

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	6.54	92.73	0.33	6.87	≤30.00	PASS
		5785	6.49	91.86	0.37	6.86	≤30.00	PASS
		5825	6.20	93.98	0.27	6.47	≤30.00	PASS
11N20SISO	Ant1	5745	6.05	92.65	0.33	6.38	≤30.00	PASS
		5785	6.25	94.03	0.27	6.52	≤30.00	PASS
		5825	6.06	91.30	0.40	6.46	≤30.00	PASS
11N40SISO	Ant1	5755	5.38	84.55	0.73	6.11	≤30.00	PASS
		5795	5.67	85.45	0.68	6.35	≤30.00	PASS
11AC20SISO	Ant1	5745	6.10	91.35	0.39	6.49	≤30.00	PASS
		5785	6.30	94.53	0.24	6.54	≤30.00	PASS
		5825	6.10	91.79	0.37	6.47	≤30.00	PASS
11AC40SISO	Ant1	5755	5.50	84.55	0.73	6.23	≤30.00	PASS
		5795	5.67	86.24	0.64	6.31	≤30.00	PASS
11AX20SISO	Ant1	5745	6.49	90.63	0.43	6.92	≤30.00	PASS
		5785	6.32	90.63	0.43	6.75	≤30.00	PASS
		5825	6.24	89.02	0.51	6.75	≤30.00	PASS
11AX40SISO	Ant1	5755	5.63	82.22	0.85	6.48	≤30.00	PASS
		5795	5.64	81.52	0.89	6.53	≤30.00	PASS

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

Appendix E.5: Maximum power spectral density

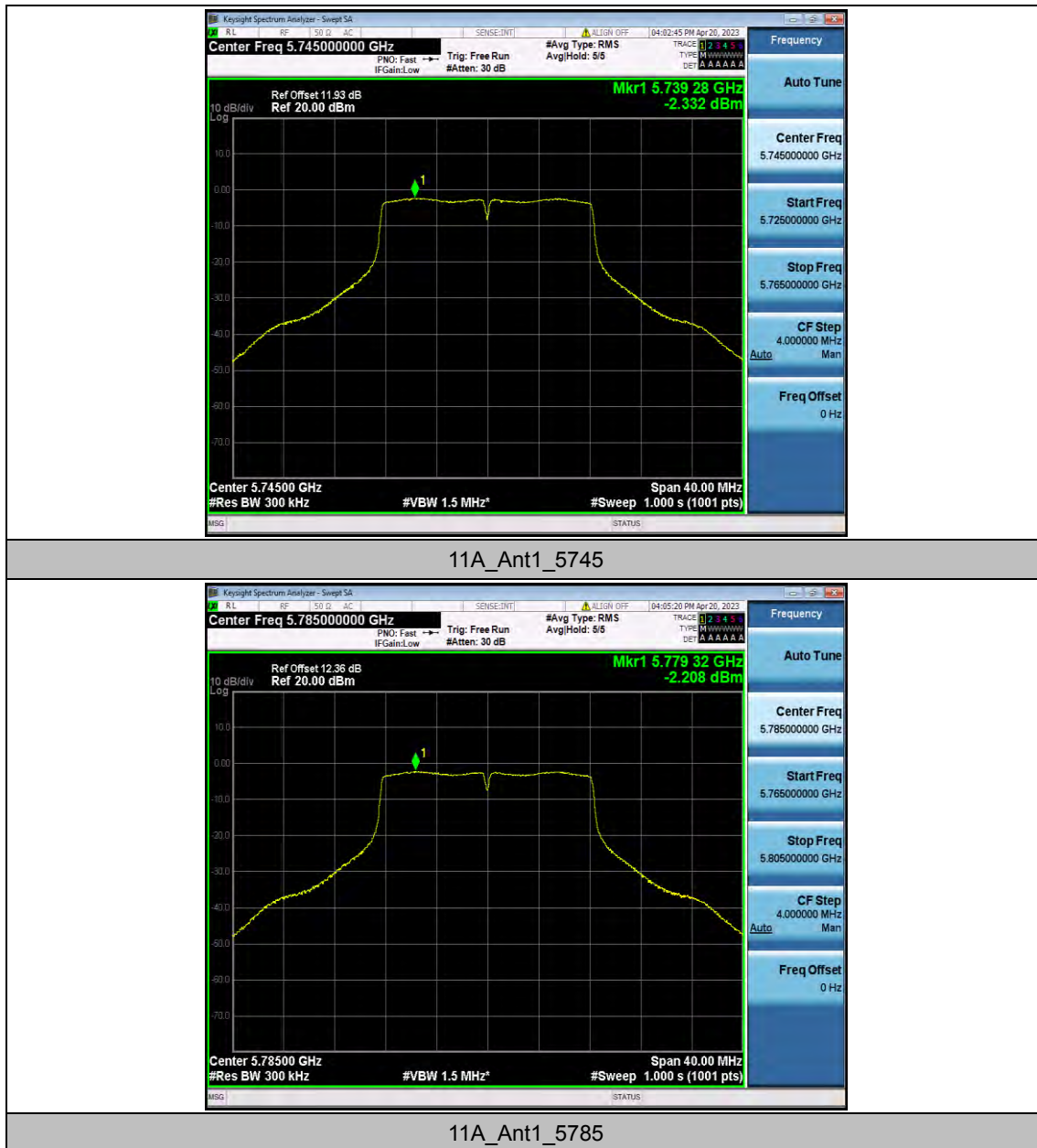
Test Result

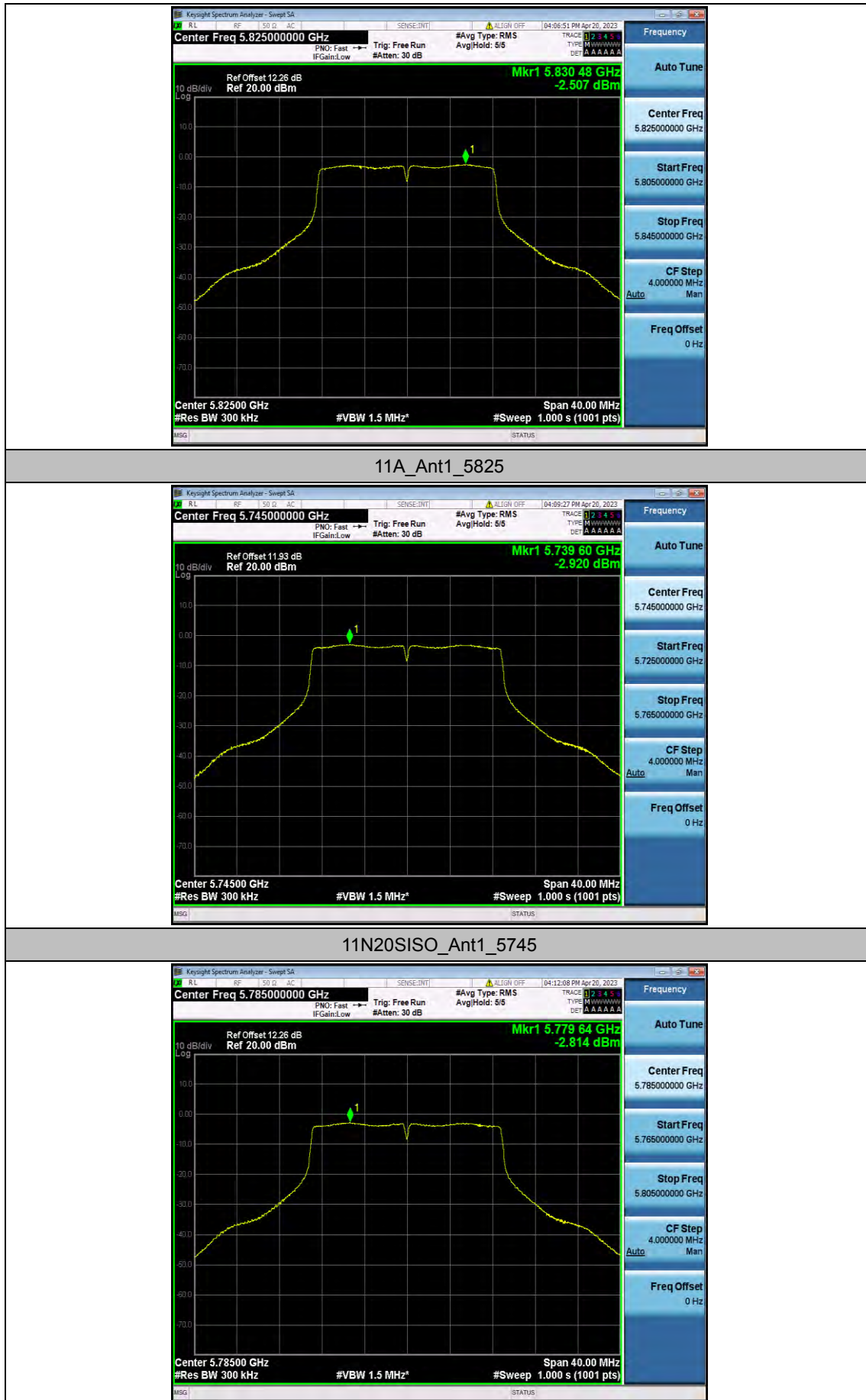
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.33	≤30.00	PASS
		5785	-2.21	≤30.00	PASS
		5825	-2.51	≤30.00	PASS
11N20SISO	Ant1	5745	-2.92	≤30.00	PASS
		5785	-2.81	≤30.00	PASS
		5825	-2.79	≤30.00	PASS
11N40SISO	Ant1	5755	-6.38	≤30.00	PASS
		5795	-6.23	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.88	≤30.00	PASS
		5785	-2.86	≤30.00	PASS
		5825	-3.07	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.3	≤30.00	PASS
		5795	-6.12	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.04	≤30.00	PASS
		5785	-2.96	≤30.00	PASS
		5825	-3.02	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.34	≤30.00	PASS
		5795	-6.03	≤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

