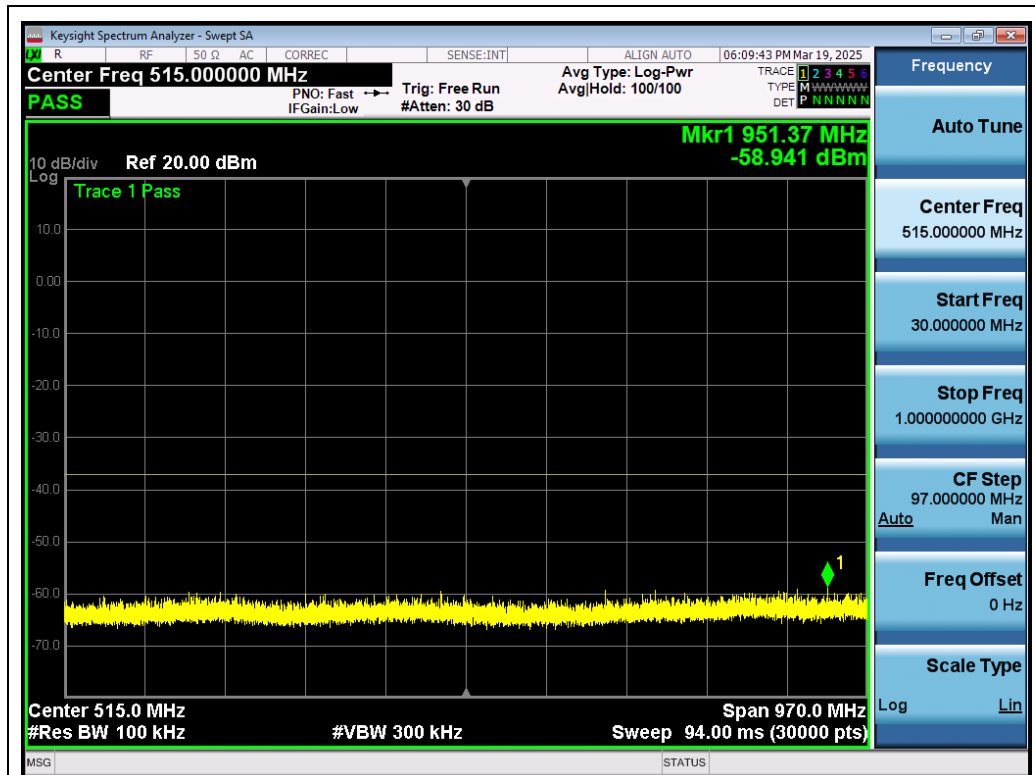
Test_Graph_802.11n40_ANT1_5670_MCS0_Frequency Band 2



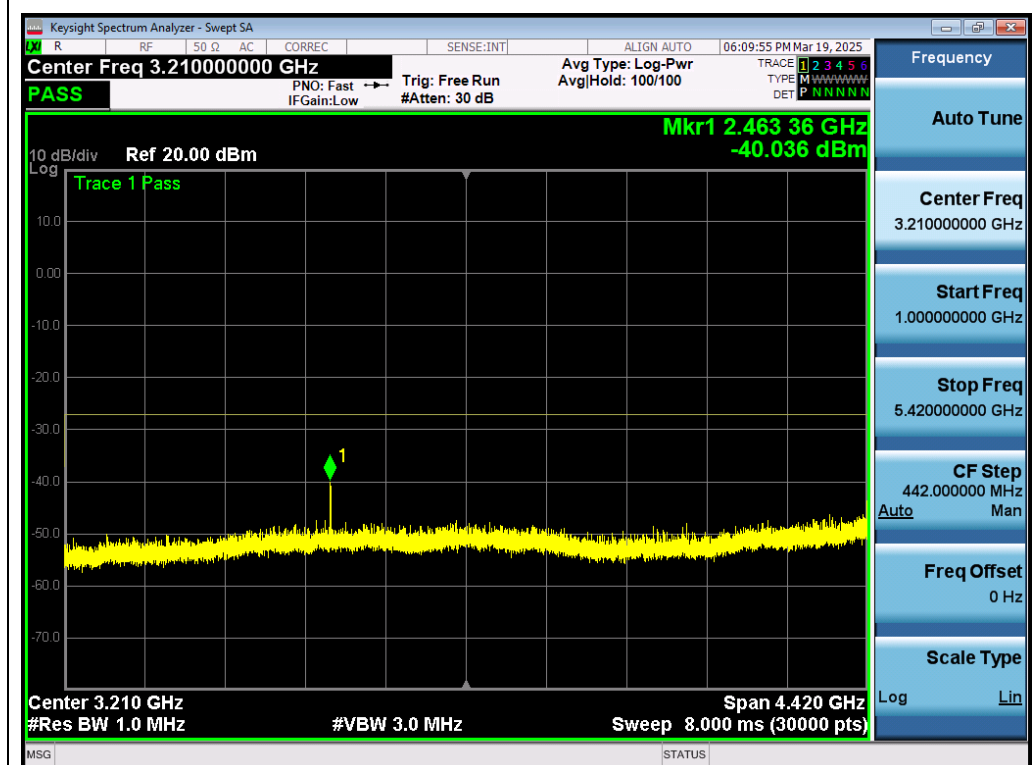
Test_Graph_802.11n40_ANT1_5670_MCS0_Frequency Band 3



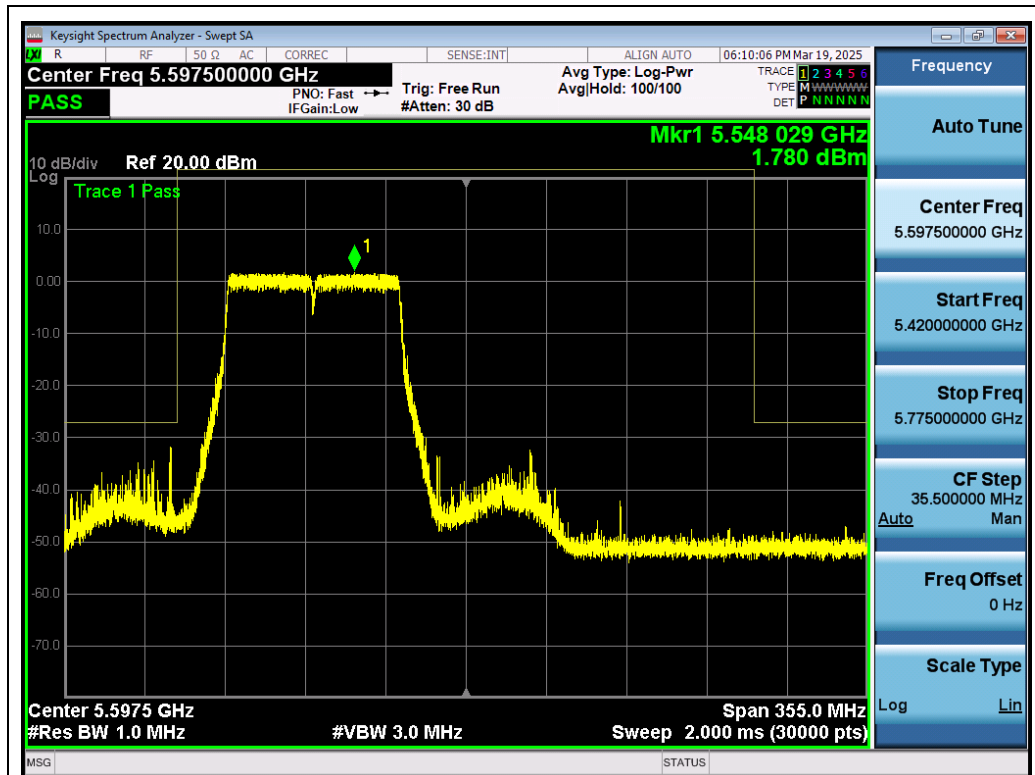
Test_Graph_802.11n40_ANT1_5670_MCS0_Frequency Band 4



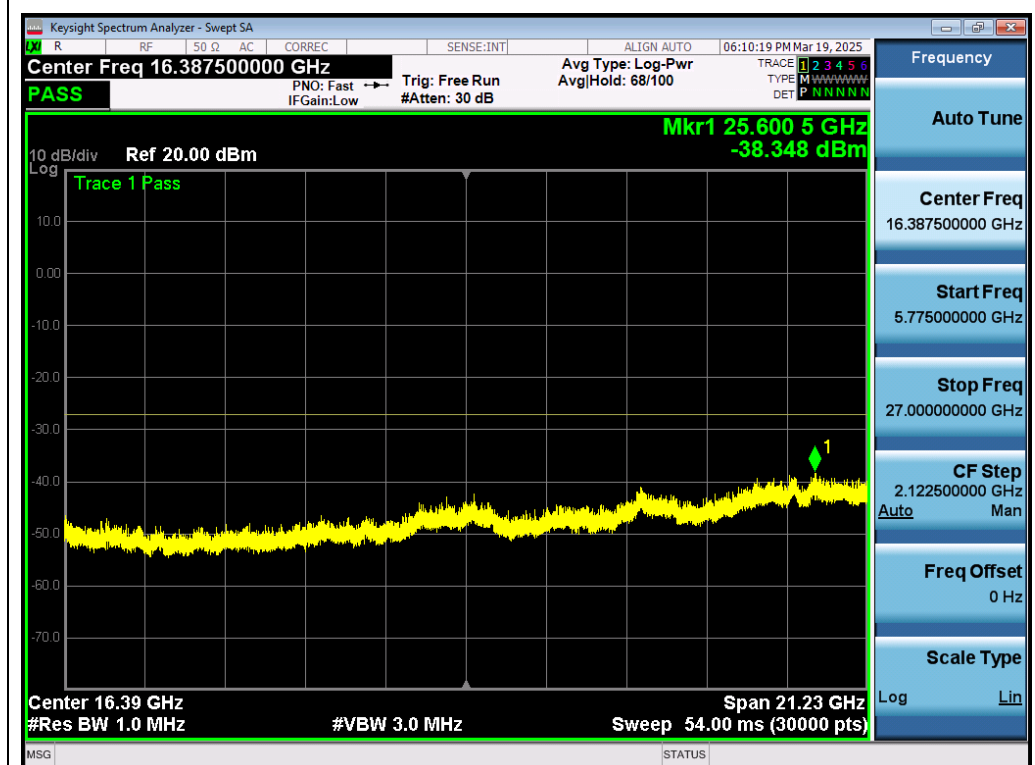
Test_Graph_802.11ac80_ANT1_5530_MCS0_Frequency Band 1



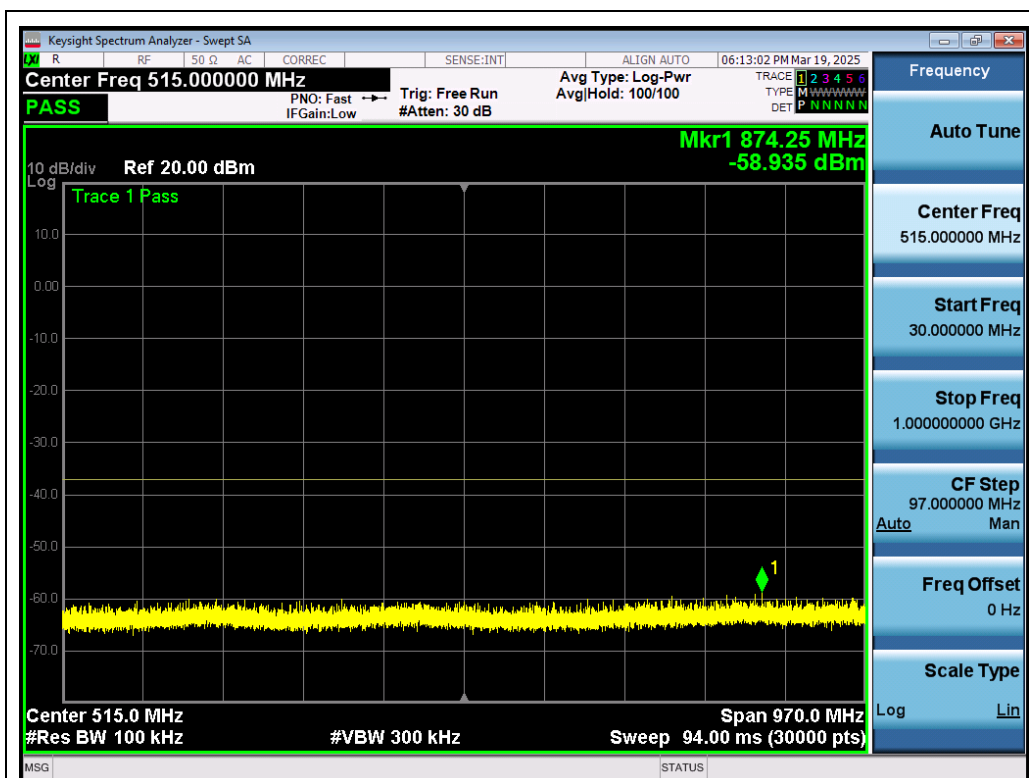
Test_Graph_802.11ac80_ANT1_5530_MCS0_Frequency Band 2



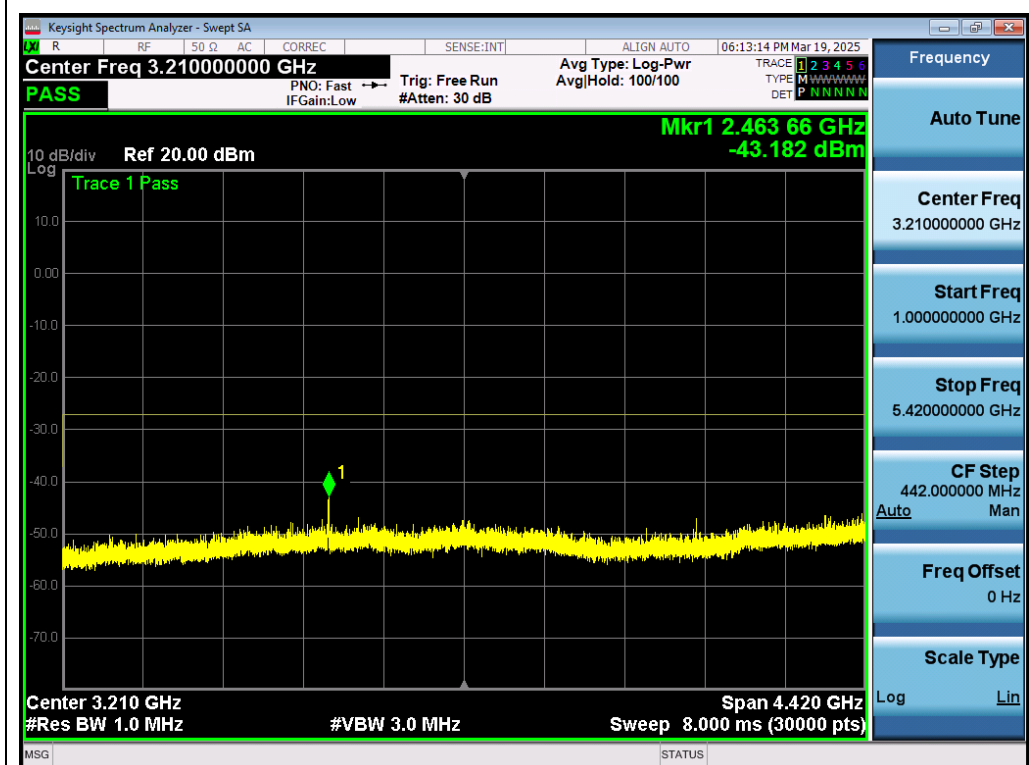
Test_Graph_802.11ac80_ANT1_5530_MCS0_Frequency Band 3



