

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	14.06	97.66	0.10	14.16	≤30.00	PASS
		5785	14.56	98.12	0.08	14.64	≤30.00	PASS
		5825	14.87	97.66	0.10	14.97	≤30.00	PASS
11N20SISO	Ant1	5745	14.16	98.77	0.05	14.21	≤30.00	PASS
		5785	14.80	98.77	0.05	14.85	≤30.00	PASS
		5825	14.76	99.01	0.04	14.80	≤30.00	PASS
11N40SISO	Ant1	5755	14.68	98.76	0.05	14.73	≤30.00	PASS
		5795	15.27	99.01	0.04	15.31	≤30.00	PASS
11AC20SISO	Ant1	5745	14.24	99.01	0.04	14.28	≤30.00	PASS
		5785	14.81	99.01	0.04	14.85	≤30.00	PASS
		5825	14.83	98.77	0.05	14.88	≤30.00	PASS
11AC40SISO	Ant1	5755	14.71	99.00	0.04	14.75	≤30.00	PASS
		5795	15.17	98.76	0.05	15.22	≤30.00	PASS
11AC80SISO	Ant1	5775	15.02	98.76	0.05	15.07	≤30.00	PASS
11AX20SISO	Ant1	5745	14.29	98.77	0.05	14.34	≤30.00	PASS
		5785	14.44	98.77	0.05	14.49	≤30.00	PASS
		5825	14.25	98.77	0.05	14.30	≤30.00	PASS
11AX40SISO	Ant1	5755	14.54	99.01	0.04	14.58	≤30.00	PASS
		5795	14.94	98.76	0.05	14.99	≤30.00	PASS
11AX80SISO	Ant1	5775	14.47	98.76	0.05	14.52	≤30.00	PASS

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

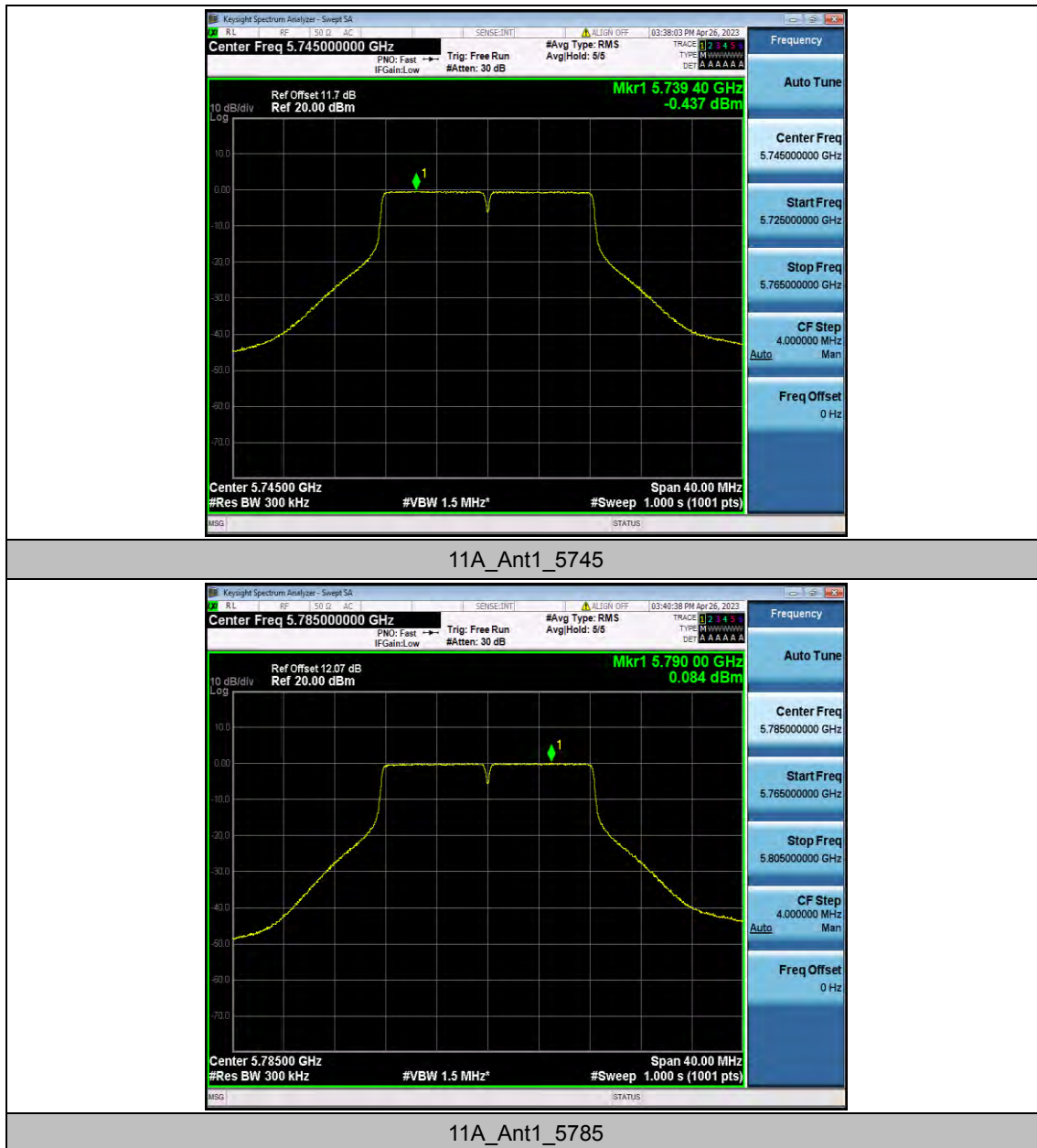
Appendix E.5: Maximum power spectral density

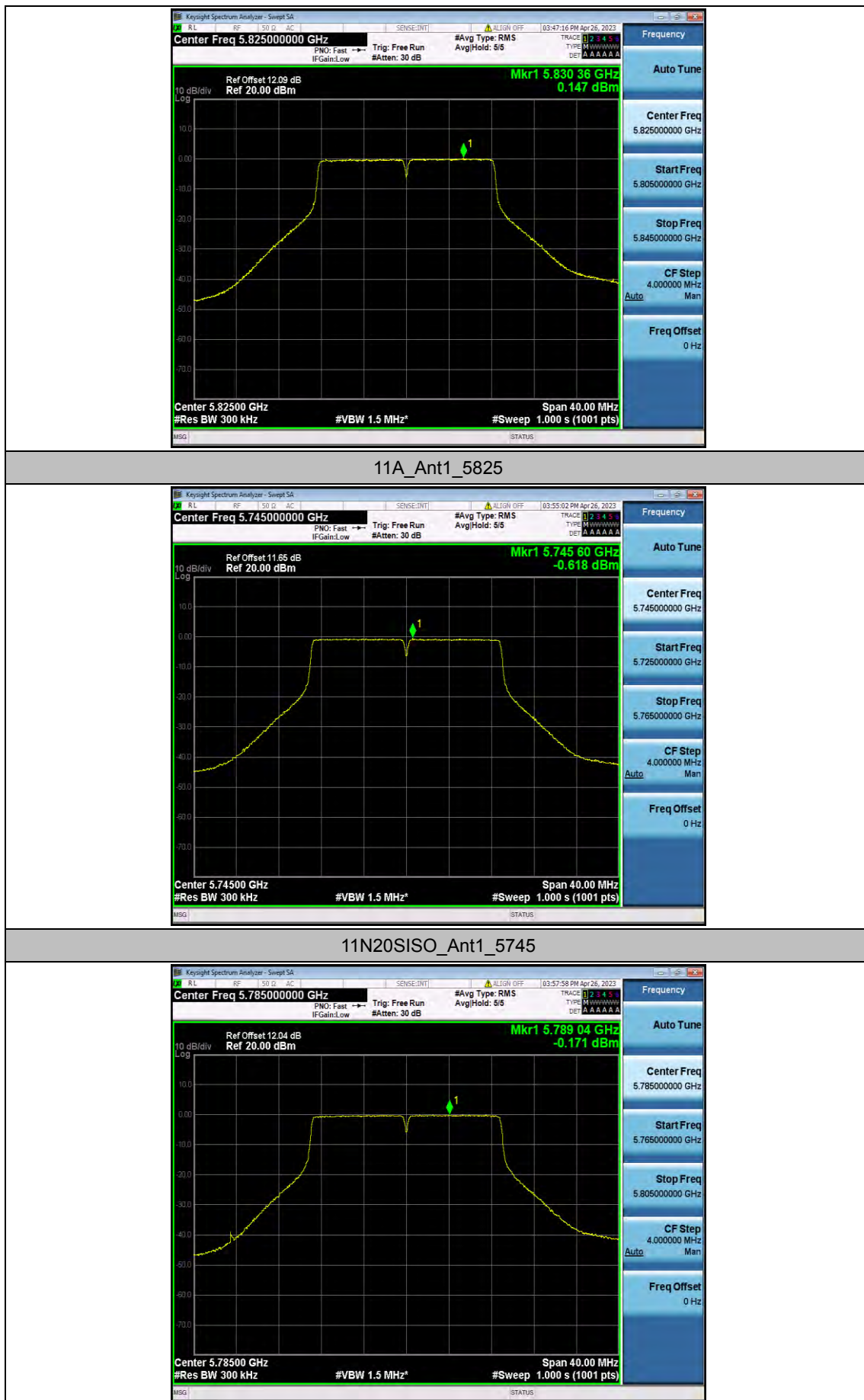
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-0.44	≤30.00	PASS
		5785	0.08	≤30.00	PASS
		5825	0.15	≤30.00	PASS
11N20SISO	Ant1	5745	-0.62	≤30.00	PASS
		5785	-0.17	≤30.00	PASS
		5825	-0.22	≤30.00	PASS
11N40SISO	Ant1	5755	-2.94	≤30.00	PASS
		5795	-2.41	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.54	≤30.00	PASS
		5785	0.01	≤30.00	PASS
		5825	-0.05	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.03	≤30.00	PASS
		5795	-2.59	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.09	≤30.00	PASS
11AX20SISO	Ant1	5745	-0.99	≤30.00	PASS
		5785	-0.79	≤30.00	PASS
		5825	-0.83	≤30.00	PASS
11AX40SISO	Ant1	5755	-3.09	≤30.00	PASS
		5795	-2.76	≤30.00	PASS
11AX80SISO	Ant1	5775	-5.34	≤30.00	PASS

