

Appendix F.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	1.35	21.43	6.69	8.04	≤23.98	PASS
		5600	3.61	40.70	3.90	7.51	≤23.98	PASS
		5700	7.33	71.54	1.45	8.78	≤23.98	PASS
11N20S ISO	Ant0	5500	7.31	52.59	2.79	10.10	≤23.98	PASS
		5600	9.98	95.95	0.18	10.16	≤23.98	PASS
		5700	11.86	94.59	0.24	12.10	≤23.98	PASS
11N40S ISO	Ant0	5510	5.35	66.81	1.75	7.10	≤23.98	PASS
		5590	4.25	67.39	1.71	5.96	≤23.98	PASS
		5670	6.16	68.87	1.62	7.78	≤23.98	PASS
11AC20 SISO	Ant0	5500	7.69	80.95	0.92	8.61	≤23.98	PASS
		5600	7.11	80.95	0.92	8.03	≤23.98	PASS
		5700	8.46	85.00	0.71	9.17	≤23.98	PASS
11AC40 SISO	Ant0	5510	5.43	69.66	1.57	7.00	≤23.98	PASS
		5590	4.50	69.52	1.58	6.08	≤23.98	PASS
		5670	6.26	69.52	1.58	7.84	≤23.98	PASS
11AC80 SISO	Ant0	5530	3.40	48.42	3.15	6.55	≤23.98	PASS
		5610	2.70	48.32	3.16	5.86	≤23.98	PASS
11AX20 SISO	Ant0	5500	7.61	84.21	0.75	8.36	≤23.98	PASS
		5600	6.92	78.95	1.03	7.95	≤23.98	PASS
		5700	8.43	84.21	0.75	9.18	≤23.98	PASS
11AX40 SISO	Ant0	5510	4.00	56.78	2.46	6.46	≤23.98	PASS
		5590	3.84	56.80	2.46	6.30	≤23.98	PASS
		5670	6.82	56.70	2.46	9.28	≤23.98	PASS
11AX80 SISO	Ant0	5530	3.84	50.39	2.98	6.82	≤23.98	PASS
		5610	3.40	50.49	2.97	6.37	≤23.98	PASS

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

Appendix F.5: Maximum power spectral density

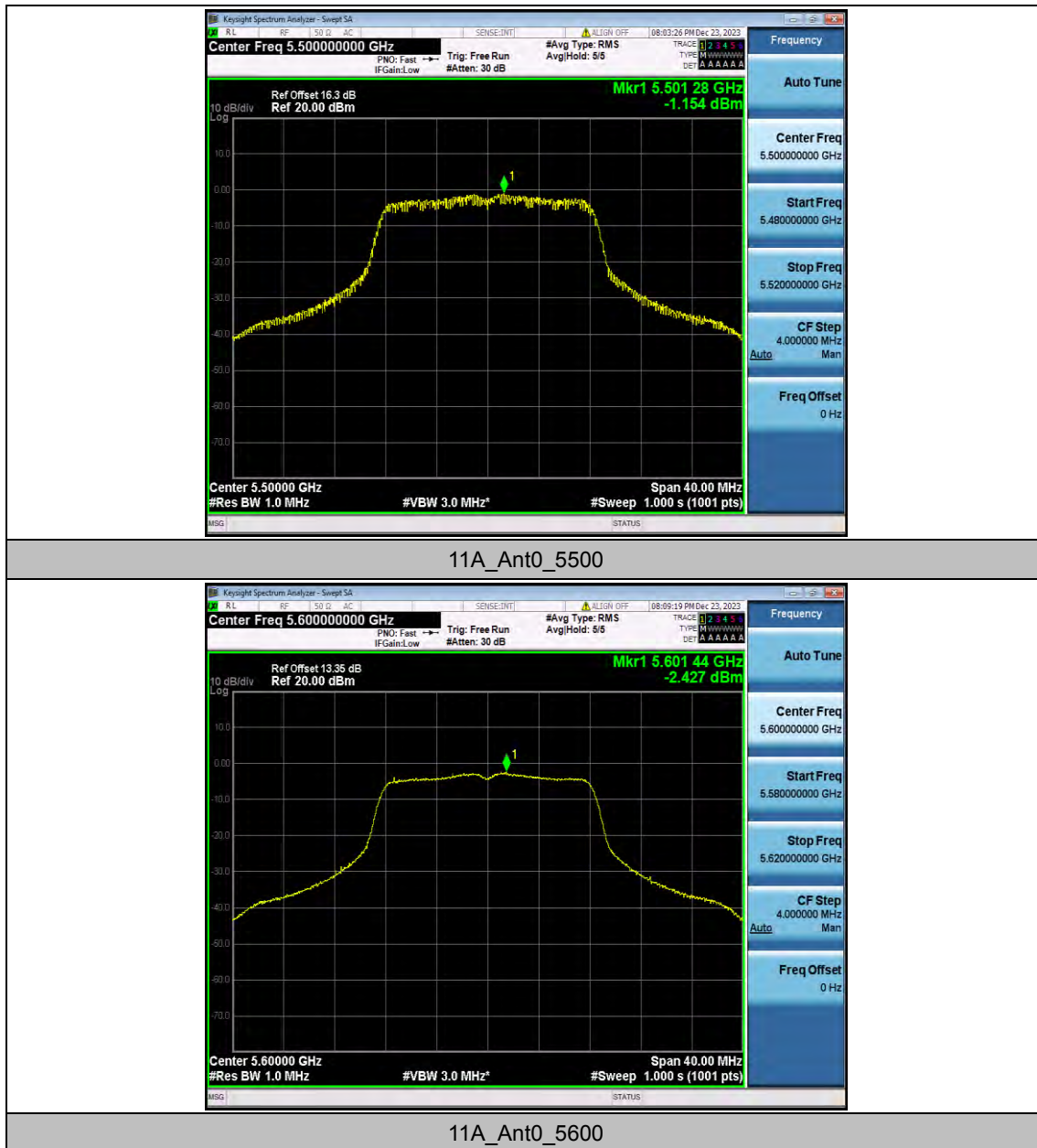
Test Result

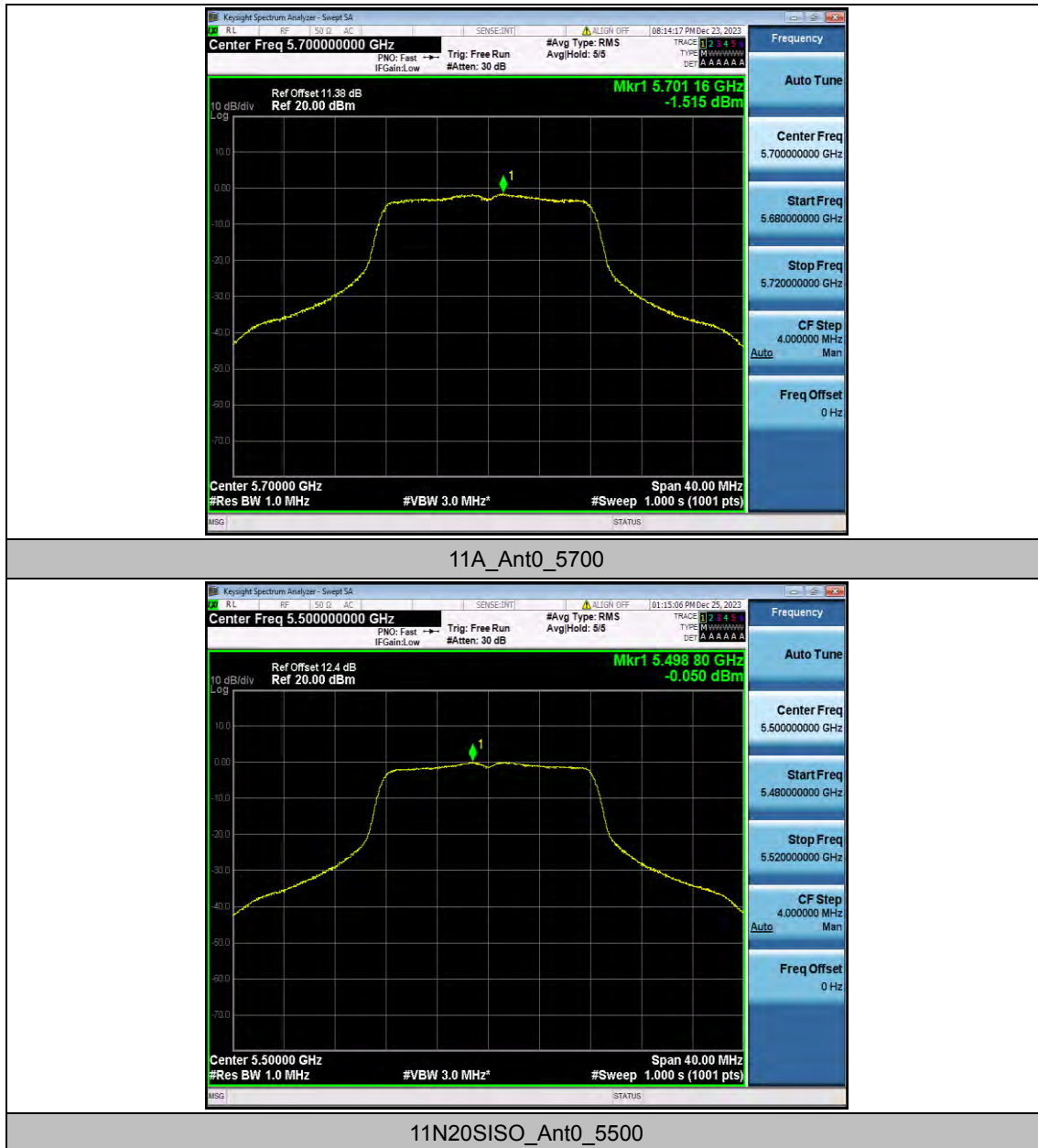
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	-1.15	≤11.00	PASS
		5600	-2.43	≤11.00	PASS
		5700	-1.52	≤11.00	PASS
11N20SISO	Ant0	5500	-0.05	≤11.00	PASS
		5600	-1.04	≤11.00	PASS
		5700	1.03	≤11.00	PASS
11N40SISO	Ant0	5510	-5.42	≤11.00	PASS
		5590	-6.77	≤11.00	PASS
		5670	-4.89	≤11.00	PASS
11AC20SISO	Ant0	5500	-2.75	≤11.00	PASS
		5600	-3.3	≤11.00	PASS
		5700	-2.08	≤11.00	PASS
11AC40SISO	Ant0	5510	-5.63	≤11.00	PASS
		5590	-6.86	≤11.00	PASS
		5670	-4.98	≤11.00	PASS
11AC80SISO	Ant0	5530	-8.53	≤11.00	PASS
		5610	-9.47	≤11.00	PASS
11AX20SISO	Ant0	5500	-3.28	≤11.00	PASS
		5600	-3.52	≤11.00	PASS
		5700	-2.36	≤11.00	PASS
11AX40SISO	Ant0	5510	-7.55	≤11.00	PASS
		5590	-8.23	≤11.00	PASS
		5670	-5.26	≤11.00	PASS
11AX80SISO	Ant0	5530	-10.07	≤11.00	PASS
		5610	-9.87	≤11.00	PASS

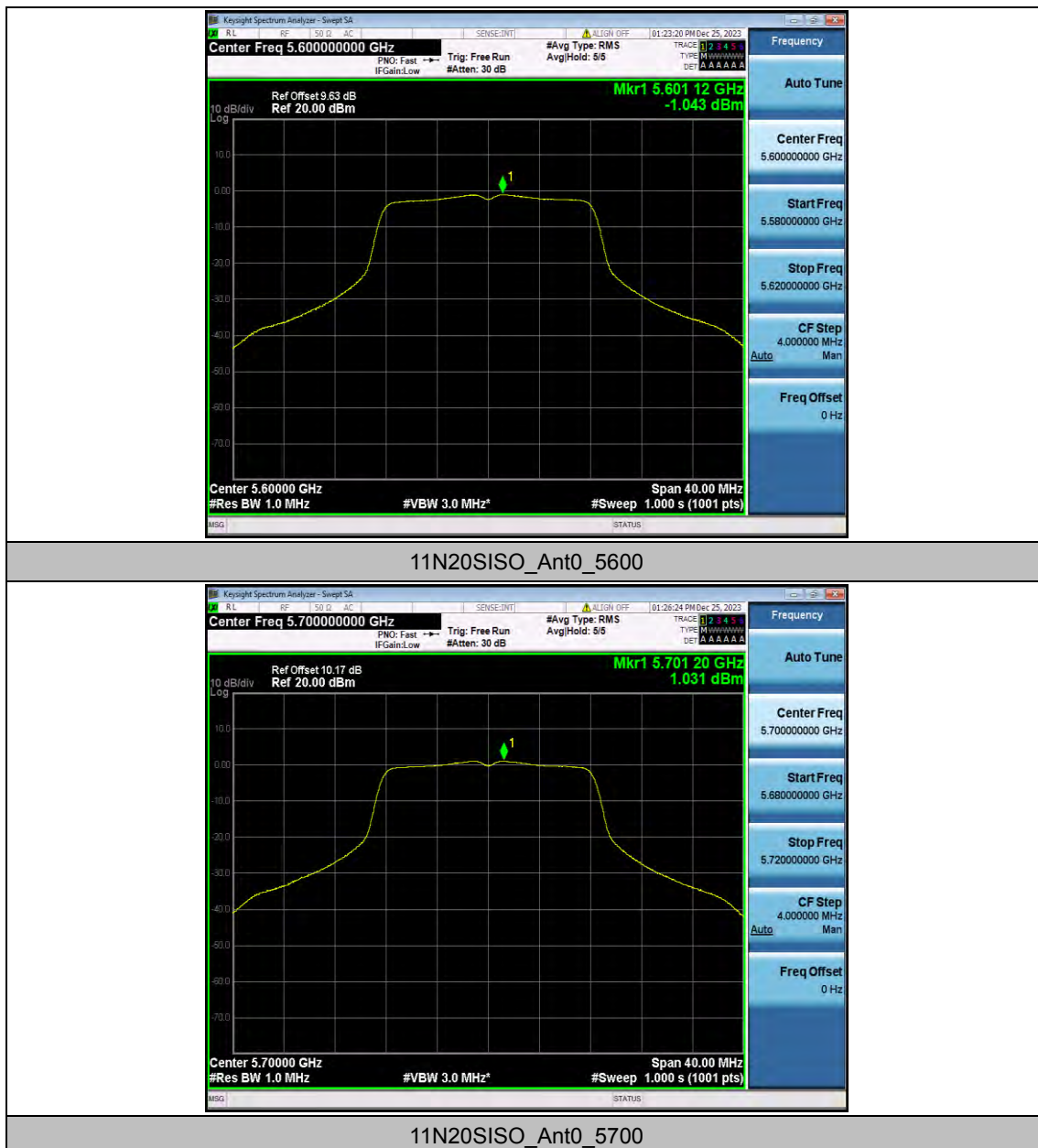
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

