

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	8.36	68.81	1.62	9.98	≤23.98	PASS
		5600	5.95	68.81	1.62	7.57	≤23.98	PASS
		5700	6.12	68.81	1.62	7.74	≤23.98	PASS
11N20SISO	Ant0	5500	7.10	67.36	1.72	8.82	≤23.98	PASS
		5600	4.61	66.67	1.76	6.37	≤23.98	PASS
		5700	6.55	67.01	1.74	8.29	≤23.98	PASS
11N40SISO	Ant0	5510	6.06	50.78	2.94	9.00	≤23.98	PASS
		5590	4.93	50.78	2.94	7.87	≤23.98	PASS
		5670	4.42	50.39	2.98	7.40	≤23.98	PASS
11AC20SISO	Ant0	5500	9.28	67.35	1.72	11.00	≤23.98	PASS
		5600	6.52	66.84	1.75	8.27	≤23.98	PASS
		5700	6.81	66.67	1.76	8.57	≤23.98	PASS
11AC40SISO	Ant0	5510	6.13	50.78	2.94	9.07	≤23.98	PASS
		5590	4.02	50.39	2.98	7.00	≤23.98	PASS
		5670	4.51	50.39	2.98	7.49	≤23.98	PASS
11AC80SISO	Ant0	5530	3.58	33.68	4.73	8.31	≤23.98	PASS
		5610	3.76	33.33	4.77	8.53	≤23.98	PASS
11AX20SISO	Ant0	5500	8.27	66.84	1.75	10.02	≤23.98	PASS
		5600	6.68	67.35	1.72	8.40	≤23.98	PASS
		5700	6.64	66.84	1.75	8.39	≤23.98	PASS
11AX40SISO	Ant0	5510	5.87	50.39	2.98	8.85	≤23.98	PASS
		5590	4.04	50.78	2.94	6.98	≤23.98	PASS
		5670	5.98	50.78	2.94	8.92	≤23.98	PASS
11AX80SISO	Ant0	5530	6.54	34.38	4.64	11.18	≤23.98	PASS
		5610	5.00	33.33	4.77	9.77	≤23.98	PASS

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

Appendix E.5: Maximum power spectral density

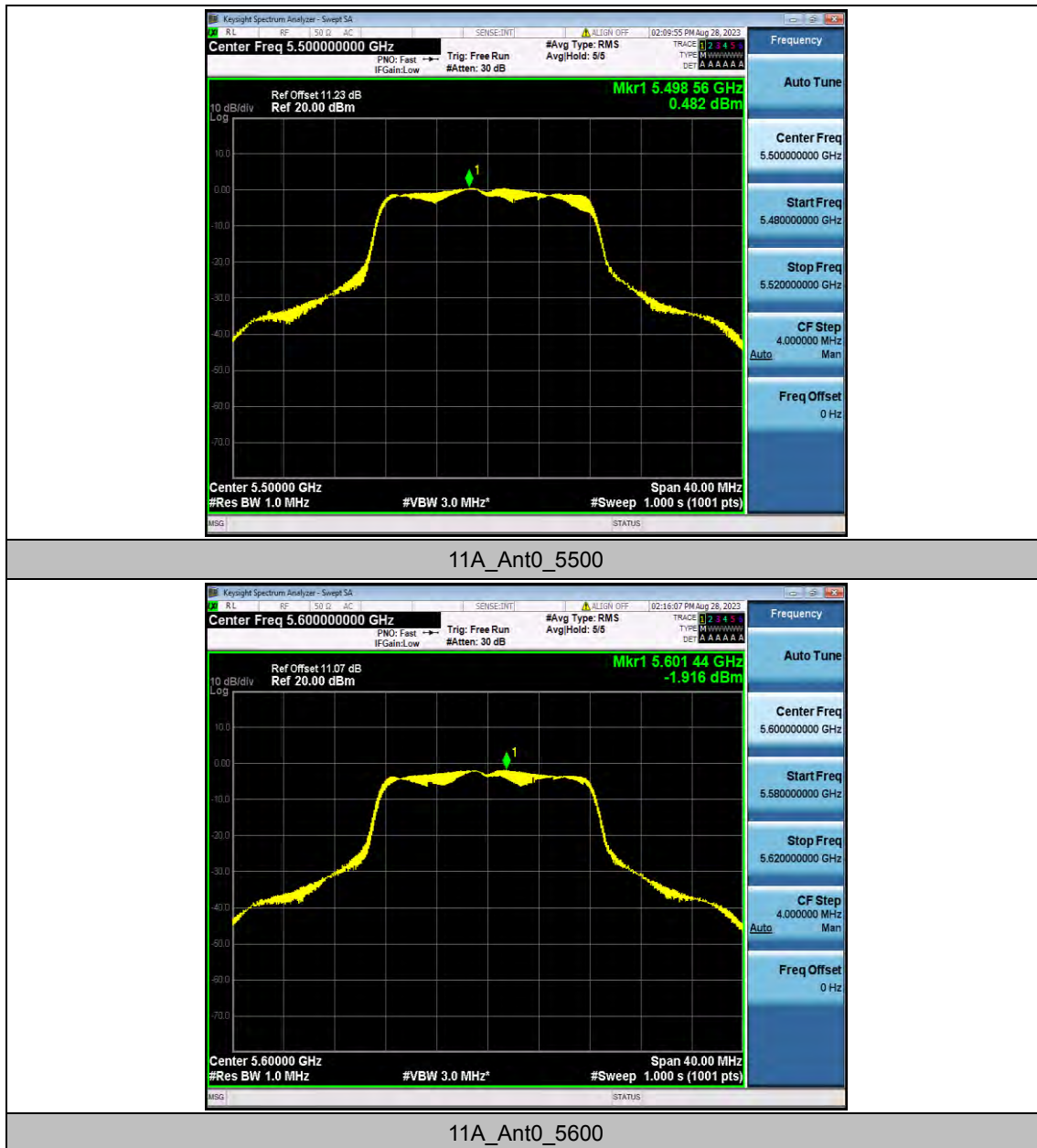
Test Result

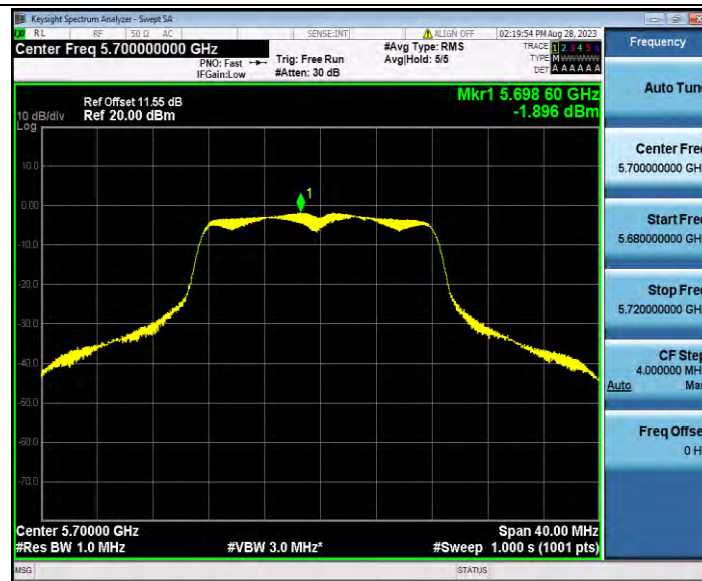
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	0.48	≤11.00	PASS
		5600	-1.92	≤11.00	PASS
		5700	-1.9	≤11.00	PASS
11N20SISO	Ant0	5500	-0.94	≤11.00	PASS
		5600	-3.25	≤11.00	PASS
		5700	-1.17	≤11.00	PASS
11N40SISO	Ant0	5510	-2.63	≤11.00	PASS
		5590	-5.19	≤11.00	PASS
		5670	-4.84	≤11.00	PASS
11AC20SISO	Ant0	5500	0.89	≤11.00	PASS
		5600	-1.36	≤11.00	PASS
		5700	-1.15	≤11.00	PASS
11AC40SISO	Ant0	5510	-2.9	≤11.00	PASS
		5590	-4.86	≤11.00	PASS
		5670	-3.77	≤11.00	PASS
11AC80SISO	Ant0	5530	-6.6	≤11.00	PASS
		5610	-8.83	≤11.00	PASS
11AX20SISO	Ant0	5500	0.96	≤11.00	PASS
		5600	-1.21	≤11.00	PASS
		5700	-0.92	≤11.00	PASS
11AX40SISO	Ant0	5510	-2.6	≤11.00	PASS
		5590	-5.08	≤11.00	PASS
		5670	-2.84	≤11.00	PASS
11AX80SISO	Ant0	5530	-2.77	≤11.00	PASS
		5610	-4.91	≤11.00	PASS

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

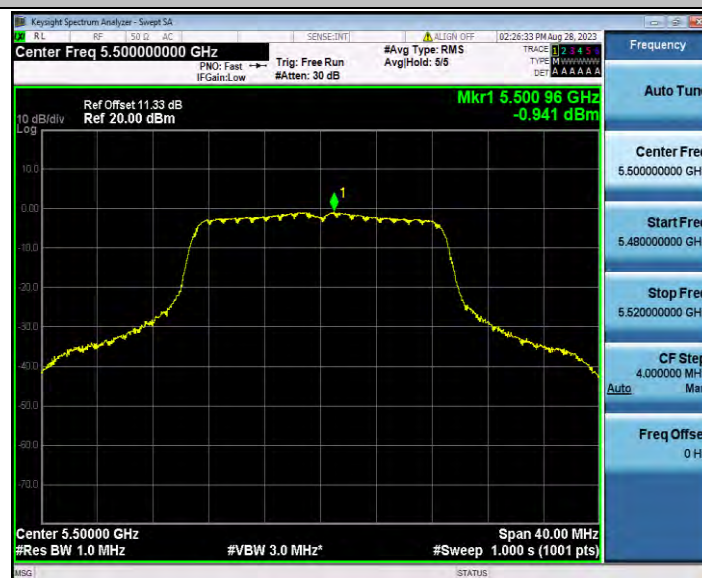
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

