

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	Ant1	5745	0.57	21.69	6.64	7.21	≤30.00	PASS
		5785	3.65	39.33	4.05	7.70	≤30.00	PASS
		5825	9.13	80.95	0.92	10.05	≤30.00	PASS
11N20SISO	Ant1	5745	8.59	86.36	0.64	9.23	≤30.00	PASS
		5785	9.76	82.61	0.83	10.59	≤30.00	PASS
		5825	9.51	82.61	0.83	10.34	≤30.00	PASS
11N40SISO	Ant1	5755	4.23	52.36	2.81	7.04	≤30.00	PASS
		5795	4.72	52.71	2.78	7.50	≤30.00	PASS
11AC20SISO	Ant1	5745	10.28	80.00	0.97	11.25	≤30.00	PASS
		5785	10.91	85.00	0.71	11.62	≤30.00	PASS
		5825	11.01	80.00	0.97	11.98	≤30.00	PASS
11AC40SISO	Ant1	5755	8.49	69.82	1.56	10.05	≤30.00	PASS
		5795	9.34	69.45	1.58	10.92	≤30.00	PASS
11AC80SISO	Ant1	5775	6.80	48.58	3.14	9.94	≤30.00	PASS
11AX20SISO	Ant1	5745	9.89	78.95	1.03	10.92	≤30.00	PASS
		5785	10.99	84.21	0.75	11.74	≤30.00	PASS
		5825	11.43	84.21	0.75	12.18	≤30.00	PASS
11AX40SISO	Ant1	5755	6.90	56.78	2.46	9.36	≤30.00	PASS
		5795	7.06	56.80	2.46	9.52	≤30.00	PASS
11AX80SISO	Ant1	5775	5.48	50.30	2.98	8.46	≤30.00	PASS

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

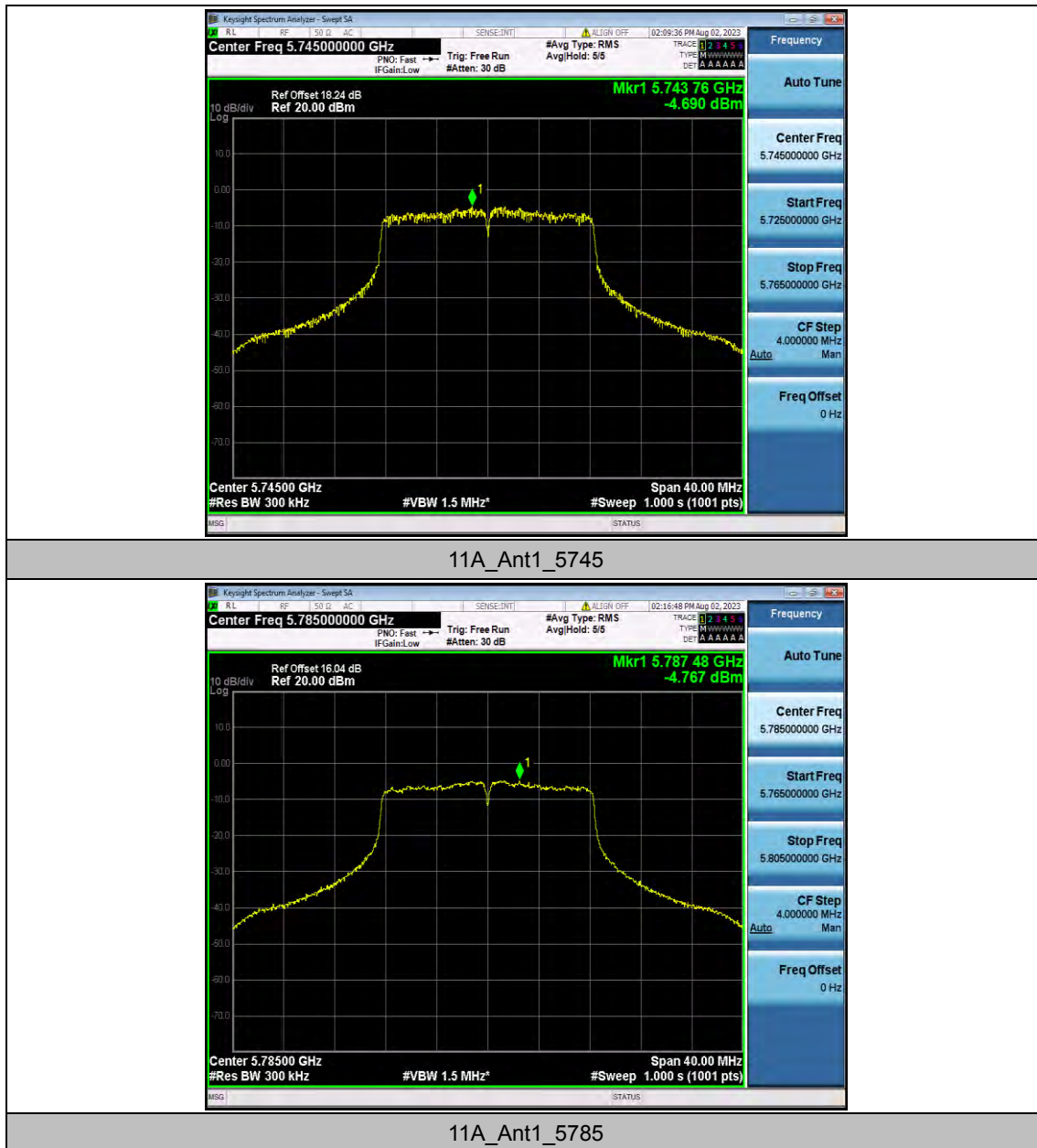
Appendix G.5: Maximum power spectral density

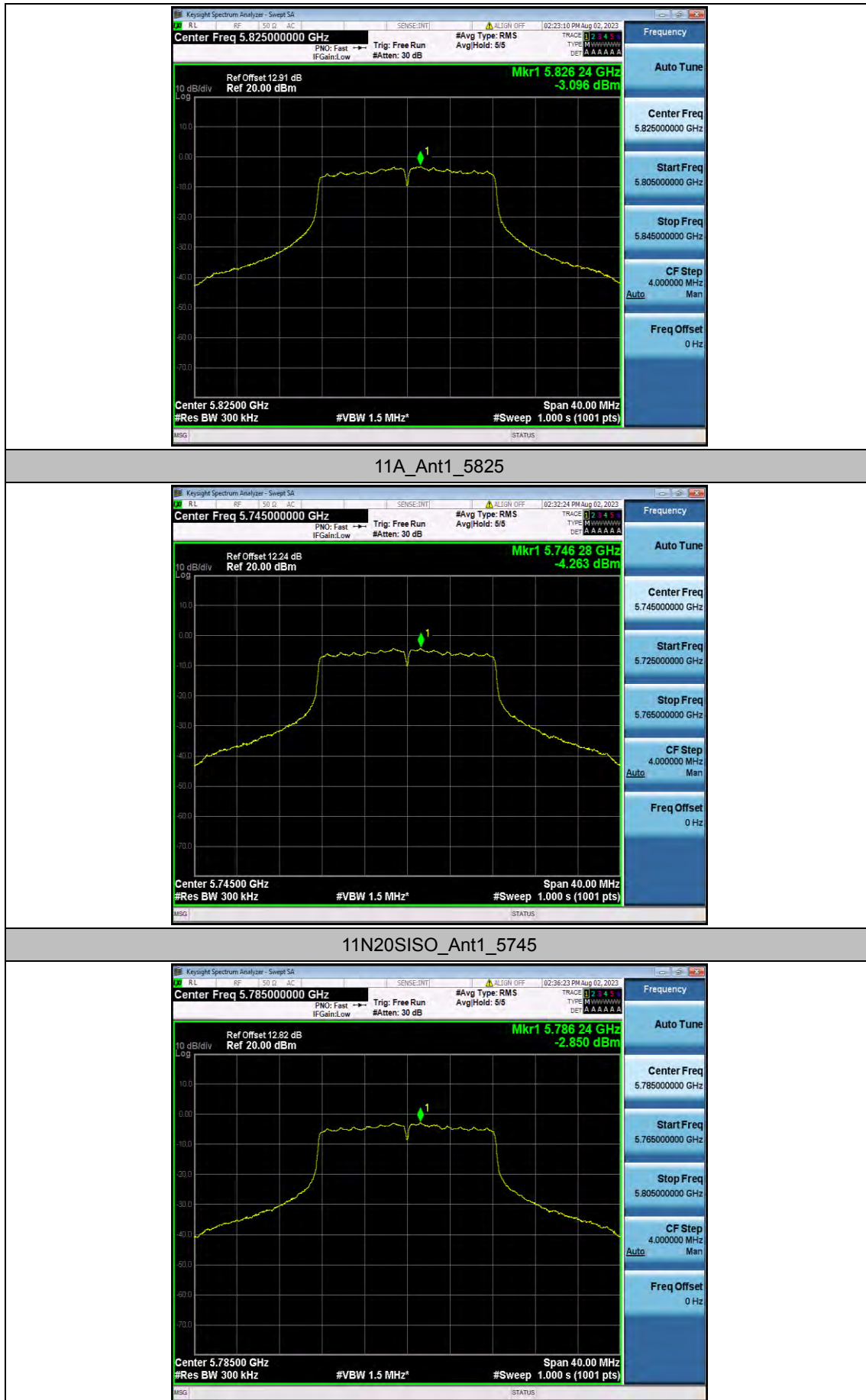
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-4.69	≤30.00	PASS
		5785	-4.77	≤30.00	PASS
		5825	-3.1	≤30.00	PASS
11N20SISO	Ant1	5745	-4.26	≤30.00	PASS
		5785	-2.85	≤30.00	PASS
		5825	-3.14	≤30.00	PASS
11N40SISO	Ant1	5755	-8.26	≤30.00	PASS
		5795	-7.89	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.24	≤30.00	PASS
		5785	-1.73	≤30.00	PASS
		5825	-1.35	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.64	≤30.00	PASS
		5795	-3.77	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.33	≤30.00	PASS
11AX20SISO	Ant1	5745	-2.8	≤30.00	PASS
		5785	-1.81	≤30.00	PASS
		5825	-1.31	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.6	≤30.00	PASS
		5795	-6.16	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.42	≤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