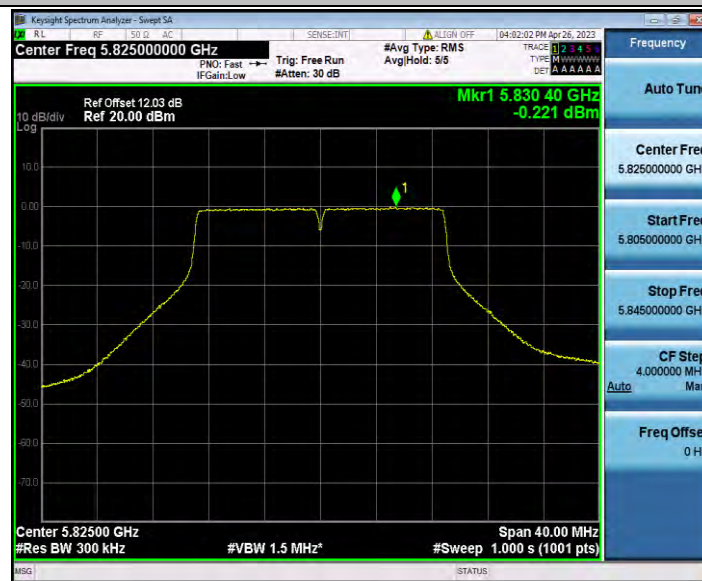
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





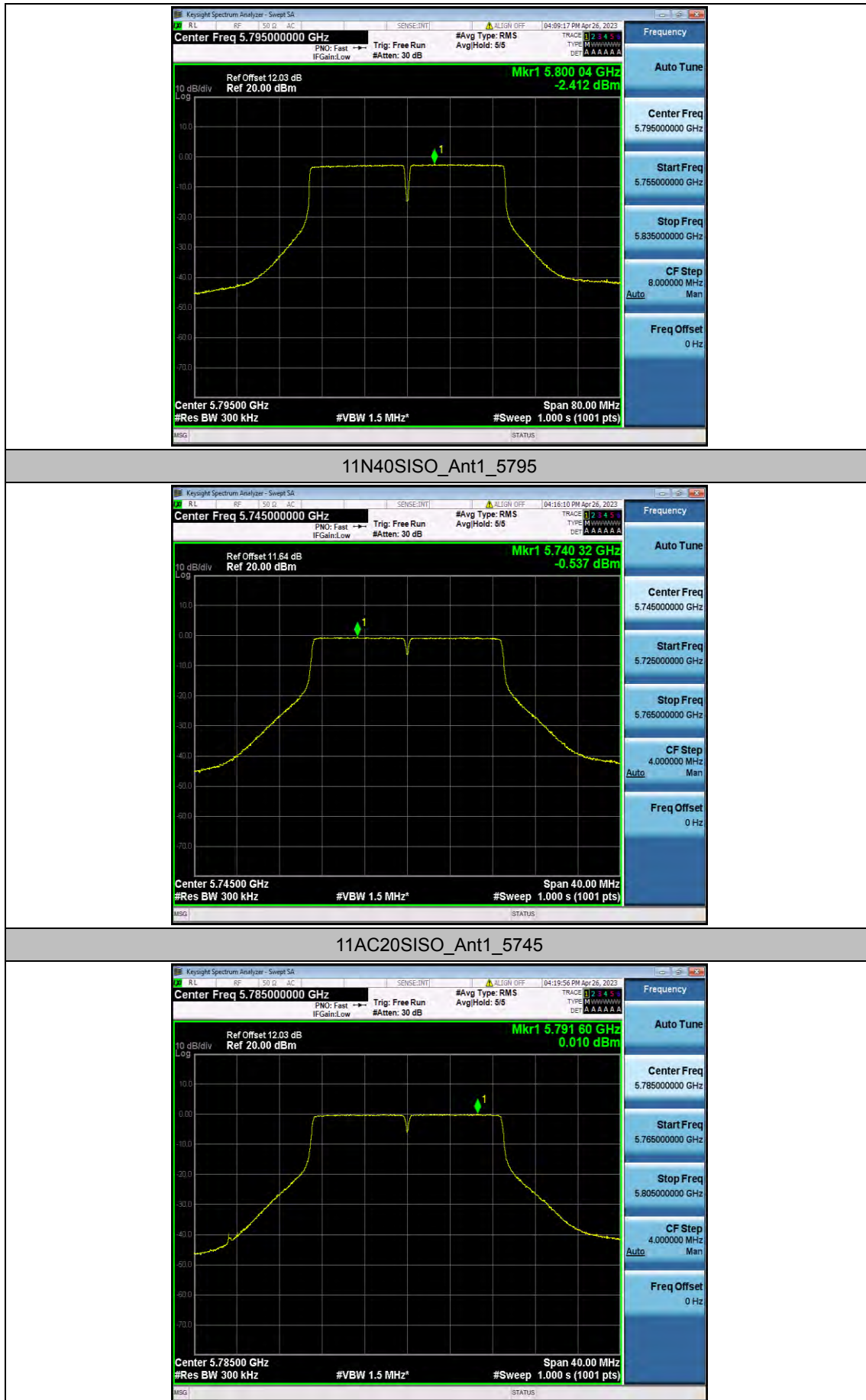
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



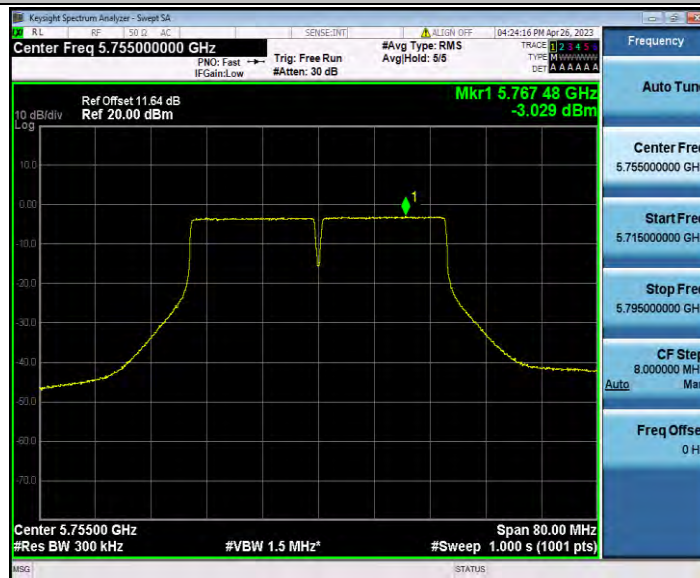
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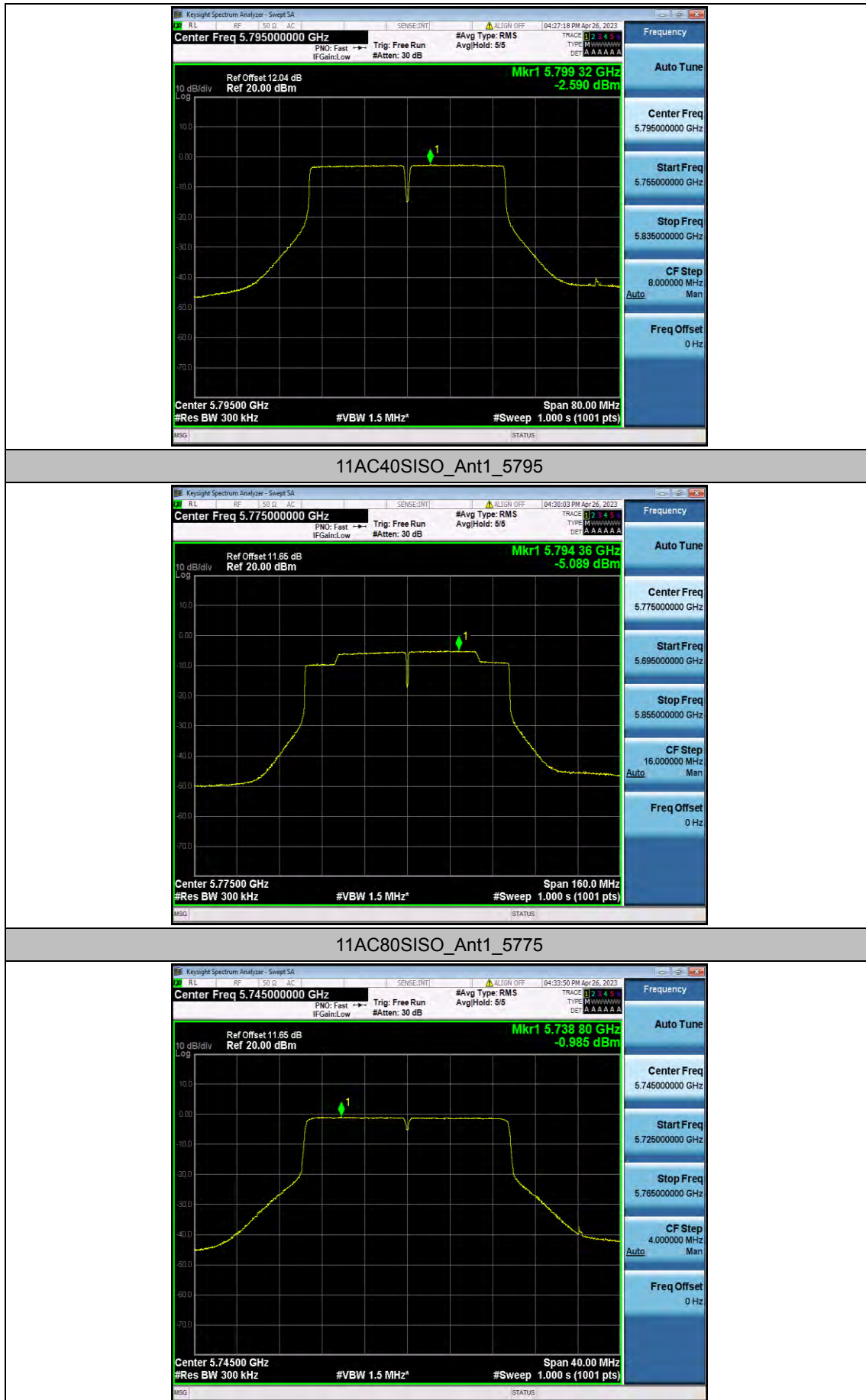
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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

