

Appendix G.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	5745	10.61	68.81	1.62	12.23	≤30.00	PASS
		5785	11.09	68.97	1.61	12.70	≤30.00	PASS
		5825	12.21	68.81	1.62	13.83	≤30.00	PASS
11N20SISO	Ant0	5745	9.04	67.36	1.72	10.76	≤30.00	PASS
		5785	9.52	67.88	1.68	11.20	≤30.00	PASS
		5825	10.83	66.49	1.77	12.60	≤30.00	PASS
11N40SISO	Ant0	5755	6.21	50.00	3.01	9.22	≤30.00	PASS
		5795	6.47	50.78	2.94	9.41	≤30.00	PASS
11AC20SISO	Ant0	5745	9.57	67.18	1.73	11.30	≤30.00	PASS
		5785	10.43	66.84	1.75	12.18	≤30.00	PASS
		5825	11.51	66.84	1.75	13.26	≤30.00	PASS
11AC40SISO	Ant0	5755	6.84	50.39	2.98	9.82	≤30.00	PASS
		5795	7.26	50.77	2.94	10.20	≤30.00	PASS
11AC80SISO	Ant0	5775	4.15	34.38	4.64	8.79	≤30.00	PASS
11AX20SISO	Ant0	5745	10.55	66.84	1.75	12.30	≤30.00	PASS
		5785	11.17	66.84	1.75	12.92	≤30.00	PASS
		5825	11.81	66.84	1.75	13.56	≤30.00	PASS
11AX40SISO	Ant0	5755	7.96	50.39	2.98	10.94	≤30.00	PASS
		5795	8.16	50.39	2.98	11.14	≤30.00	PASS
11AX80SISO	Ant0	5775	4.97	33.68	4.73	9.70	≤30.00	PASS

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

Appendix G.5: Maximum power spectral density

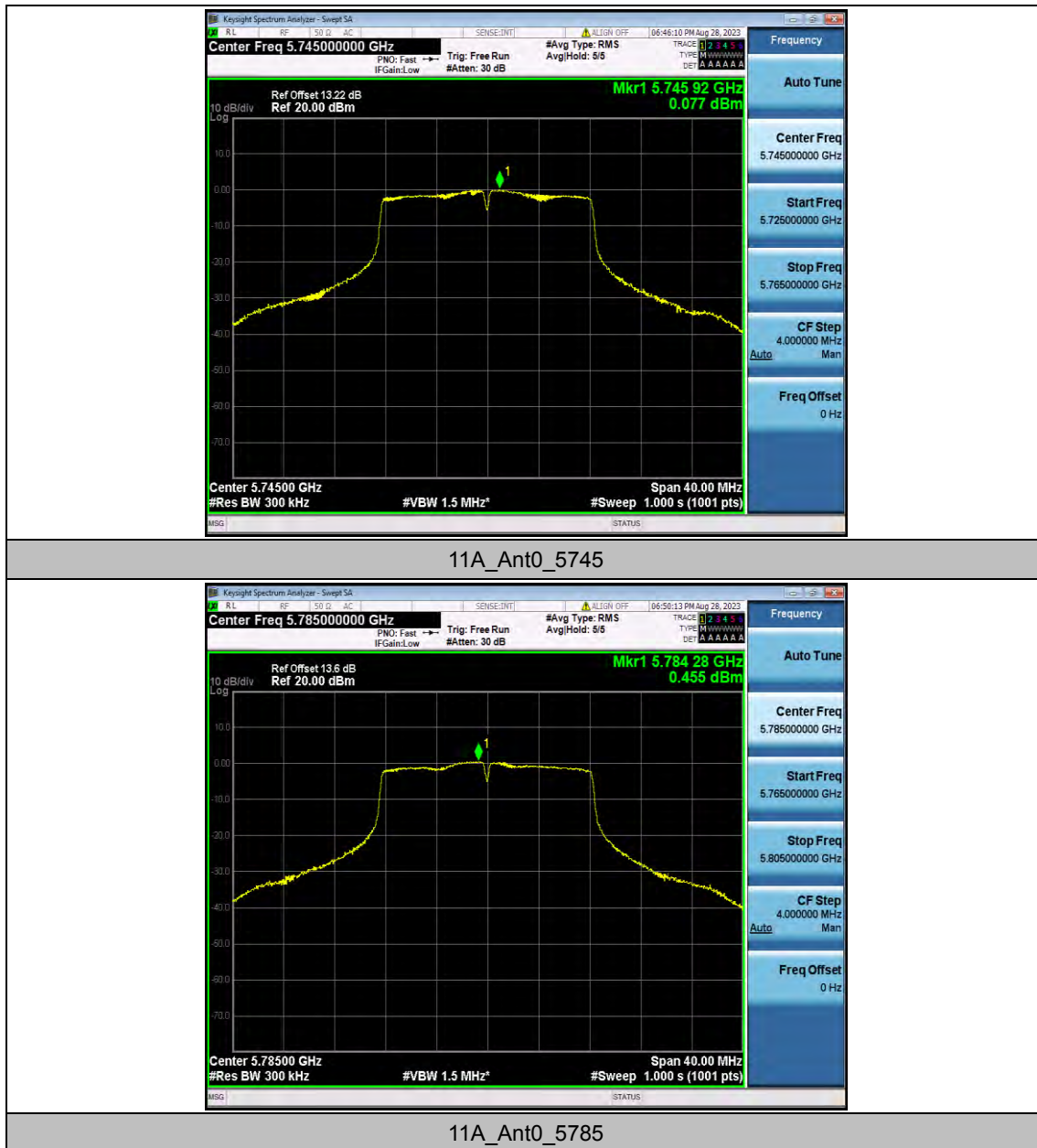
Test Result

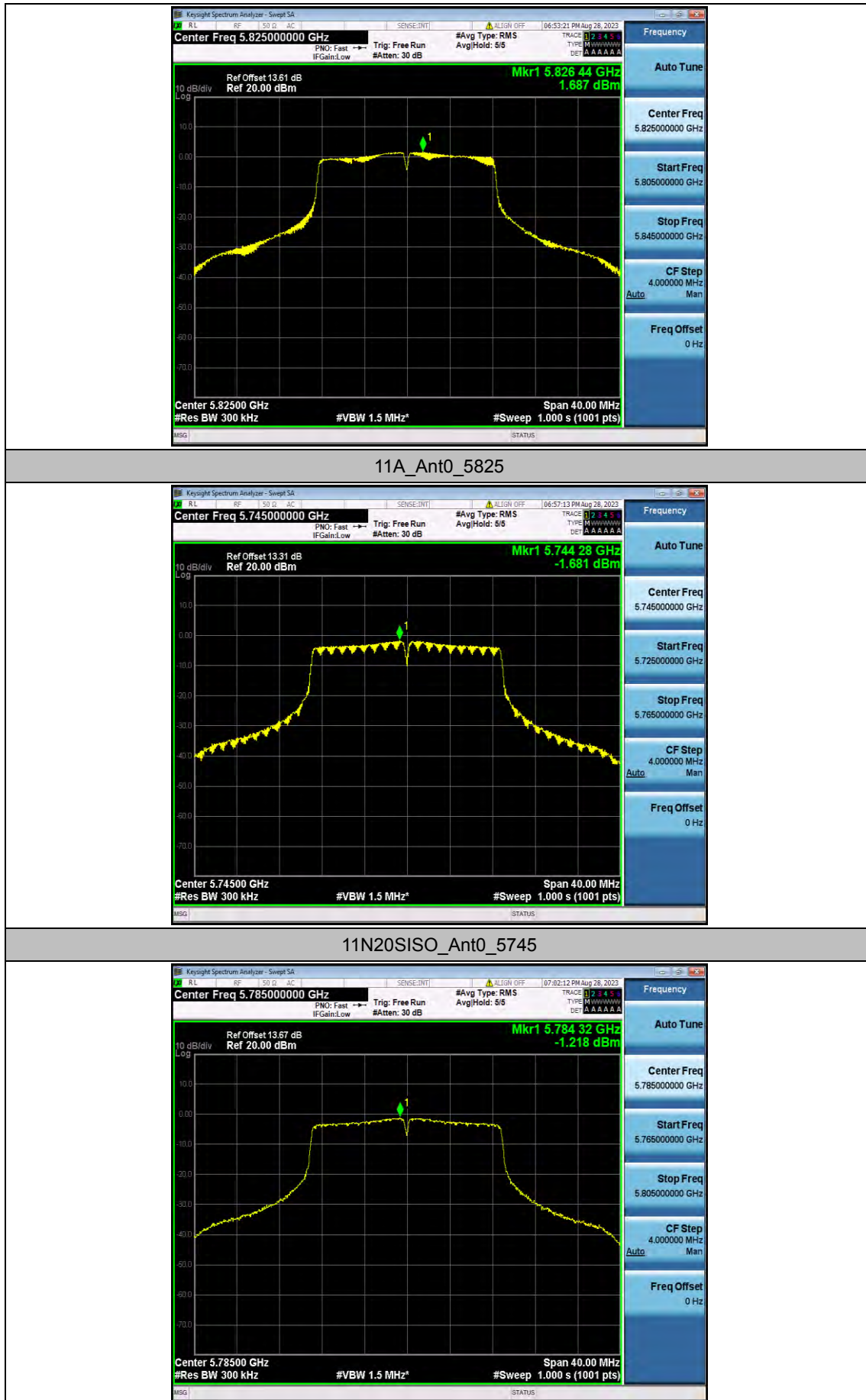
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	0.08	≤30.00	PASS
		5785	0.46	≤30.00	PASS
		5825	1.69	≤30.00	PASS
11N20SISO	Ant0	5745	-1.68	≤30.00	PASS
		5785	-1.22	≤30.00	PASS
		5825	0.15	≤30.00	PASS
11N40SISO	Ant0	5755	-5.61	≤30.00	PASS
		5795	-5.34	≤30.00	PASS
11AC20SISO	Ant0	5745	-1.18	≤30.00	PASS
		5785	-0.73	≤30.00	PASS
		5825	0.65	≤30.00	PASS
11AC40SISO	Ant0	5755	-5.02	≤30.00	PASS
		5795	-4.12	≤30.00	PASS
11AC80SISO	Ant0	5775	-8.39	≤30.00	PASS
11AX20SISO	Ant0	5745	-0.28	≤30.00	PASS
		5785	0.47	≤30.00	PASS
		5825	1.49	≤30.00	PASS
11AX40SISO	Ant0	5755	-3.29	≤30.00	PASS
		5795	-3	≤30.00	PASS
11AX80SISO	Ant0	5775	-7.24	≤30.00	PASS

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

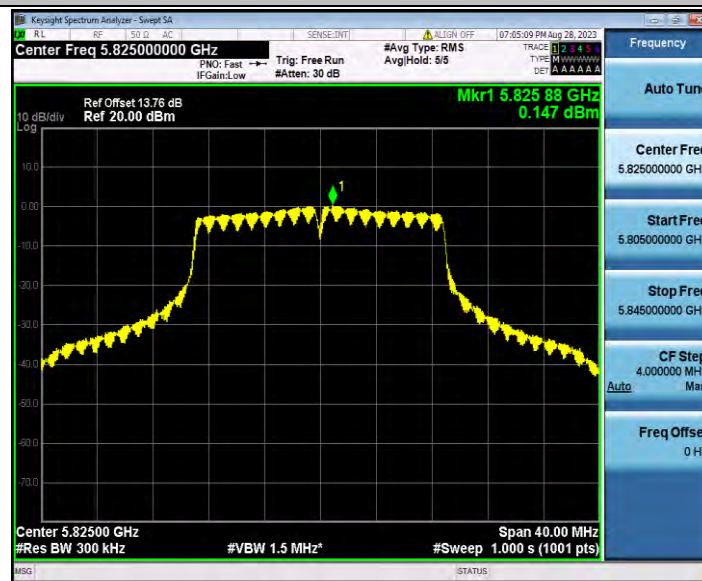
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





