

Appendix G.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	14.91	97.66	0.10	15.01	≤30.00	PASS
		5785	13.38	75.00	1.25	14.63	≤30.00	PASS
		5825	13.79	73.68	1.33	15.12	≤30.00	PASS
11N20SISO	Ant1	5745	13.63	97.51	0.11	13.74	≤30.00	PASS
		5785	14.19	98.01	0.09	14.28	≤30.00	PASS
		5825	14.94	98.01	0.09	15.03	≤30.00	PASS
11N40SISO	Ant1	5755	13.48	97.52	0.11	13.59	≤30.00	PASS
		5795	14.48	97.52	0.11	14.59	≤30.00	PASS
11AC20SISO	Ant1	5745	13.77	97.50	0.11	13.88	≤30.00	PASS
		5785	14.57	97.50	0.11	14.68	≤30.00	PASS
		5825	14.83	97.50	0.11	14.94	≤30.00	PASS
11AC40SISO	Ant1	5755	13.80	98.00	0.09	13.89	≤30.00	PASS
		5795	14.65	97.51	0.11	14.76	≤30.00	PASS
11AC80SISO	Ant1	5775	14.27	98.01	0.09	14.36	≤30.00	PASS
11AX20SISO	Ant1	5745	13.66	97.51	0.11	13.77	≤30.00	PASS
		5785	14.20	97.50	0.11	14.31	≤30.00	PASS
		5825	14.79	97.51	0.11	14.90	≤30.00	PASS
11AX40SISO	Ant1	5755	13.47	97.51	0.11	13.58	≤30.00	PASS
		5795	14.29	98.00	0.09	14.38	≤30.00	PASS
11AX80SISO	Ant1	5775	13.96	97.51	0.11	14.07	≤30.00	PASS

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

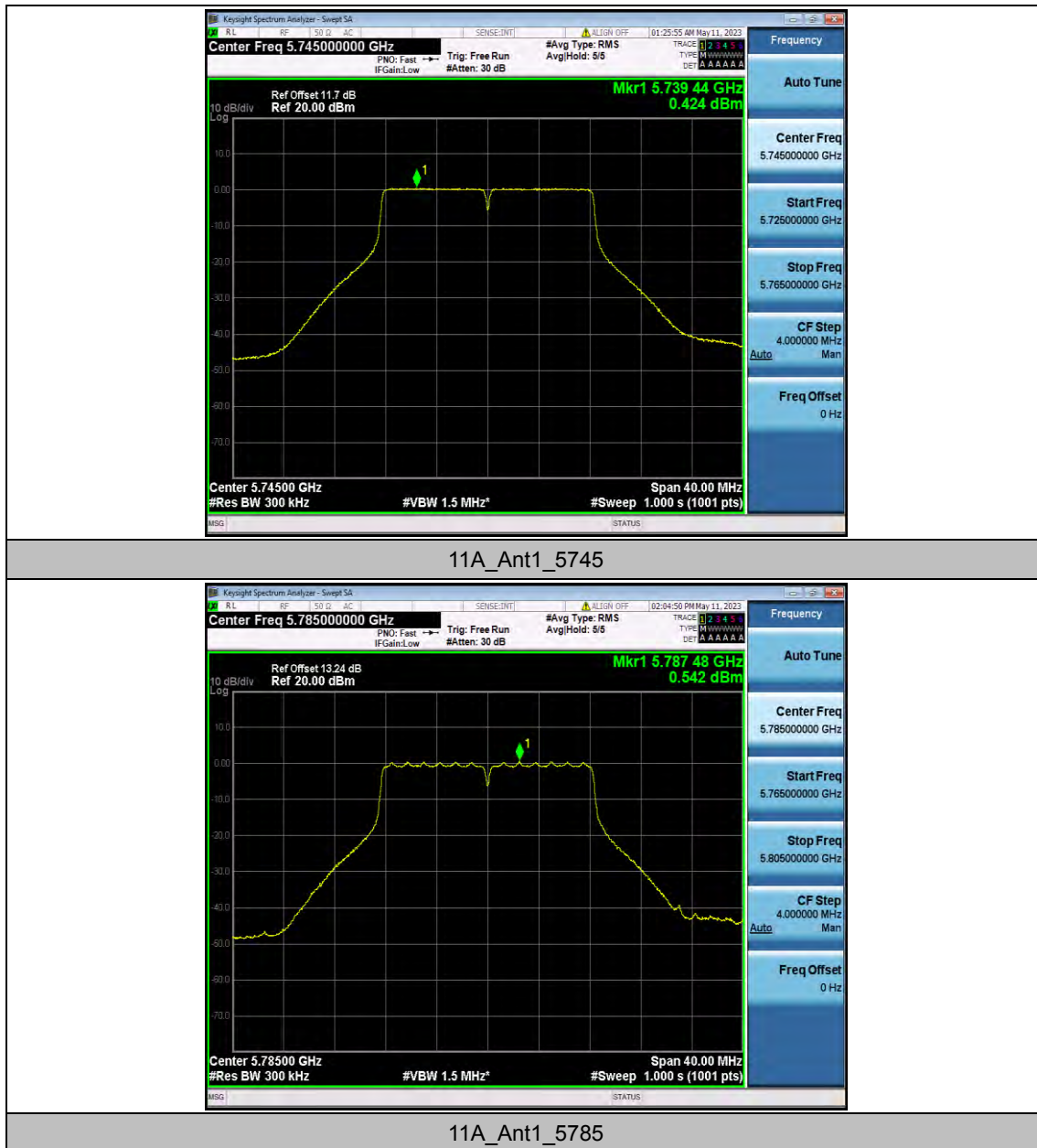
Appendix G.5: Maximum power spectral density

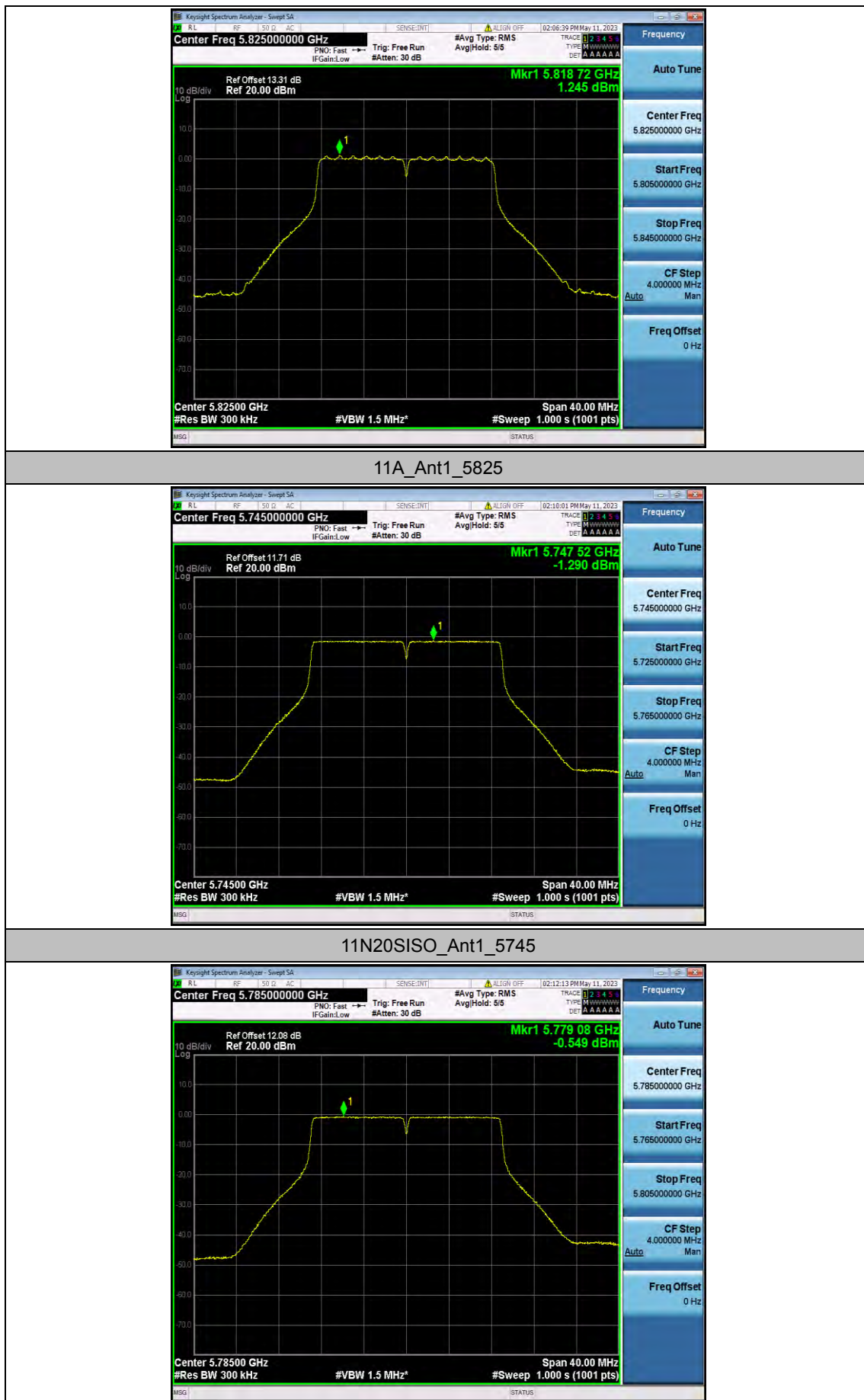
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	0.42	≤30.00	PASS
		5785	0.54	≤30.00	PASS
		5825	1.25	≤30.00	PASS
11N20SISO	Ant1	5745	-1.29	≤30.00	PASS
		5785	-0.55	≤30.00	PASS
		5825	0.08	≤30.00	PASS
11N40SISO	Ant1	5755	-4.1	≤30.00	PASS
		5795	-2.87	≤30.00	PASS
11AC20SISO	Ant1	5745	-1.01	≤30.00	PASS
		5785	-0.4	≤30.00	PASS
		5825	0.29	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.77	≤30.00	PASS
		5795	-2.53	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.91	≤30.00	PASS
11AX20SISO	Ant1	5745	-1.57	≤30.00	PASS
		5785	-0.92	≤30.00	PASS
		5825	-0.11	≤30.00	PASS
11AX40SISO	Ant1	5755	-4.53	≤30.00	PASS
		5795	-3.35	≤30.00	PASS
11AX80SISO	Ant1	5775	-6.5	≤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