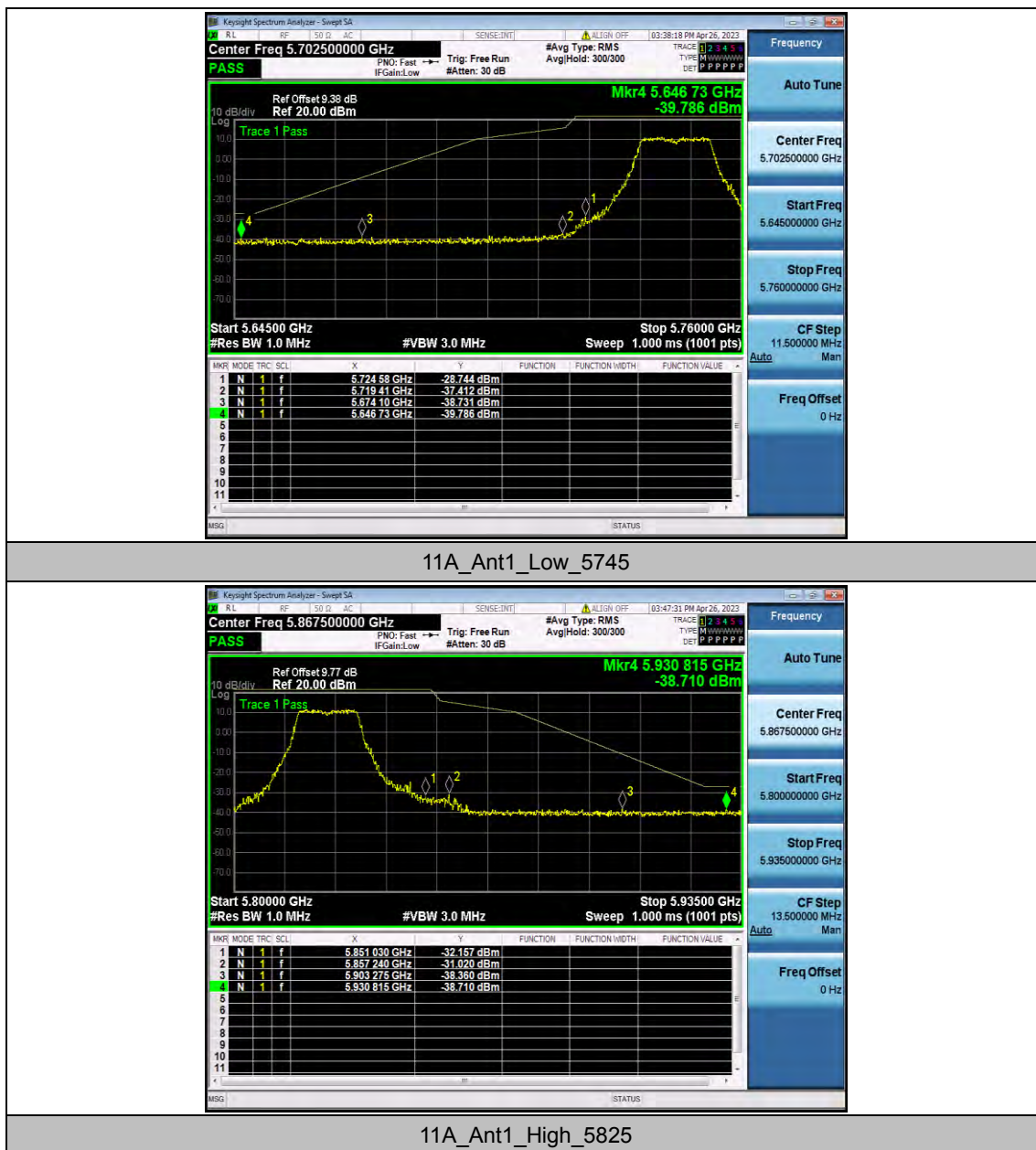
Appendix E.6: Band edge measurements

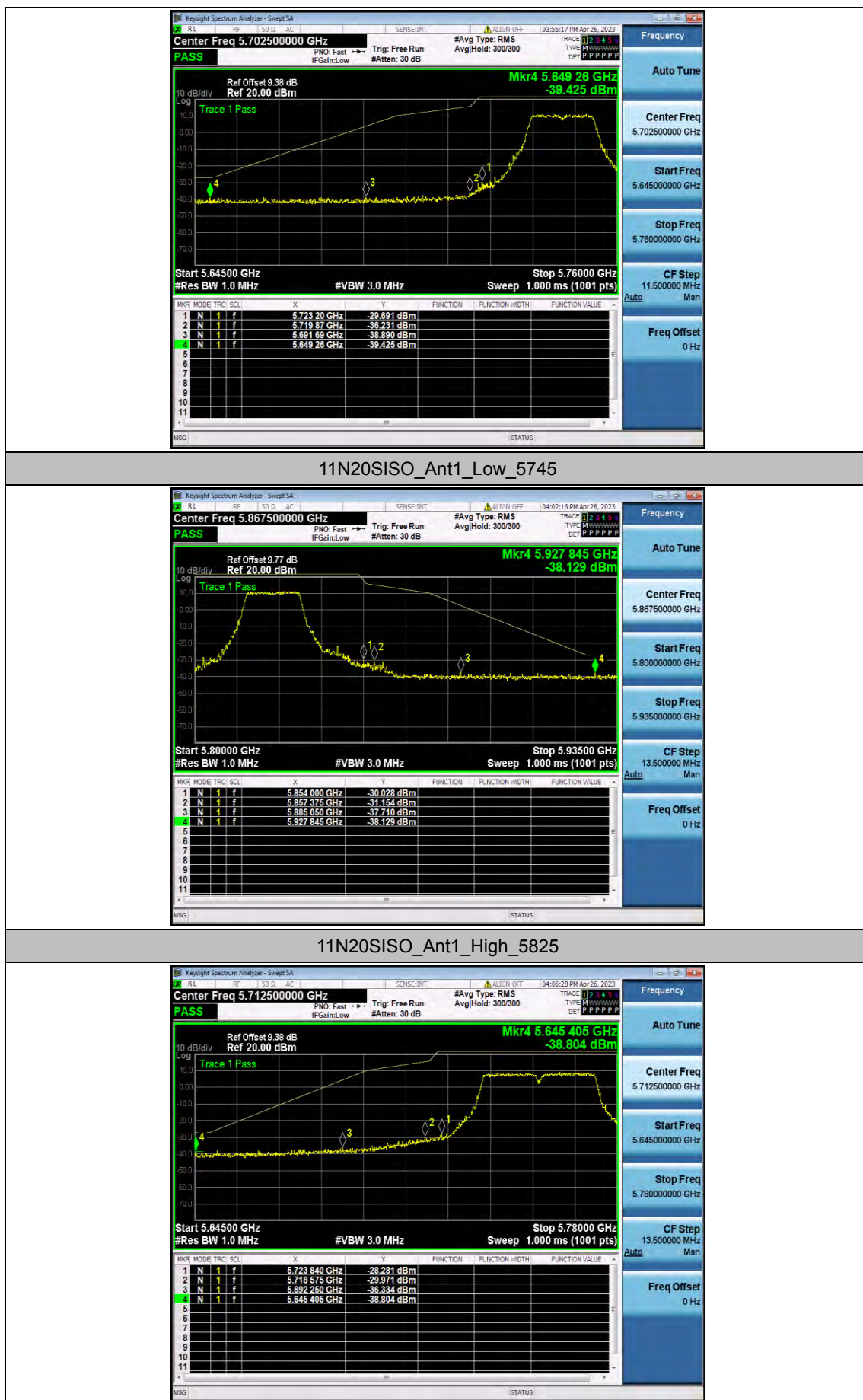
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.73	≤ -9.17	PASS
				5700~5720	-37.41	≤ 15.43	PASS
				5720~5725	-28.74	≤ 26.04	PASS
				5760~5650	-39.79	≤ -27	PASS
		High	5825	5850~5855	-32.16	≤ 17.95	PASS
				5855~5875	-31.02	≤ 10.63	PASS
				5875~5925	-38.36	≤ -6.08	PASS
				5925~5935	-38.71	≤ -27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.89	≤ 3.85	PASS
				5700~5720	-36.23	≤ 15.56	PASS
				5720~5725	-29.69	≤ 22.90	PASS
				5760~5650	-39.43	≤ -27	PASS
		High	5825	5850~5855	-30.03	≤ 24.72	PASS
				5855~5875	-31.15	≤ 10.66	PASS
				5875~5925	-37.71	≤ -19.56	PASS
				5925~5935	-38.13	≤ -27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-36.33	≤ 4.27	PASS
				5700~5720	-29.97	≤ 15.20	PASS
				5720~5725	-28.28	≤ 24.36	PASS
				5780~5650	-38.8	≤ -27	PASS
		High	5795	5850~5855	-33.96	≤ 19.42	PASS
				5855~5875	-32.82	≤ 10.92	PASS
				5875~5925	-38	≤ -25.21	PASS
				5925~5935	-37.72	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.66	≤ -3.47	PASS
				5700~5720	-36.8	≤ 15.59	PASS
				5720~5725	-31.25	≤ 26.30	PASS
				5760~5650	-40.26	≤ -27	PASS
		High	5825	5850~5855	-29.74	≤ 24.10	PASS
				5855~5875	-31.28	≤ 11.27	PASS
				5875~5925	-37.15	≤ 4.31	PASS
				5925~5935	-38.46	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-36.45	≤ 8.06	PASS
				5700~5720	-31.54	≤ 15.47	PASS
				5720~5725	-30.96	≤ 23.74	PASS
				5780~5650	-39.28	≤ -27	PASS

