

Appendix E.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	Ant2	5745	9.91	95.87	0.18	10.09	≤30.00	PASS
		5785	11.20	95.87	0.18	11.38	≤30.00	PASS
		5825	11.42	95.85	0.18	11.60	≤30.00	PASS
11N20SISO	Ant2	5745	9.88	98.88	0.05	9.93	≤30.00	PASS
		5785	13.57	98.88	0.05	13.62	≤30.00	PASS
		5825	13.78	98.88	0.05	13.83	≤30.00	PASS
11N40SISO	Ant2	5755	12.51	98.88	0.05	12.56	≤30.00	PASS
		5795	13.87	98.88	0.05	13.92	≤30.00	PASS
11AC20SISO	Ant2	5745	12.25	99.00	0.04	12.29	≤30.00	PASS
		5785	13.81	98.88	0.05	13.86	≤30.00	PASS
		5825	14.49	98.88	0.05	14.54	≤30.00	PASS
11AC40SISO	Ant2	5755	12.75	98.88	0.05	12.80	≤30.00	PASS
		5795	13.93	98.88	0.05	13.98	≤30.00	PASS
11AC80SISO	Ant2	5775	13.39	99.00	0.04	13.43	≤30.00	PASS
11AX20SISO	Ant2	5745	12.19	99.00	0.04	12.23	≤30.00	PASS
		5785	13.87	99.00	0.04	13.91	≤30.00	PASS
		5825	13.93	98.88	0.05	13.98	≤30.00	PASS
11AX40SISO	Ant2	5755	12.20	99.00	0.04	12.24	≤30.00	PASS
		5795	13.61	98.88	0.05	13.66	≤30.00	PASS
11AX80SISO	Ant2	5775	13.09	98.88	0.05	13.14	≤30.00	PASS

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

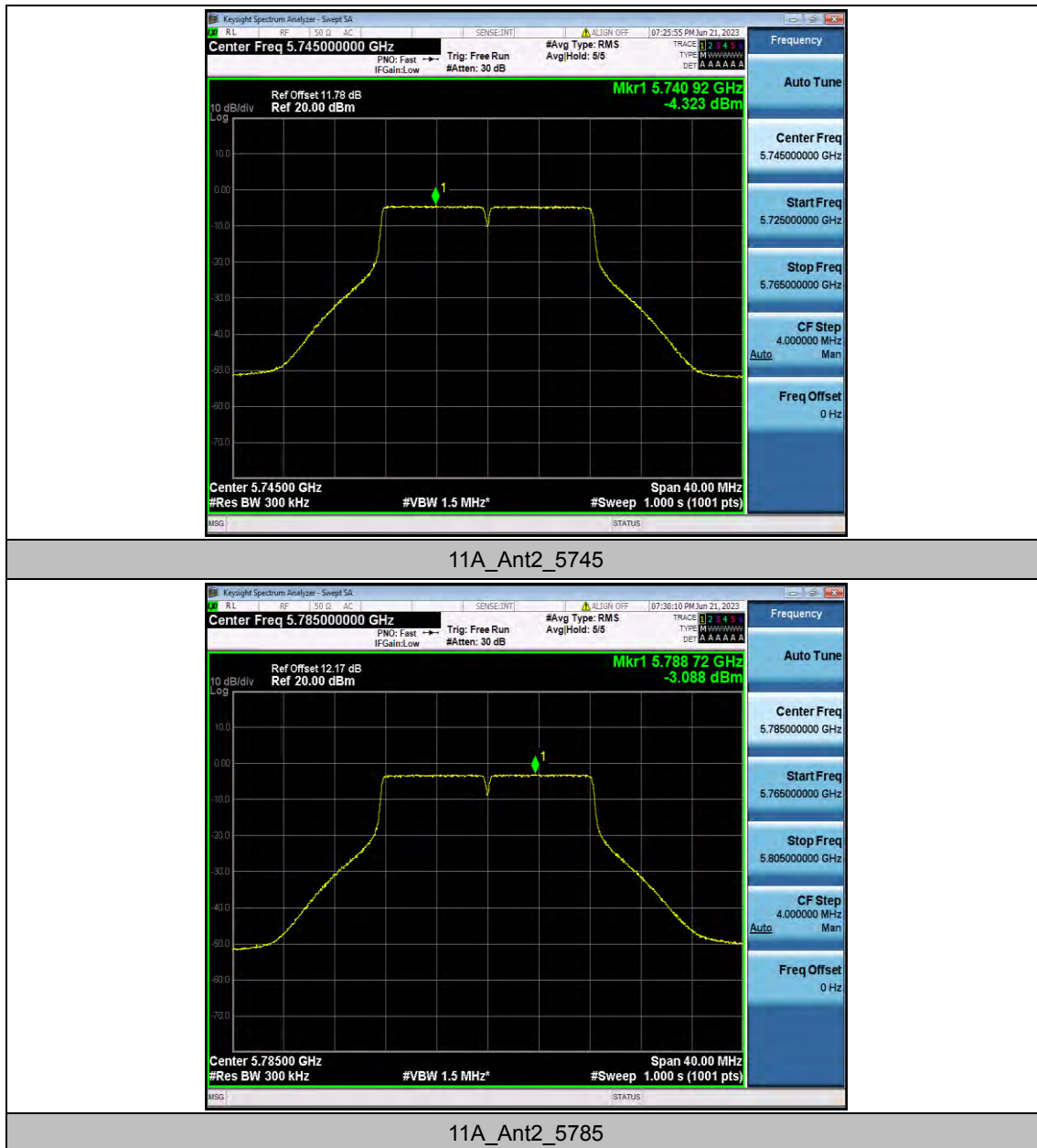
Appendix E.5: Maximum power spectral density