Test Graphs





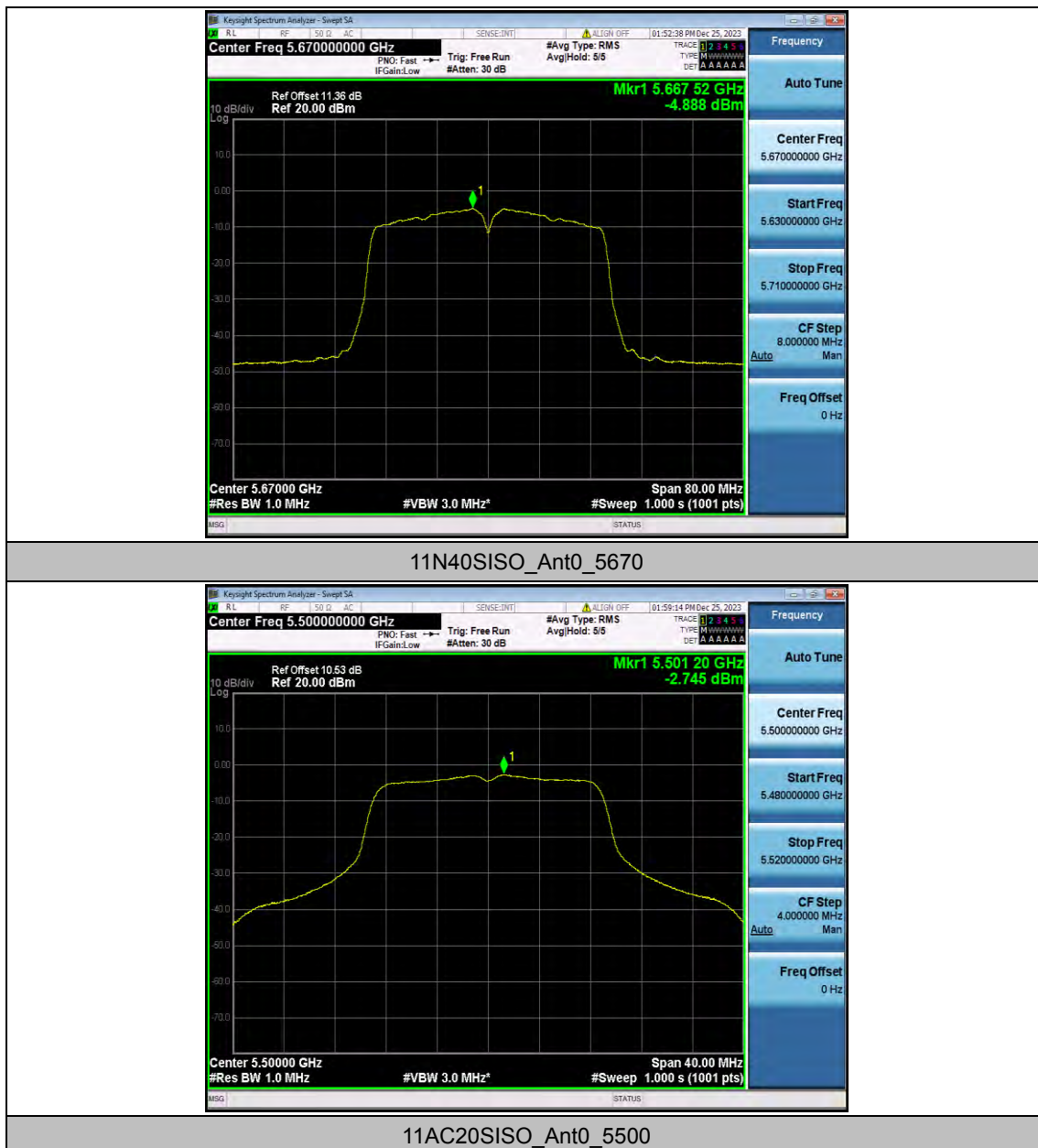


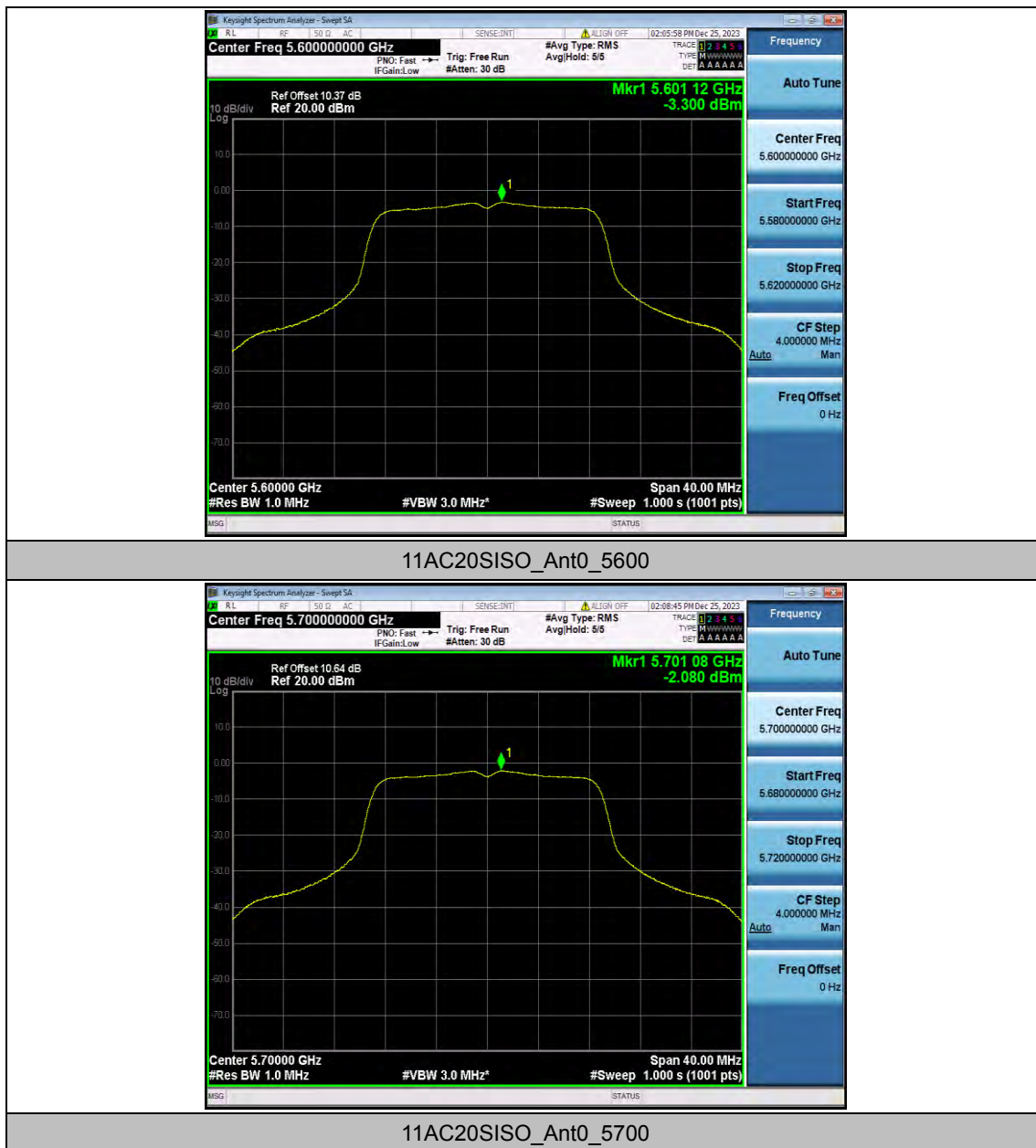


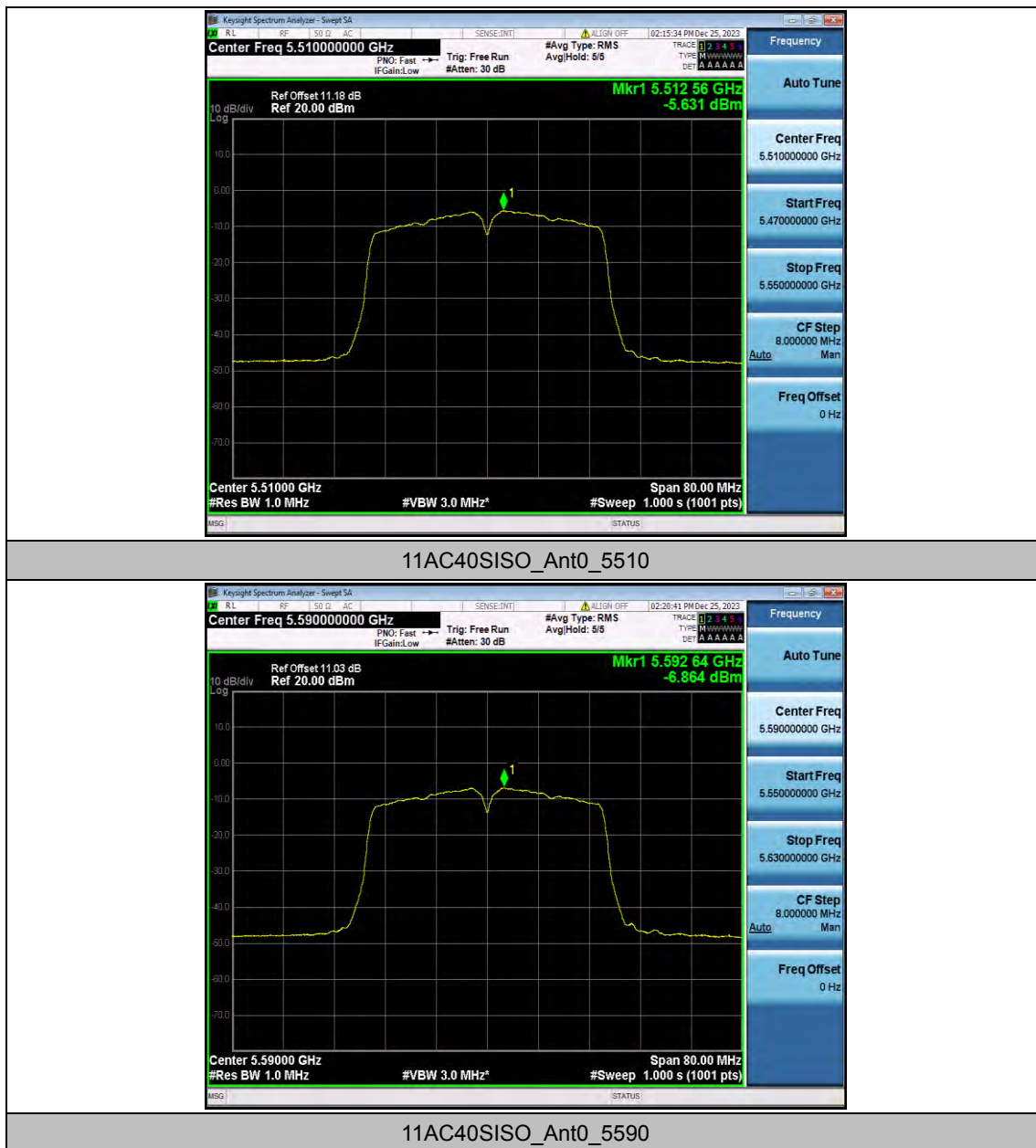
11N40SISO_Ant0_5510

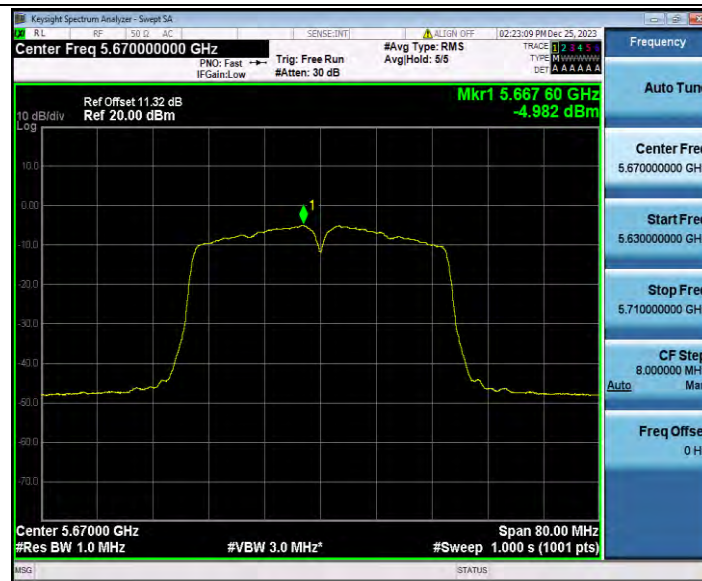


11N40SISO_Ant0_5590









11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



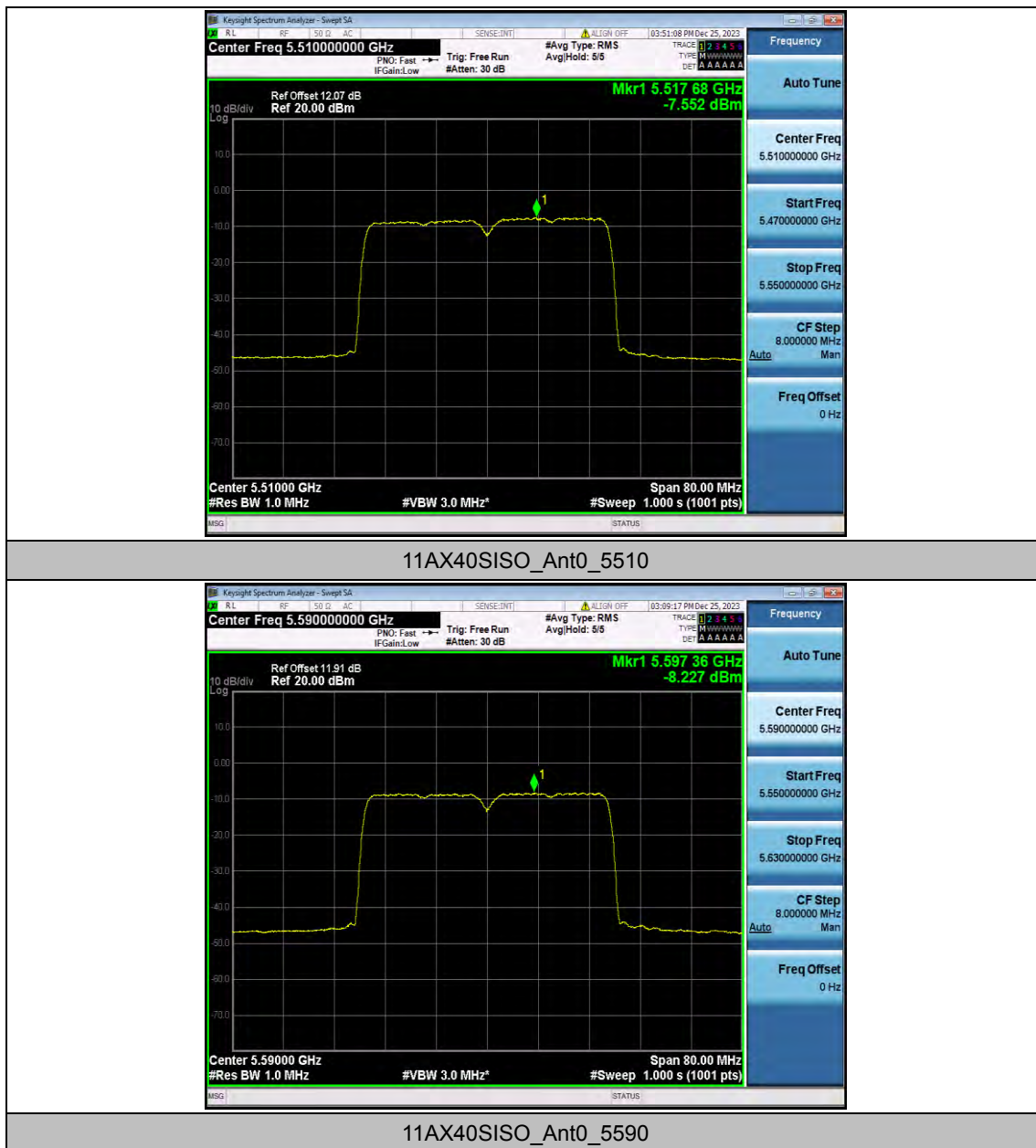
11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5600



11AX20SISO_Ant0_5700

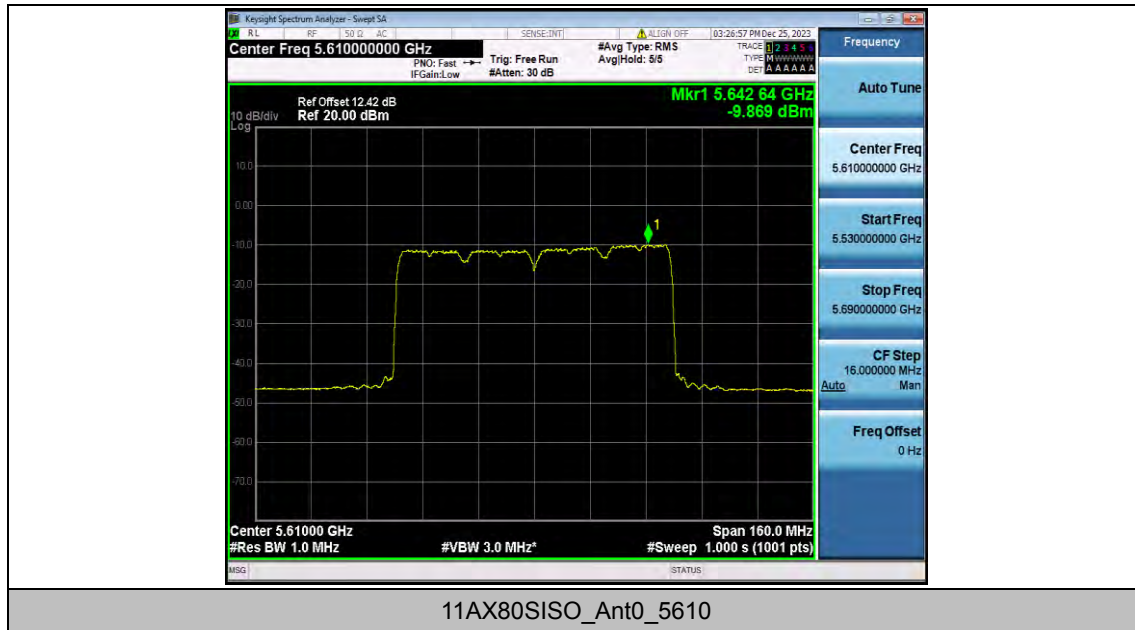




11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530

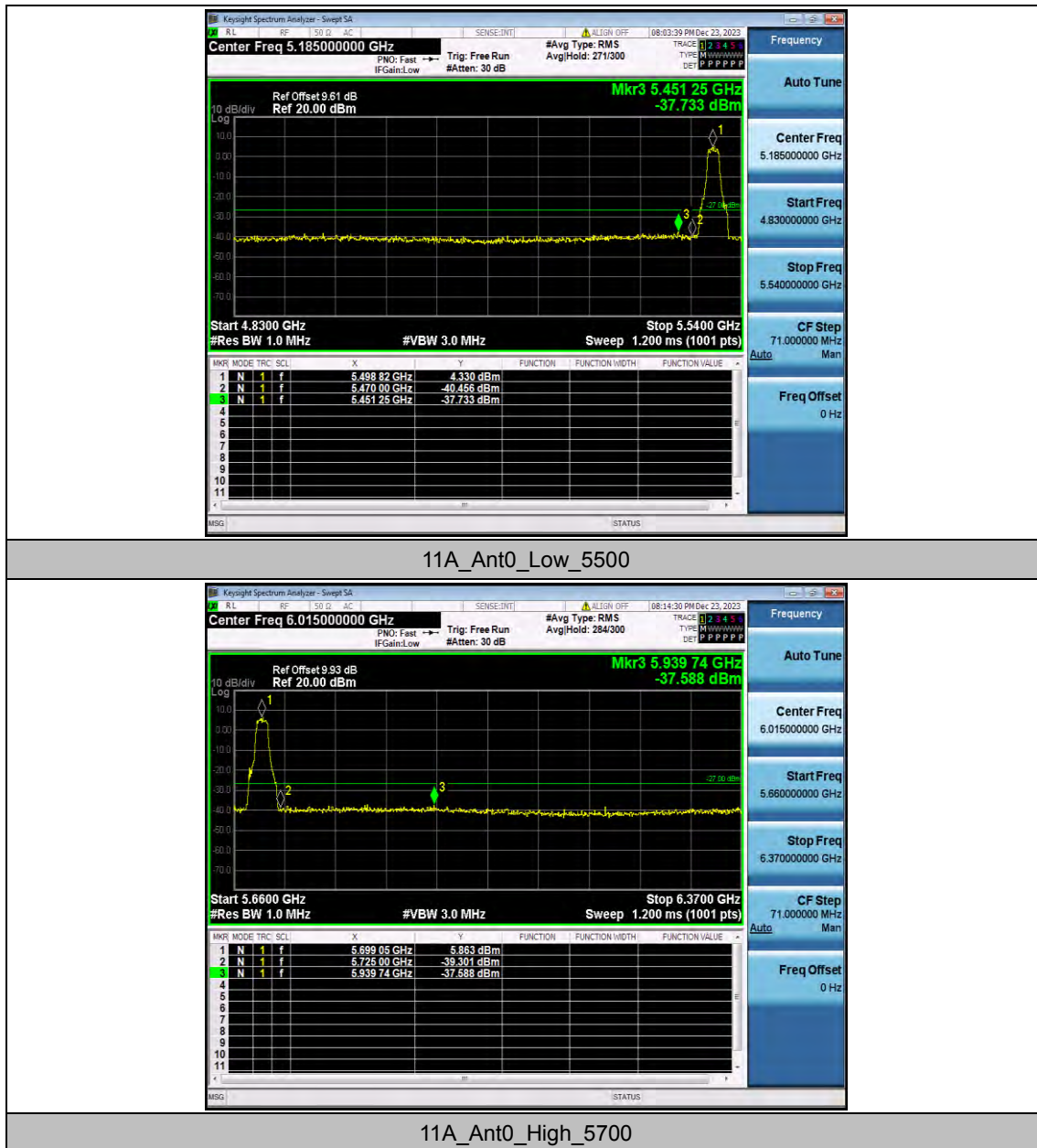


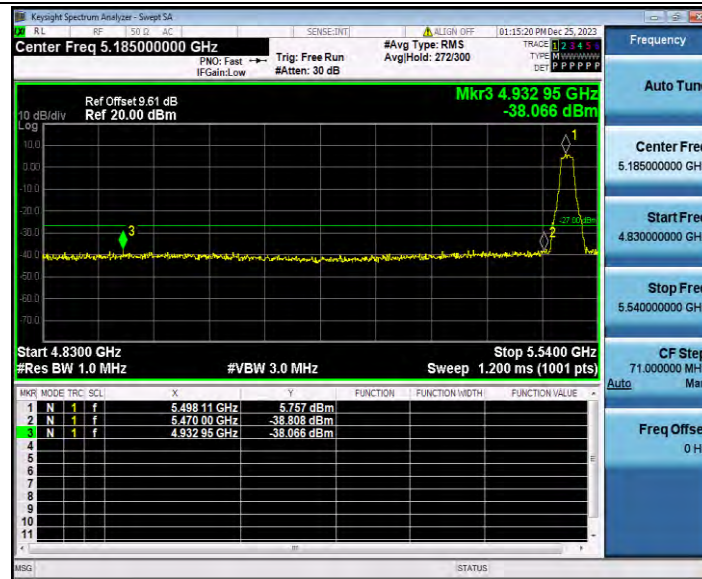
Appendix F.6: Band edge measurements

Test Result B3

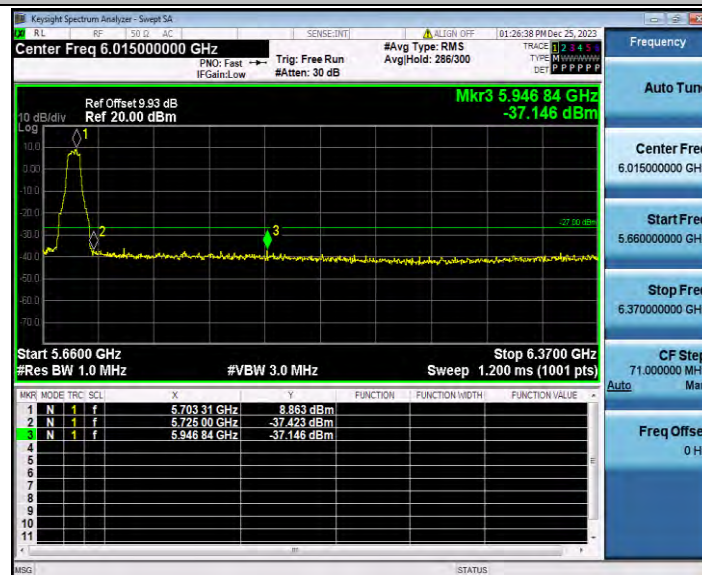
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-37.73	≤ -27	PASS
		High	5700	-37.59	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-38.07	≤ -27	PASS
		High	5700	-37.15	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-37.9	≤ -27	PASS
		High	5670	-38.05	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-37.86	≤ -27	PASS
		High	5700	-37.35	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-38.33	≤ -27	PASS
		High	5670	-38.27	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-37.74	≤ -27	PASS
		High	5610	-38.61	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-37.38	≤ -27	PASS
		High	5700	-36.8	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-36.64	≤ -27	PASS
		High	5670	-38.18	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-38.16	≤ -27	PASS
		High	5610	-37.55	≤ -27	PASS

