

AppendixC: Maximum conducted output power

Test Result

Test Mode	Ant.	Fre. [MHz]	Rate	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	6Mbps	9.98	92.67	0.33	10.31	≤23.98	PASS
11A	Ant1	5200	6Mbps	10.30	92.67	0.33	10.63	≤23.98	PASS
11A	Ant1	5240	6Mbps	10.39	92.67	0.33	10.72	≤23.98	PASS
11A	Ant1	5745	6Mbps	8.45	92.67	0.33	8.78	≤30.00	PASS
11A	Ant1	5785	6Mbps	8.71	93.29	0.30	9.01	≤30.00	PASS
11A	Ant1	5825	6Mbps	8.86	92.67	0.33	9.19	≤30.00	PASS
11N20SISO	Ant1	5180	MCS0	9.62	92.91	0.32	9.94	≤23.98	PASS
11N20SISO	Ant1	5200	MCS0	9.93	92.91	0.32	10.25	≤23.98	PASS
11N20SISO	Ant1	5240	MCS0	10.09	92.91	0.32	10.41	≤23.98	PASS
11N20SISO	Ant1	5745	MCS0	7.90	92.91	0.32	8.22	≤30.00	PASS
11N20SISO	Ant1	5785	MCS0	8.27	92.91	0.32	8.59	≤30.00	PASS
11N20SISO	Ant1	5825	MCS0	8.53	92.91	0.32	8.85	≤30.00	PASS
11N40SISO	Ant1	5190	MCS0	10.55	95.92	0.18	10.73	≤23.98	PASS
11N40SISO	Ant1	5230	MCS0	10.44	95.92	0.18	10.62	≤23.98	PASS
11N40SISO	Ant1	5755	MCS0	8.56	95.92	0.18	8.74	≤30.00	PASS
11N40SISO	Ant1	5795	MCS0	8.87	95.92	0.18	9.05	≤30.00	PASS