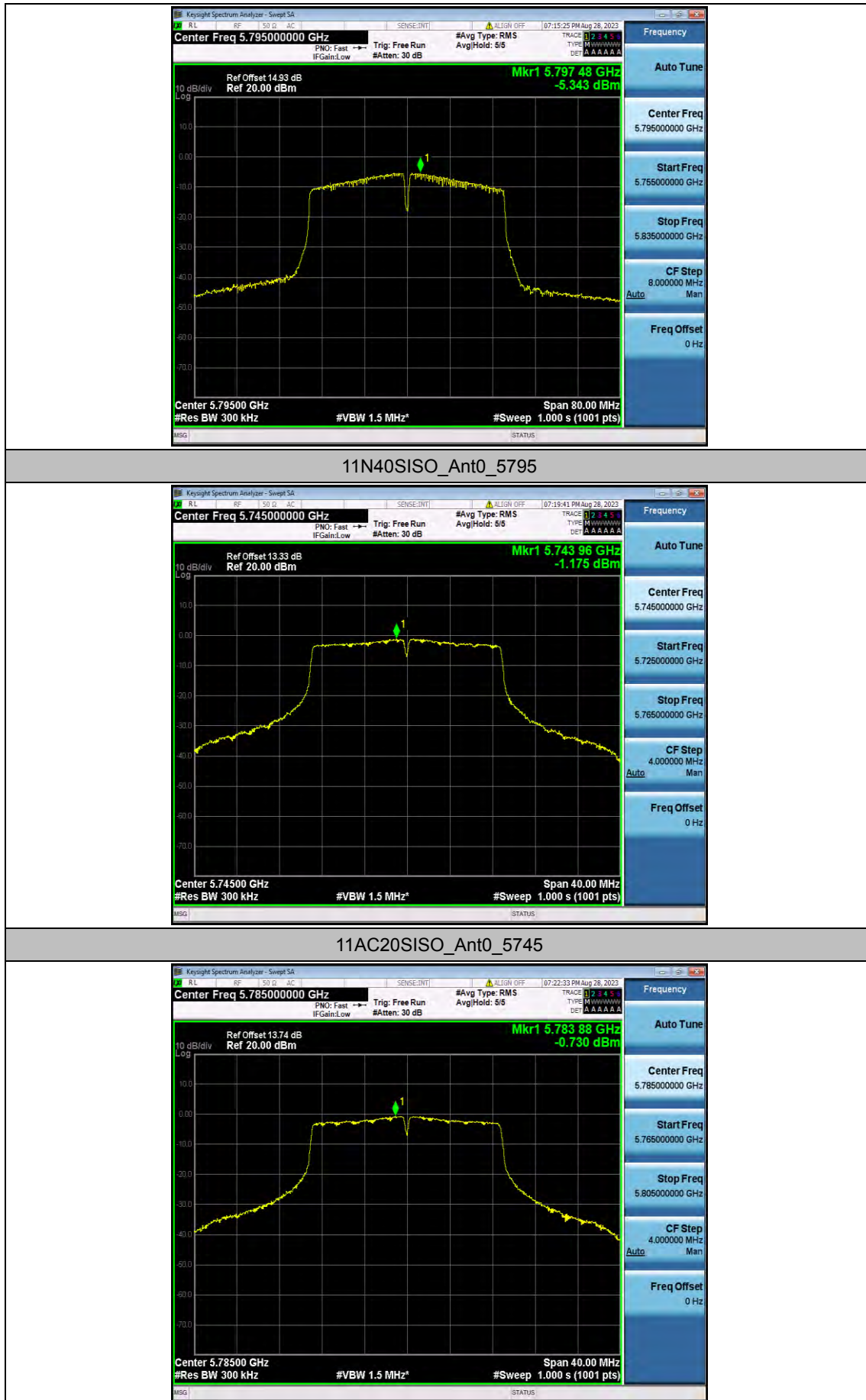
11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



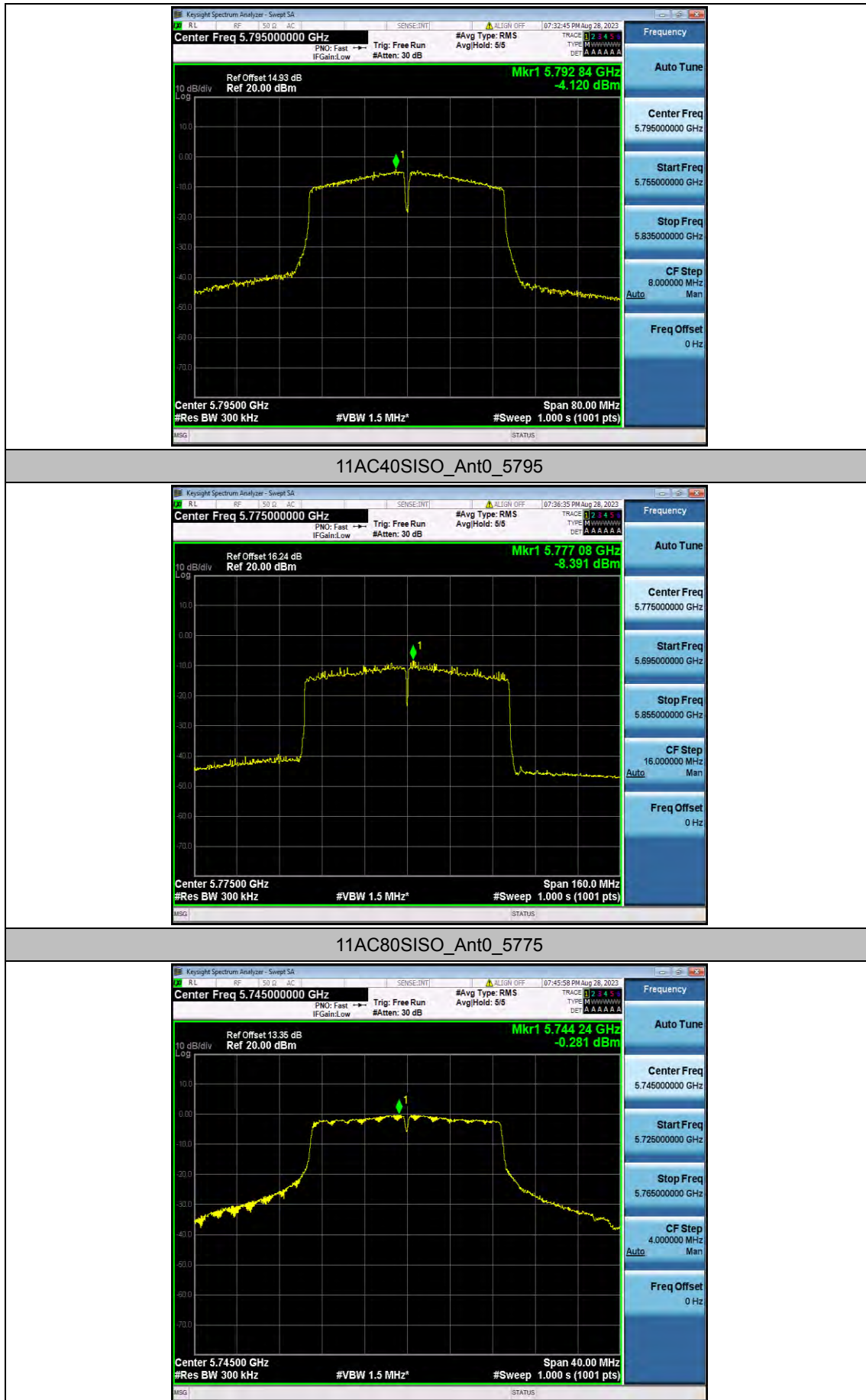
11AC20SISO_Ant0_5785



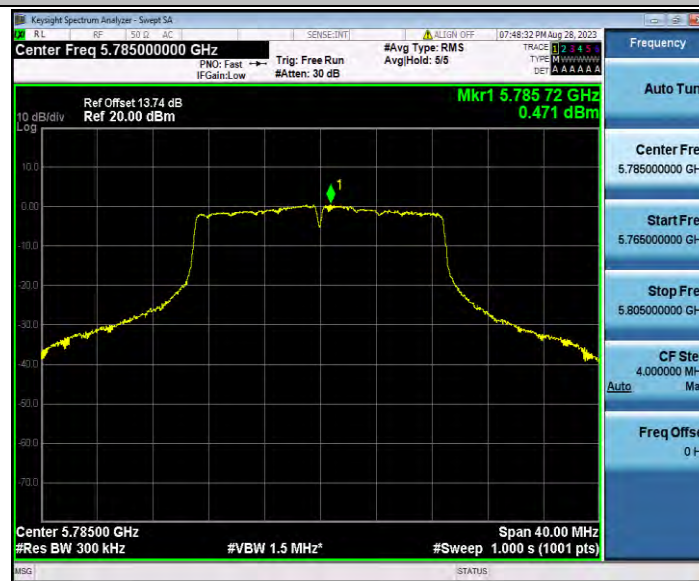
11AC20SISO_Ant0_5825



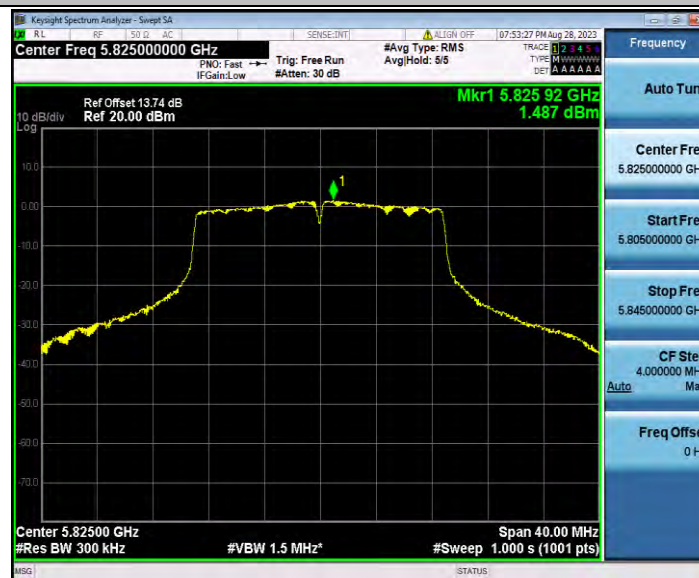
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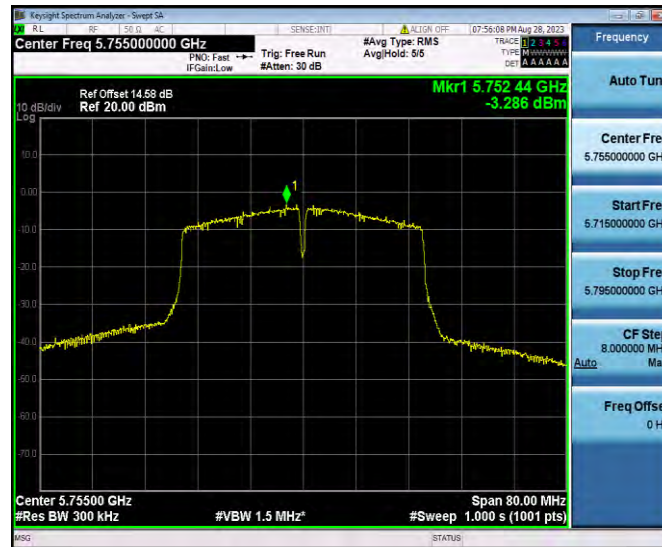
11AX20SISO_Ant0_5745