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



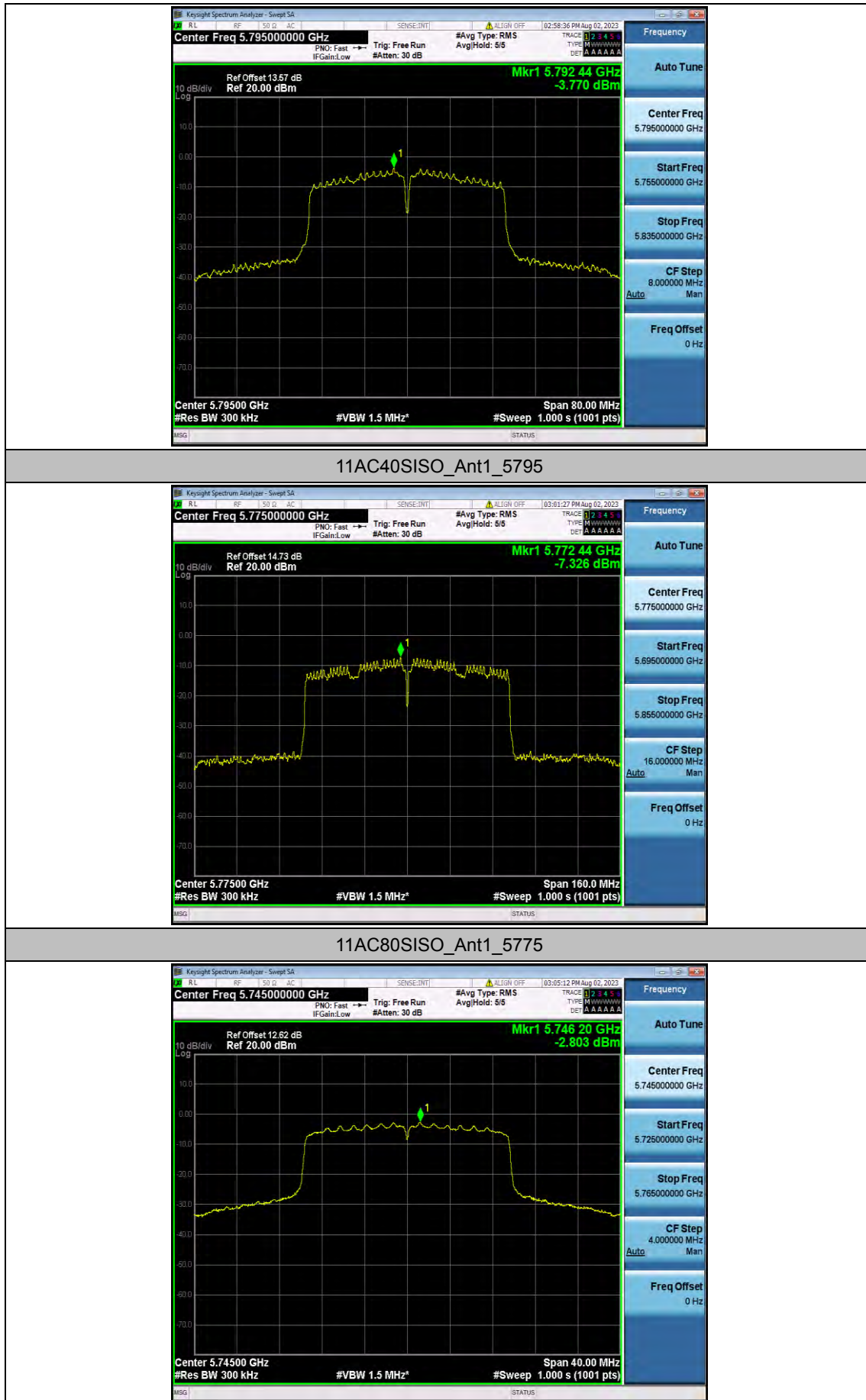
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



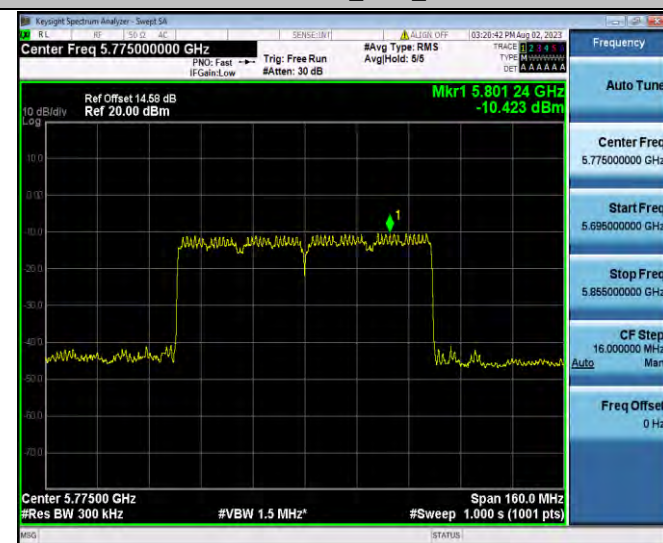
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

Appendix G.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	-39.67	≤9.38	PASS
				5700~5720	-39.23	≤15.05	PASS
				5720~5725	-34.66	≤22.90	PASS
				5760~5650	-39.86	≤-27	PASS
		High	5825	5850~5855	-28.31	≤16.72	PASS
				5855~5875	-32.23	≤10.10	PASS
				5875~5925	-38.47	≤-21.06	PASS
				5925~5935	-38.42	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-37.99	≤8.53	PASS
				5700~5720	-33	≤15.59	PASS
				5720~5725	-22.72	≤26.04	PASS
				5760~5650	-40.47	≤-27	PASS
		High	5825	5850~5855	-28.51	≤16.72	PASS
				5855~5875	-32.97	≤10.85	PASS
				5875~5925	-38.09	≤-6.78	PASS
				5925~5935	-38.91	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-38.43	≤-6.52	PASS
				5700~5720	-35.05	≤15.24	PASS
				5720~5725	-34.95	≤23.12	PASS
				5780~5650	-39.99	≤-27	PASS
		High	5795	5850~5855	-37.68	≤20.17	PASS
				5855~5875	-36.89	≤13.69	PASS
				5875~5925	-37.75	≤-1.89	PASS
				5925~5935	-39.36	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-32.65	≤9.04	PASS
				5700~5720	-25.47	≤14.95	PASS
				5720~5725	-13.91	≤26.83	PASS
				5760~5650	-39.99	≤-27	PASS
		High	5825	5850~5855	-24.85	≤16.10	PASS
				5855~5875	-25.91	≤10.21	PASS
				5875~5925	-32.31	≤-26.36	PASS
				5925~5935	-37.52	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-32.83	≤9.06	PASS
				5700~5720	-23.79	≤14.75	PASS
				5720~5725	-22.01	≤25.28	PASS
				5780~5650	-40.23	≤-27	PASS

		High	5795	5850~5855	-32.27	≤ 17.54	PASS
				5855~5875	-31.83	≤ 10.73	PASS
				5875~5925	-36.26	≤ -24.85	PASS
				5925~5935	-38.2	≤ -27	PASS
11AC80SI SO	Ant1	Low	5775	5650~5700	-26.78	≤ 8.41	PASS
				5700~5720	-26.08	≤ 14.65	PASS
				5720~5725	-25.58	≤ 16.00	PASS
				5800~5650	-38.13	≤ -27	PASS
		High	5775	5850~5855	-28.75	≤ 18.32	PASS
				5855~5875	-28.95	≤ 10.70	PASS
				5875~5925	-32.76	≤ -23.81	PASS
				5925~5935	-38.38	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-33.54	≤ 7.17	PASS
				5700~5720	-23.59	≤ 15.56	PASS
				5720~5725	-18.78	≤ 26.83	PASS
				5760~5650	-39.83	≤ -27	PASS
		High	5825	5850~5855	-21.78	≤ 15.79	PASS
				5855~5875	-25.74	≤ 10.55	PASS
				5875~5925	-34.27	≤ -26.96	PASS
				5925~5935	-38.2	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-34.04	≤ 0.37	PASS
				5700~5720	-22.44	≤ 14.97	PASS
				5720~5725	-26.09	≤ 26.82	PASS
				5780~5650	-39.63	≤ -27	PASS
		High	5795	5850~5855	-31.43	≤ 19.04	PASS
				5855~5875	-30.81	≤ 10.78	PASS
				5875~5925	-35.72	≤ -19.47	PASS
				5925~5935	-38.07	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-30.4	≤ 3.82	PASS
				5700~5720	-28.76	≤ 15.48	PASS
				5720~5725	-30.2	≤ 17.41	PASS
				5800~5650	-37.13	≤ -27	PASS
		High	5775	5850~5855	-30.97	≤ 24.65	PASS
				5855~5875	-31.81	≤ 10.13	PASS
				5875~5925	-34.47	≤ -21.75	PASS
				5925~5935	-38.23	≤ -27	PASS