11AC20SISO	Ant1	5180	MCS0	9.95	98.83	0.05	10.00	≤23.98	PASS
11AC20SISO	Ant1	5200	MCS0	10.04	99.22	0.03	10.07	≤23.98	PASS
11AC20SISO	Ant1	5240	MCS0	10.37	99.22	0.03	10.40	≤23.98	PASS
11AC20SISO	Ant1	5745	MCS0	8.19	99.22	0.03	8.22	≤30.00	PASS
11AC20SISO	Ant1	5785	MCS0	8.52	99.22	0.03	8.55	≤30.00	PASS
11AC20SISO	Ant1	5825	MCS0	8.84	99.22	0.03	8.87	≤30.00	PASS
11AC40SISO	Ant1	5190	MCS0	10.54	96.90	0.14	10.68	≤23.98	PASS
11AC40SISO	Ant1	5230	MCS0	10.68	96.90	0.14	10.82	≤23.98	PASS
11AC40SISO	Ant1	5755	MCS0	8.66	98.43	0.07	8.73	≤30.00	PASS
11AC40SISO	Ant1	5795	MCS0	9.01	98.43	0.07	9.08	≤30.00	PASS
11AC80SISO	Ant1	5210	MCS0	10.56	96.77	0.14	10.70	≤23.98	PASS
11AC80SISO	Ant1	5775	MCS0	8.78	96.77	0.14	8.92	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

AppendixD: Maximum power spectral density

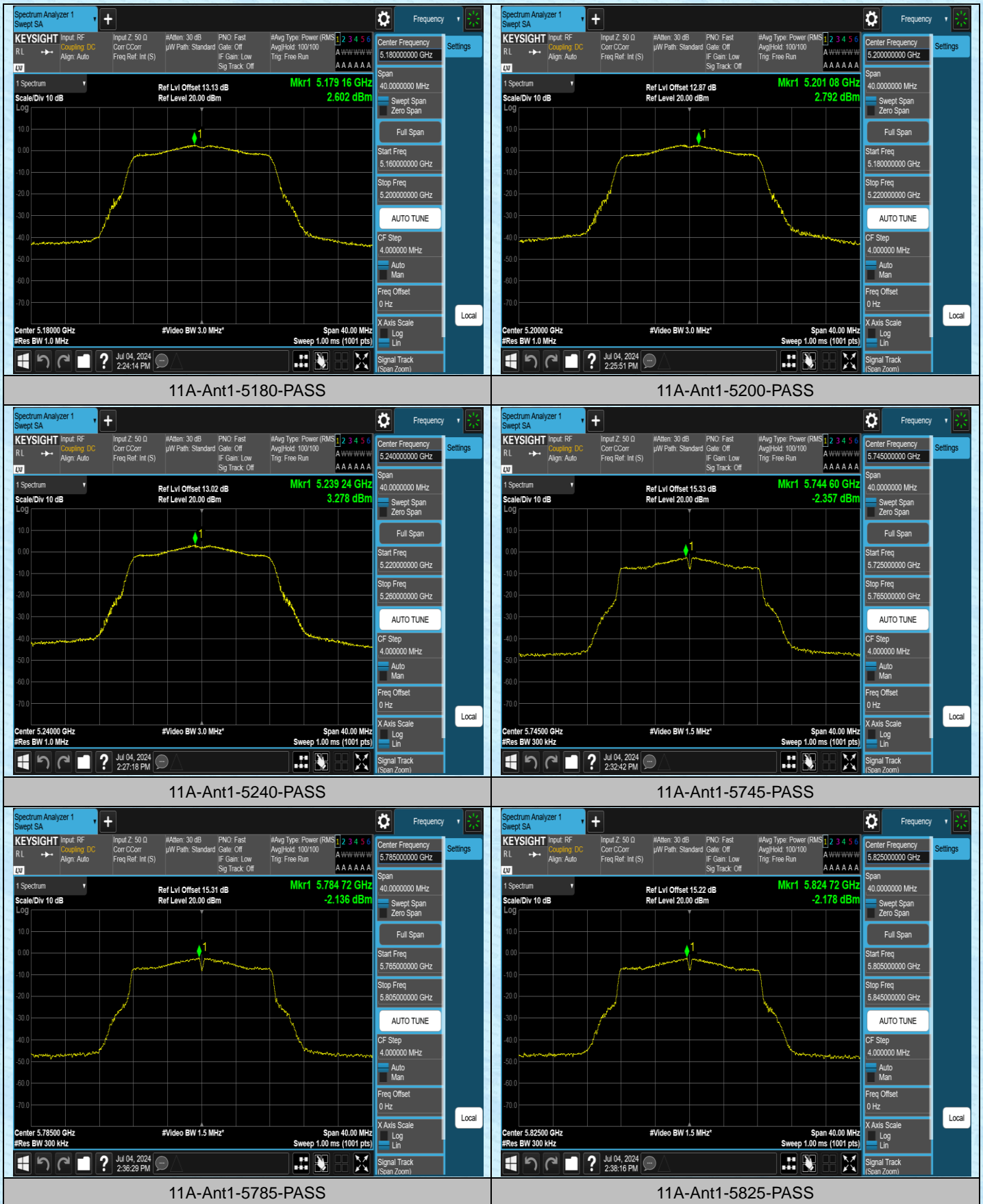
Test Result

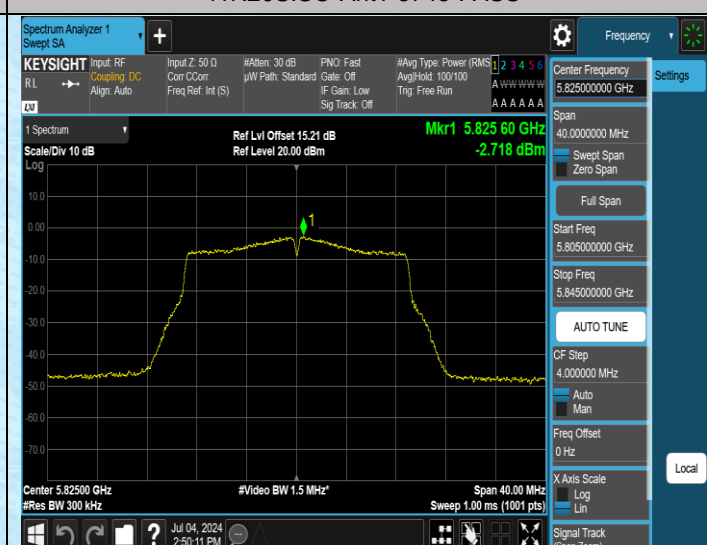
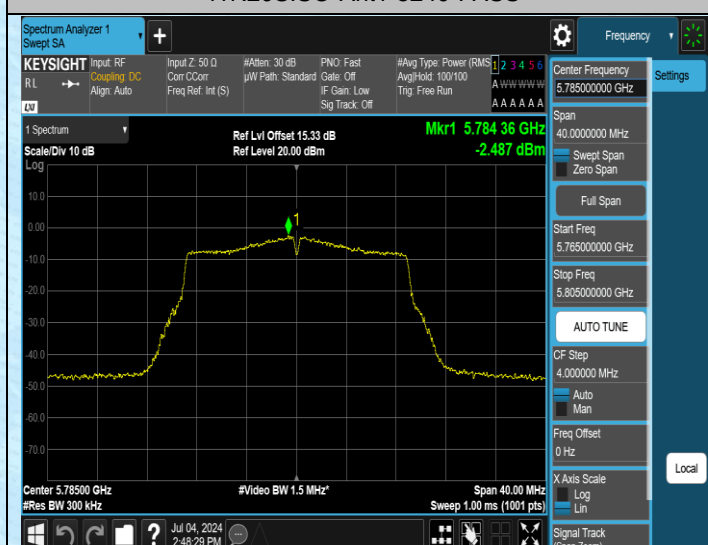
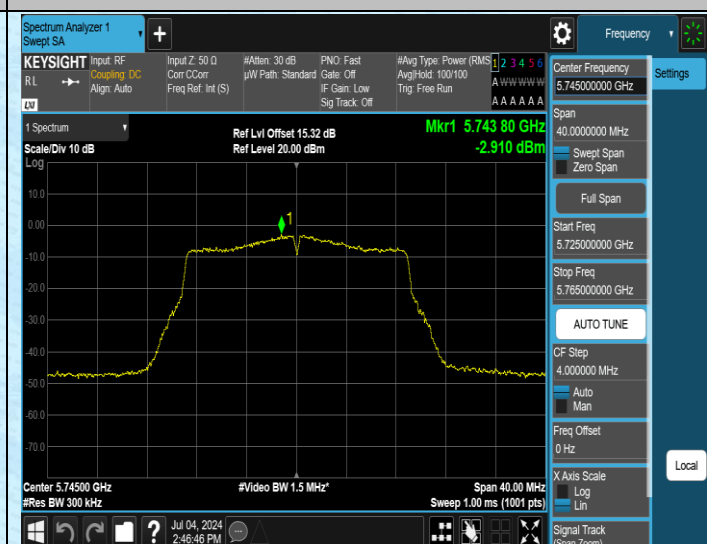
