

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	11.25	80.95	0.92	12.17	≤30.00	PASS
		5785	12.10	80.95	0.92	13.02	≤30.00	PASS
		5825	12.65	85.71	0.67	13.32	≤30.00	PASS
11N20SISO	Ant0	5745	13.65	95.95	0.18	13.83	≤30.00	PASS
		5785	13.63	94.67	0.24	13.87	≤30.00	PASS
		5825	13.10	94.67	0.24	13.34	≤30.00	PASS
11N40SISO	Ant0	5755	7.78	69.43	1.58	9.36	≤30.00	PASS
		5795	8.43	69.52	1.58	10.01	≤30.00	PASS
11AC20SISO	Ant0	5745	10.57	83.33	0.79	11.36	≤30.00	PASS
		5785	11.13	77.78	1.09	12.22	≤30.00	PASS
		5825	11.75	78.95	1.03	12.78	≤30.00	PASS
11AC40SISO	Ant0	5755	6.57	58.93	2.30	8.87	≤30.00	PASS
		5795	7.51	58.97	2.29	9.80	≤30.00	PASS
11AC80SISO	Ant0	5775	5.27	42.89	3.68	9.95	≤30.00	PASS
11AX20SISO	Ant0	5745	7.08	66.67	1.76	8.84	≤30.00	PASS
		5785	8.24	63.16	2.00	10.24	≤30.00	PASS
		5825	8.57	66.67	1.76	10.33	≤30.00	PASS
11AX40SISO	Ant0	5755	6.12	56.80	2.46	8.58	≤30.00	PASS
		5795	6.80	56.69	2.46	9.26	≤30.00	PASS
11AX80SISO	Ant0	5775	8.18	50.39	2.98	11.16	≤30.00	PASS

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

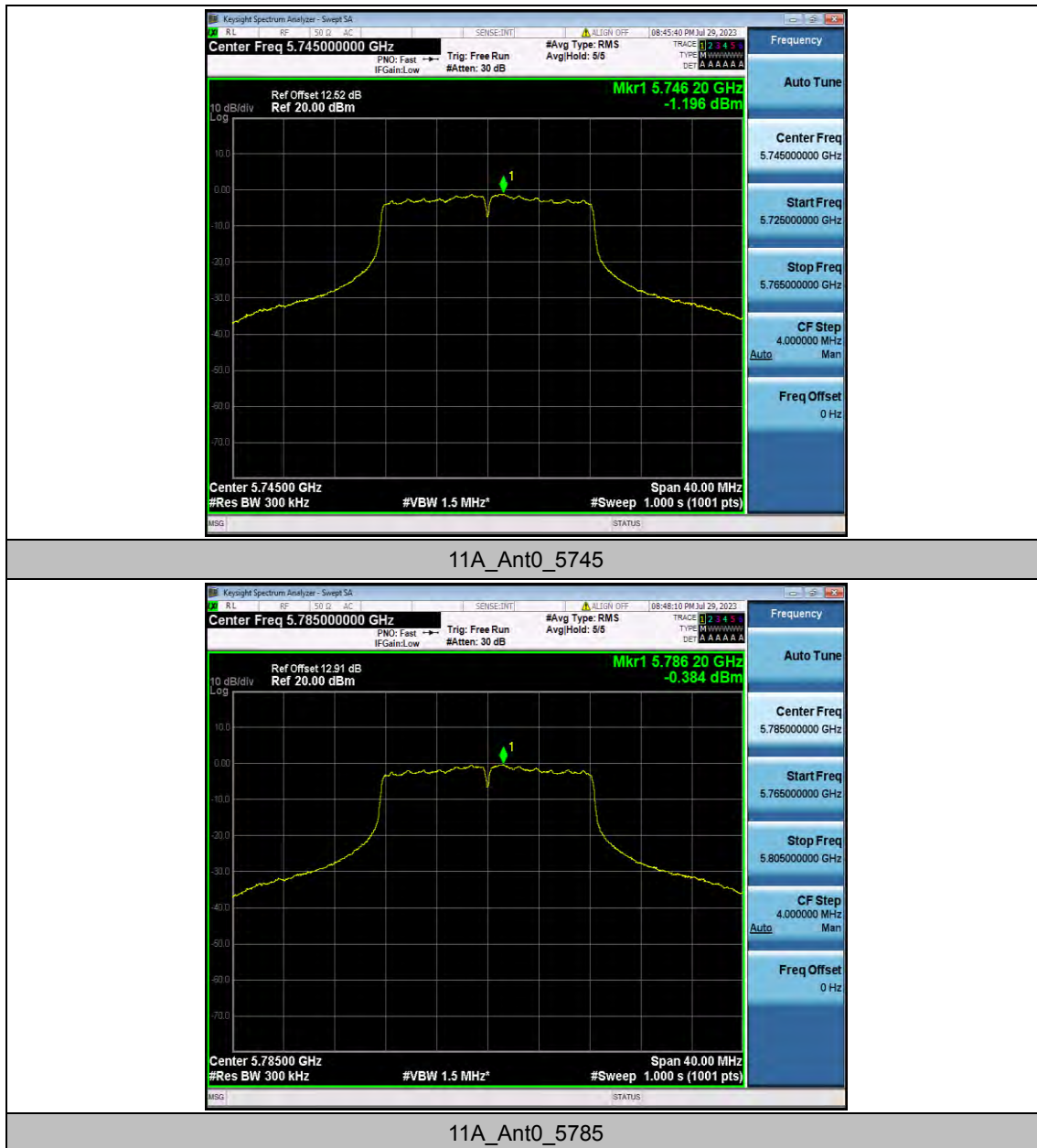
Appendix G.5: Maximum power spectral density

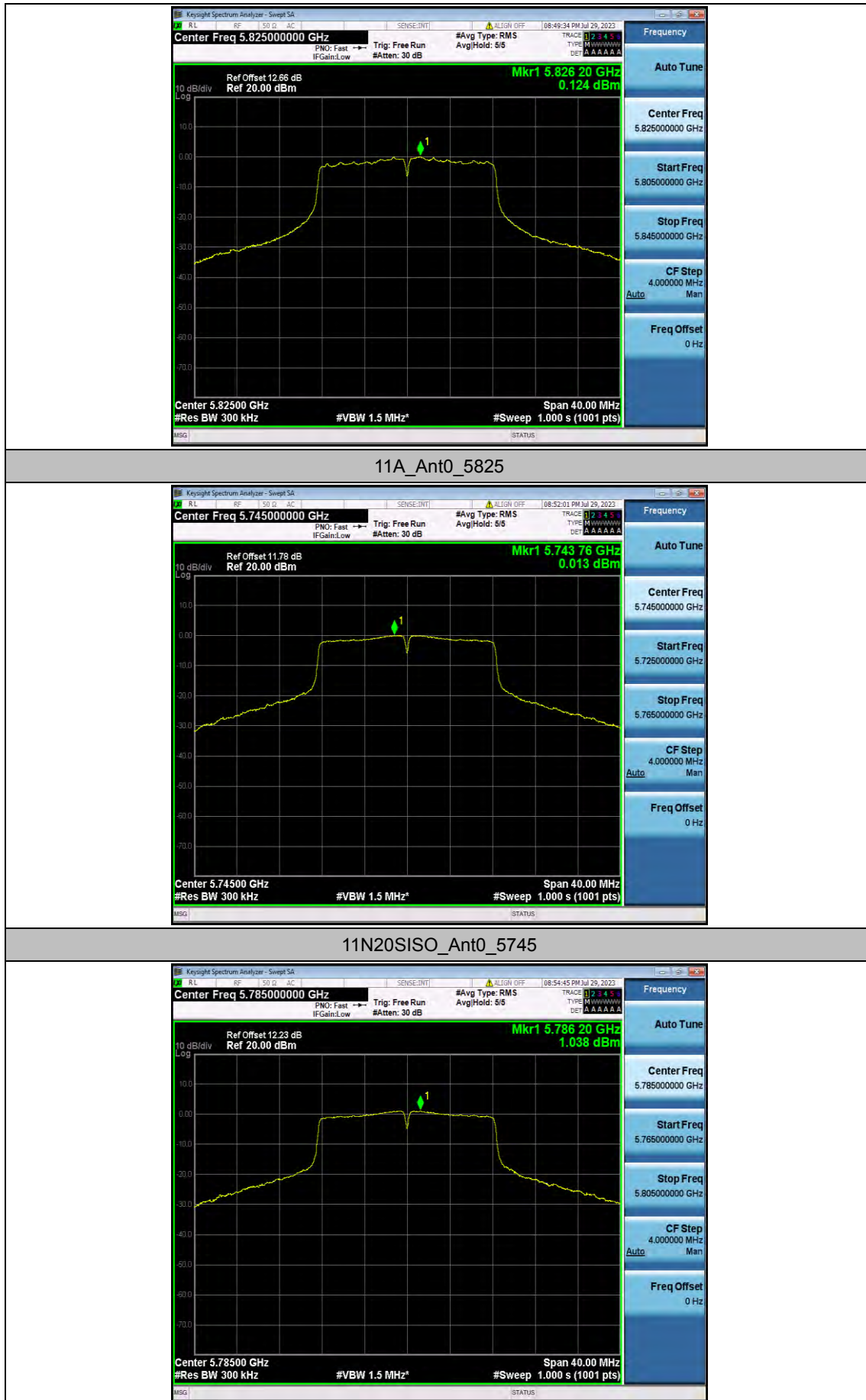
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-1.2	≤30.00	PASS
		5785	-0.38	≤30.00	PASS
		5825	0.12	≤30.00	PASS
11N20SISO	Ant0	5745	0.01	≤30.00	PASS
		5785	1.04	≤30.00	PASS
		5825	1.58	≤30.00	PASS
11N40SISO	Ant0	5755	-5.46	≤30.00	PASS
		5795	-4.53	≤30.00	PASS
11AC20SISO	Ant0	5745	-2.88	≤30.00	PASS
		5785	-1.6	≤30.00	PASS
		5825	-1.38	≤30.00	PASS
11AC40SISO	Ant0	5755	-6.86	≤30.00	PASS
		5795	-5.75	≤30.00	PASS
11AC80SISO	Ant0	5775	-10.11	≤30.00	PASS
11AX20SISO	Ant0	5745	-5.02	≤30.00	PASS
		5785	-3.77	≤30.00	PASS
		5825	-3.61	≤30.00	PASS
11AX40SISO	Ant0	5755	-6.76	≤30.00	PASS
		5795	-6.75	≤30.00	PASS
11AX80SISO	Ant0	5775	-7.63	≤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