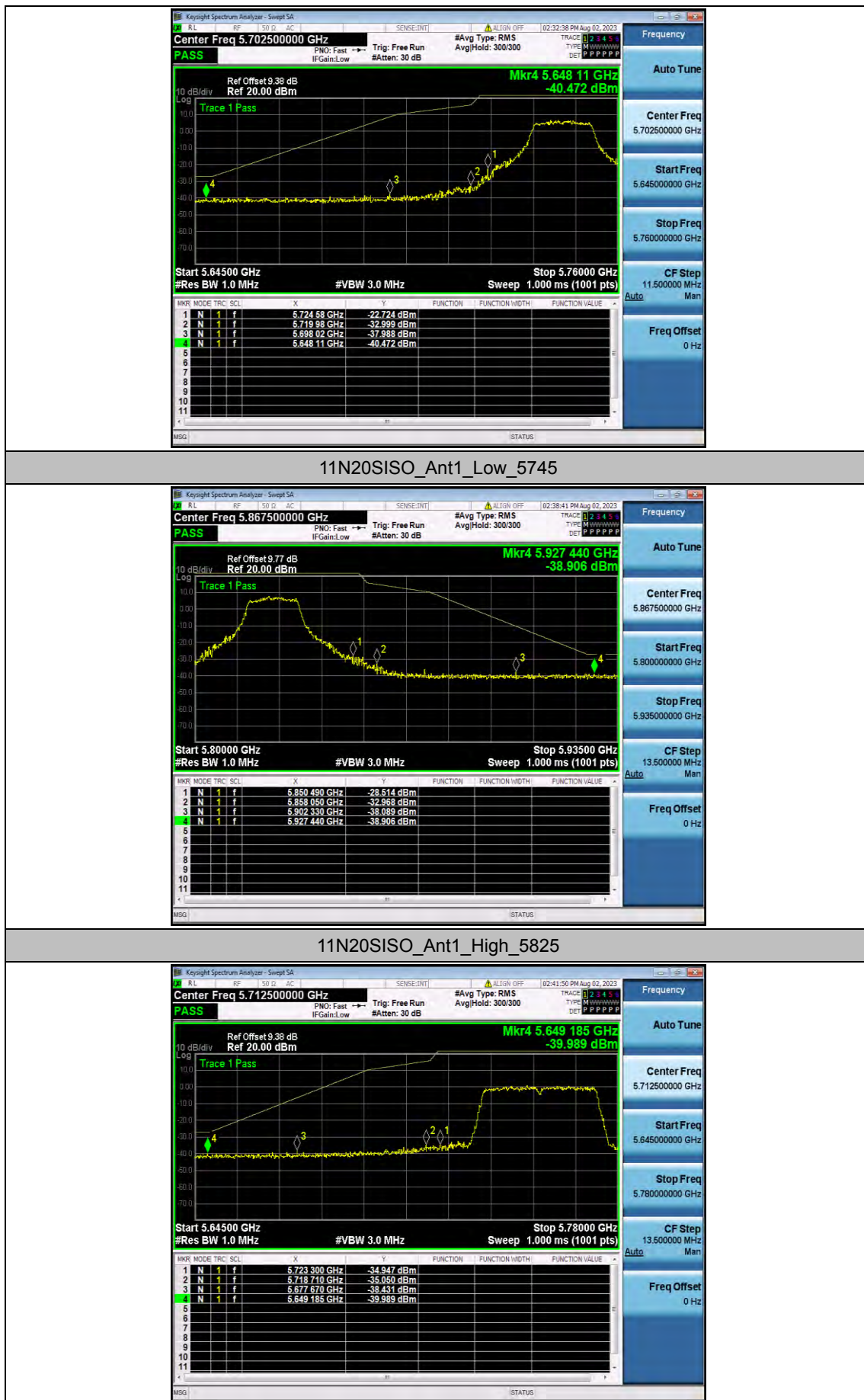
Test Graphs B4



11A_Ant1_Low_5745



11A_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



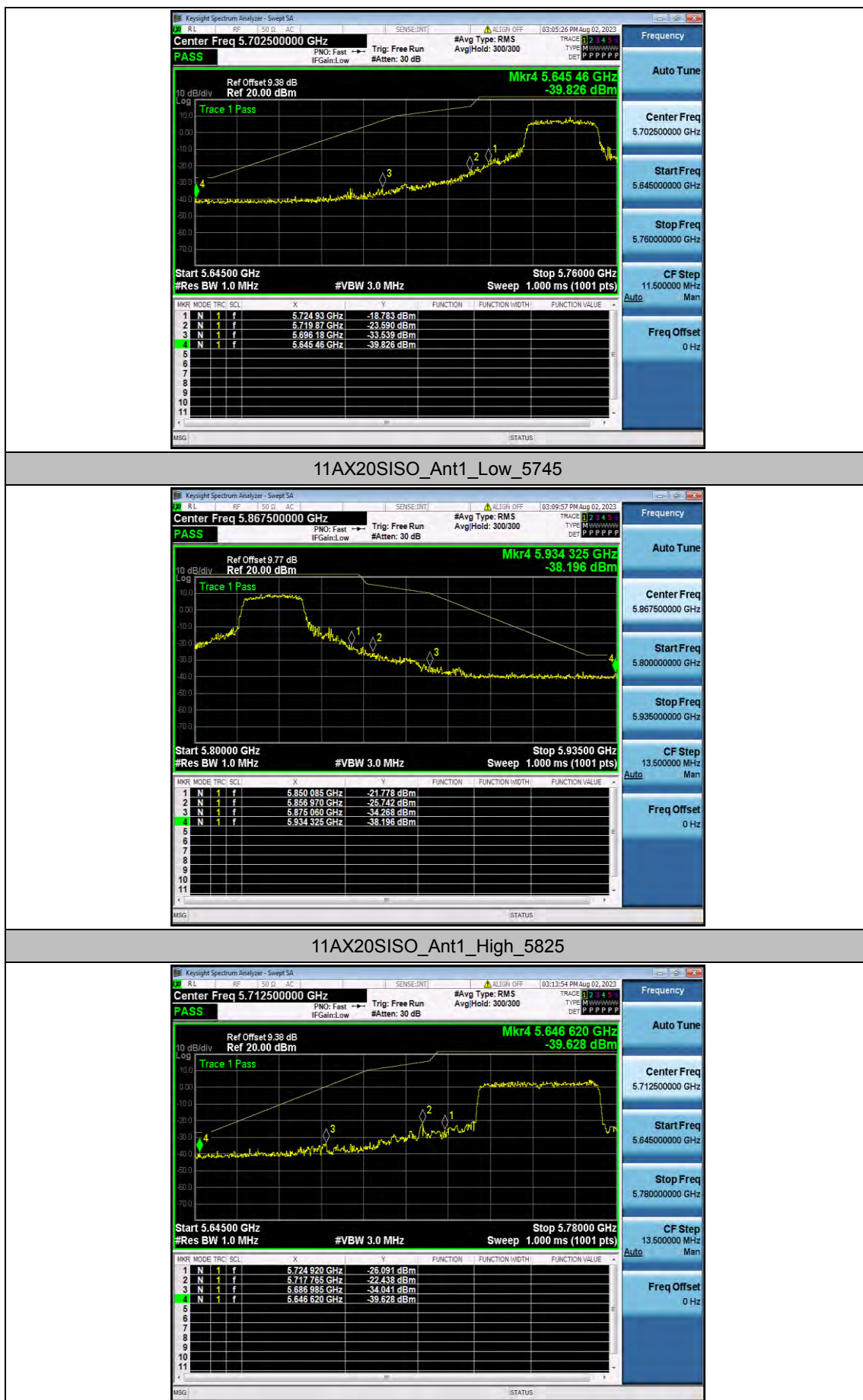
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11AC80SISO_Ant1_Low_5775