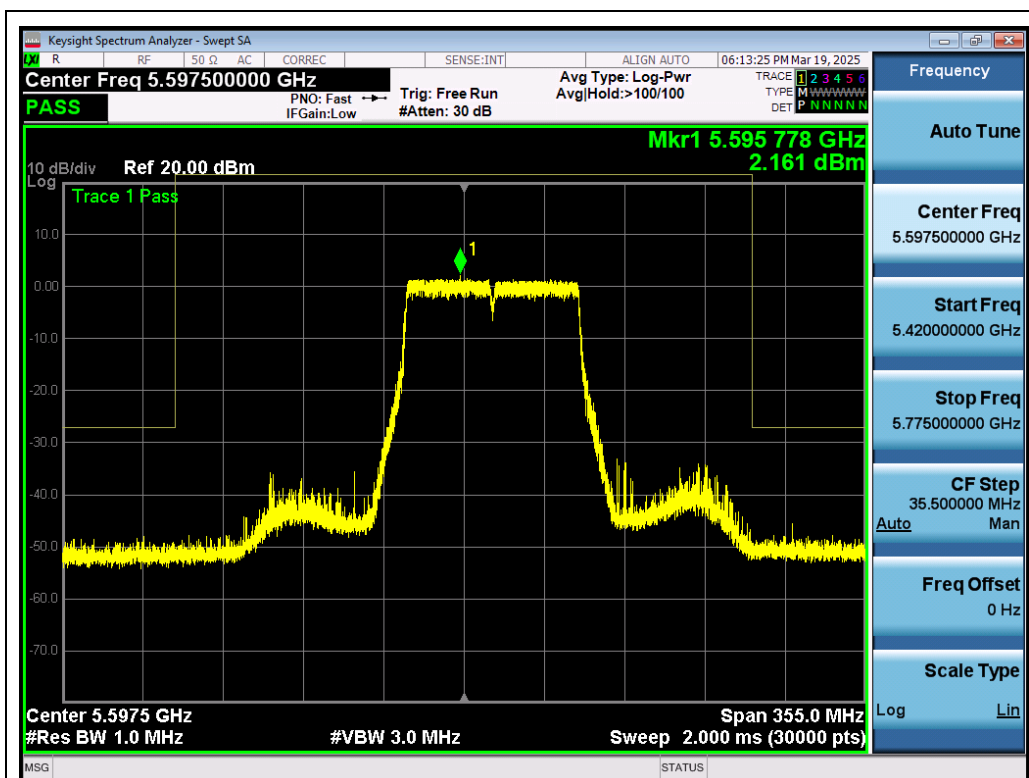
Test_Graph_802.11ac80_ANT1_5530_MCS0_Frequency Band 4



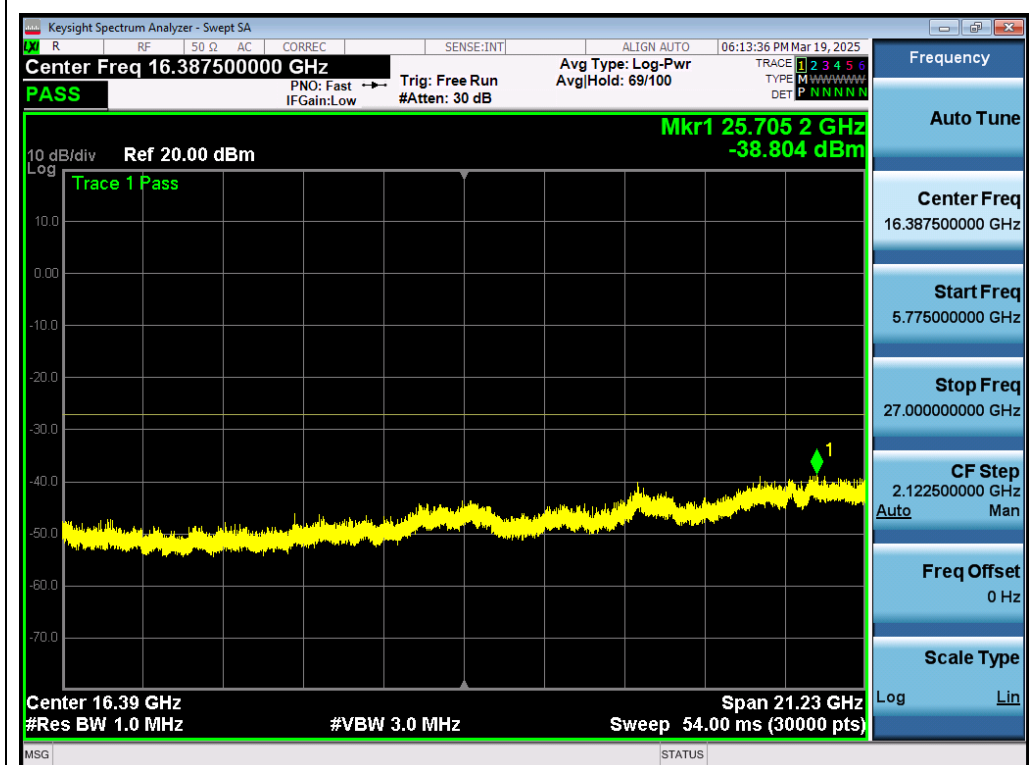
Test_Graph_802.11ac80_ANT1_5610_MCS0_Frequency Band 1



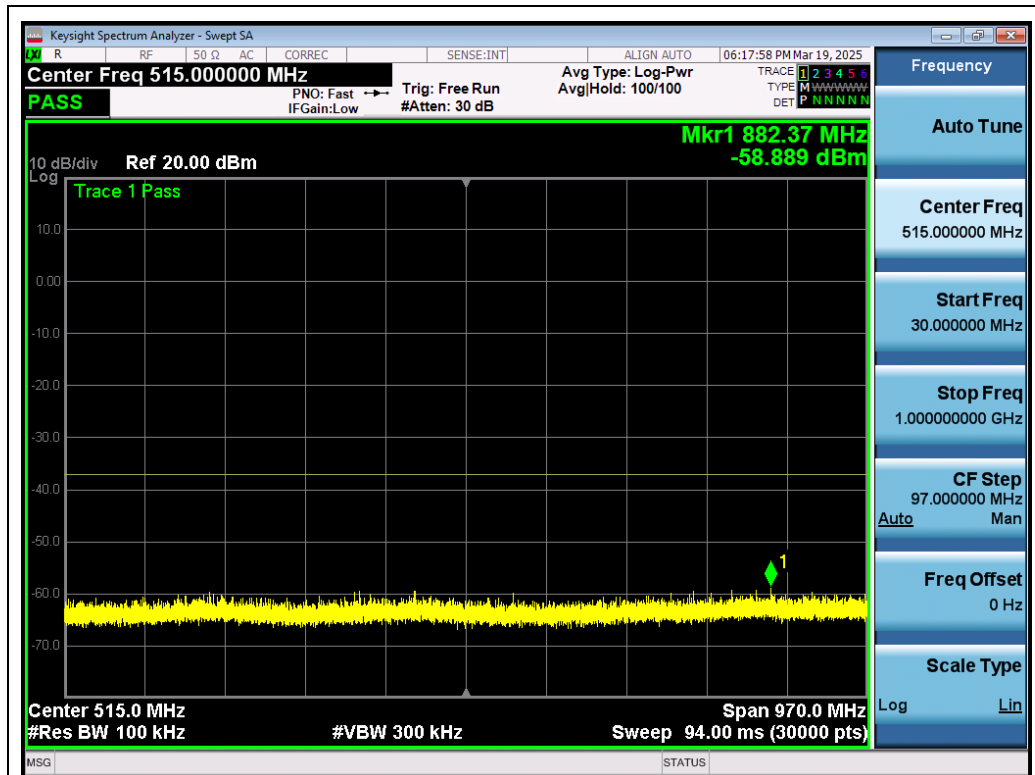
Test_Graph_802.11ac80_ANT1_5610_MCS0_Frequency Band 2



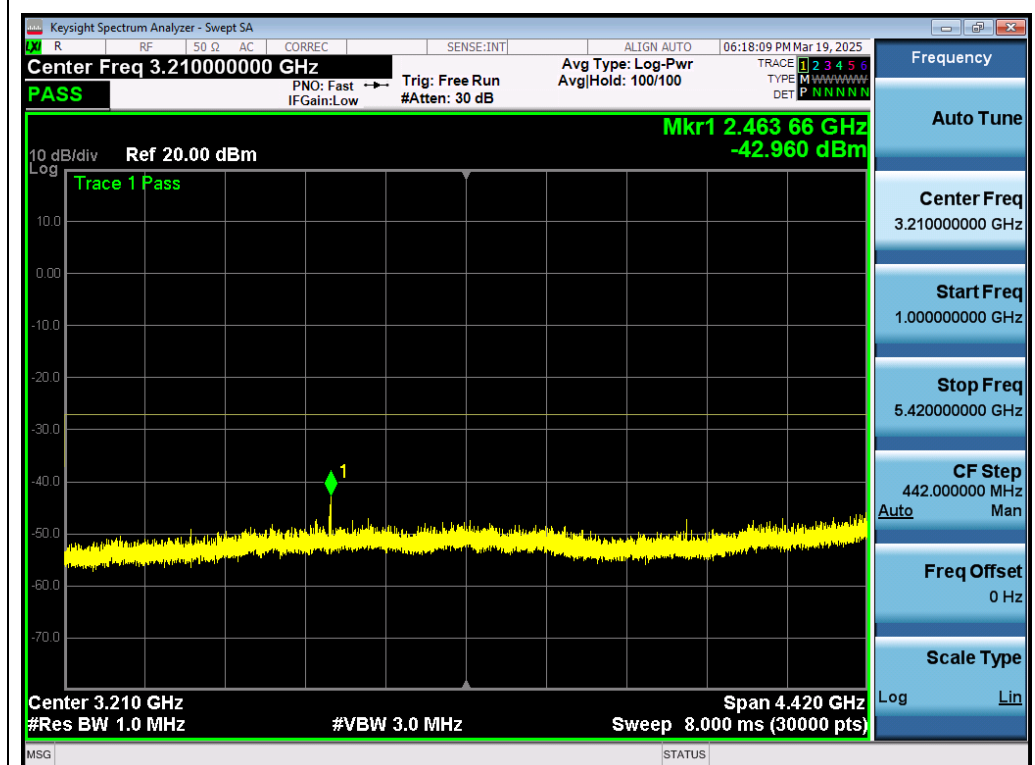
Test_Graph_802.11ac80_ANT1_5610_MCS0_Frequency Band 3



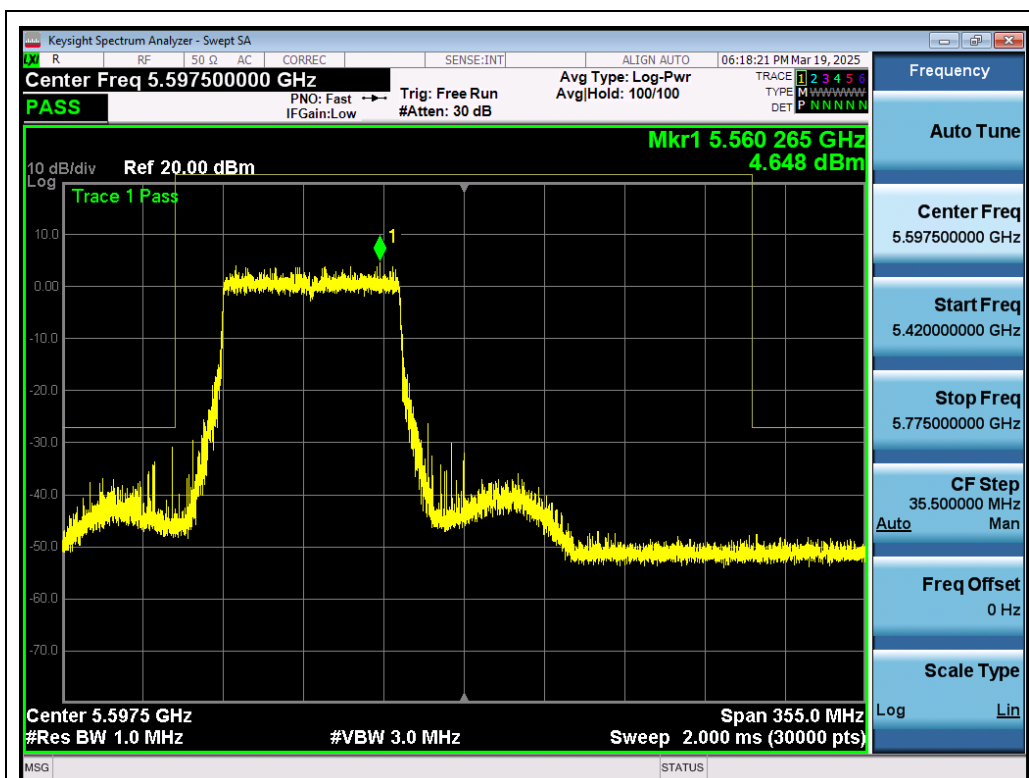
Test_Graph_802.11ac80_ANT1_5610_MCS0_Frequency Band 4