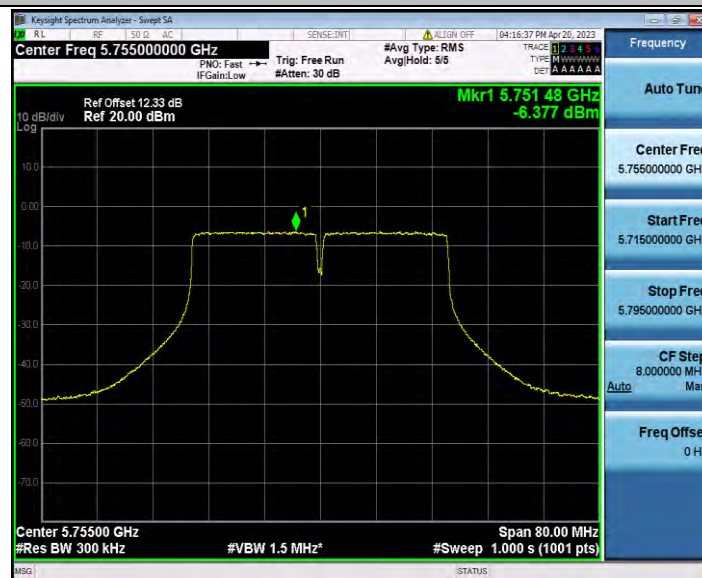




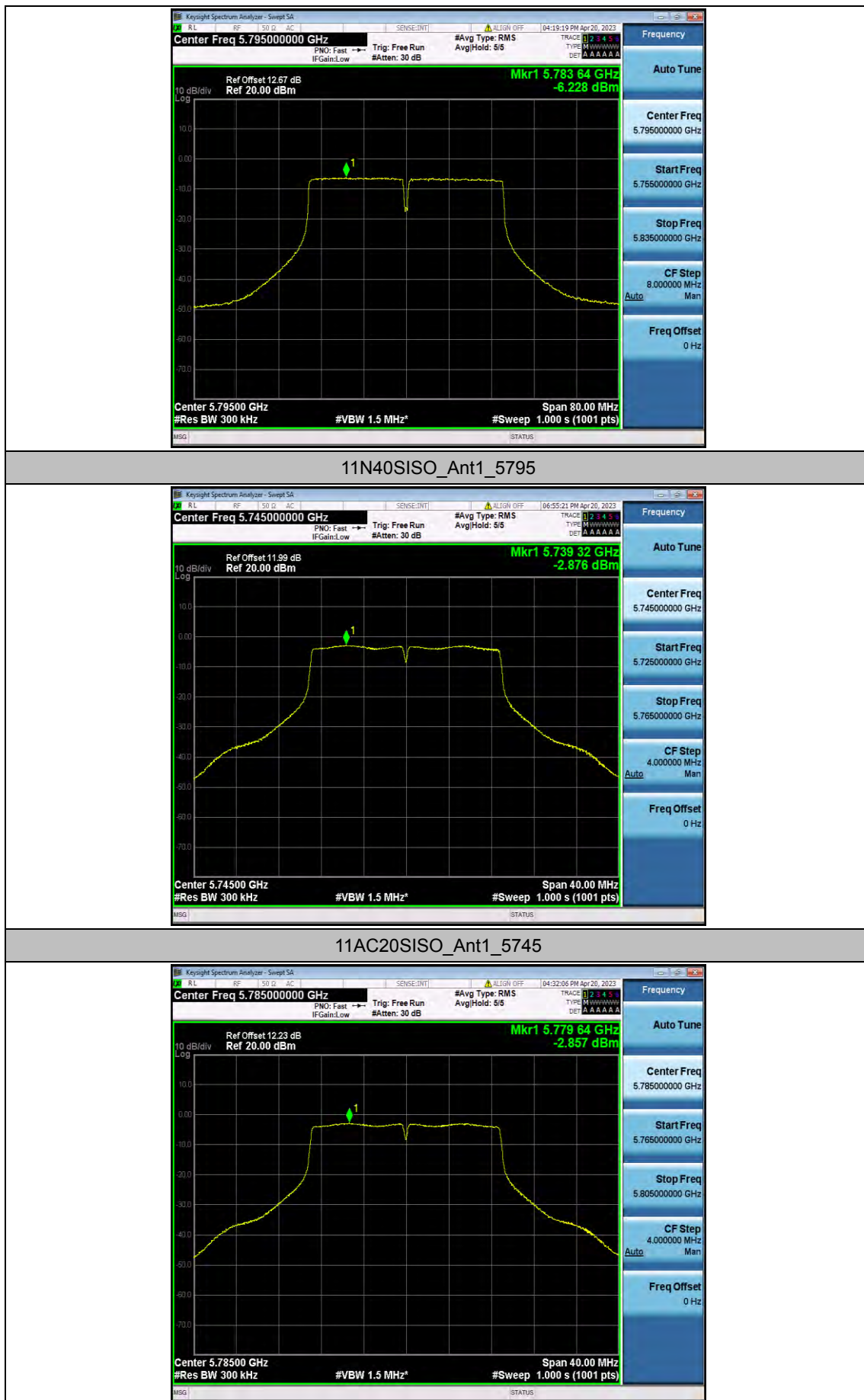
11N20SISO_Ant1_5785



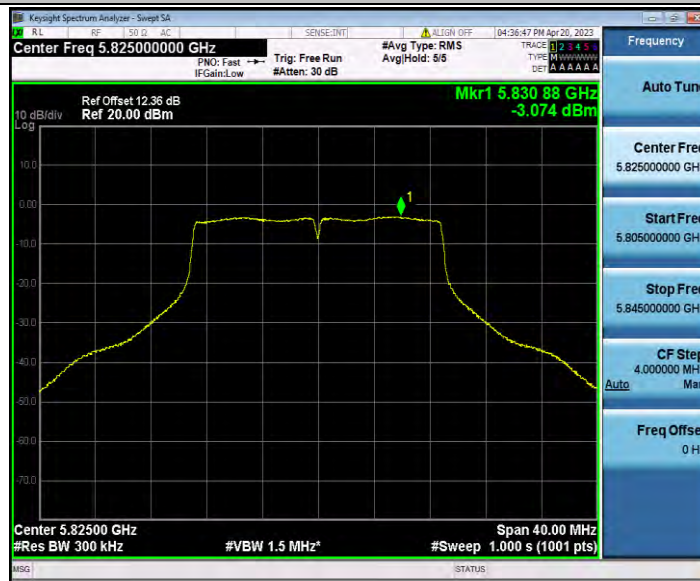
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