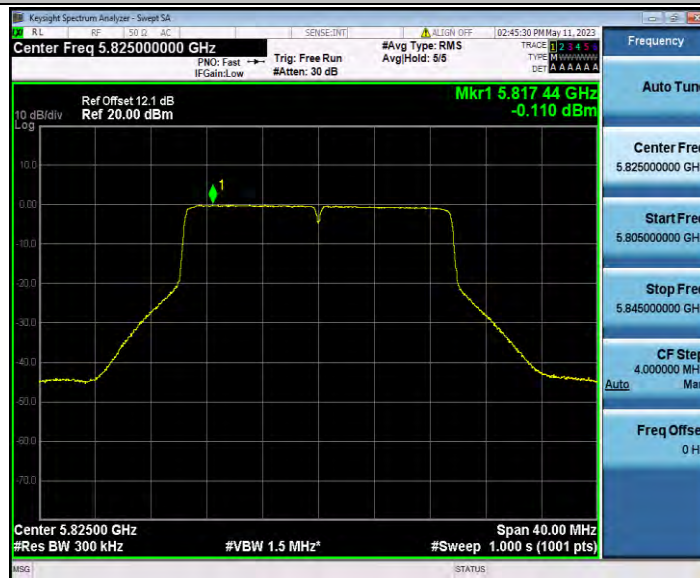
11AC40SISO_Ant1_5755



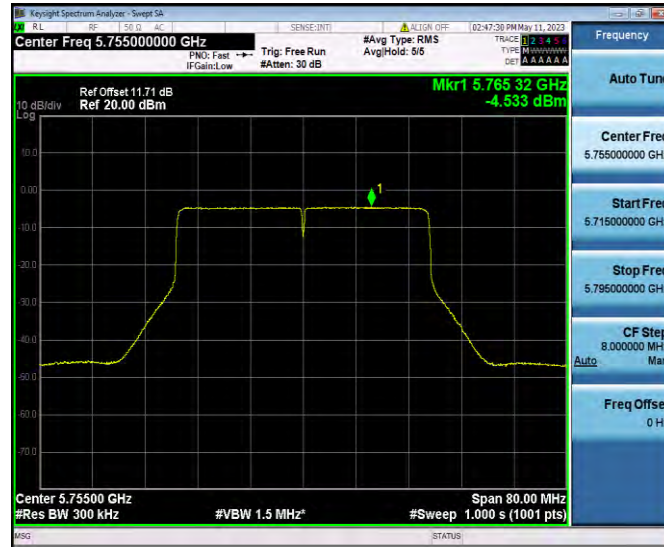
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

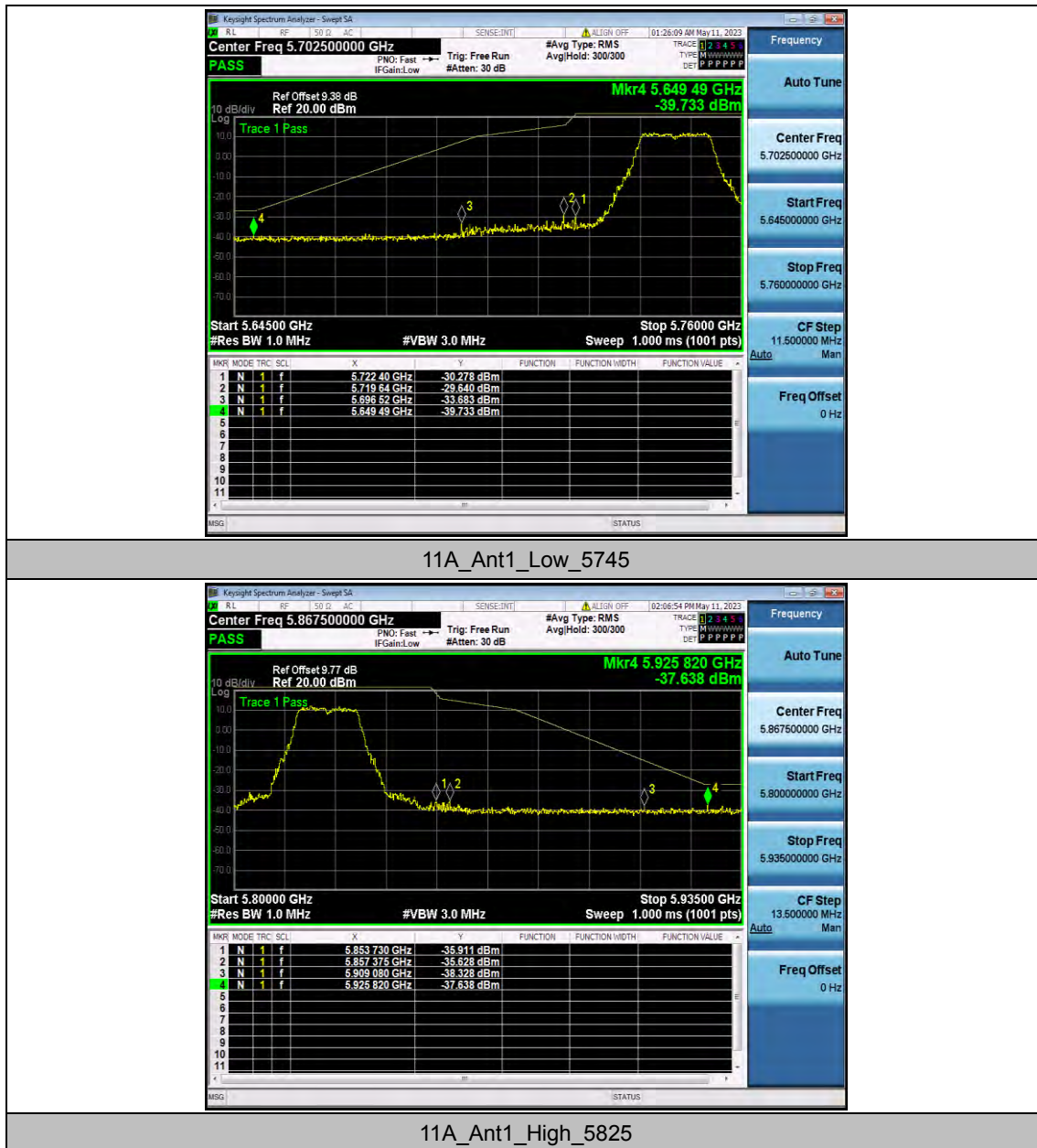
Appendix G.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-33.68	≤7.42	PASS
				5700~5720	-29.64	≤15.50	PASS
				5720~5725	-30.28	≤21.06	PASS
				5760~5650	-39.73	≤-27	PASS
		High	5825	5850~5855	-35.91	≤24.10	PASS
				5855~5875	-35.63	≤10.66	PASS
				5875~5925	-38.33	≤-1.78	PASS
				5925~5935	-37.64	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.69	≤5.81	PASS
				5700~5720	-35.51	≤15.34	PASS
				5720~5725	-35.07	≤26.04	PASS
				5760~5650	-40.23	≤-27	PASS
		High	5825	5850~5855	-36.72	≤25.64	PASS
				5855~5875	-38.1	≤13.08	PASS
				5875~5925	-38.47	≤-4.78	PASS
				5925~5935	-38.86	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-37.11	≤9.46	PASS
				5700~5720	-32.21	≤15.47	PASS
				5720~5725	-32.2	≤16.04	PASS
				5780~5650	-39.31	≤-27	PASS
		High	5795	5850~5855	-37.87	≤15.66	PASS
				5855~5875	-38.05	≤12.07	PASS
				5875~5925	-38.3	≤-17.64	PASS
				5925~5935	-38.23	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.63	≤-17.00	PASS
				5700~5720	-35.37	≤14.73	PASS
				5720~5725	-34.7	≤24.99	PASS
				5760~5650	-38.66	≤-27	PASS
		High	5825	5850~5855	-35.55	≤16.10	PASS
				5855~5875	-36.98	≤10.36	PASS
				5875~5925	-37.4	≤-13.67	PASS
				5925~5935	-38.95	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-36.04	≤7.56	PASS
				5700~5720	-33.09	≤15.58	PASS
				5720~5725	-33.1	≤21.89	PASS
				5780~5650	-38.67	≤-27	PASS