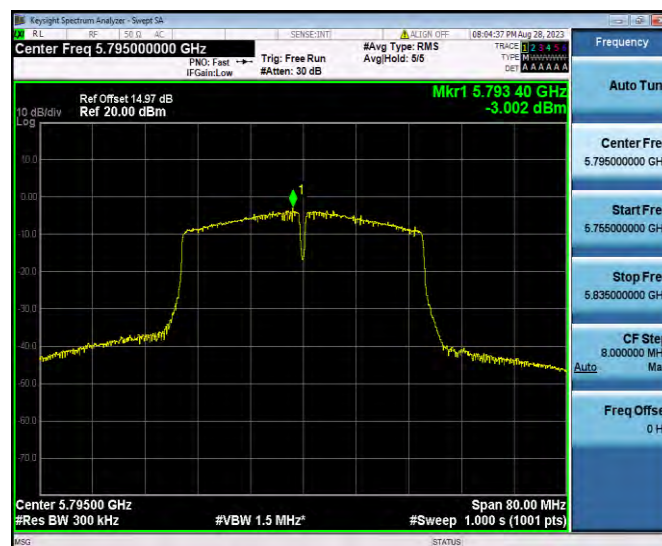
11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

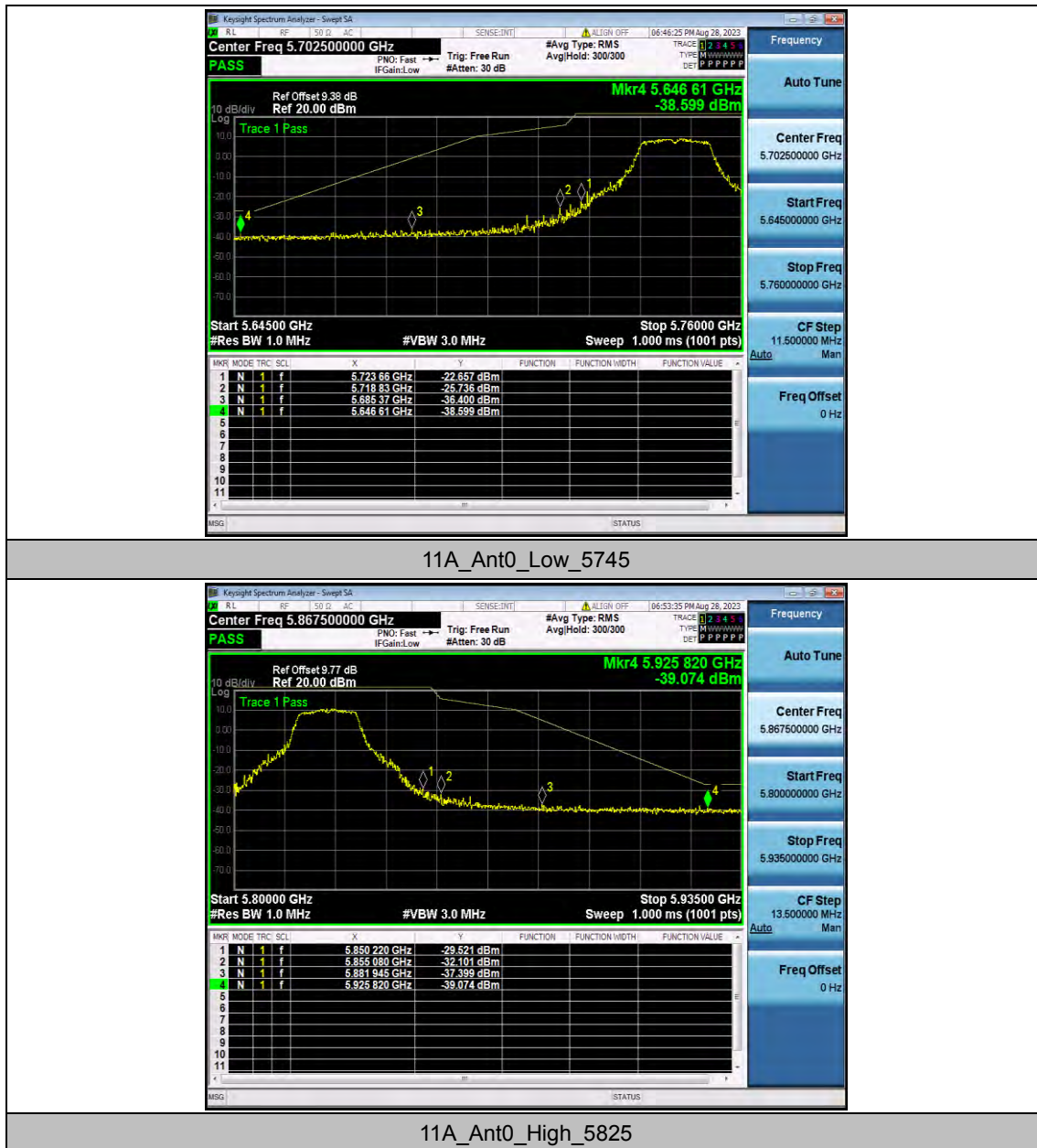
Appendix G.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-36.4	≤-0.83	PASS
				5700~5720	-25.74	≤15.27	PASS
				5720~5725	-22.66	≤23.94	PASS
				5760~5650	-38.6	≤-27	PASS
		High	5825	5850~5855	-29.52	≤16.10	PASS
				5855~5875	-32.1	≤10.02	PASS
				5875~5925	-37.4	≤-21.86	PASS
				5925~5935	-39.07	≤-27	PASS
11N20SISO	Ant0	Low	5745	5650~5700	-36.28	≤4.70	PASS
				5700~5720	-27.51	≤15.43	PASS
				5720~5725	-24.1	≤20.54	PASS
				5760~5650	-39.52	≤-27	PASS
		High	5825	5850~5855	-30.97	≤17.33	PASS
				5855~5875	-34.11	≤10.40	PASS
				5875~5925	-37.31	≤-24.36	PASS
				5925~5935	-37.95	≤-27	PASS
11N40SISO	Ant0	Low	5755	5650~5700	-34.44	≤7.16	PASS
				5700~5720	-27.78	≤15.31	PASS
				5720~5725	-23.04	≤20.97	PASS
				5780~5650	-40.09	≤-27	PASS
		High	5795	5850~5855	-38.64	≤25.81	PASS
				5855~5875	-38.71	≤11.24	PASS
				5875~5925	-37.96	≤0.79	PASS
				5925~5935	-39.04	≤-27	PASS
11AC20SISO	Ant0	Low	5745	5650~5700	-36.63	≤7.08	PASS
				5700~5720	-27.53	≤15.14	PASS
				5720~5725	-22.84	≤26.57	PASS
				5760~5650	-39.08	≤-27	PASS
		High	5825	5850~5855	-29.95	≤19.18	PASS
				5855~5875	-34.03	≤10.14	PASS
				5875~5925	-37.75	≤-25.26	PASS
				5925~5935	-38.75	≤-27	PASS
11AC40SISO	Ant0	Low	5755	5650~5700	-36.63	≤8.96	PASS
				5700~5720	-26.67	≤14.56	PASS
				5720~5725	-27.15	≤25.89	PASS

		High	5795	5780~5650	-39.55	≤ -27	PASS
				5850~5855	-37.67	≤ 25.44	PASS
				5855~5875	-37.77	≤ 10.73	PASS
				5875~5925	-38.55	≤ -14.22	PASS
				5925~5935	-38.4	≤ -27	PASS
11AC80SI SO	Ant0	Low	5775	5650~5700	-28.4	≤ 1.65	PASS
				5700~5720	-29.6	≤ 13.70	PASS
				5720~5725	-29.36	≤ 15.65	PASS
				5800~5650	-39.69	≤ -27	PASS
		High	5775	5850~5855	-38.36	≤ 25.07	PASS
				5855~5875	-37.36	≤ 10.95	PASS
				5875~5925	-39.08	≤ -6.42	PASS
				5925~5935	-38.4	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-36.23	≤ 1.55	PASS
				5700~5720	-26.44	≤ 15.59	PASS
				5720~5725	-18.67	≤ 23.94	PASS
				5760~5650	-38.64	≤ -27	PASS
		High	5825	5850~5855	-29.22	≤ 20.72	PASS
				5855~5875	-31.45	≤ 10.25	PASS
				5875~5925	-35.89	≤ -18.76	PASS
				5925~5935	-38.18	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-32.46	≤ 9.06	PASS
				5700~5720	-22.88	≤ 14.86	PASS
				5720~5725	-22.01	≤ 25.59	PASS
				5780~5650	-39.49	≤ -27	PASS
		High	5795	5850~5855	-38.74	≤ 16.03	PASS
				5855~5875	-37.79	≤ 10.41	PASS
				5875~5925	-38.23	≤ 8.49	PASS
				5925~5935	-38.26	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-27.93	≤ 5.43	PASS
				5700~5720	-26.66	≤ 12.05	PASS
				5720~5725	-26.43	≤ 17.41	PASS
				5800~5650	-39.31	≤ -27	PASS
		High	5775	5850~5855	-36.75	≤ 15.79	PASS
				5855~5875	-35.13	≤ 14.01	PASS
				5875~5925	-39.31	≤ -11.62	PASS
				5925~5935	-39	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant0_Low_5745