Test Graphs B3





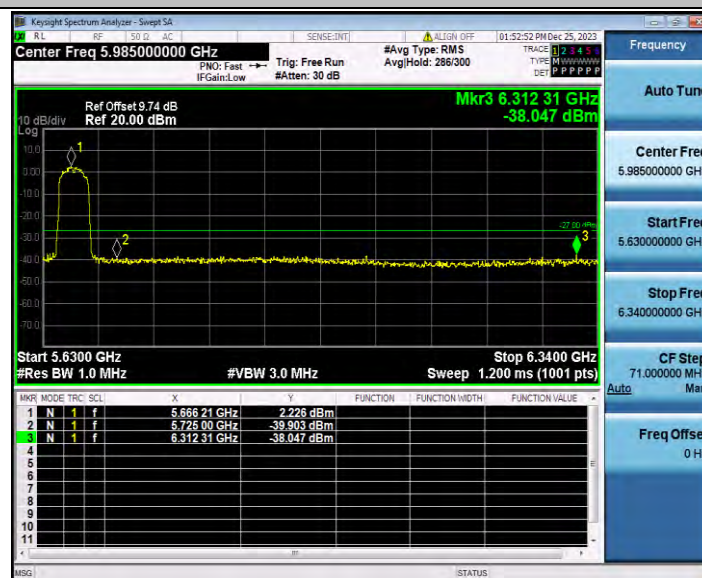
11N20SISO_Ant0_Low_5500



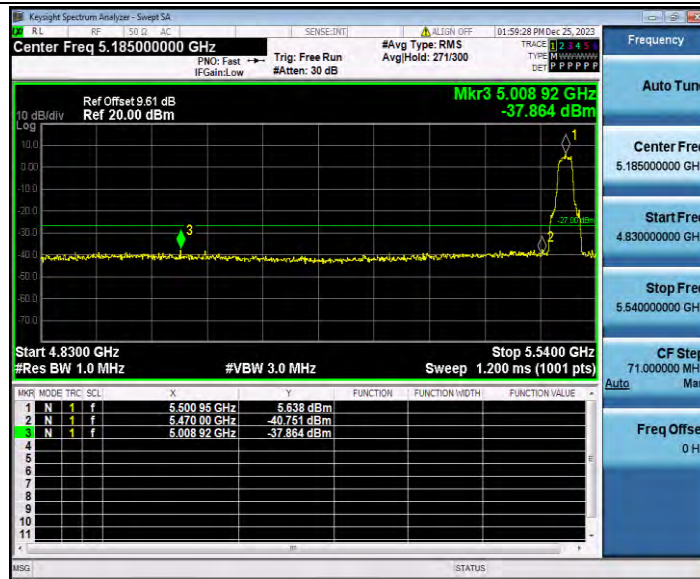
11N20SISO_Ant0_High_5700



11N40SISO_Ant0_Low_5510



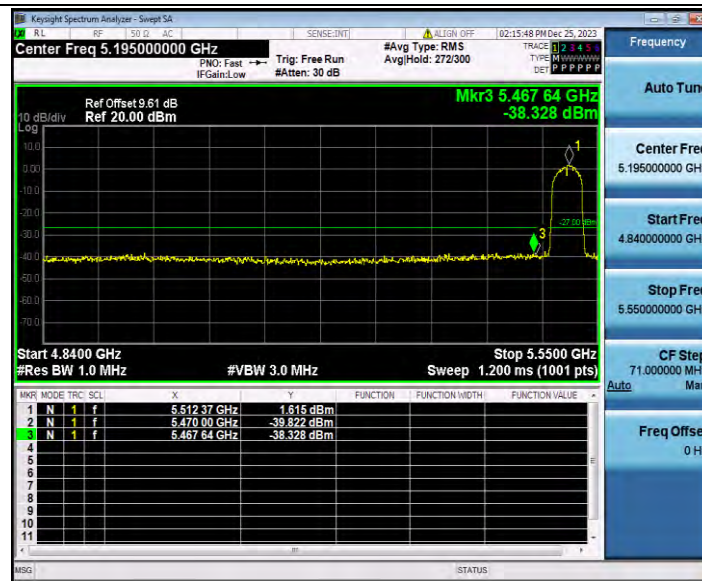
11N40SISO_Ant0_High_5670



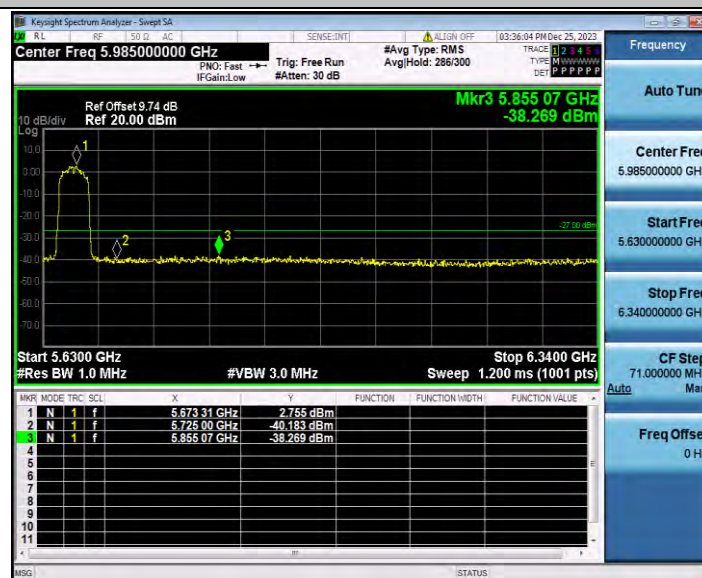
11AC20SISO_Ant0_Low_5500



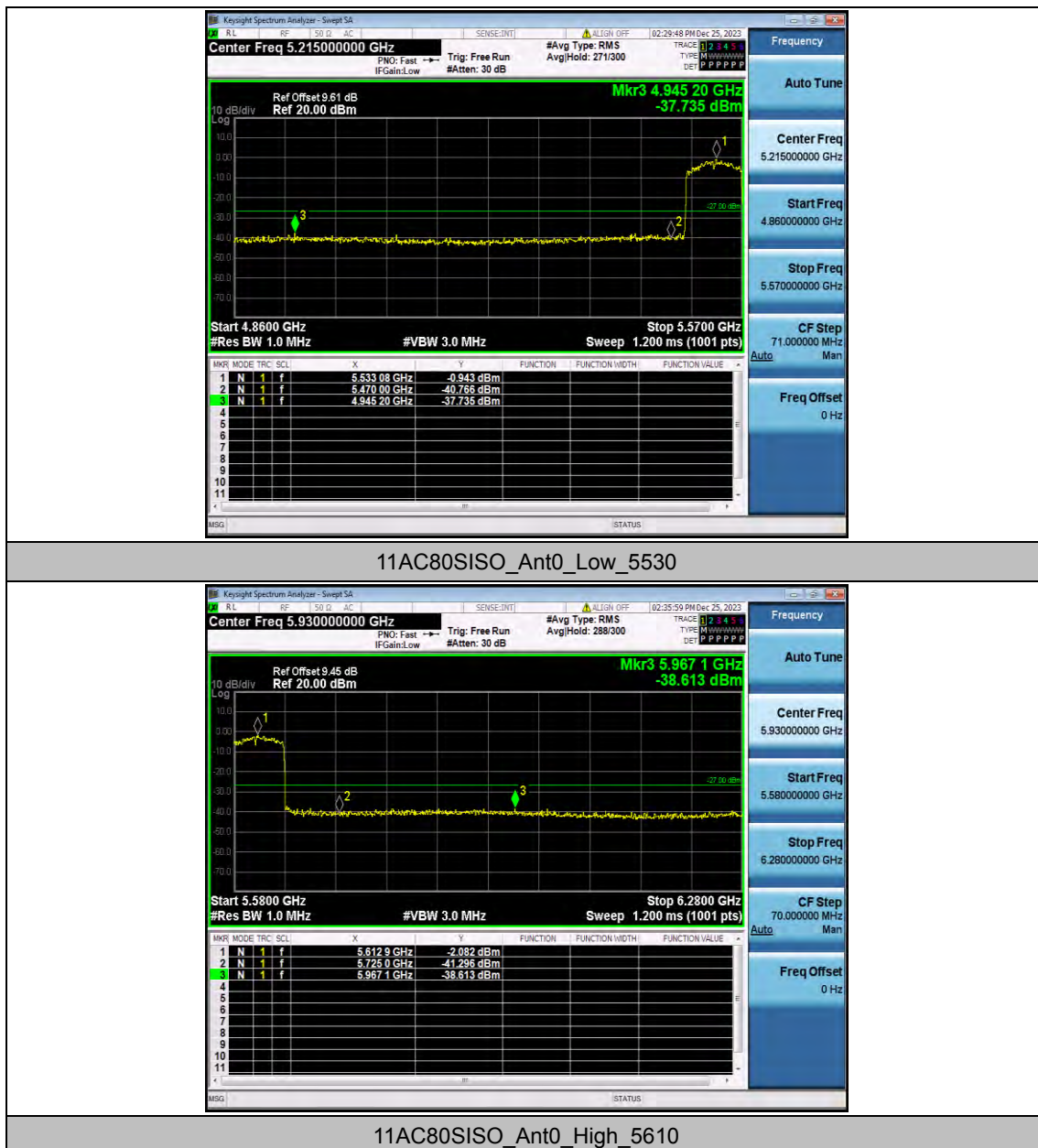
11AC20SISO_Ant0_High_5700



11AC40SISO_Ant0_Low_5510



11AC40SISO_Ant0_High_5670





11AX20SISO_Ant0_Low_5500



11AX20SISO_Ant0_High_5700



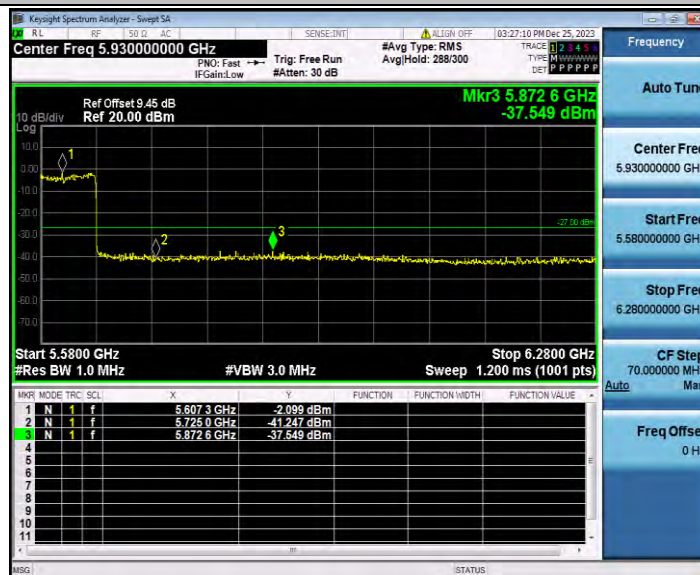
11AX40SISO_Ant0_Low_5510



11AX40SISO_Ant0_High_5670



11AX80SISO_Ant0_Low_5530



11AX80SISO_Ant0_High_5610

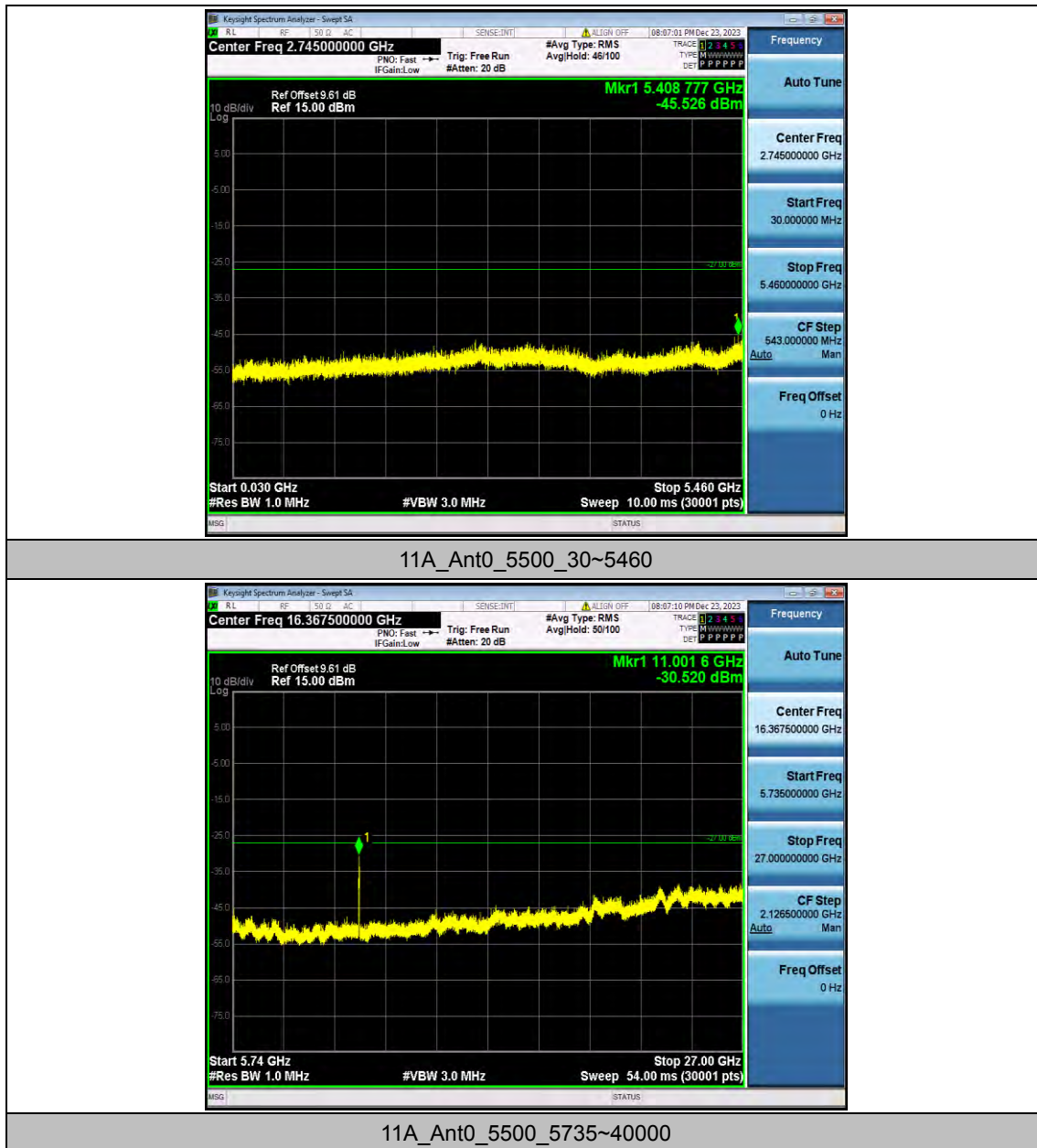
Appendix F.7: Conducted Spurious Emission