Test_Graph_802.11ax80_ANT1_5530_MCS0_Frequency Band 1



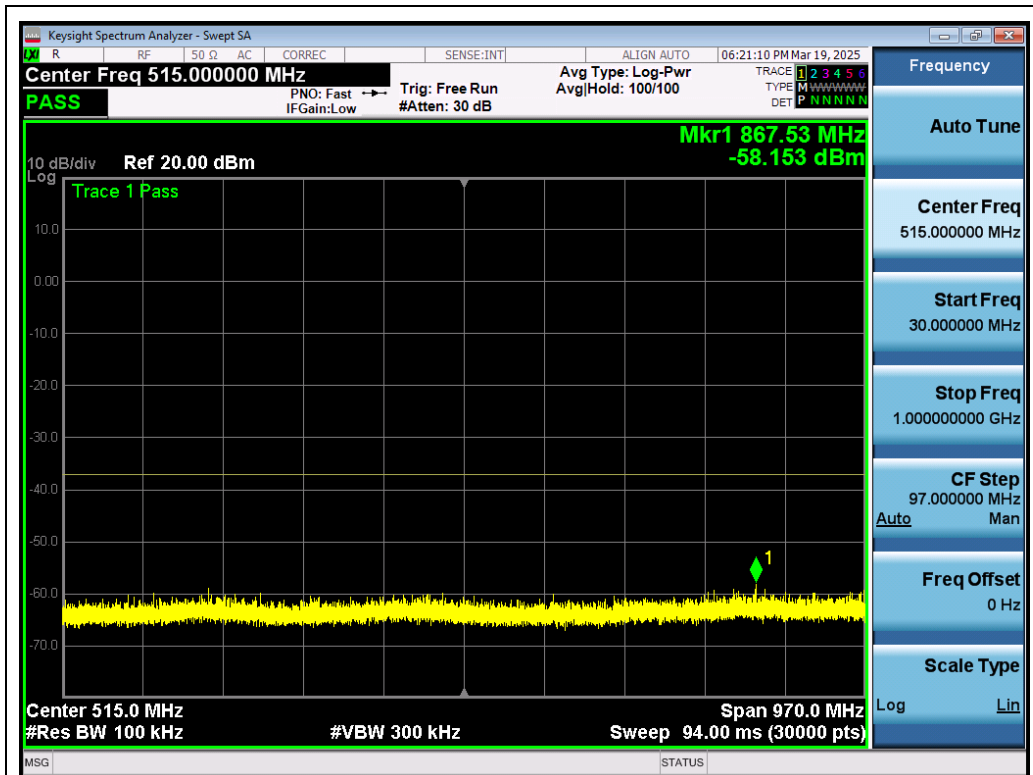
Test_Graph_802.11ax80_ANT1_5530_MCS0_Frequency Band 2



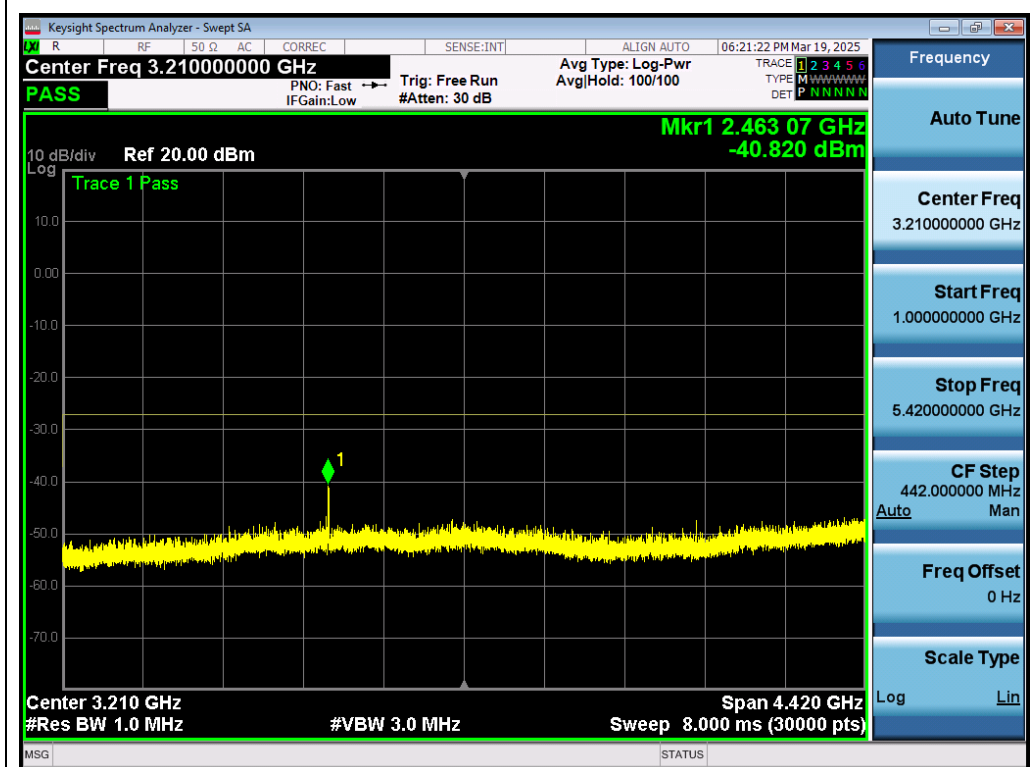
Test_Graph_802.11ax80_ANT1_5530_MCS0_Frequency Band 3



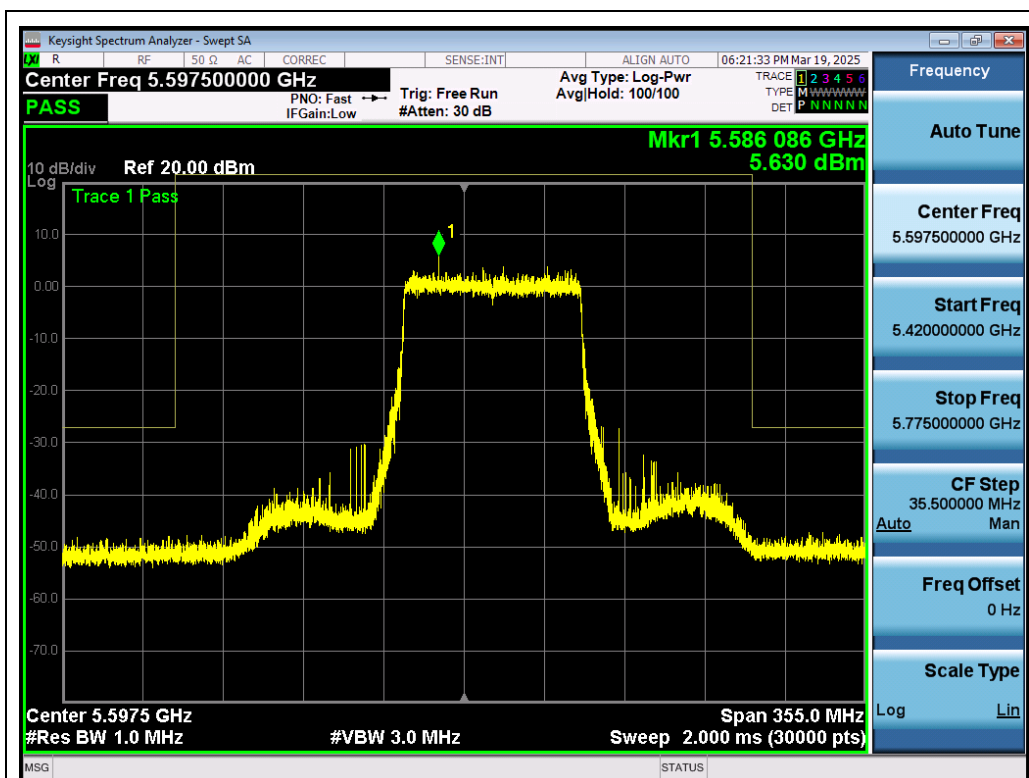
Test_Graph_802.11ax80_ANT1_5530_MCS0_Frequency Band 4



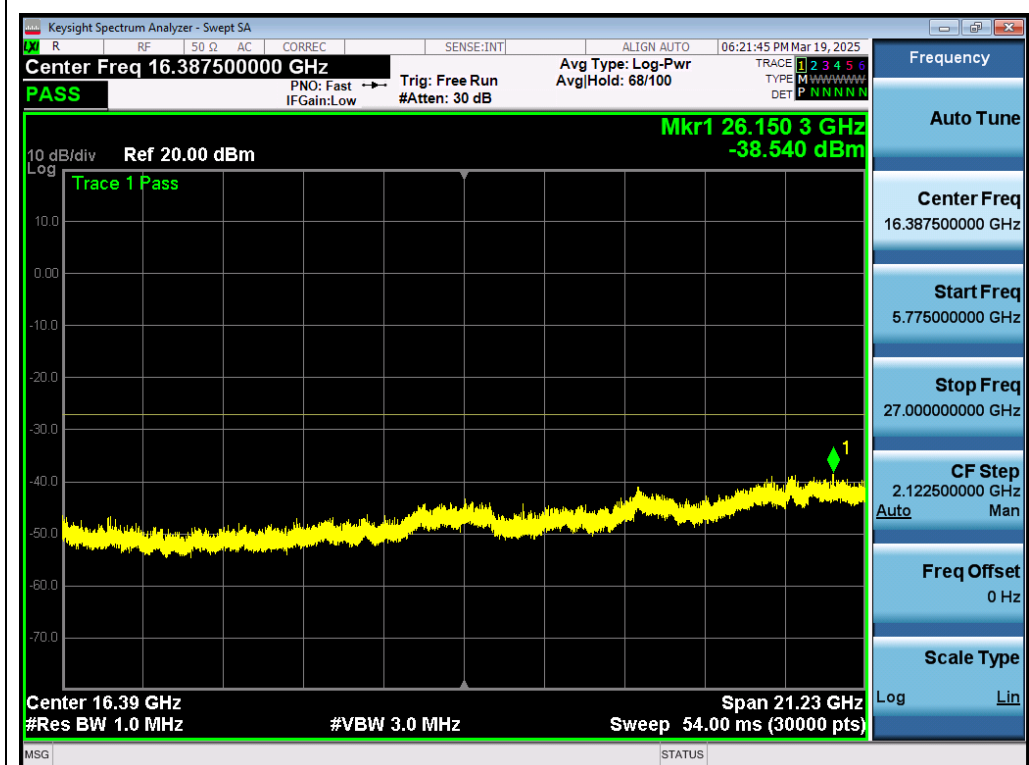
Test_Graph_802.11ax80_ANT1_5610_MCS0_Frequency Band 1