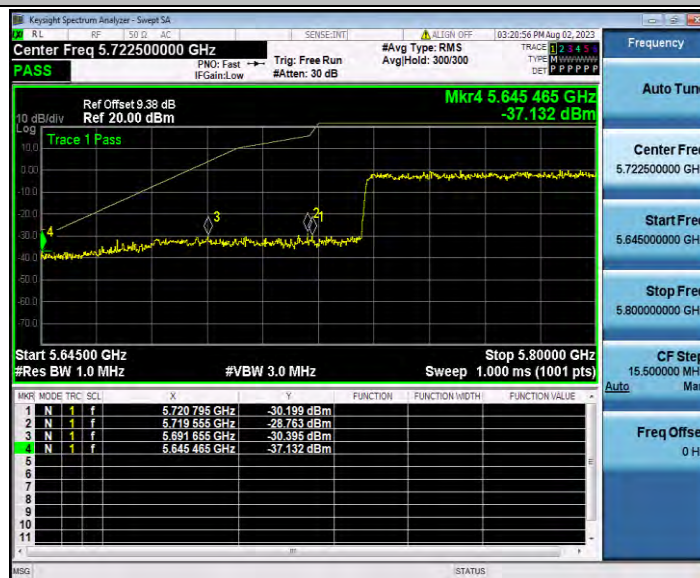
11AC80SISO_Ant1_High_5775



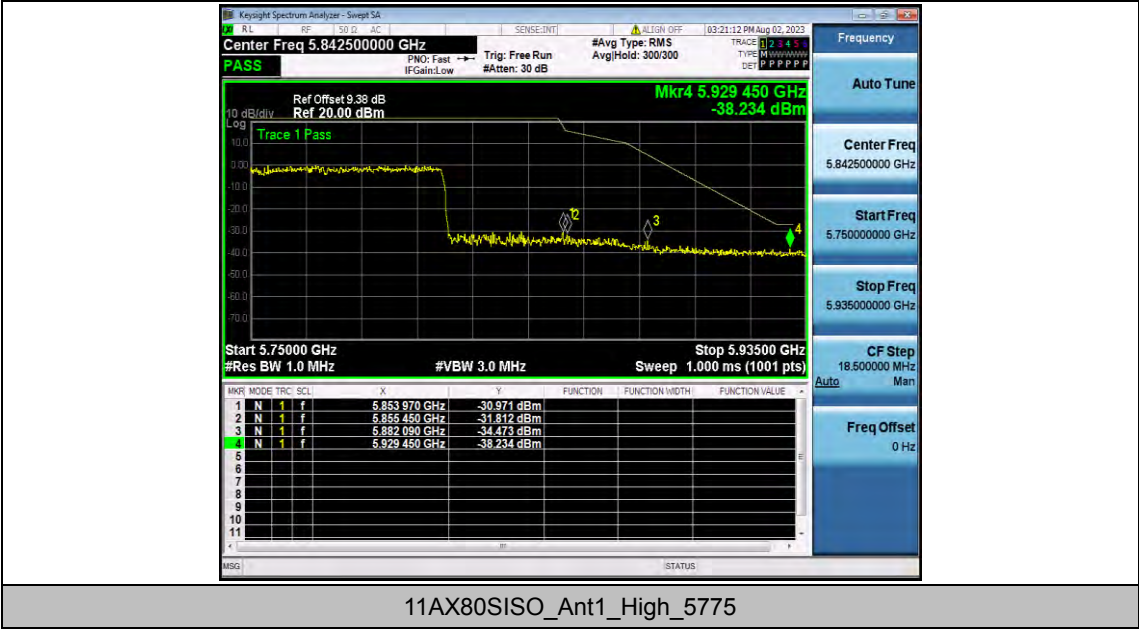
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



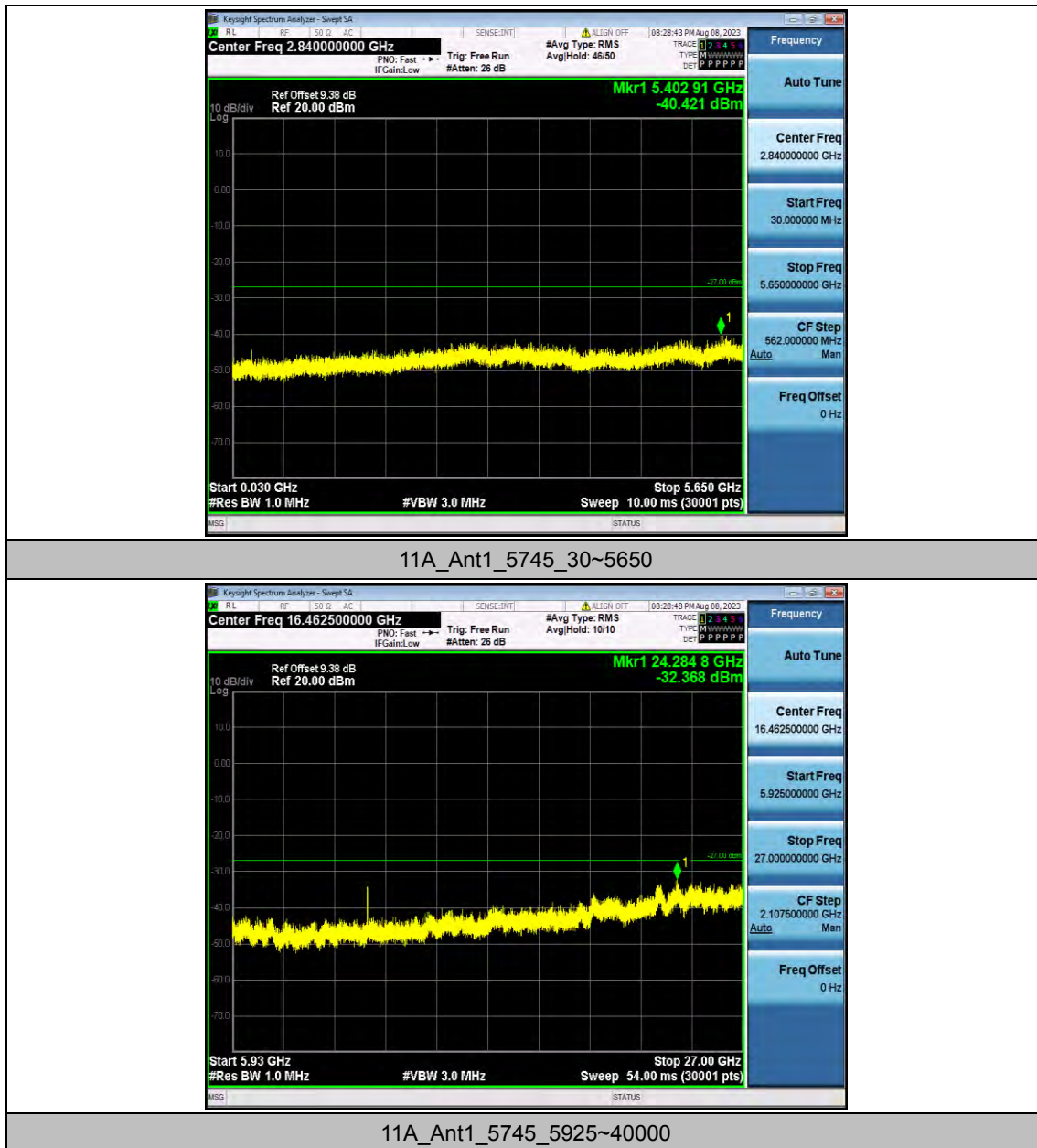
Appendix G.7: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5402.91	-40.42	≤-27	PASS
			5925~40000	24284.84	-32.37	≤-27	PASS
		5785	30~5650	5055.22	-40.95	≤-27	PASS
			5925~40000	26042.49	-32.25	≤-27	PASS
		5825	30~5650	5447.87	-40.5	≤-27	PASS
			5925~40000	24284.84	-32.18	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4932.7	-40.46	≤-27	PASS
			5925~40000	11490.91	-30.46	≤-27	PASS
		5785	30~5650	5499.38	-40.27	≤-27	PASS
			5925~40000	23555.64	-31.79	≤-27	PASS
		5825	30~5650	2659.97	-40.54	≤-27	PASS
			5925~40000	26059.35	-31.32	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5477.84	-40.86	≤-27	PASS
			5925~40000	24267.98	-32.76	≤-27	PASS
		5795	30~5650	5425.95	-40.56	≤-27	PASS
			5925~40000	26560.24	-32	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5485.15	-40.76	≤-27	PASS
			5925~40000	11489.5	-30.38	≤-27	PASS
		5785	30~5650	5417.89	-40.45	≤-27	PASS
			5925~40000	11570.29	-31.05	≤-27	PASS
		5825	30~5650	5483.46	-39.76	≤-27	PASS
			5925~40000	24309.43	-32.13	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5332.66	-41.3	≤-27	PASS
			5925~40000	24281.33	-32.34	≤-27	PASS
		5795	30~5650	5468.47	-39.58	≤-27	PASS
			5925~40000	24277.81	-31.97	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5493.95	-40.66	≤-27	PASS
			5925~40000	24215.29	-32.89	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5404.78	-41.09	≤-27	PASS
			5925~40000	11484.59	-30.35	≤-27	PASS
		5785	30~5650	4952.37	-40.95	≤-27	PASS
			5925~40000	24261.66	-32.18	≤-27	PASS
		5825	30~5650	5415.83	-40.01	≤-27	PASS
			5925~40000	26494.2	-31.74	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	3084.1	-41.28	≤-27	PASS
			5925~40000	25261.31	-32.81	≤-27	PASS

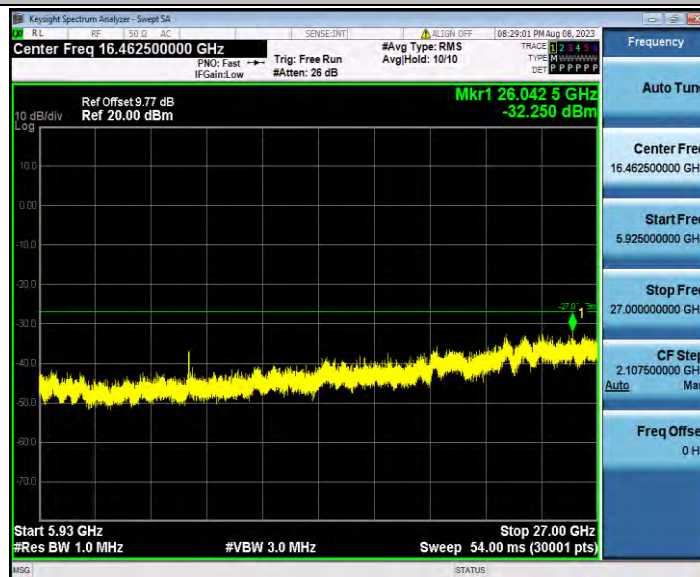
		5795	30~5650	5396.16	-40.19	≤-27	PASS
			5925~40000	23623.79	-31.64	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5503.69	-41.02	≤-27	PASS
			5925~40000	24232.15	-32.74	≤-27	PASS