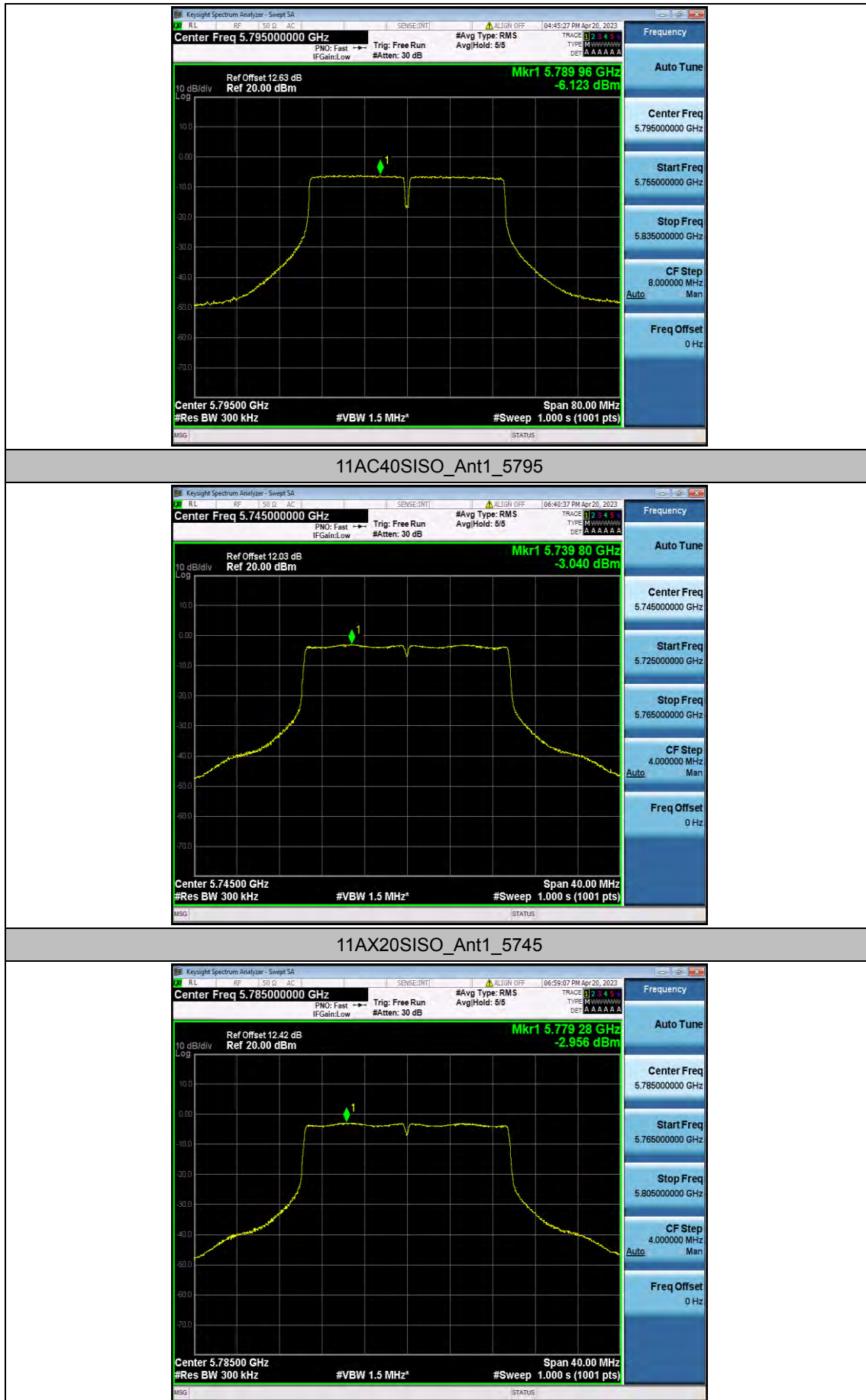
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



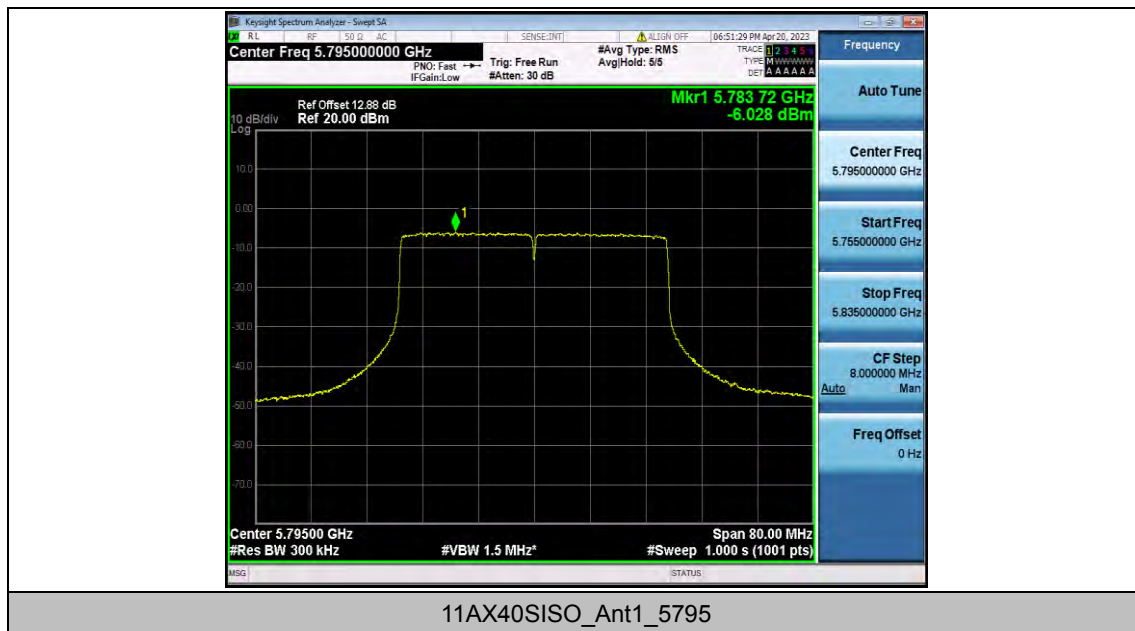
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.07	≤-26.45	PASS
				5700~5720	-31.27	≤14.98	PASS
				5720~5725	-28.28	≤19.75	PASS
				5760~5650	-38.24	≤-27	PASS
		High	5825	5850~5855	-33.7	≤18.56	PASS
				5855~5875	-36.77	≤10.66	PASS
				5875~5925	-38.03	≤7.71	PASS
				5925~5935	-37.89	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.48	≤-2.28	PASS
				5700~5720	-29.93	≤15.56	PASS
				5720~5725	-25.15	≤22.63	PASS
				5760~5650	-39.03	≤-27	PASS
		High	5825	5850~5855	-34.11	≤16.41	PASS
				5855~5875	-36.82	≤10.17	PASS
				5875~5925	-38.49	≤-6.28	PASS
				5925~5935	-38.63	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-36.06	≤9.46	PASS
				5700~5720	-31.6	≤14.41	PASS
				5720~5725	-28.87	≤26.82	PASS
				5780~5650	-38.8	≤-27	PASS
		High	5795	5850~5855	-37.65	≤16.79	PASS
				5855~5875	-38.44	≤11.89	PASS
				5875~5925	-38.43	≤-13.86	PASS
				5925~5935	-38.5	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-37.81	≤-22.28	PASS
				5700~5720	-33.54	≤15.27	PASS
				5720~5725	-30.28	≤23.68	PASS
				5760~5650	-38.88	≤-27	PASS
		High	5825	5850~5855	-34.23	≤22.26	PASS
				5855~5875	-38.18	≤10.66	PASS
				5875~5925	-38.05	≤-16.47	PASS
				5925~5935	-38.02	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-37.65	≤9.26	PASS
				5700~5720	-31.19	≤15.58	PASS
				5720~5725	-28.08	≤25.28	PASS
				5780~5650	-38.97	≤-27	PASS

		High	5795	5850~5855	-37.8	≤ 19.42	PASS
				5855~5875	-38.12	≤ 13.32	PASS
				5875~5925	-37.96	≤ -19.60	PASS
				5925~5935	-38.67	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.62	≤ -17.42	PASS
				5700~5720	-31.9	≤ 15.53	PASS
				5720~5725	-27.63	≤ 17.13	PASS
				5760~5650	-38.3	≤ -27	PASS
		High	5825	5850~5855	-30.41	≤ 24.10	PASS
				5855~5875	-36.97	≤ 12.18	PASS
				5875~5925	-38.59	≤ -13.37	PASS
				5925~5935	-38.77	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-36.15	≤ 7.46	PASS
				5700~5720	-29.87	≤ 14.71	PASS
				5720~5725	-25.69	≤ 17.58	PASS
				5780~5650	-39.22	≤ -27	PASS
		High	5795	5850~5855	-35.81	≤ 15.66	PASS
				5855~5875	-38.2	≤ 14.43	PASS
				5875~5925	-37.99	≤ -26.07	PASS
				5925~5935	-38.72	≤ -27	PASS