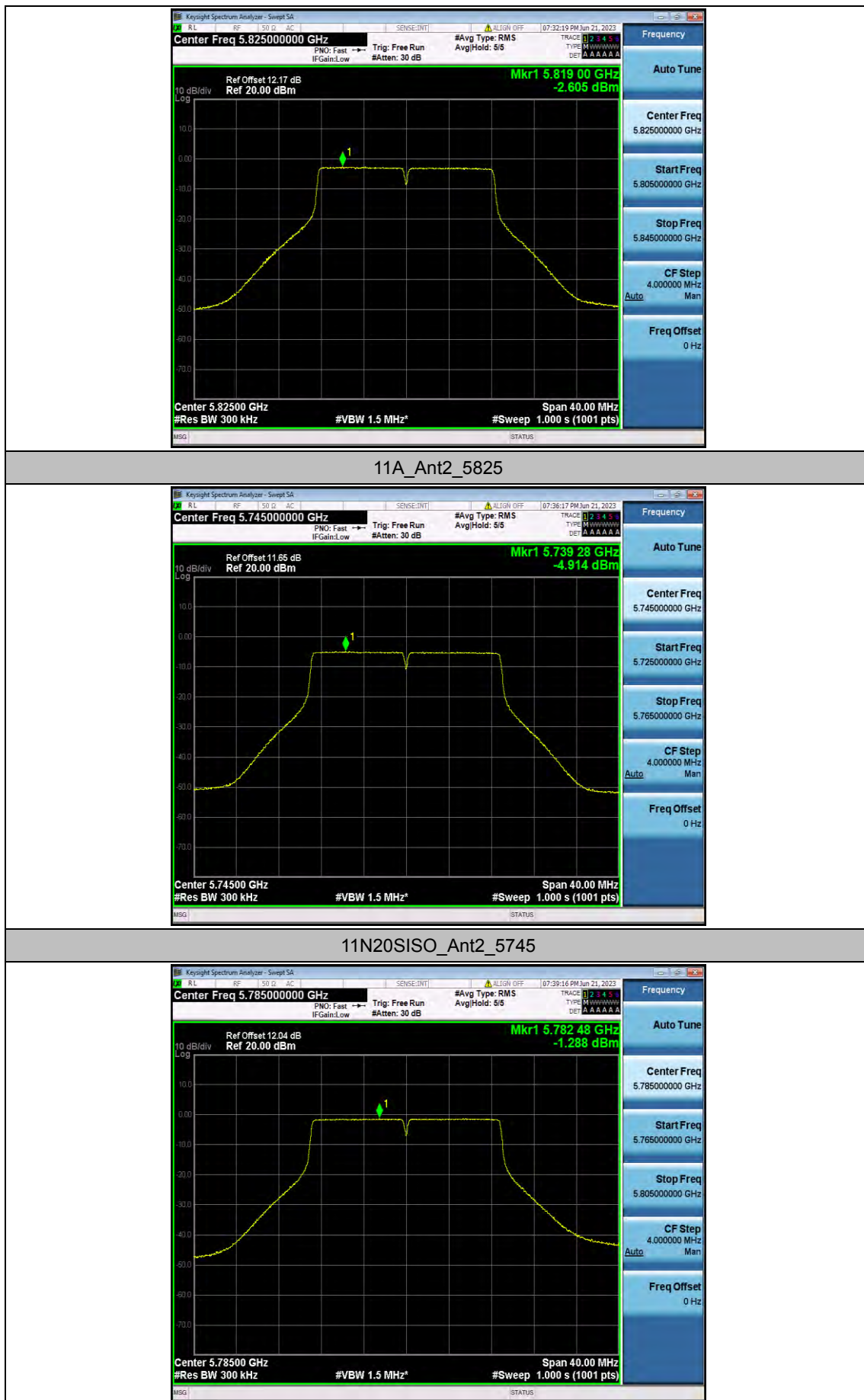
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-4.32	≤30.00	PASS
		5785	-3.09	≤30.00	PASS
		5825	-2.61	≤30.00	PASS
11N20SISO	Ant2	5745	-4.91	≤30.00	PASS
		5785	-1.29	≤30.00	PASS
		5825	-0.84	≤30.00	PASS
11N40SISO	Ant2	5755	-5.01	≤30.00	PASS
		5795	-3.76	≤30.00	PASS
11AC20SISO	Ant2	5745	-2.63	≤30.00	PASS
		5785	-1.08	≤30.00	PASS
		5825	-0.59	≤30.00	PASS
11AC40SISO	Ant2	5755	-4.7	≤30.00	PASS
		5795	-3.76	≤30.00	PASS
11AC80SISO	Ant2	5775	-6.64	≤30.00	PASS
11AX20SISO	Ant2	5745	-3.02	≤30.00	PASS
		5785	-1.5	≤30.00	PASS
		5825	-1.35	≤30.00	PASS
11AX40SISO	Ant2	5755	-5.61	≤30.00	PASS
		5795	-4.44	≤30.00	PASS
11AX80SISO	Ant2	5775	-7.15	≤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_Ant2_5785