		High	5795	5850~5855	-37.32	≤ 17.54	PASS
				5855~5875	-38.04	≤ 13.55	PASS
				5875~5925	-38.35	≤ -23.99	PASS
				5925~5935	-37.99	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-33.78	≤ 7.15	PASS
				5700~5720	-31.72	≤ 14.04	PASS
				5720~5725	-32.16	≤ 25.54	PASS
				5800~5650	-37.62	≤ -27	PASS
		High	5775	5850~5855	-34.56	≤ 17.48	PASS
				5855~5875	-34.66	≤ 10.13	PASS
				5875~5925	-38.04	≤ 8.64	PASS
				5925~5935	-38.23	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.55	≤ 2.91	PASS
				5700~5720	-36.38	≤ 15.18	PASS
				5720~5725	-35.16	≤ 26.83	PASS
				5760~5650	-39.97	≤ -27	PASS
		High	5825	5850~5855	-33.67	≤ 16.72	PASS
				5855~5875	-36.9	≤ 10.25	PASS
				5875~5925	-37.68	≤ -13.17	PASS
				5925~5935	-37.98	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-36.02	≤ 7.36	PASS
				5700~5720	-32.59	≤ 15.58	PASS
				5720~5725	-32.45	≤ 15.74	PASS
				5780~5650	-39.3	≤ -27	PASS
		High	5795	5850~5855	-38.21	≤ 15.66	PASS
				5855~5875	-36.96	≤ 10.18	PASS
				5875~5925	-37.2	≤ -17.89	PASS
				5925~5935	-38.94	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-34.99	≤ 4.86	PASS
				5700~5720	-32.99	≤ 15.04	PASS
				5720~5725	-32.69	≤ 25.89	PASS
				5800~5650	-38.1	≤ -27	PASS
		High	5775	5850~5855	-36.14	≤ 16.22	PASS
				5855~5875	-36.85	≤ 10.70	PASS
				5875~5925	-38.3	≤ -10.94	PASS
				5925~5935	-38.04	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



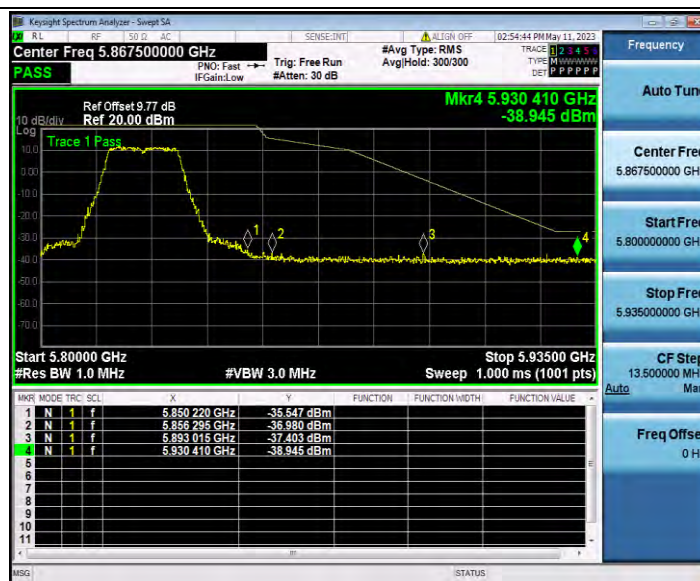
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



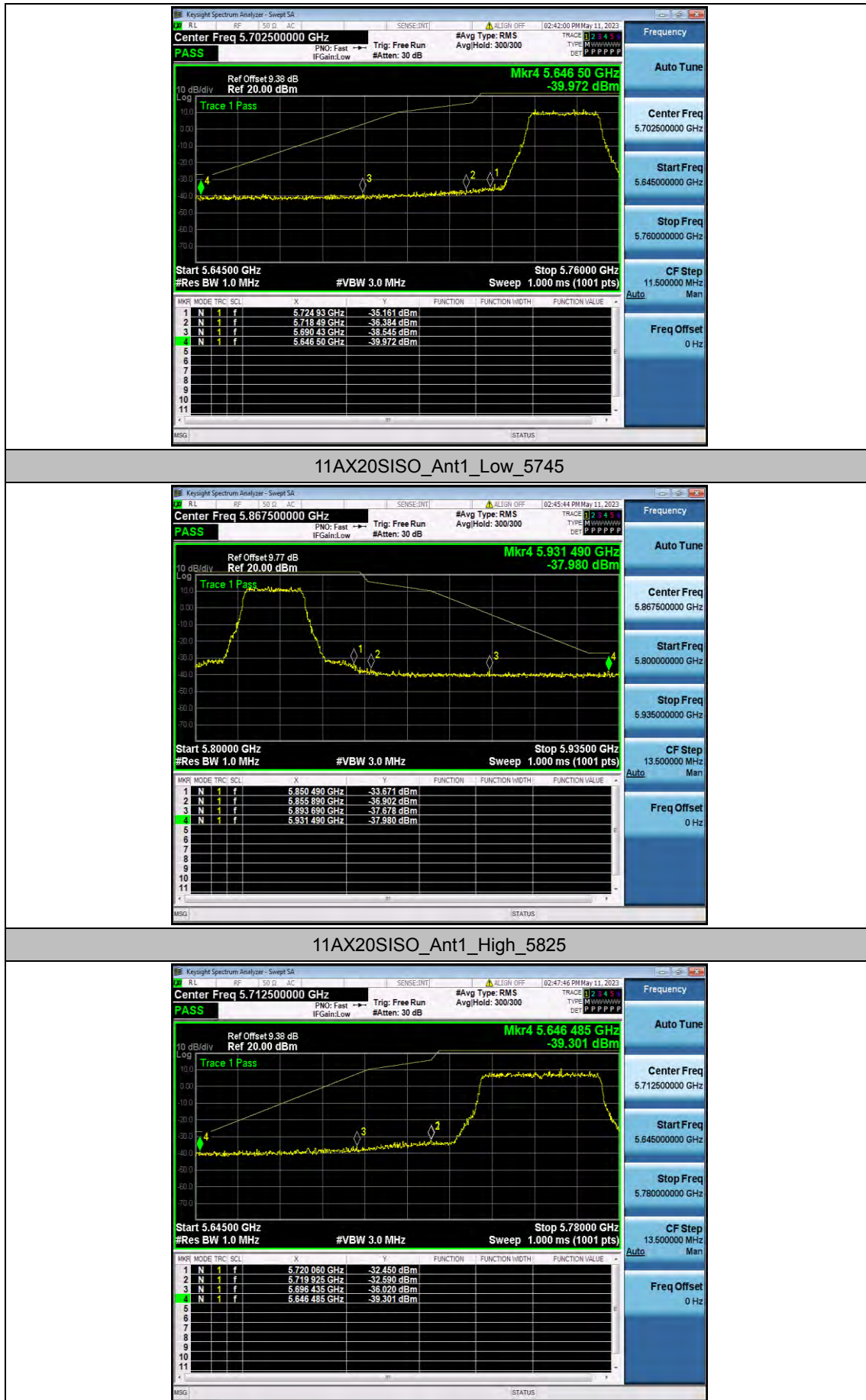
11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



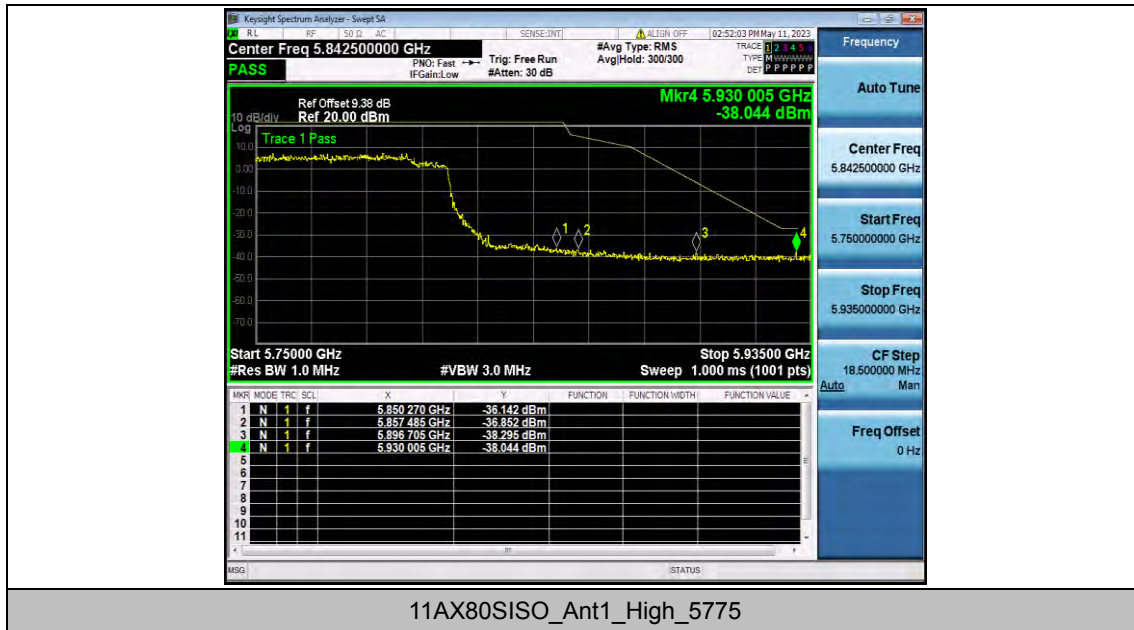
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