		High	5795	5850~5855	-33.46	≤ 26.19	PASS
				5855~5875	-35.13	≤ 10.87	PASS
				5875~5925	-37.66	≤ 5.68	PASS
				5925~5935	-38.48	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-33.37	≤ 2.33	PASS
				5700~5720	-32.29	≤ 12.83	PASS
				5720~5725	-28.1	≤ 25.89	PASS
				5800~5650	-37.85	≤ -27	PASS
		High	5775	5850~5855	-32.87	≤ 24.23	PASS
				5855~5875	-33.3	≤ 10.54	PASS
				5875~5925	-34.66	≤ -4.37	PASS
				5925~5935	-38.39	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.58	≤ -5.17	PASS
				5700~5720	-33.9	≤ 15.43	PASS
				5720~5725	-29.44	≤ 23.94	PASS
				5760~5650	-39.51	≤ -27	PASS
		High	5825	5850~5855	-29.66	≤ 17.95	PASS
				5855~5875	-32.89	≤ 10.29	PASS
				5875~5925	-38.13	≤ 4.41	PASS
				5925~5935	-38.66	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-35.55	≤ 8.06	PASS
				5700~5720	-30.47	≤ 15.20	PASS
				5720~5725	-28.95	≤ 25.59	PASS
				5780~5650	-39.89	≤ -27	PASS
		High	5795	5850~5855	-32.9	≤ 17.16	PASS
				5855~5875	-33.97	≤ 10.82	PASS
				5875~5925	-38.08	≤ -25.46	PASS
				5925~5935	-39.08	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-36.02	≤ -13.84	PASS
				5700~5720	-35.51	≤ 15.52	PASS
				5720~5725	-30.12	≤ 26.95	PASS
				5800~5650	-38.22	≤ -27	PASS
		High	5775	5850~5855	-33.63	≤ 17.48	PASS
				5855~5875	-33.3	≤ 12.09	PASS
				5875~5925	-36.59	≤ -26.27	PASS
				5925~5935	-38.45	≤ -27	PASS

Test Graphs B4

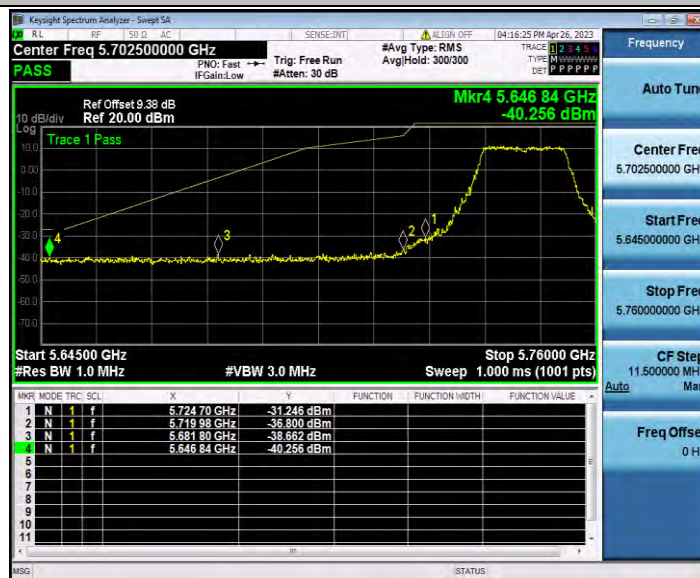




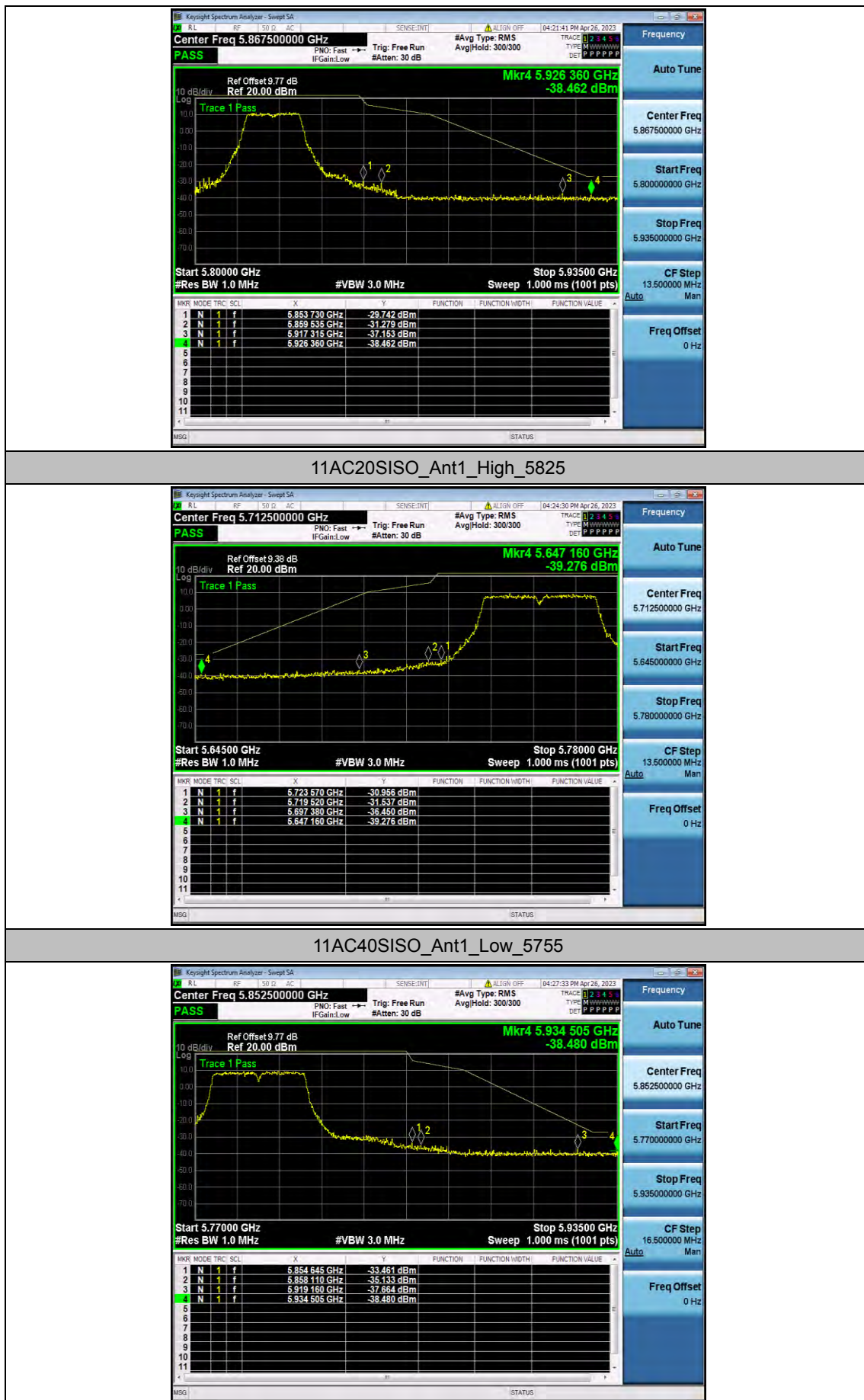
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11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



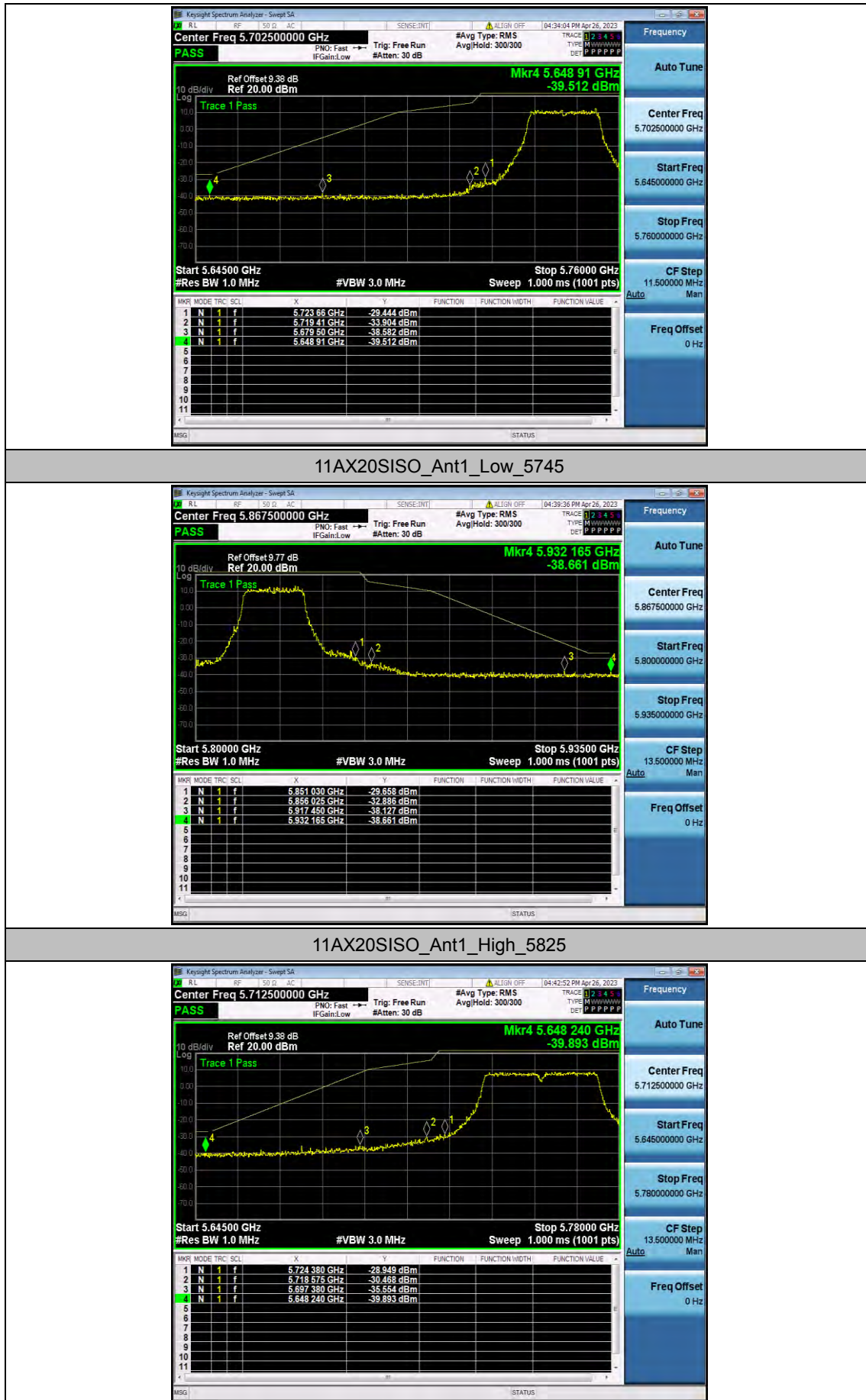
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11AC80SISO_Ant1_Low_5775