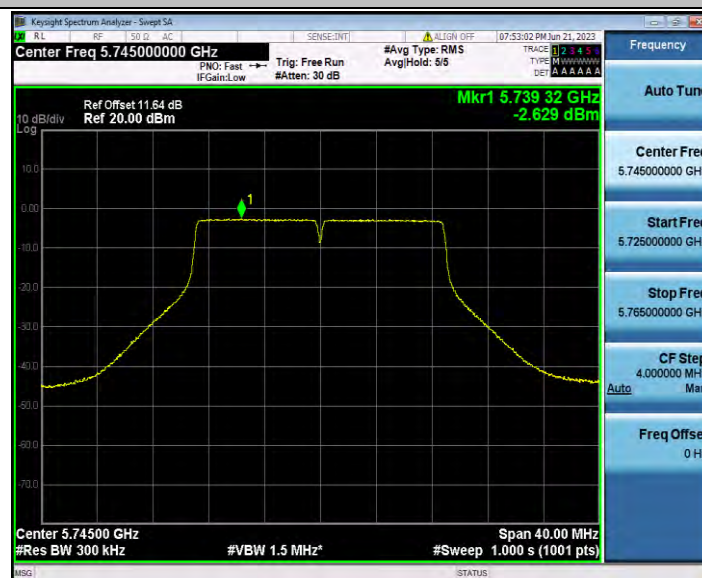
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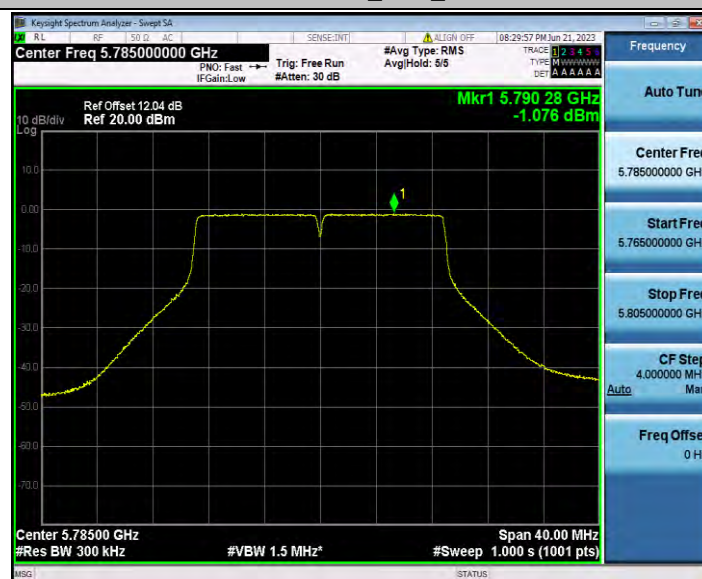
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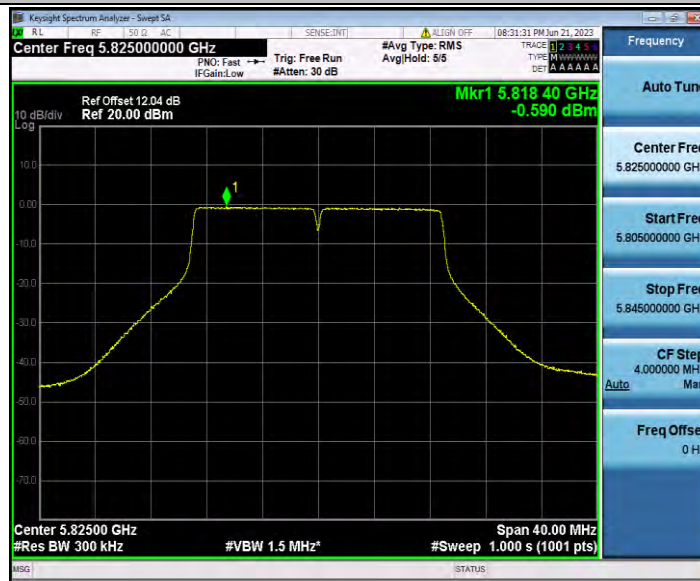
11N40SISO_Ant2_5795



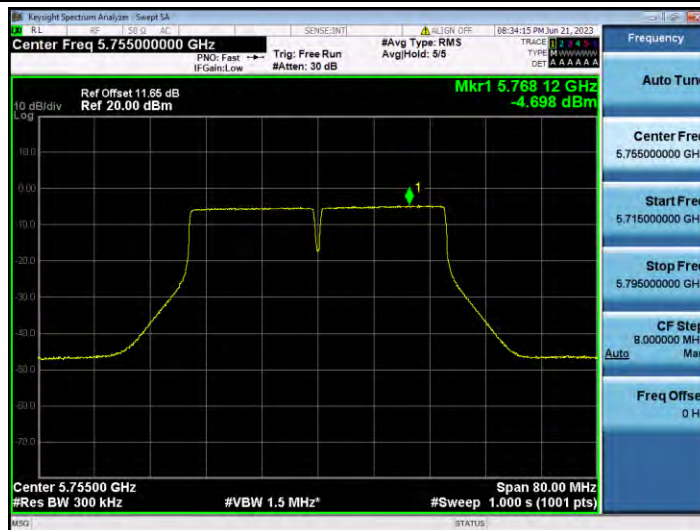
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11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



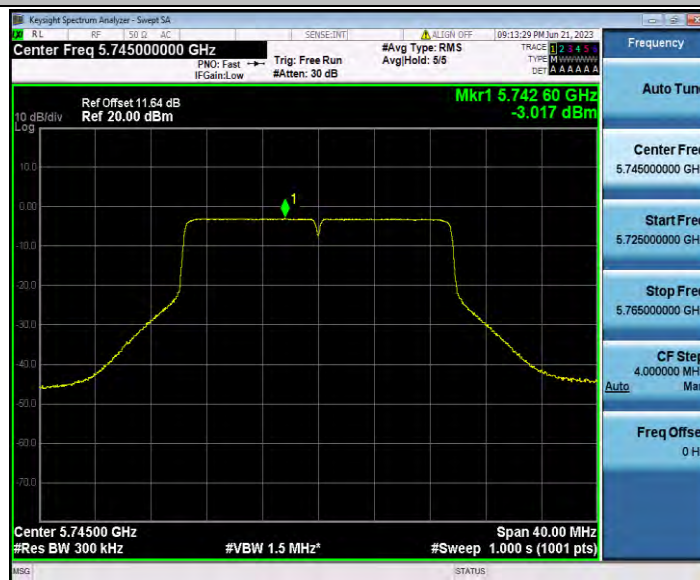
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11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