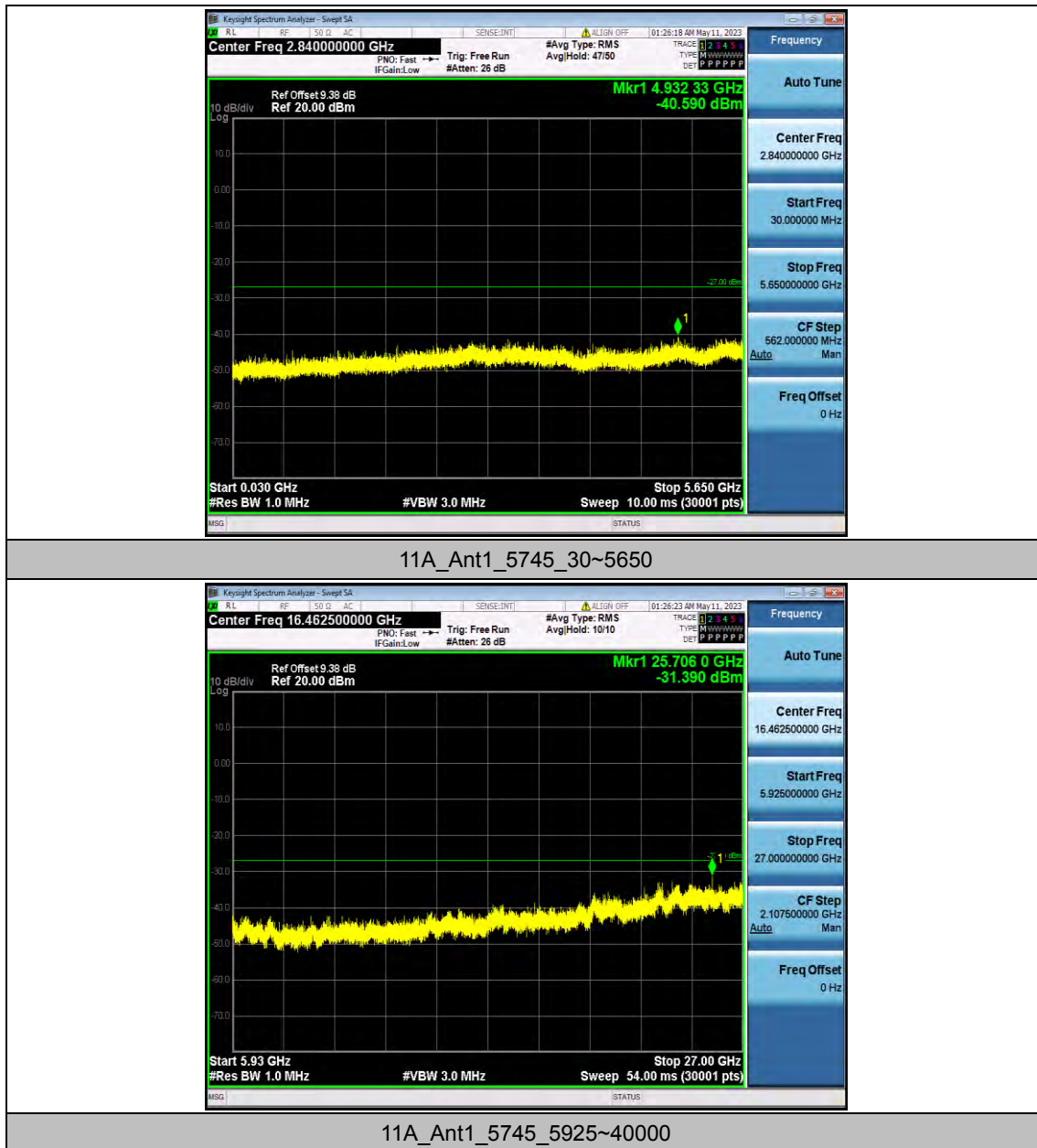
Appendix G.7: Conducted Spurious Emission

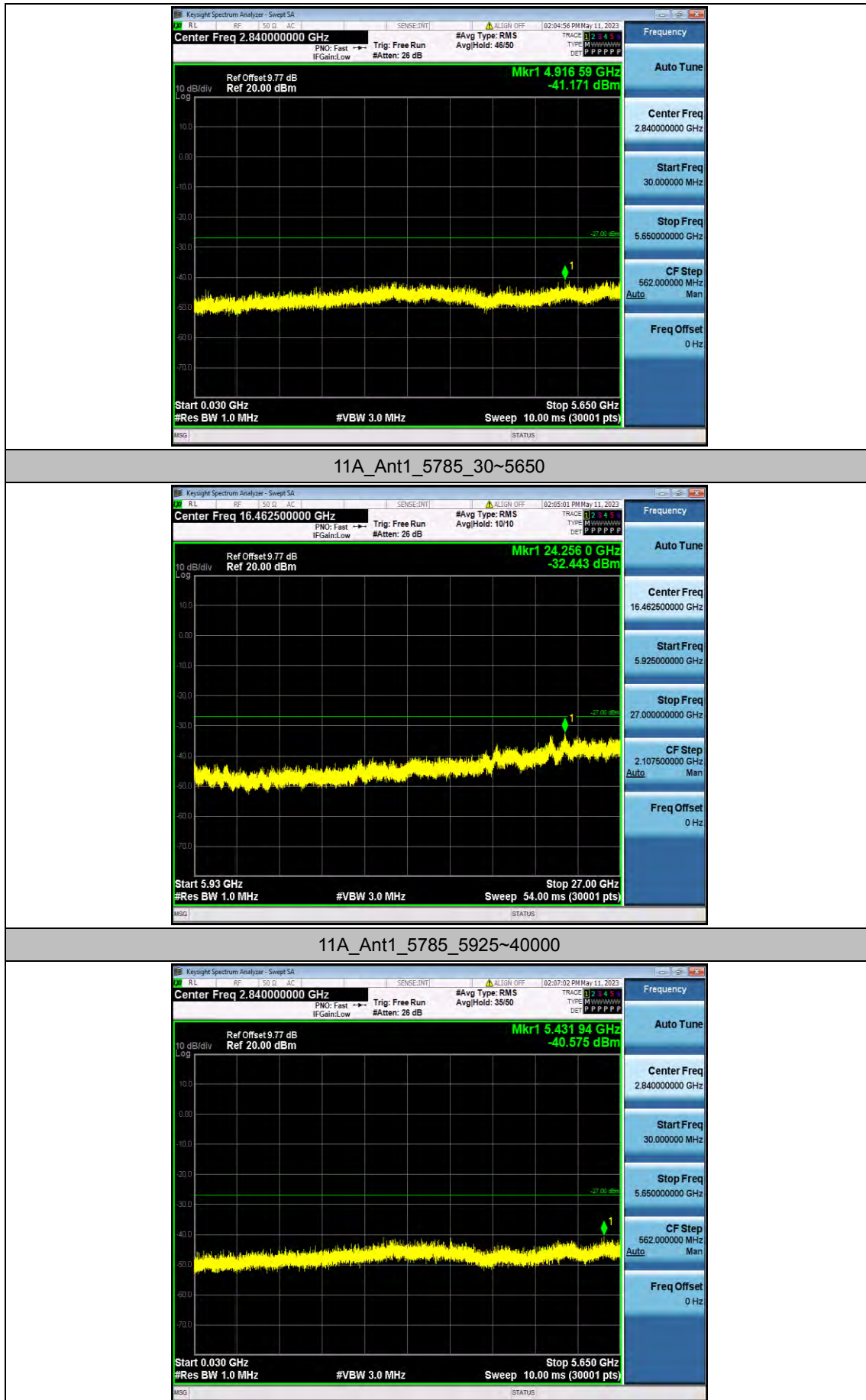
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	4932.33	-40.59	≤-27	PASS
			5925~40000	25706	-31.39	≤-27	PASS
		5785	30~5650	4916.59	-41.17	≤-27	PASS
			5925~40000	24256.04	-32.44	≤-27	PASS
		5825	30~5650	5431.94	-40.58	≤-27	PASS
			5925~40000	24148.55	-33.04	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4956.68	-40.67	≤-27	PASS
			5925~40000	26644.54	-33.4	≤-27	PASS
		5785	30~5650	5490.2	-41.14	≤-27	PASS
			5925~40000	24257.44	-33.05	≤-27	PASS
		5825	30~5650	5413.02	-40.64	≤-27	PASS
			5925~40000	24312.24	-33.44	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2712.43	-40.82	≤-27	PASS
			5925~40000	24859.48	-33.12	≤-27	PASS
		5795	30~5650	5440.56	-40.68	≤-27	PASS
			5925~40000	24255.33	-32.72	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5434.94	-40.81	≤-27	PASS
			5925~40000	24285.54	-32.75	≤-27	PASS
		5785	30~5650	5452.74	-40.64	≤-27	PASS
			5925~40000	24298.89	-32.09	≤-27	PASS
		5825	30~5650	5531.23	-40.35	≤-27	PASS
			5925~40000	24779.4	-31.96	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5469.97	-41.03	≤-27	PASS
			5925~40000	26513.87	-32.72	≤-27	PASS
		5795	30~5650	5491.14	-40.38	≤-27	PASS
			5925~40000	26570.07	-32.53	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5646.44	-39.33	≤-27	PASS
			5925~40000	24807.5	-31.38	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5647.19	-40.46	≤-27	PASS
			5925~40000	24277.11	-32.56	≤-27	PASS
		5785	30~5650	5503.51	-39.79	≤-27	PASS
			5925~40000	24334.72	-31.61	≤-27	PASS
		5825	30~5650	3158.65	-40.54	≤-27	PASS
			5925~40000	24223.02	-31.67	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5509.69	-40.4	≤-27	PASS
			5925~40000	24977.5	-32.76	≤-27	PASS