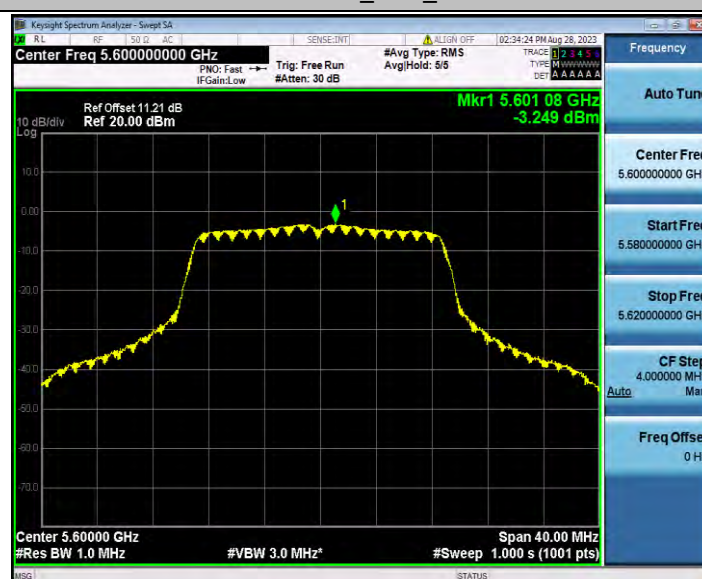




11A_Ant0_5700



11N20SISO_Ant0_5500



11N20SISO_Ant0_5600



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5600



11AC20SISO_Ant0_5700



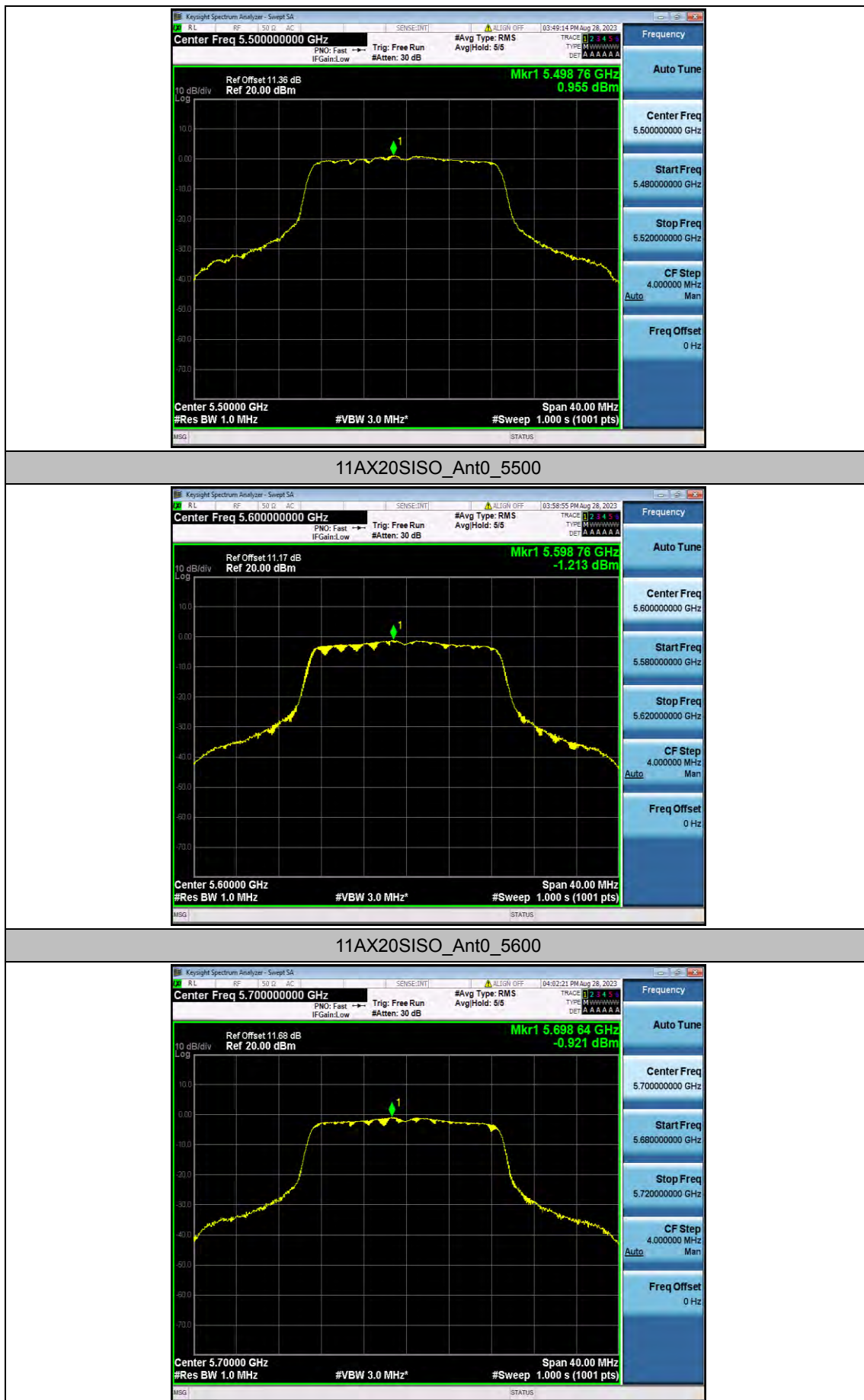
11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



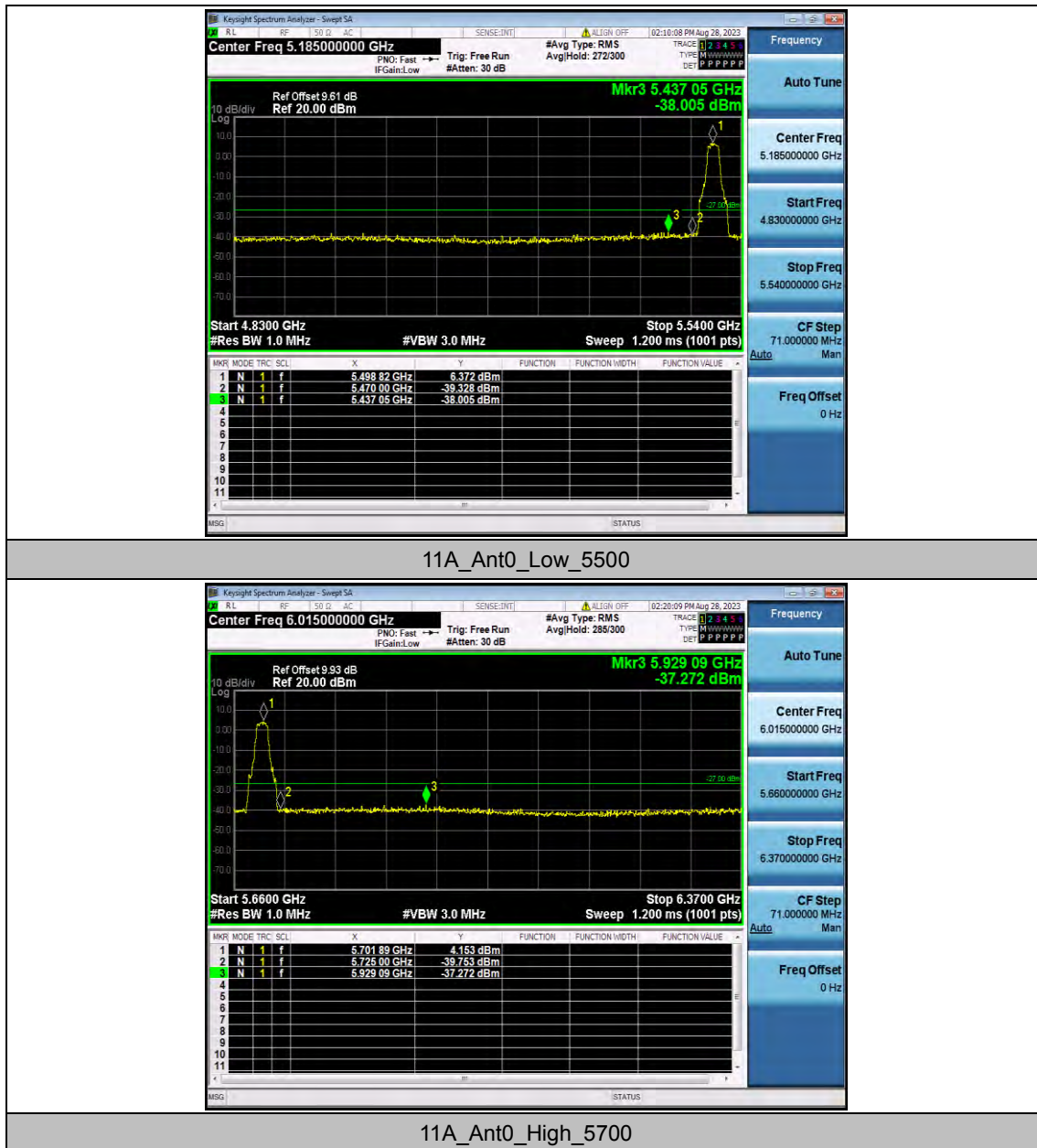
11AX80SISO_Ant0_5610

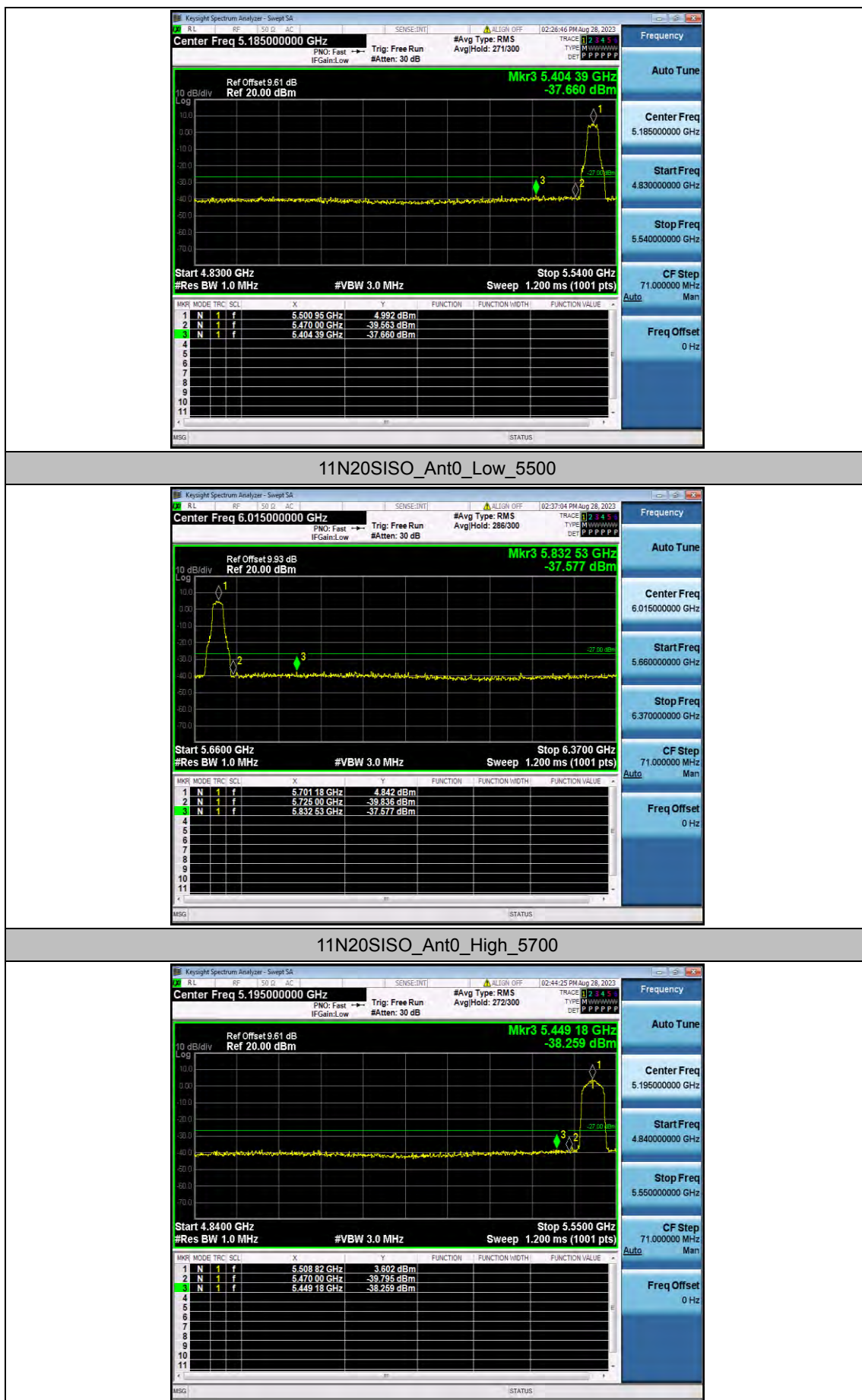
Appendix E.6: Band edge measurements

Test Result B3

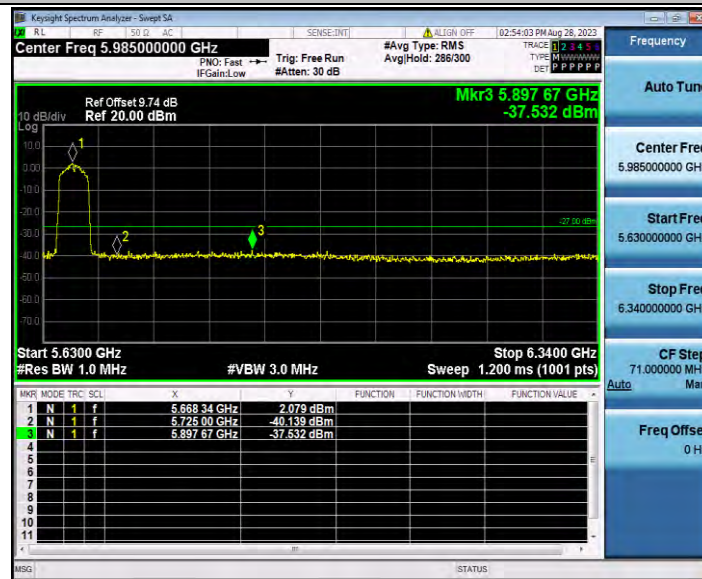
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-38.01	≤ -27	PASS
		High	5700	-37.27	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-37.66	≤ -27	PASS
		High	5700	-37.58	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-38.26	≤ -27	PASS
		High	5670	-37.53	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-37.64	≤ -27	PASS
		High	5700	-36.28	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-37.14	≤ -27	PASS
		High	5670	-37.76	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-36.94	≤ -27	PASS
		High	5610	-37.66	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-37.19	≤ -27	PASS
		High	5700	-36.99	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-37.52	≤ -27	PASS
		High	5670	-37.69	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-34.14	≤ -27	PASS
		High	5610	-38.27	≤ -27	PASS