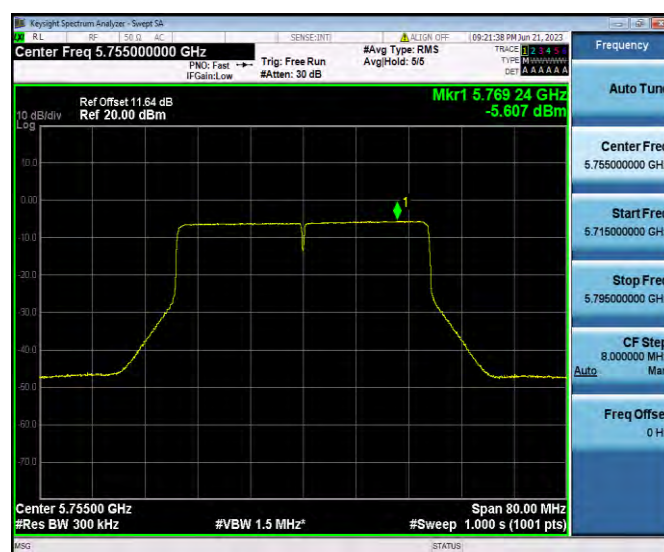
11AX20SISO_Ant2_5745



11AX20ISO_Ant2_5785



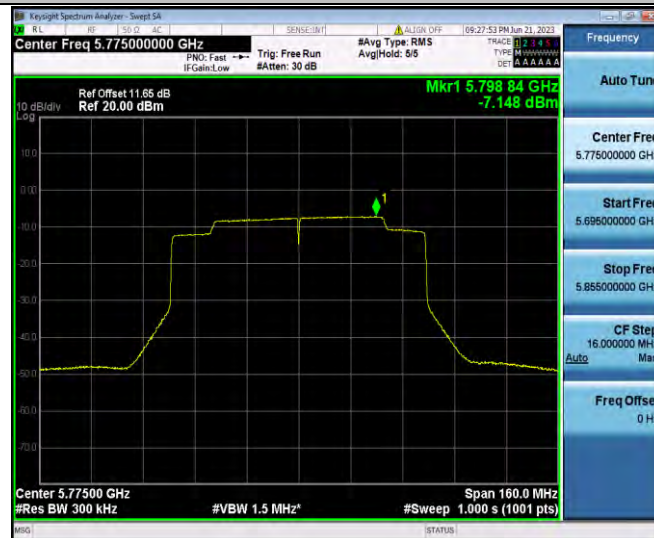
11AX20ISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80SISO_Ant2_5775

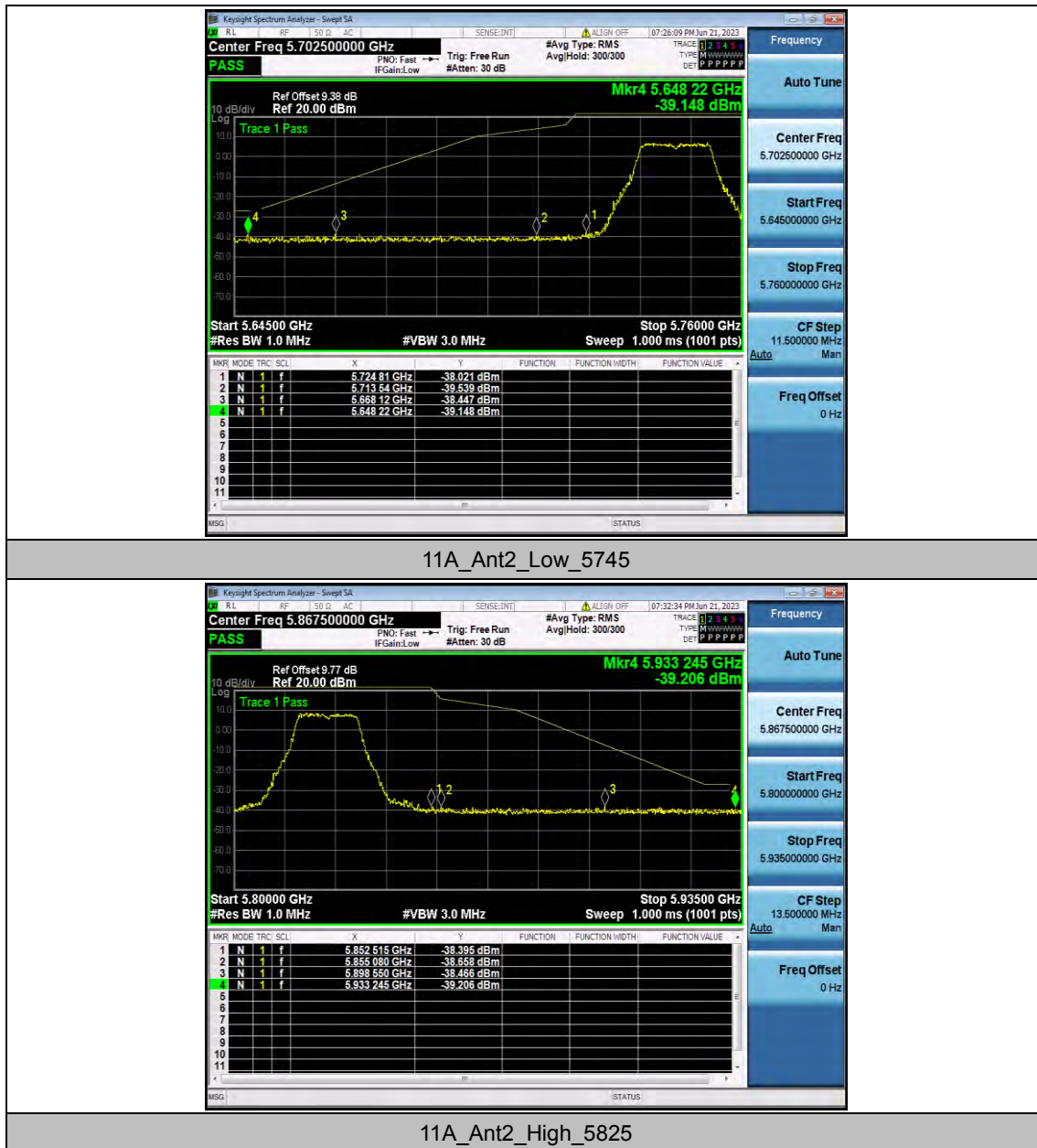
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-38.45	≤-13.59	PASS
				5700~5720	-39.54	≤13.79	PASS
				5720~5725	-38.02	≤26.57	PASS
				5760~5650	-39.15	≤-27	PASS
		High	5825	5850~5855	-38.4	≤21.33	PASS
				5855~5875	-38.66	≤10.02	PASS
				5875~5925	-38.47	≤-9.57	PASS
				5925~5935	-39.21	≤-27	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-34.74	≤9.55	PASS
				5700~5720	-30.73	≤15.14	PASS
				5720~5725	-26.24	≤24.21	PASS
				5760~5650	-39.64	≤-27	PASS
		High	5825	5850~5855	-34.37	≤24.10	PASS
				5855~5875	-34.94	≤10.85	PASS
				5875~5925	-38.25	≤-23.76	PASS
				5925~5935	-38.83	≤-27	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-33.48	≤2.97	PASS
				5700~5720	-30.61	≤14.56	PASS
				5720~5725	-32.03	≤20.35	PASS
				5780~5650	-36.89	≤-27	PASS
		High	5795	5850~5855	-36.41	≤16.79	PASS
				5855~5875	-37.54	≤15.21	PASS
				5875~5925	-38.11	≤-19.72	PASS
				5925~5935	-38.58	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5650~5700	-35.22	≤7.60	PASS
				5700~5720	-29.75	≤15.24	PASS
				5720~5725	-27.59	≤24.99	PASS
				5760~5650	-39.55	≤-27	PASS
		High	5825	5850~5855	-31.34	≤26.26	PASS
				5855~5875	-32.75	≤11.31	PASS
				5875~5925	-37.67	≤7.91	PASS
				5925~5935	-38.69	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-34.61	≤-0.33	PASS
				5700~5720	-32.57	≤14.79	PASS
				5720~5725	-32.89	≤16.97	PASS