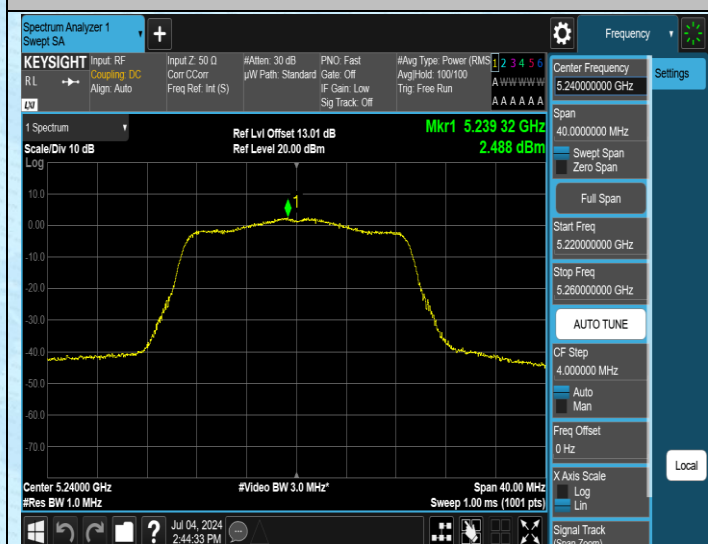
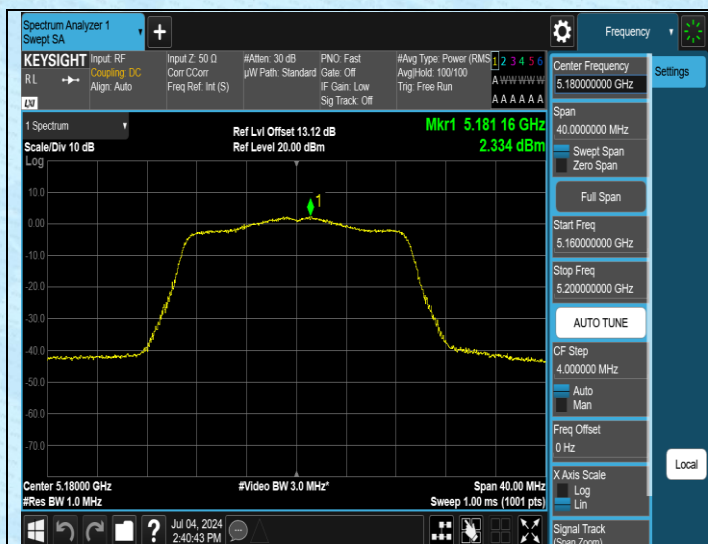
Test Mode	Antenna	Frequency[MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6Mbps	2.6	≤11.00	PASS
11A	Ant1	5200	6Mbps	2.79	≤11.00	PASS
11A	Ant1	5240	6Mbps	3.28	≤11.00	PASS
11A	Ant1	5745	6Mbps	-2.36	≤30.00	PASS
11A	Ant1	5785	6Mbps	-2.14	≤30.00	PASS
11A	Ant1	5825	6Mbps	-2.18	≤30.00	PASS
11N20SISO	Ant1	5180	MCS0	2.33	≤11.00	PASS
11N20SISO	Ant1	5200	MCS0	2.36	≤11.00	PASS
11N20SISO	Ant1	5240	MCS0	2.49	≤11.00	PASS