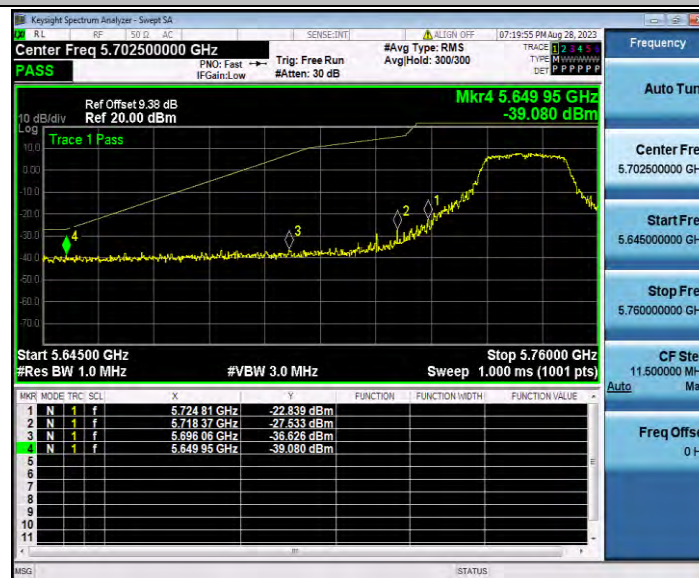
11N20SISO_Ant0_High_5825



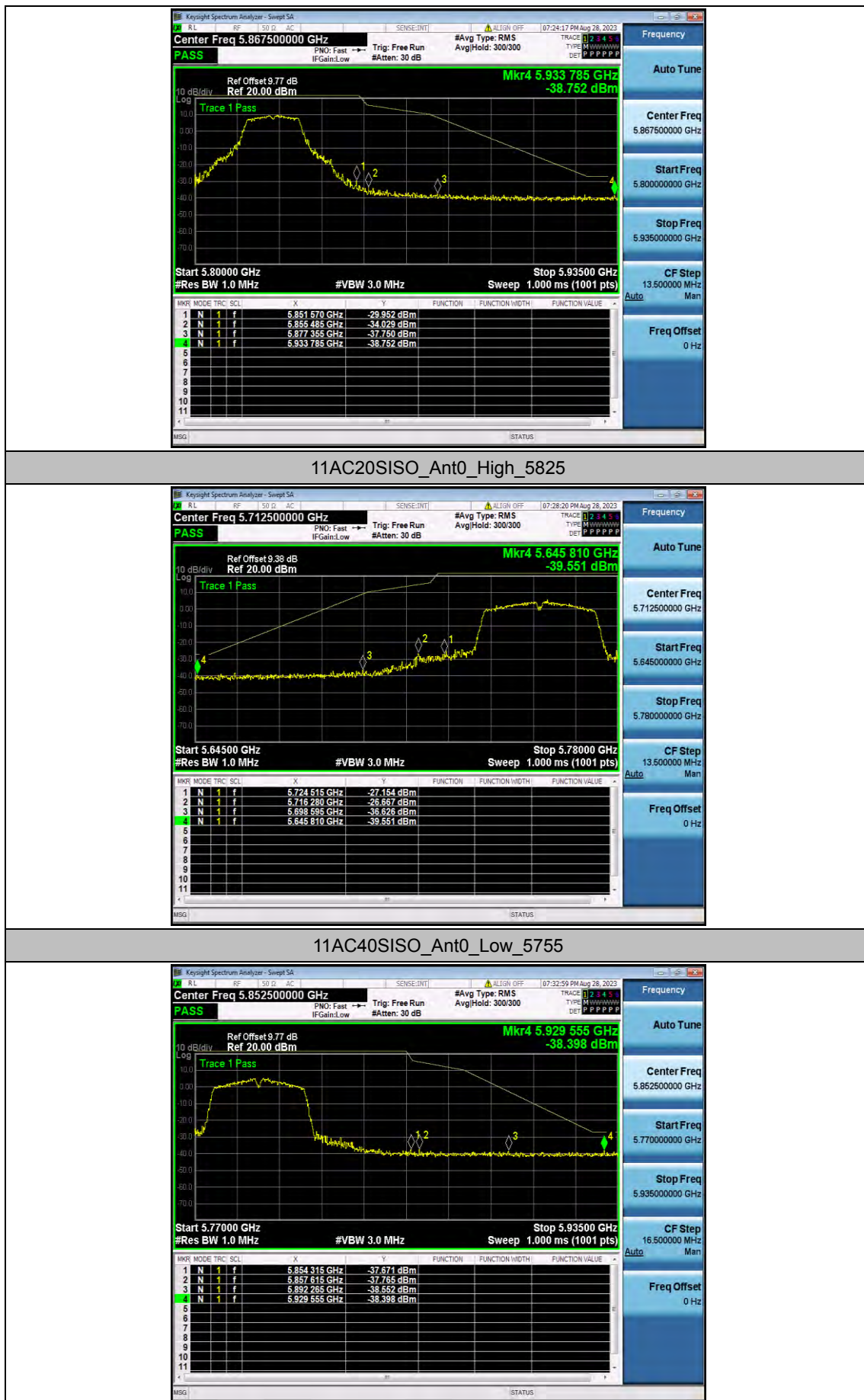
11N40SISO_Ant0_Low_5755



11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



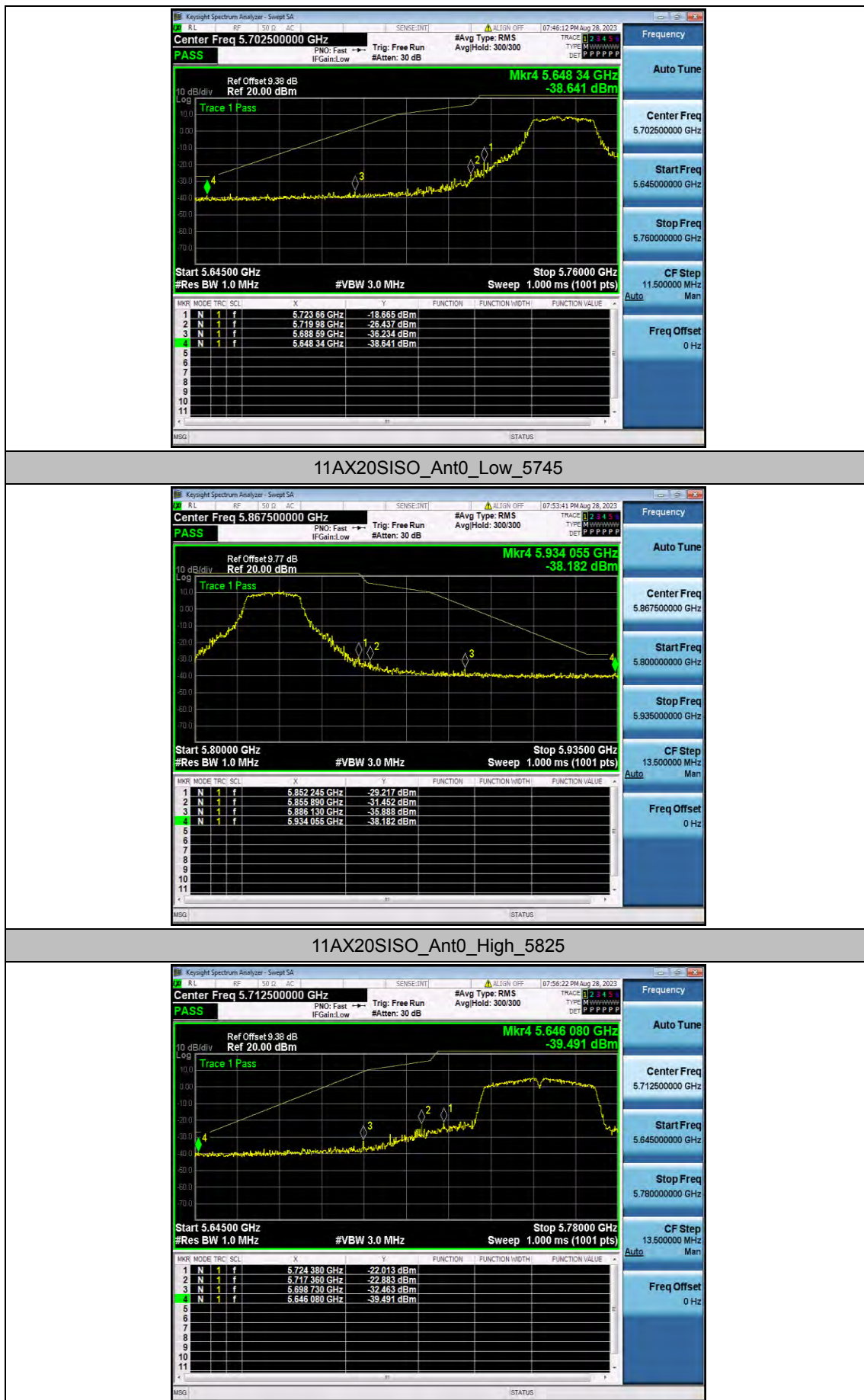
11AC40SISO_Ant0_High_5795



11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



11AX40SISO_Ant0_Low_5755



11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



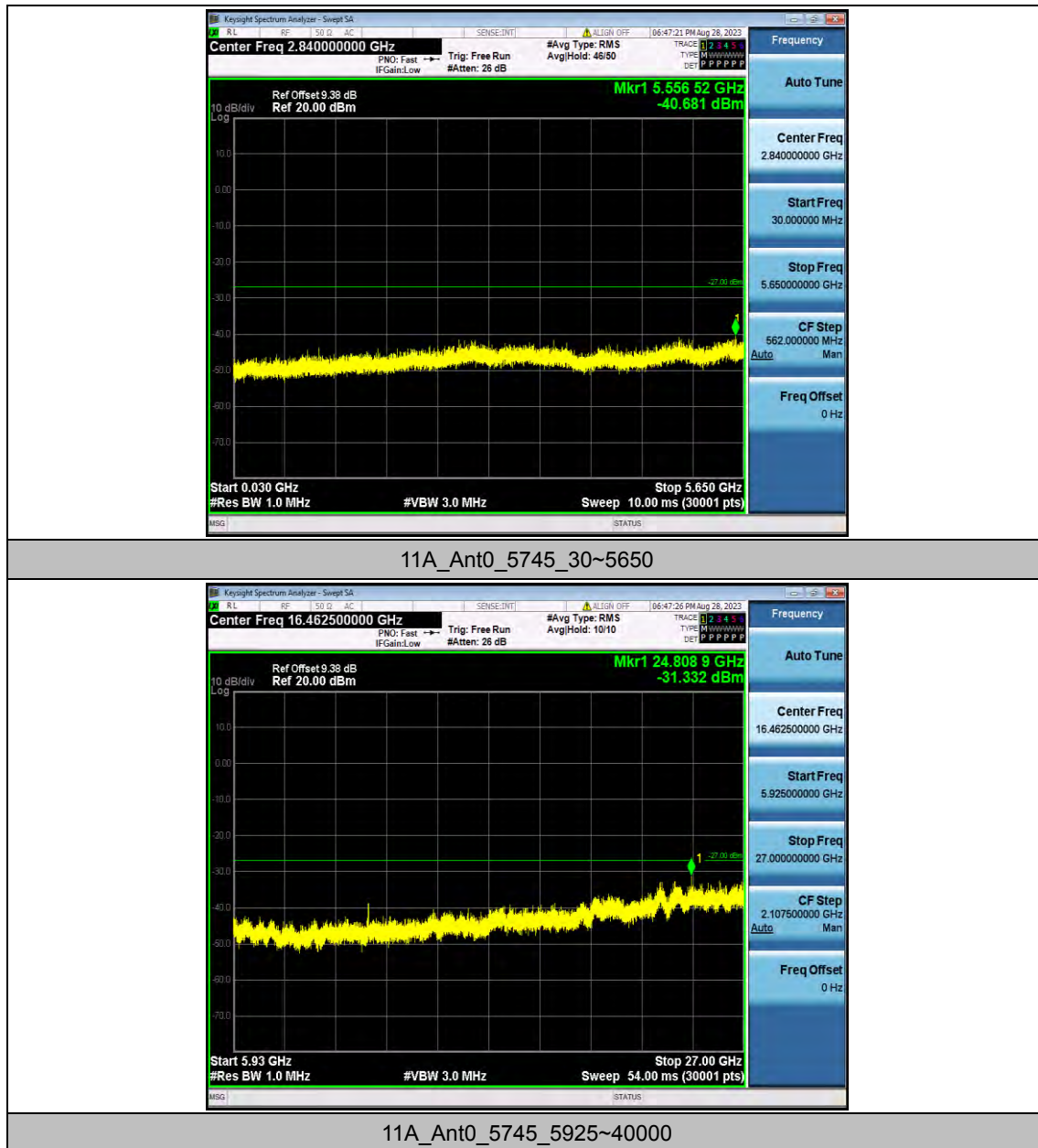
Appendix G.7: Conducted Spurious Emission