Test_Graph_802.11ax80_ANT1_5610_MCS0_Frequency Band 2

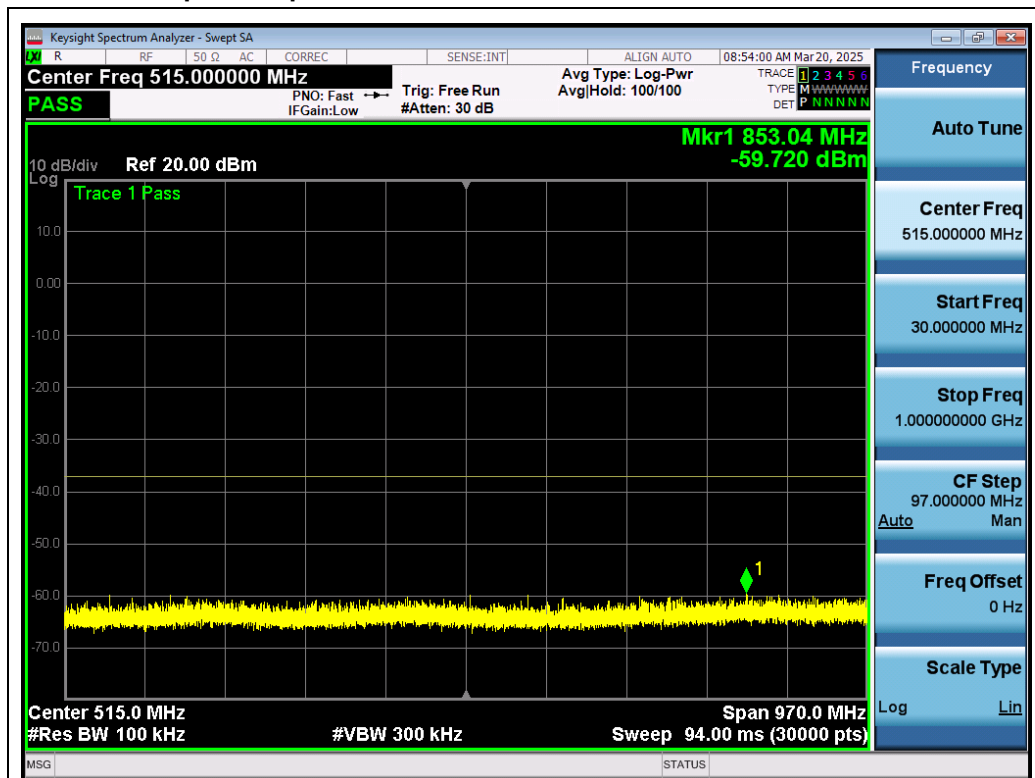


Test Graph 802.11ax80 ANT1 5610 MCS0 Frequency Band 3

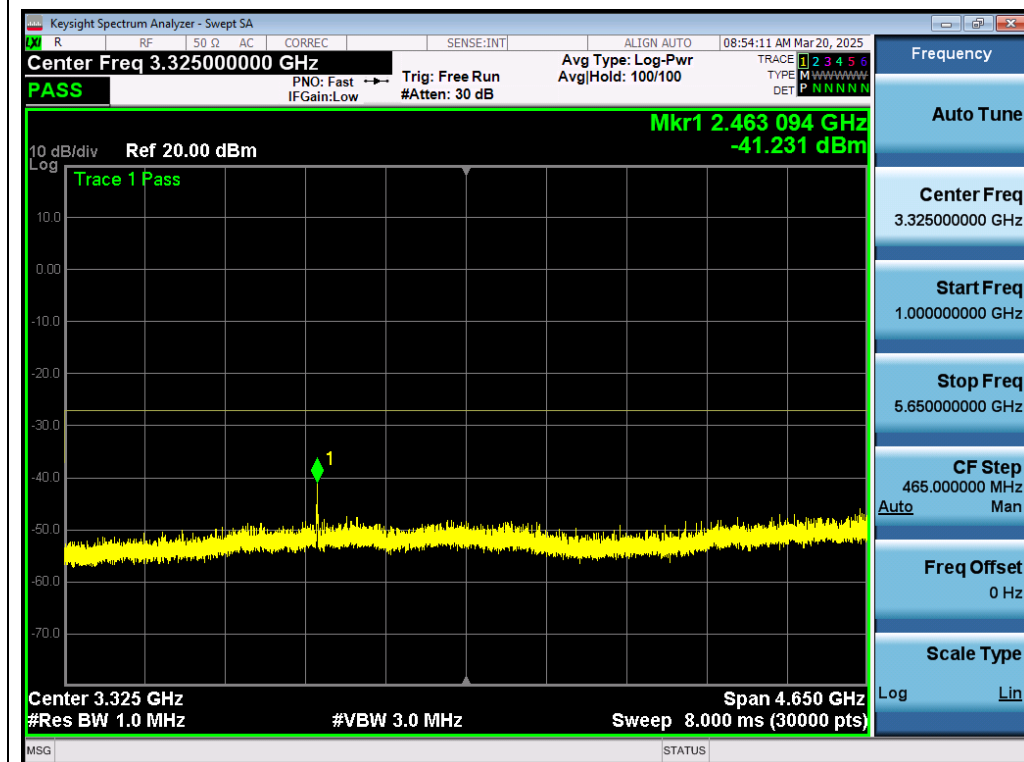


Test Graph 802.11ax80 ANT1 5610 MCS0 Frequency Band 4

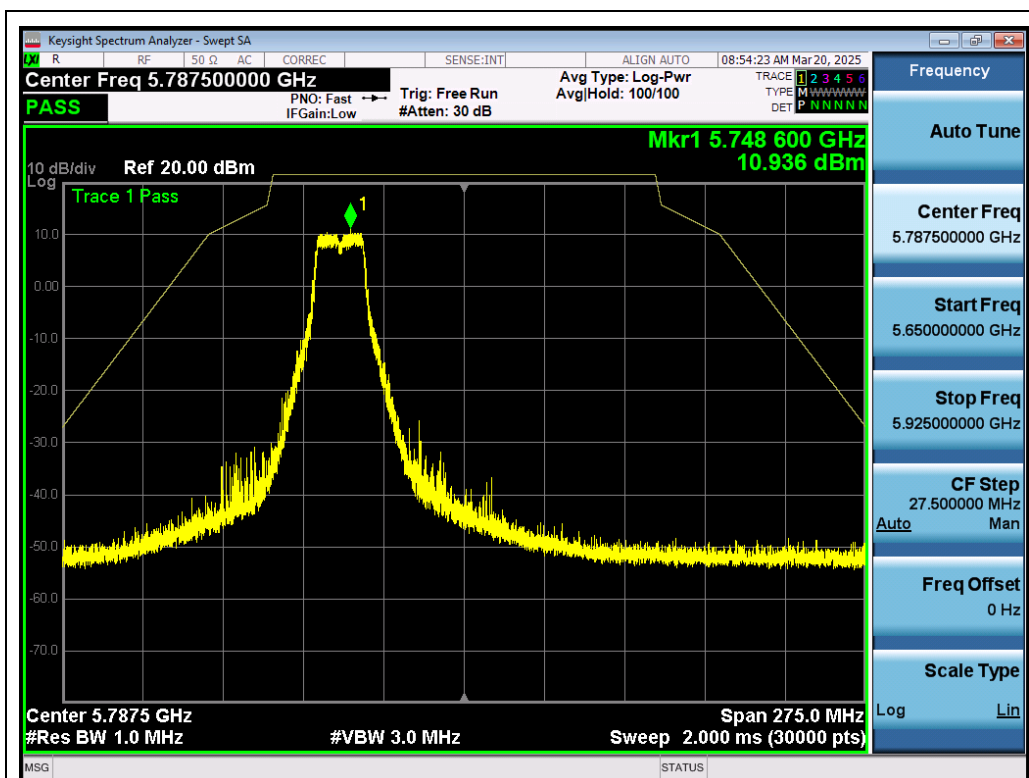
Test Graphs of Spurious Emissions outside of the 5.725-5.85 GHz band



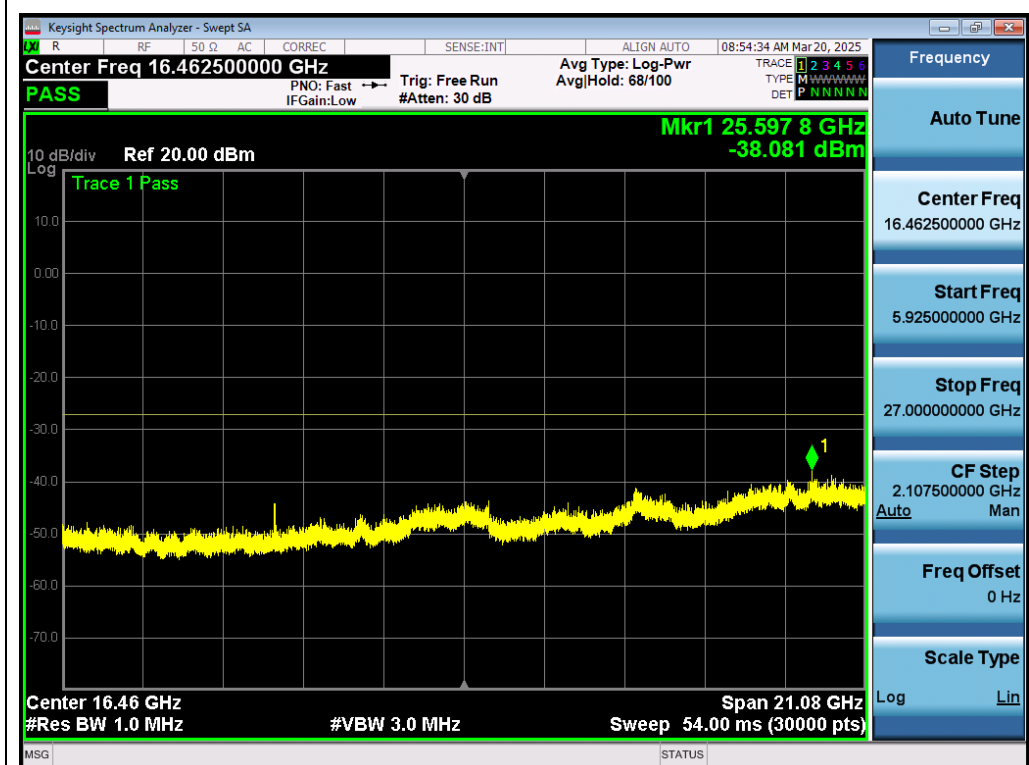
Test_Graph_802.11a_ANT1_5745_6Mbps_Frequency Band1



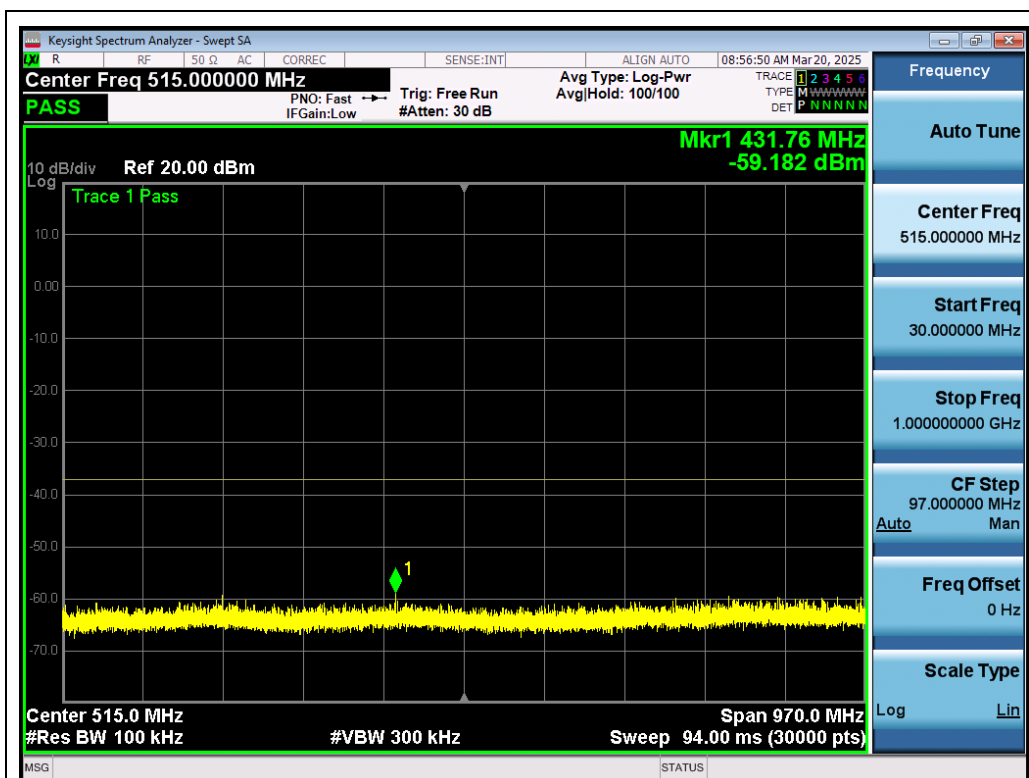
Test_Graph_802.11a_ANT1_5745_6Mbps_Frequency Band2



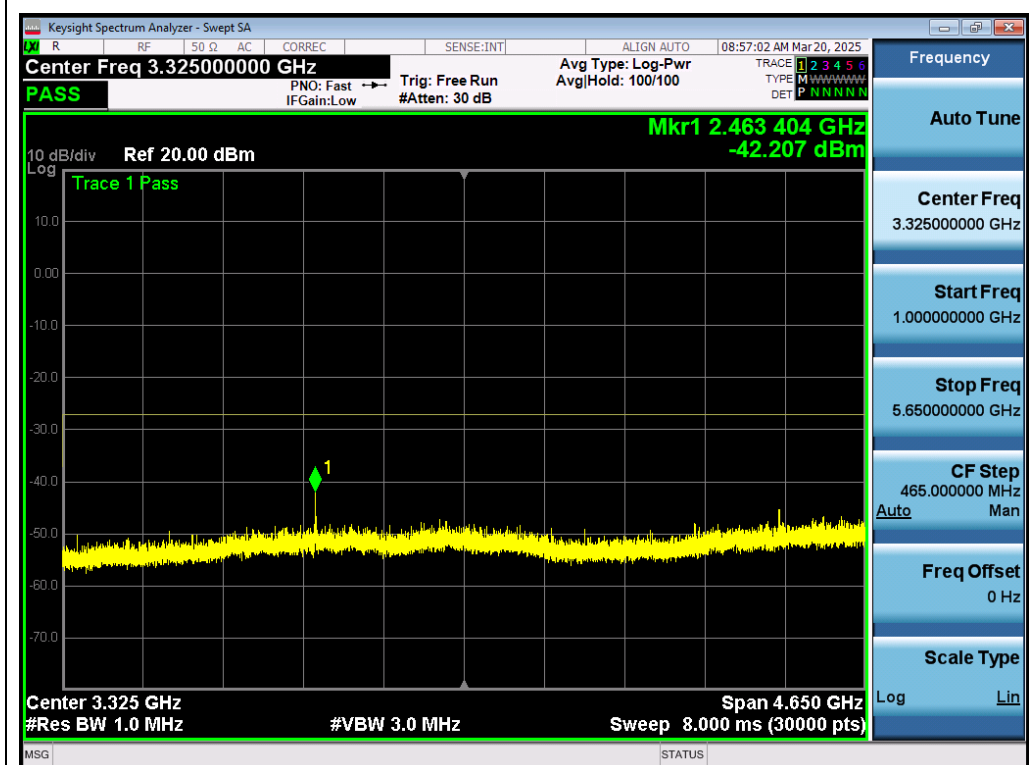
Test_Graph_802.11a_ANT1_5745_6Mbps_Frequency Band3



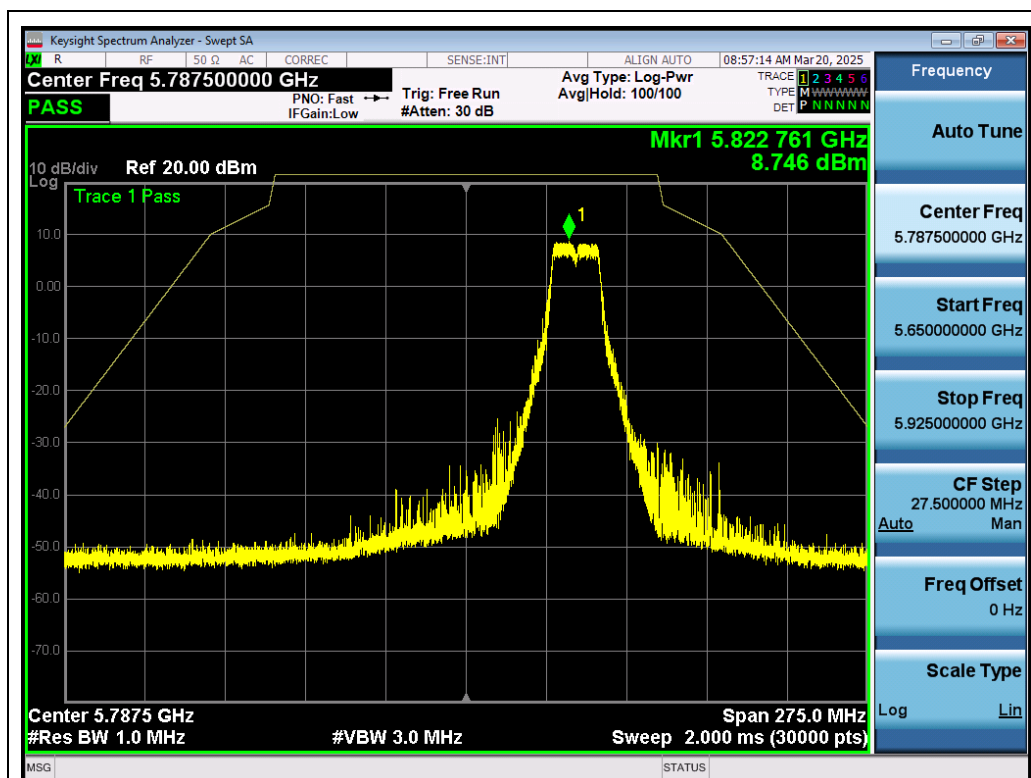
Test_Graph_802.11a_ANT1_5745_6Mbps_Frequency Band4