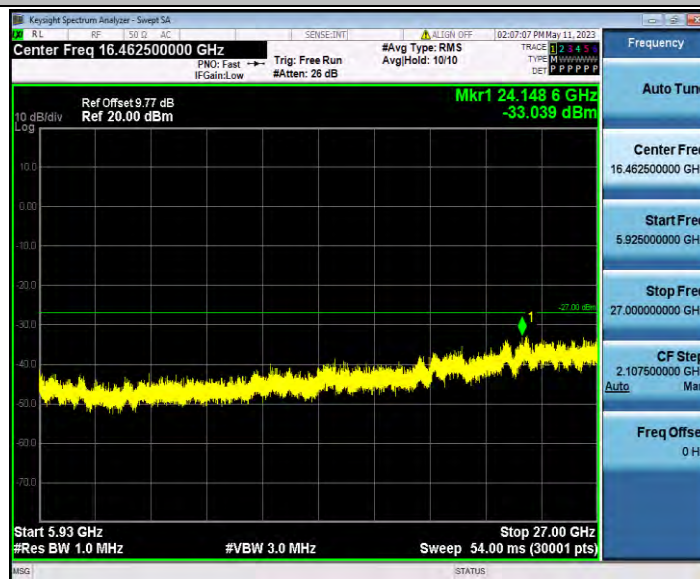
		5795	30~5650	2732.85	-40.31	≤ -27	PASS
			5925~40000	26686.69	-32.54	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5601.48	-40.18	≤ -27	PASS
			5925~40000	24248.31	-32.09	≤ -27	PASS

Test Graphs





11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



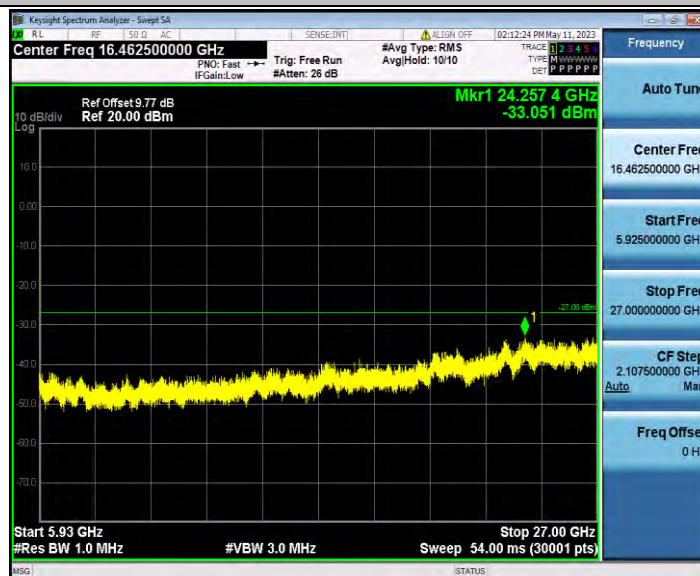
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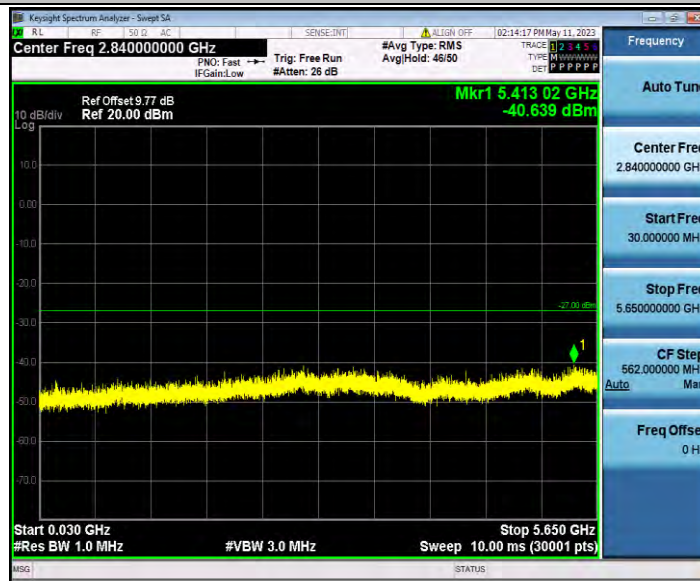
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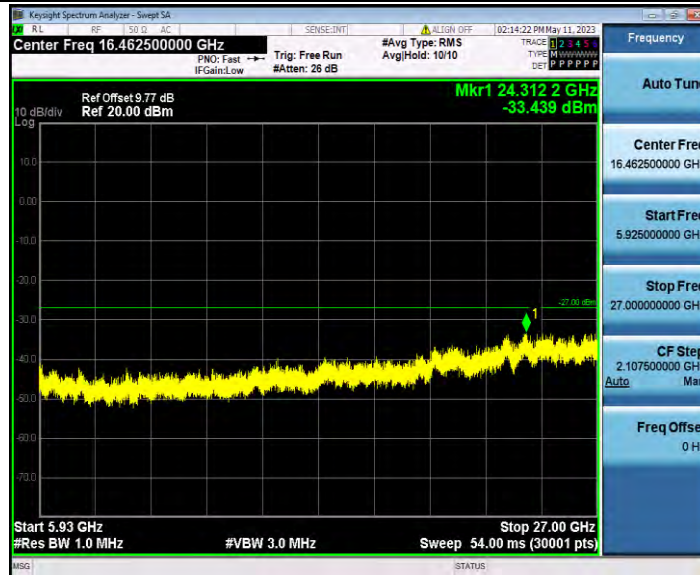
11N20SISO_Ant1_5785_30~5650