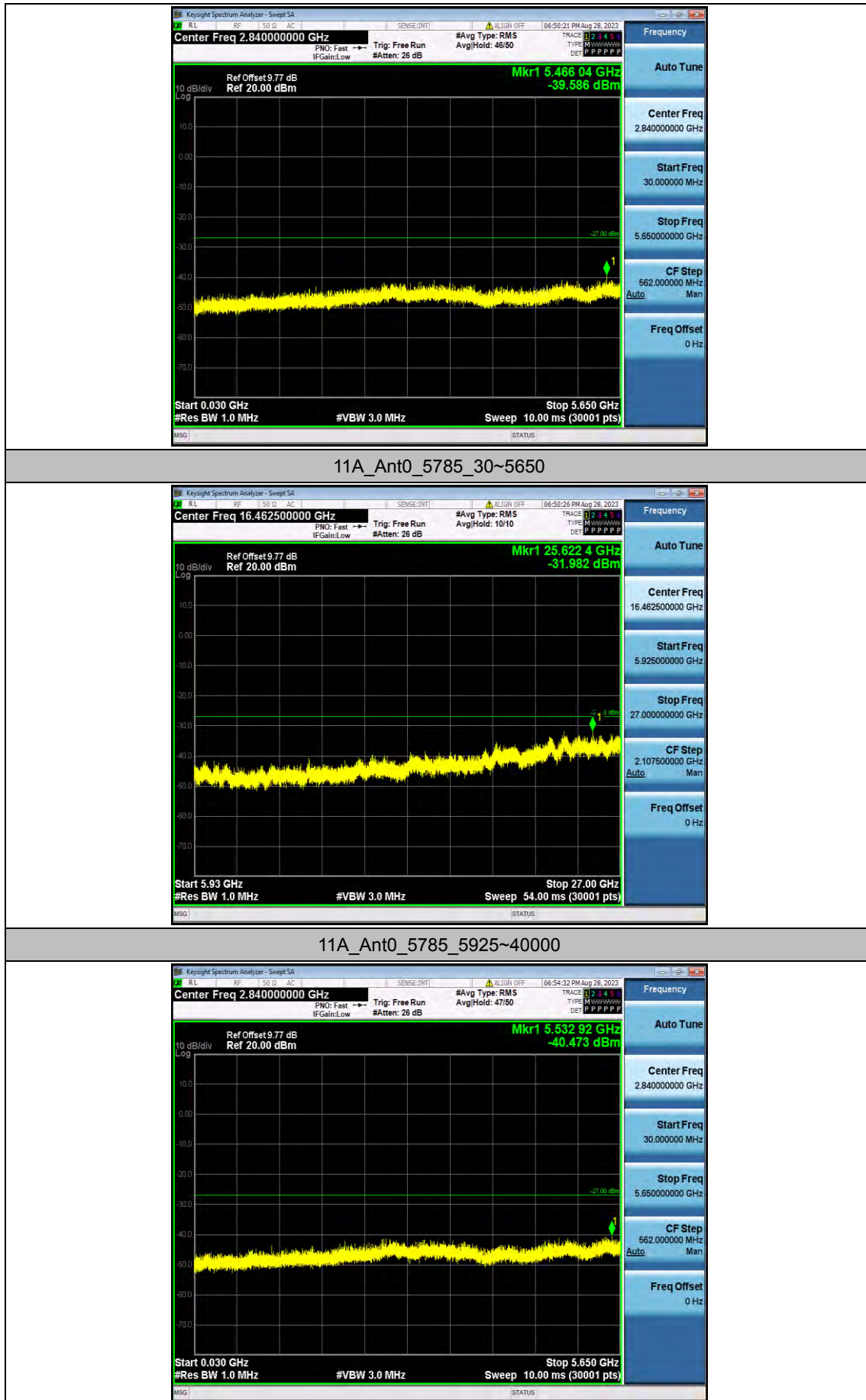
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	5556.52	-40.68	≤-27	PASS
			5925~40000	24808.9	-31.33	≤-27	PASS
		5785	30~5650	5466.04	-39.59	≤-27	PASS
			5925~40000	25622.4	-31.98	≤-27	PASS
		5825	30~5650	5532.92	-40.47	≤-27	PASS
			5925~40000	24255.33	-32.03	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	2677.39	-40.93	≤-27	PASS
			5925~40000	25082.88	-32.94	≤-27	PASS
		5785	30~5650	2621.19	-40.54	≤-27	PASS
			5925~40000	23457.29	-32.76	≤-27	PASS
		5825	30~5650	5444.12	-40.77	≤-27	PASS
			5925~40000	25546.53	-32.1	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5474.66	-40.81	≤-27	PASS
			5925~40000	26766.77	-32.33	≤-27	PASS
		5795	30~5650	5642.32	-40.89	≤-27	PASS
			5925~40000	26059.35	-32.1	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	5465.48	-40.51	≤-27	PASS
			5925~40000	25509.3	-32.63	≤-27	PASS
		5785	30~5650	5387.73	-39.85	≤-27	PASS
			5925~40000	24372.65	-32.35	≤-27	PASS
		5825	30~5650	5427.45	-40.69	≤-27	PASS
			5925~40000	26851.77	-32.28	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	5465.85	-41.22	≤-27	PASS
			5925~40000	24277.81	-31.78	≤-27	PASS
		5795	30~5650	5453.11	-40.85	≤-27	PASS
			5925~40000	23523.33	-31.62	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	5395.98	-40.71	≤-27	PASS
			5925~40000	26489.28	-32.97	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	5434.19	-40.81	≤-27	PASS
			5925~40000	24268.68	-32.68	≤-27	PASS
		5785	30~5650	2677.21	-40.55	≤-27	PASS
			5925~40000	23452.38	-32.17	≤-27	PASS
		5825	30~5650	5441.31	-40.07	≤-27	PASS
			5925~40000	24242.69	-31.49	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	5616.47	-40.38	≤-27	PASS
			5925~40000	24093.76	-32.96	≤-27	PASS

		5795	30~5650	2719.92	-40.62	≤-27	PASS
			5925~40000	24792.75	-31.75	≤-27	PASS
11AX80SISO	Ant0	5775	30~5650	5640.26	-40.93	≤-27	PASS
			5925~40000	24331.91	-32.35	≤-27	PASS