Test Graphs

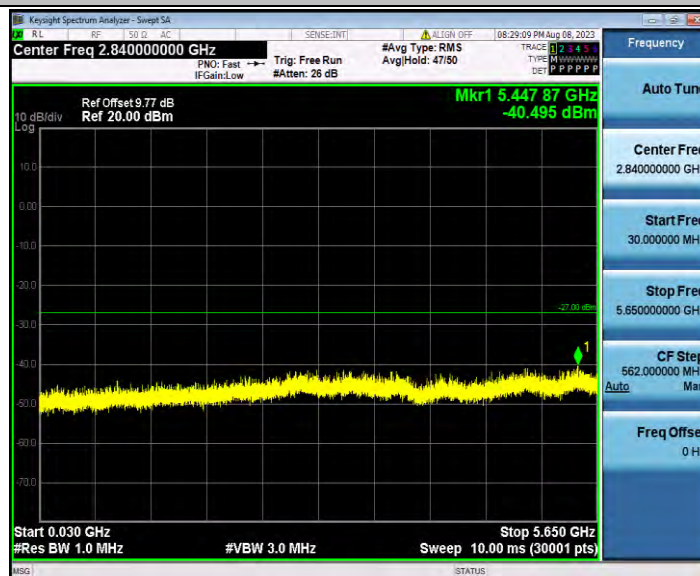




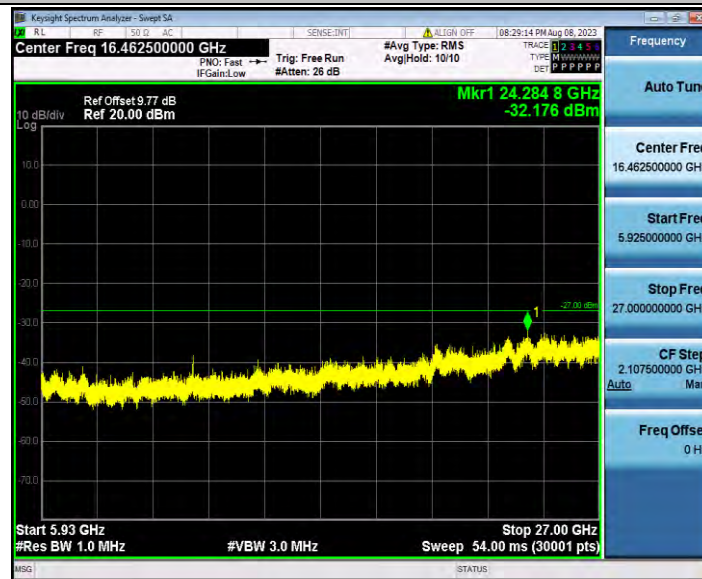
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11A_Ant1_5785_5925~40000



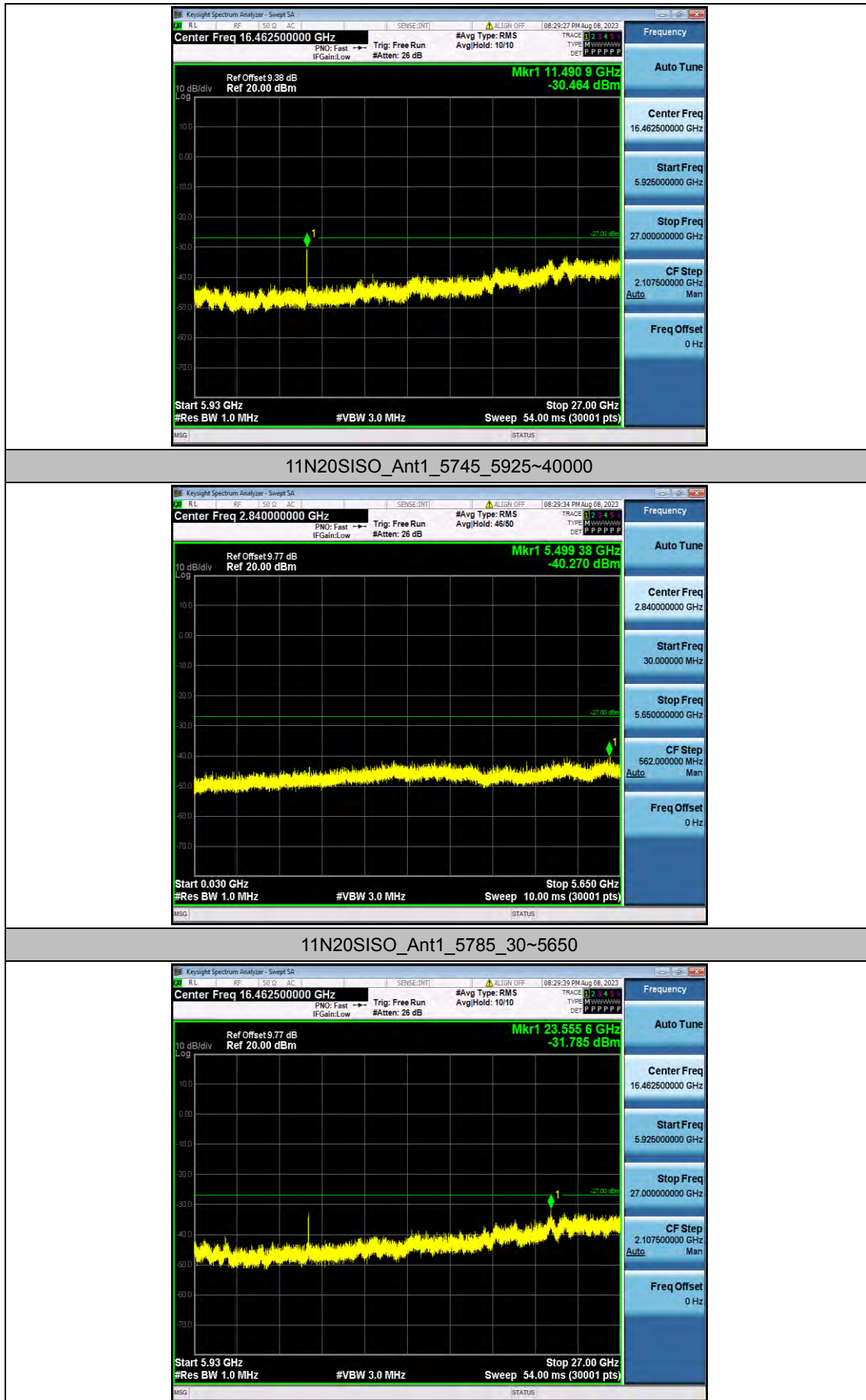
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



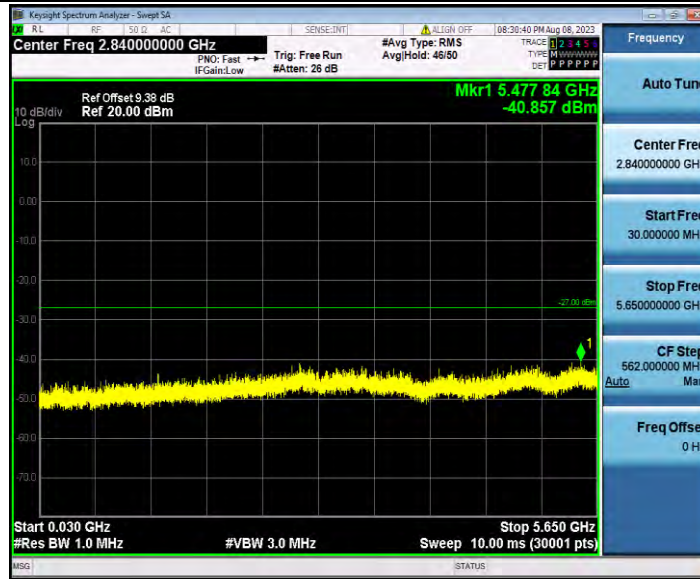
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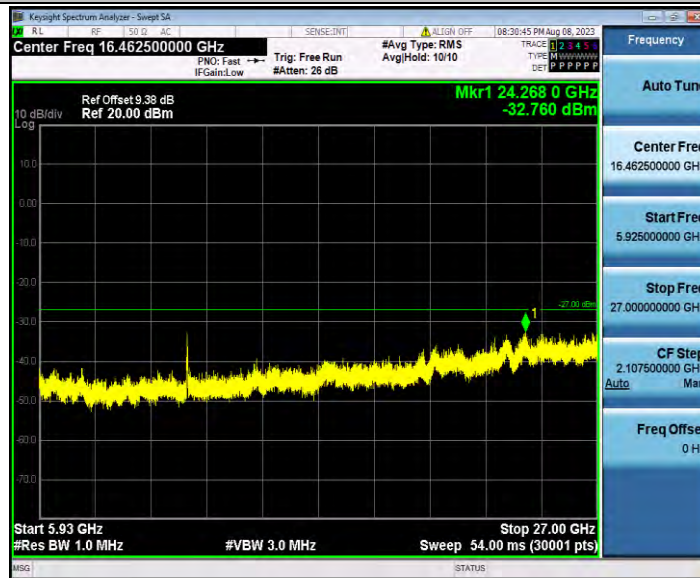
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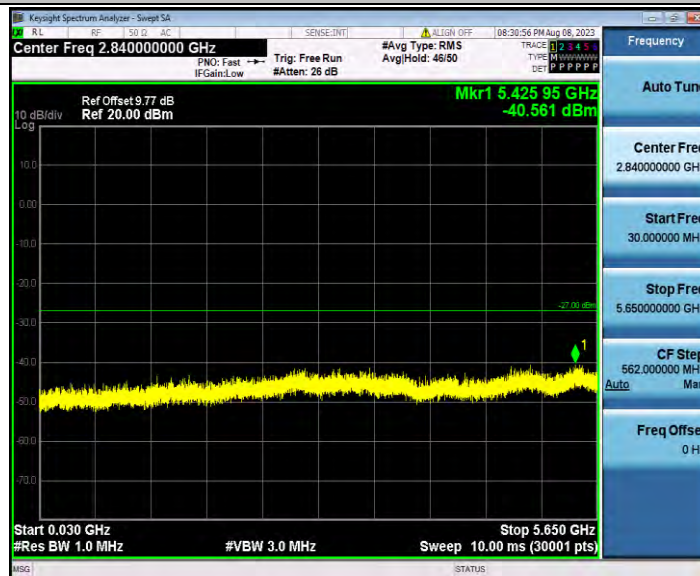
11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