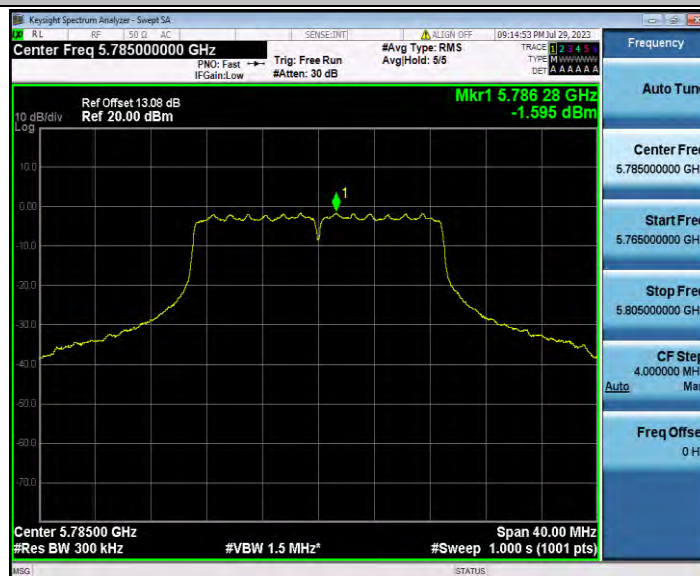
11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



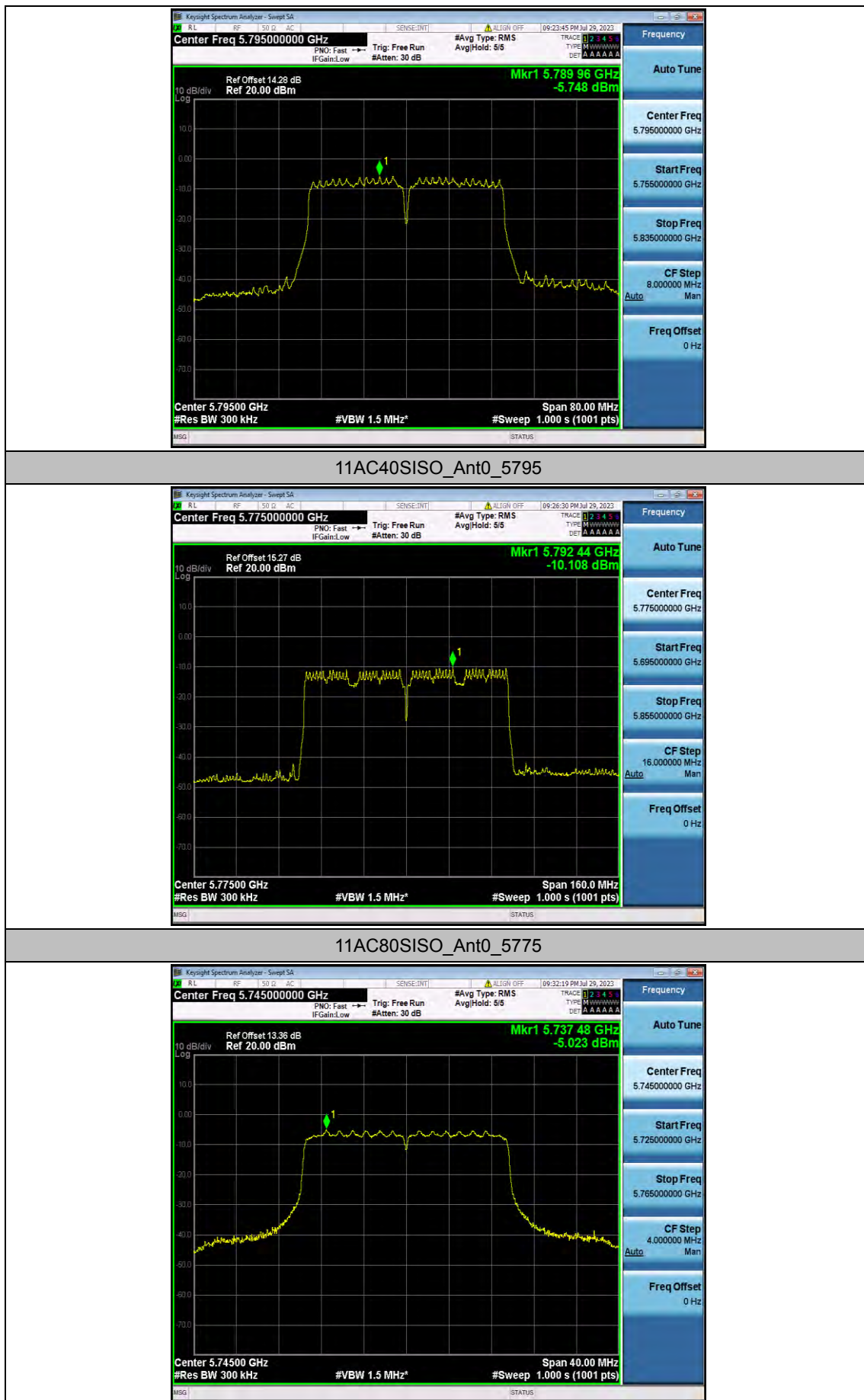
11AC20SISO_Ant0_5785



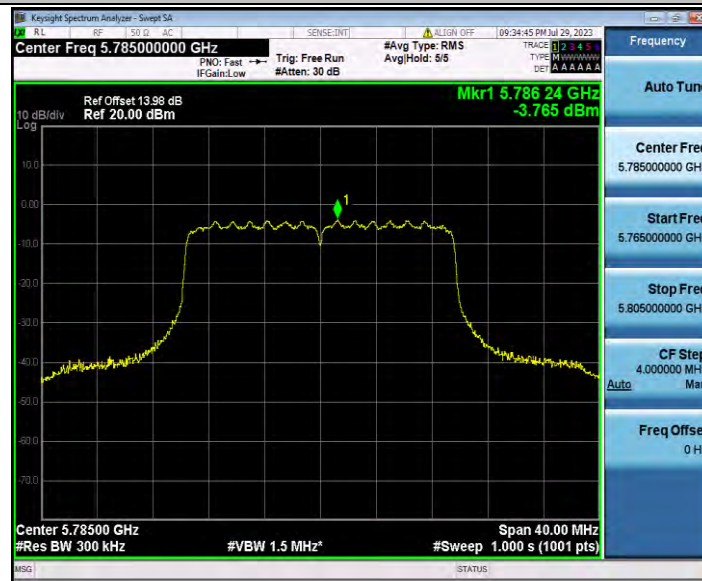
11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