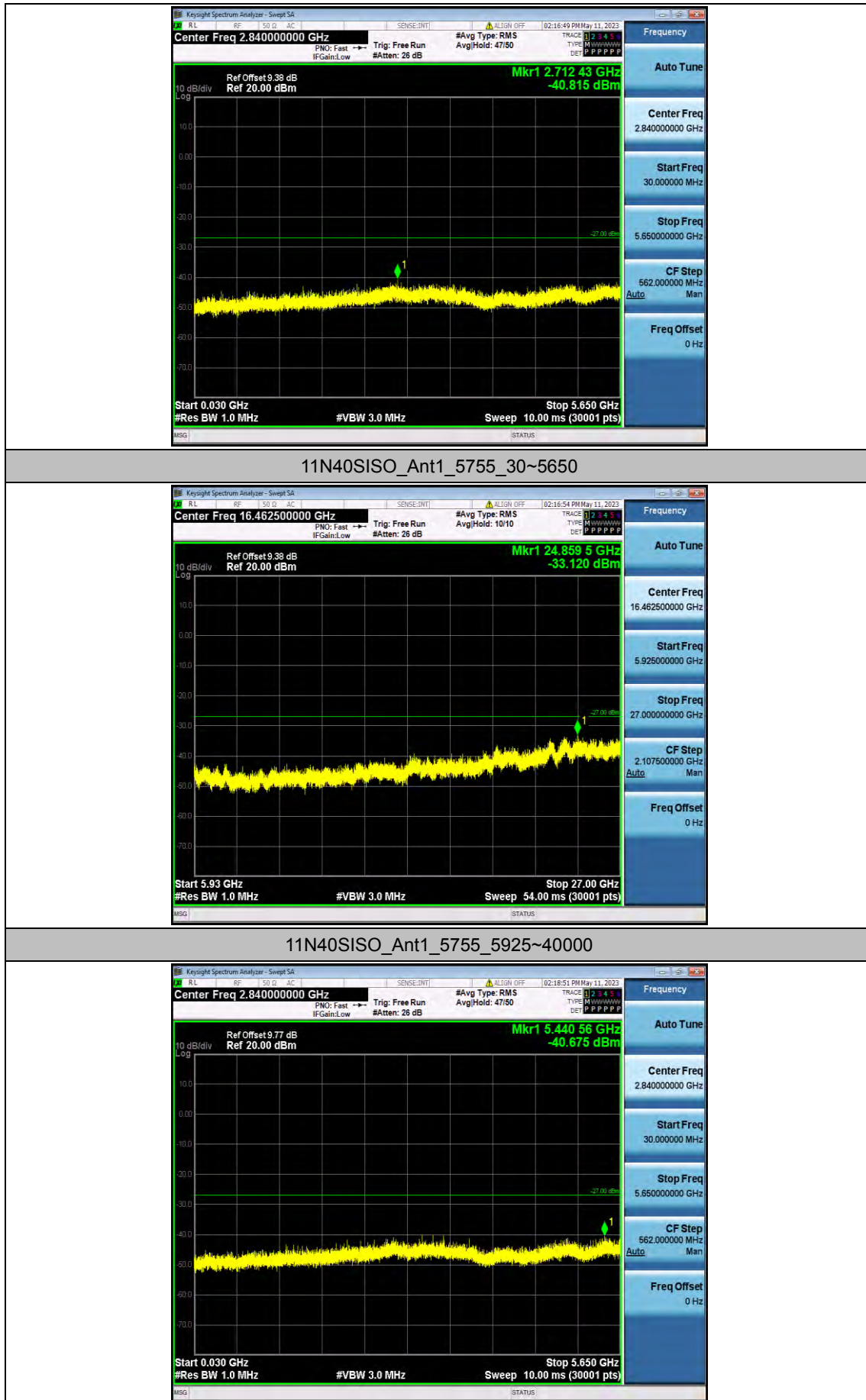
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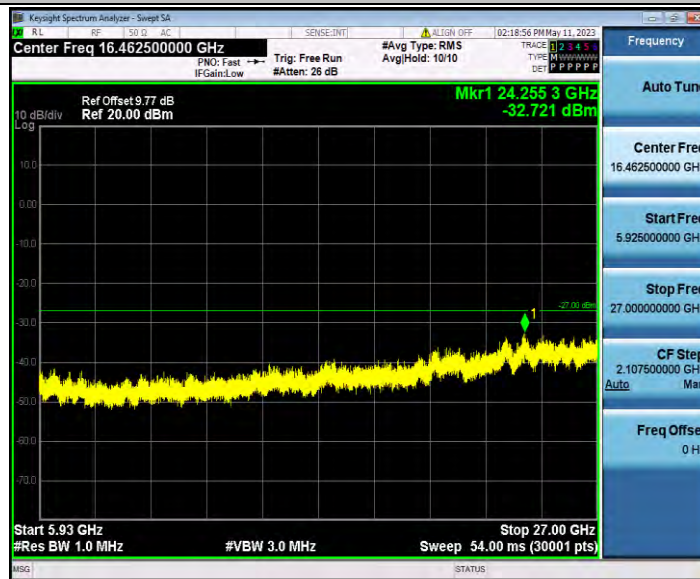
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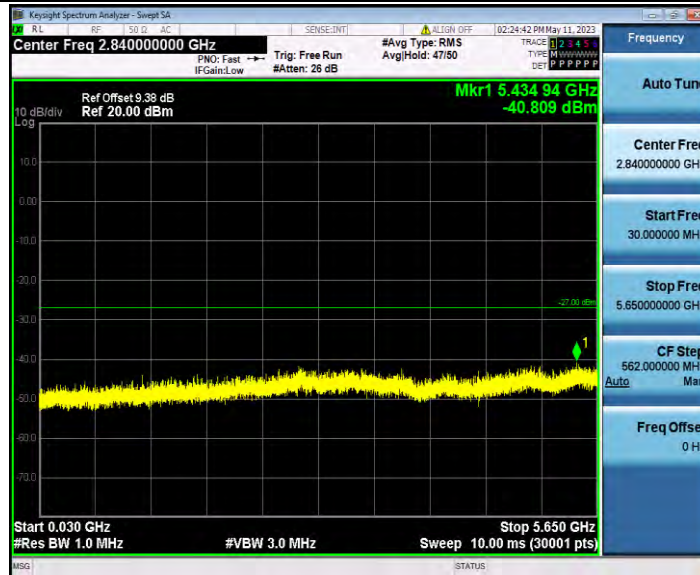
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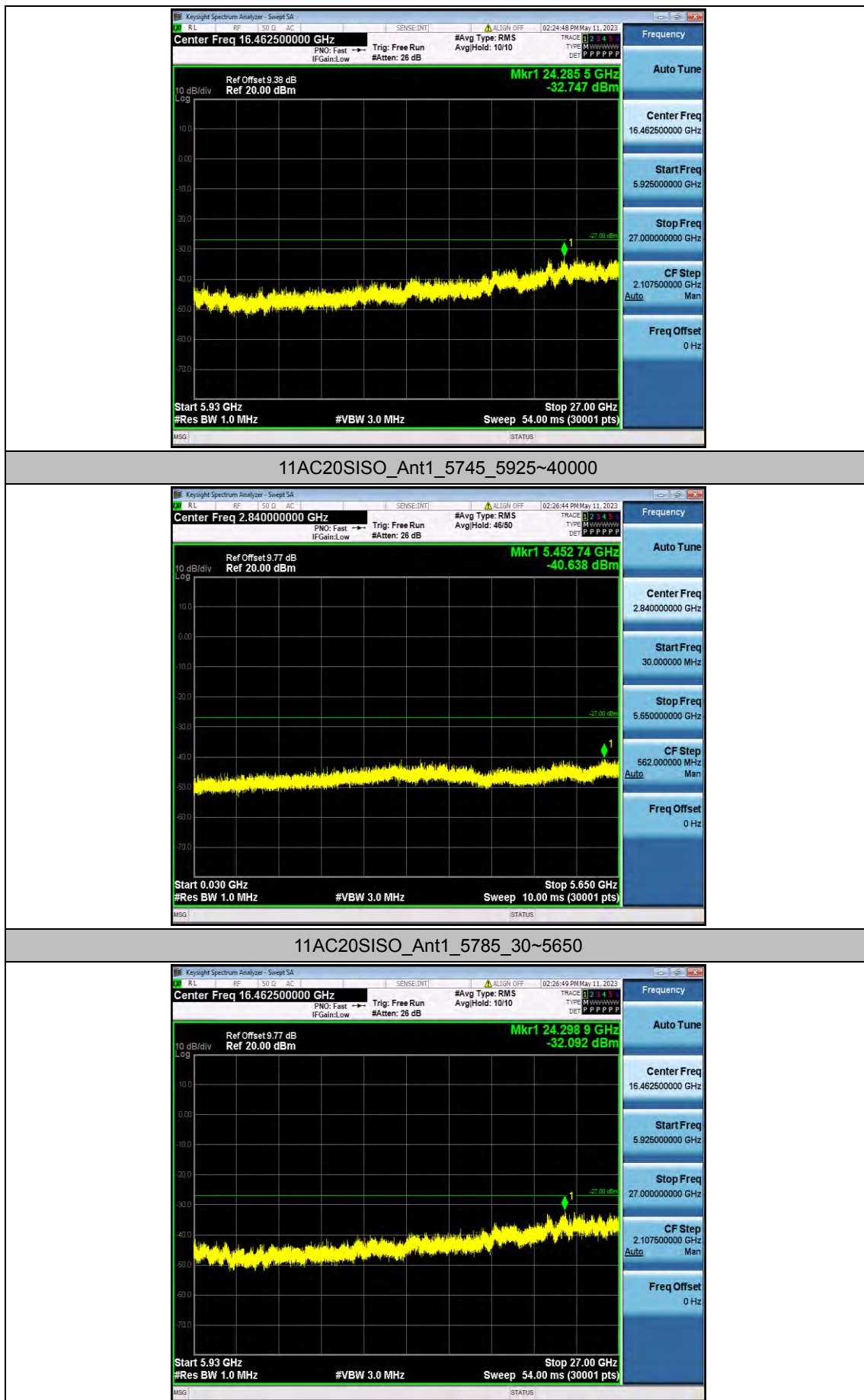
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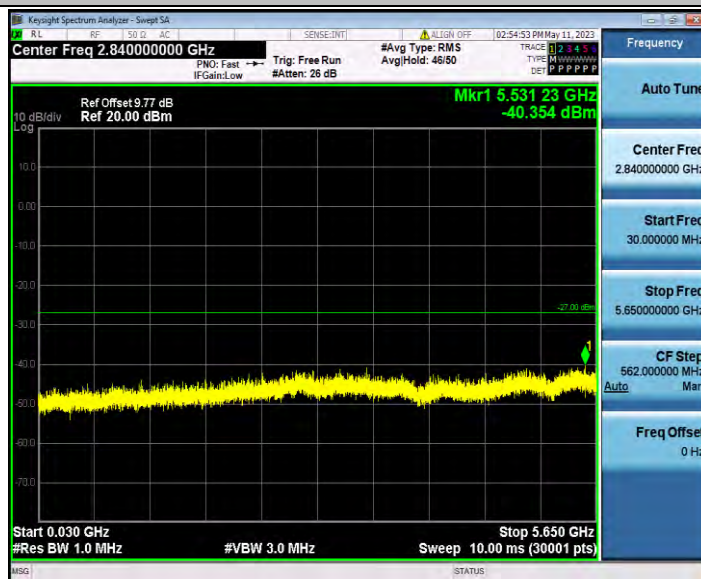
11N40SISO_Ant1_5795_5925~40000