Test Graphs B4



11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



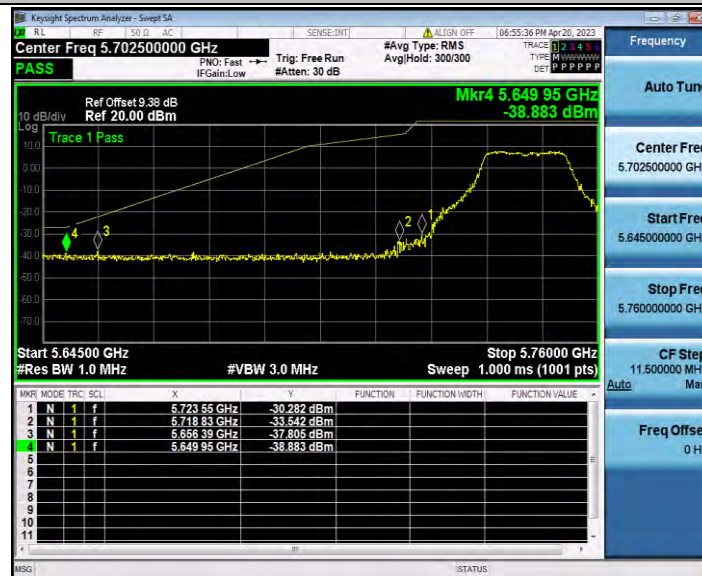
11N20SISO_Ant1_High_5825



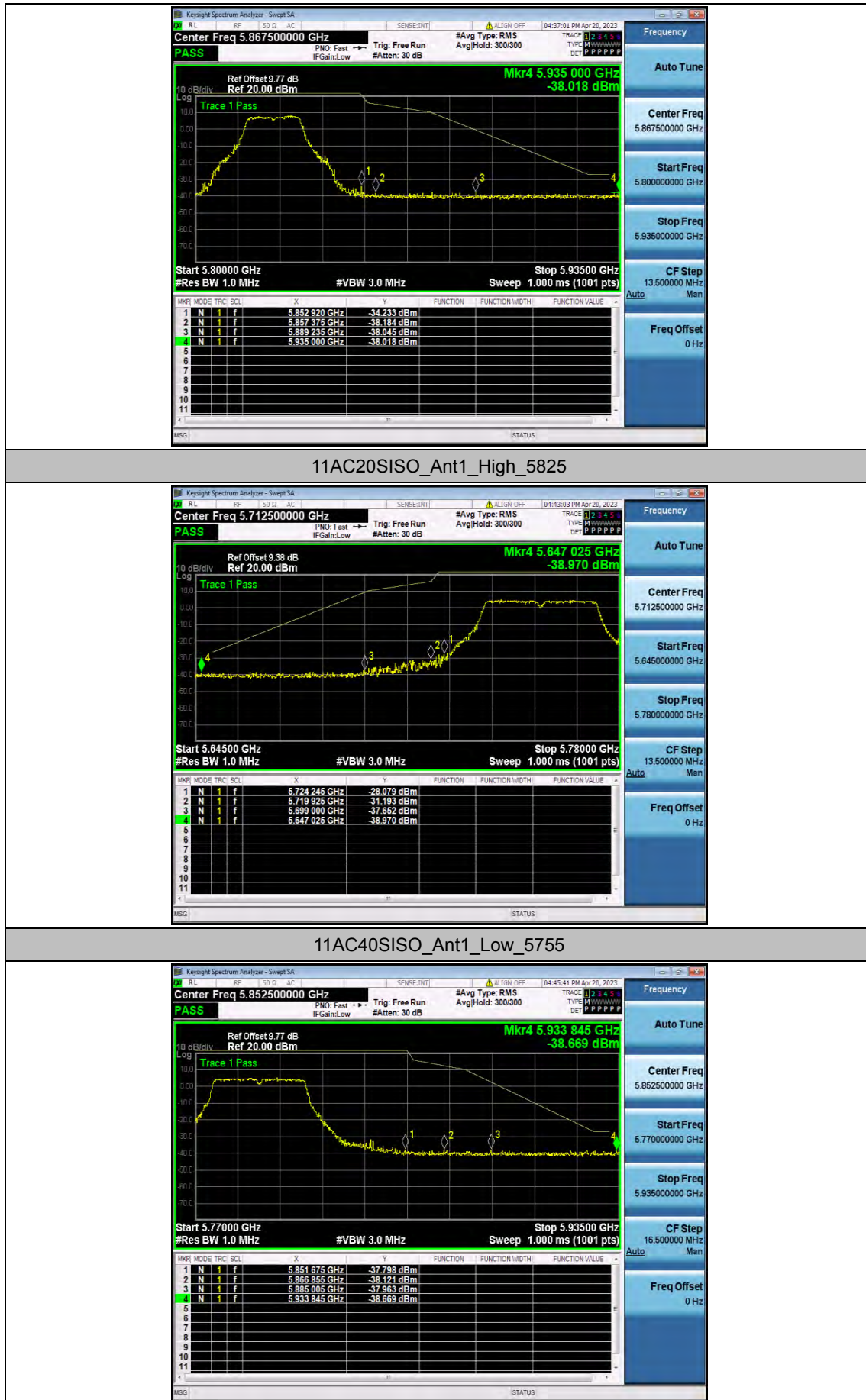
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC40SISO_Ant1_High_5795