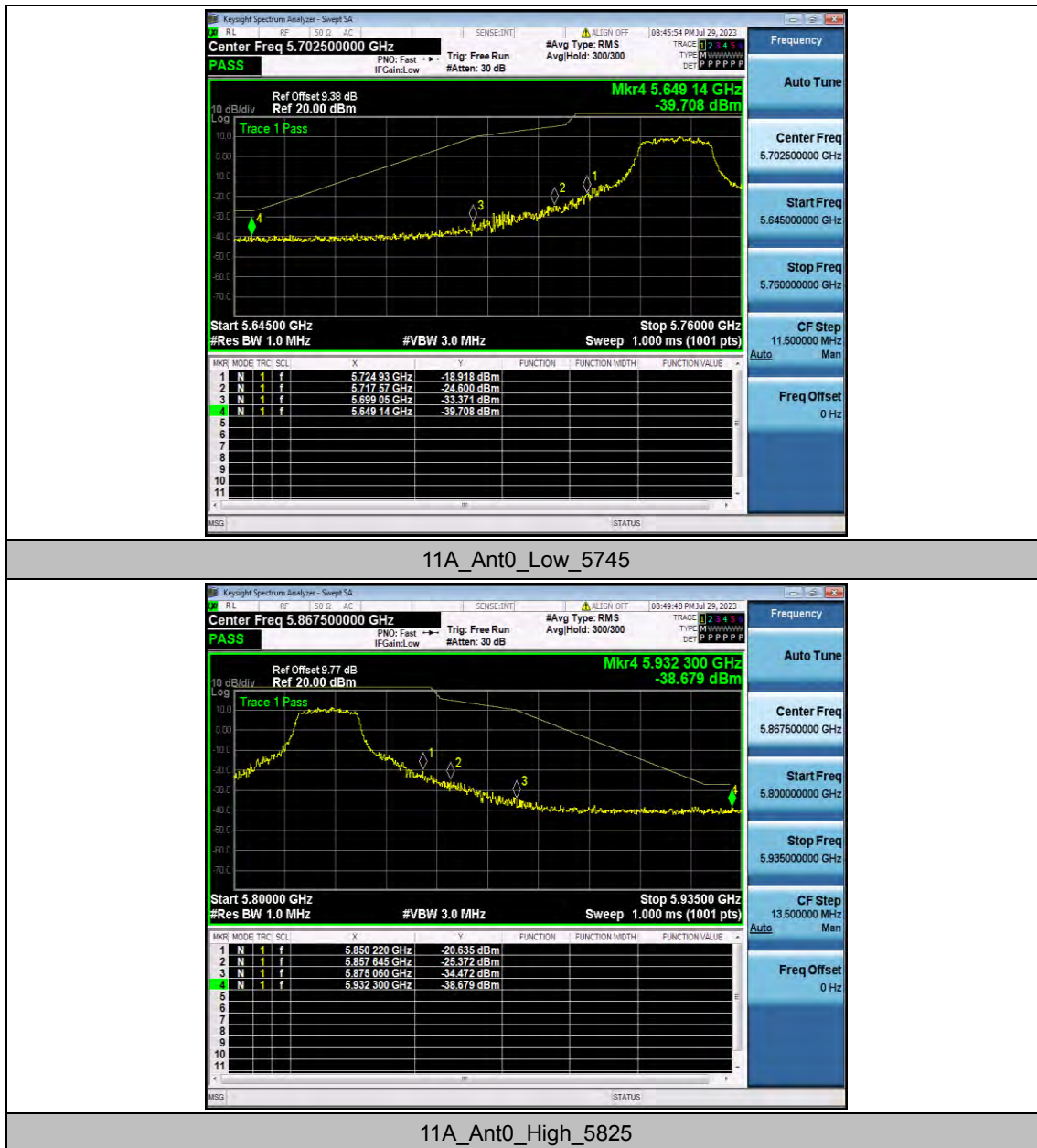
Appendix G.6: Band edge measurements

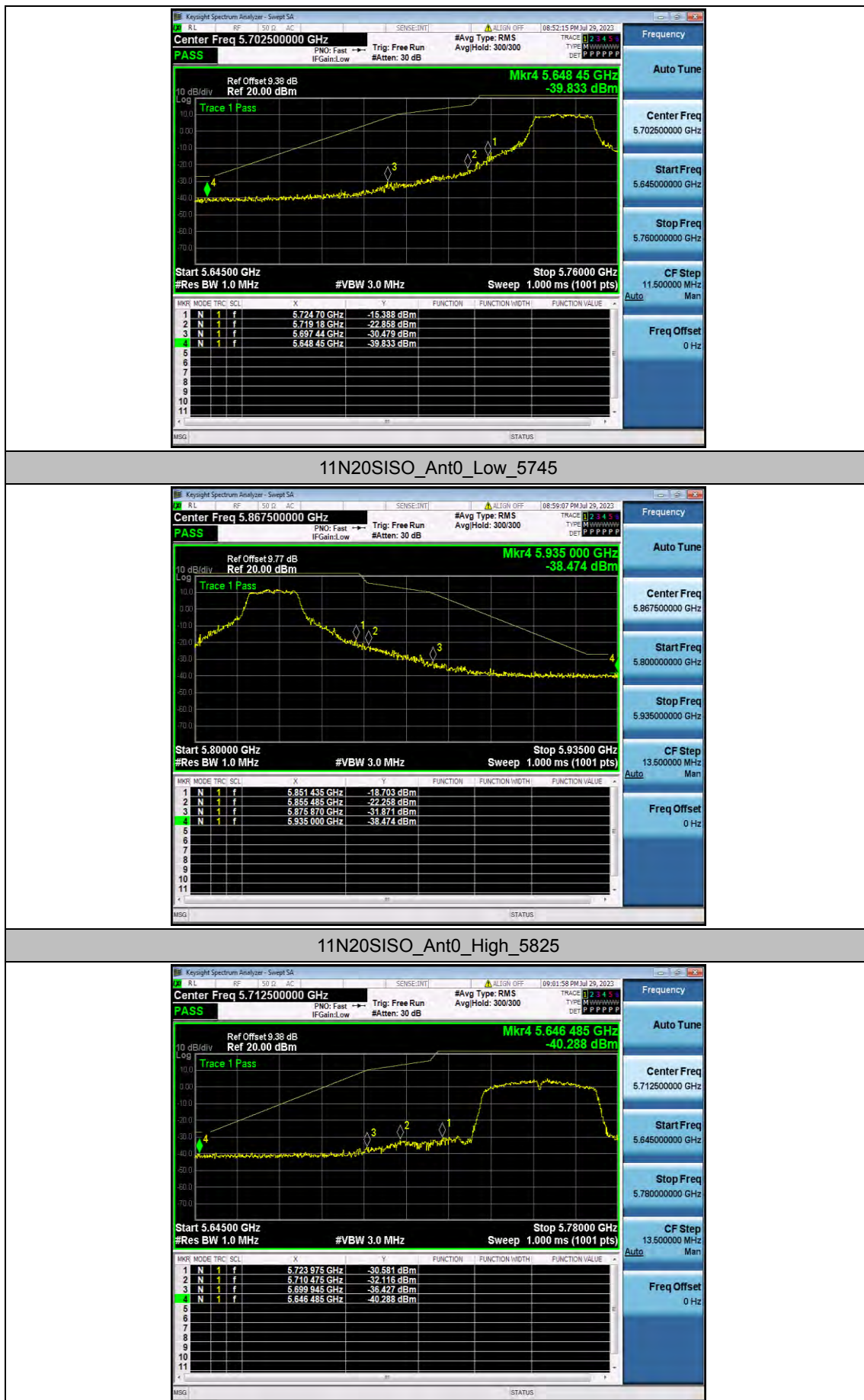
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-33.37	≤9.30	PASS
				5700~5720	-24.6	≤14.92	PASS
				5720~5725	-18.92	≤26.83	PASS
				5760~5650	-39.71	≤-27	PASS
		High	5825	5850~5855	-20.64	≤16.10	PASS
				5855~5875	-25.37	≤10.74	PASS
				5875~5925	-34.47	≤-26.96	PASS
				5925~5935	-38.68	≤-27	PASS
11N20SISO	Ant0	Low	5745	5650~5700	-30.48	≤8.11	PASS
				5700~5720	-22.86	≤15.37	PASS
				5720~5725	-15.39	≤26.30	PASS
				5760~5650	-39.83	≤-27	PASS
		High	5825	5850~5855	-18.7	≤18.87	PASS
				5855~5875	-22.26	≤10.14	PASS
				5875~5925	-31.87	≤-26.36	PASS
				5925~5935	-38.47	≤-27	PASS
11N40SISO	Ant0	Low	5755	5650~5700	-36.43	≤9.96	PASS
				5700~5720	-32.12	≤12.93	PASS
				5720~5725	-30.58	≤24.66	PASS
				5780~5650	-40.29	≤-27	PASS
		High	5795	5850~5855	-34.78	≤16.79	PASS
				5855~5875	-37.25	≤10.27	PASS
				5875~5925	-37.43	≤-16.42	PASS
				5925~5935	-38.59	≤-27	PASS
11AC20SISO	Ant0	Low	5745	5650~5700	-34.07	≤9.81	PASS
				5700~5720	-25.55	≤14.50	PASS
				5720~5725	-20.68	≤24.99	PASS
				5760~5650	-39.68	≤-27	PASS
		High	5825	5850~5855	-23.38	≤17.64	PASS
				5855~5875	-24.7	≤10.63	PASS
				5875~5925	-35.27	≤-26.16	PASS
				5925~5935	-39.02	≤-27	PASS
11AC40SISO	Ant0	Low	5755	5650~5700	-33.97	≤7.76	PASS
				5700~5720	-28.41	≤13.92	PASS
				5720~5725	-25.86	≤23.74	PASS
				5780~5650	-39.63	≤-27	PASS

		High	5795	5850~5855	-32.09	≤ 18.29	PASS
				5855~5875	-32.83	≤ 11.70	PASS
				5875~5925	-36.7	≤ -25.95	PASS
				5925~5935	-38.27	≤ -27	PASS
11AC80SI SO	Ant0	Low	5775	5650~5700	-35.72	≤ -0.42	PASS
				5700~5720	-36.24	≤ 14.09	PASS
				5720~5725	-37.25	≤ 16.35	PASS
				5800~5650	-39.46	≤ -27	PASS
		High	5775	5850~5855	-33.61	≤ 25.50	PASS
				5855~5875	-33.38	≤ 10.80	PASS
				5875~5925	-36.35	≤ -26.96	PASS
				5925~5935	-39.14	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-38.34	≤ 4.19	PASS
				5700~5720	-36.87	≤ 15.47	PASS
				5720~5725	-28.94	≤ 25.52	PASS
				5760~5650	-39.47	≤ -27	PASS
		High	5825	5850~5855	-33.83	≤ 20.10	PASS
				5855~5875	-34.28	≤ 10.40	PASS
				5875~5925	-37.88	≤ 3.31	PASS
				5925~5935	-38.32	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-36.84	≤ 0.67	PASS
				5700~5720	-32.01	≤ 14.86	PASS
				5720~5725	-33.76	≤ 23.12	PASS
				5780~5650	-39.45	≤ -27	PASS
		High	5795	5850~5855	-34.41	≤ 16.79	PASS
				5855~5875	-35.68	≤ 11.24	PASS
				5875~5925	-38.36	≤ -12.88	PASS
				5925~5935	-39.25	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-28.26	≤ -0.08	PASS
				5700~5720	-25.69	≤ 13.61	PASS
				5720~5725	-28.17	≤ 26.60	PASS
				5800~5650	-35.91	≤ -27	PASS
		High	5775	5850~5855	-27.1	≤ 22.54	PASS
				5855~5875	-26.64	≤ 12.30	PASS
				5875~5925	-29.23	≤ -23.53	PASS
				5925~5935	-37.27	≤ -27	PASS

Test Graphs B4





11N40SISO_Ant0_Low_5755



11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



11AC40SISO_Ant0_Low_5755



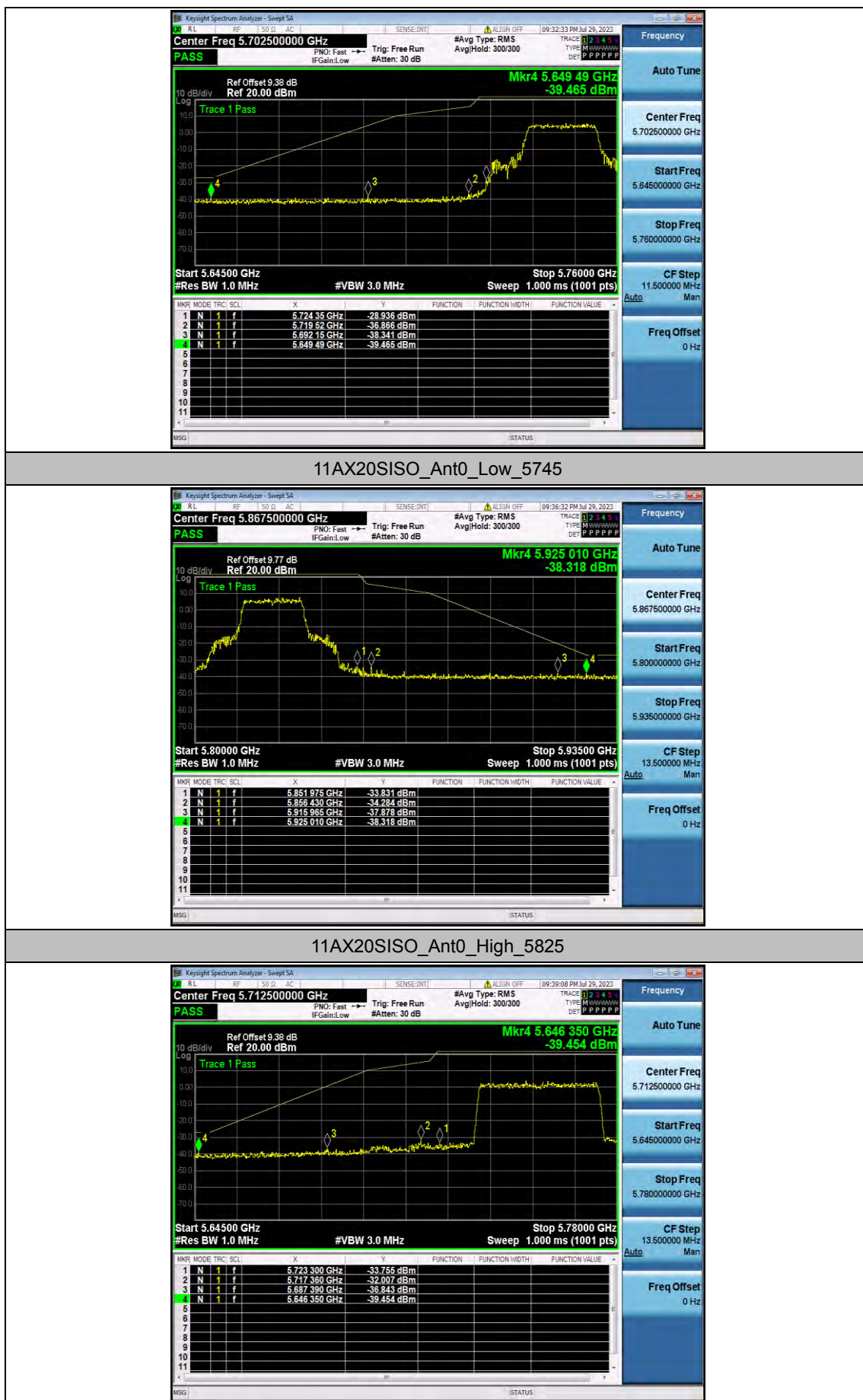
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11AC80SISO_Ant0_Low_5775