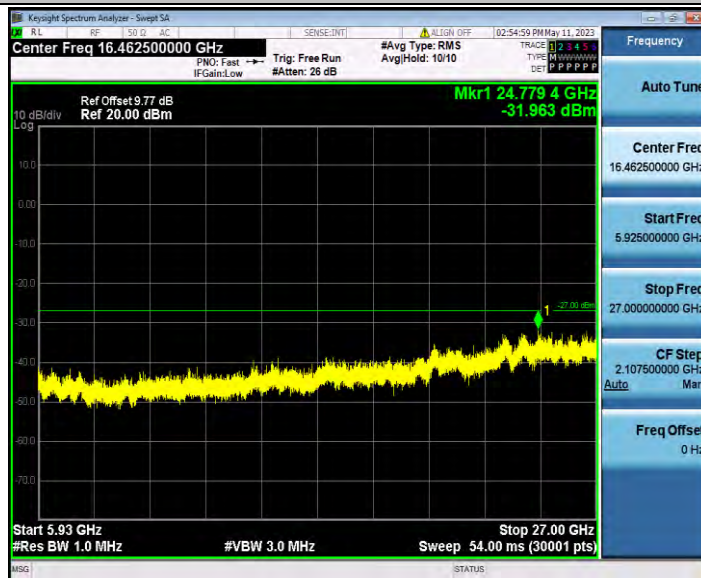
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11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



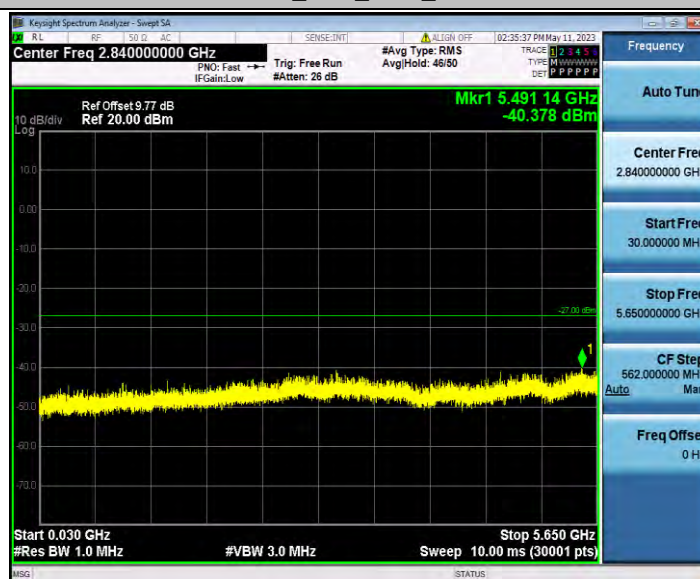
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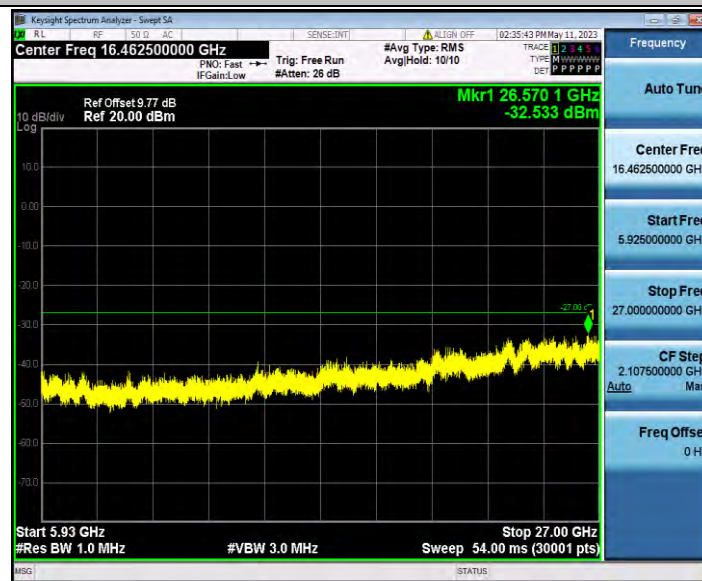
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11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