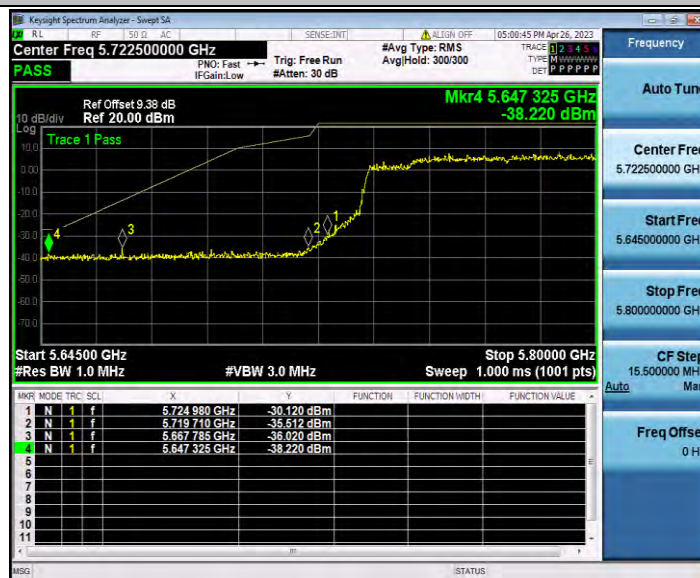
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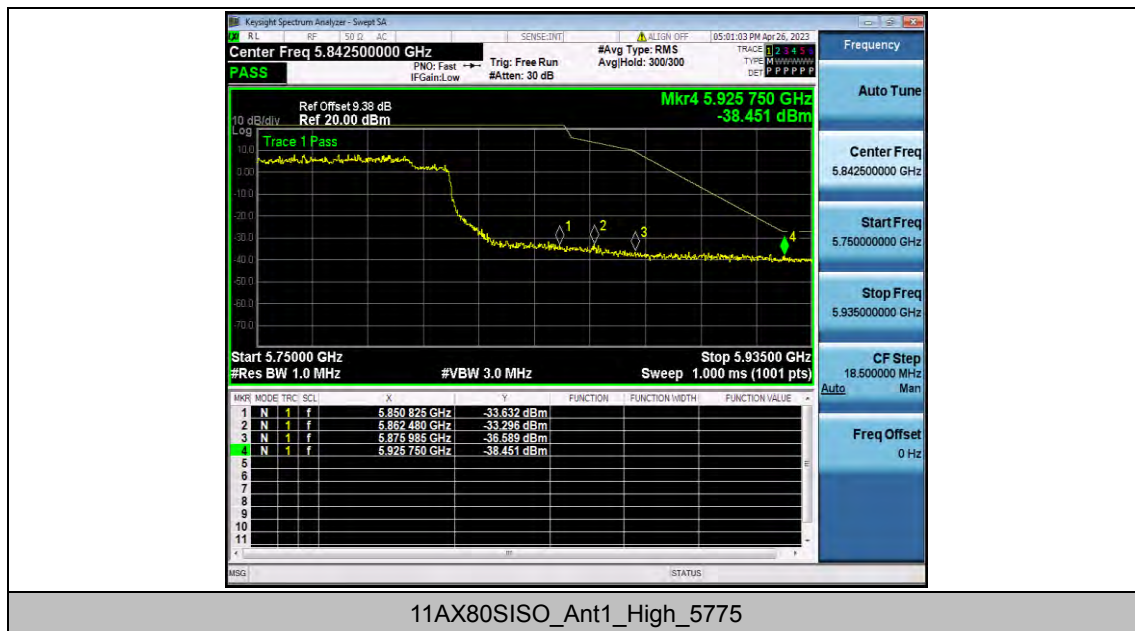
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11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



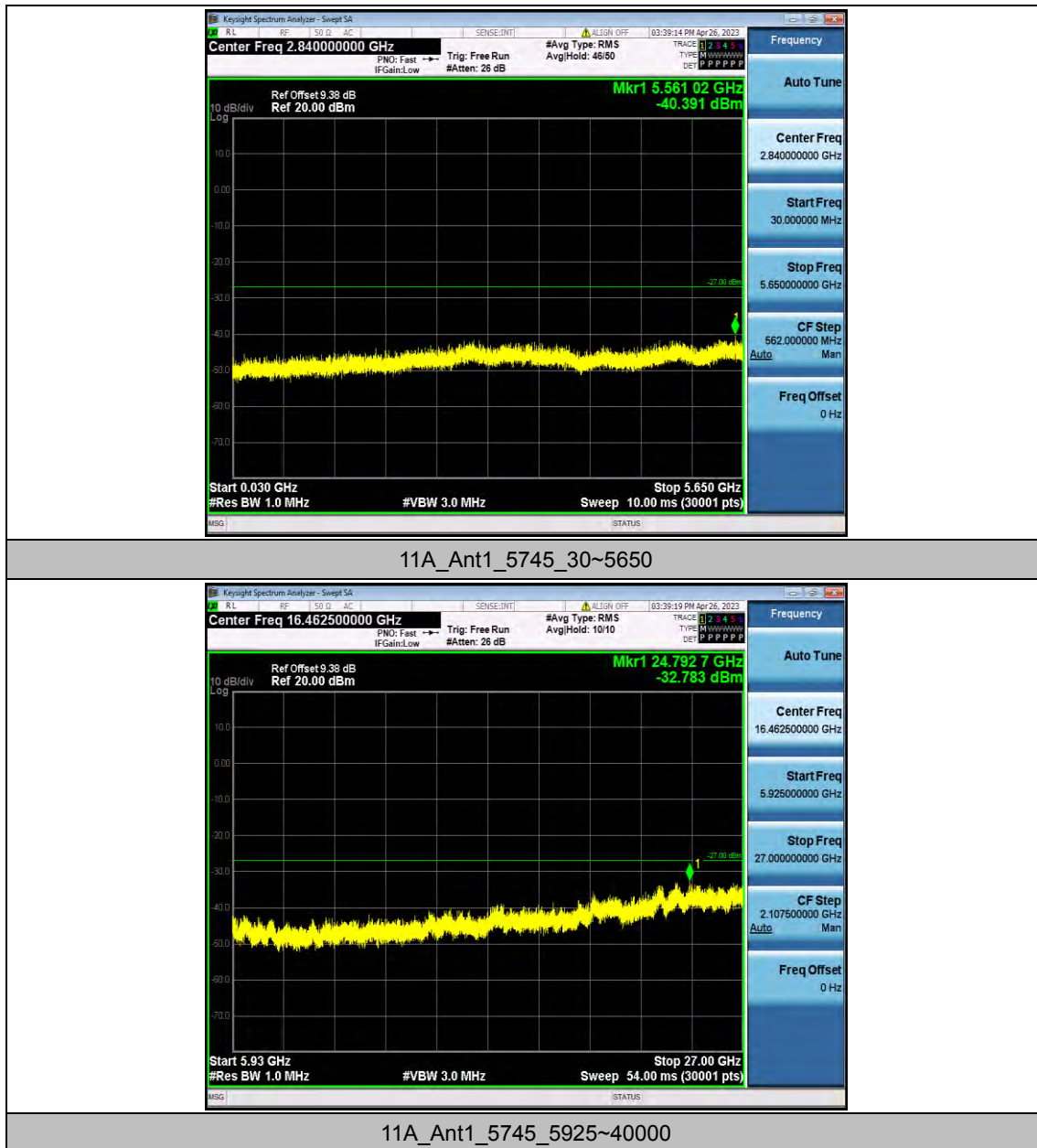
Appendix E.7: Conducted Spurious Emission