Test Graphs B3

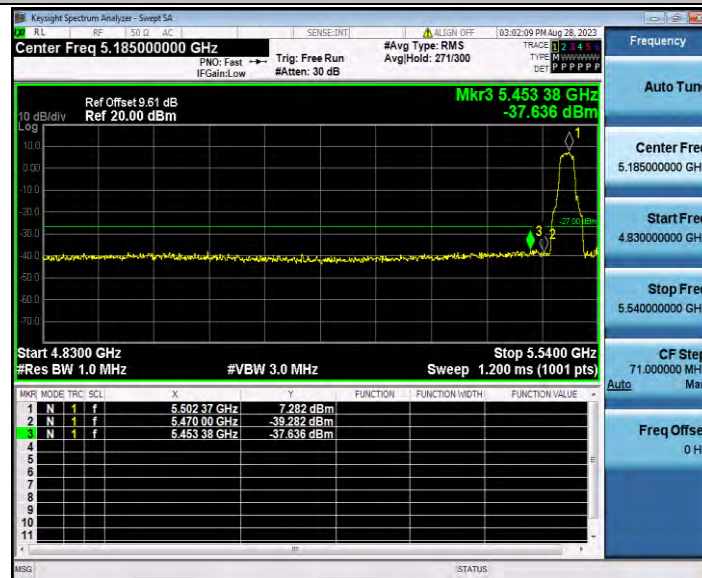




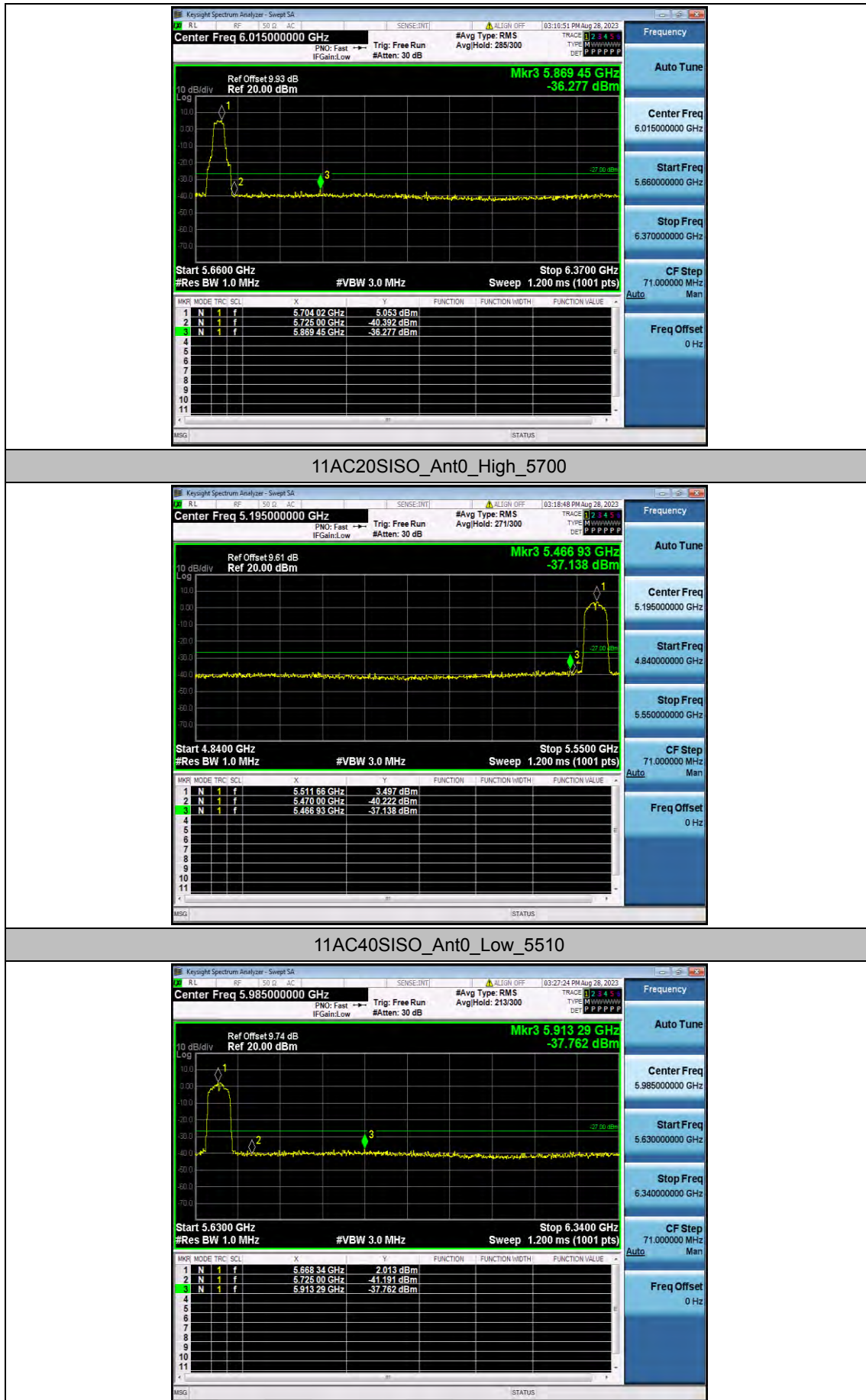
11N40SISO_Ant0_Low_5510



11N40SISO_Ant0_High_5670



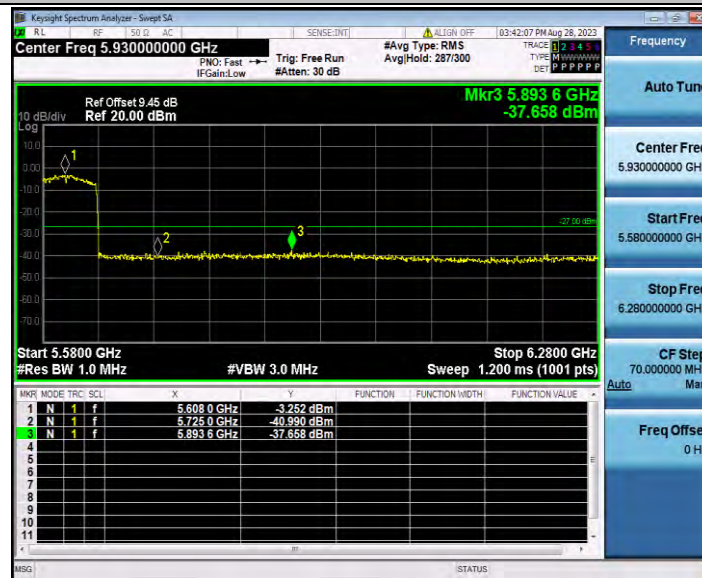
11AC20SISO_Ant0_Low_5500



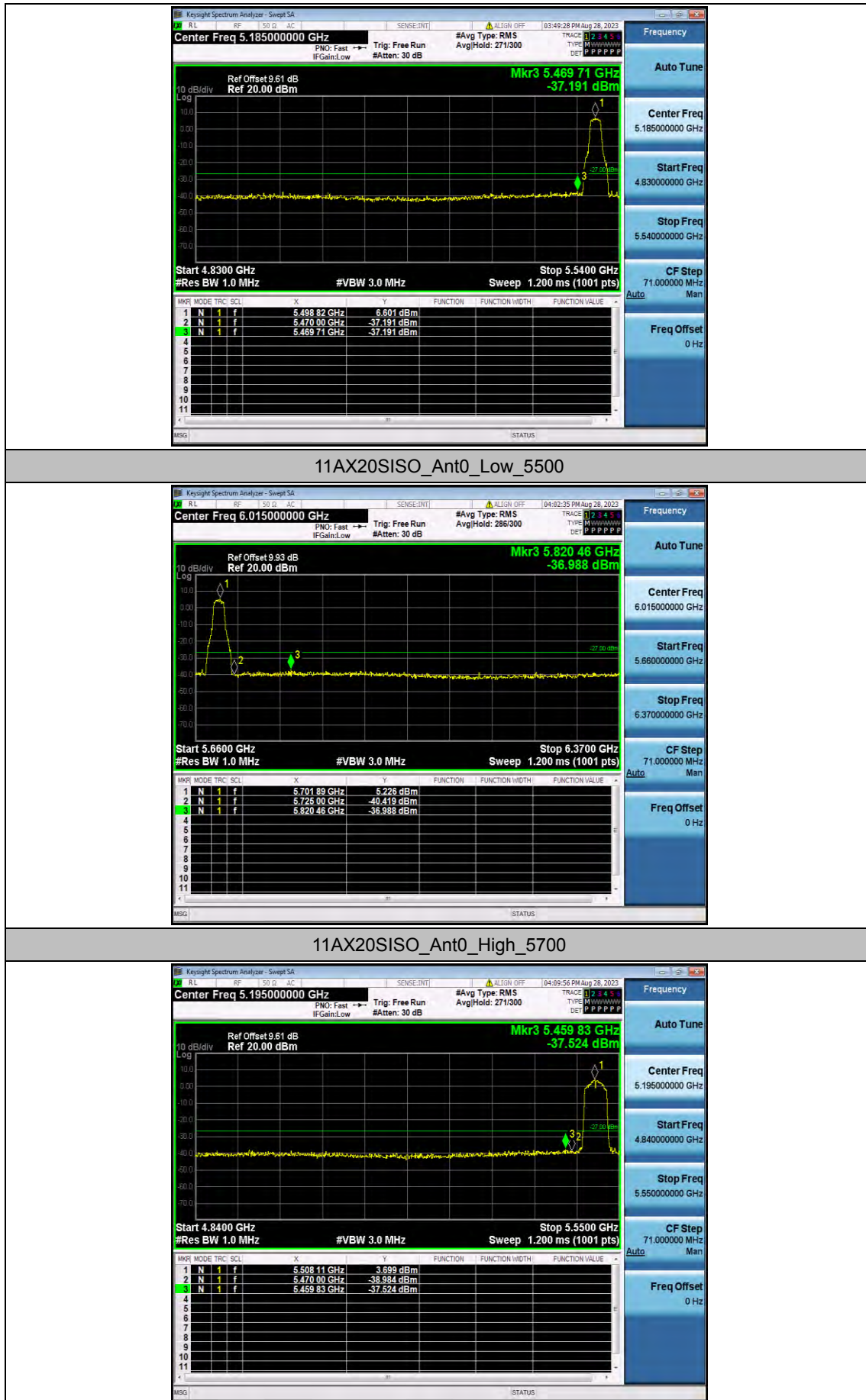
11AC40SISO_Ant0_High_5670



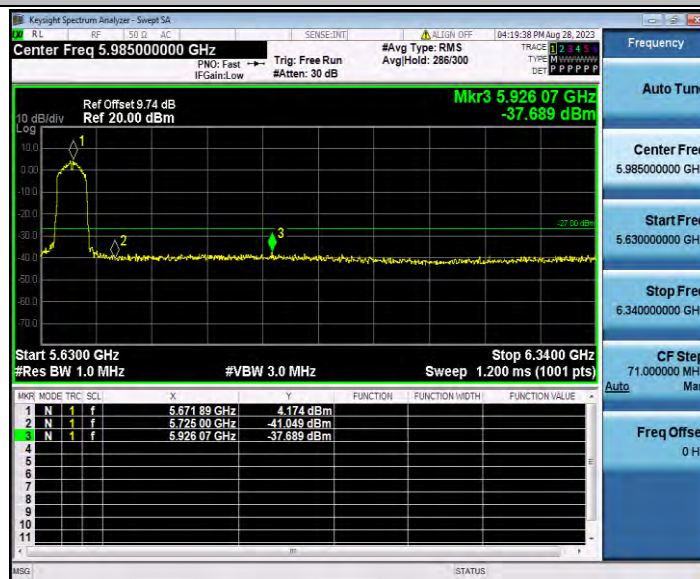
11AC80SISO_Ant0_Low_5530



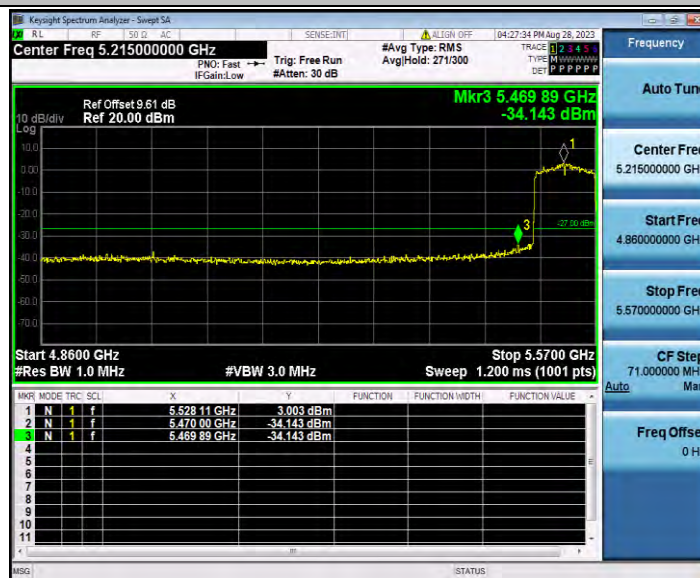
11AC80SISO_Ant0_High_5610



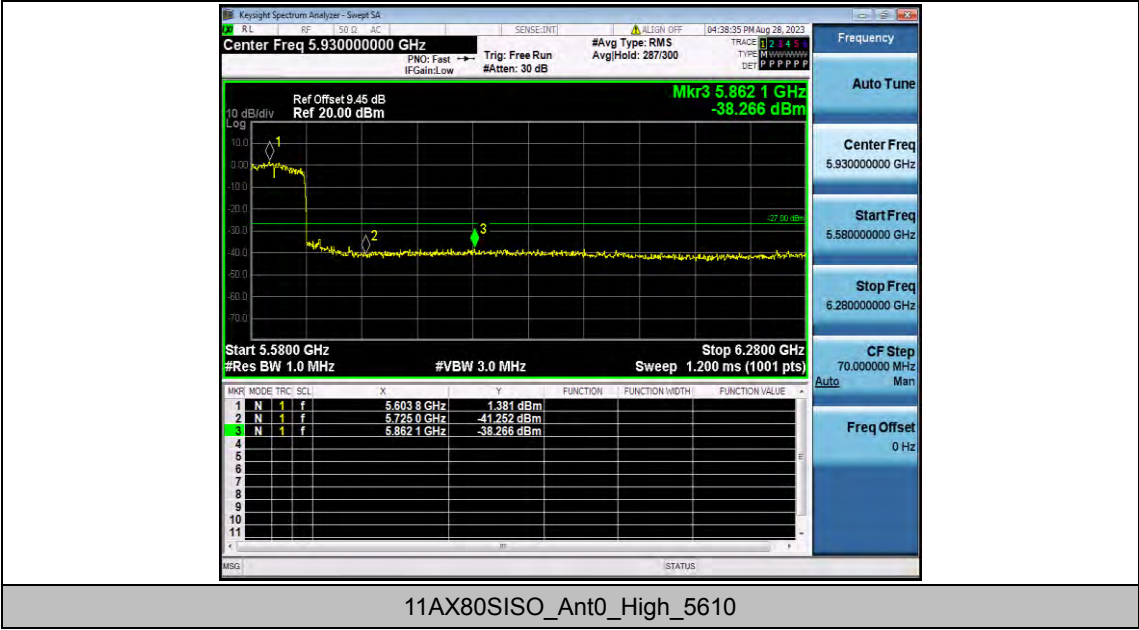
11AX40SISO_Ant0_Low_5510



11AX40SISO_Ant0_High_5670



11AX80SISO_Ant0_Low_5530



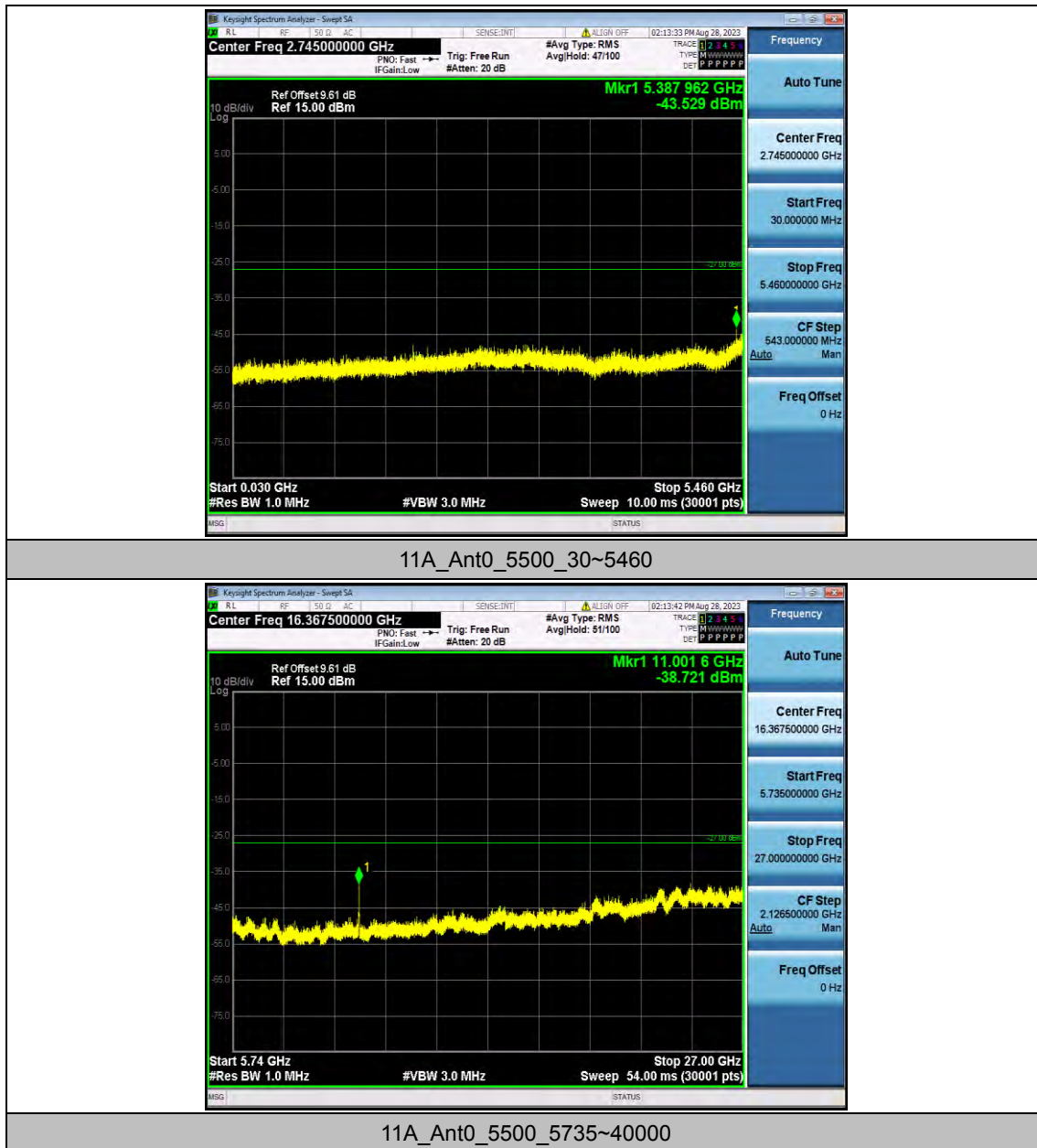
Appendix E.7: Conducted Spurious Emission

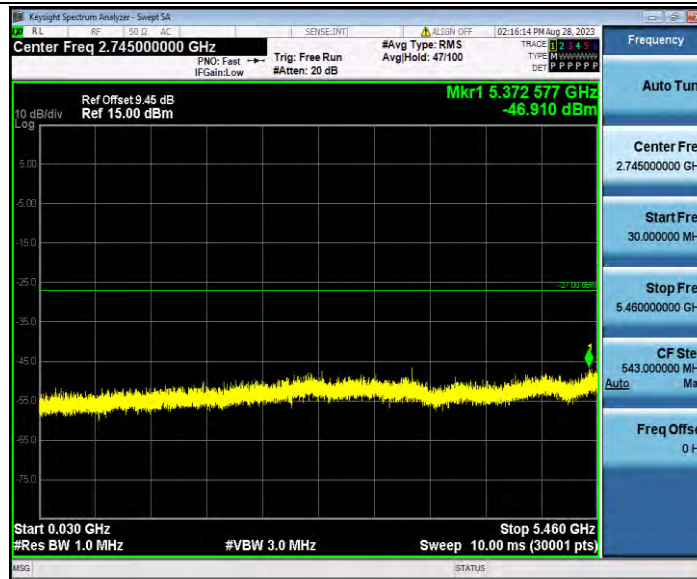
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5387.96	-43.53	≤-27	PASS
			5735~40000	11001.63	-38.72	≤-27	PASS
		5600	30~5460	5372.58	-46.91	≤-27	PASS
			5735~40000	24240.51	-37.78	≤-27	PASS
		5700	30~5460	5437.74	-46.11	≤-27	PASS
			5735~40000	24254.69	-37.54	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5437.74	-43.84	≤-27	PASS
			5735~40000	26072.14	-38.43	≤-27	PASS
		5600	30~5460	5445.88	-46.62	≤-27	PASS
			5735~40000	24258.23	-38.57	≤-27	PASS
		5700	30~5460	5459.46	-46.65	≤-27	PASS
			5735~40000	11397.87	-36	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5450.05	-42.87	≤-27	PASS
			5735~40000	24278.79	-37.93	≤-27	PASS
		5590	30~5460	5458.01	-46.96	≤-27	PASS
			5735~40000	24267.45	-37.93	≤-27	PASS
		5670	30~5460	4912.29	-46.85	≤-27	PASS