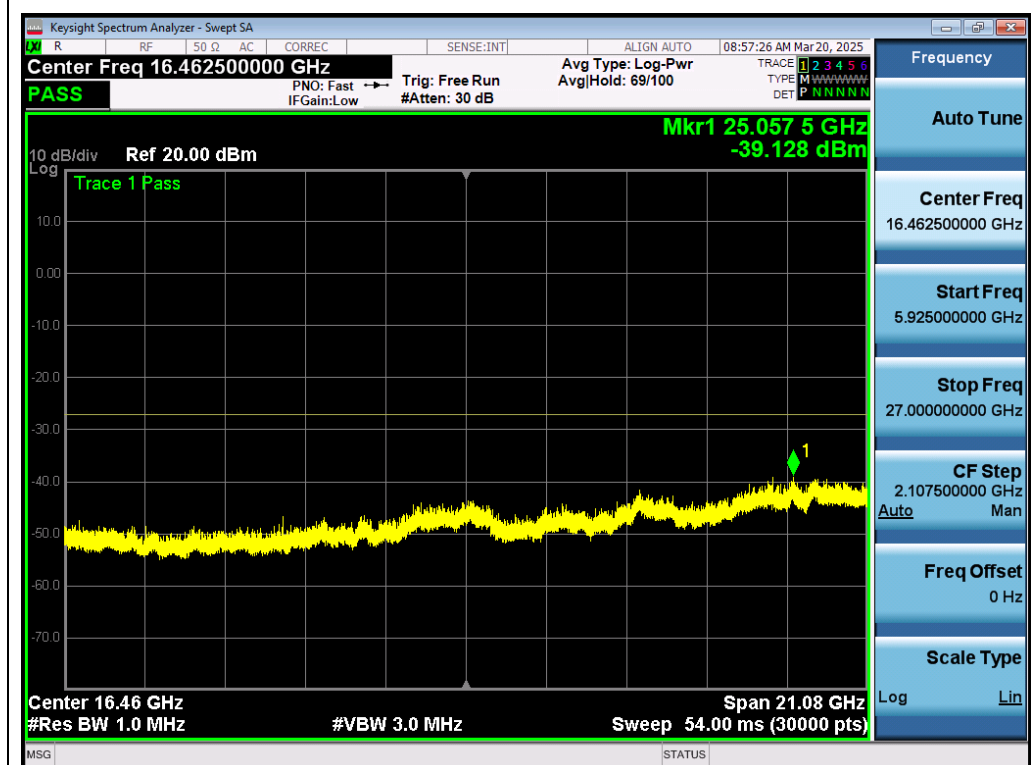
Test_Graph_802.11a_ANT1_5825_6Mbps_Frequency Band1



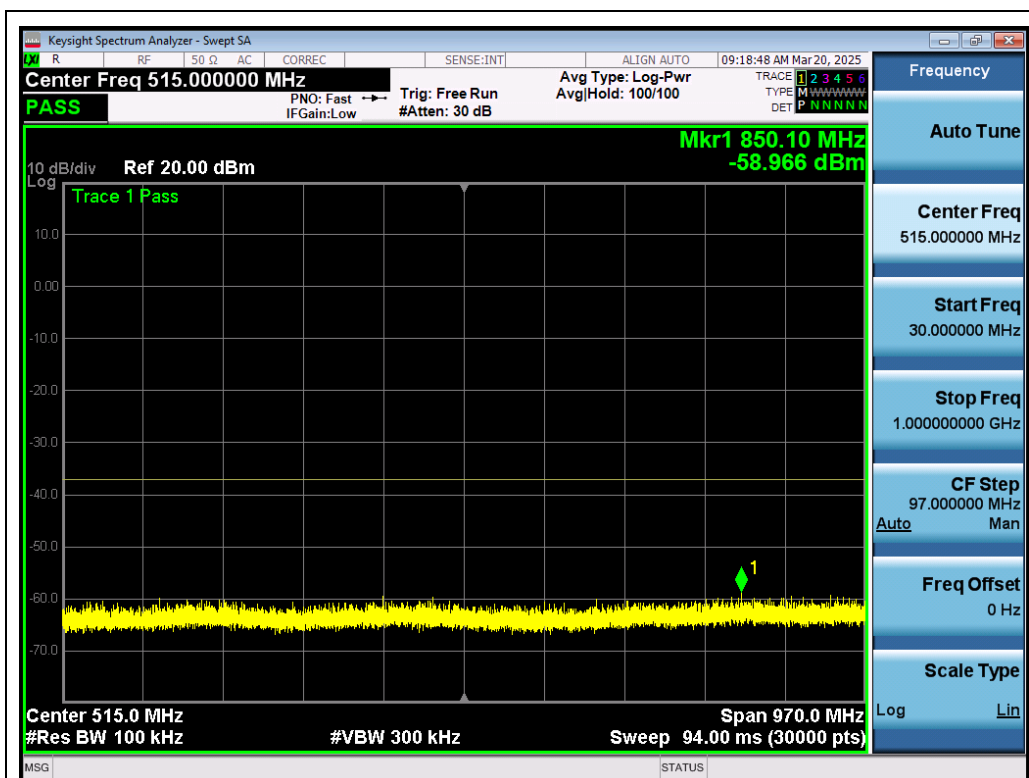
Test_Graph_802.11a_ANT1_5825_6Mbps_Frequency Band2



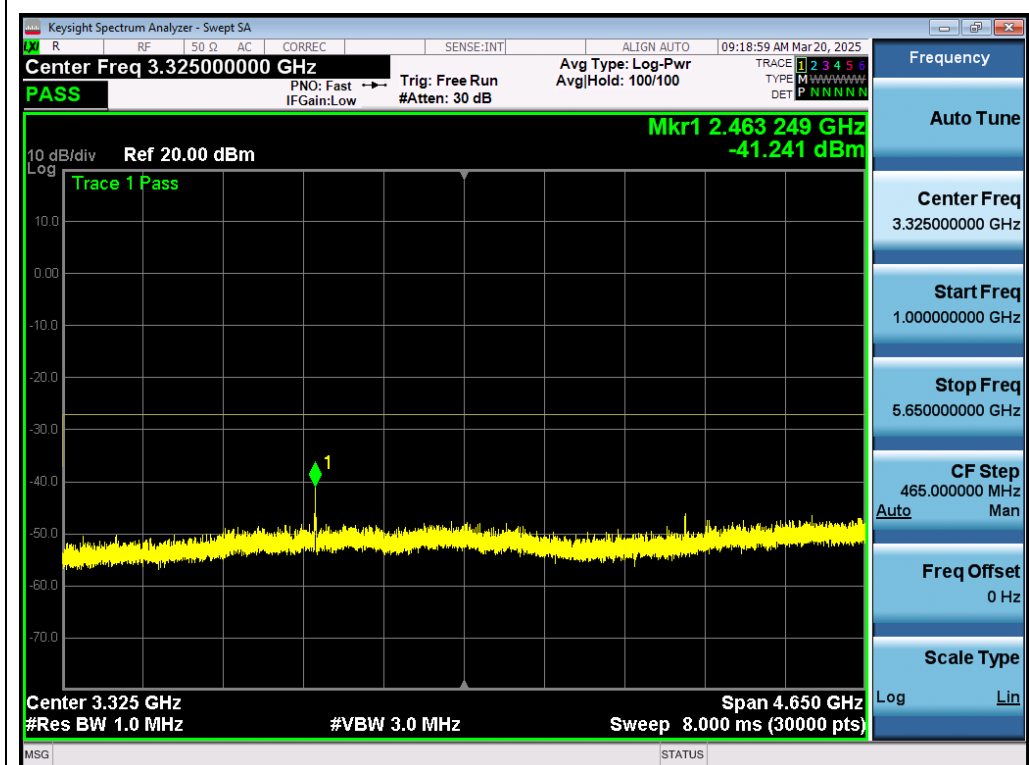
Test_Graph_802.11a_ANT1_5825_6Mbps_Frequency Band3



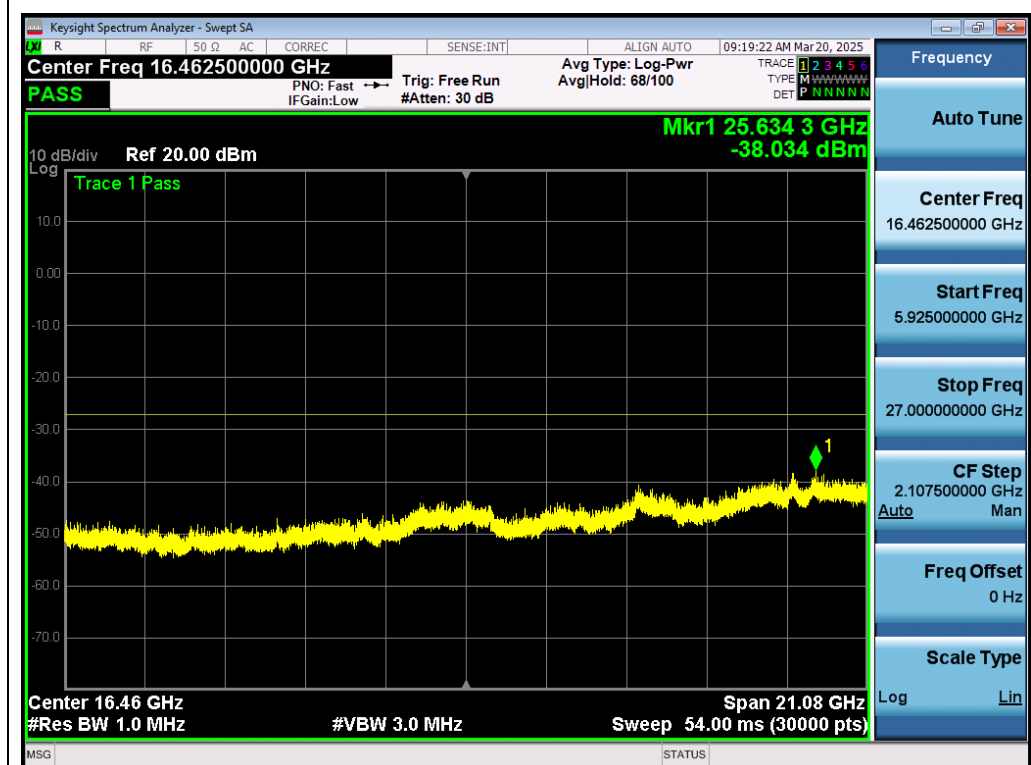
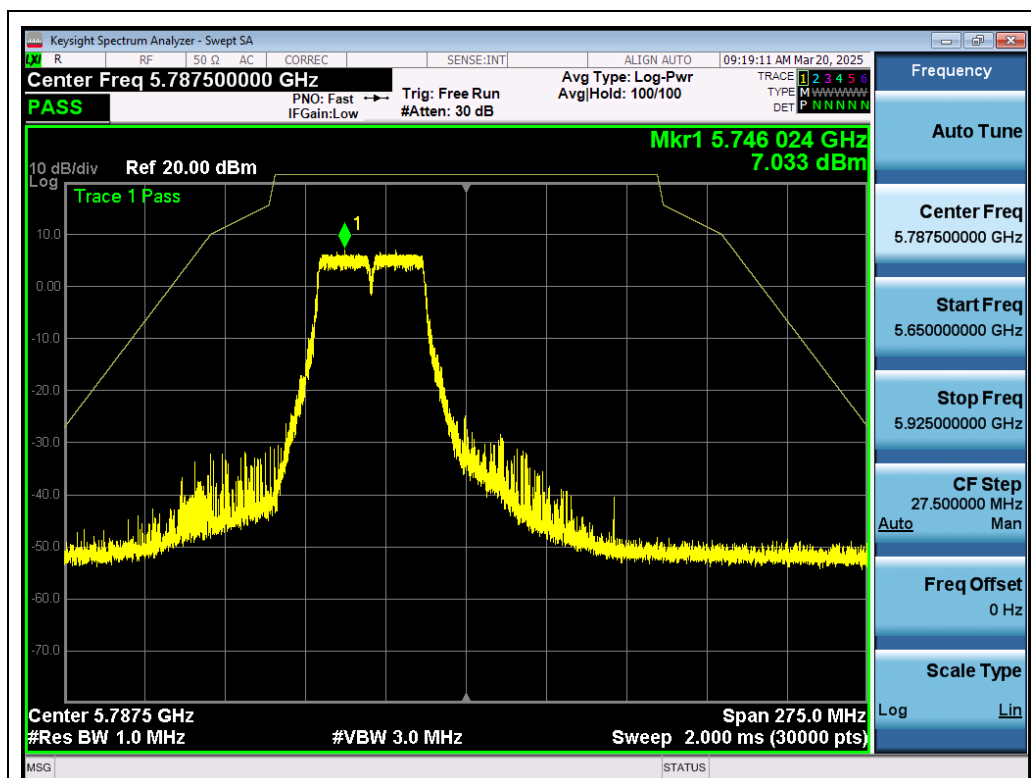
Test_Graph_802.11a_ANT1_5825_6Mbps_Frequency Band4