11N20SISO	Ant1	5745	MCS0	-2.91	≤30.00	PASS
11N20SISO	Ant1	5785	MCS0	-2.49	≤30.00	PASS
11N20SISO	Ant1	5825	MCS0	-2.72	≤30.00	PASS
11N40SISO	Ant1	5190	MCS0	-0.55	≤11.00	PASS
11N40SISO	Ant1	5230	MCS0	-0.86	≤11.00	PASS
11N40SISO	Ant1	5755	MCS0	-5.92	≤30.00	PASS
11N40SISO	Ant1	5795	MCS0	-5.95	≤30.00	PASS
11AC20SISO	Ant1	5180	MCS0	2.26	≤11.00	PASS
11AC20SISO	Ant1	5200	MCS0	2.53	≤11.00	PASS
11AC20SISO	Ant1	5240	MCS0	2.74	≤11.00	PASS
11AC20SISO	Ant1	5745	MCS0	-2.76	≤30.00	PASS
11AC20SISO	Ant1	5785	MCS0	-2.7	≤30.00	PASS
11AC20SISO	Ant1	5825	MCS0	-2.59	≤30.00	PASS
11AC40SISO	Ant1	5190	MCS0	-0.31	≤11.00	PASS
11AC40SISO	Ant1	5230	MCS0	-0.71	≤11.00	PASS
11AC40SISO	Ant1	5755	MCS0	-5.64	≤30.00	PASS
11AC40SISO	Ant1	5795	MCS0	-5.83	≤30.00	PASS
11AC80SISO	Ant1	5210	MCS0	-3.84	≤11.00	PASS
11AC80SISO	Ant1	5775	MCS0	-8.49	≤30.00	PASS

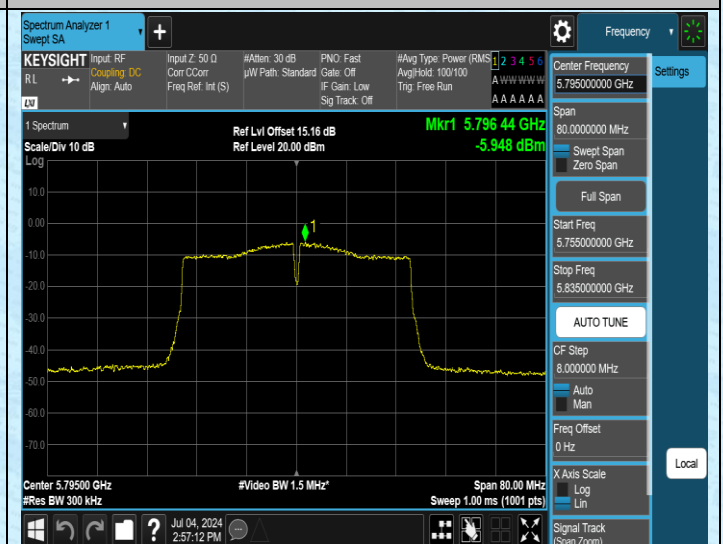
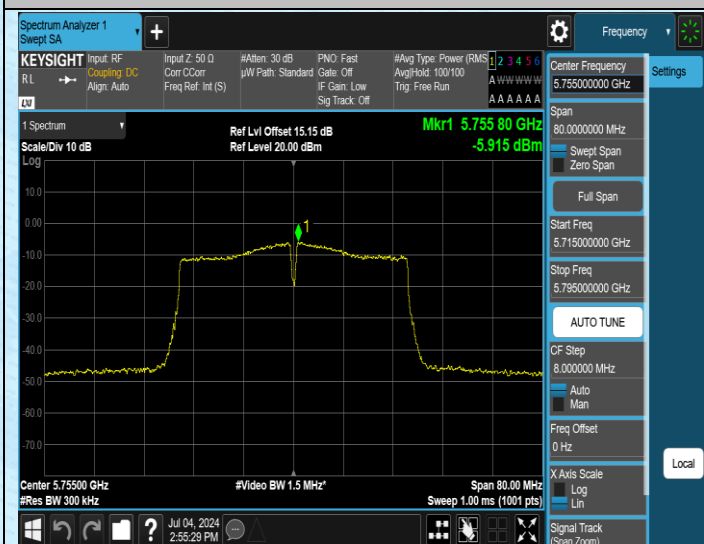
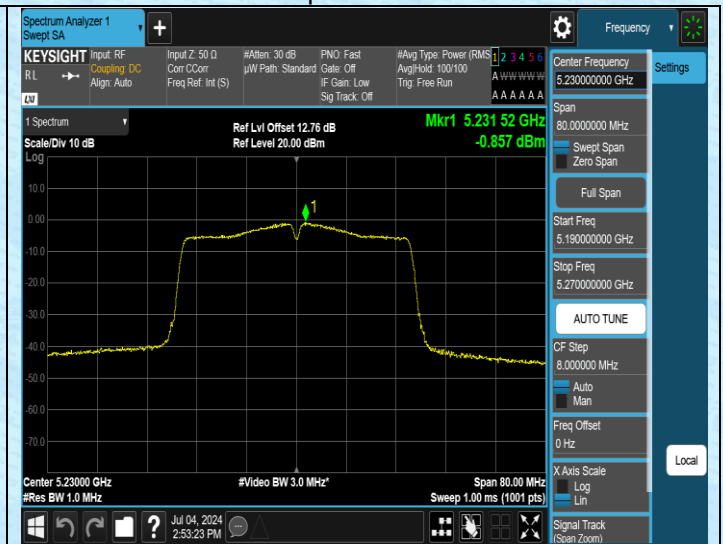
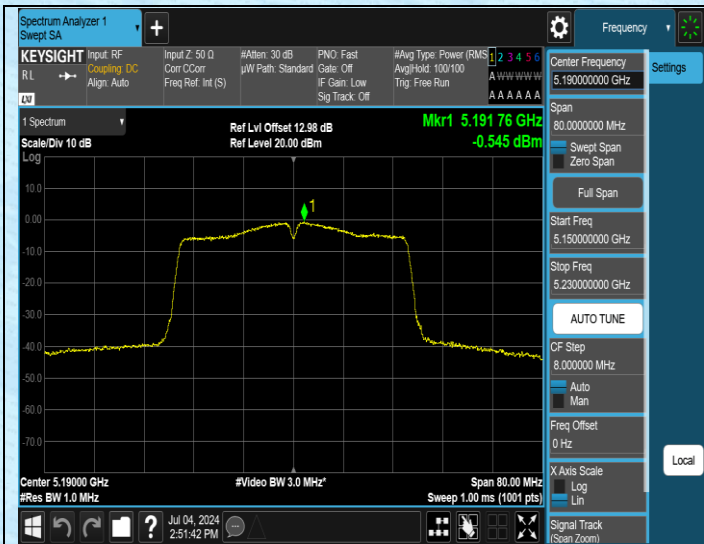
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