			5735~40000	26515.16	-37.82	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5456.56	-43.33	≤-27	PASS
			5735~40000	10996.67	-37.48	≤-27	PASS
		5600	30~5460	5355.38	-46.42	≤-27	PASS
			5735~40000	26831.3	-37.72	≤-27	PASS
		5700	30~5460	1739	-37.97	≤-27	PASS
			5735~40000	26642.75	-36.89	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5458.37	-44.13	≤-27	PASS
			5735~40000	26021.1	-37.86	≤-27	PASS
		5590	30~5460	5404.8	-46.52	≤-27	PASS
			5735~40000	26571.16	-38.17	≤-27	PASS
		5670	30~5460	1737.01	-44.11	≤-27	PASS
			5735~40000	24303.6	-37.65	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5458.01	-44.76	≤-27	PASS
			5735~40000	24228.46	-37.48	≤-27	PASS
		5610	30~5460	5437.56	-46.95	≤-27	PASS
			5735~40000	24292.26	-37.22	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5455.66	-44.09	≤-27	PASS

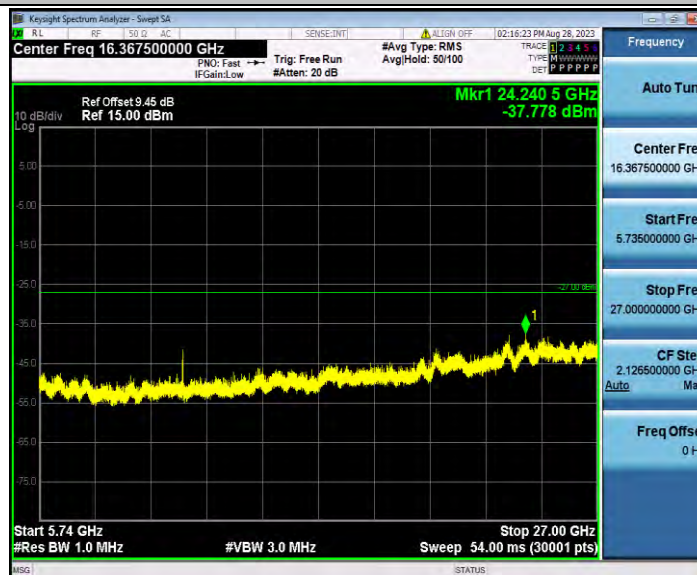
			5735~40000	10996.67	-37.47	≤ -27	PASS
		5600	30~5460	5430.68	-46	≤ -27	PASS
			5735~40000	26050.16	-37.91	≤ -27	PASS
		5700	30~5460	5441.36	-45.81	≤ -27	PASS
			5735~40000	11405.67	-37.21	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5439.37	-44.65	≤ -27	PASS
			5735~40000	26578.95	-37.49	≤ -27	PASS
		5590	30~5460	5451.31	-46.2	≤ -27	PASS
			5735~40000	23529.55	-38.01	≤ -27	PASS
		5670	30~5460	4976.55	-46.54	≤ -27	PASS
			5735~40000	25997	-37.61	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5446.97	-41.87	≤ -27	PASS
			5735~40000	24337.62	-37.48	≤ -27	PASS
		5610	30~5460	5413.66	-46.45	≤ -27	PASS
			5735~40000	26977.32	-37.96	≤ -27	PASS