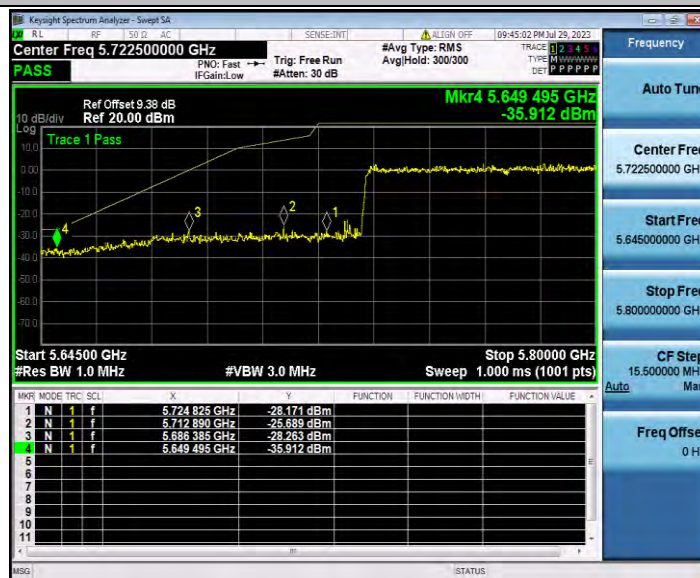
11AC80SISO_Ant0_High_5775



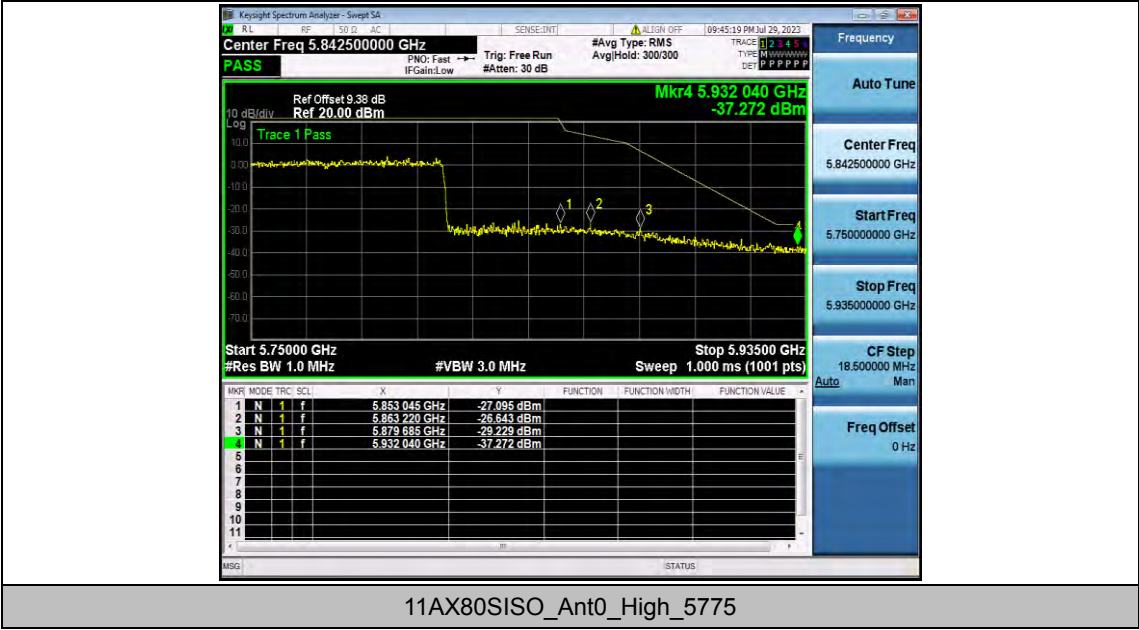
11AX40SISO_Ant0_Low_5755



11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



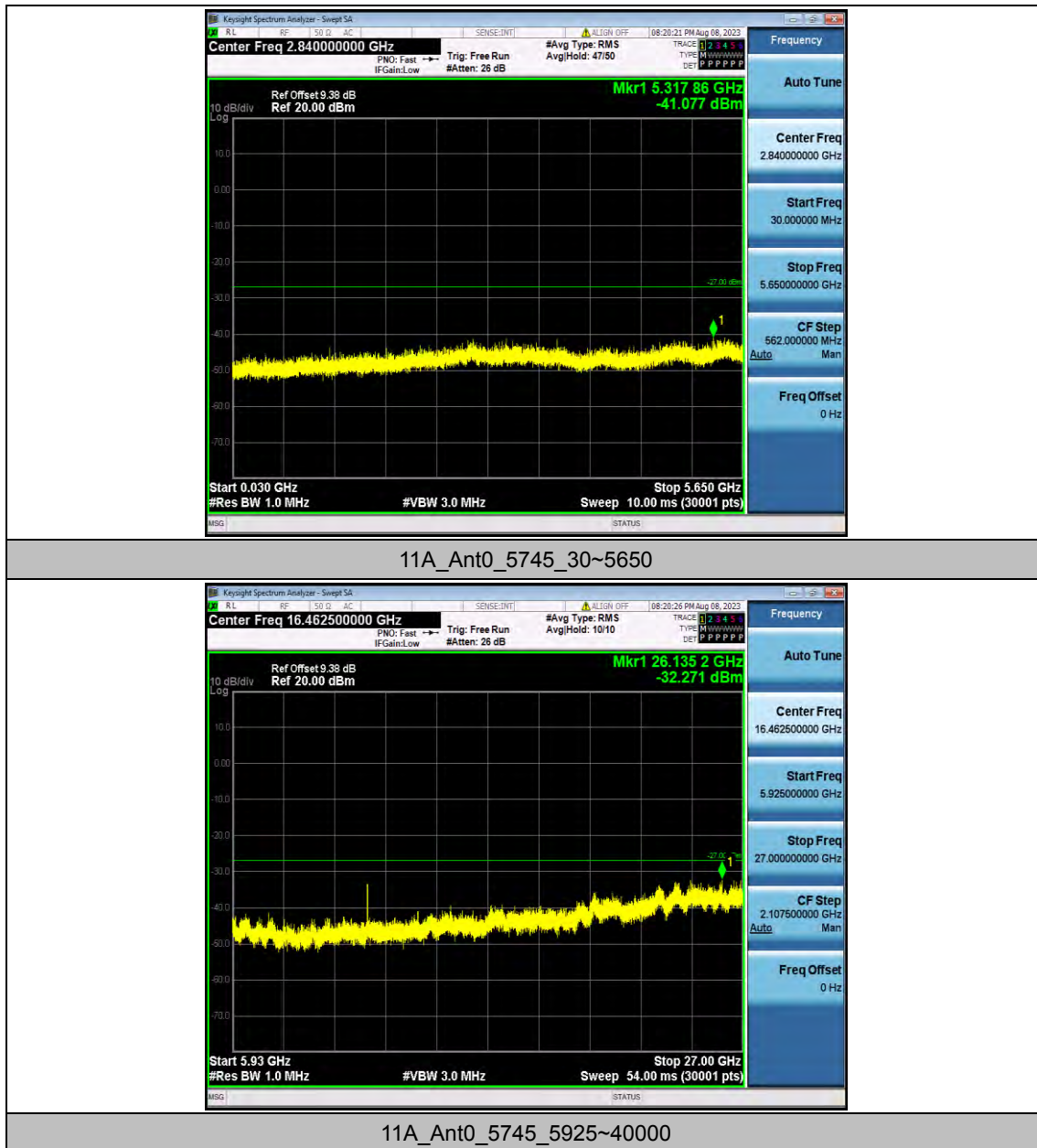
Appendix G.7: Conducted Spurious Emission