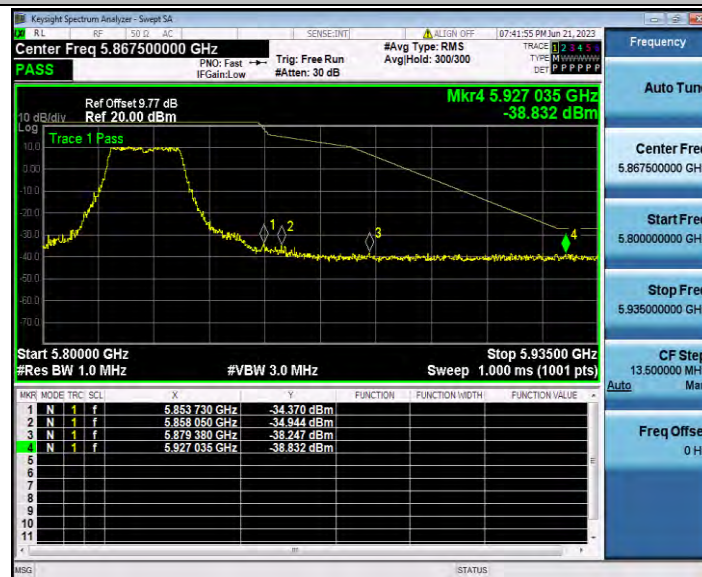
		High	5795	5780~5650	-37.99	≤ -27	PASS
				5850~5855	-36.67	≤ 19.42	PASS
				5855~5875	-37.17	≤ 10.59	PASS
				5875~5925	-37.68	≤ -11.66	PASS
				5925~5935	-39	≤ -27	PASS
11AC80SI SO	Ant2	Low	5775	5650~5700	-34.01	≤ 8.30	PASS
				5700~5720	-32.66	≤ 11.92	PASS
				5720~5725	-31.64	≤ 25.54	PASS
				5800~5650	-35.51	≤ -27	PASS
		High	5775	5850~5855	-33.43	≤ 20.43	PASS
				5855~5875	-34.74	≤ 10.38	PASS
				5875~5925	-35.73	≤ -20.25	PASS
				5925~5935	-38.22	≤ -27	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-35.31	≤ 9.64	PASS
				5700~5720	-27.79	≤ 15.47	PASS
				5720~5725	-28.43	≤ 17.91	PASS
				5760~5650	-39.35	≤ -27	PASS
		High	5825	5850~5855	-30.78	≤ 15.79	PASS
				5855~5875	-32.76	≤ 10.36	PASS
				5875~5925	-38.05	≤ -7.97	PASS
				5925~5935	-39.13	≤ -27	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-34.75	≤ -2.73	PASS
				5700~5720	-33.26	≤ 14.52	PASS
				5720~5725	-32.32	≤ 26.20	PASS
				5780~5650	-37.78	≤ -27	PASS
		High	5795	5850~5855	-37.04	≤ 19.42	PASS
				5855~5875	-37.12	≤ 13.23	PASS
				5875~5925	-37.79	≤ -24.24	PASS
				5925~5935	-38.86	≤ -27	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-35.08	≤ -3.75	PASS
				5700~5720	-34.01	≤ 13.57	PASS
				5720~5725	-32.58	≤ 26.60	PASS
				5800~5650	-36.14	≤ -27	PASS
		High	5775	5850~5855	-33.98	≤ 24.23	PASS
				5855~5875	-35.84	≤ 14.63	PASS
				5875~5925	-36.75	≤ -26.27	PASS
				5925~5935	-38.19	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant2_Low_5745