Test Graphs

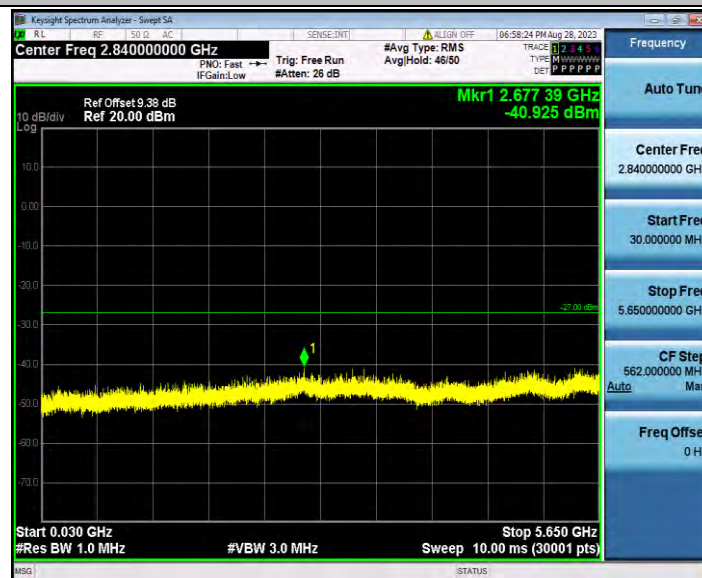




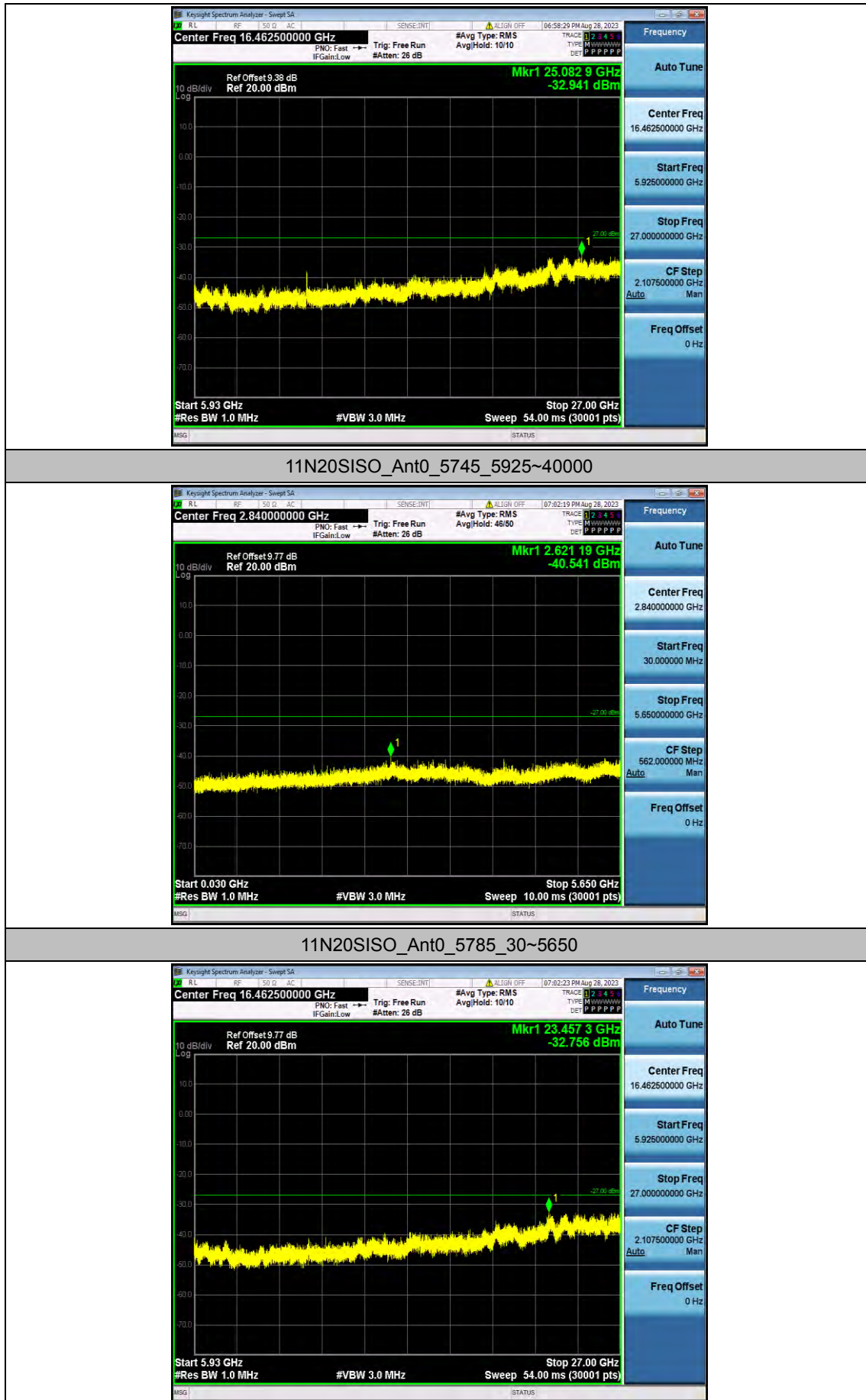
11A_Ant0_5825_30~5650



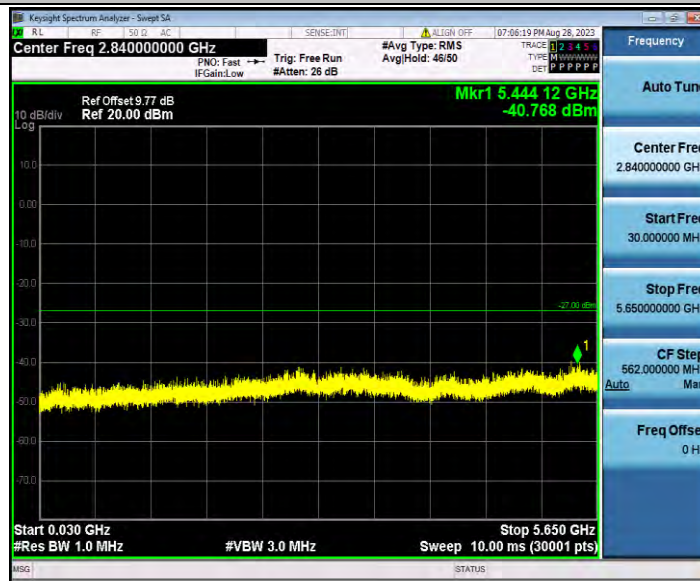
11A_Ant0_5825_5925~40000



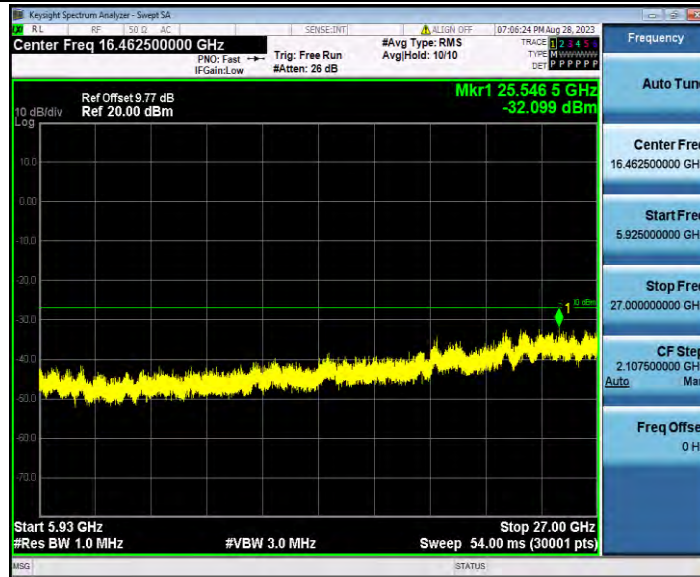
11N20SISO_Ant0_5745_30~5650



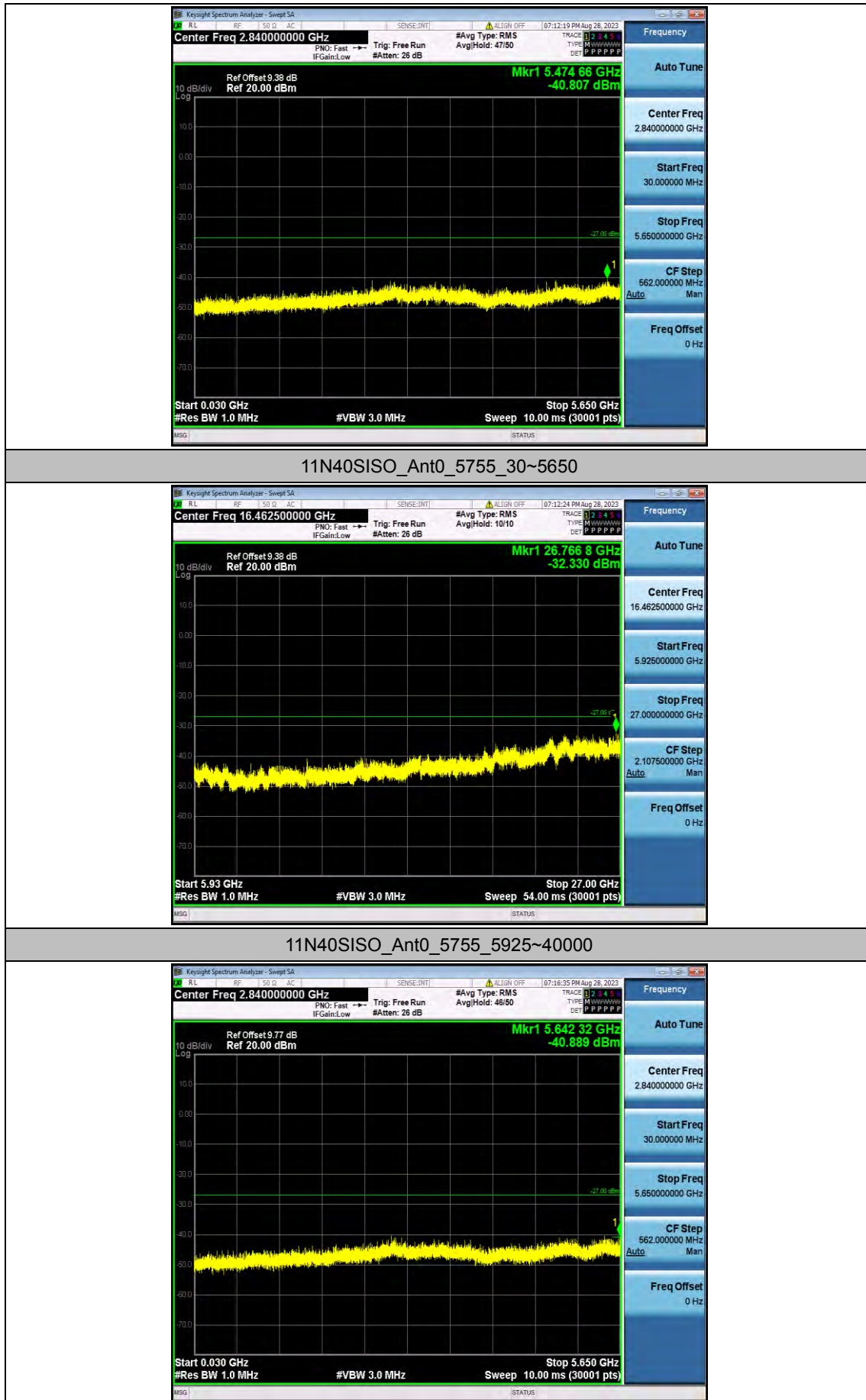
11N20SISO_Ant0_5785_5925~40000



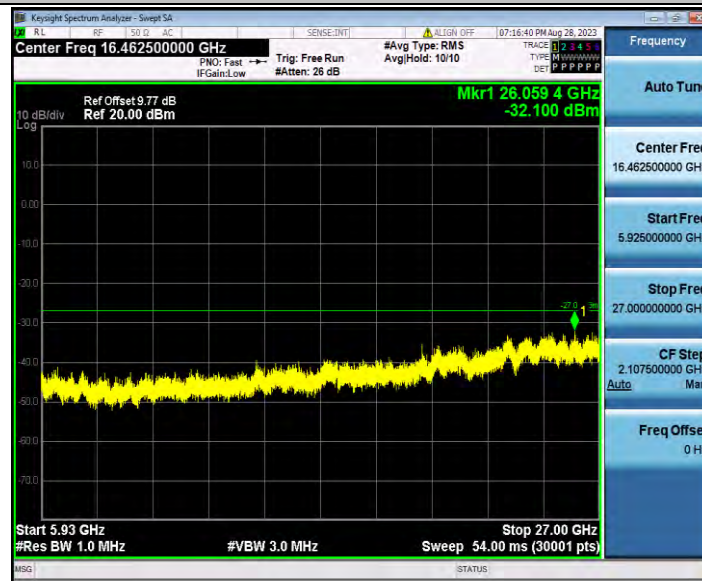
11N20SISO_Ant0_5825_30~5650



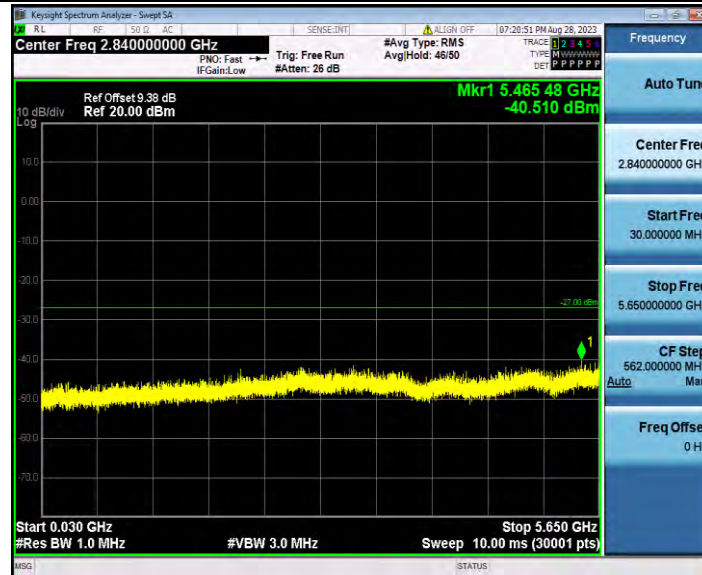
11N20SISO_Ant0_5825_5925~40000



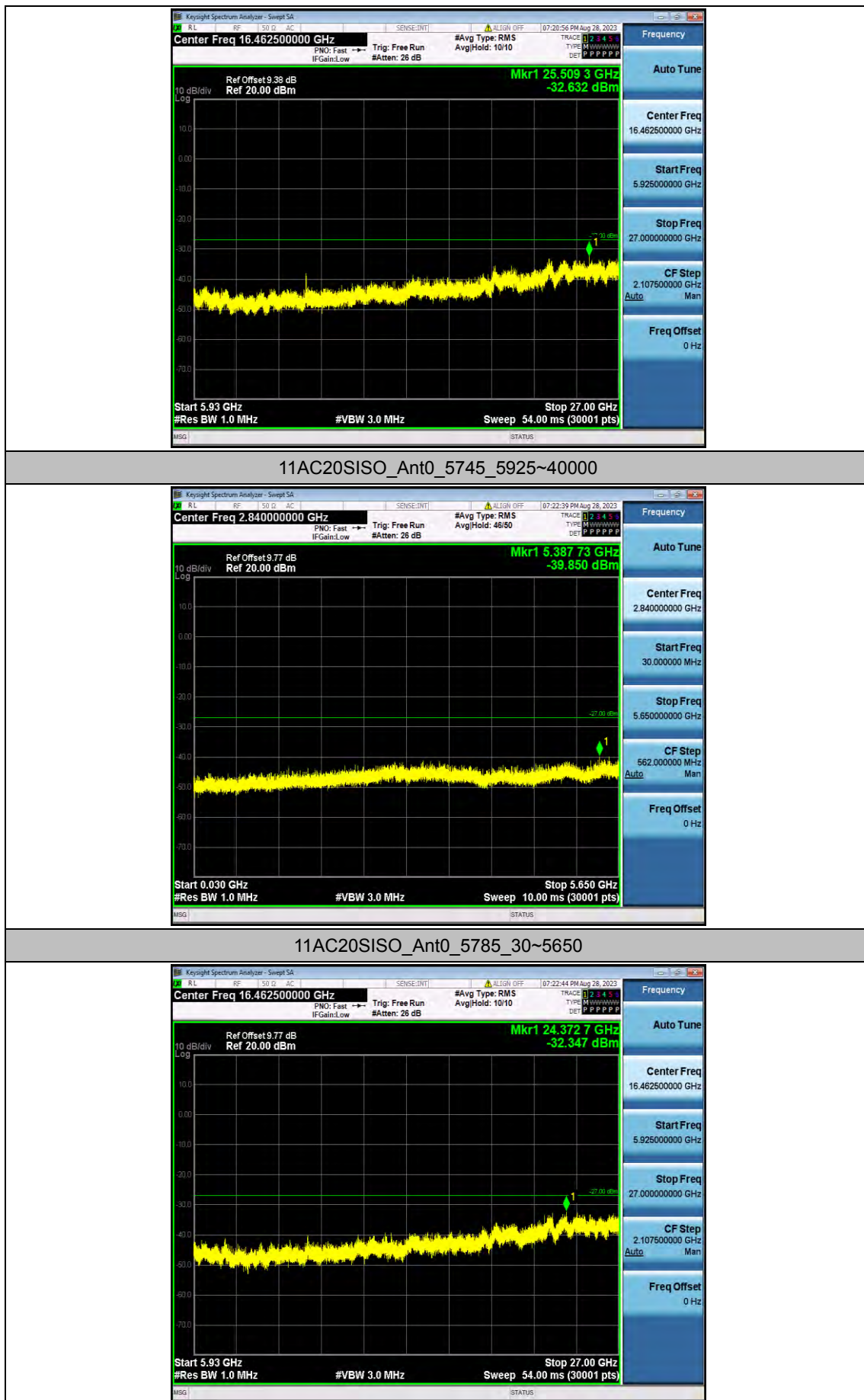