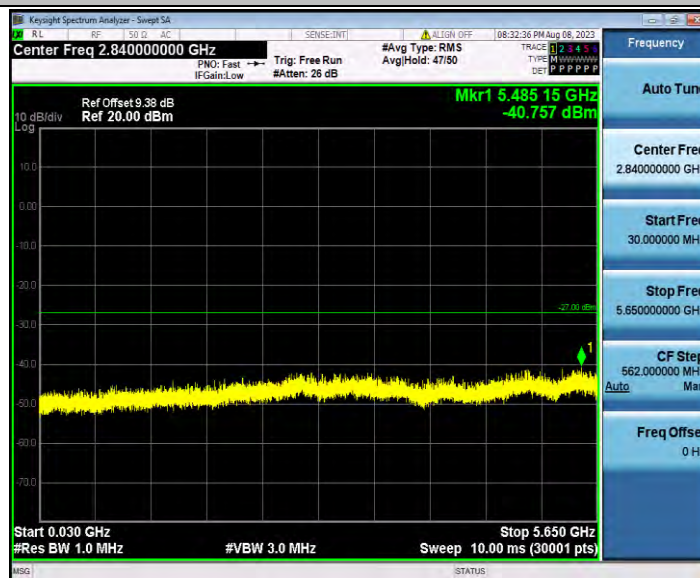
11N40SISO_Ant1_5755_5925~40000



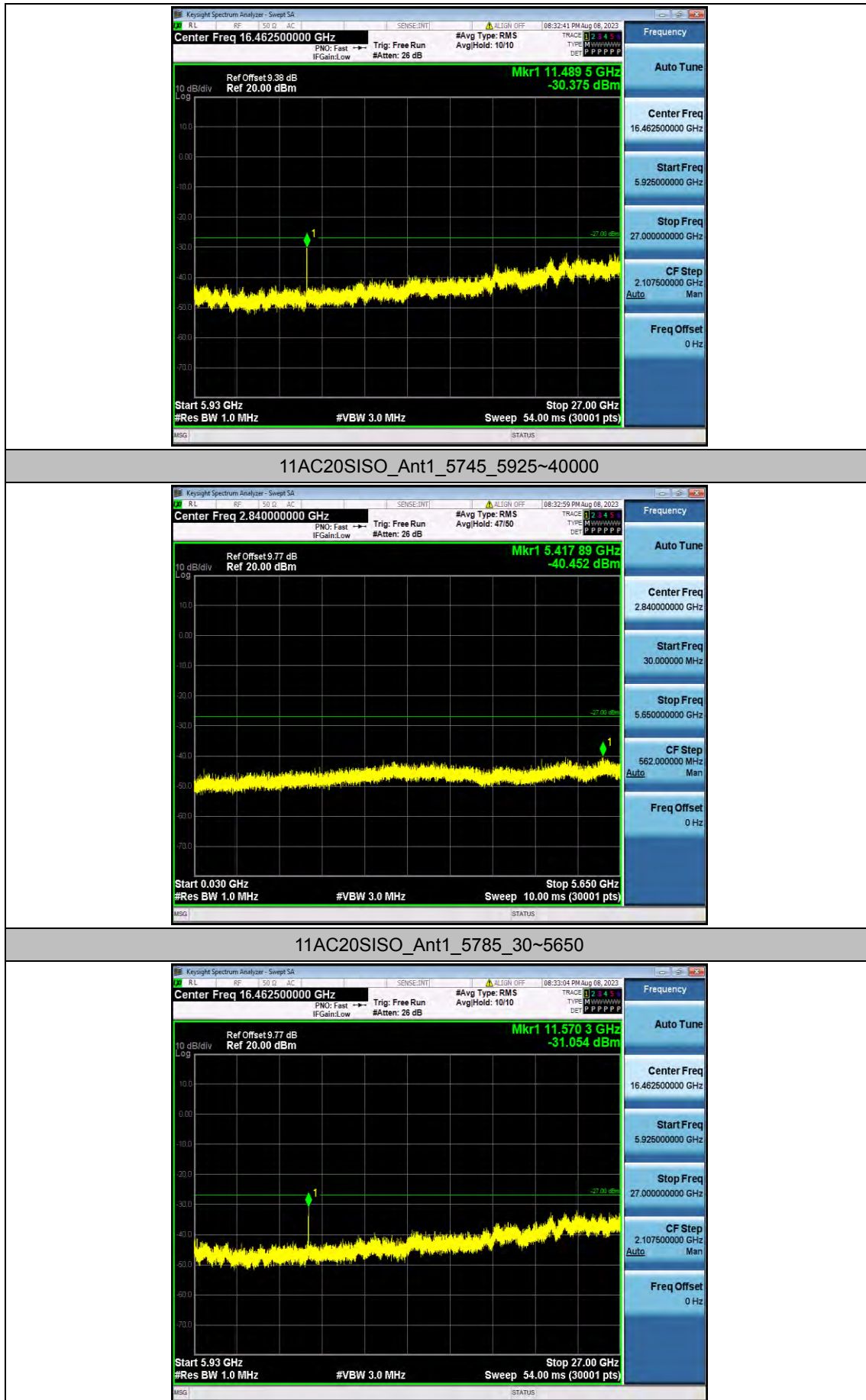
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