11N20SISO_Ant2_High_5825



11N40SISO_Ant2_Low_5755



11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



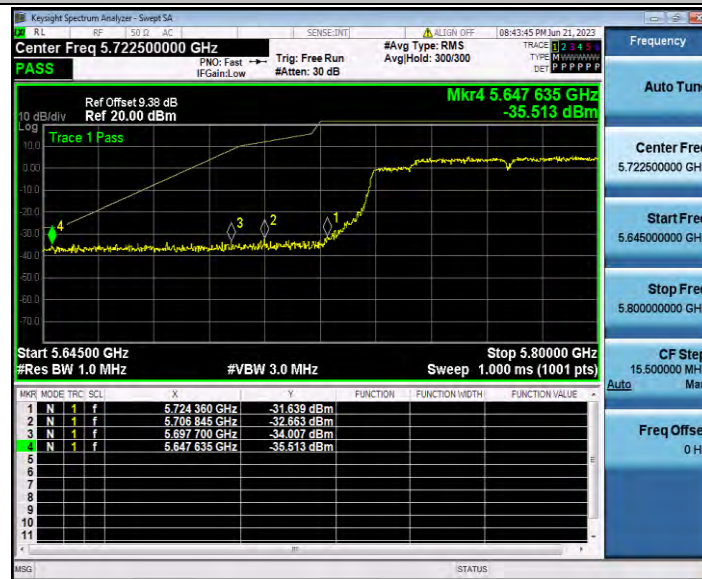
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11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



11AC80SISO_Ant2_Low_5775



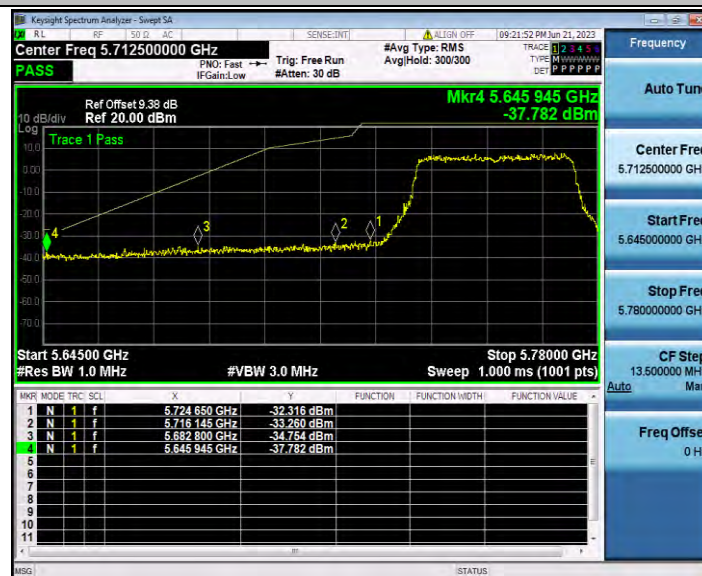
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11AX20SISO_Ant2_Low_5745



11AX20SISO_Ant2_High_5825



11AX40SISO_Ant2_Low_5755



11AX40SISO_Ant2_High_5795



11AX80SISO_Ant2_Low_5775



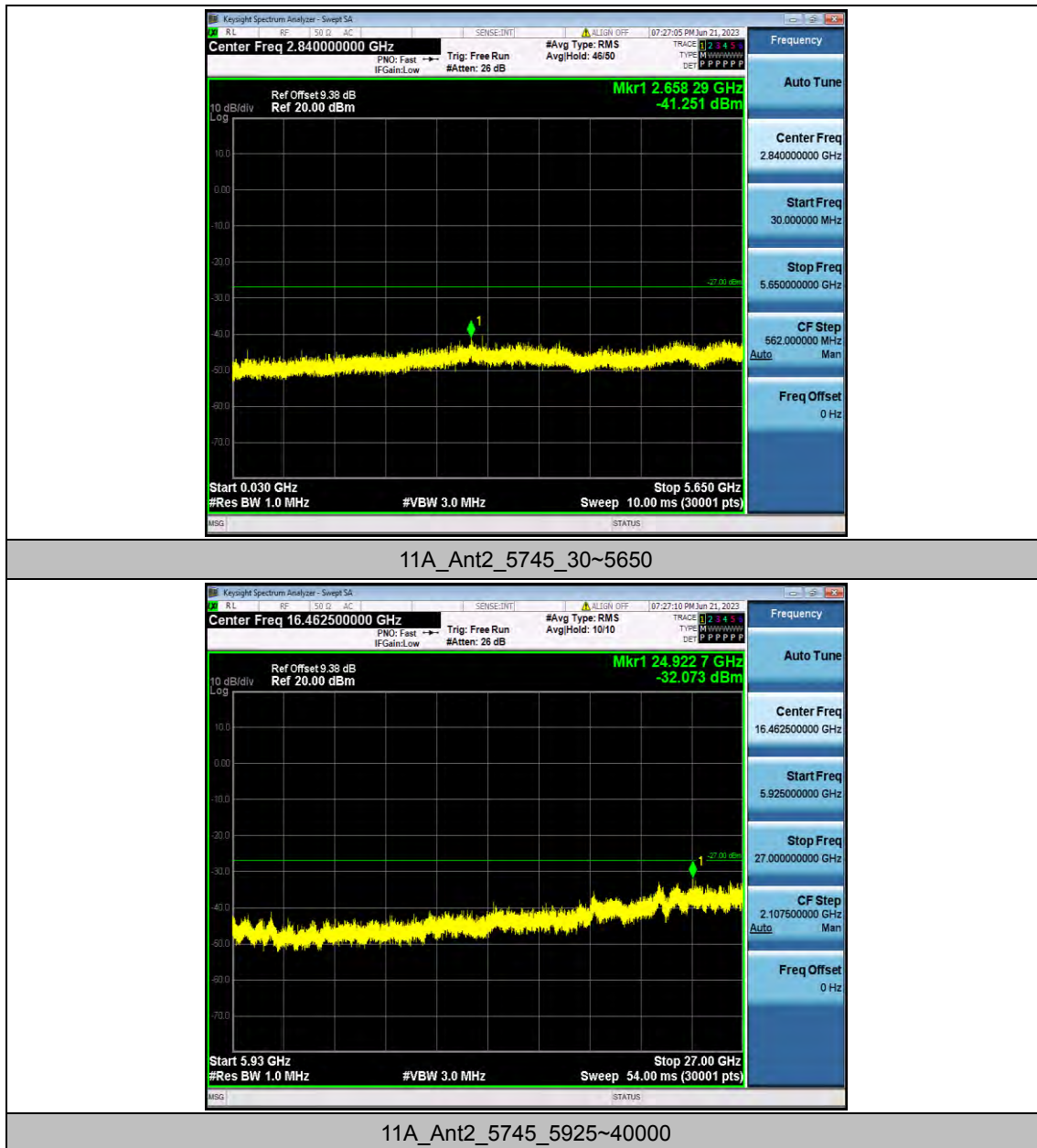
Appendix E.7: Conducted Spurious Emission