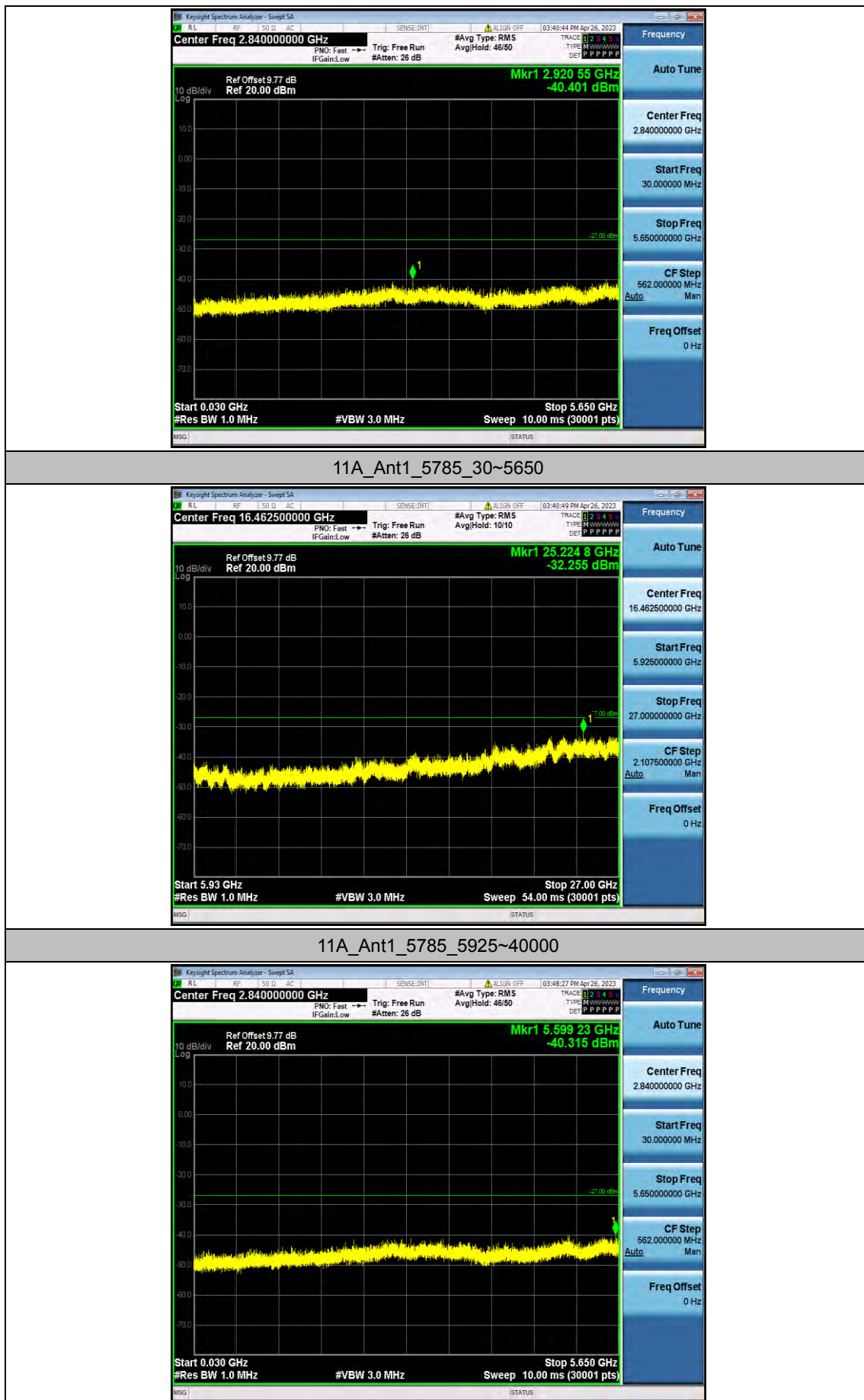
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5561.02	-40.39	≤-27	PASS
			5925~40000	24792.75	-32.78	≤-27	PASS
		5785	30~5650	2920.55	-40.4	≤-27	PASS
			5925~40000	25224.78	-32.26	≤-27	PASS
		5825	30~5650	5599.23	-40.32	≤-27	PASS
			5925~40000	24250.42	-31.08	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5510.44	-40.44	≤-27	PASS
			5925~40000	23571.8	-32.72	≤-27	PASS
		5785	30~5650	5574.88	-40.45	≤-27	PASS
			5925~40000	26550.4	-31.4	≤-27	PASS
		5825	30~5650	5428.57	-40.41	≤-27	PASS
			5925~40000	26486.47	-31.71	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5467.54	-40.57	≤-27	PASS
			5925~40000	24292.57	-32.67	≤-27	PASS
		5795	30~5650	4990.21	-40.76	≤-27	PASS
			5925~40000	25550.74	-32.42	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5454.99	-40.65	≤-27	PASS
			5925~40000	24263.06	-32.98	≤-27	PASS
		5785	30~5650	5559.89	-40.5	≤-27	PASS
			5925~40000	24291.16	-31.69	≤-27	PASS
		5825	30~5650	2663.16	-39.98	≤-27	PASS
			5925~40000	25696.86	-32.23	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4872.57	-40.17	≤-27	PASS
			5925~40000	23561.97	-31.95	≤-27	PASS
		5795	30~5650	5486.83	-40.91	≤-27	PASS
			5925~40000	23554.94	-31.76	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5639.32	-39.42	≤-27	PASS
			5925~40000	24310.13	-32.84	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	3295.22	-41.24	≤-27	PASS
			5925~40000	24858.08	-32.7	≤-27	PASS
		5785	30~5650	5479.9	-40.51	≤-27	PASS
			5925~40000	24214.59	-32.08	≤-27	PASS
		5825	30~5650	5449.93	-39.92	≤-27	PASS
			5925~40000	25570.41	-32.2	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5469.6	-41.02	≤-27	PASS
			5925~40000	23523.33	-32.34	≤-27	PASS

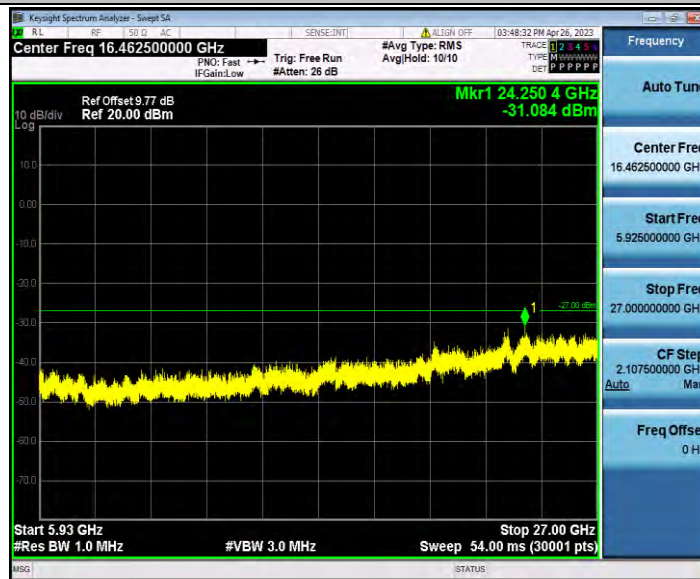
		5795	30~5650	2651.92	-40.58	≤-27	PASS
			5925~40000	26027.04	-32.08	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5592.68	-39.99	≤-27	PASS
			5925~40000	24243.39	-31.99	≤-27	PASS

Test Graphs





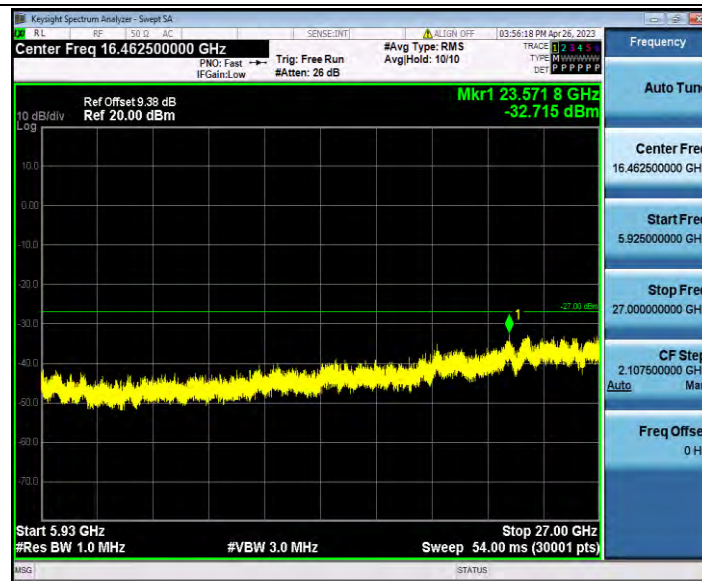
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



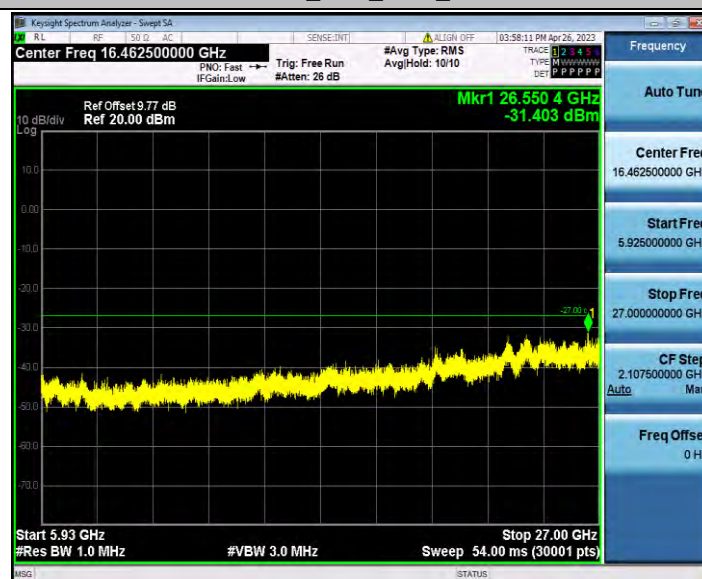
11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~40000



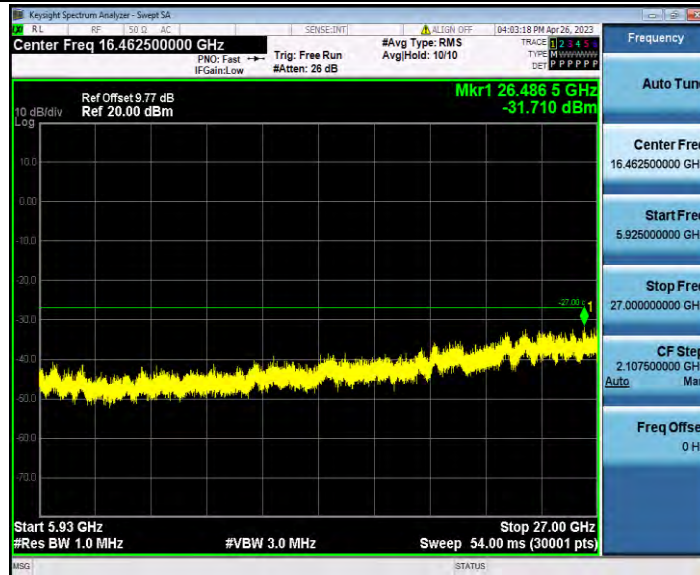
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11N20SISO_Ant1_5785_5925~40000



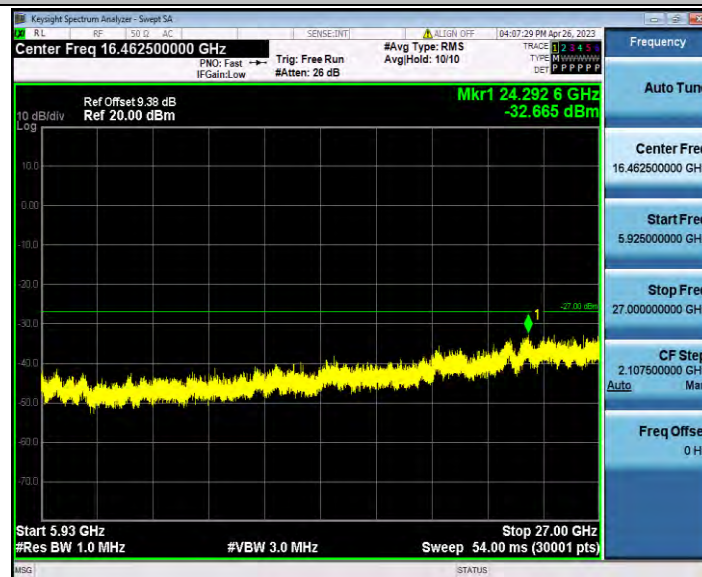
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11N20SISO_Ant1_5825_5925~40000