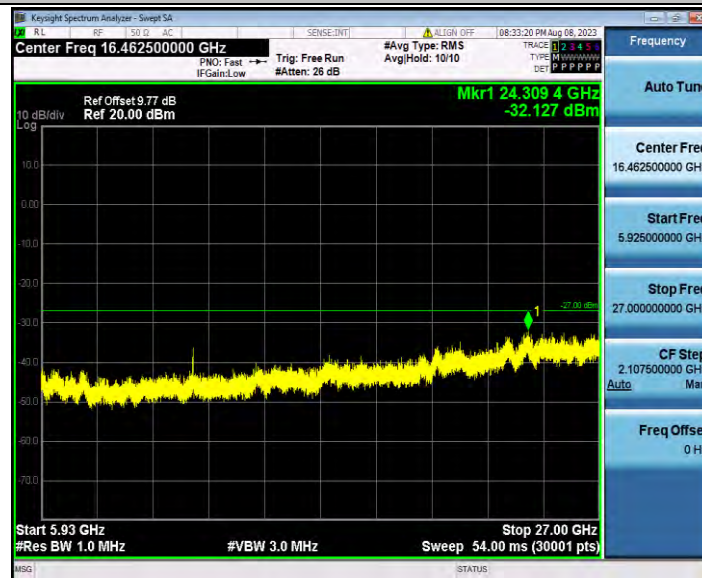
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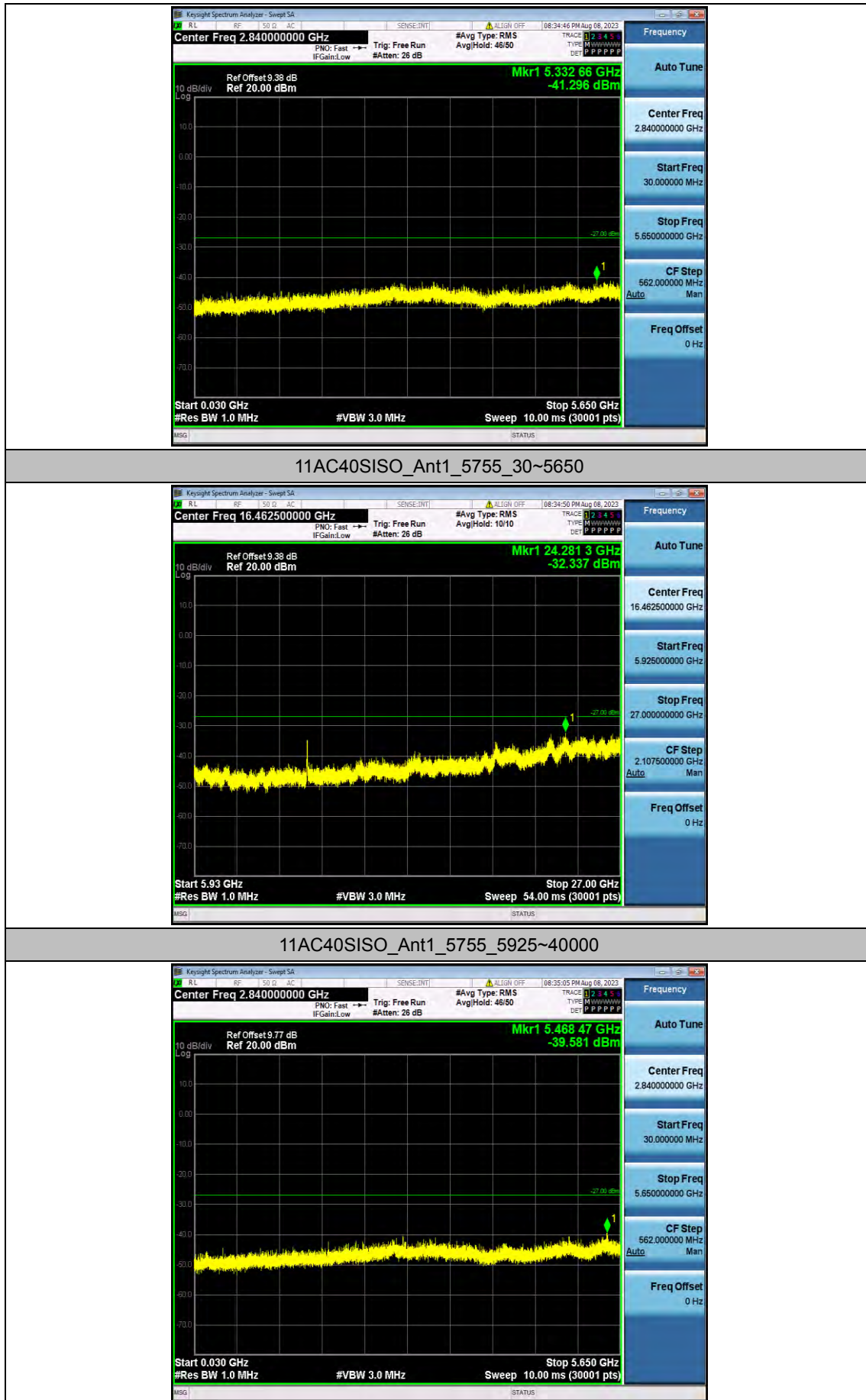
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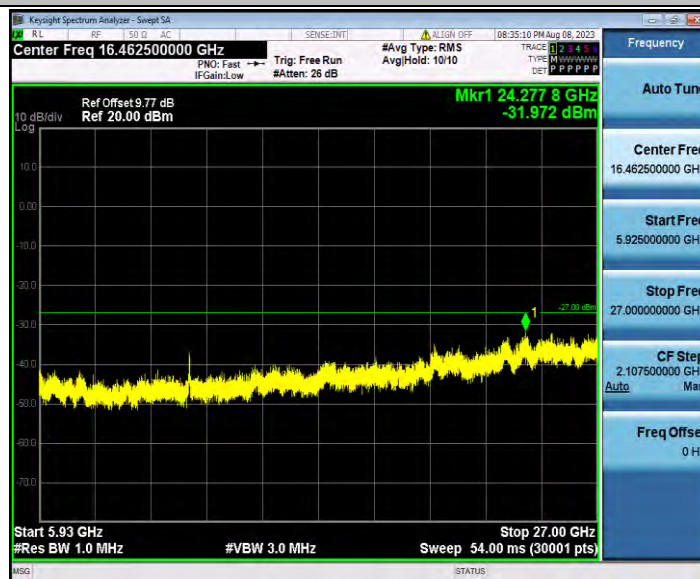
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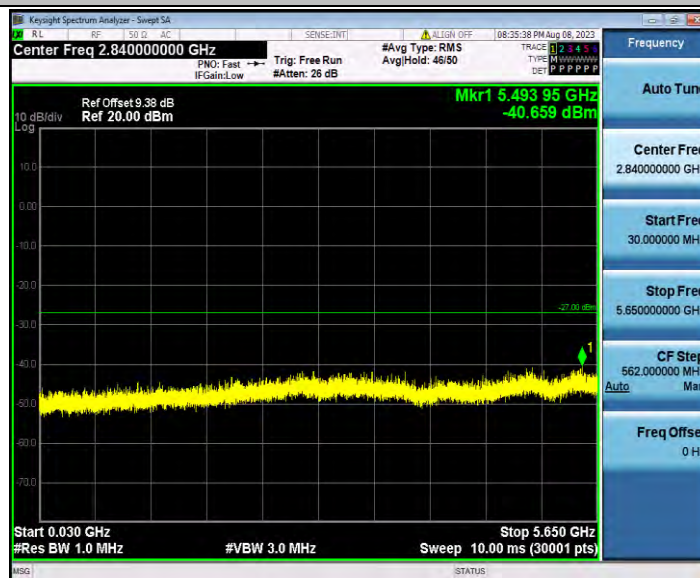
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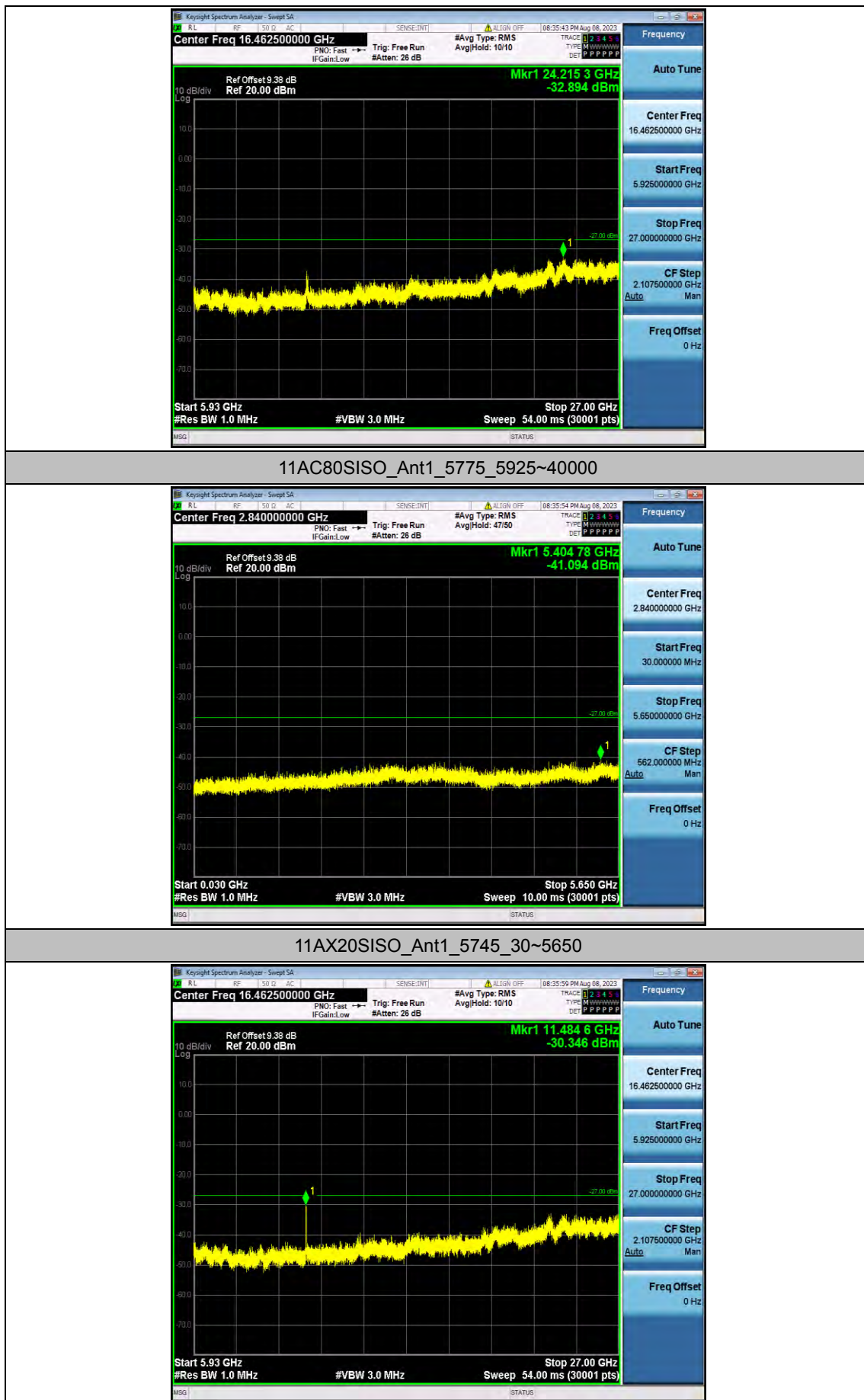
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11AC40SISO_Ant1_5795_5925~40000