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



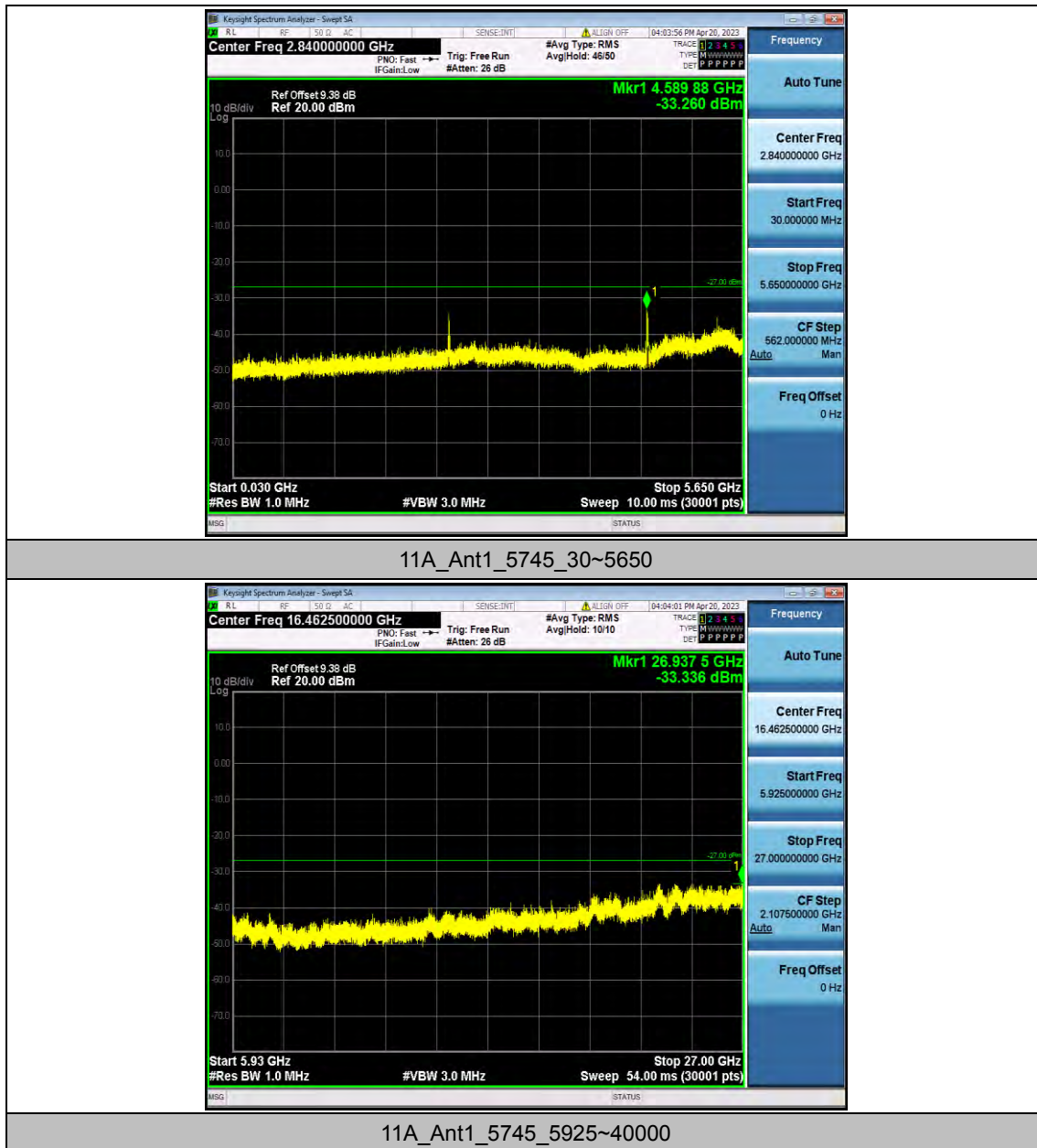
11AX40SISO_Ant1_High_5795

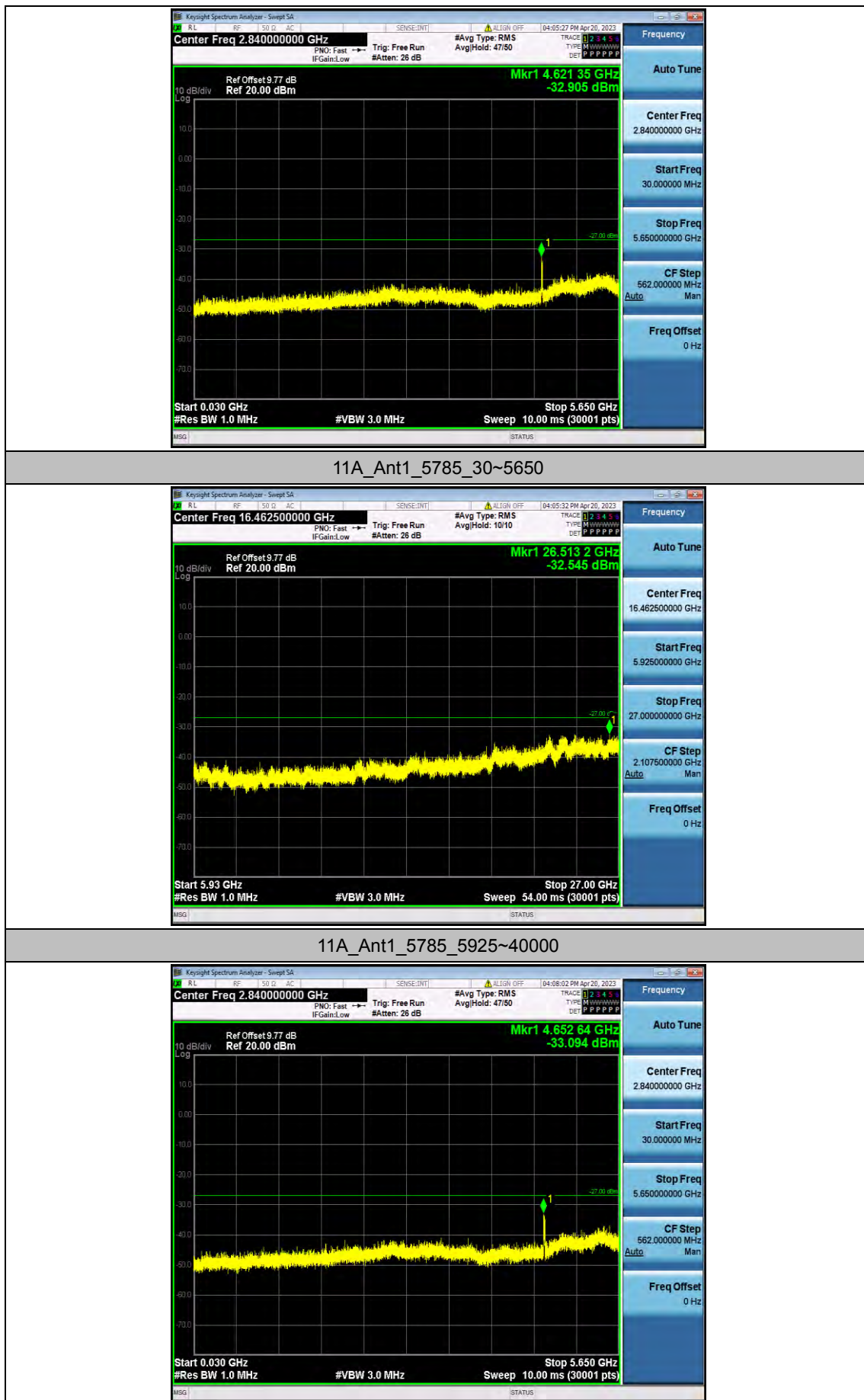
Appendix E.7: Conducted Spurious Emission

Test Result

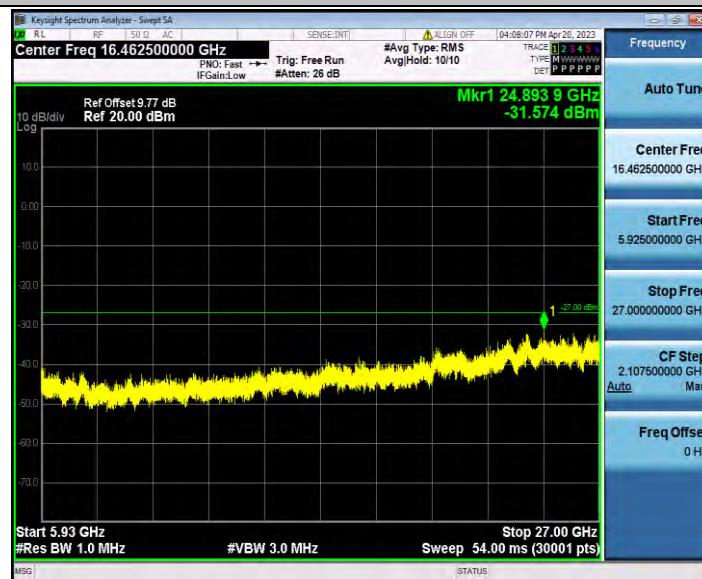
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	4589.88	-33.26	≤-27	PASS
			5925~40000	26937.48	-33.34	≤-27	PASS
		5785	30~5650	4621.35	-32.91	≤-27	PASS
			5925~40000	26513.17	-32.55	≤-27	PASS
		5825	30~5650	4652.64	-33.09	≤-27	PASS
			5925~40000	24893.91	-31.57	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4589.88	-33.51	≤-27	PASS
			5925~40000	24311.53	-32.83	≤-27	PASS
		5785	30~5650	4628.1	-34.18	≤-27	PASS
			5925~40000	24291.16	-31.44	≤-27	PASS
		5825	30~5650	4653.2	-33.08	≤-27	PASS
			5925~40000	24303.1	-32.19	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4586.88	-31.98	≤-27	PASS
			5925~40000	26668.42	-33	≤-27	PASS
		5795	30~5650	4619.29	-30.59	≤-27	PASS
			5925~40000	24787.83	-32.57	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4588.19	-34.51	≤-27	PASS
			5925~40000	24253.93	-32.84	≤-27	PASS
		5785	30~5650	4620.79	-33.99	≤-27	PASS
			5925~40000	26690.2	-30.9	≤-27	PASS
		5825	30~5650	4651.89	-33.38	≤-27	PASS
			5925~40000	24922.71	-32.39	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4620.98	-31.13	≤-27	PASS
			5925~40000	26669.83	-32.85	≤-27	PASS
		5795	30~5650	4620.79	-31.2	≤-27	PASS
			5925~40000	23550.02	-31.77	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4605.05	-33	≤-27	PASS
			5925~40000	26505.44	-32.83	≤-27	PASS
		5785	30~5650	4619.85	-33.18	≤-27	PASS
			5925~40000	24237.07	-32.63	≤-27	PASS
		5825	30~5650	4651.51	-31.98	≤-27	PASS
			5925~40000	23564.07	-32.71	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4586.7	-30.93	≤-27	PASS
			5925~40000	26591.15	-32.57	≤-27	PASS
		5795	30~5650	4618.92	-30.04	≤-27	PASS
			5925~40000	26881.98	-32.05	≤-27	PASS