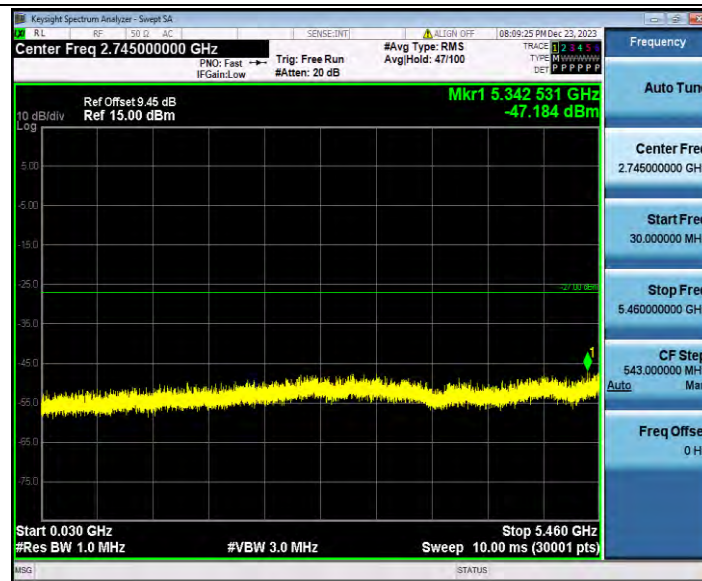
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5408.78	-45.53	≤-27	PASS
			5735~40000	11001.63	-30.52	≤-27	PASS
		5600	30~5460	5342.53	-47.18	≤-27	PASS
			5735~40000	11195.14	-32.03	≤-27	PASS
		5700	30~5460	3154.6	-47.09	≤-27	PASS
			5735~40000	26854.69	-37.81	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5453.85	-44.49	≤-27	PASS
			5735~40000	24222.08	-39.02	≤-27	PASS
		5600	30~5460	5419.82	-47.43	≤-27	PASS
			5735~40000	11200.81	-30.46	≤-27	PASS
		5700	30~5460	3595.88	-46.67	≤-27	PASS
			5735~40000	24291.55	-37.15	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5436.83	-45.4	≤-27	PASS
			5735~40000	11018.64	-34.28	≤-27	PASS
		5590	30~5460	5447.33	-46.9	≤-27	PASS
			5735~40000	11177.42	-37.02	≤-27	PASS
		5670	30~5460	4901.8	-47.22	≤-27	PASS
			5735~40000	26481.13	-38.32	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5420.36	-45.22	≤-27	PASS
			5735~40000	11000.21	-29.34	≤-27	PASS
		5600	30~5460	5443.17	-46.12	≤-27	PASS
			5735~40000	11203.65	-32.46	≤-27	PASS
		5700	30~5460	5458.91	-47.05	≤-27	PASS
			5735~40000	24278.79	-37.37	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5452.4	-45.42	≤-27	PASS
			5735~40000	11015.81	-33.84	≤-27	PASS
		5590	30~5460	5403.17	-47.25	≤-27	PASS
			5735~40000	11176.71	-36.74	≤-27	PASS
		5670	30~5460	2675.86	-46.36	≤-27	PASS
			5735~40000	25273.99	-38.07	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5357.37	-44.26	≤-27	PASS
			5735~40000	11071.81	-34.96	≤-27	PASS
		5610	30~5460	5454.03	-45.85	≤-27	PASS
			5735~40000	26776.01	-37.91	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5437.92	-44.84	≤-27	PASS
			5735~40000	10999.51	-28.33	≤-27	PASS

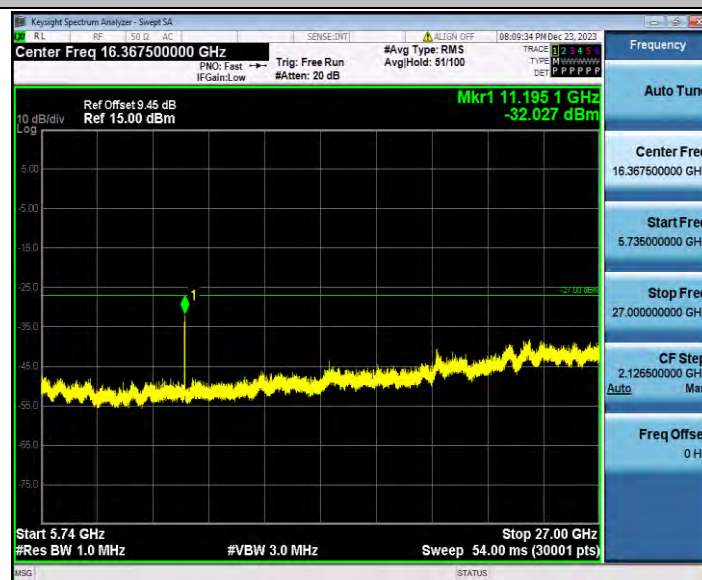
		5600	30~5460	4797.72	-46.74	≤ -27	PASS
			5735~40000	11199.4	-32.93	≤ -27	PASS
		5700	30~5460	3086.91	-46.05	≤ -27	PASS
			5735~40000	11398.58	-37.07	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5419.09	-45.5	≤ -27	PASS
			5735~40000	11024.31	-36.95	≤ -27	PASS
		5590	30~5460	5451.67	-46.51	≤ -27	PASS
			5735~40000	25023.06	-38.49	≤ -27	PASS
		5670	30~5460	4892.02	-46.76	≤ -27	PASS
			5735~40000	26790.89	-38.43	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5445.34	-44.28	≤ -27	PASS
			5735~40000	11083.86	-37.49	≤ -27	PASS
		5610	30~5460	1739.73	-37.44	≤ -27	PASS
			5735~40000	25002.51	-38.04	≤ -27	PASS