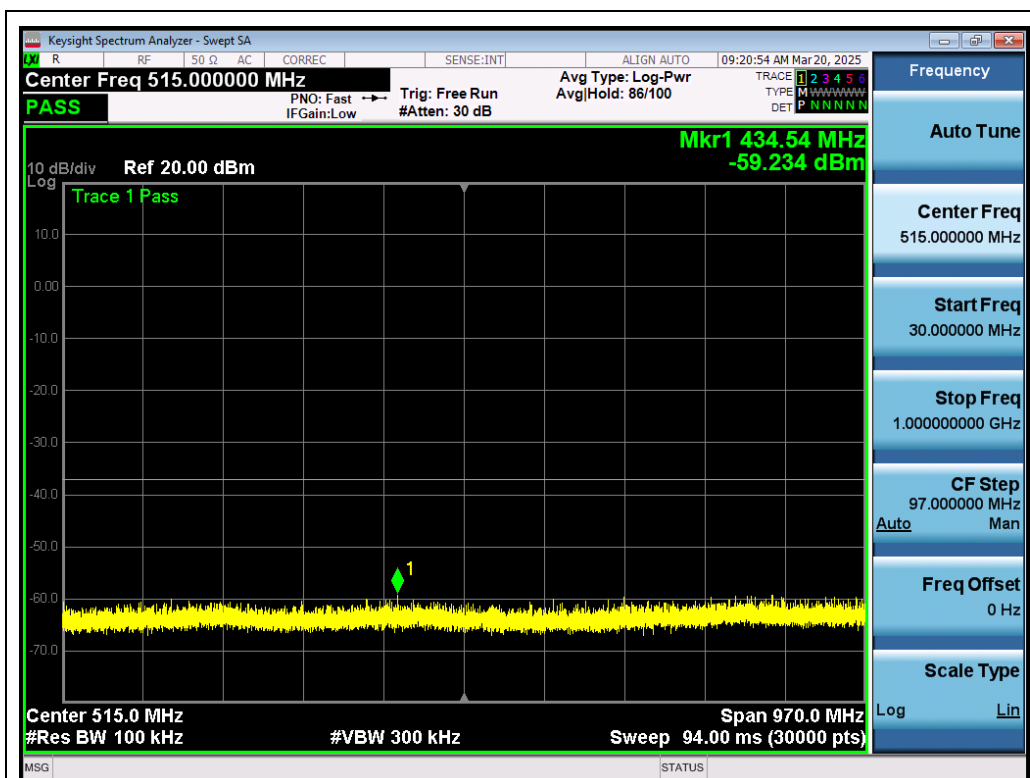


Test_Graph_802.11n40_ANT1_5755_MCS0_Frequency Band1

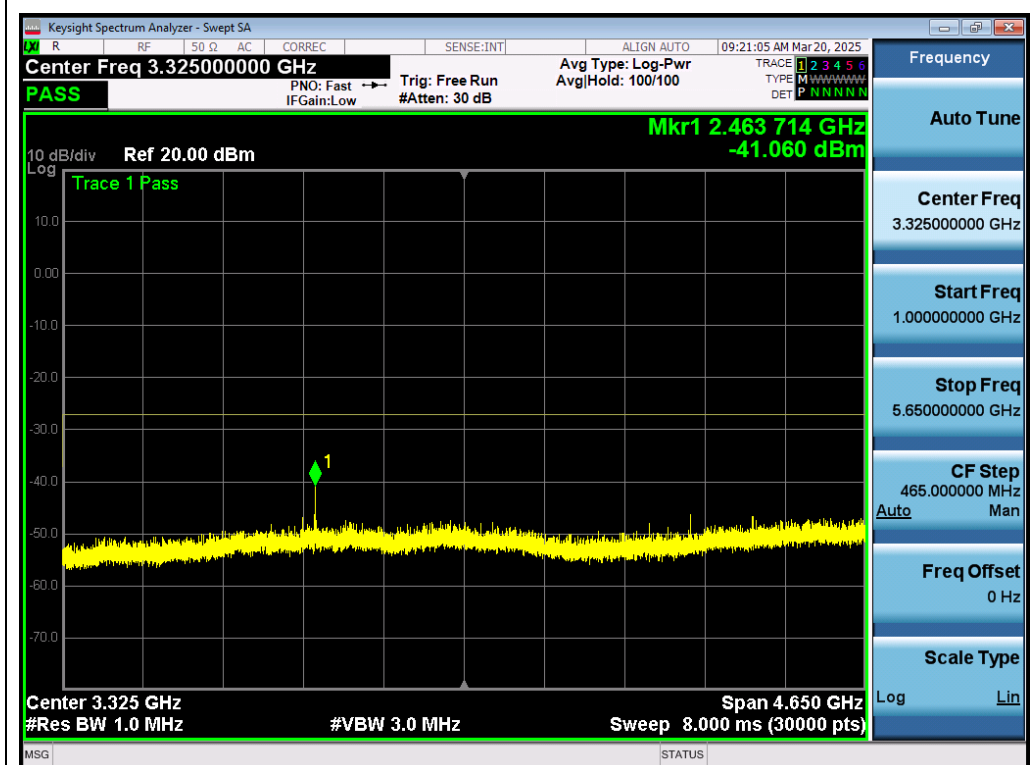


Test_Graph_802.11n40_ANT1_5755_MCS0_Frequency Band2

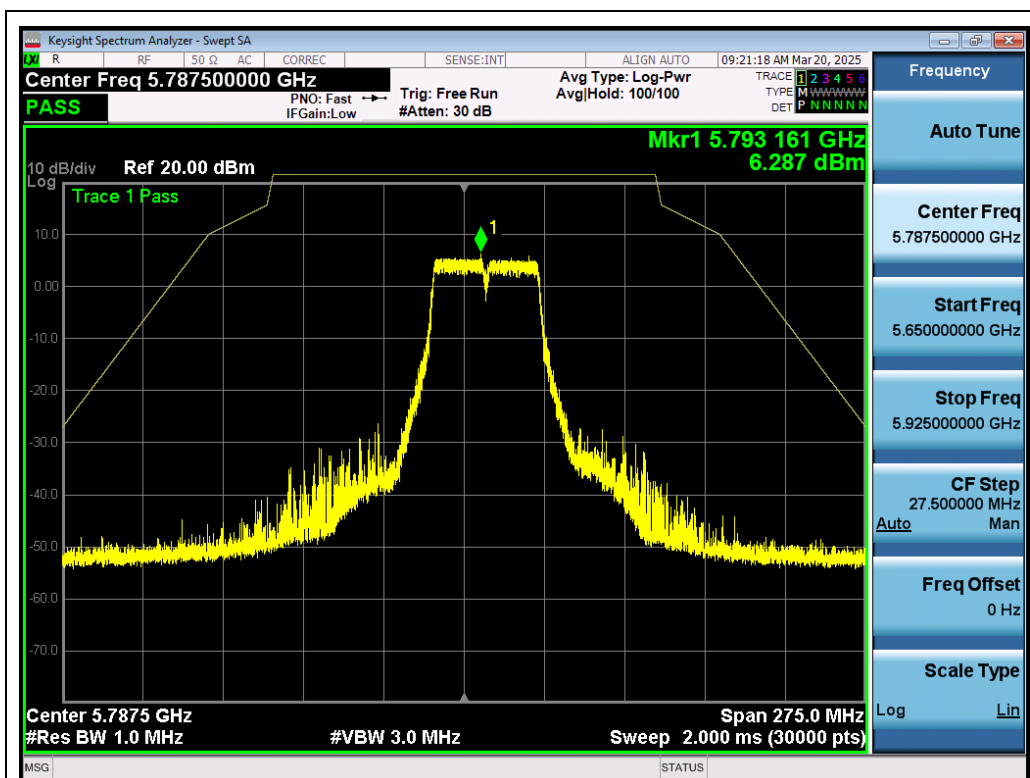




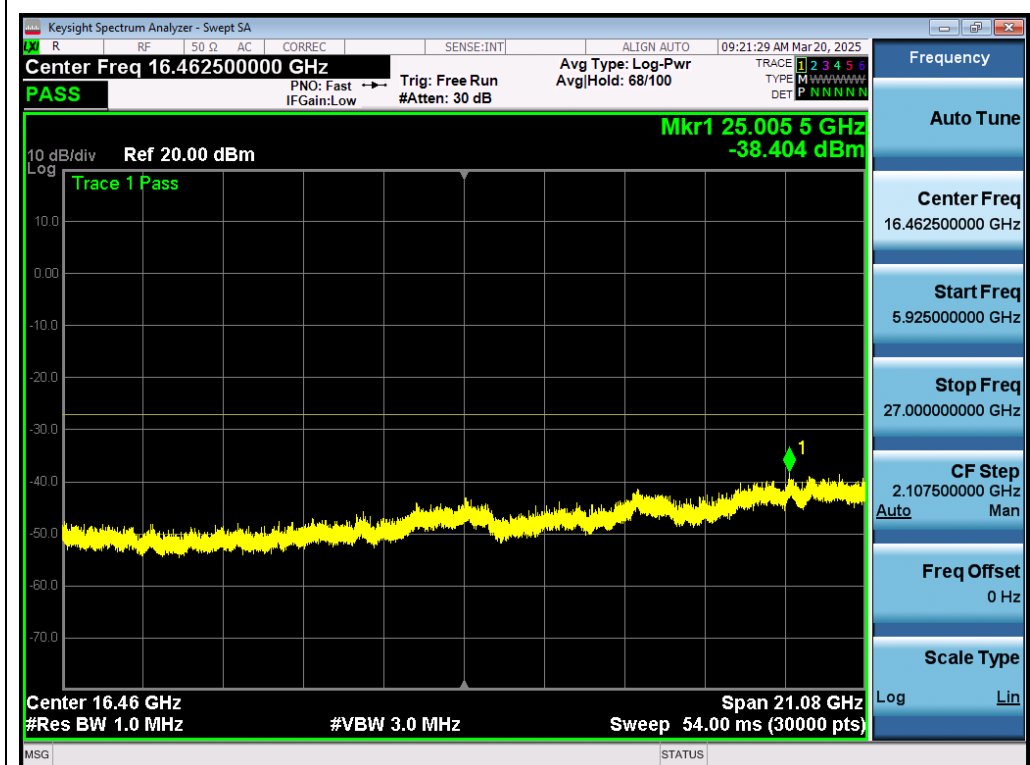
Test_Graph_802.11n40_ANT1_5795_MCS0_Frequency Band1



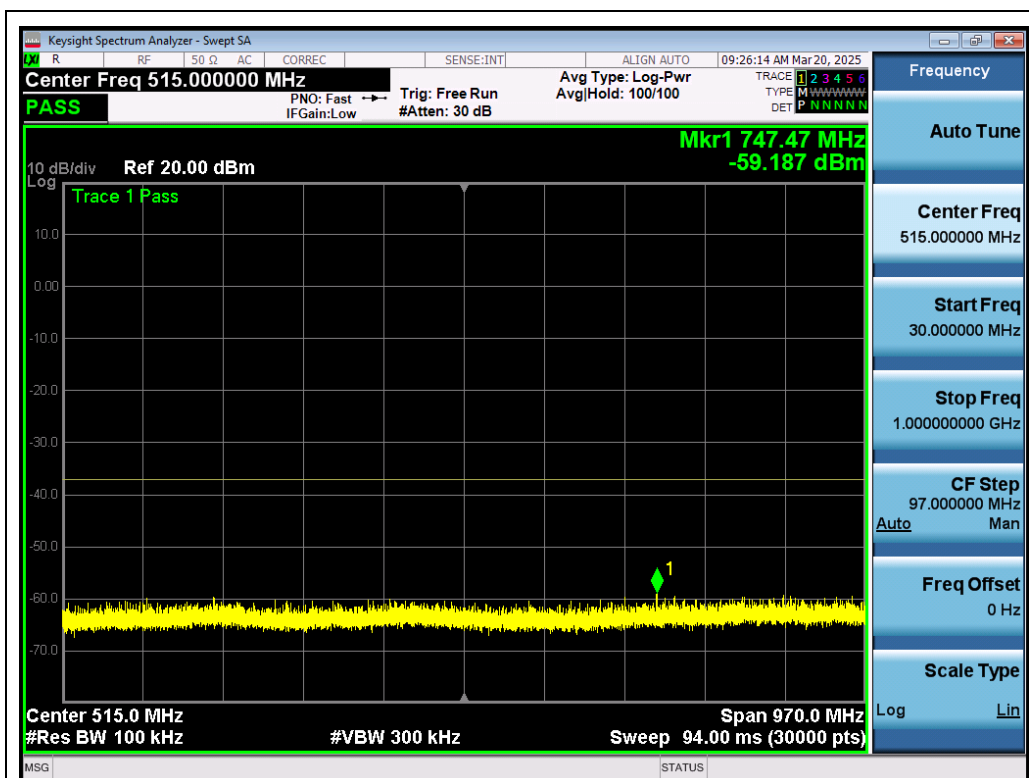
Test_Graph_802.11n40_ANT1_5795_MCS0_Frequency Band2



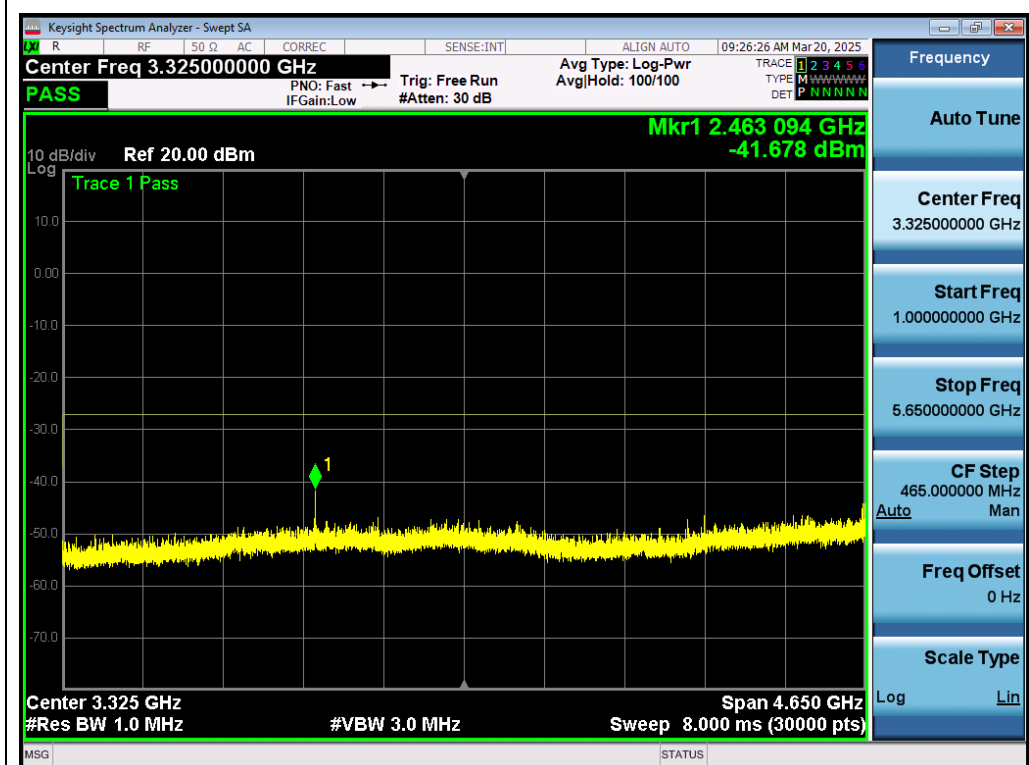
Test_Graph_802.11n40_ANT1_5795_MCS0_Frequency Band3



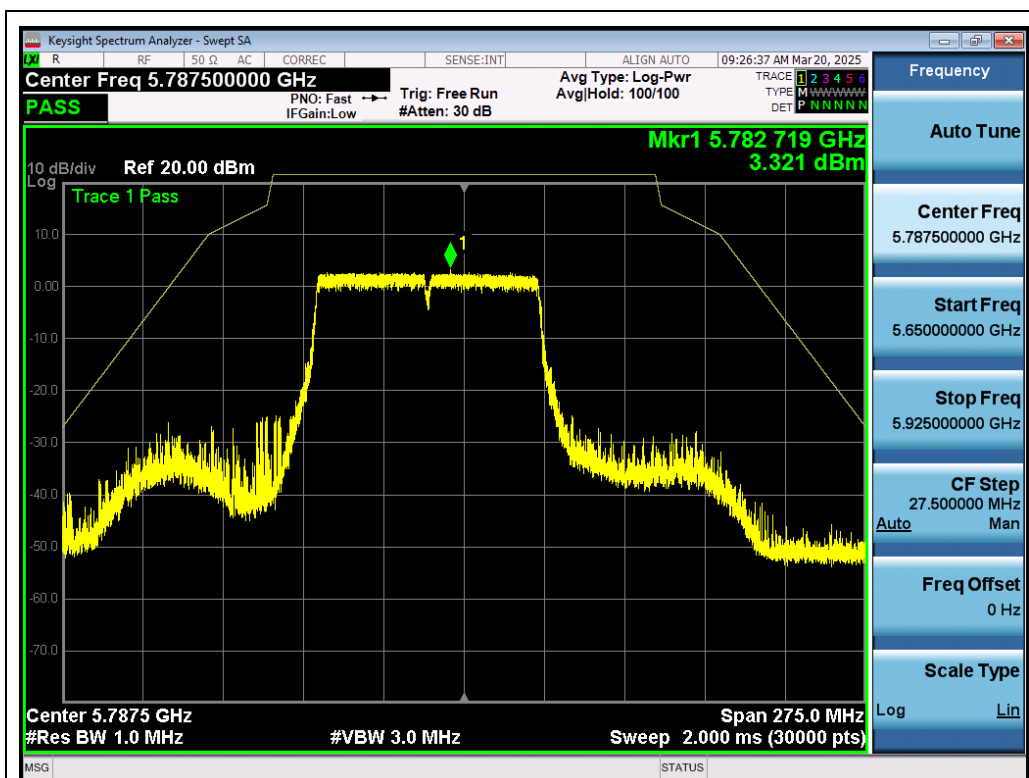
Test_Graph_802.11n40_ANT1_5795_MCS0_Frequency Band4