Test Graphs





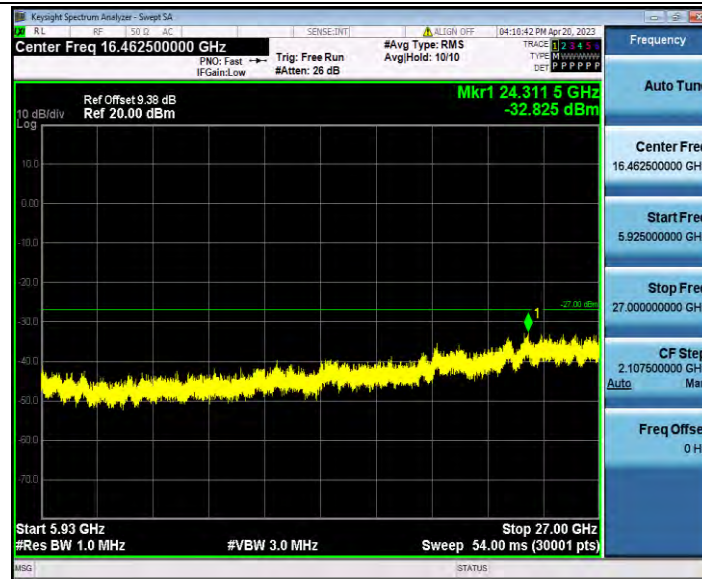
11A_Ant1_5825_30~5650



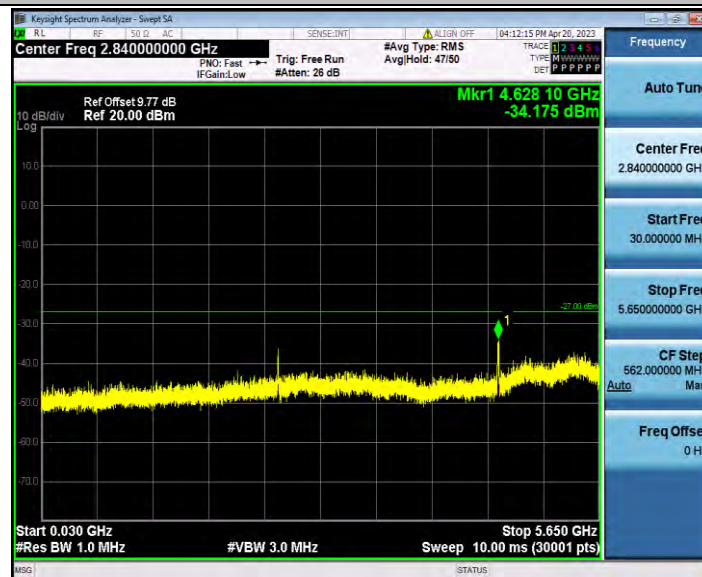
11A_Ant1_5825_5925~40000



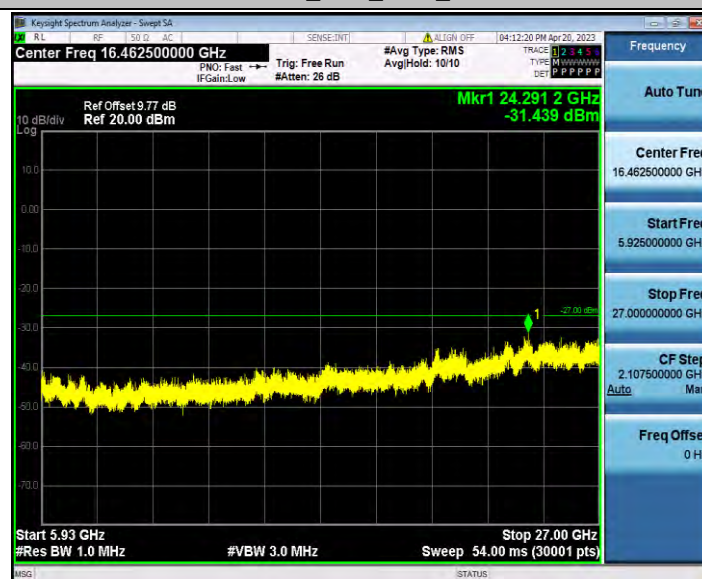
11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~40000



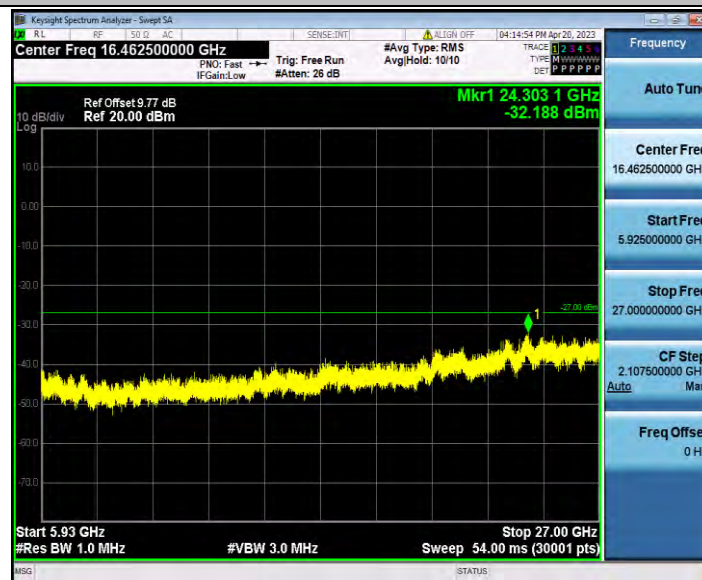
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



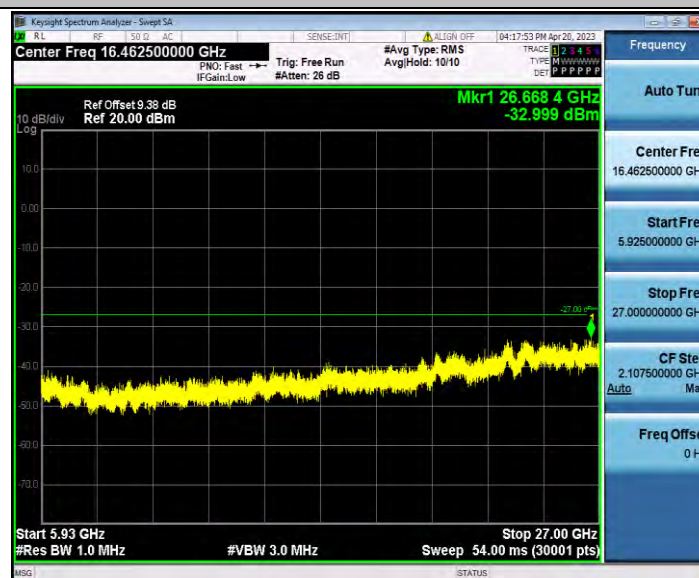
11N20SISO_Ant1_5825_30~5650



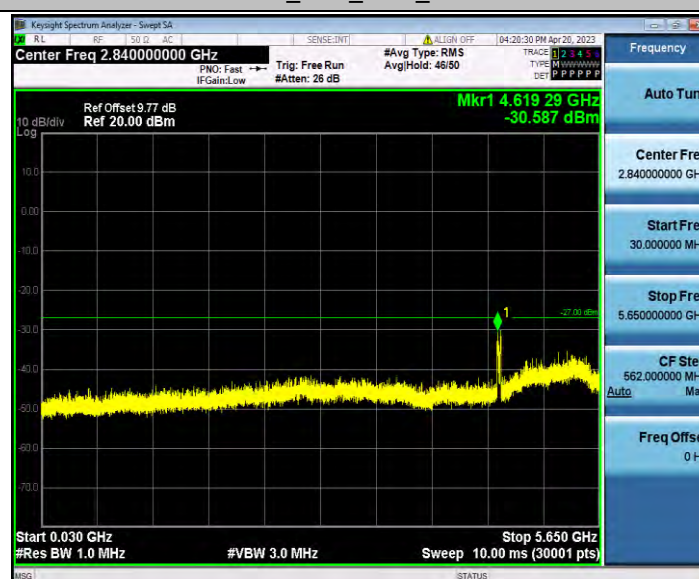
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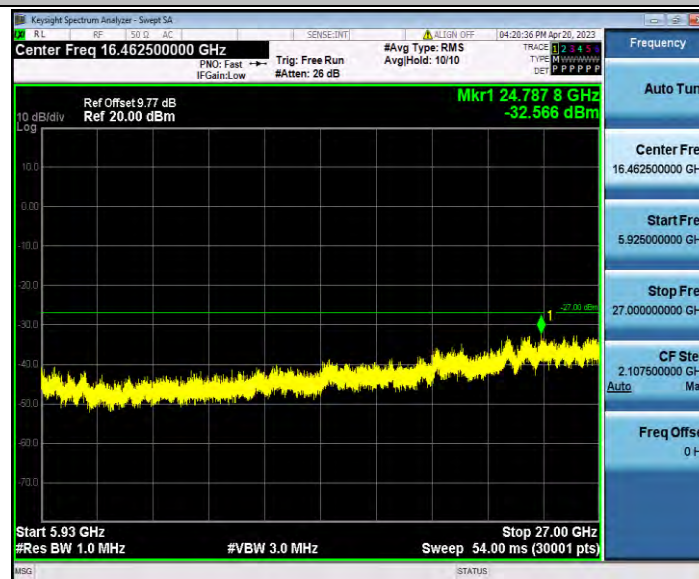
11N40SISO_Ant1_5755_30~5650