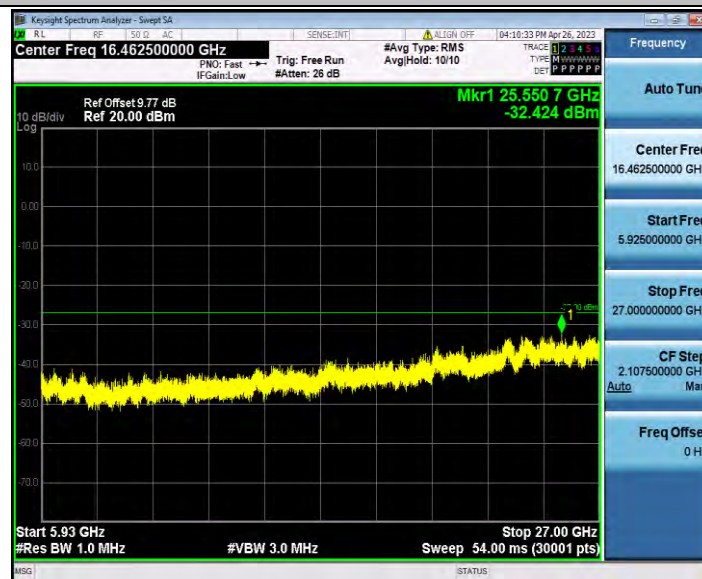
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



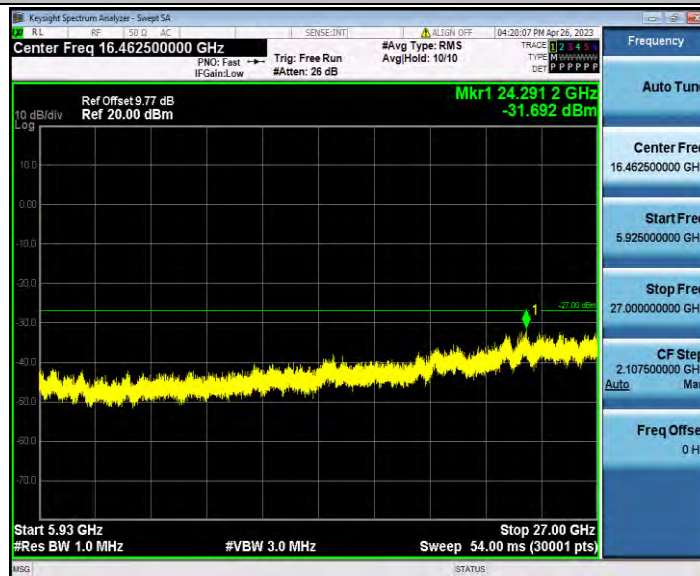
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11AC20SISO_Ant1_5745_5925~40000



11AC20SISO_Ant1_5785_30~5650



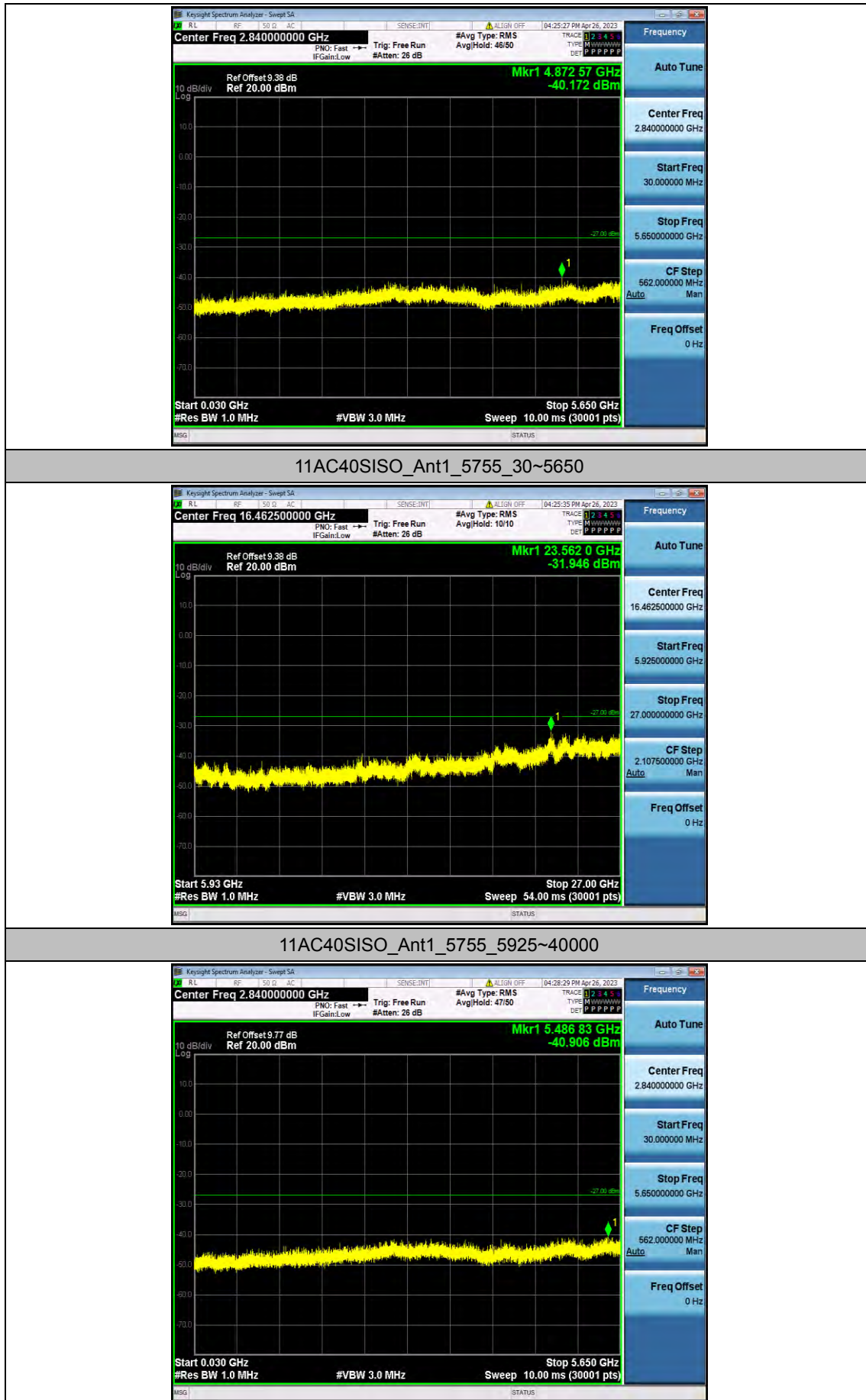
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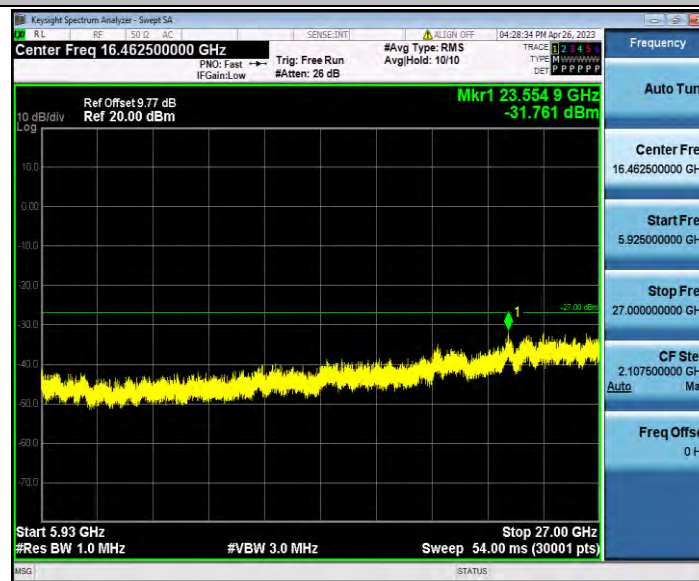
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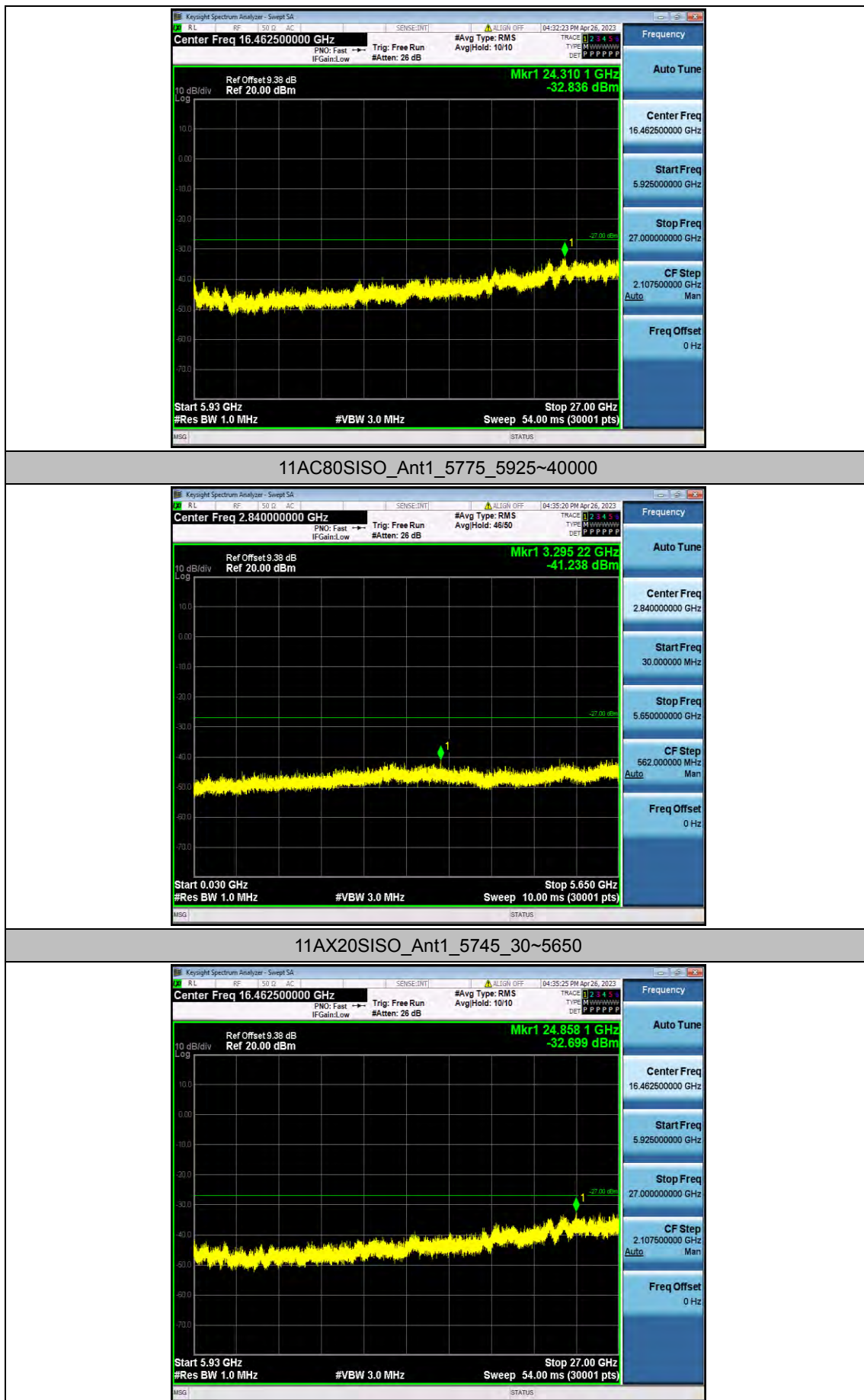
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