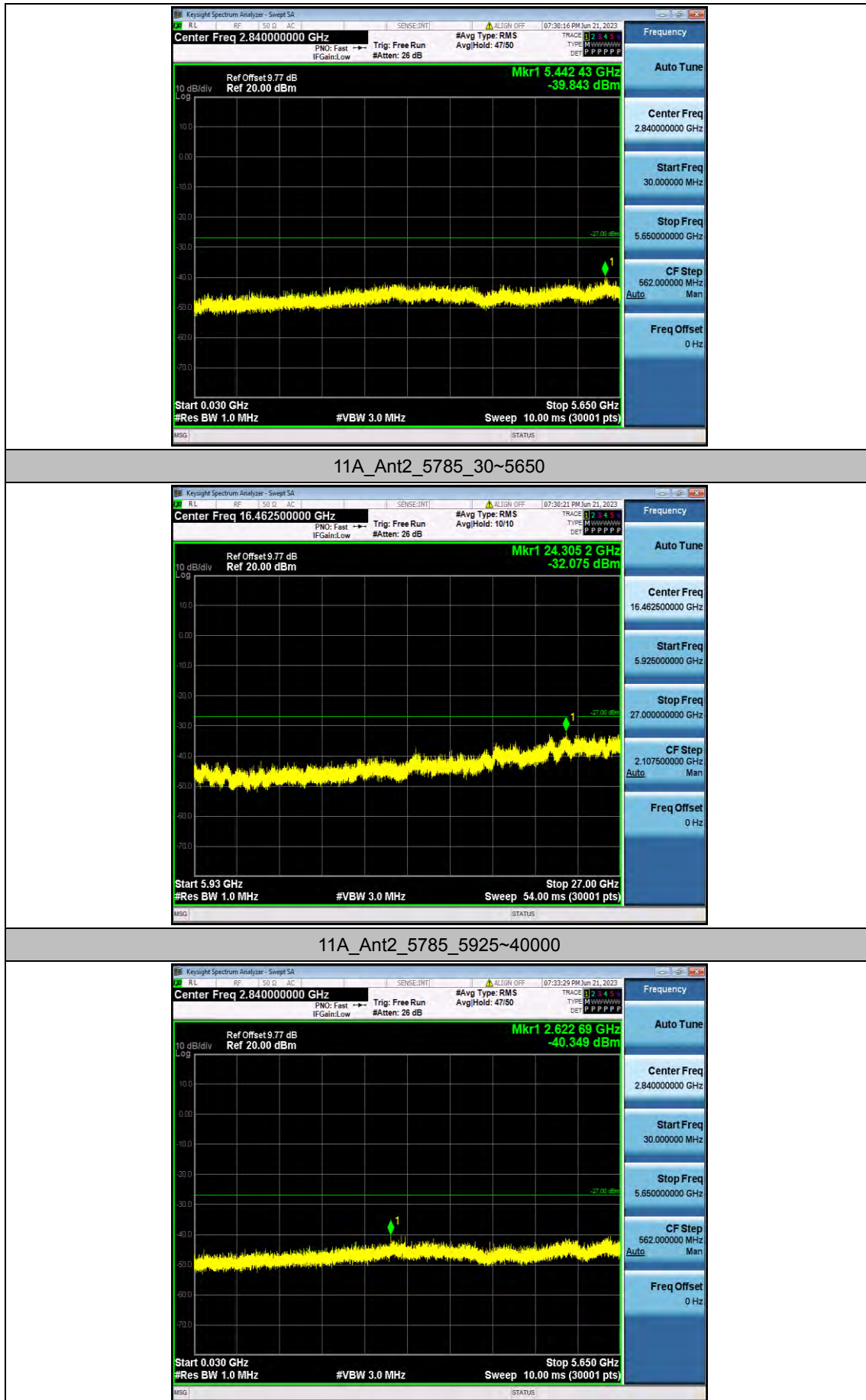
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	2658.29	-41.25	≤-27	PASS
			5925~40000	24922.71	-32.07	≤-27	PASS
		5785	30~5650	5442.43	-39.84	≤-27	PASS
			5925~40000	24305.21	-32.08	≤-27	PASS
		5825	30~5650	2622.69	-40.35	≤-27	PASS
			5925~40000	26619.25	-32.02	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5484.77	-40.56	≤-27	PASS
			5925~40000	24203.35	-32.35	≤-27	PASS
		5785	30~5650	5446.37	-40.29	≤-27	PASS
			5925~40000	26036.17	-32.61	≤-27	PASS
		5825	30~5650	5445.99	-40.54	≤-27	PASS
			5925~40000	24246.2	-32.14	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5643.44	-38.48	≤-27	PASS
			5925~40000	23602.71	-32.87	≤-27	PASS
		5795	30~5650	5557.83	-39.99	≤-27	PASS
			5925~40000	26062.16	-31.9	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	3061.62	-40.32	≤-27	PASS
			5925~40000	26779.42	-32.49	≤-27	PASS
		5785	30~5650	5010.63	-40.09	≤-27	PASS
			5925~40000	24252.52	-32.33	≤-27	PASS
		5825	30~5650	2676.27	-40.31	≤-27	PASS
			5925~40000	26725.32	-31.88	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5649.06	-38.65	≤-27	PASS
			5925~40000	26063.57	-32.67	≤-27	PASS
		5795	30~5650	5434.57	-39.92	≤-27	PASS
			5925~40000	26038.98	-32.42	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5647.75	-37.09	≤-27	PASS
			5925~40000	26064.97	-31.39	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	2711.68	-41.35	≤-27	PASS
			5925~40000	26650.16	-31.95	≤-27	PASS
		5785	30~5650	5407.97	-40.43	≤-27	PASS
			5925~40000	24199.84	-32.04	≤-27	PASS
		5825	30~5650	5518.49	-40.51	≤-27	PASS
			5925~40000	23613.95	-31.73	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5644.94	-40.45	≤-27	PASS
			5925~40000	24232.85	-32.68	≤-27	PASS