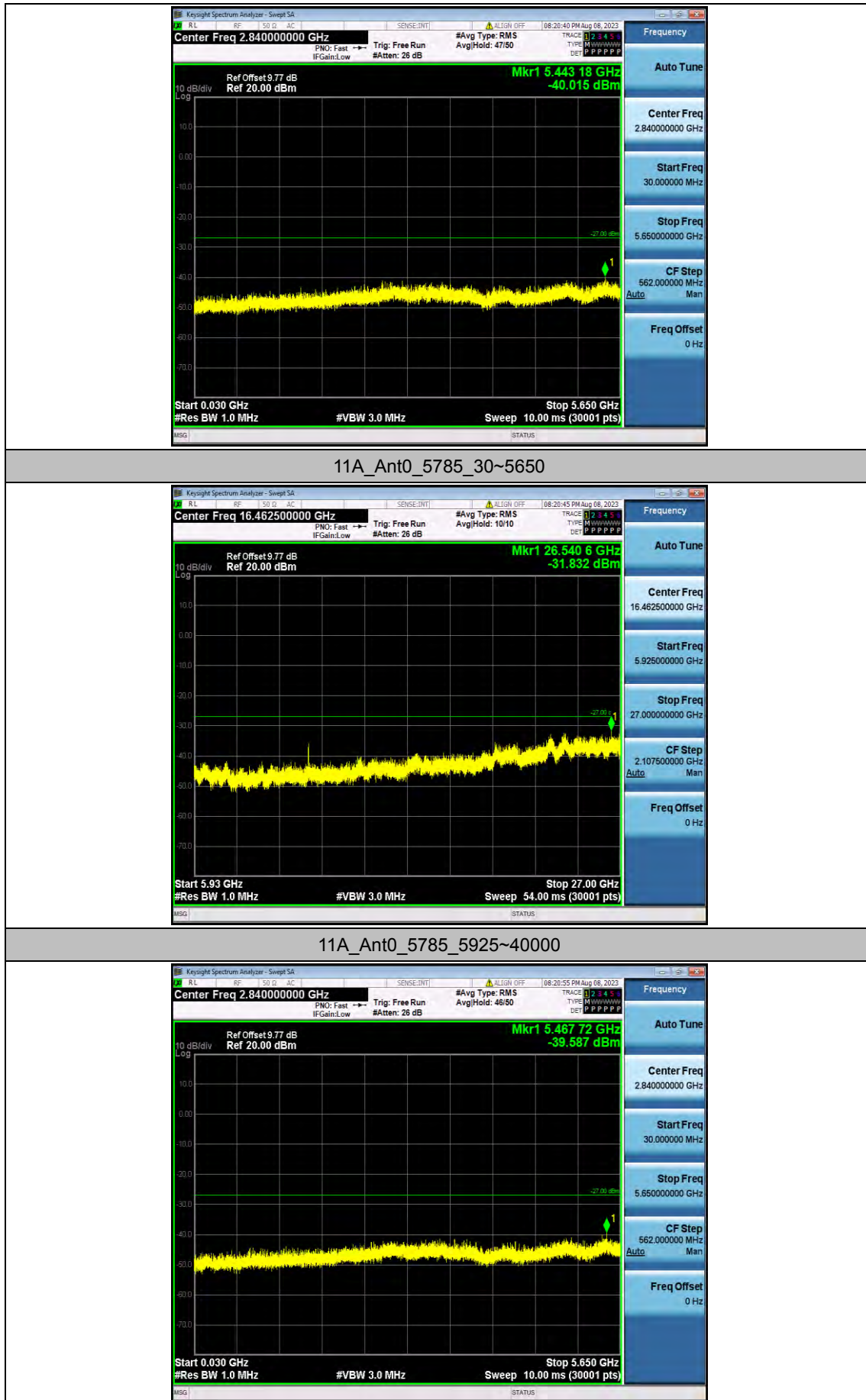
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	5317.86	-41.08	≤-27	PASS
			5925~40000	26135.22	-32.27	≤-27	PASS
		5785	30~5650	5443.18	-40.02	≤-27	PASS
			5925~40000	26540.57	-31.83	≤-27	PASS
		5825	30~5650	5467.72	-39.59	≤-27	PASS
			5925~40000	24198.43	-31.26	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	5017.94	-41.06	≤-27	PASS
			5925~40000	11493.72	-30.48	≤-27	PASS
		5785	30~5650	5453.86	-40.57	≤-27	PASS
			5925~40000	24874.24	-31.01	≤-27	PASS
		5825	30~5650	5021.12	-40.31	≤-27	PASS
			5925~40000	25665.95	-31.32	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5354.01	-39.95	≤-27	PASS
			5925~40000	23565.48	-32.94	≤-27	PASS
		5795	30~5650	5426.14	-40.51	≤-27	PASS
			5925~40000	26490.69	-31.44	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	5445.62	-40.83	≤-27	PASS
			5925~40000	11493.72	-29.39	≤-27	PASS
		5785	30~5650	5473.34	-40.15	≤-27	PASS
			5925~40000	25227.59	-31.83	≤-27	PASS
		5825	30~5650	4962.3	-40.82	≤-27	PASS
			5925~40000	26858.1	-32.18	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	3161.65	-40.82	≤-27	PASS
			5925~40000	26950.12	-31.65	≤-27	PASS
		5795	30~5650	5148.51	-40.14	≤-27	PASS
			5925~40000	24721.79	-32.6	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	5400.66	-40.59	≤-27	PASS
			5925~40000	26936.07	-32.49	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	2783.24	-41.15	≤-27	PASS
			5925~40000	11488.8	-28.89	≤-27	PASS
		5785	30~5650	5378.37	-39.5	≤-27	PASS
			5925~40000	24792.04	-32.34	≤-27	PASS
		5825	30~5650	5476.15	-39.65	≤-27	PASS
			5925~40000	24256.04	-31.62	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	5532.73	-40.61	≤-27	PASS
			5925~40000	25607.65	-32.78	≤-27	PASS

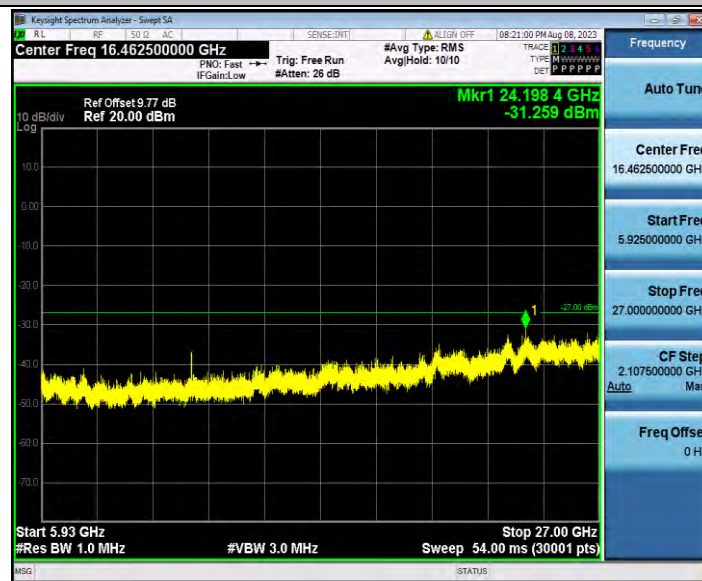
		5795	30~5650	5498.26	-39.57	≤-27	PASS
			5925~40000	24262.36	-31.87	≤-27	PASS
11AX80SISO	Ant0	5775	30~5650	5478.78	-40.81	≤-27	PASS
			5925~40000	26066.38	-32.64	≤-27	PASS