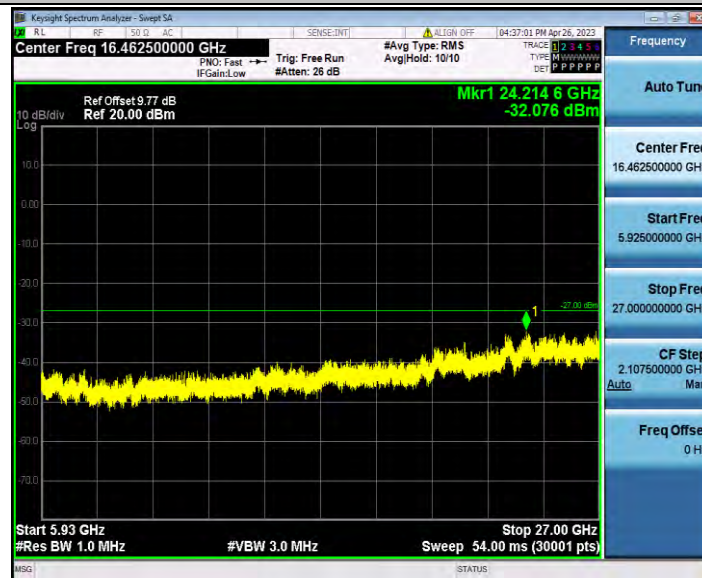
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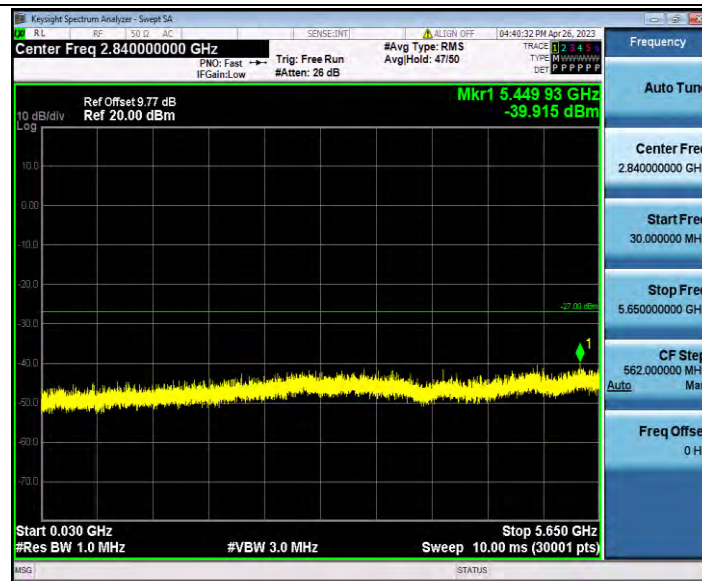
11AX20SISO_Ant1_5745_5925~40000



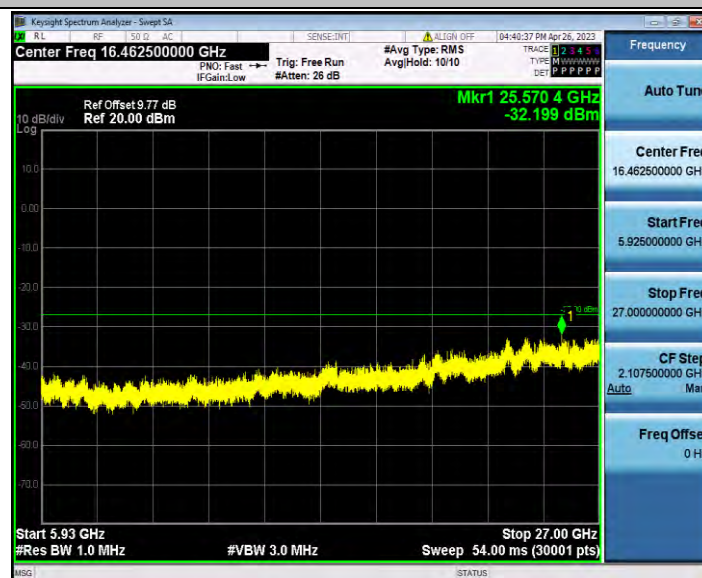
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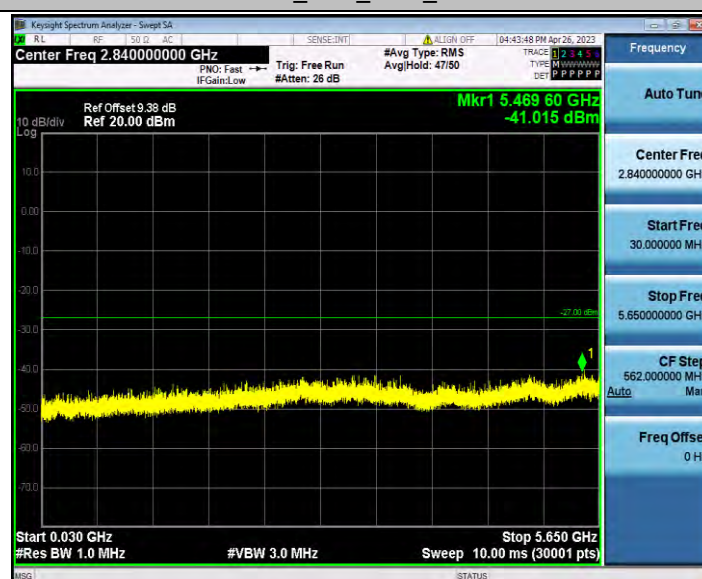
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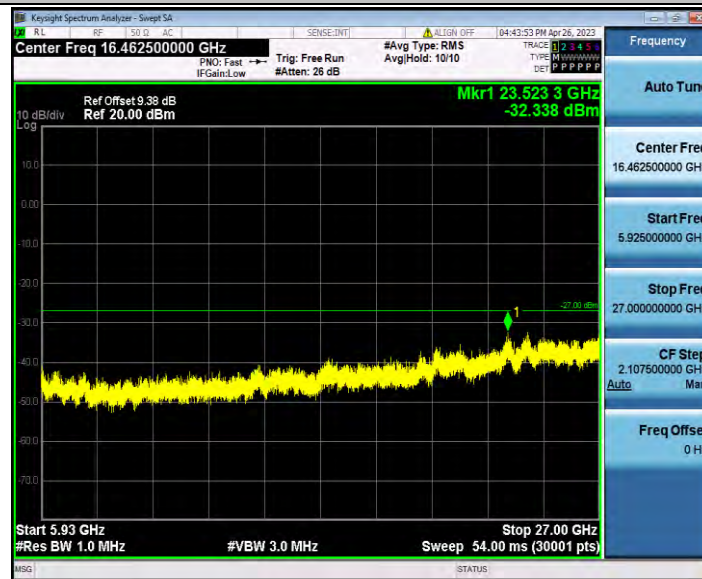
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11AX20SISO_Ant1_5825_5925~40000



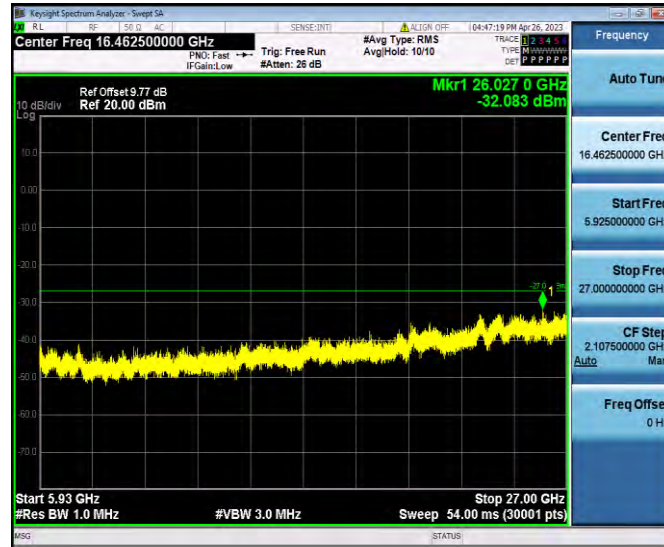
11AX40SISO_Ant1_5755_30~5650



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