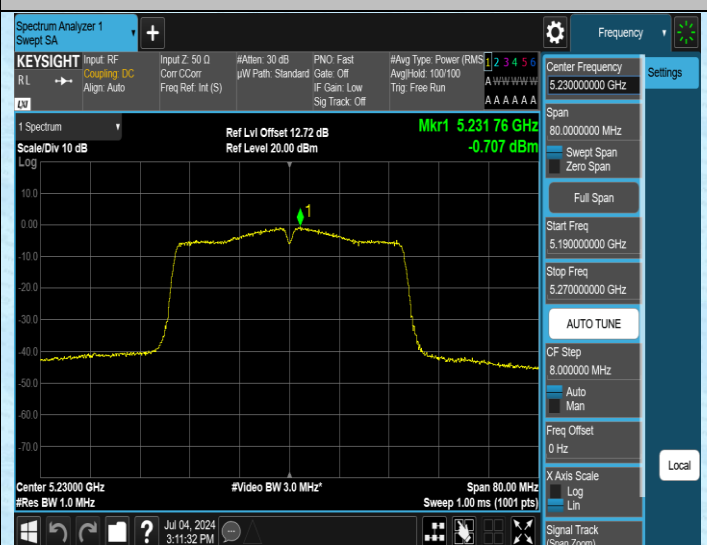
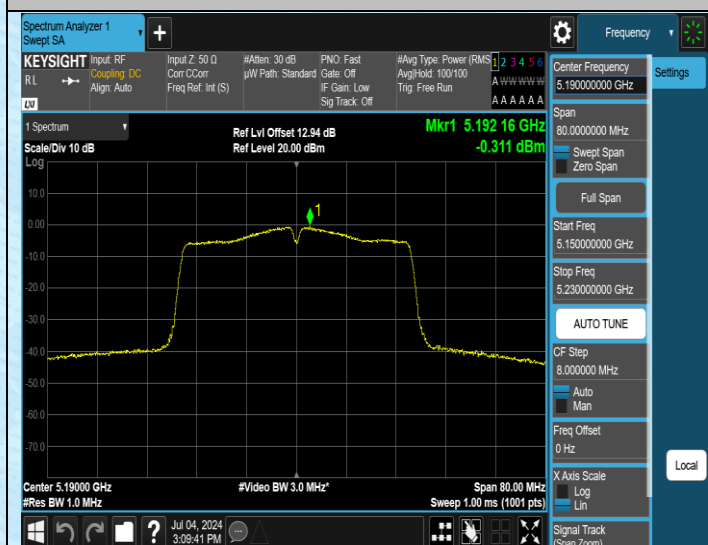
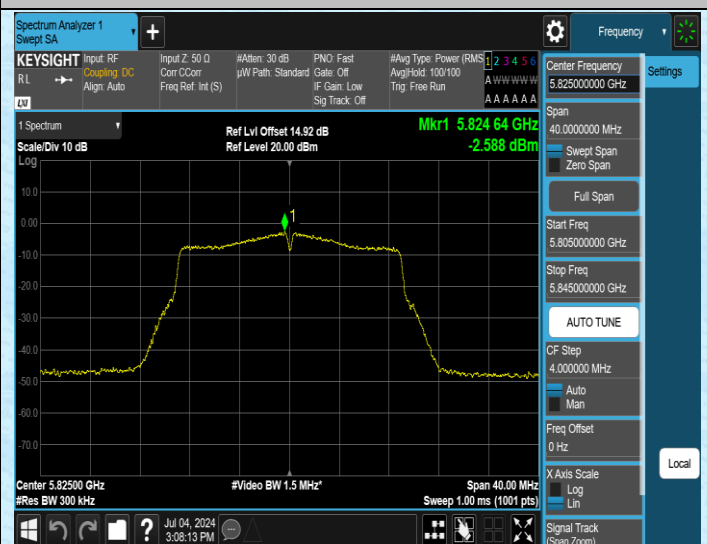
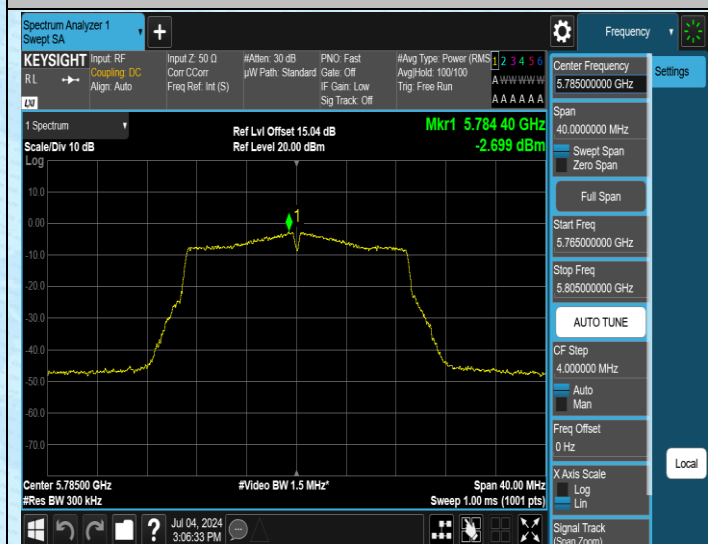
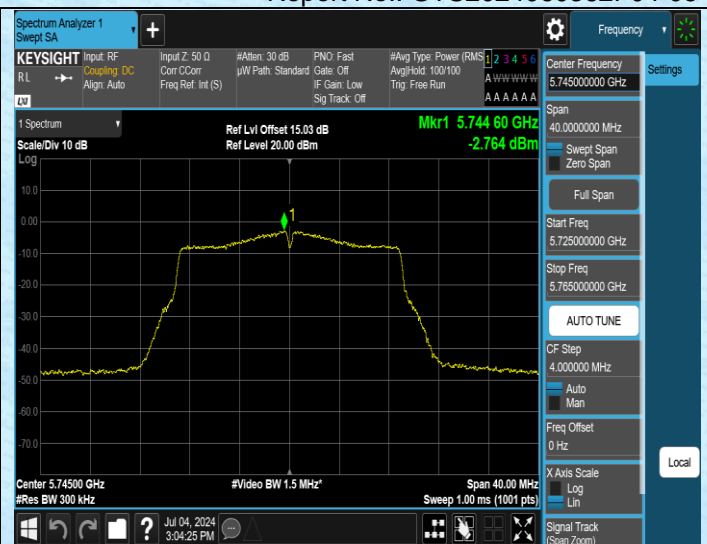
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

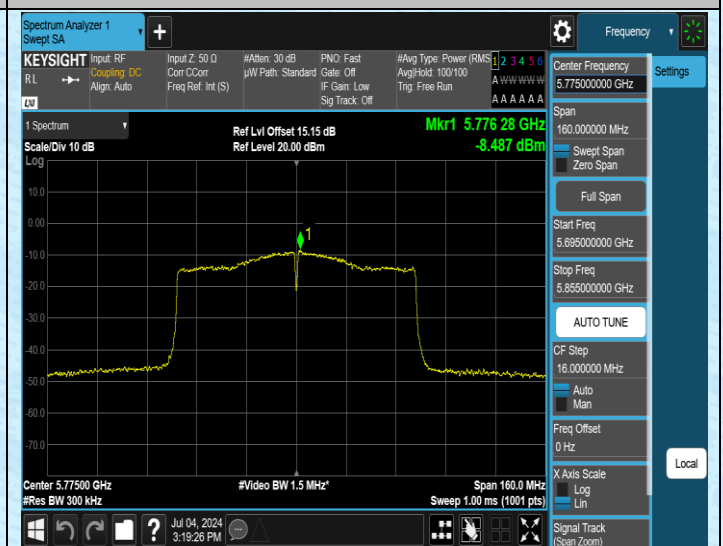
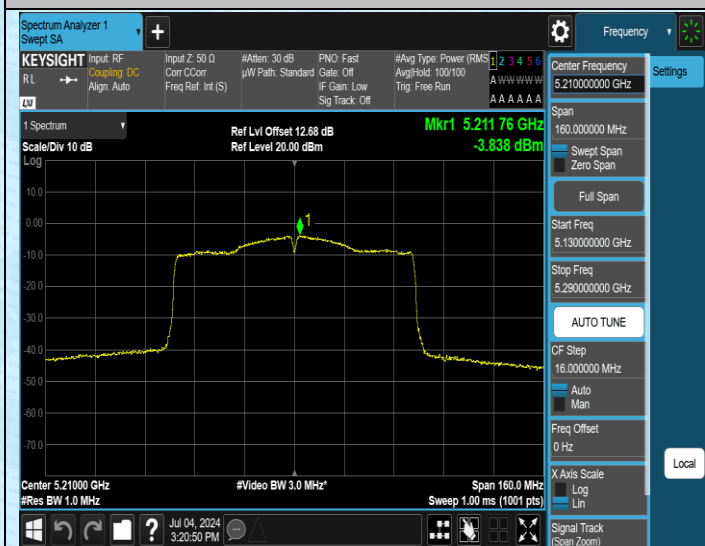
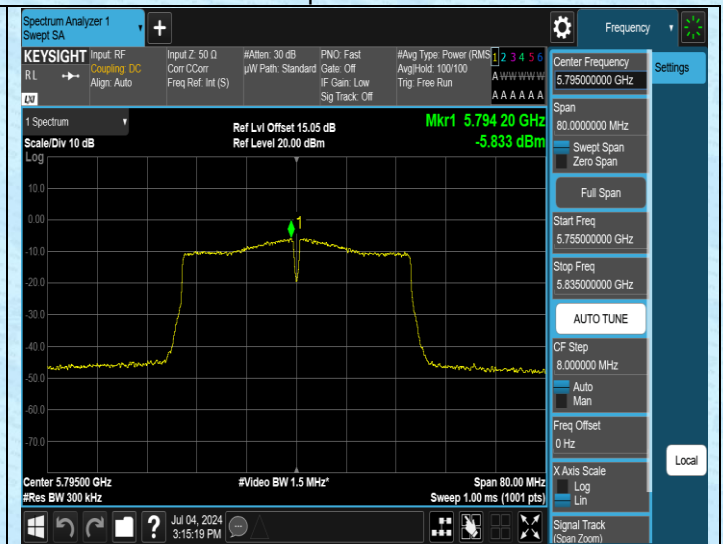
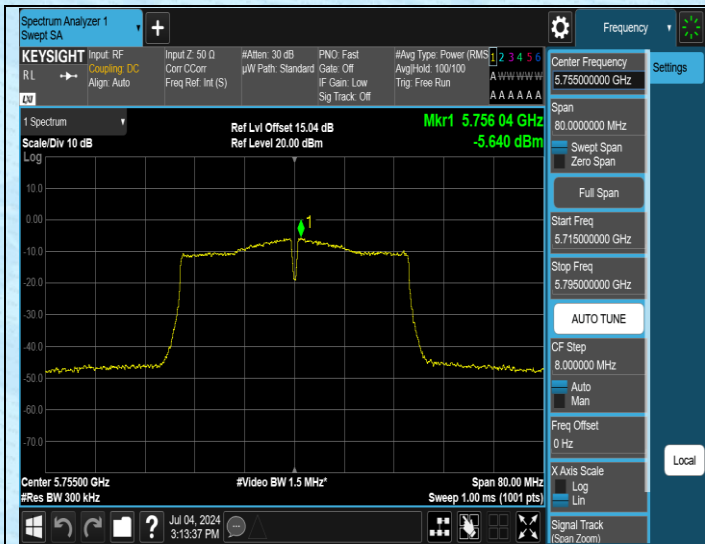
Test Graphs











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