11N40SISO_Ant0_5795_30~5650



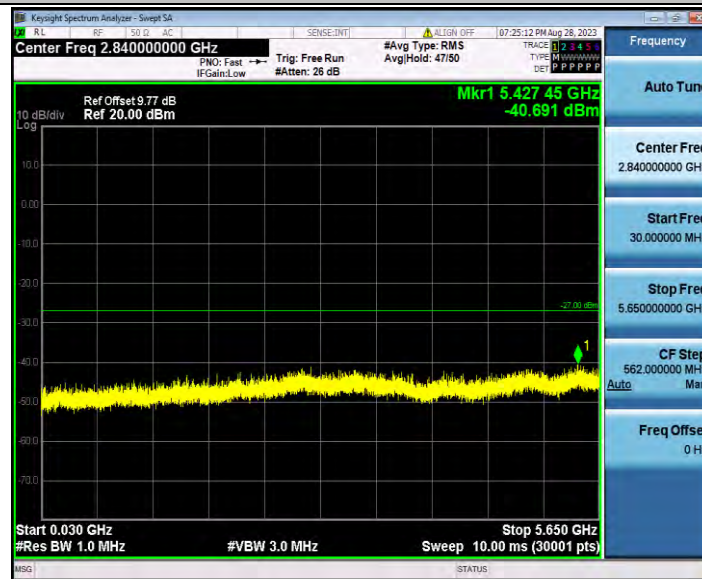
11N40SISO_Ant0_5795_5925~40000



11AC20SISO_Ant0_5745_30~5650



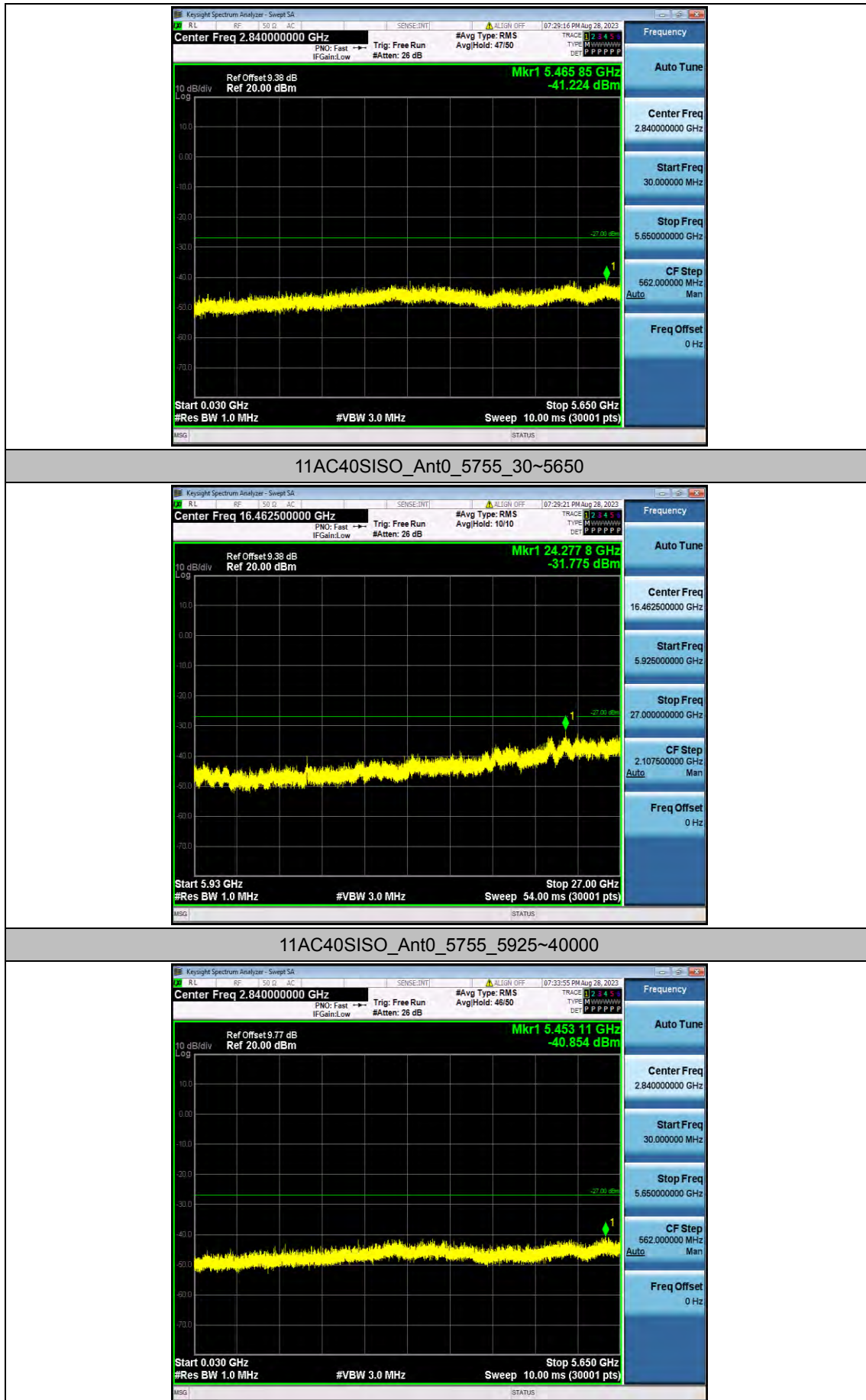
11AC20SISO_Ant0_5785_5925~40000



11AC20SISO_Ant0_5825_30~5650



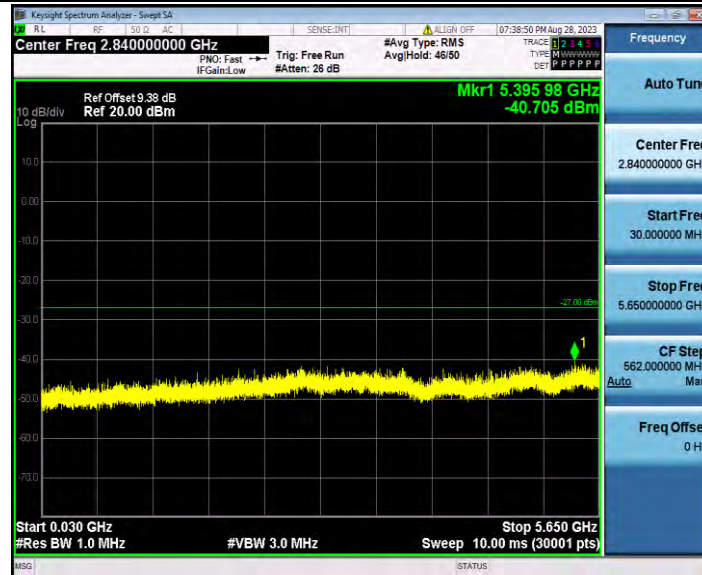
11AC20SISO_Ant0_5825_5925~40000



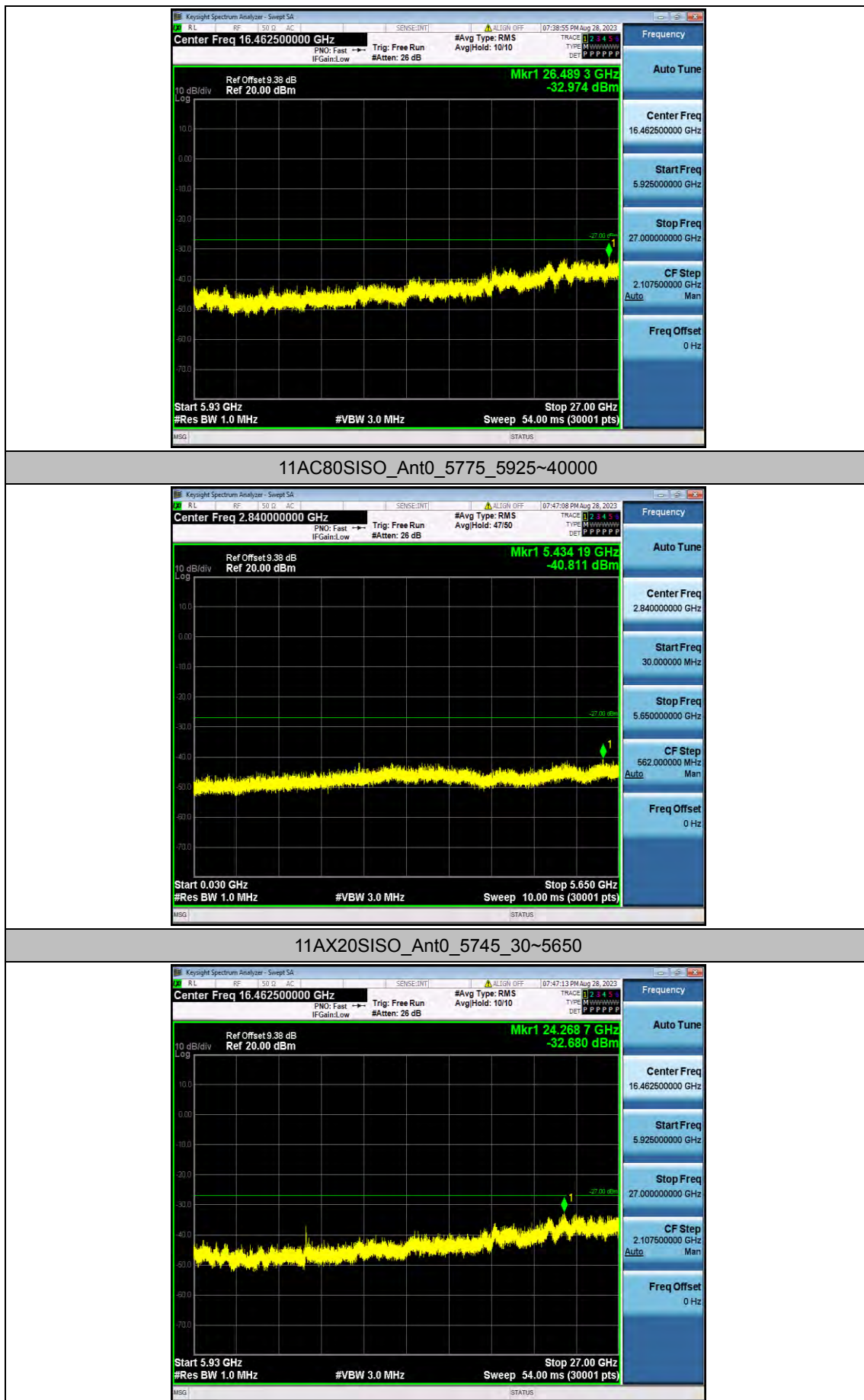
11AC40SISO_Ant0_5795_30~5650



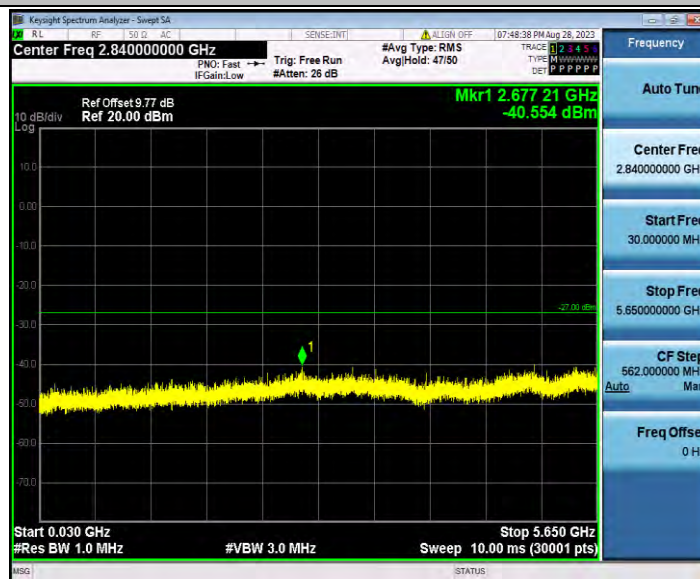
11AC40SISO_Ant0_5795_5925~40000



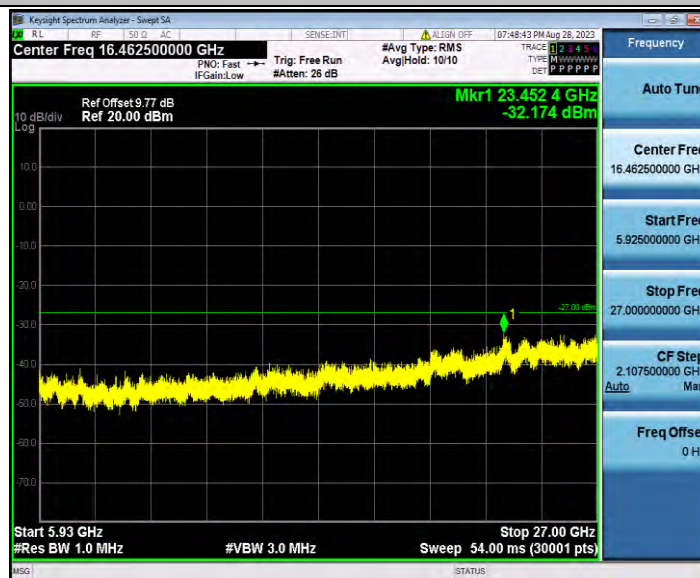