Test Graphs

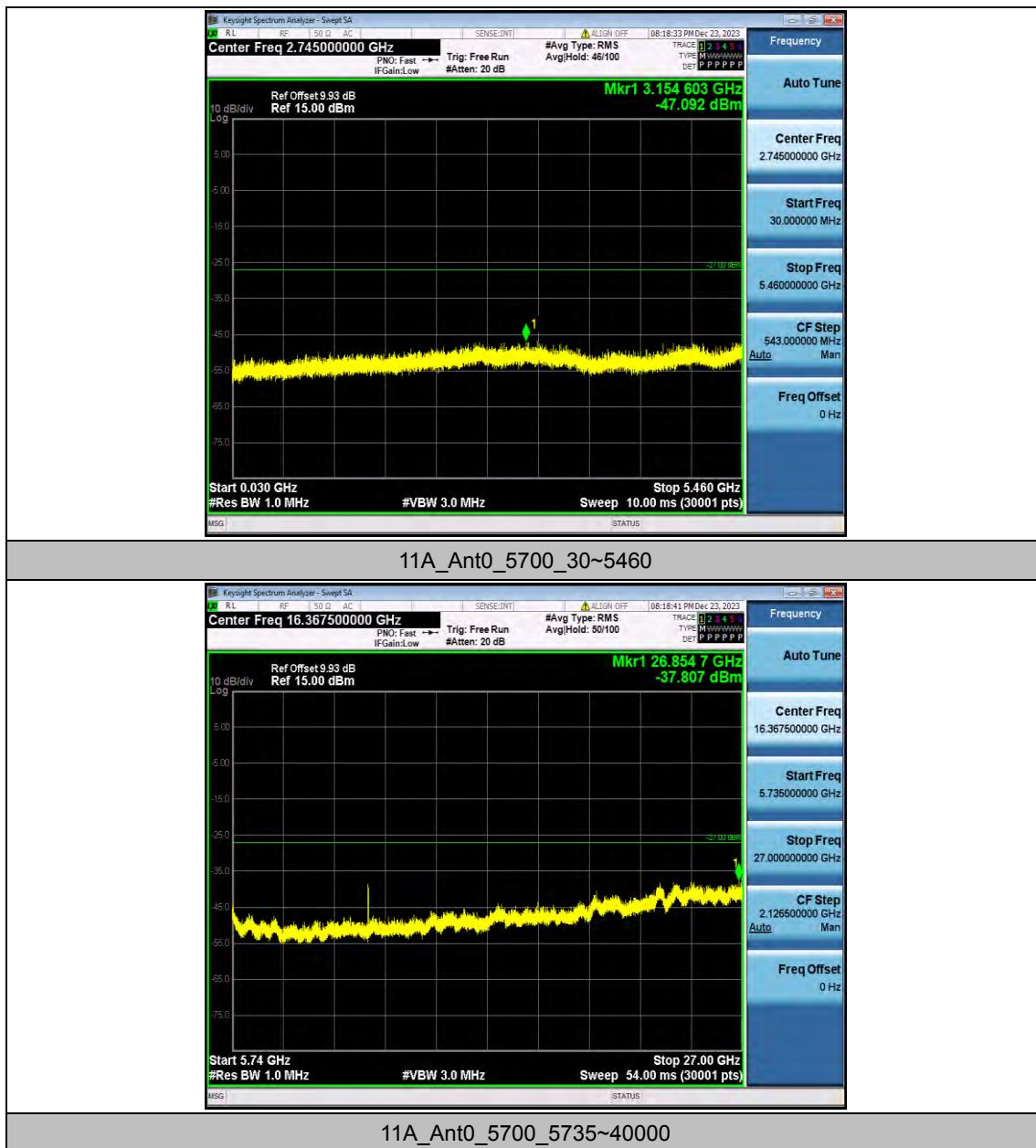


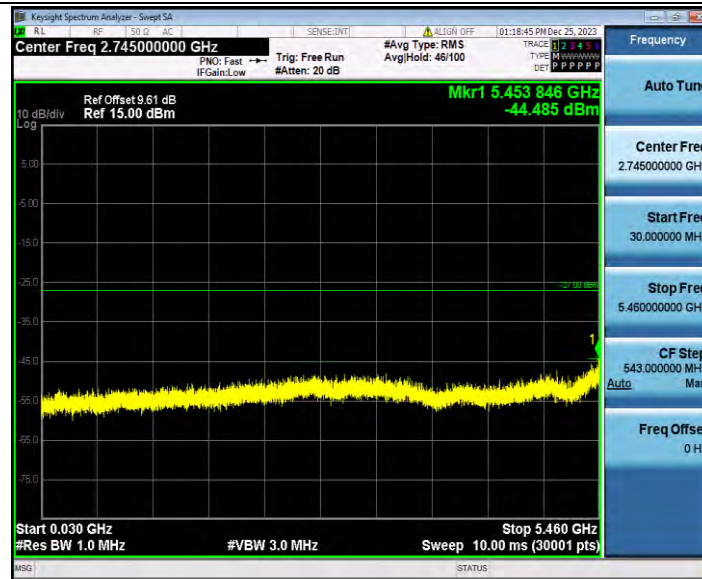


11A_Ant0_5600_30~5460

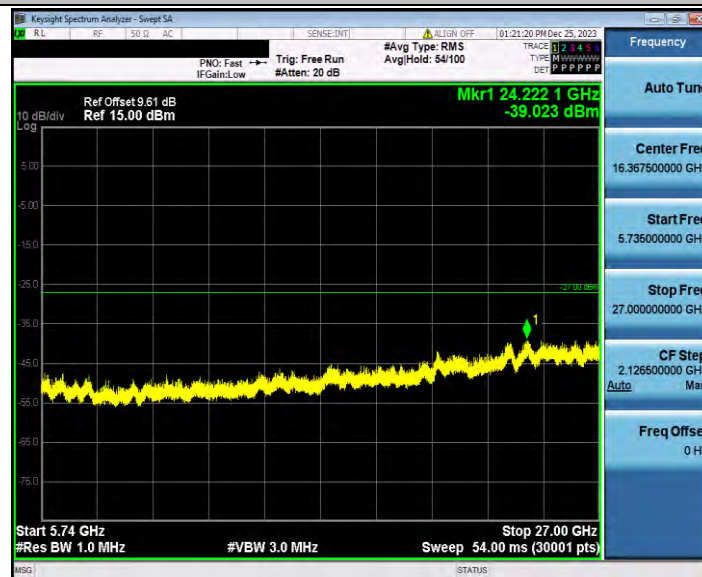


11A_Ant0_5600_5735~40000

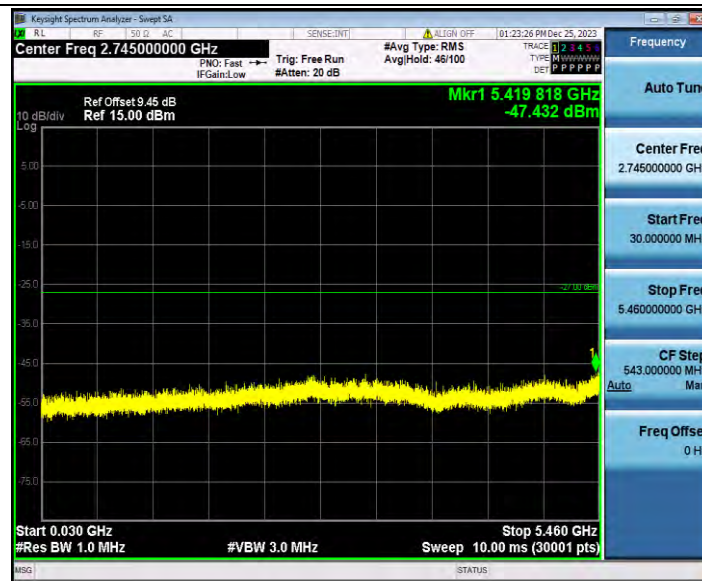




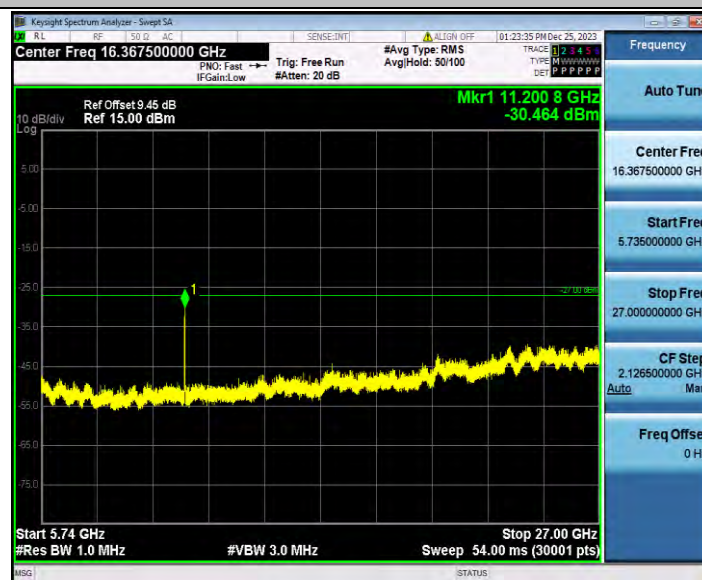
11N20SISO_Ant0_5500_30~5460



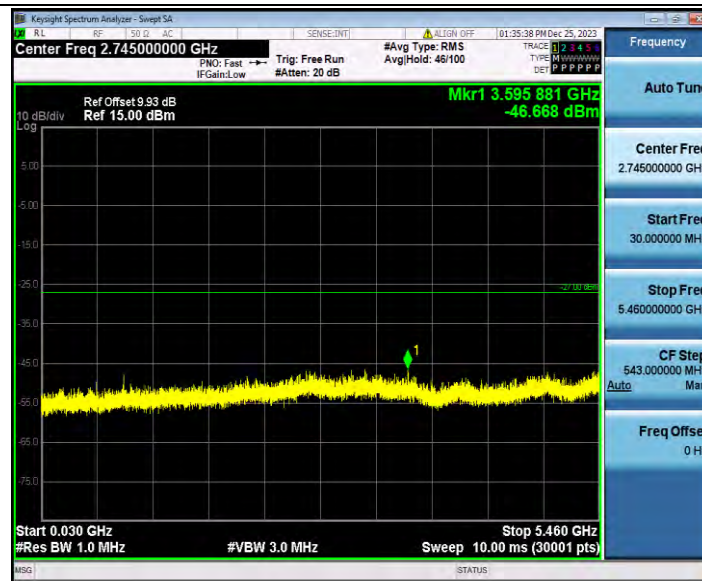
11N20SISO_Ant0_5500_5735~40000



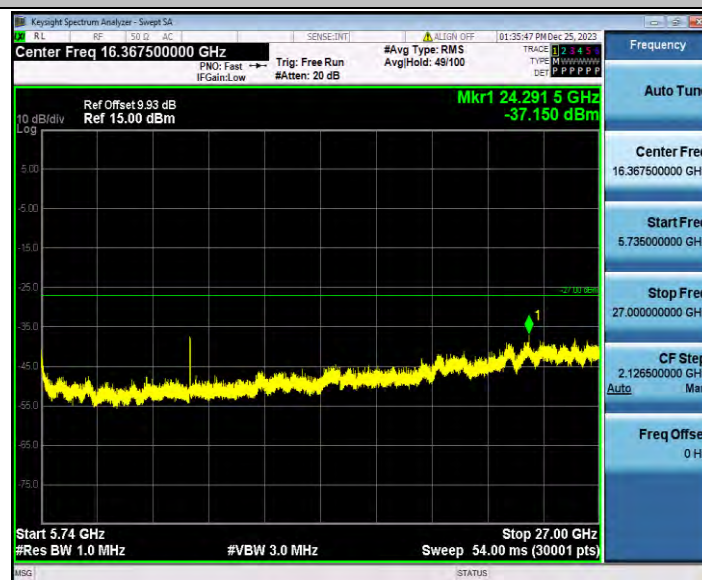
11N20SISO_Ant0_5600_30~5460



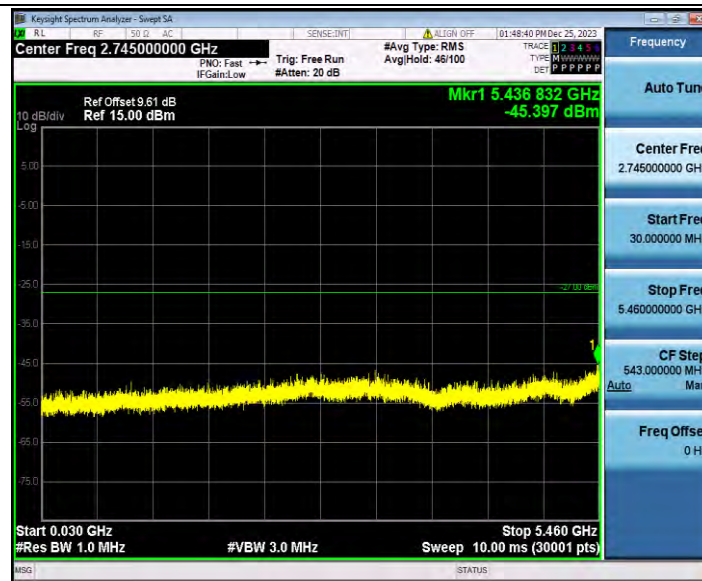
11N20SISO_Ant0_5600_5735~40000



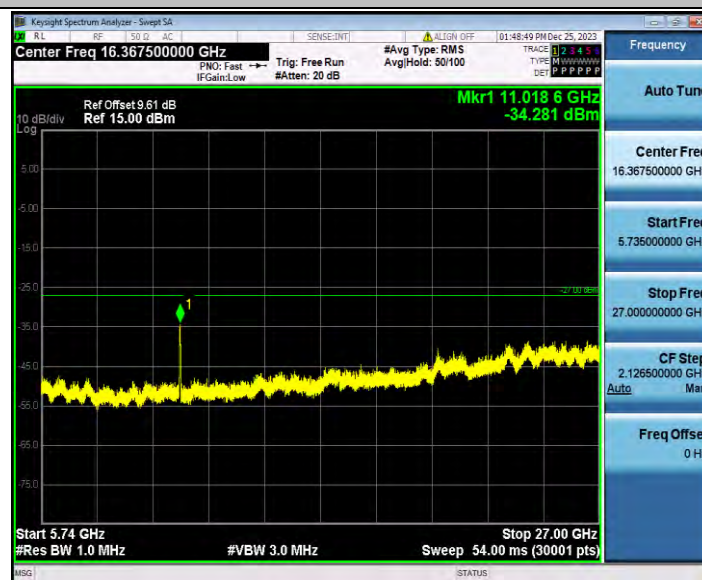
11N20SISO_Ant0_5700_30~5460



11N20SISO_Ant0_5700_5735~40000



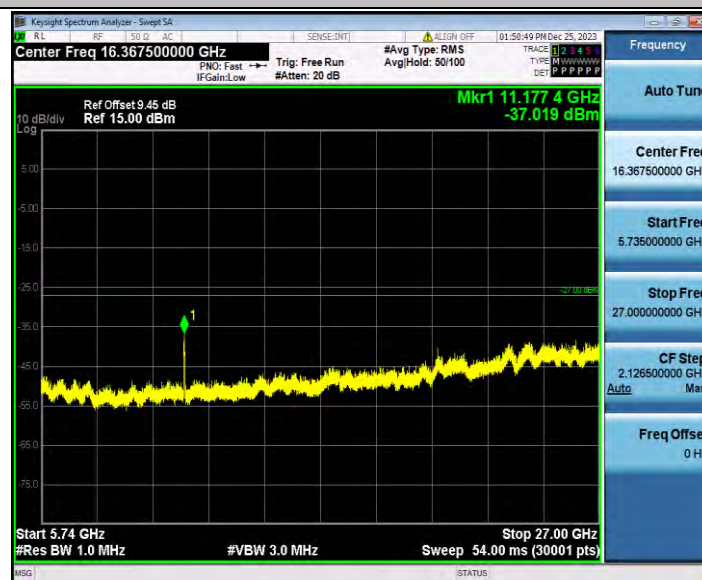