Test Graphs

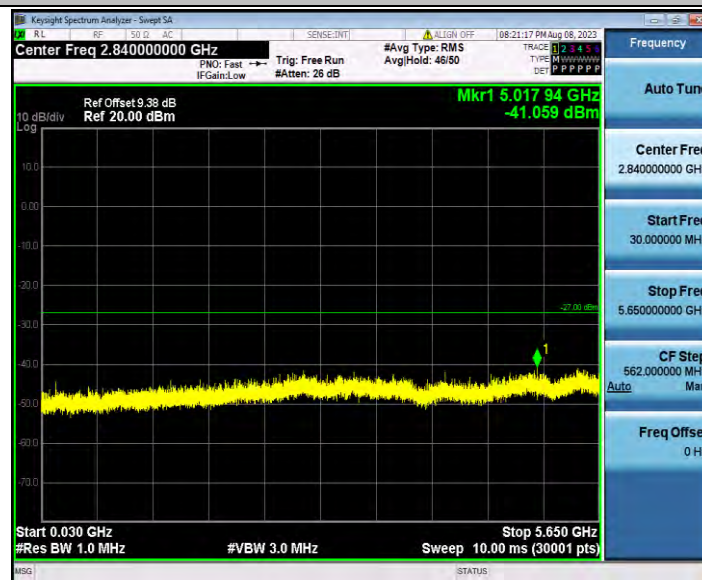




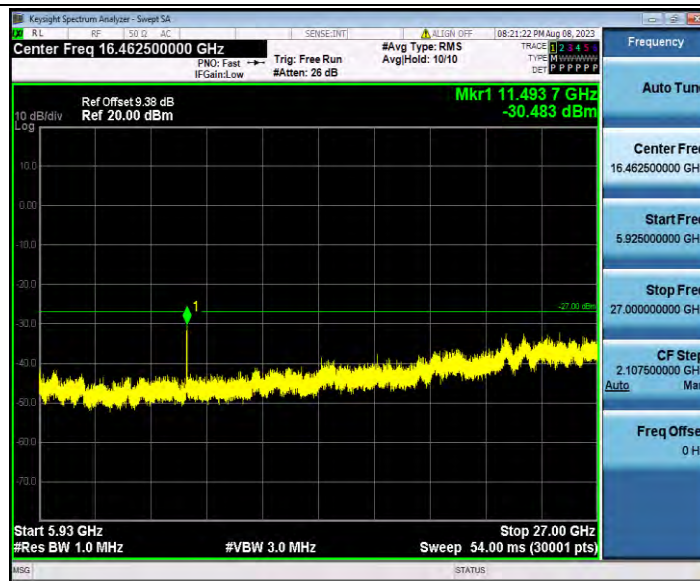
11A_Ant0_5825_30~5650



11A_Ant0_5825_5925~40000



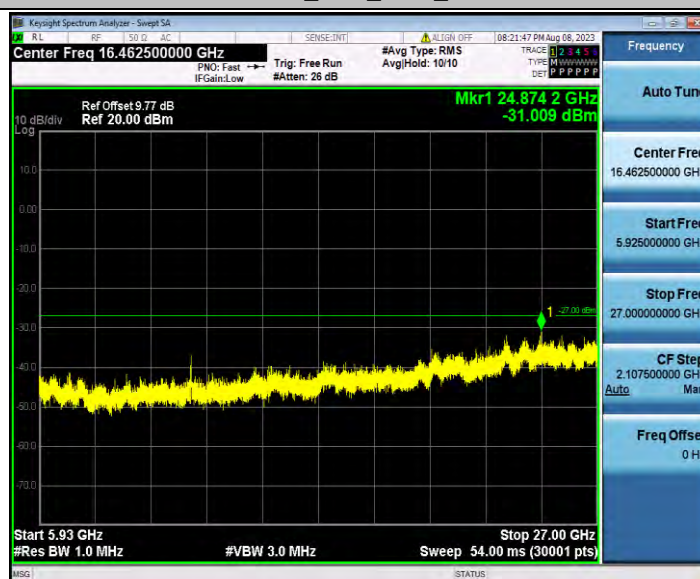
11N20SISO_Ant0_5745_30~5650



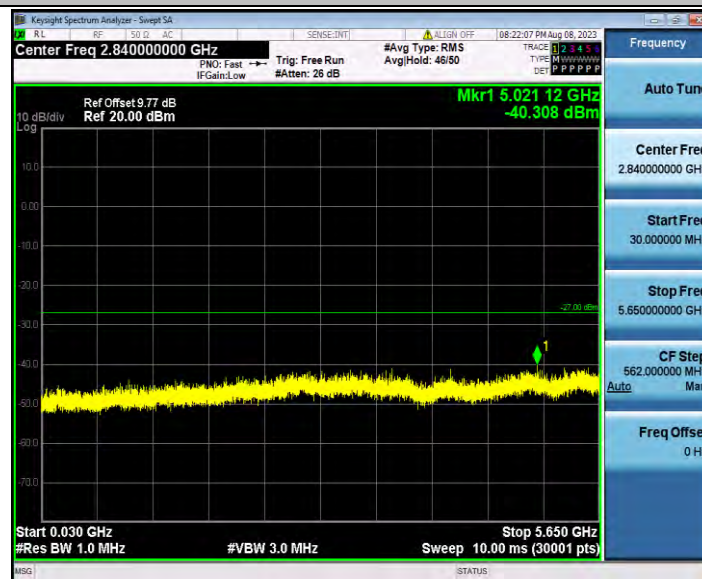
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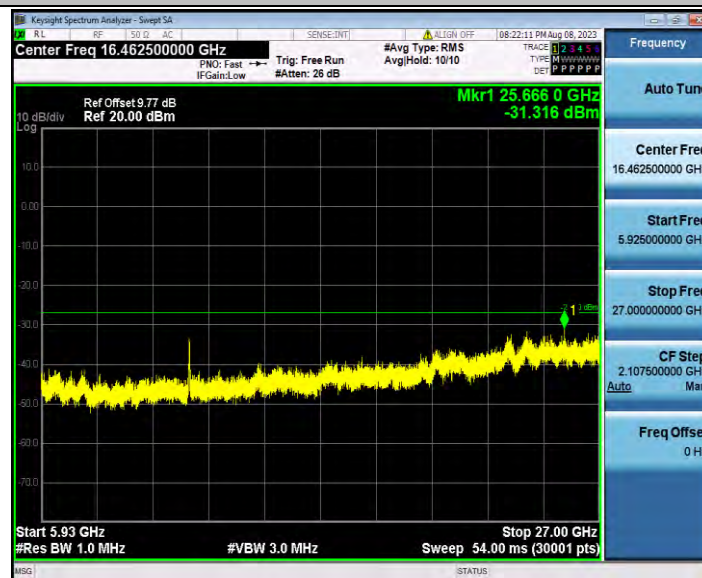
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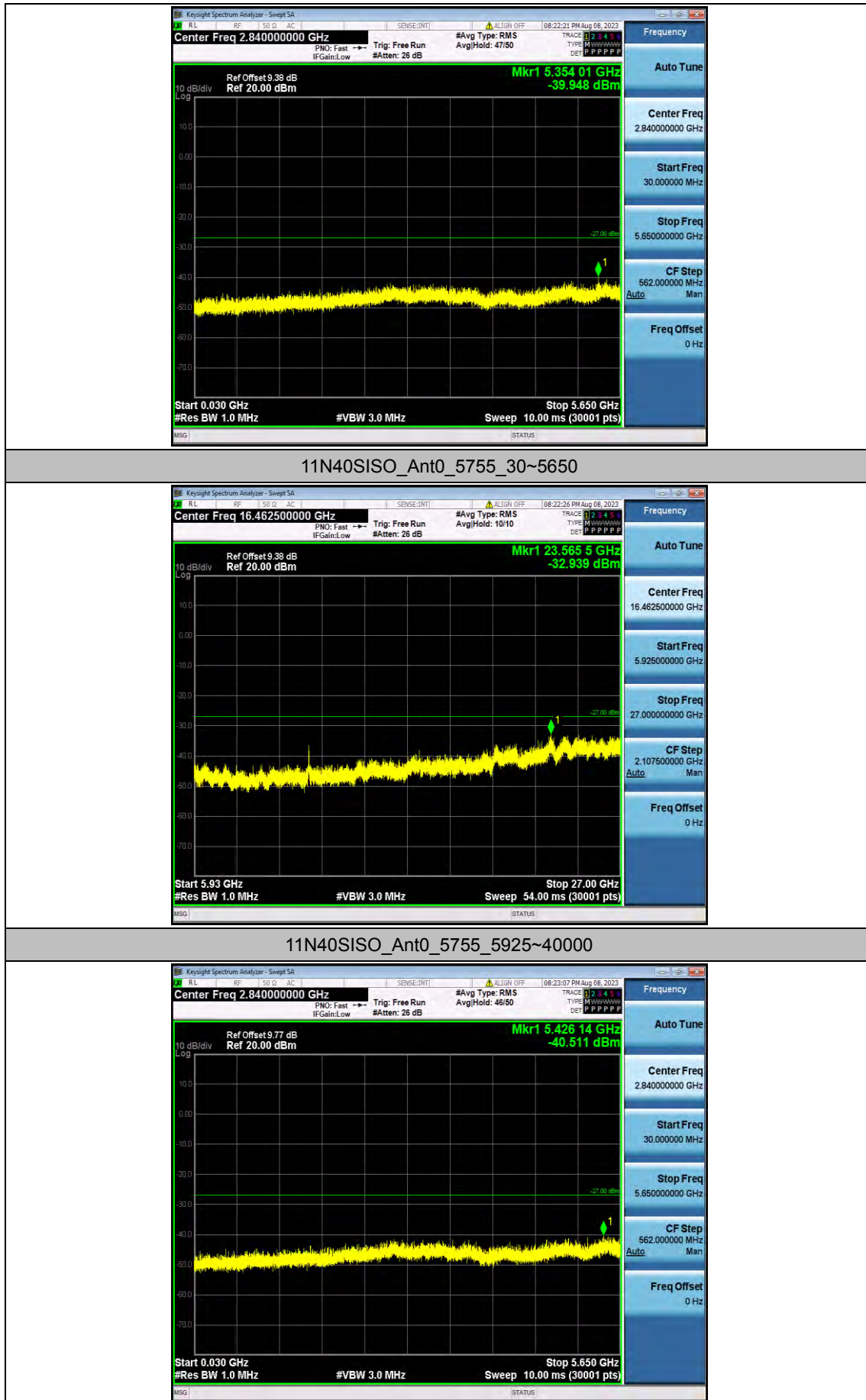
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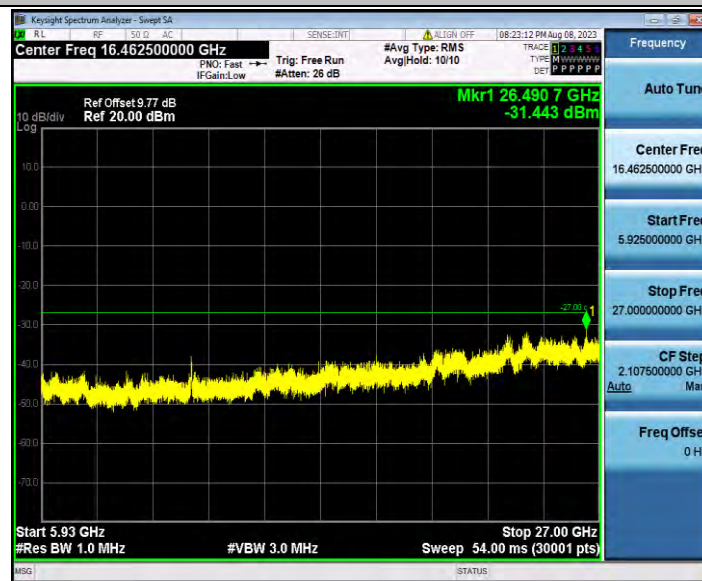
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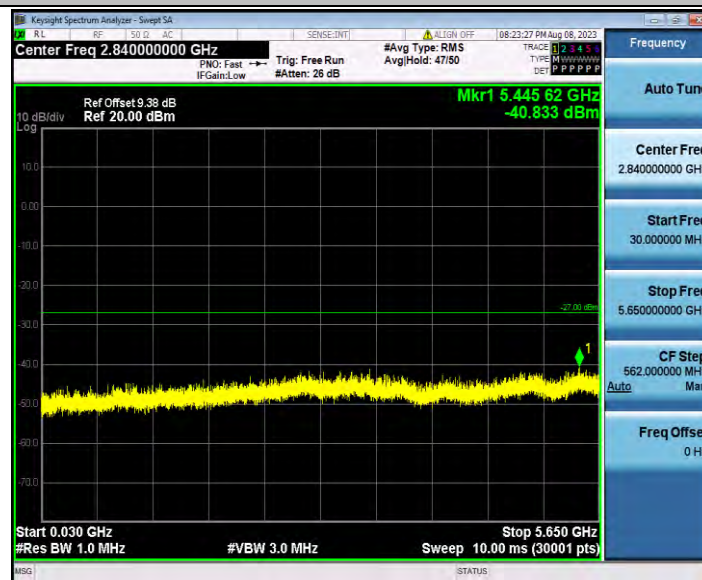
11N20SISO_Ant0_5825_5925~40000