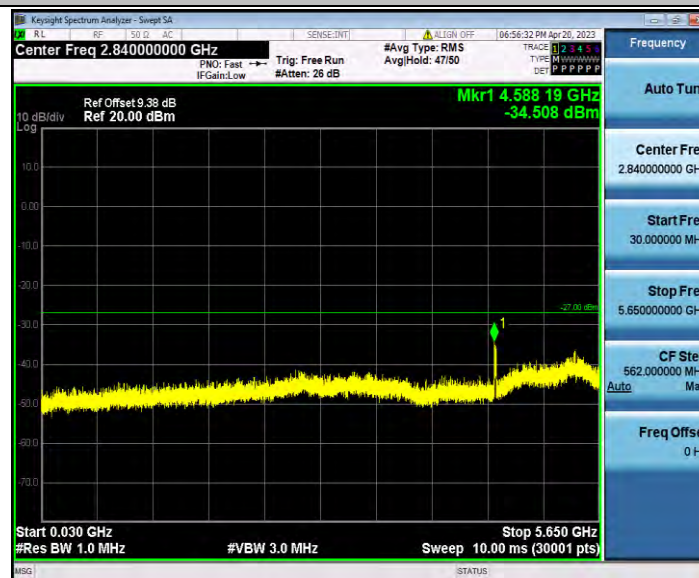
11N40SISO_Ant1_5755_5925~40000



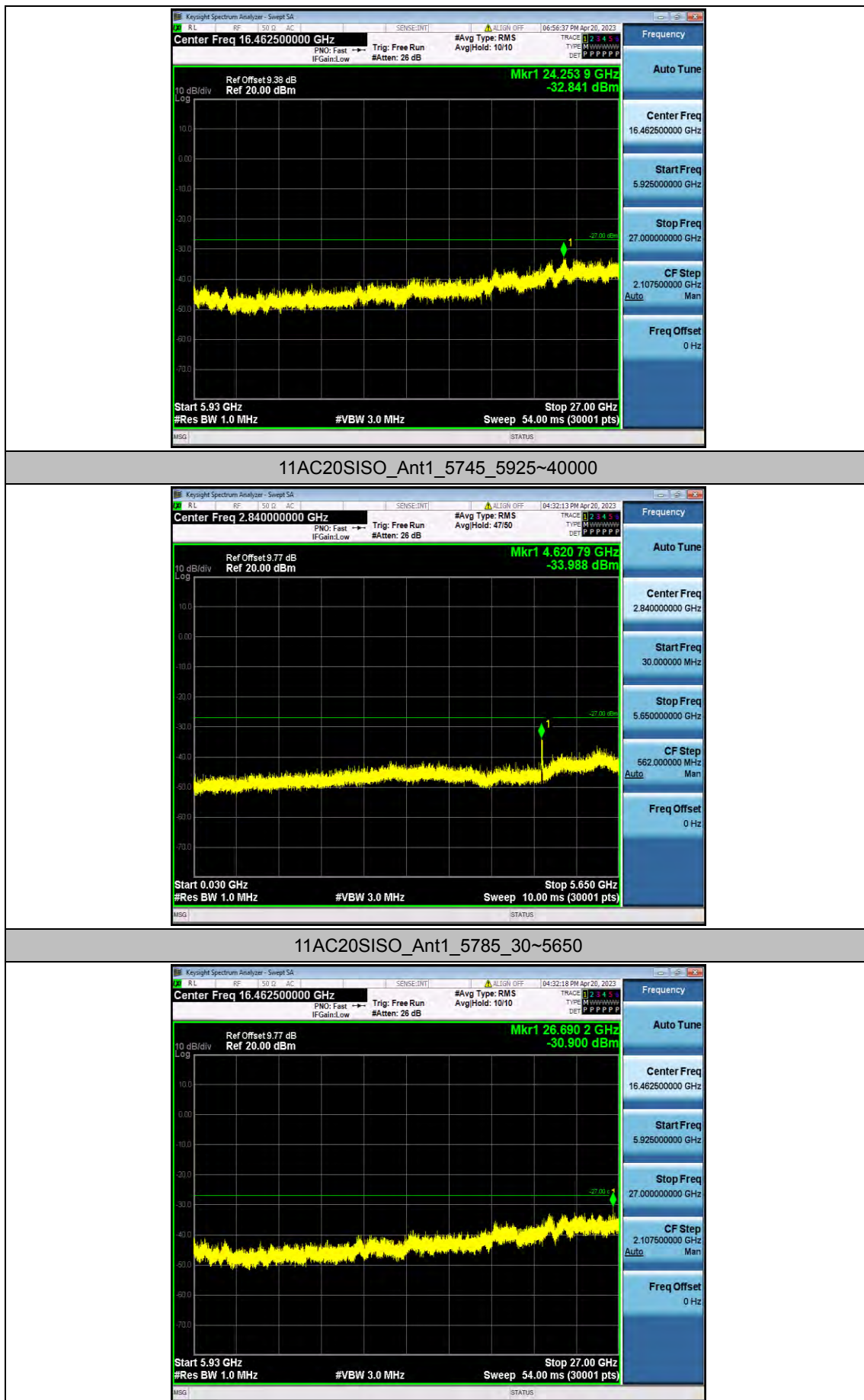
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



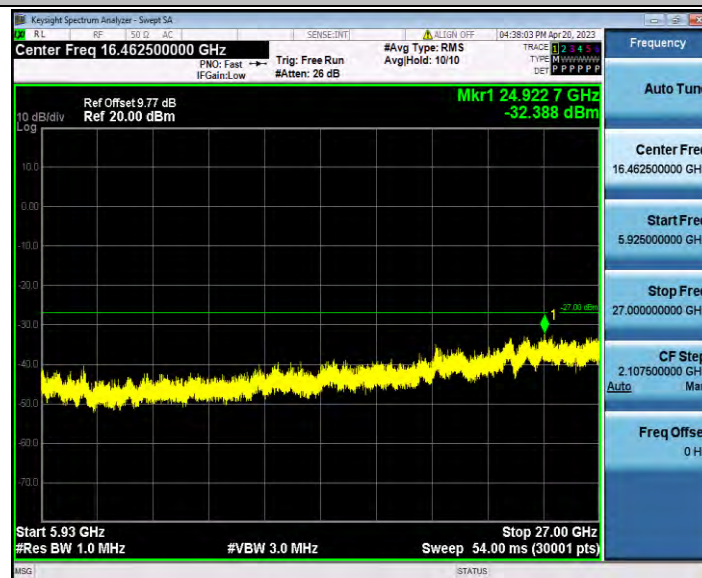
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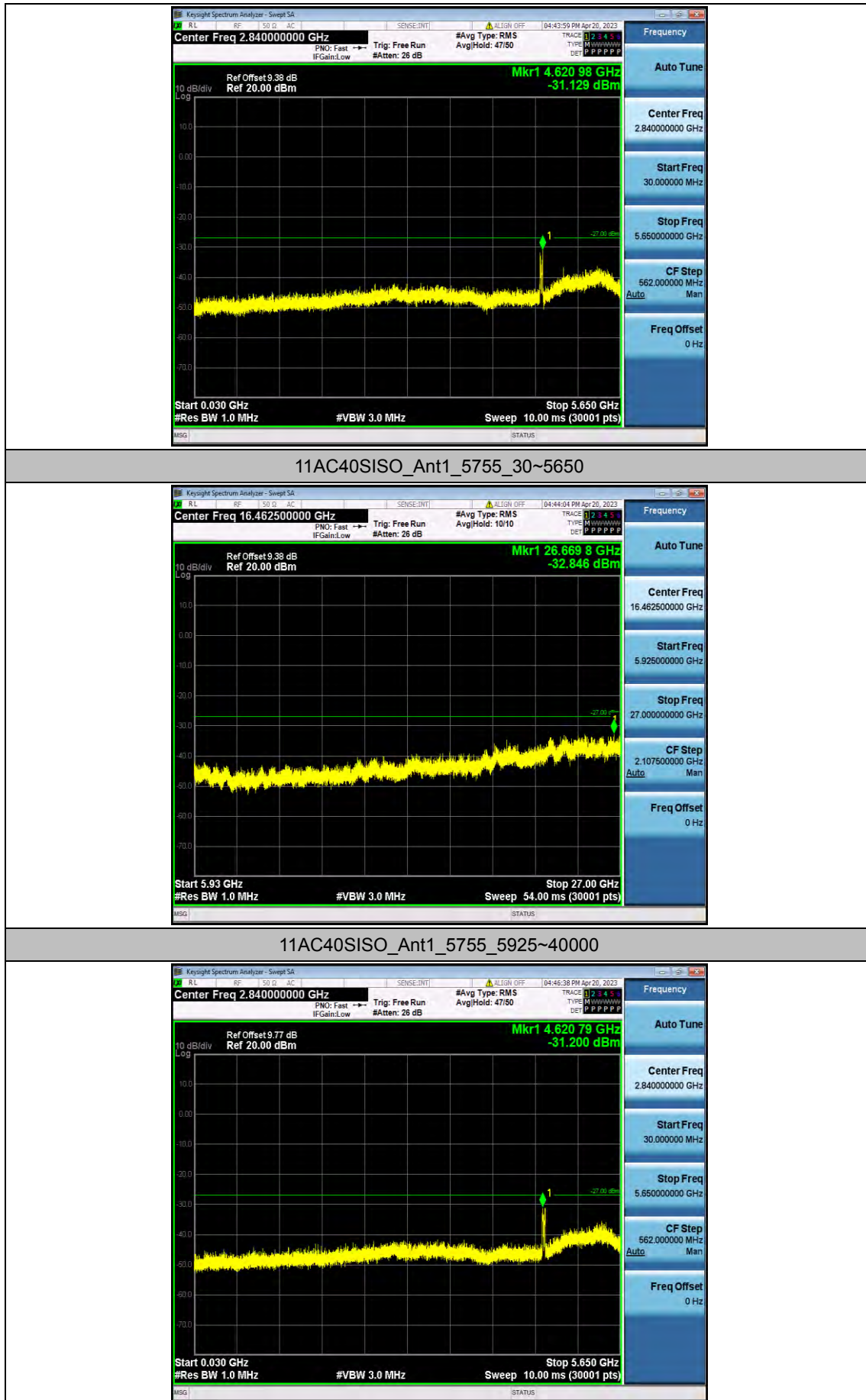
11AC20SISO_Ant1_5785_5925~40000