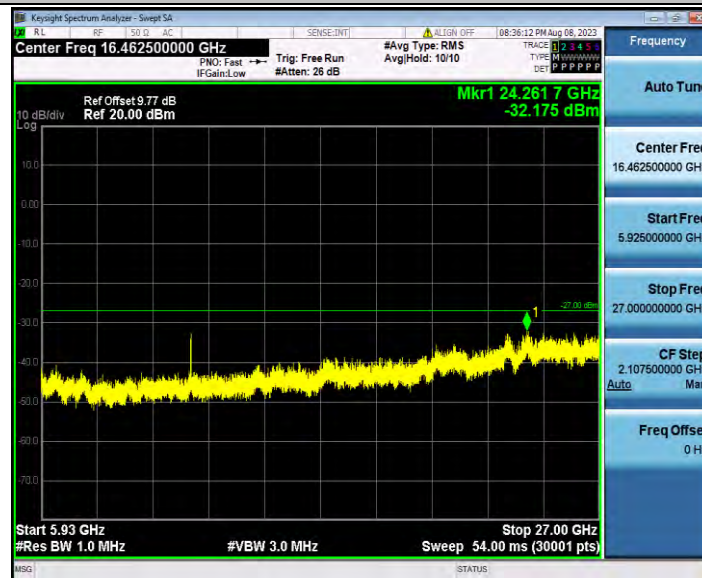
11AC80SISO_Ant1_5775_30~5650



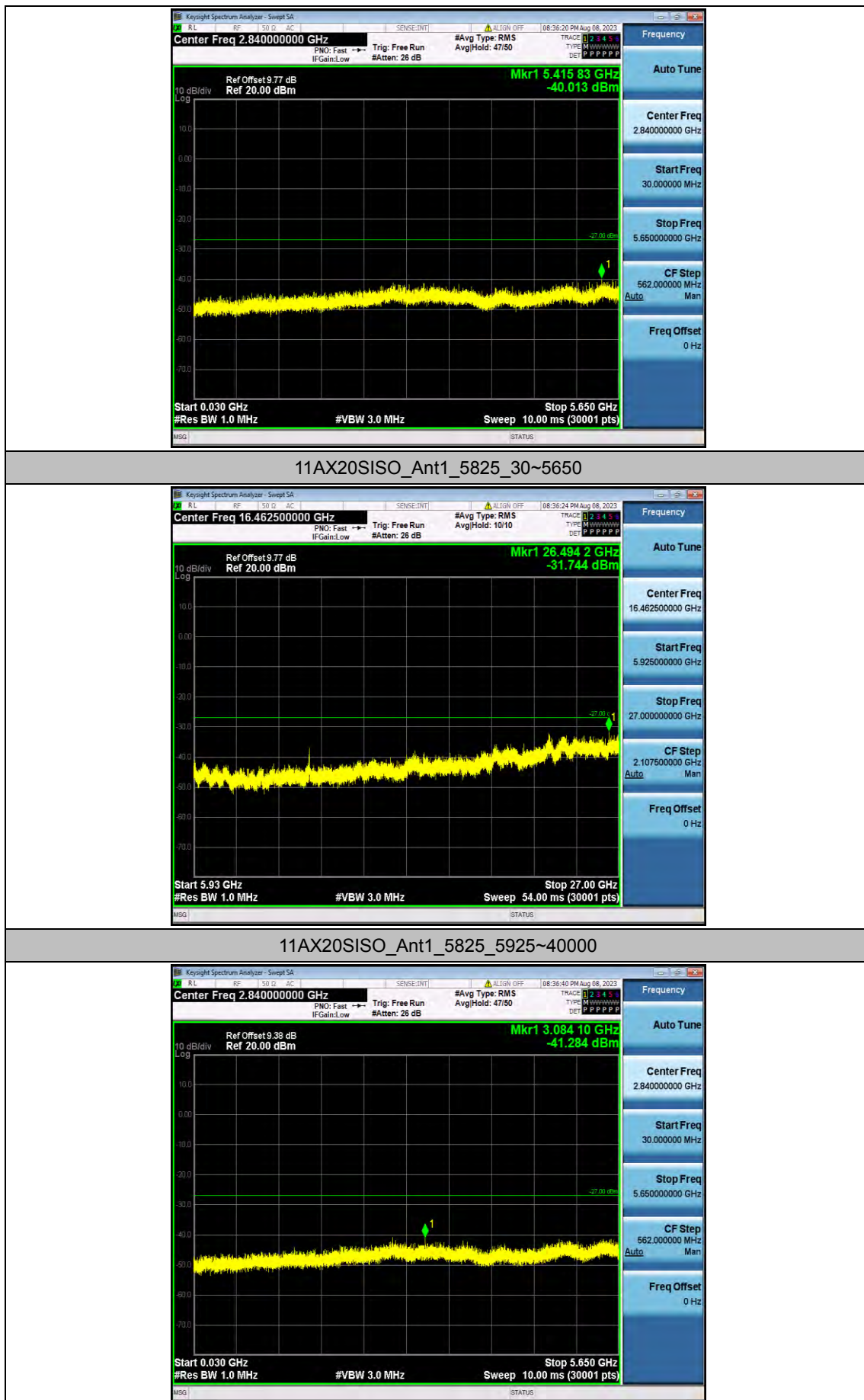
11AX20SISO_Ant1_5745_5925~40000



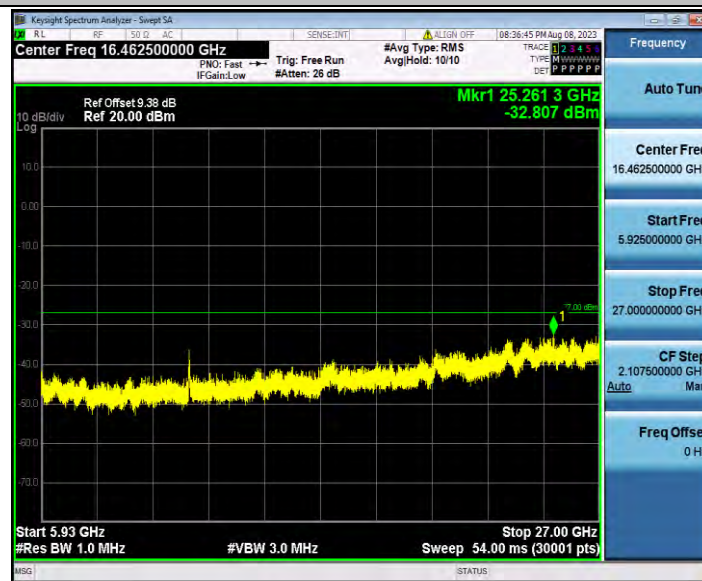
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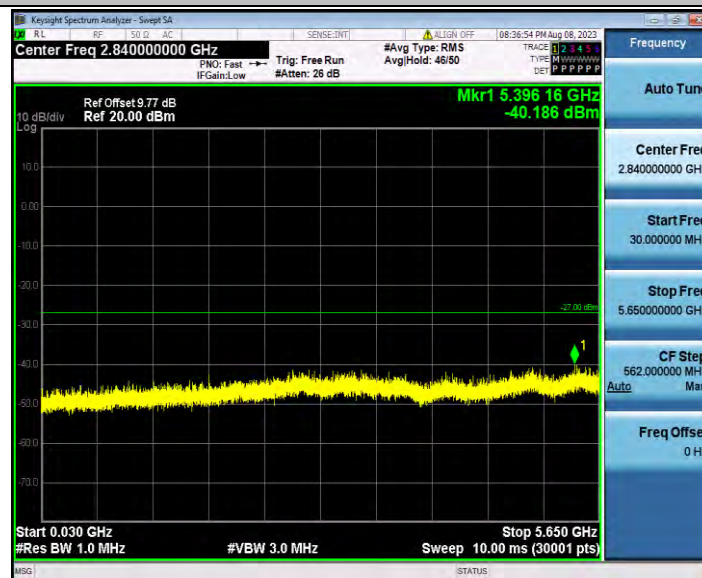
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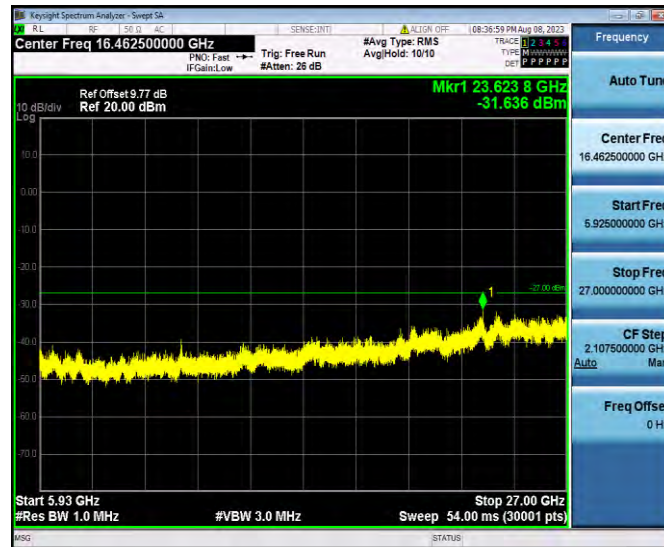
11AX40SISO_Ant1_5755_30~5650



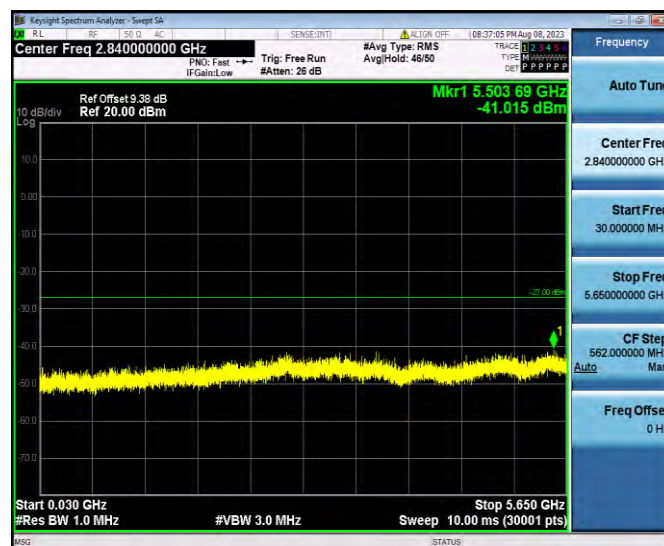
11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000