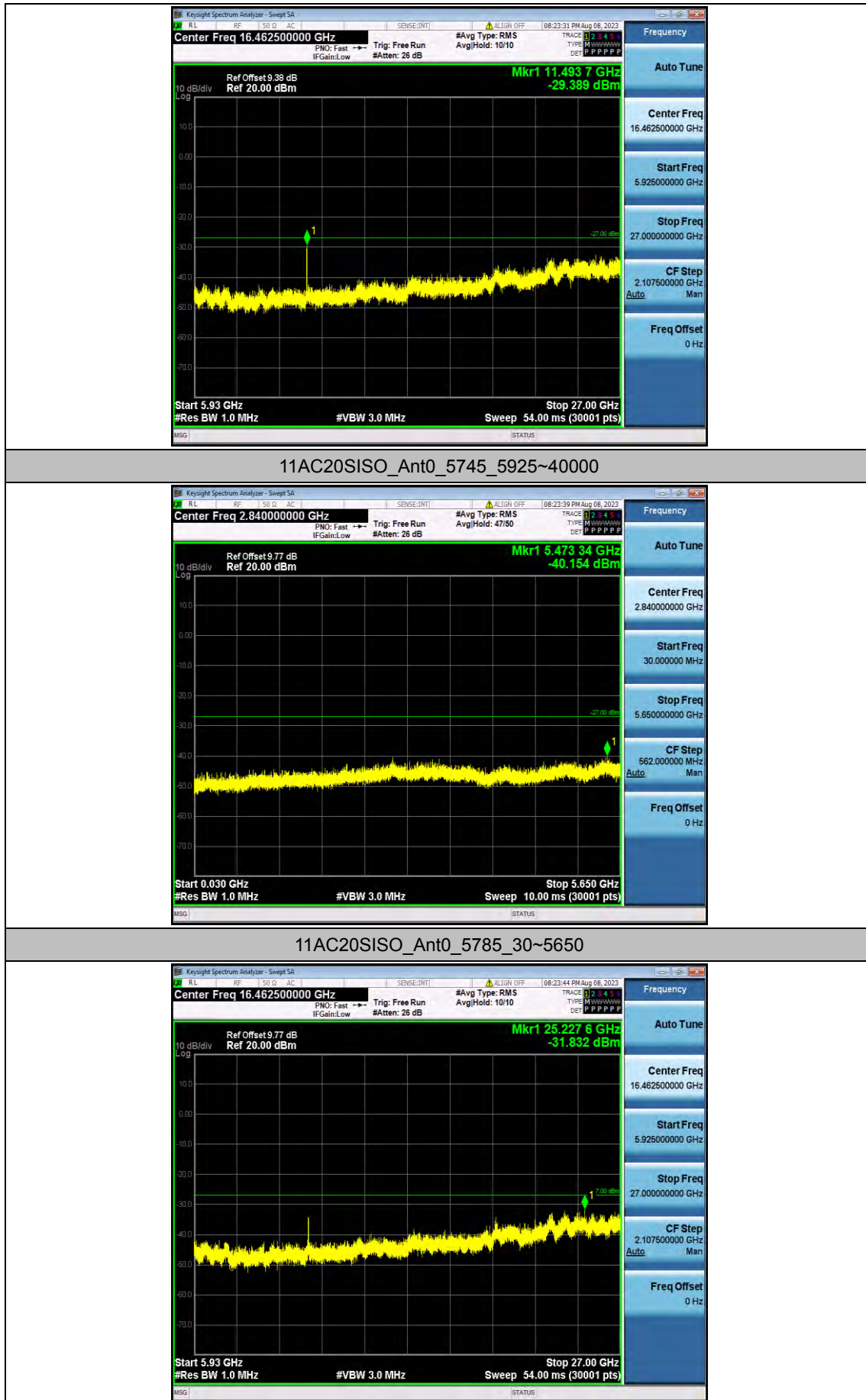
11N40SISO_Ant0_5795_30~5650



11N40SISO_Ant0_5795_5925~40000



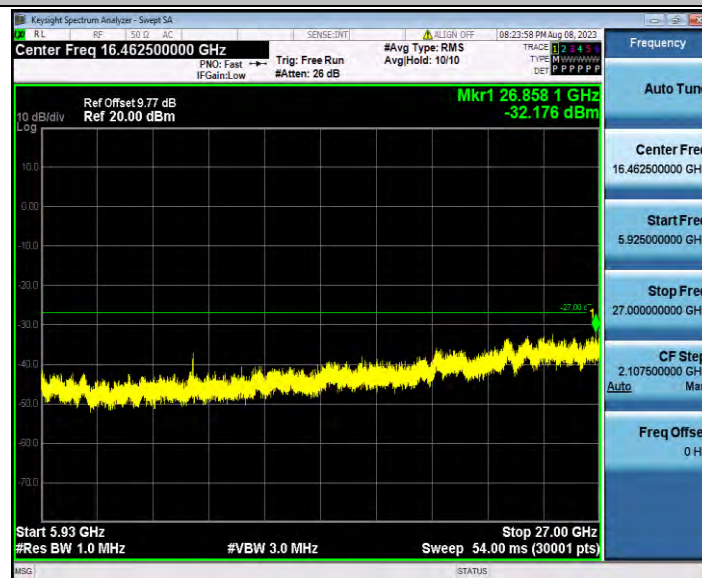
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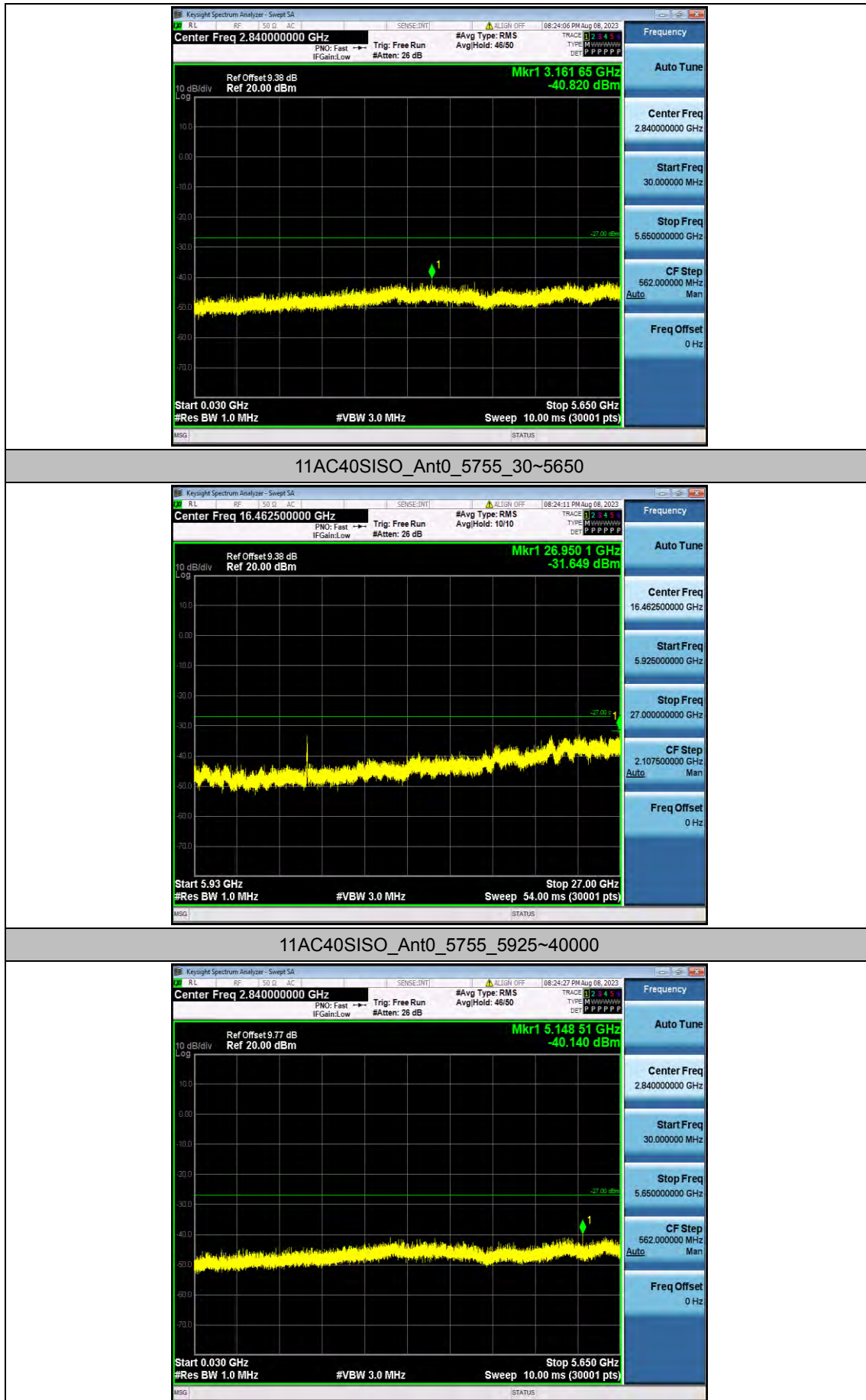
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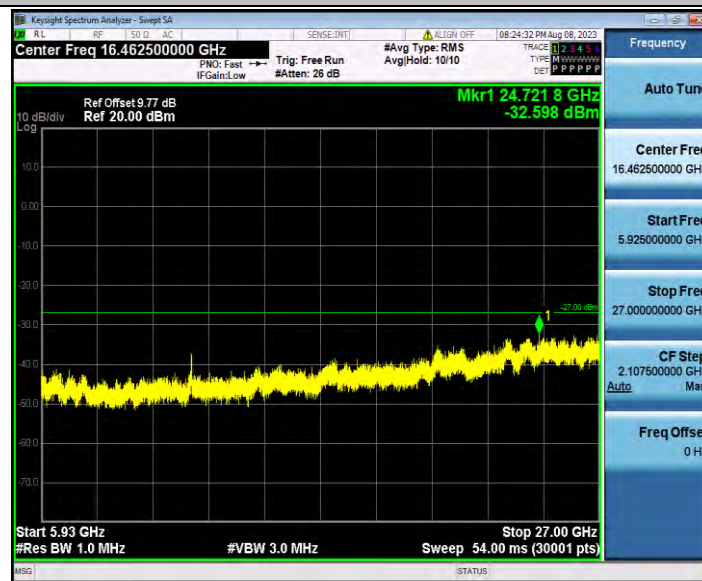
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11AC20SISO_Ant0_5825_5925~40000