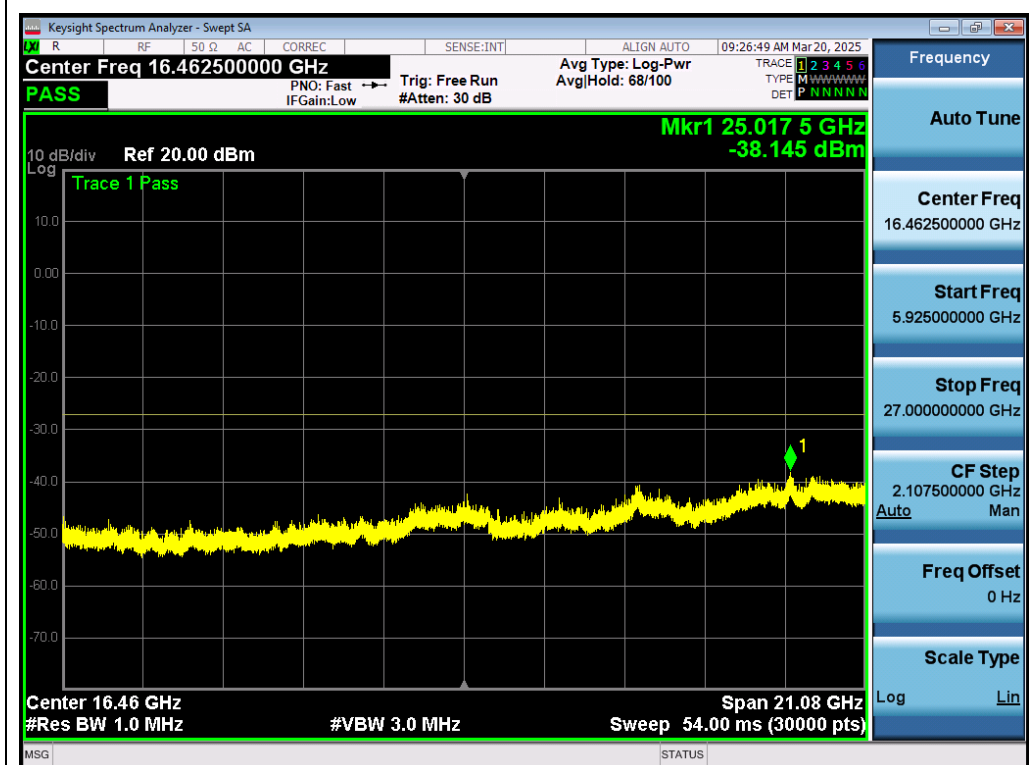
Test_Graph_802.11ac80_ANT1_5775_MCS0_Frequency Band1



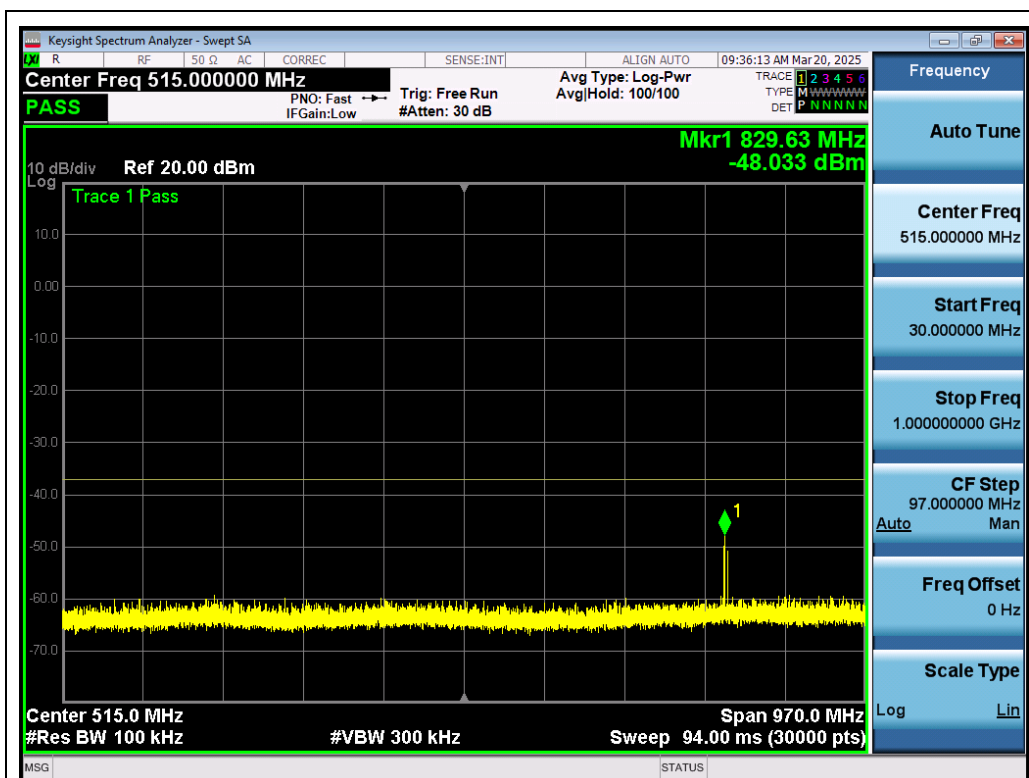
Test_Graph_802.11ac80_ANT1_5775_MCS0_Frequency Band2



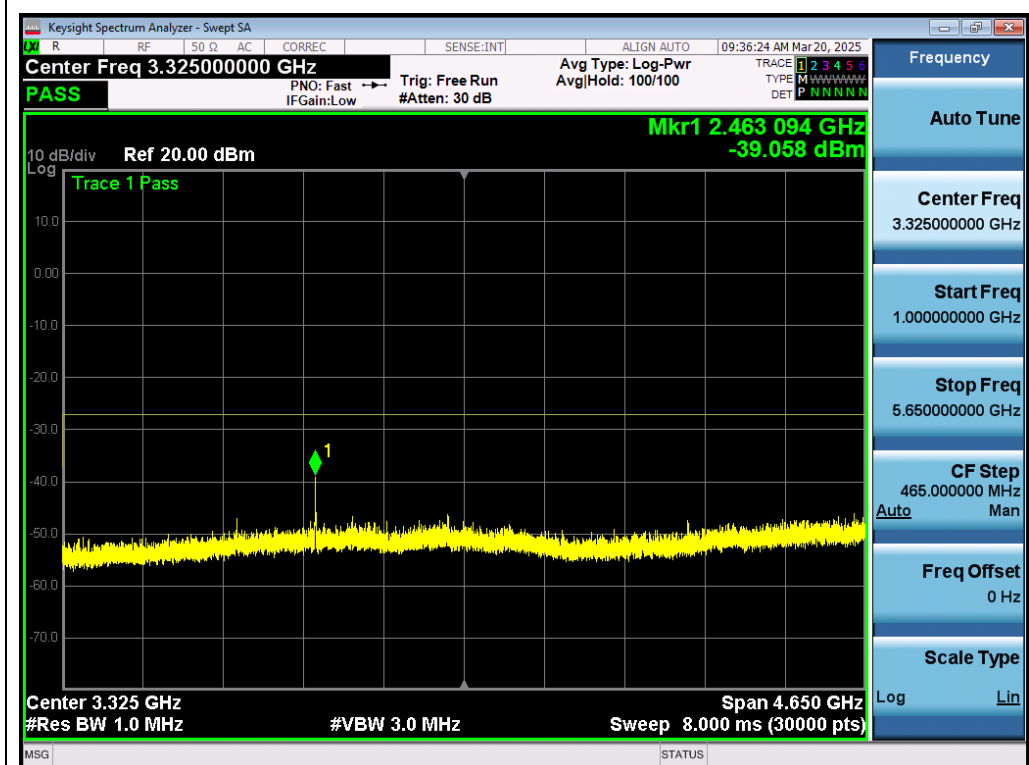
Test_Graph_802.11ac80_ANT1_5775_MCS0_Frequency Band3



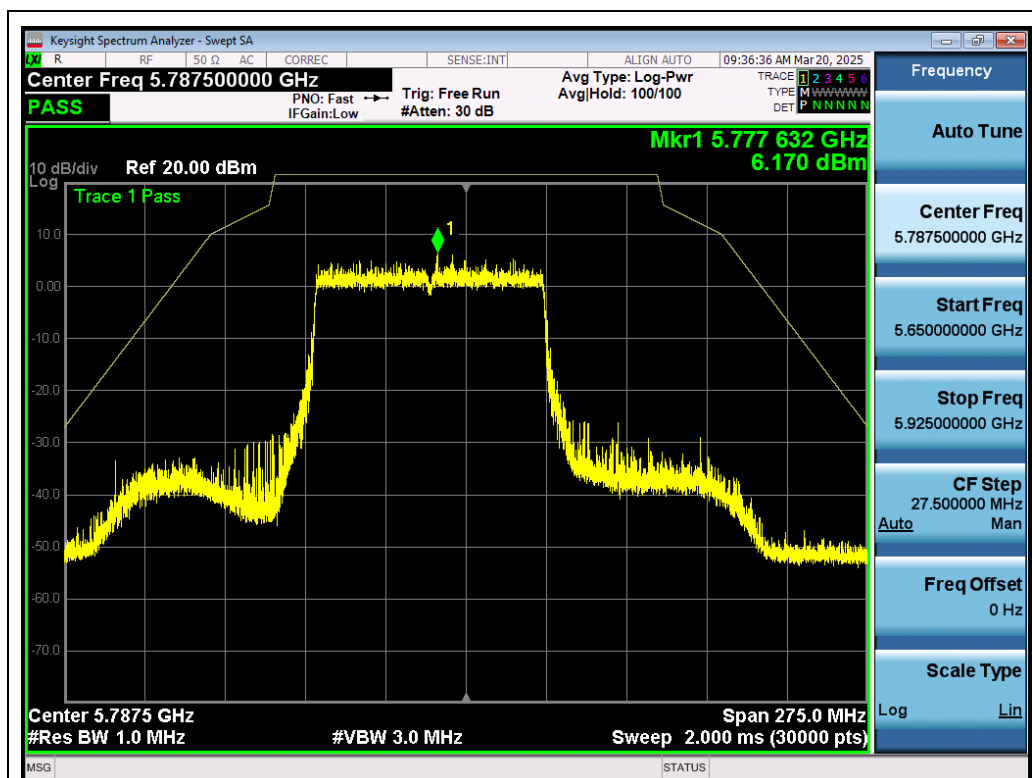
Test_Graph_802.11ac80_ANT1_5775_MCS0_Frequency Band4



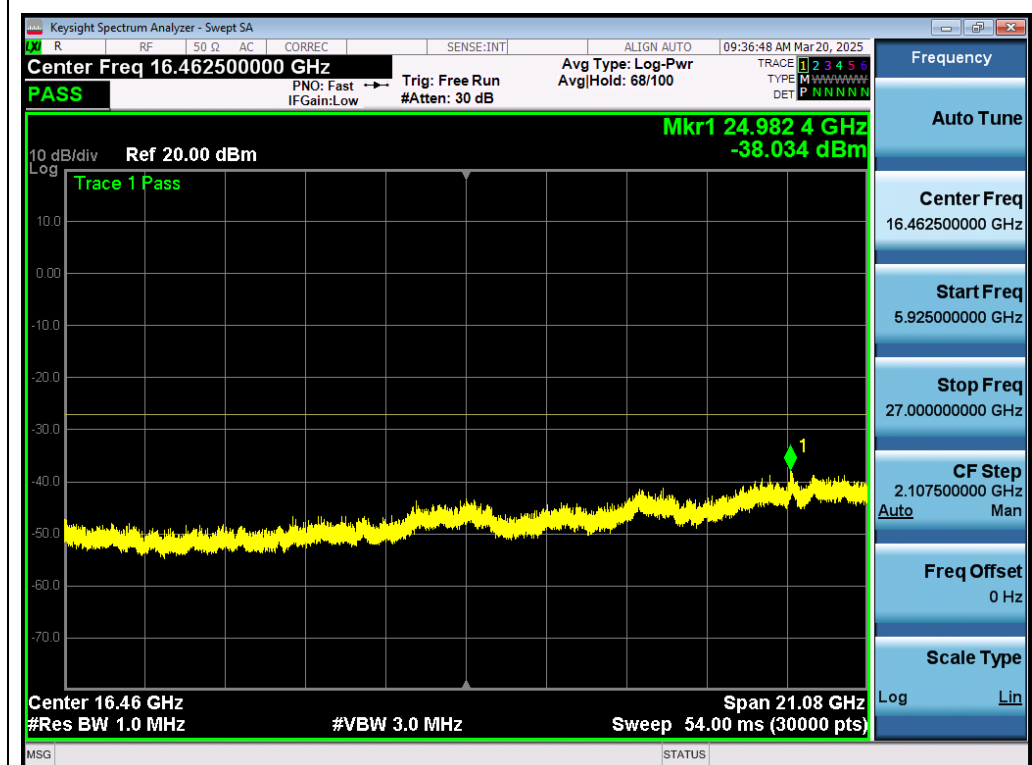
Test_Graph_802.11ax80_ANT1_5775_MCS0_Frequency Band1



Test_Graph_802.11ax80_ANT1_5775_MCS0_Frequency Band2



Test_Graph_802.11ax80_ANT1_5775_MCS0_Frequency Band3



Test_Graph_802.11ax80_ANT1_5775_MCS0_Frequency Band4

Note: We pre-tested the 30MHz-40GHz frequency band and found that the test data from 27GHz-40GHz was very low (close to the noise of the spectrum analyzer). The test report finally only showed the data from 30MHz-27GHz.