11N40SISO_Ant0_5510_30~5460



11N40SISO_Ant0_5510_5735~40000



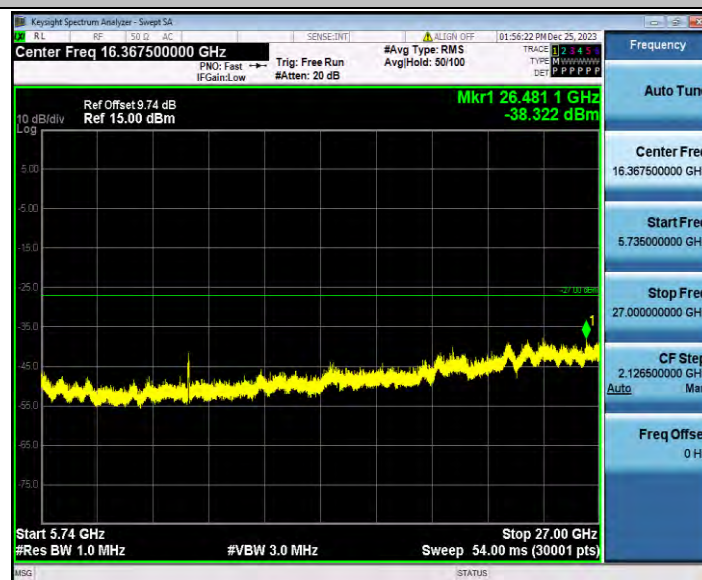
11N40SISO_Ant0_5590_30~5460



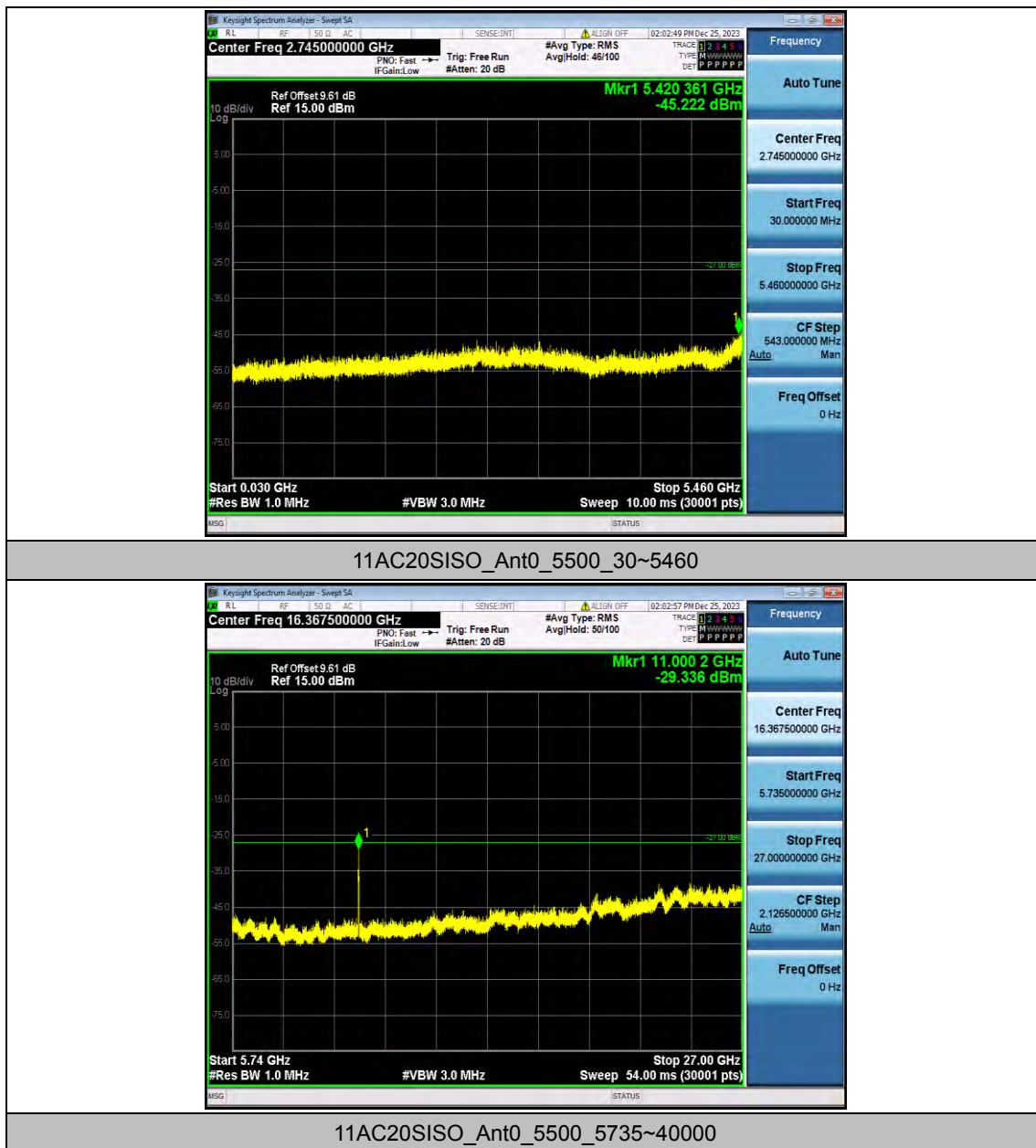
11N40SISO_Ant0_5590_5735~40000

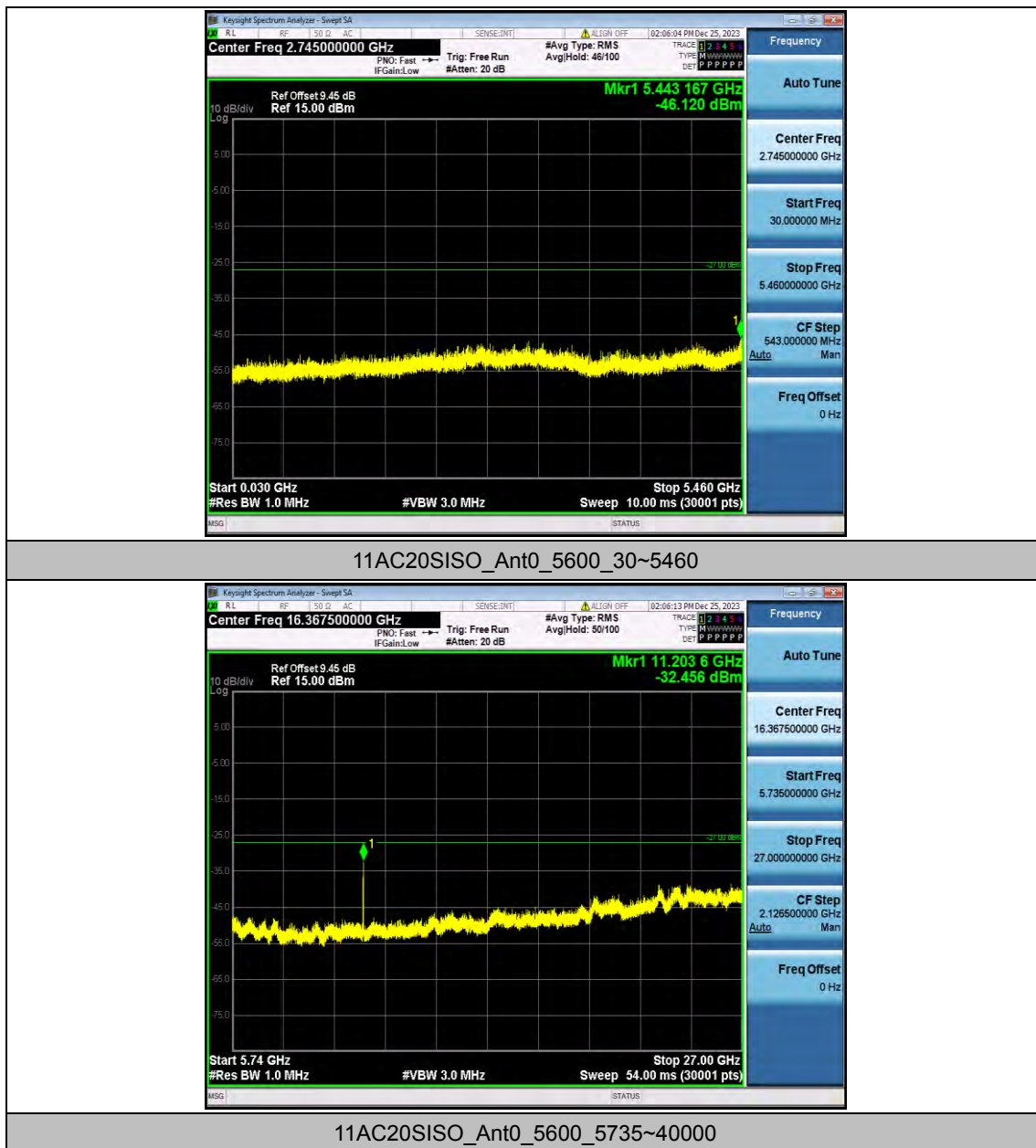


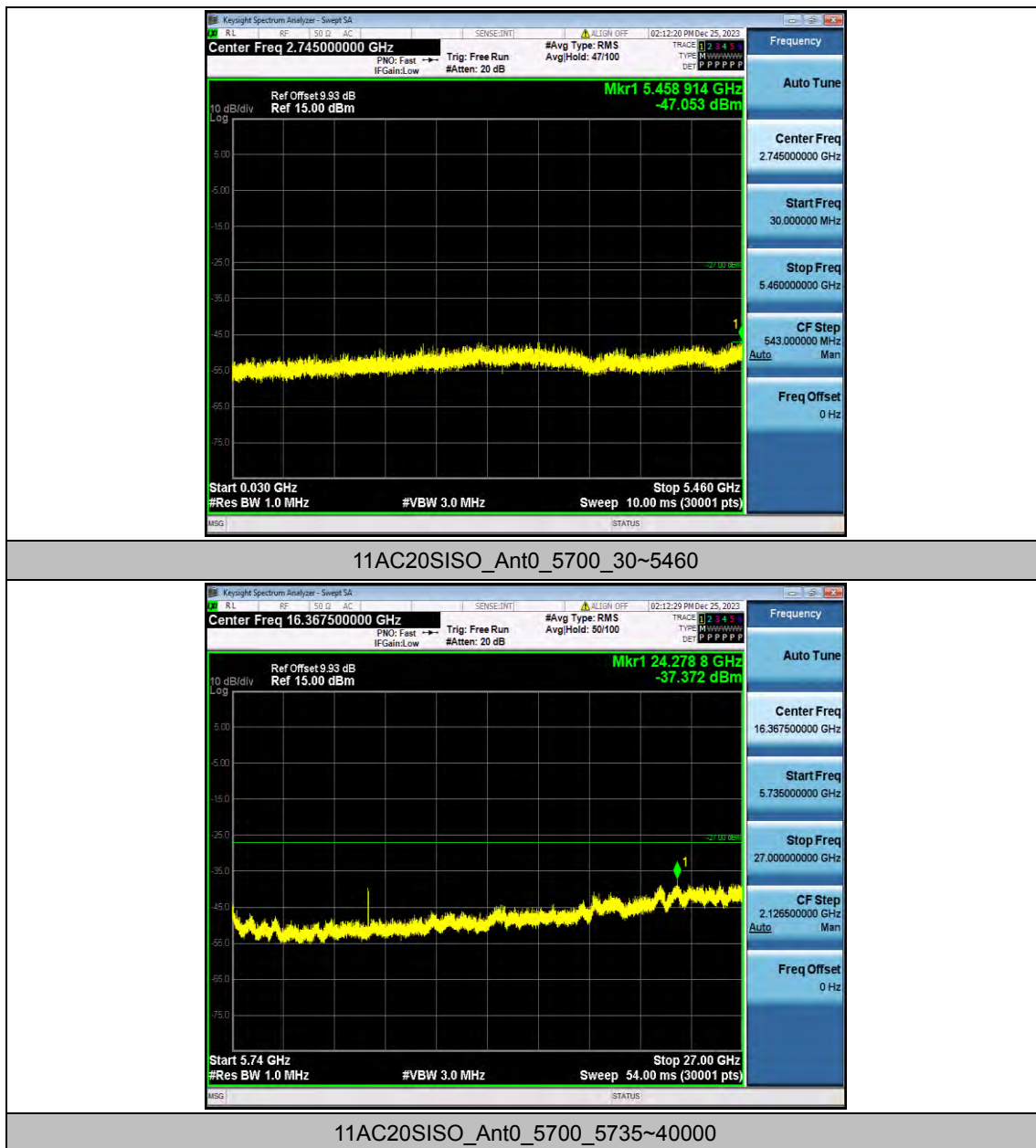
11N40SISO_Ant0_5670_30~5460

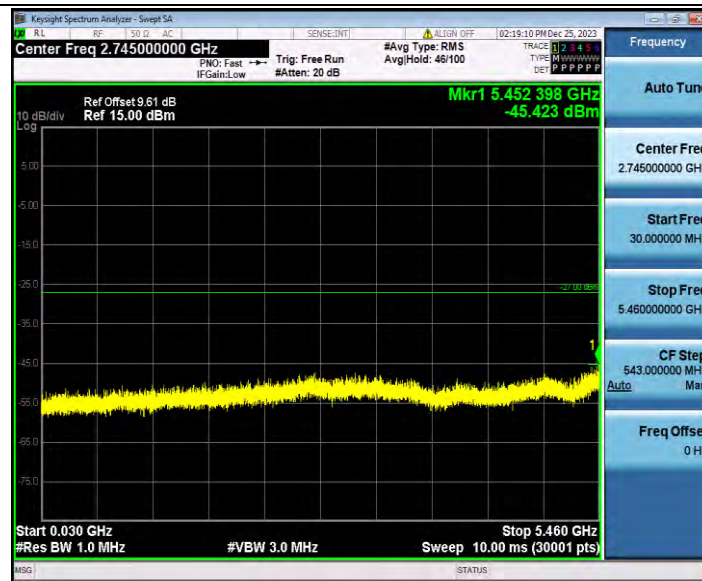


11N40SISO_Ant0_5670_5735~40000

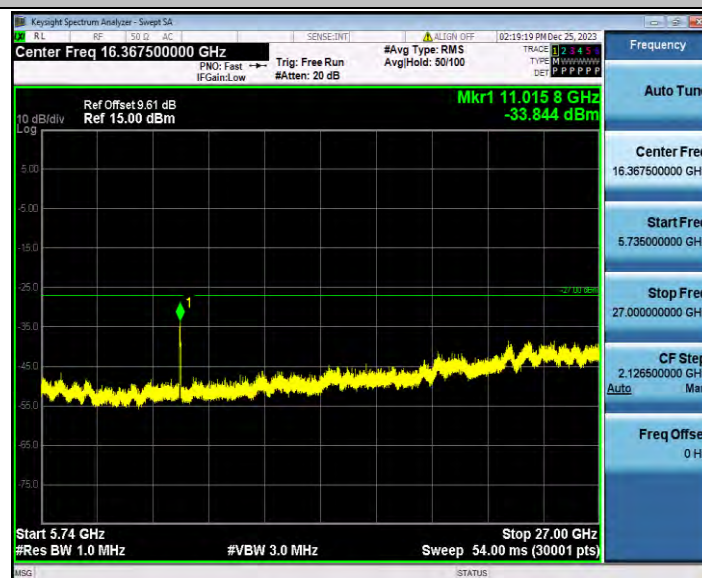




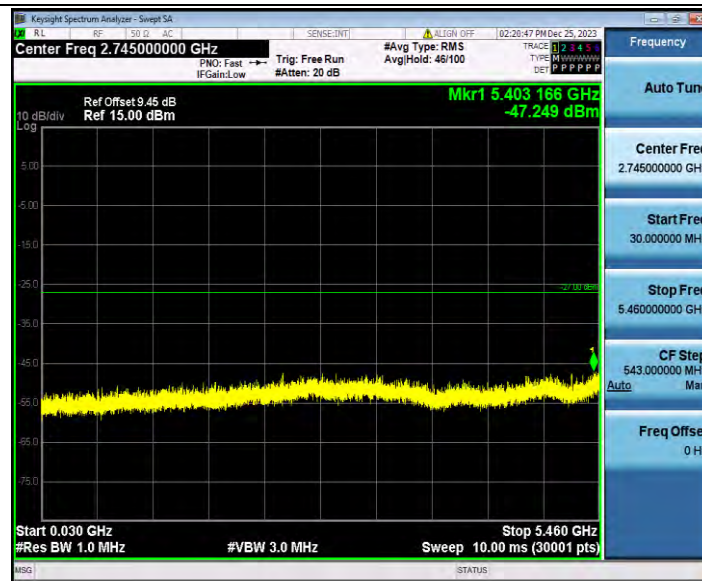




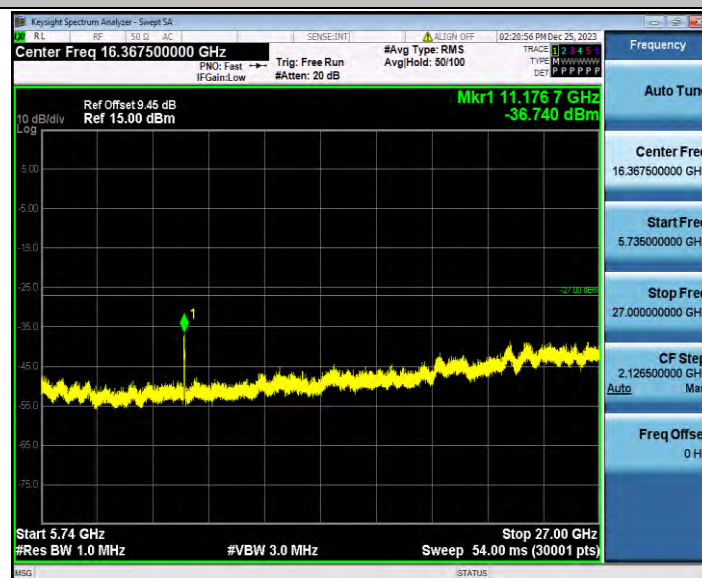
11AC40SISO_Ant0_5510_30~5460



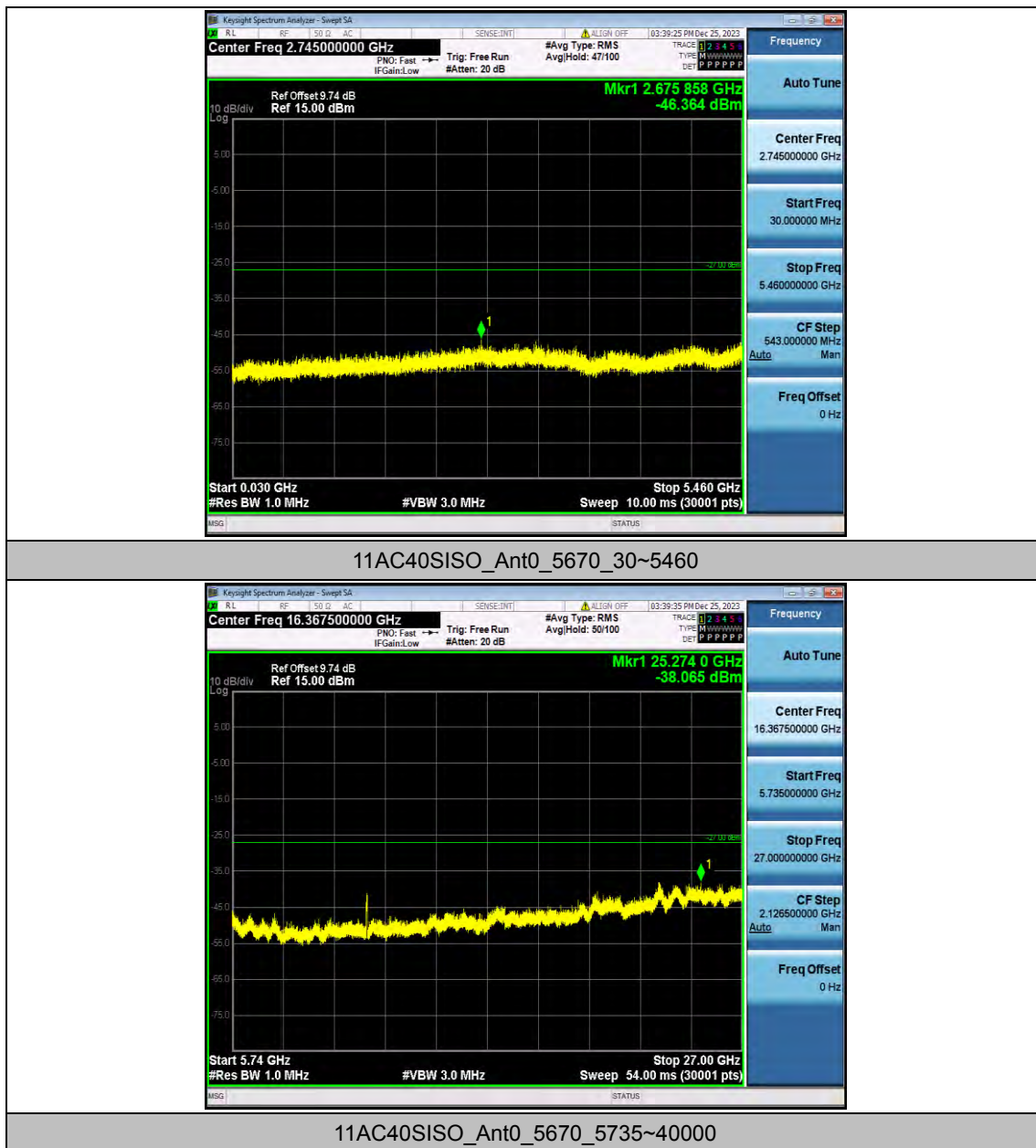
11AC40SISO_Ant0_5510_5735~40000



11AC40SISO_Ant0_5590_30~5460