Test Graphs





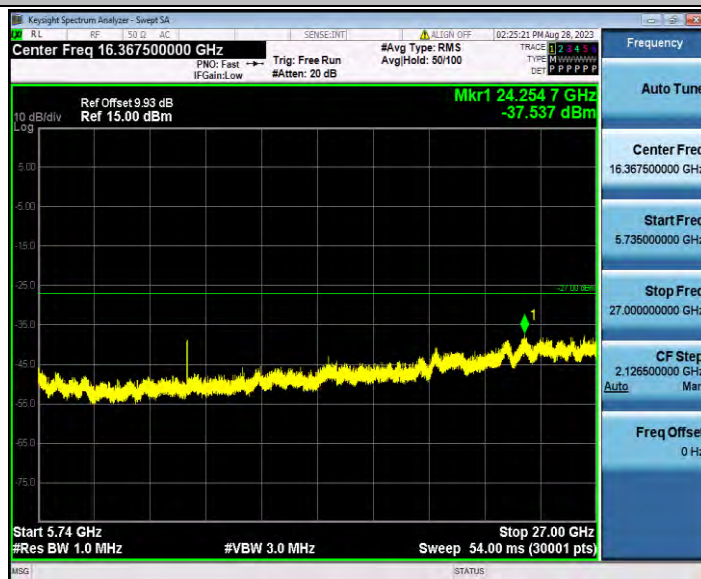
11A_Ant0_5600_30~5460



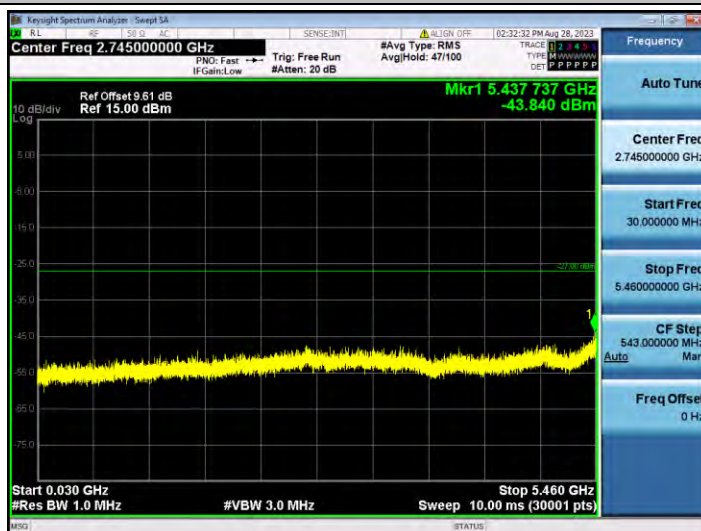
11A_Ant0_5600_5735~40000



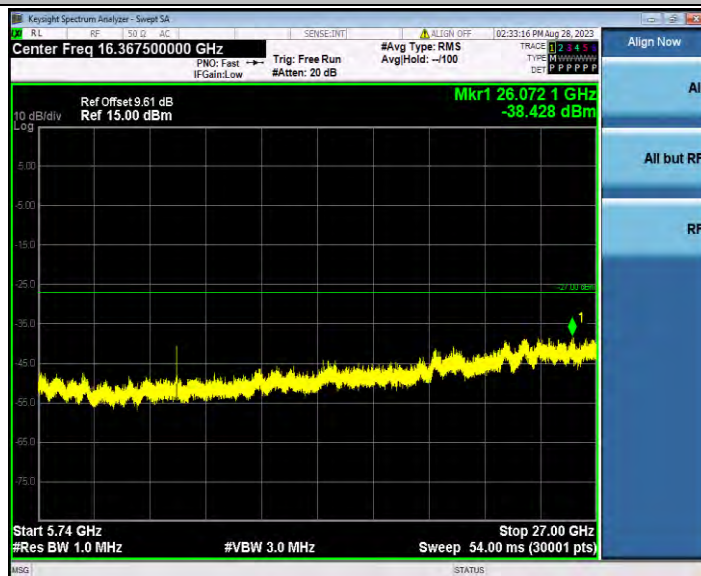
11A_Ant0_5700_30~5460



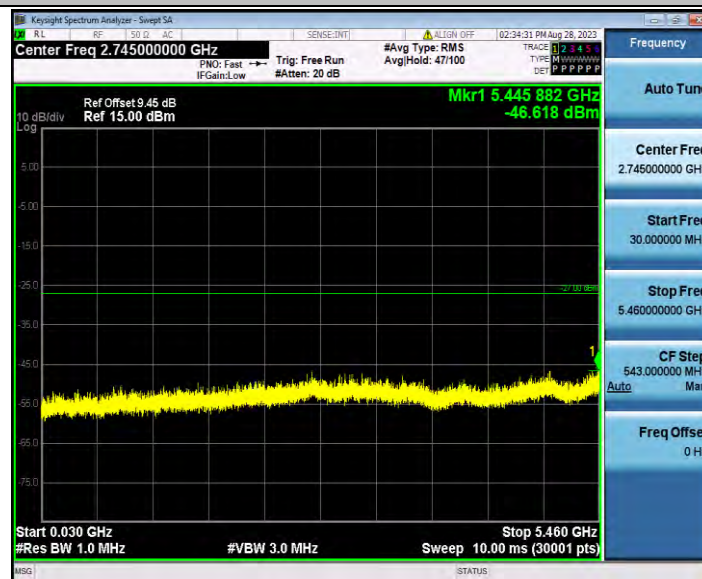
11A_Ant0_5700_5735~40000



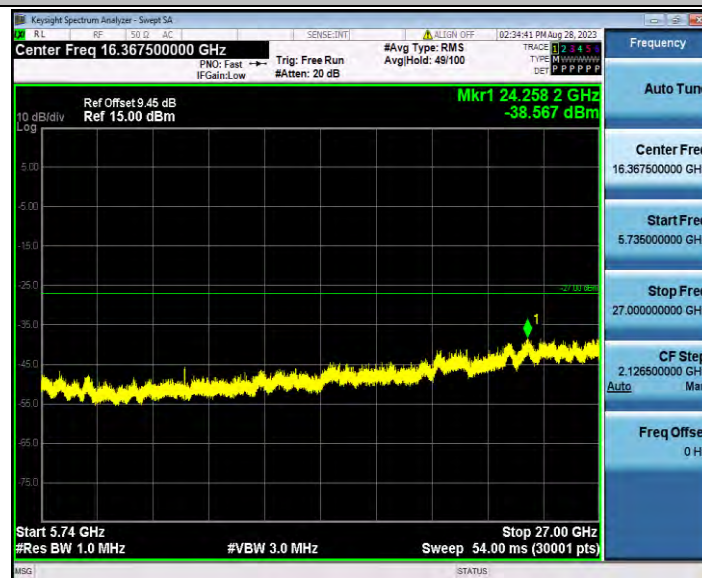
11N20SISO_Ant0_5500_30~5460



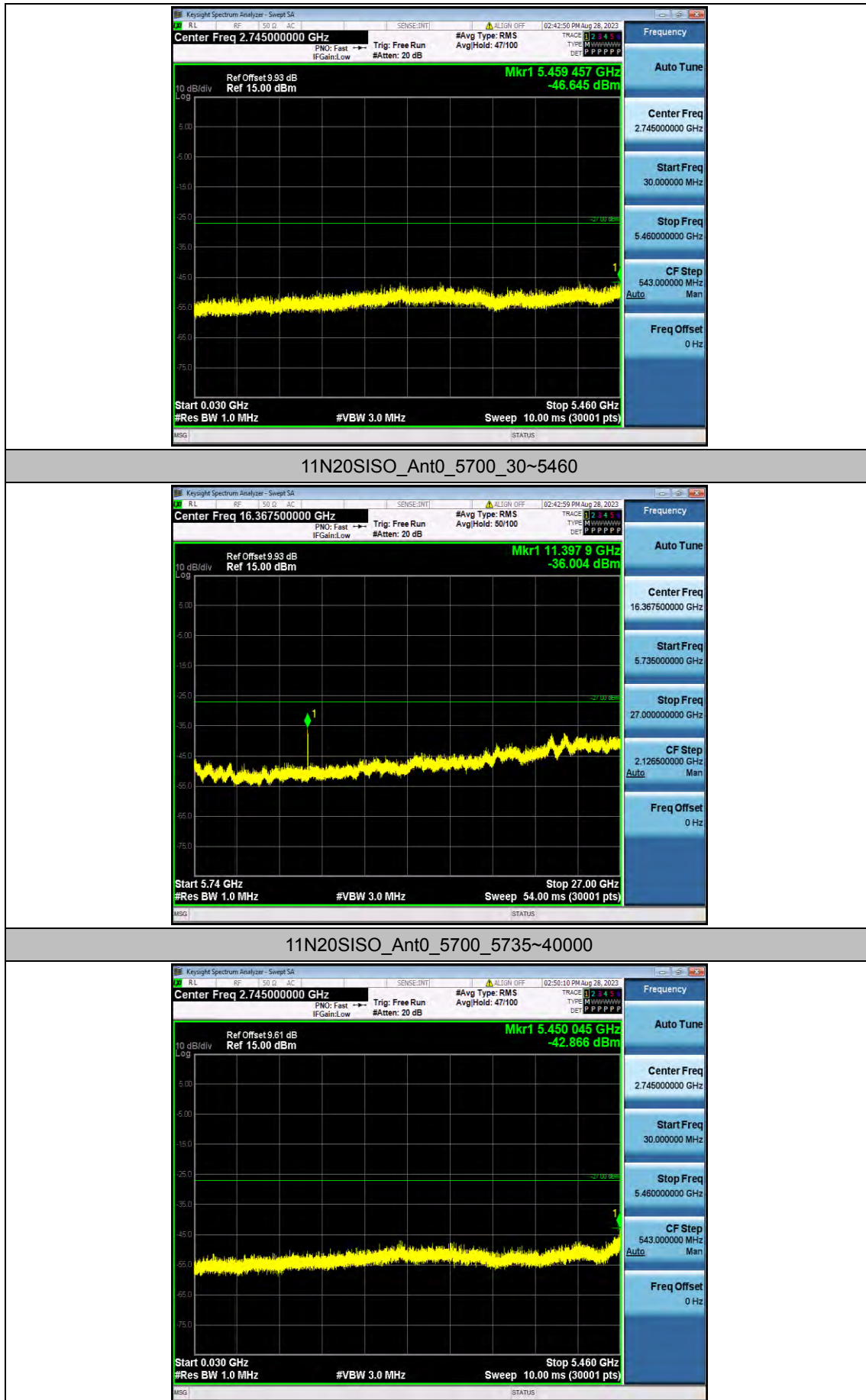
11N20SISO_Ant0_5500_5735~40000



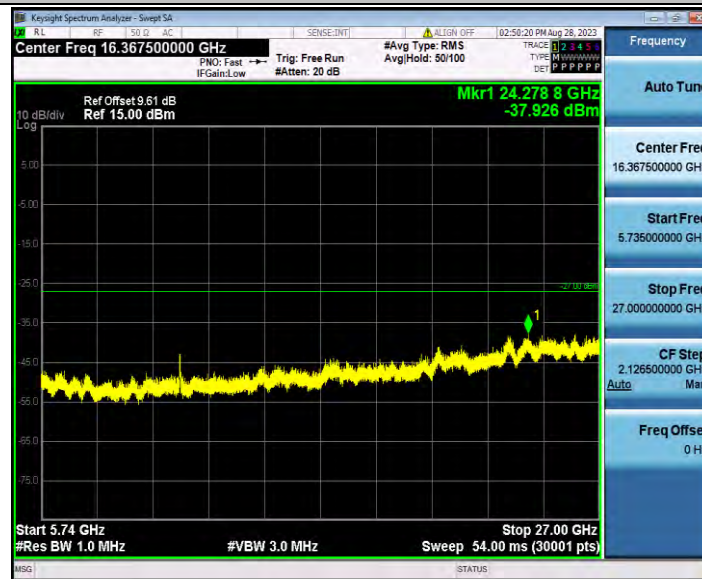
11N20SISO_Ant0_5600_30~5460



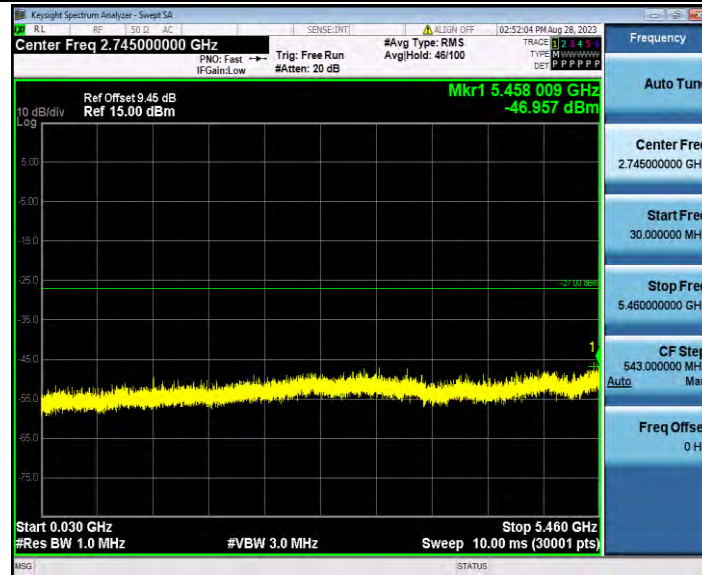