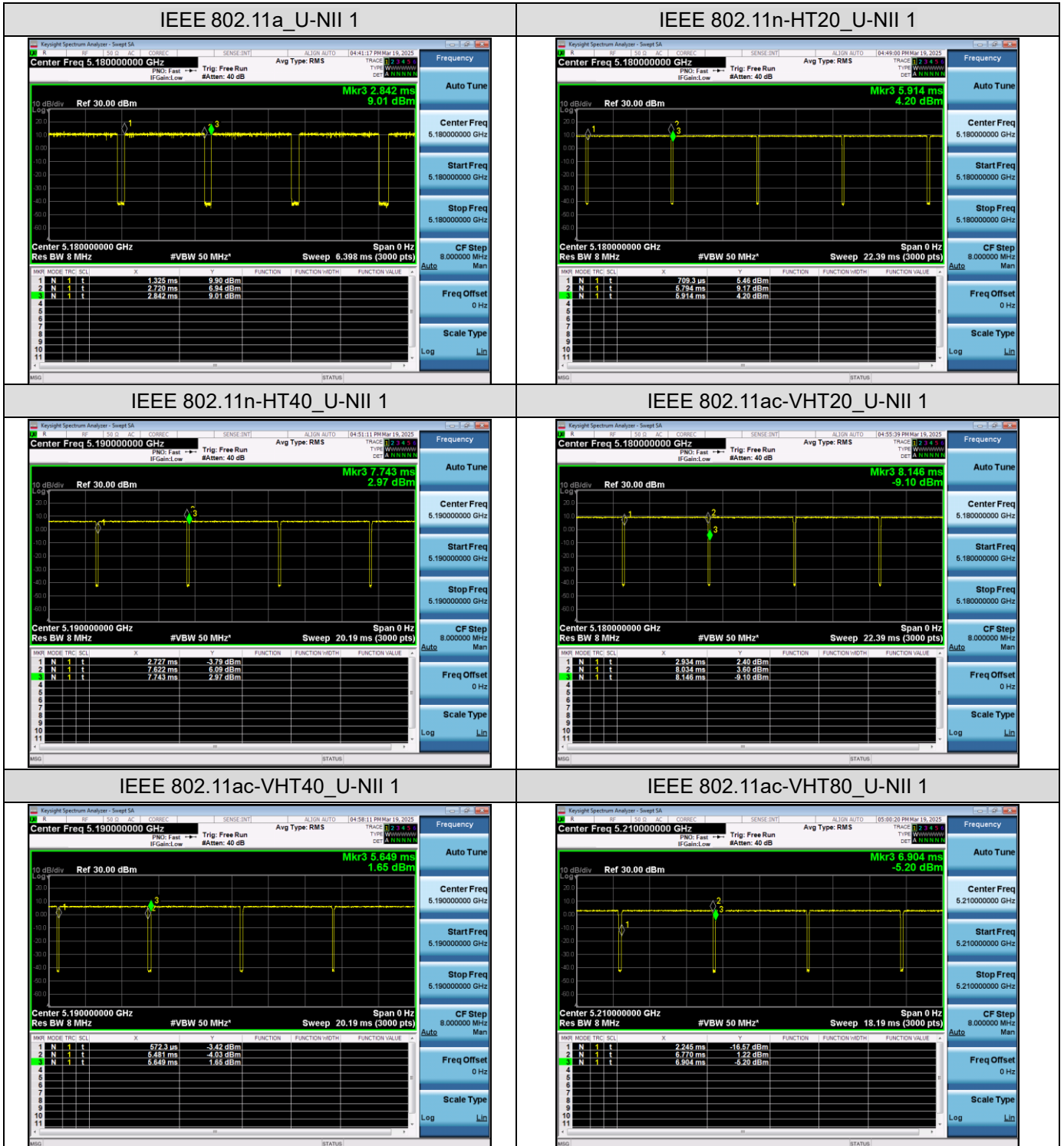
Appendix E: Duty Cycle

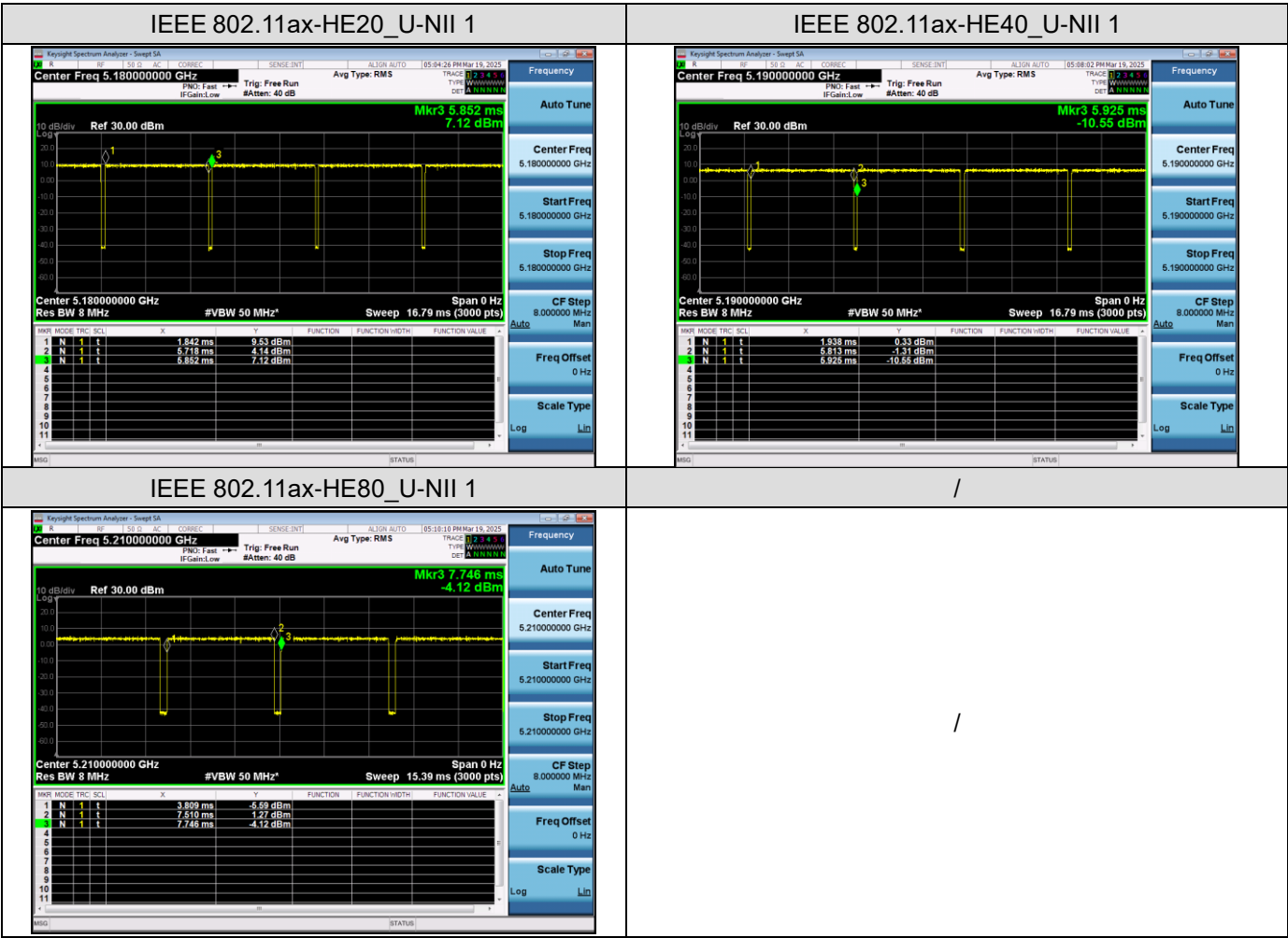
Test Result

Test Mode	Data rates (Mbps)	Duty Cycle (%)	Duty Cycle Factor (dB)
Band U-NII1:5150MHz-5250MHz			
802.11a	6	91.96	0.36
802.11n_HT20	MCS0	97.69	0.10
802.11n_HT40	MCS0	97.59	0.11
802.11ac_VHT20	MCS0	97.85	0.09
802.11ac_VHT40	MCS0	96.69	0.15
802.11ac_VHT80	MCS0	97.12	0.13
802.11ax_HE20	MCS0	96.66	0.15
802.11ax_HE40	MCS0	99.70	0.01
802.11ax_HE80	MCS0	94.01	0.27
Band U-NII 2A:5250MHz-5350MHz			
802.11a	6	92.20	0.35
802.11n_HT20	MCS0	97.79	0.10
802.11n_HT40	MCS0	96.55	0.15
802.11ac_VHT20	MCS0	96.55	0.15
802.11ac_VHT40	MCS0	97.57	0.11
802.11ac_VHT80	MCS0	97.37	0.12
802.11ax_HE20	MCS0	95.59	0.20
802.11ax_HE40	MCS0	97.02	0.13
802.11ax_HE80	MCS0	96.28	0.16

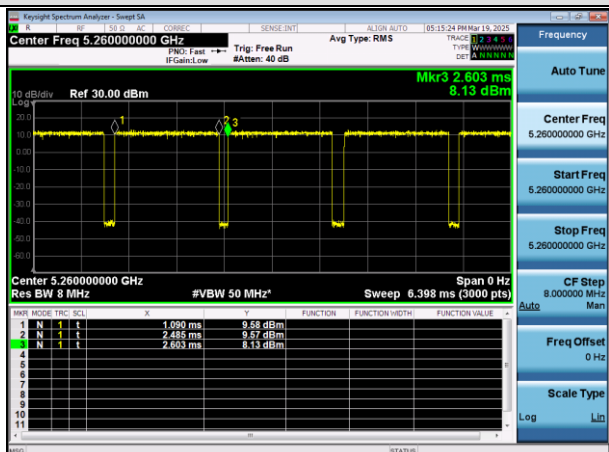
Test Mode	Data rates (Mbps)	Duty Cycle (%)	Duty Cycle Factor (dB)
Band U-NII 2C:5470MHz-5725MHz			
802.11a	6	88.85	0.51
802.11n_HT20	MCS0	97.41	0.11
802.11n_HT40	MCS0	97.57	0.11
802.11ac_VHT20	MCS0	97.72	0.10
802.11ac_VHT40	MCS0	97.59	0.11
802.11ac_VHT80	MCS0	97.12	0.13
802.11ax_HE20	MCS0	97.05	0.13
802.11ax_HE40	MCS0	97.17	0.12
802.11ax_HE80	MCS0	95.61	0.19
Band U-NII 3:5725MHz-5825MHz			
802.11a	6	91.49	0.39
802.11n_HT20	MCS0	96.68	0.15
802.11n_HT40	MCS0	96.93	0.14
802.11ac_VHT20	MCS0	96.48	0.16
802.11ac_VHT40	MCS0	97.32	0.12
802.11ac_VHT80	MCS0	97.12	0.13
802.11ax_HE20	MCS0	97.05	0.13
802.11ax_HE40	MCS0	97.04	0.13
802.11ax_HE80	MCS0	96.78	0.14

Test Graphs

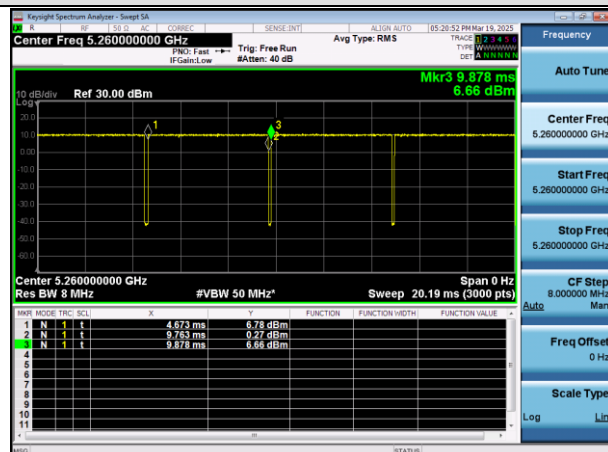




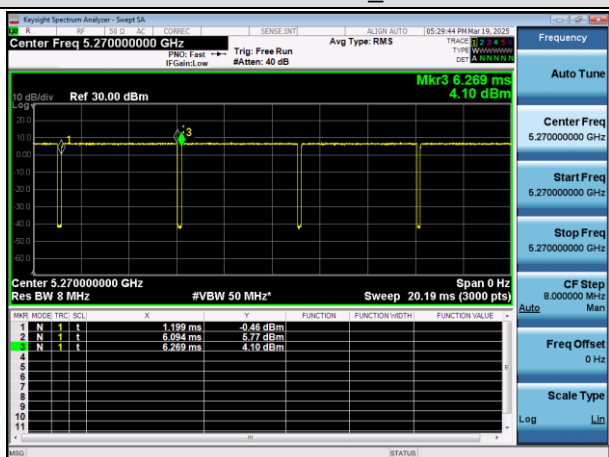
IEEE 802.11a_U-NII 2A



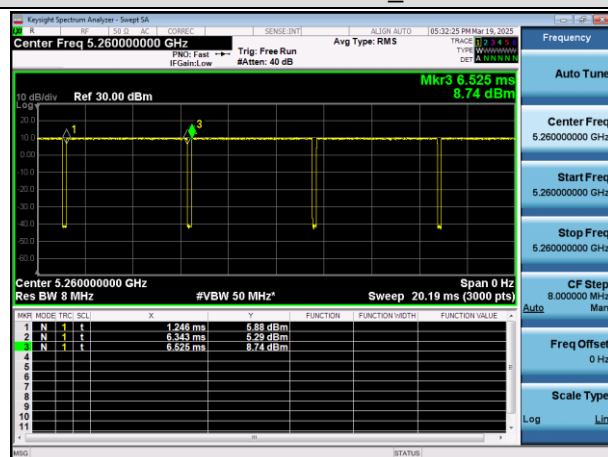
IEEE 802.11n-HT20_U-NII 2A



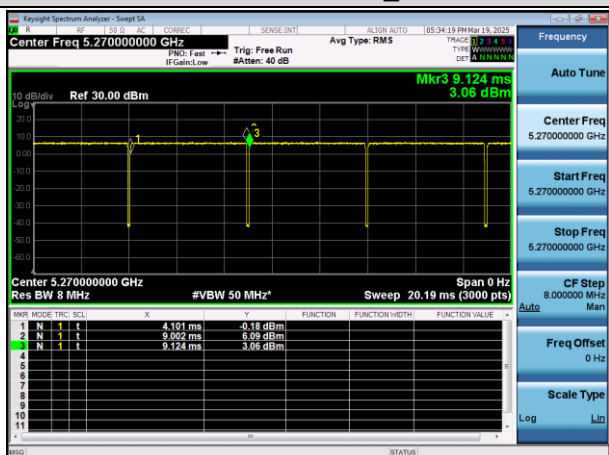
IEEE 802.11n-HT40_U-NII 2A



IEEE 802.11ac-VHT20_U-NII 2A



IEEE 802.11ac-VHT40_U-NII 2A



IEEE 802.11ac-VHT80_U-NII 2A