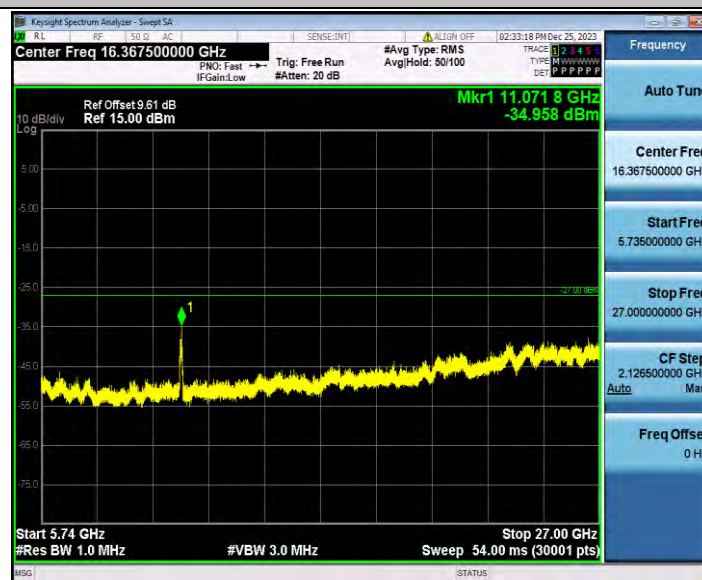


11AC40SISO_Ant0_5590_5735~40000





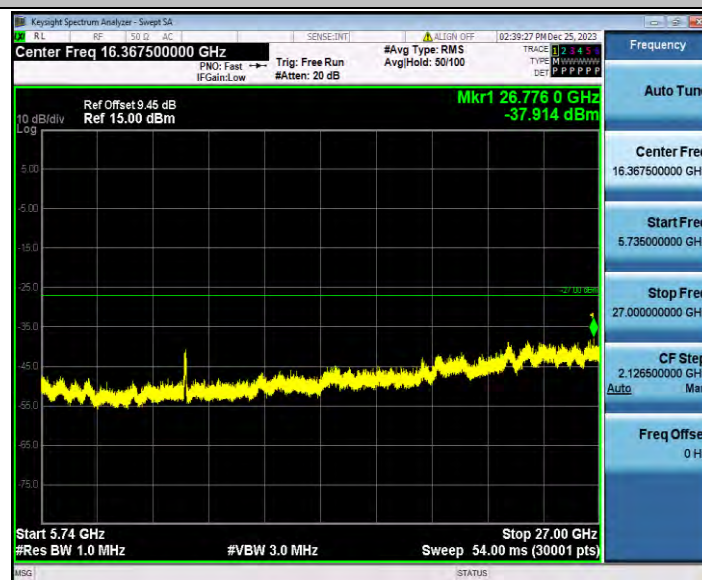
11AC80SISO_Ant0_5530_30~5460



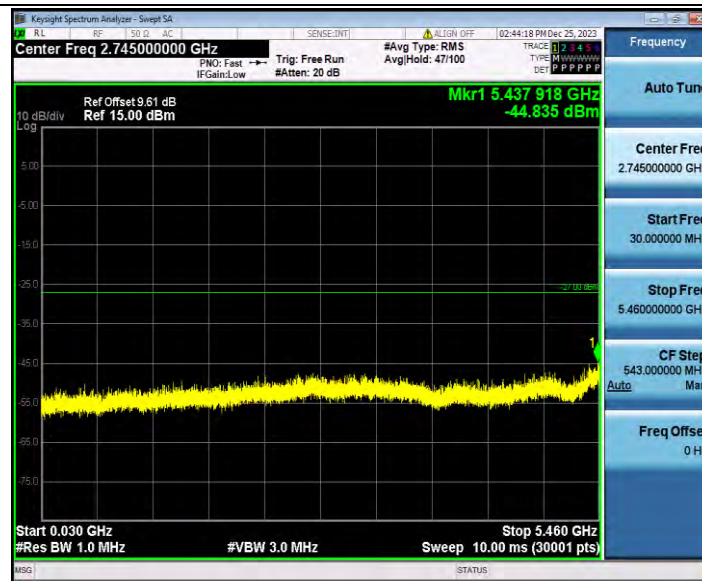
11AC80SISO_Ant0_5530_5735~40000



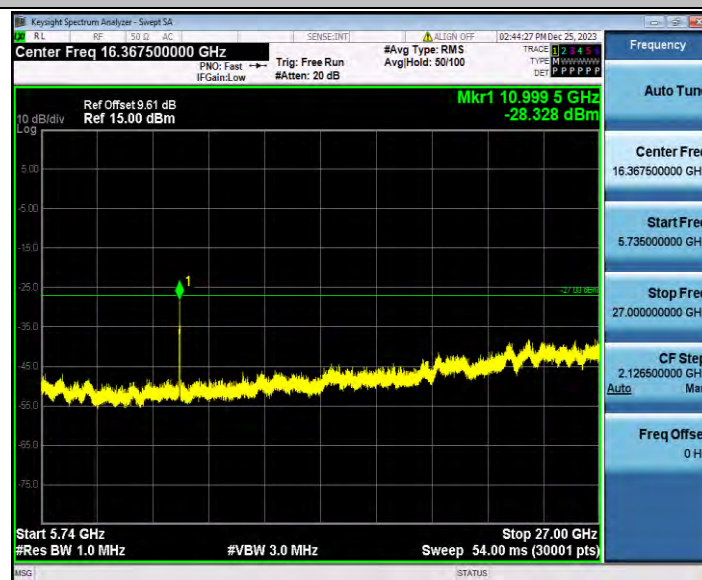
11AC80SISO_Ant0_5610_30~5460



11AC80SISO_Ant0_5610_5735~40000



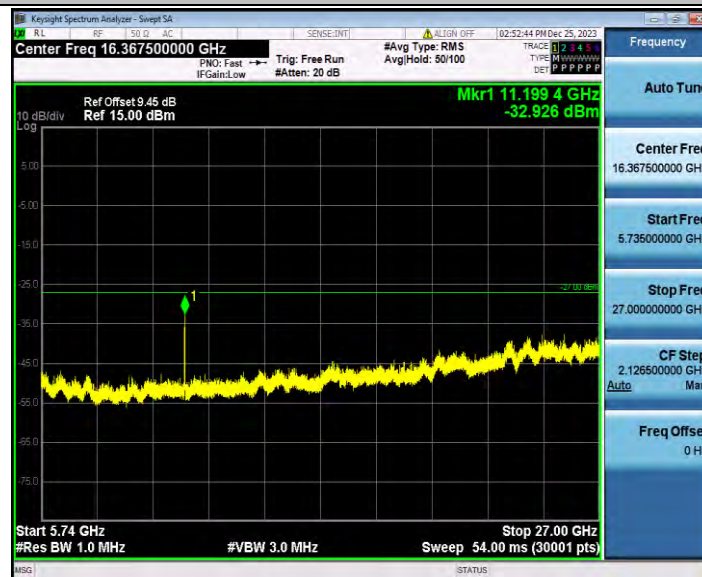
11AX20SISO_Ant0_5500_30~5460



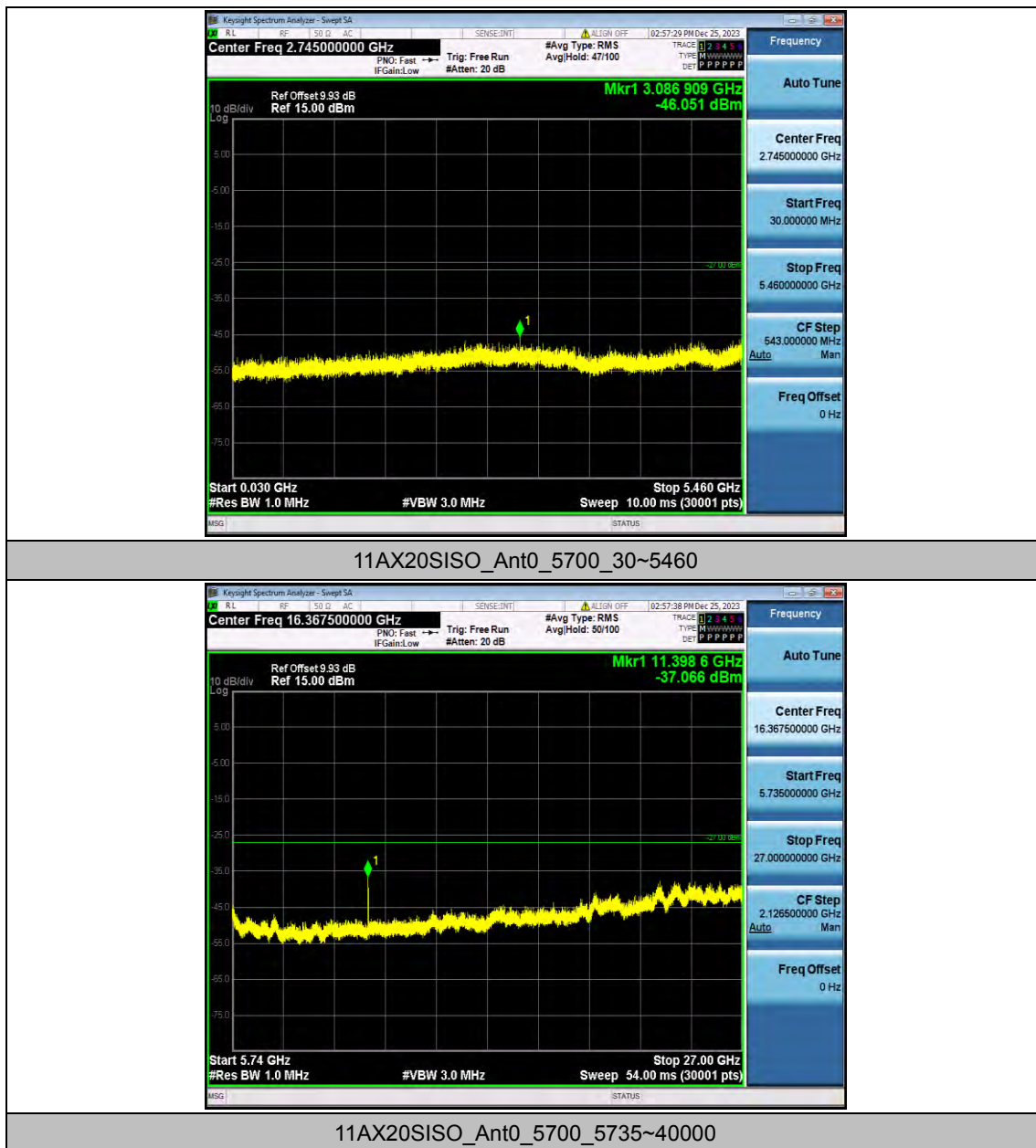
11AX20SISO_Ant0_5500_5735~40000



11AX20SISO_Ant0_5600_30~5460

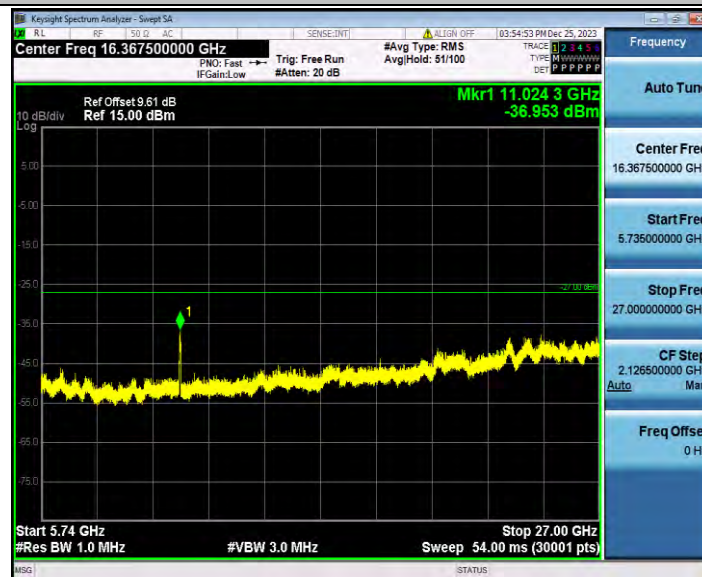


11AX20SISO_Ant0_5600_5735~40000





11AX40SISO_Ant0_5510_30~5460



11AX40SISO_Ant0_5510_5735~40000