11N20SISO_Ant0_5600_5735~40000



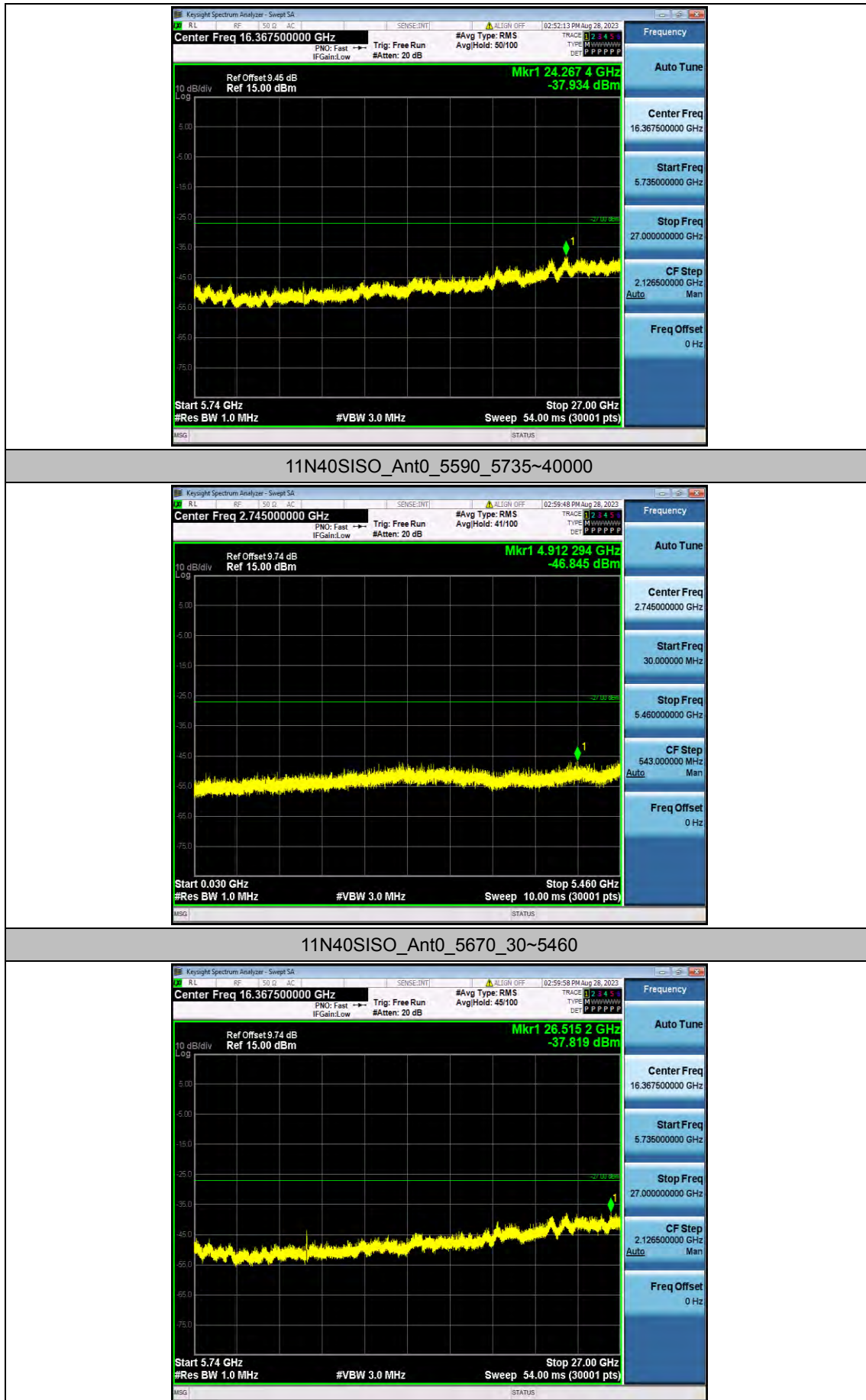
11N40SISO_Ant0_5510_30~5460



11N40SISO_Ant0_5510_5735~40000



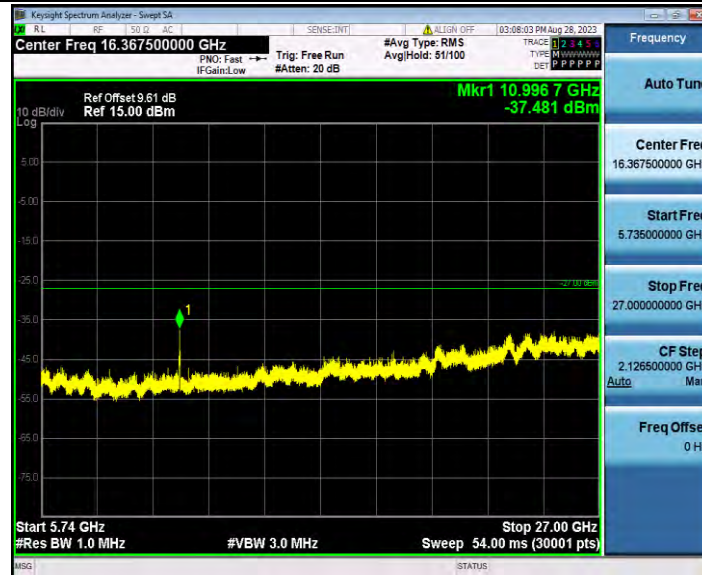
11N40SISO_Ant0_5590_30~5460



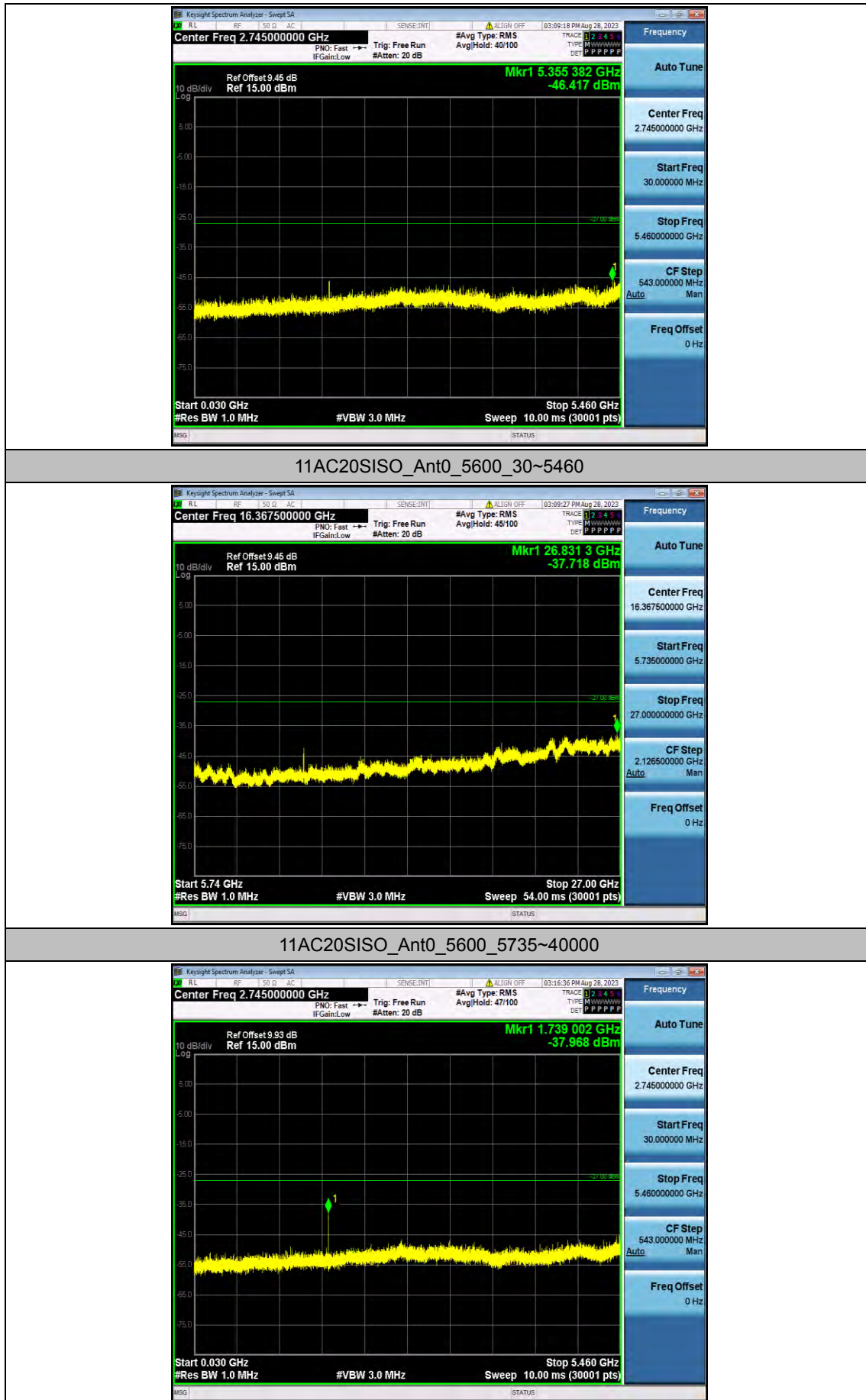
11N40SISO_Ant0_5670_5735~40000



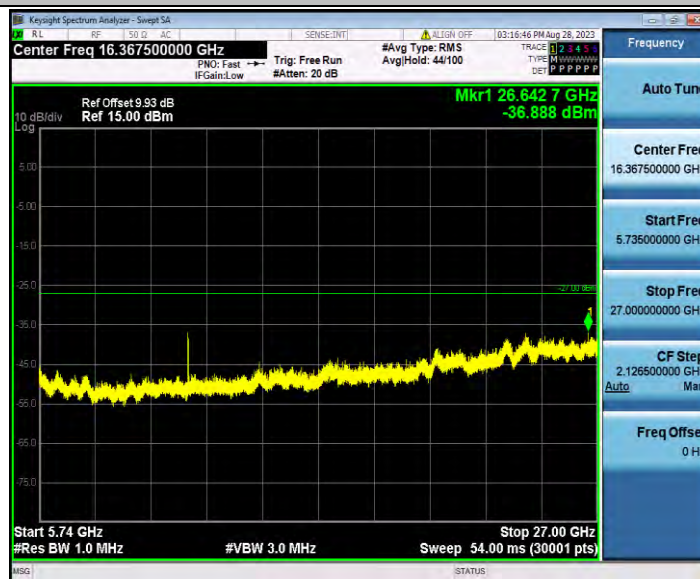
11AC20SISO_Ant0_5500_30~5460



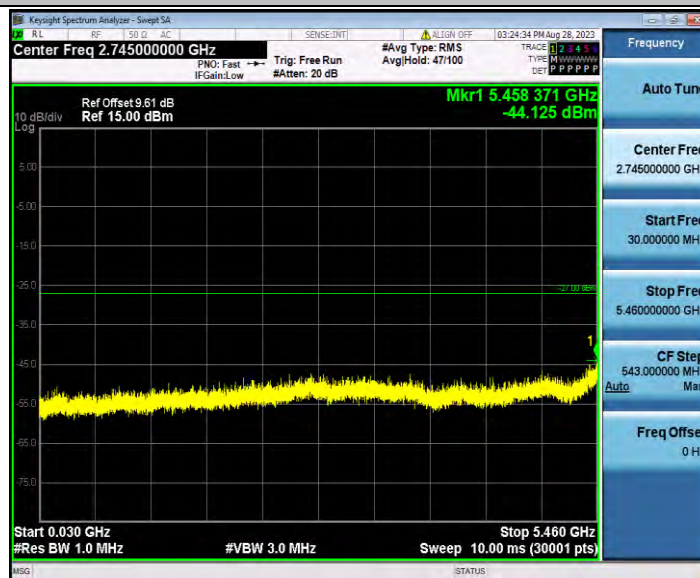
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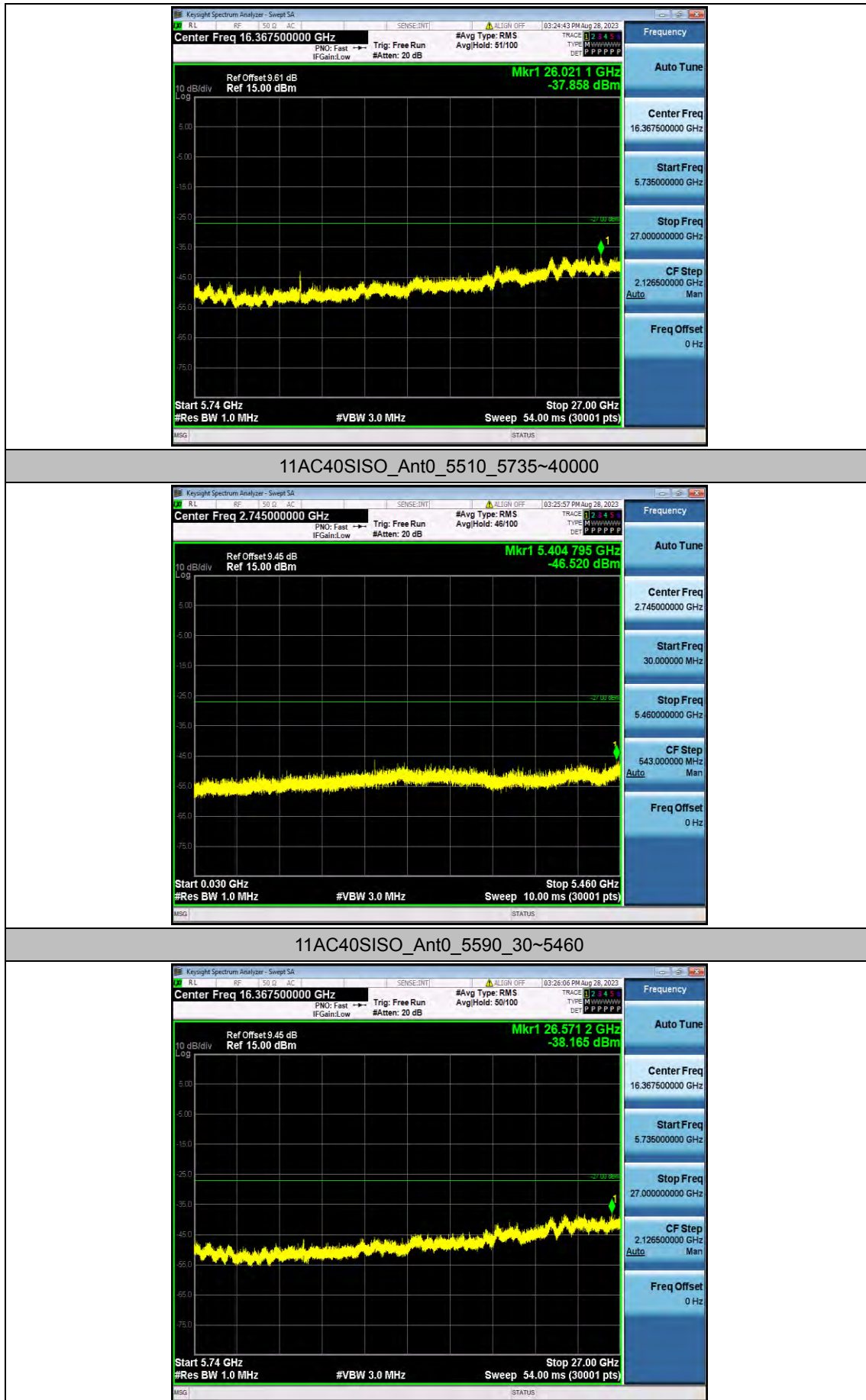
11AC20SISO_Ant0_5700_30~5460