11AC80SISO_Ant0_5775_30~5650



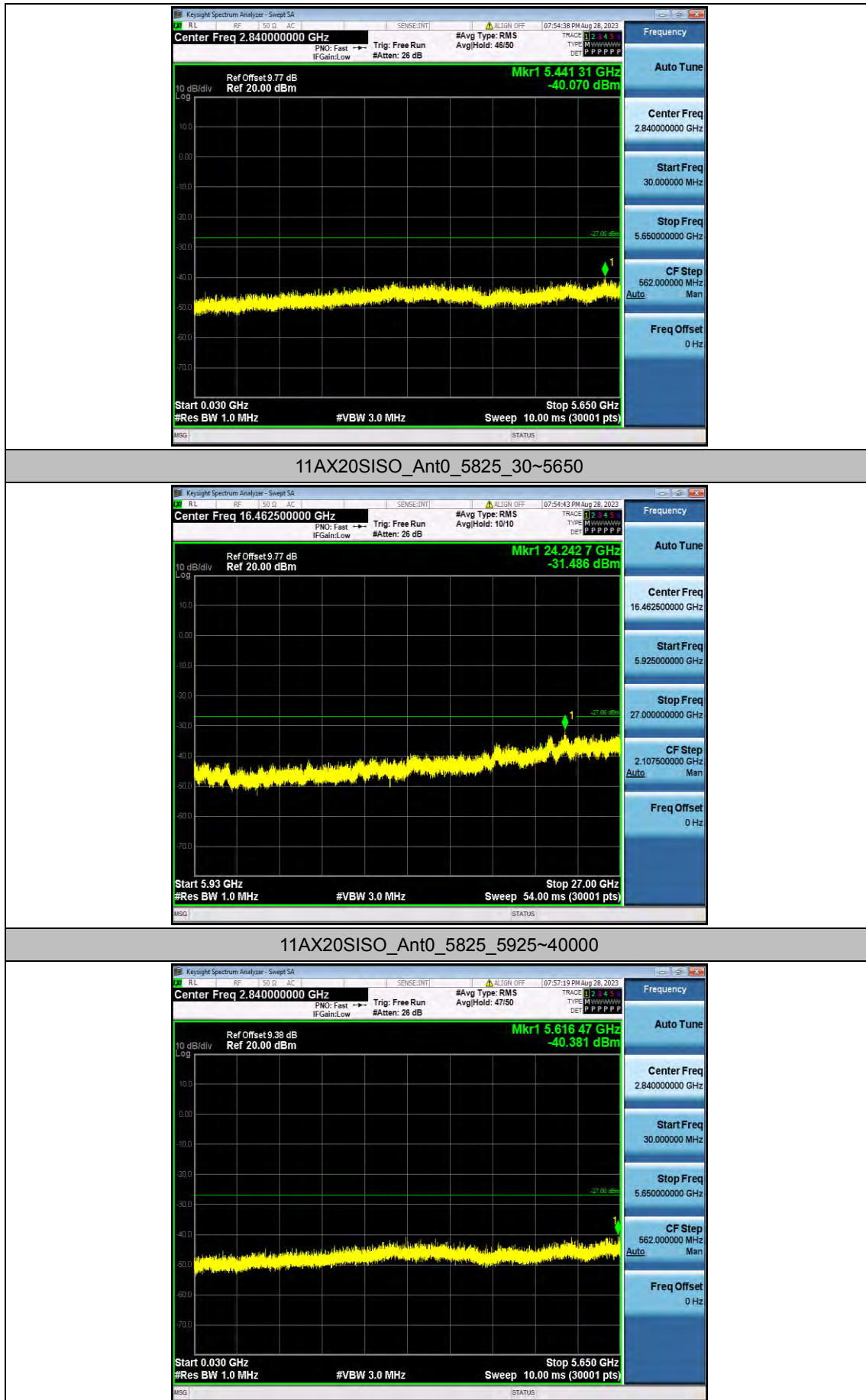
11AX20SISO_Ant0_5745_5925~40000



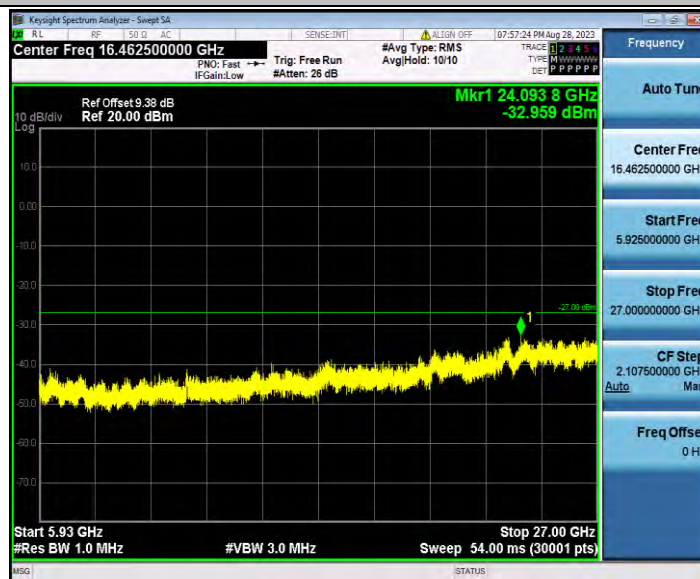
11AX20SISO_Ant0_5785_30~5650



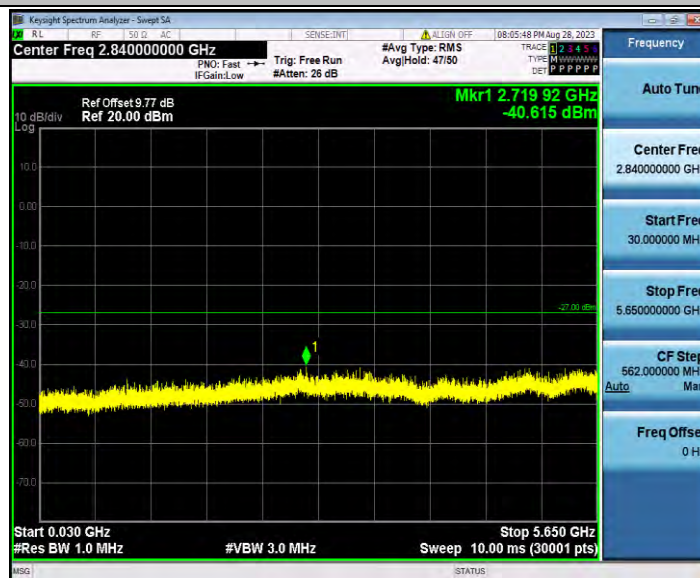
11AX20SISO_Ant0_5785_5925~40000



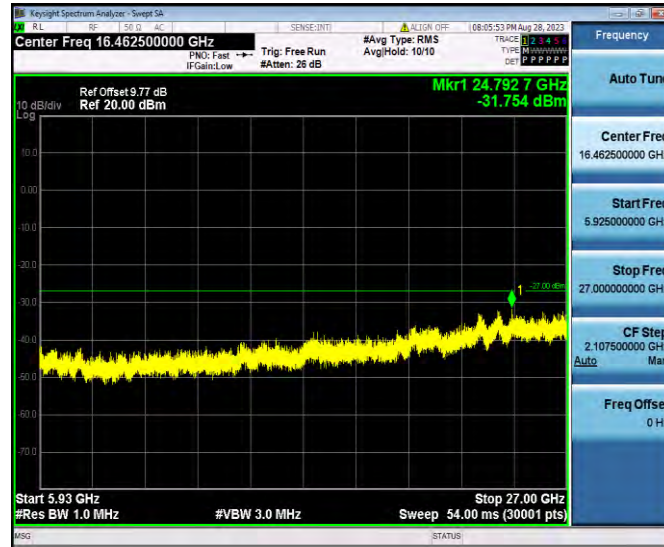
11AX40SISO_Ant0_5755_30~5650



11AX40SISO_Ant0_5755_5925~40000



11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~40000



11AX80SISO_Ant0_5775_30~5650



11AX80SISO_Ant0_5775_5925~40000