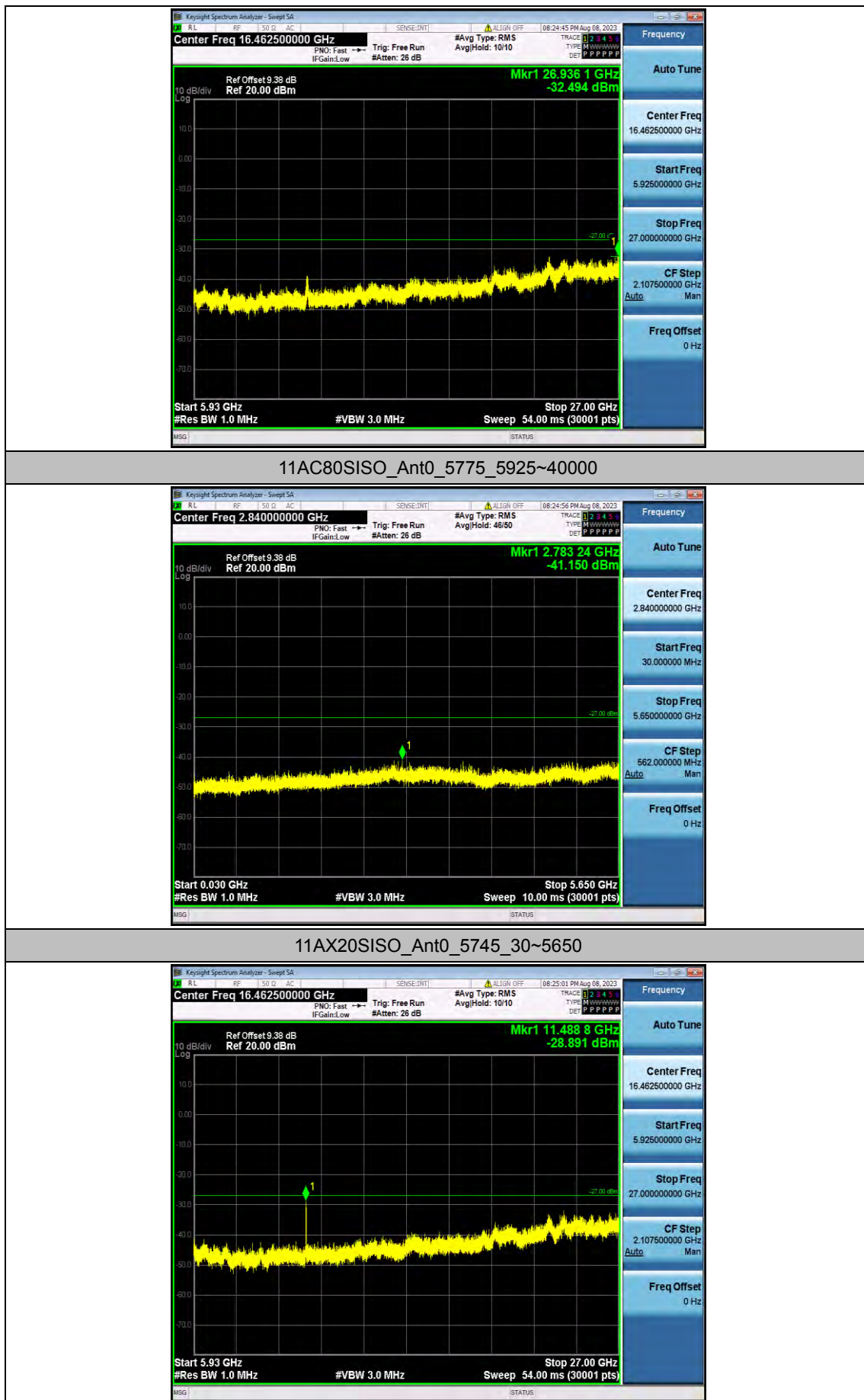
11AC40SISO_Ant0_5795_30~5650



11AC40SISO_Ant0_5795_5925~40000



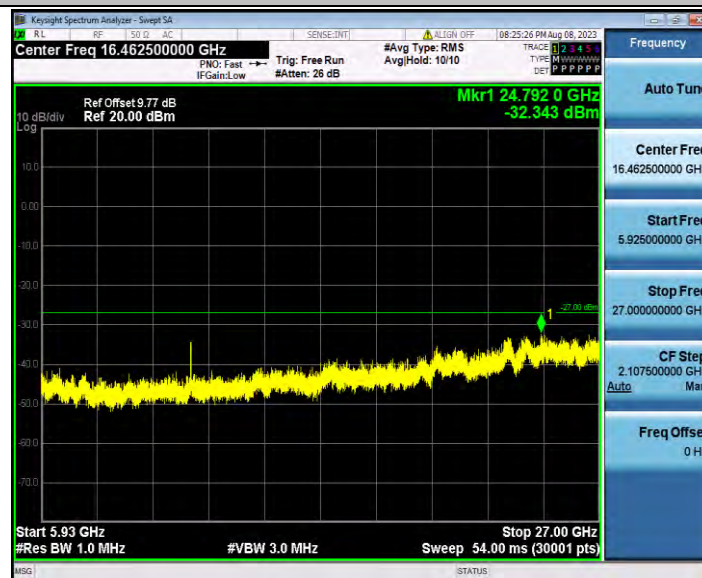
11AC80SISO_Ant0_5775_30~5650



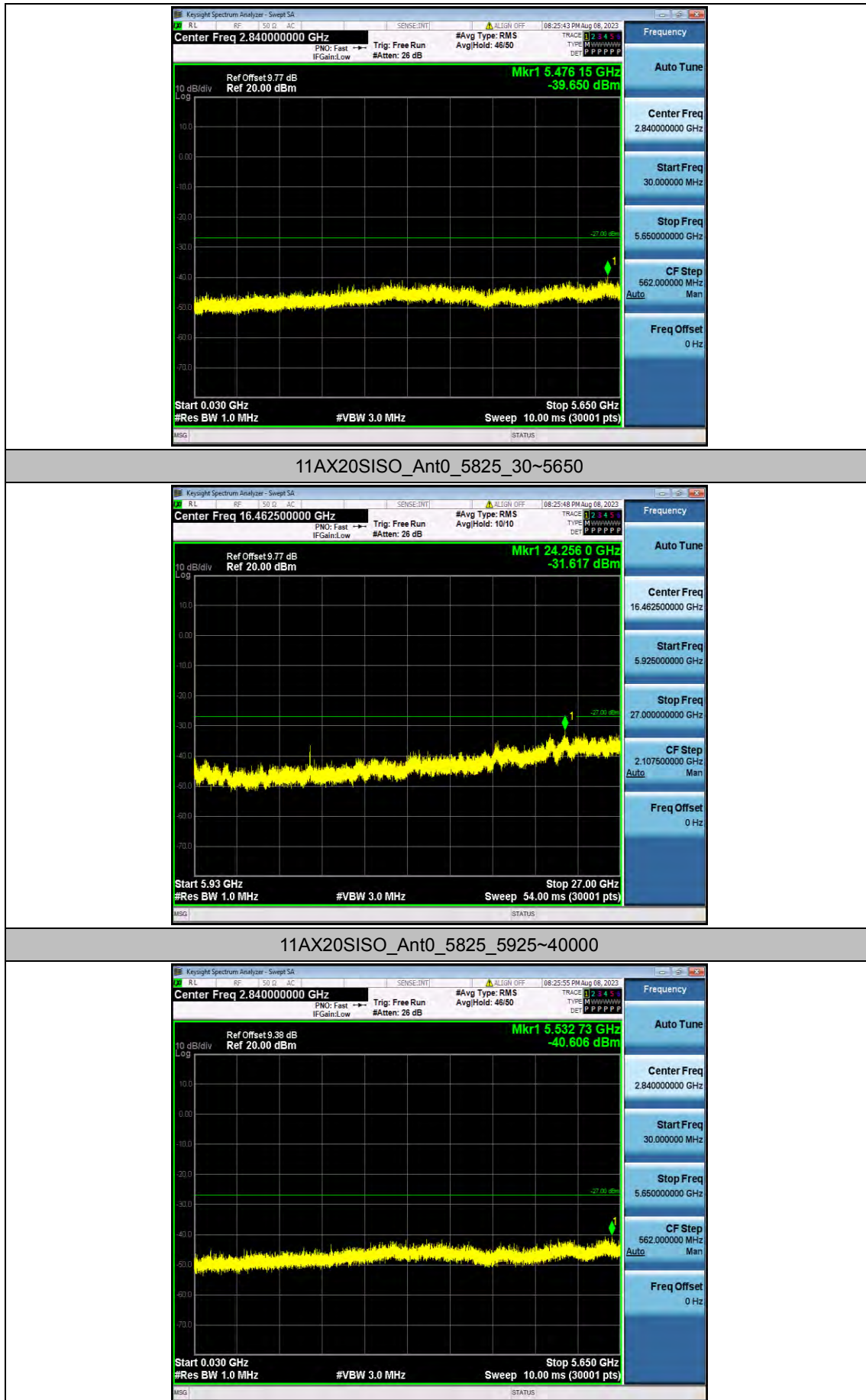
11AX20SISO_Ant0_5745_5925~40000



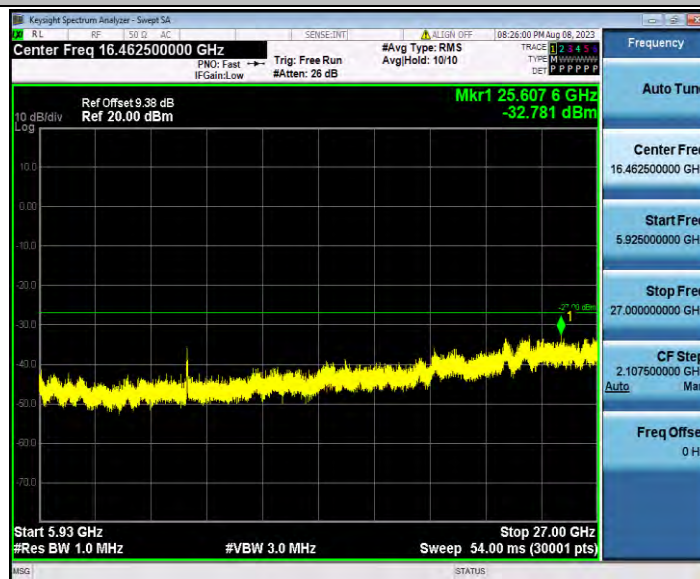
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11AX20SISO_Ant0_5785_5925~40000



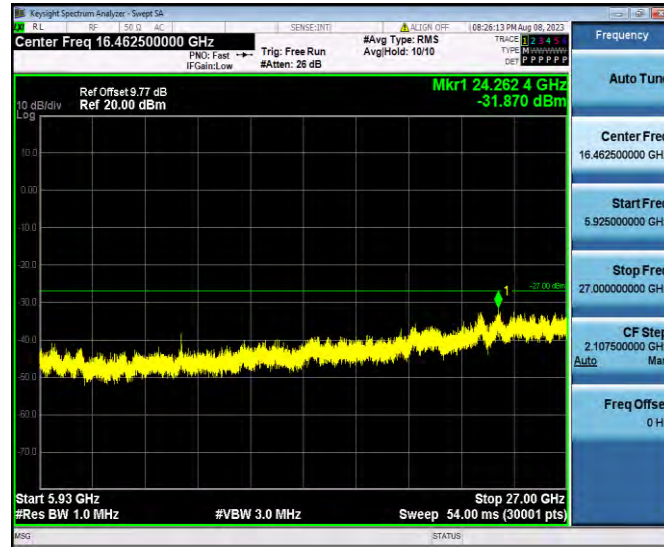
11AX40SISO_Ant0_5755_30~5650



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