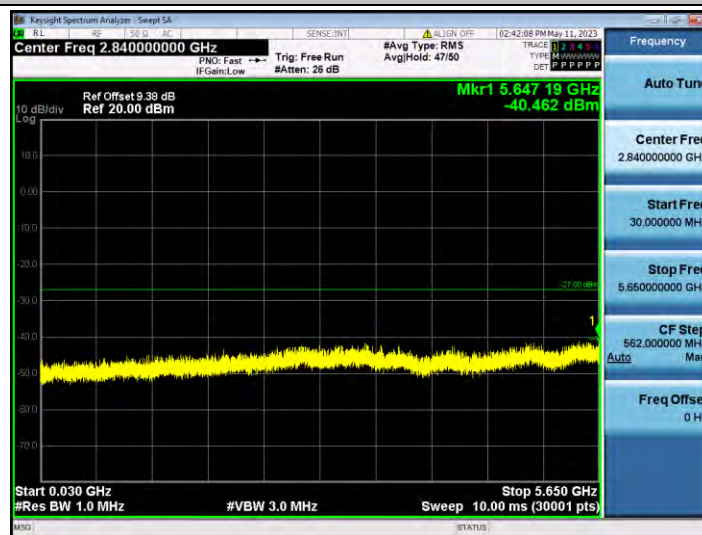
11AC40SISO_Ant1_5795_5925~40000



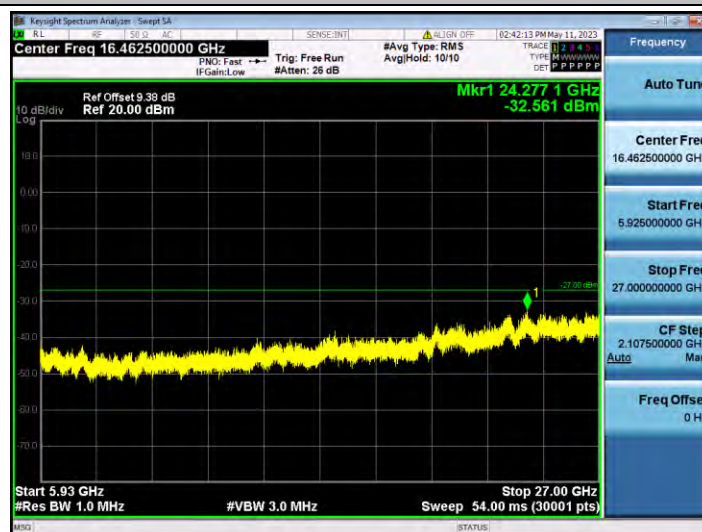
11AC80SISO_Ant1_5775_30~5650



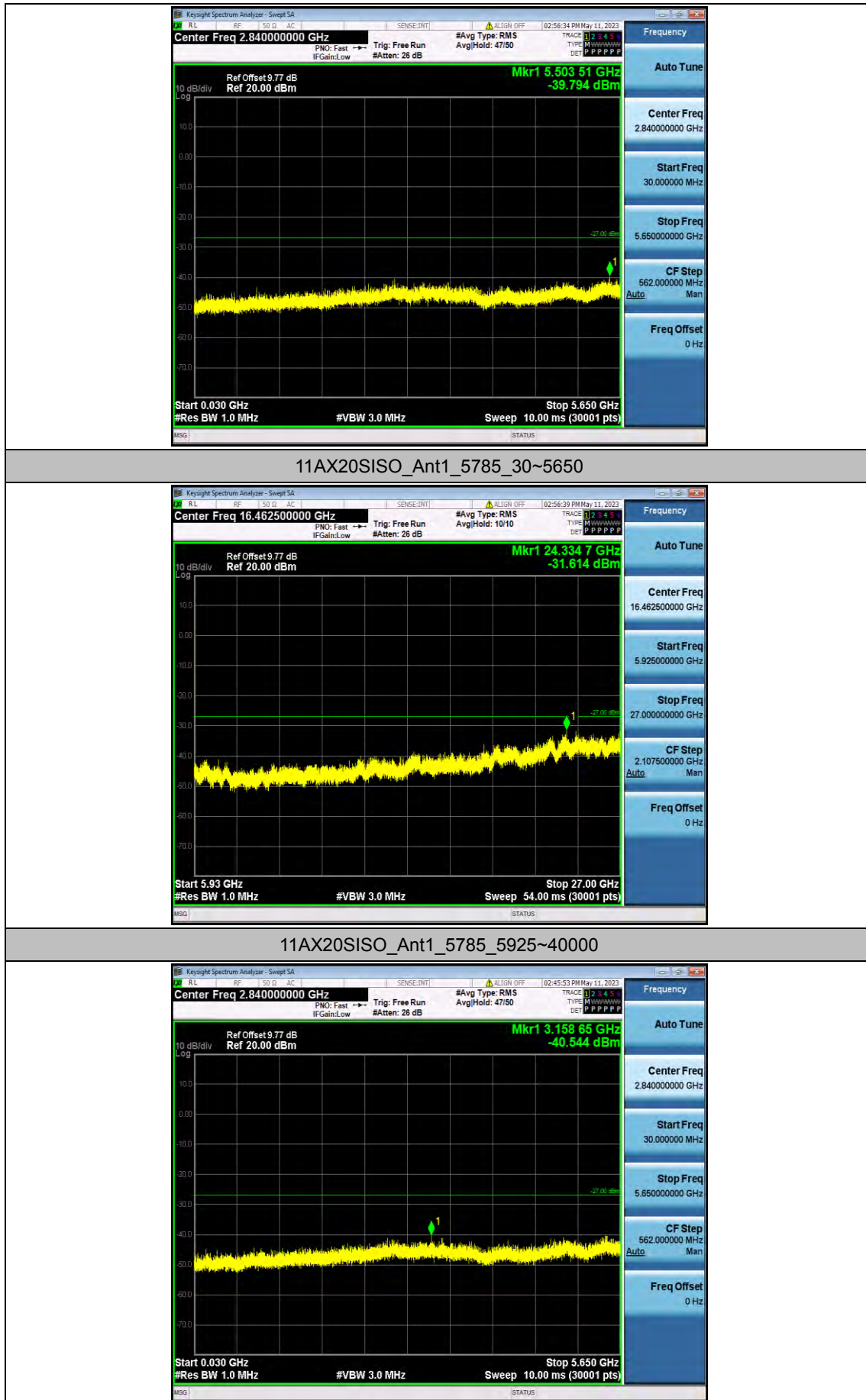
11AC80SISO_Ant1_5775_5925~40000



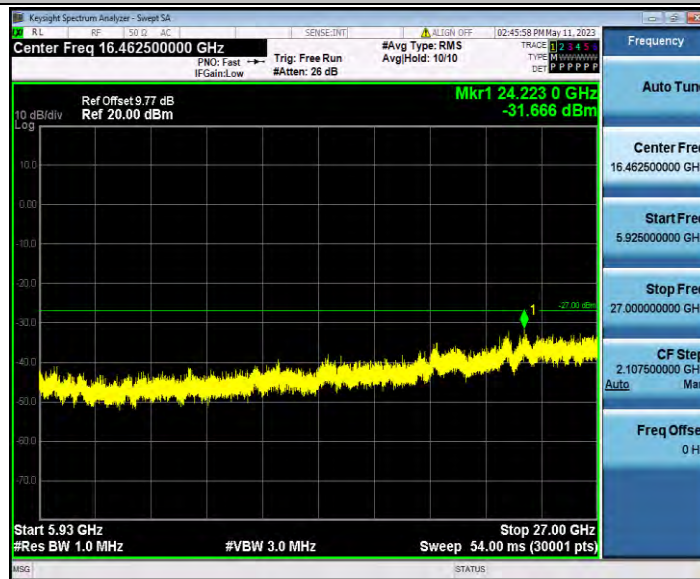
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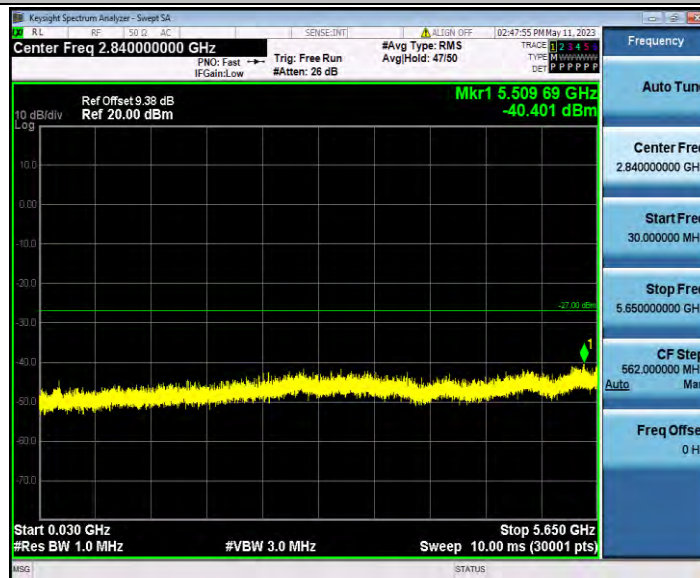
11AX20SISO_Ant1_5745_5925~40000



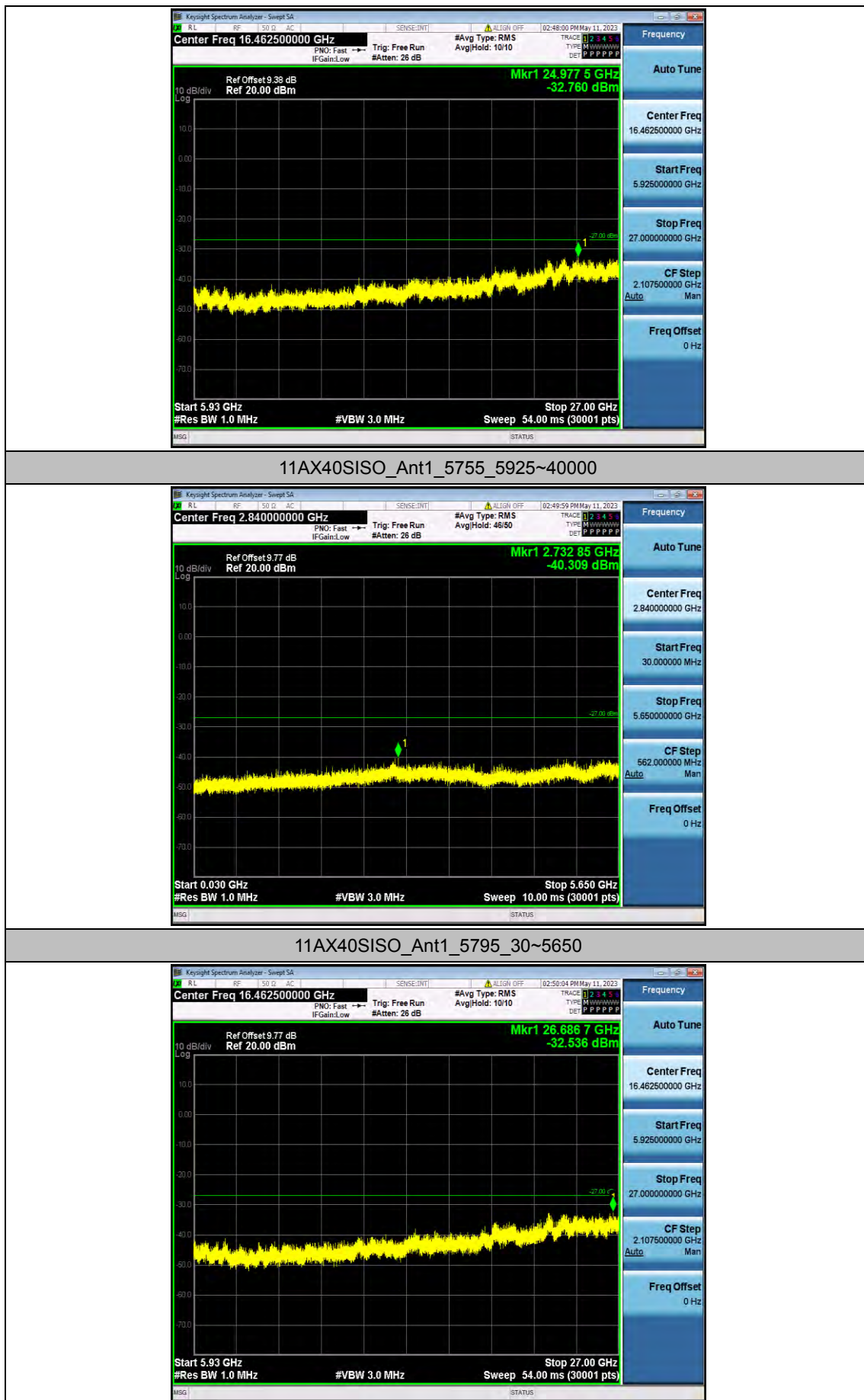
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000



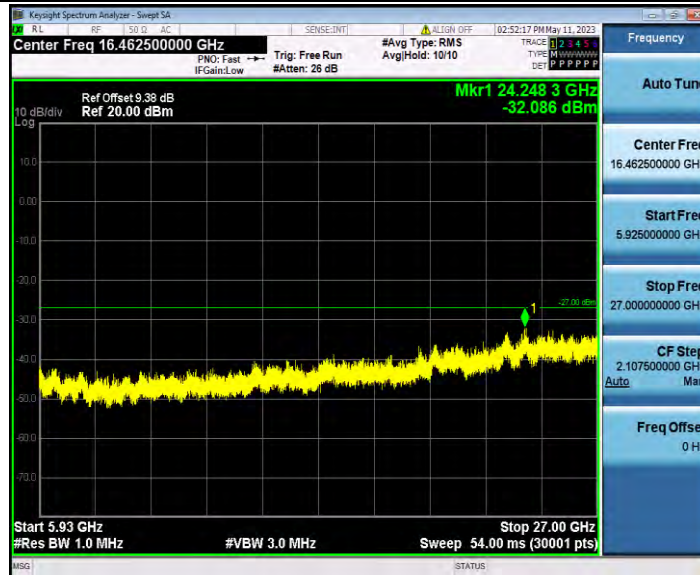
11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000