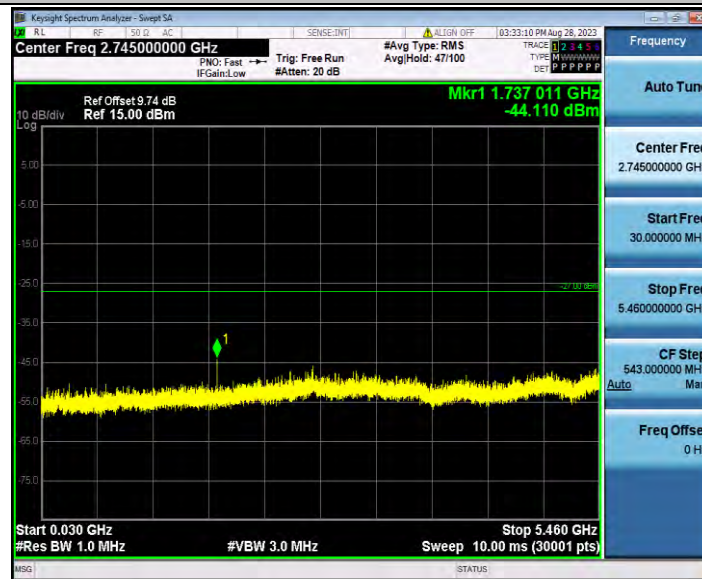
11AC20SISO_Ant0_5700_5735~40000



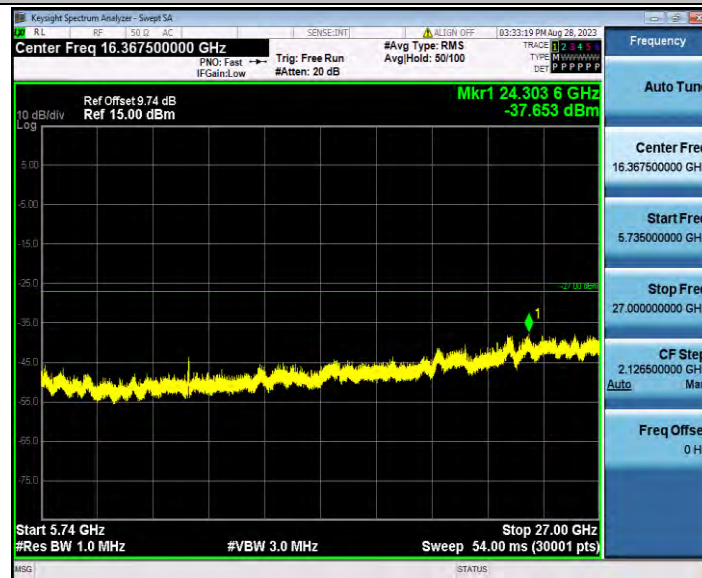
11AC40SISO_Ant0_5510_30~5460



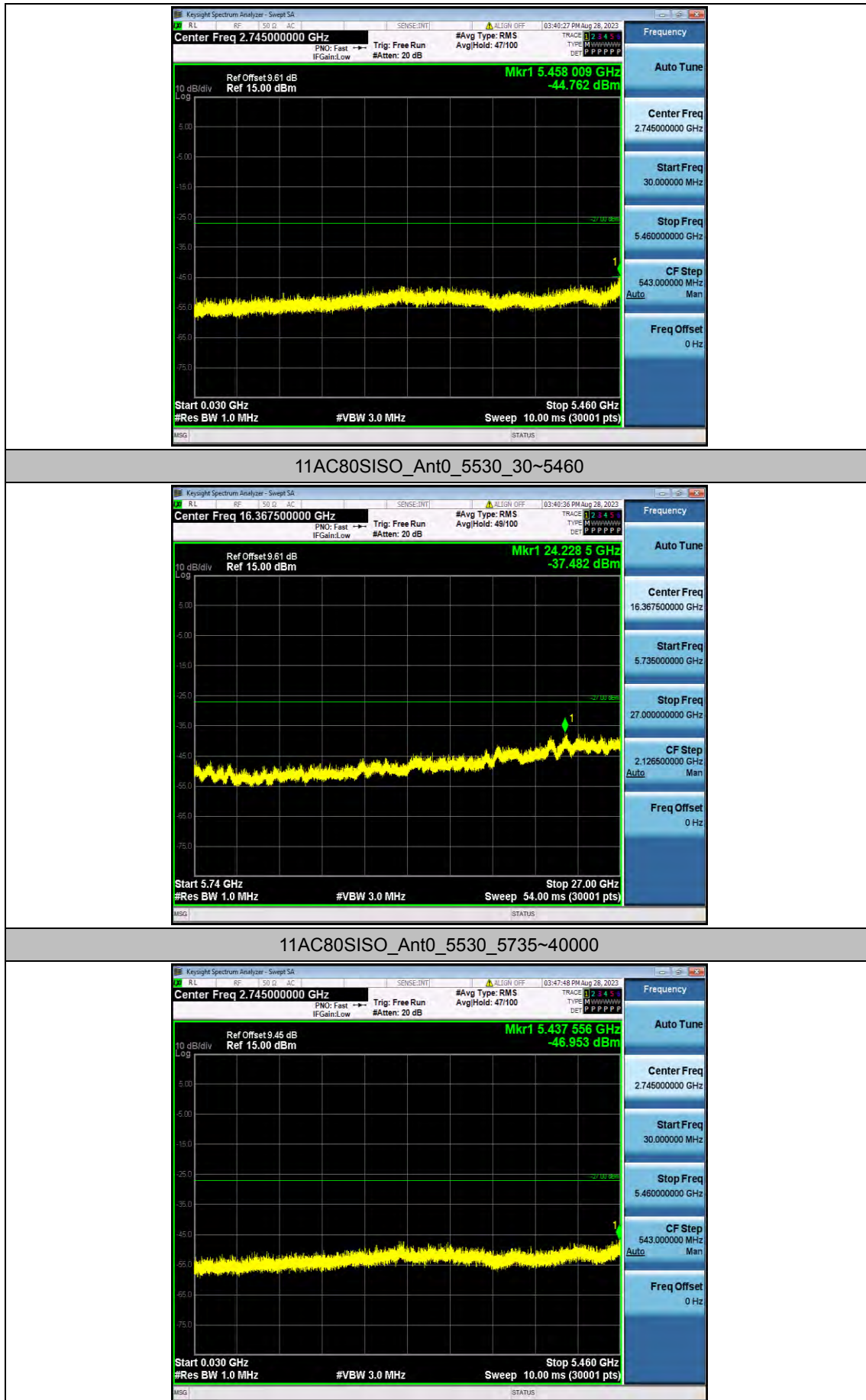
11AC40SISO_Ant0_5590_5735~40000



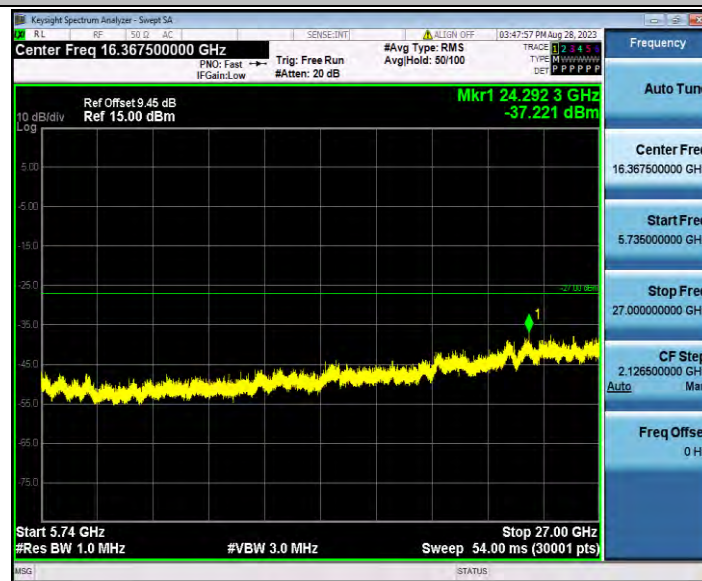
11AC40SISO_Ant0_5670_30~5460



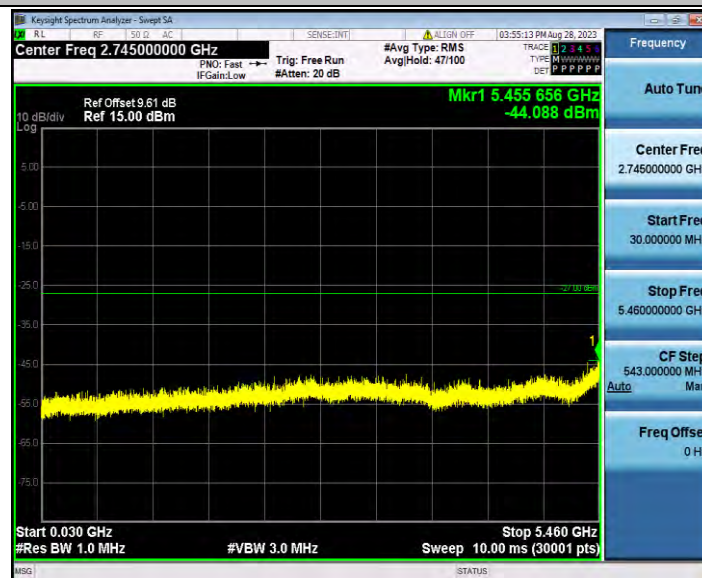
11AC40SISO_Ant0_5670_5735~40000



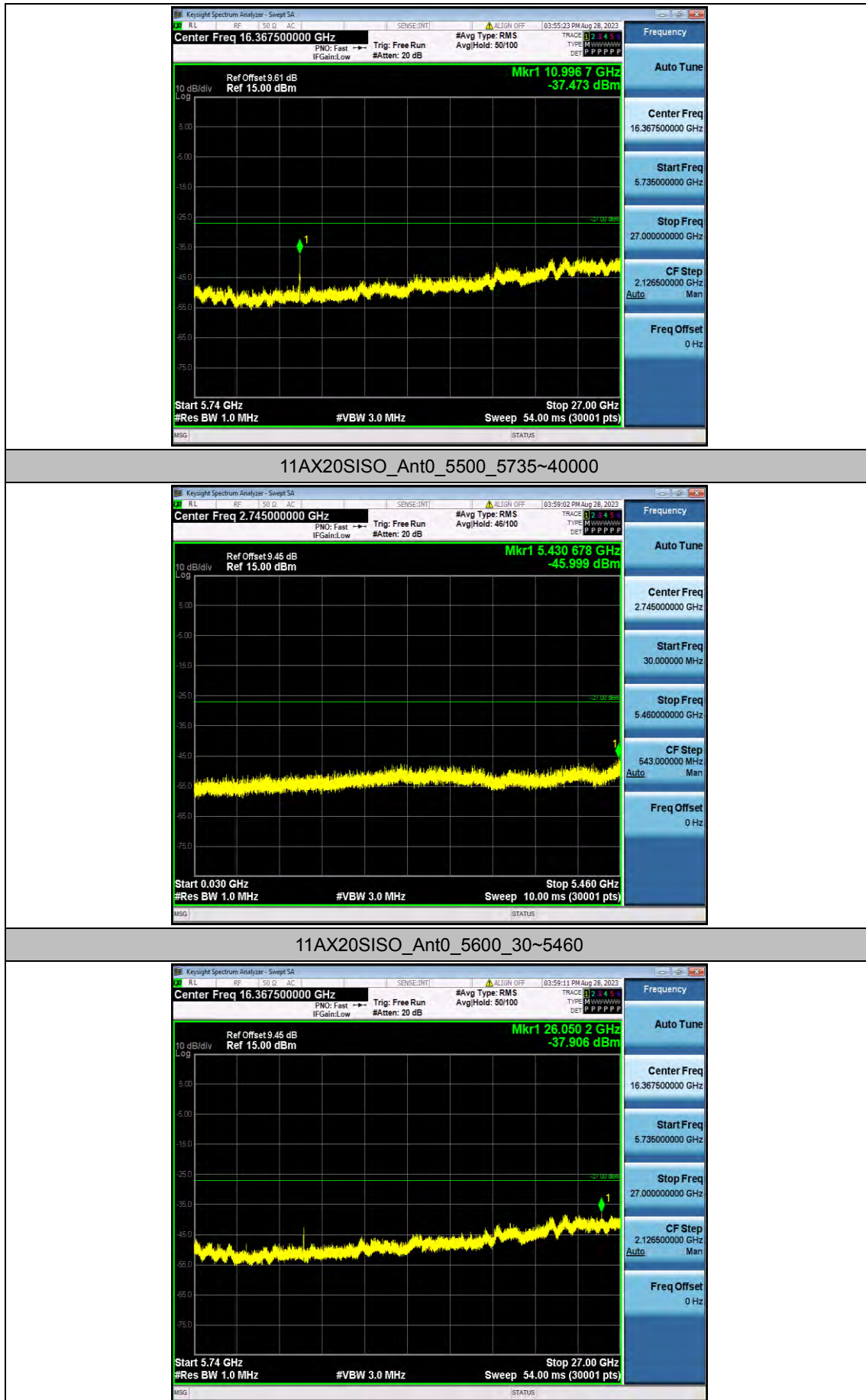
11AC80SISO_Ant0_5610_30~5460



11AC80SISO_Ant0_5610_5735~40000



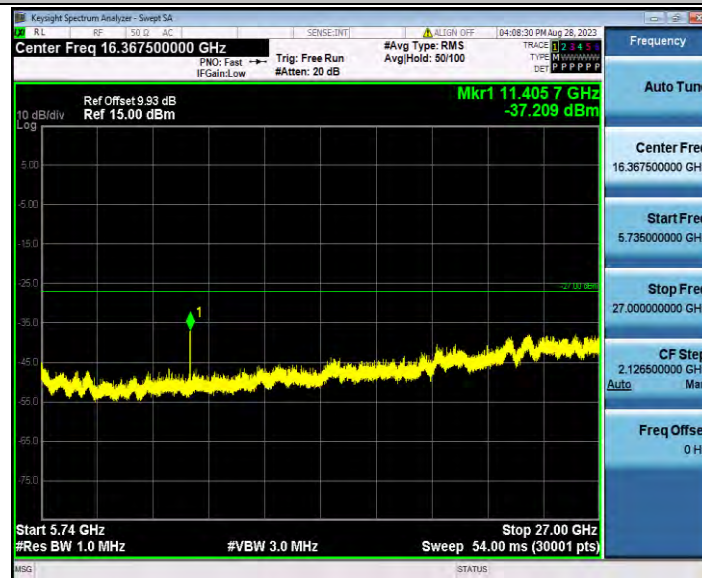
11AX20SISO_Ant0_5500_30~5460