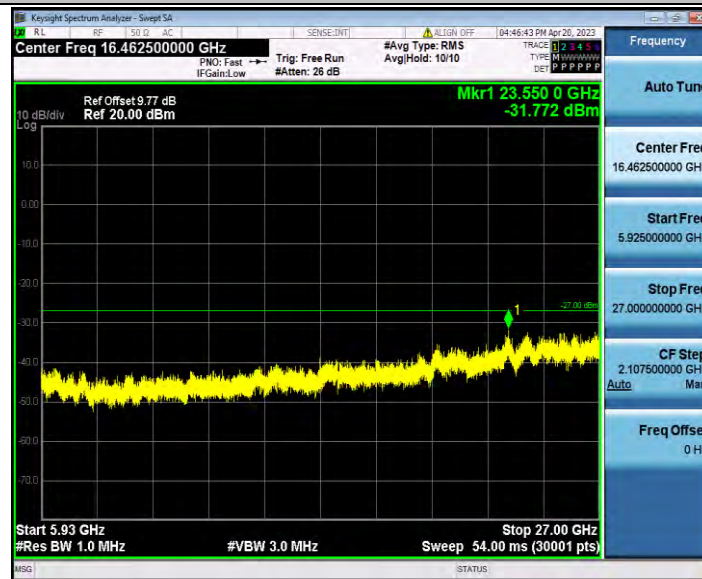
11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~40000



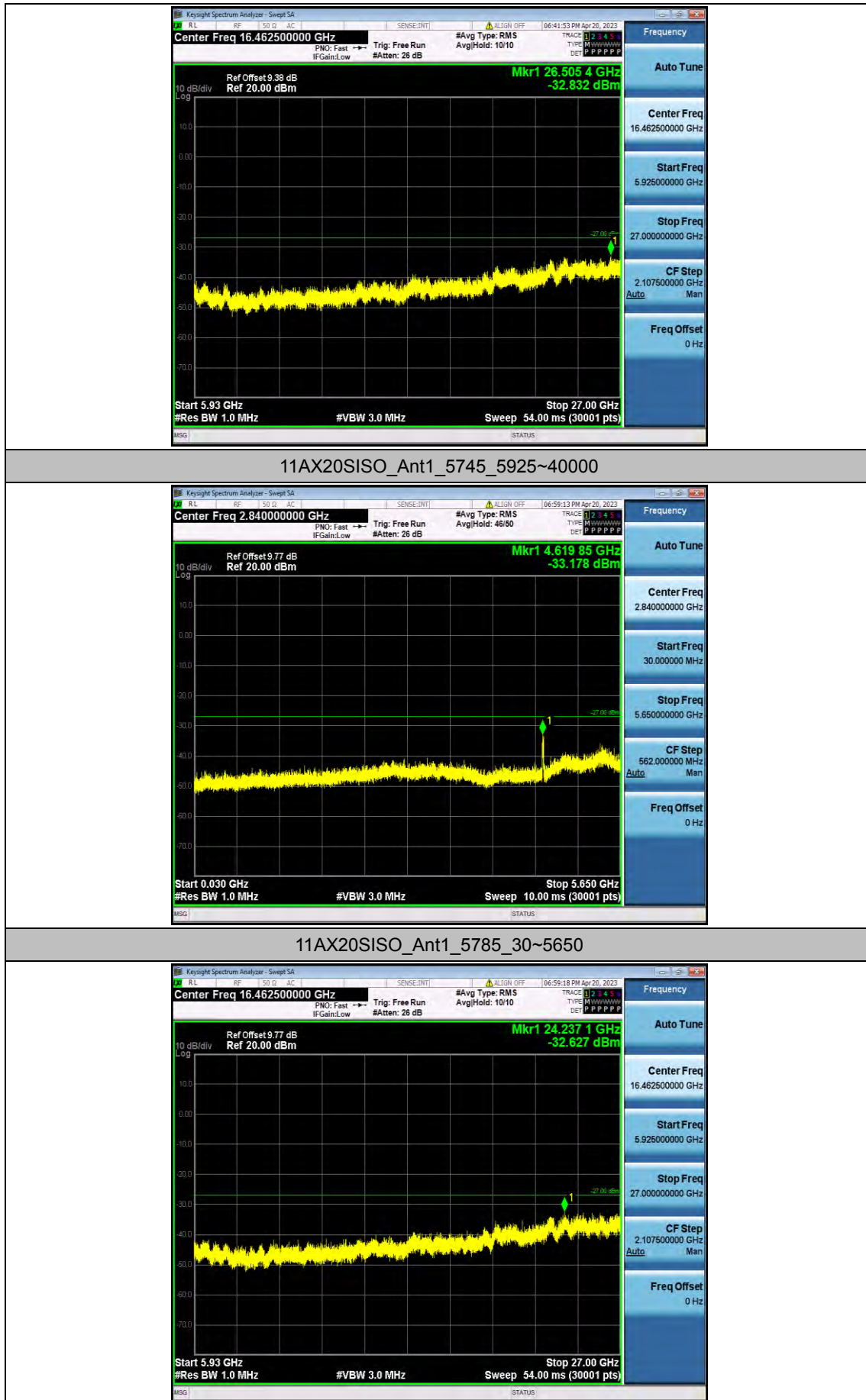
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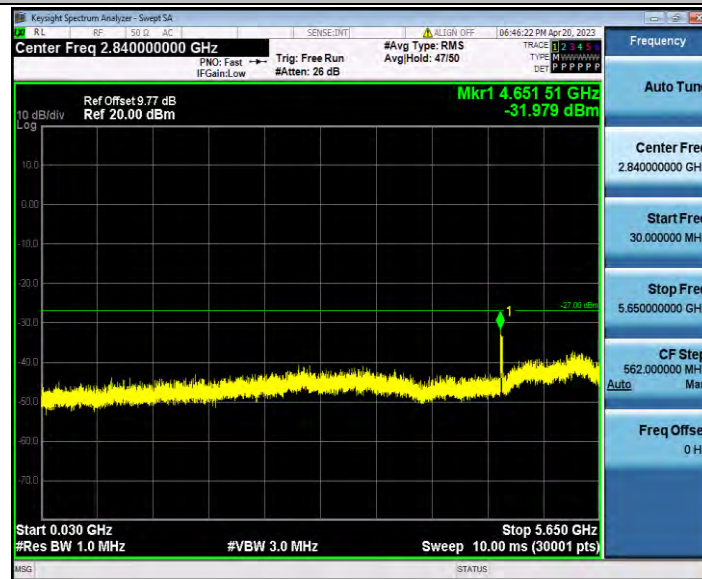
11AC40SISO_Ant1_5795_5925~40000



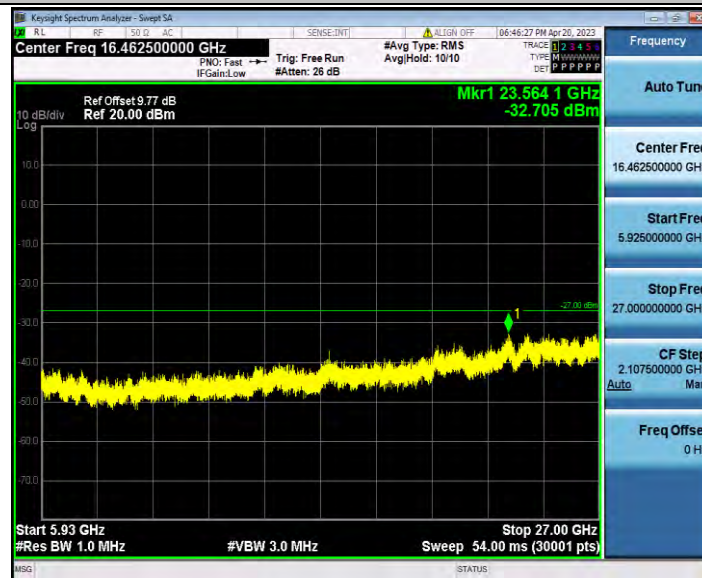
11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5785_5925~40000



11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000