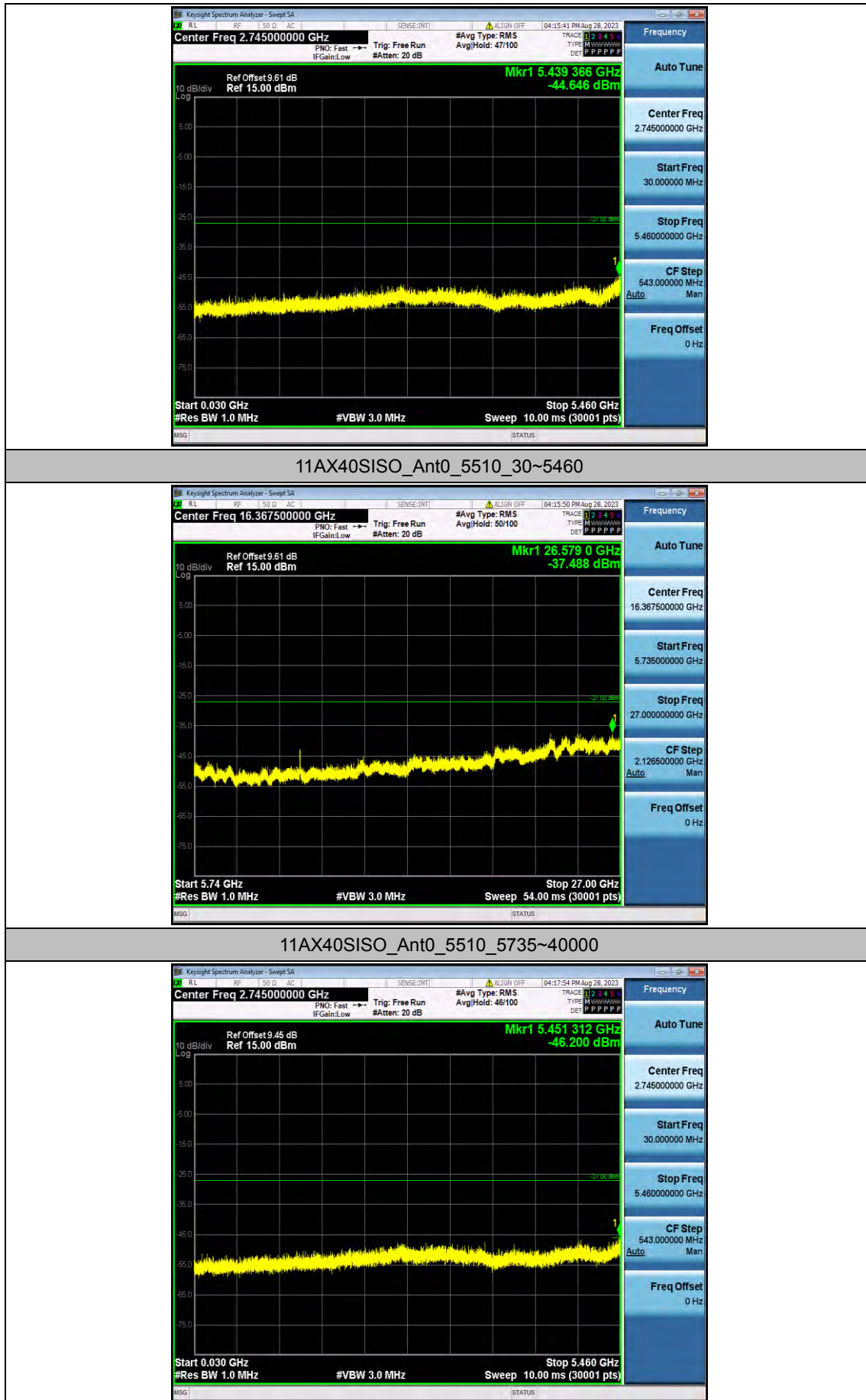
11AX20SISO_Ant0_5600_5735~40000



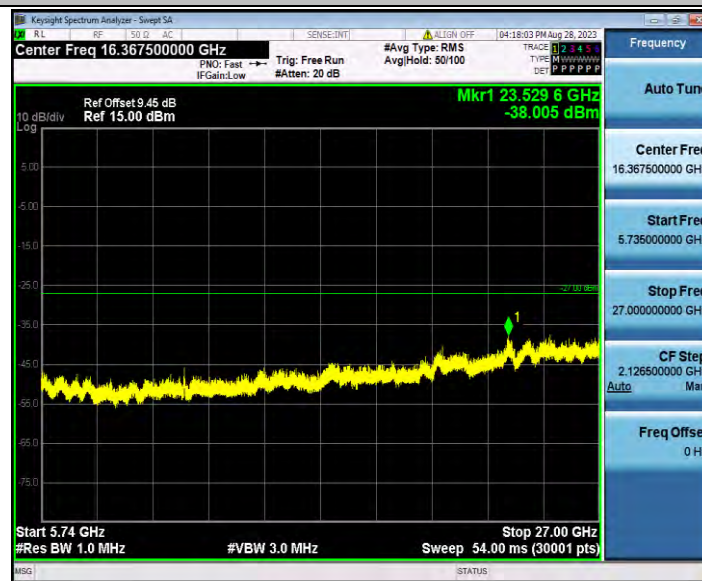
11AX20SISO_Ant0_5700_30~5460



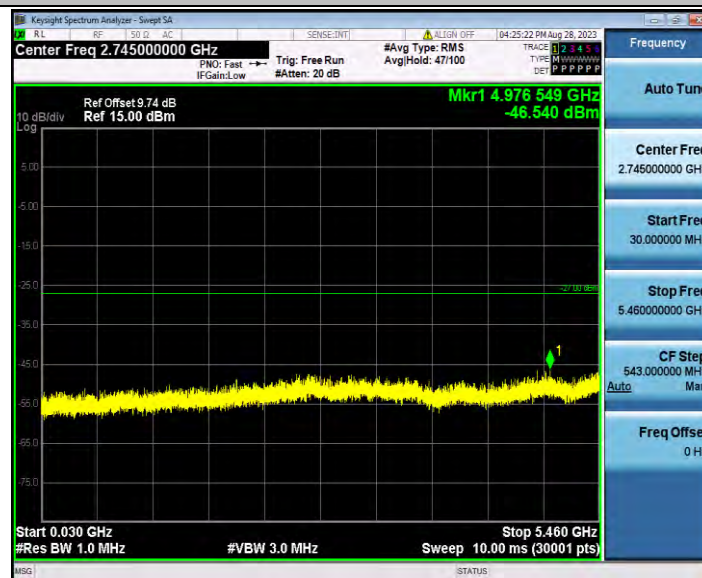
11AX20SISO_Ant0_5700_5735~40000



11AX40SISO_Ant0_5590_30~5460



11AX40SISO_Ant0_5590_5735~40000



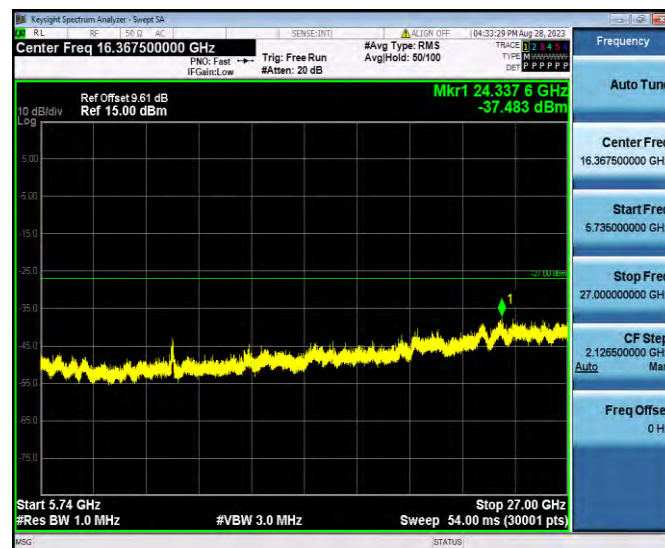
11AX40SISO_Ant0_5670_30~5460



11AX40SISO_Ant0_5670_5735~40000



11AX80SISO_Ant0_5530_30~5460



11AX80SISO_Ant0_5530_5735~40000



11AX80SISO_Ant0_5610_30~5460



11AX80SISO_Ant0_5610_5735~40000