		5795	30~5650	5482.71	-40.23	≤-27	PASS
			5925~40000	23519.82	-31.46	≤-27	PASS
11AX80SISO	Ant2	5775	30~5650	5644.19	-38.76	≤-27	PASS
			5925~40000	25529.67	-32.43	≤-27	PASS

Test Graphs





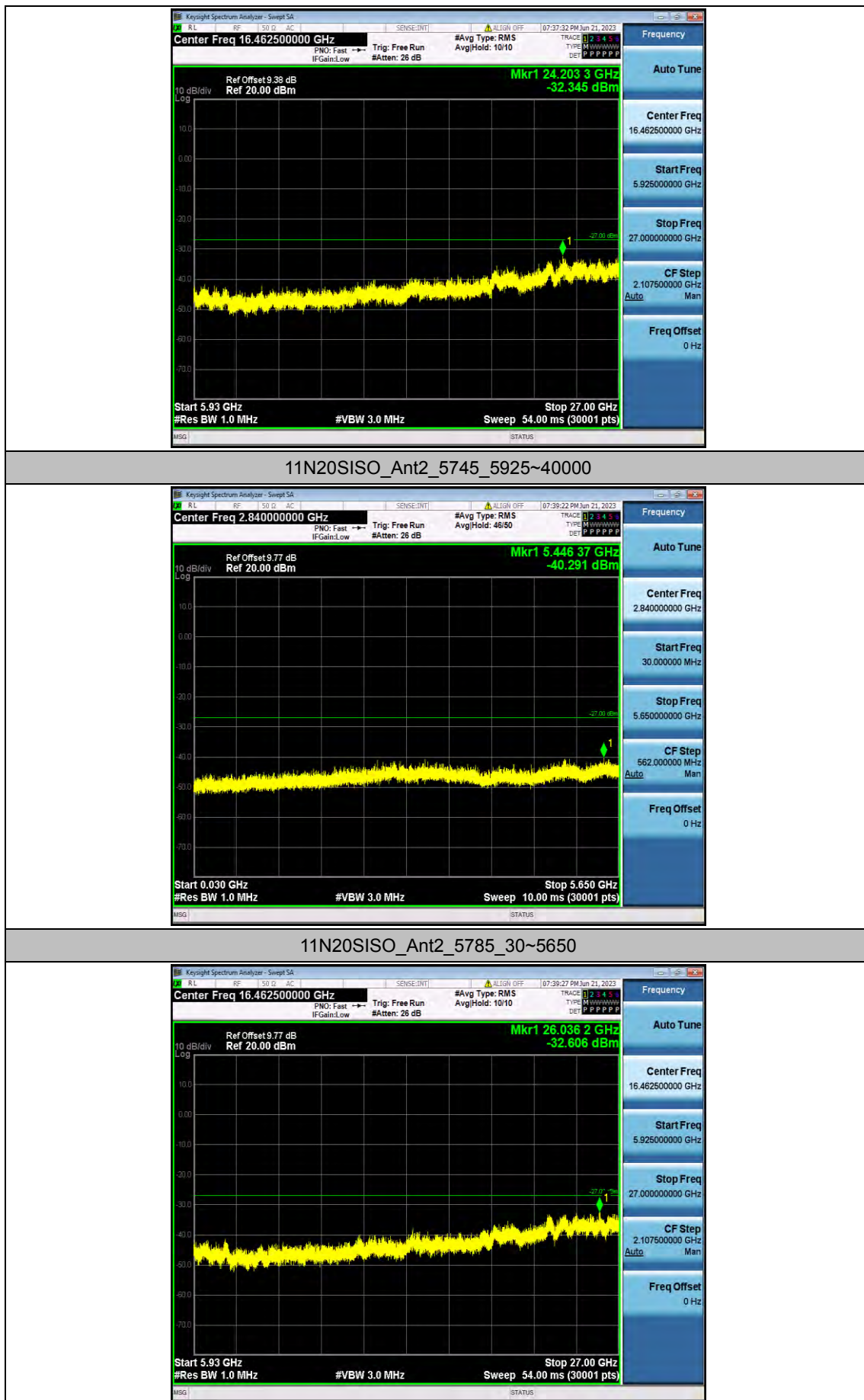
11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~40000



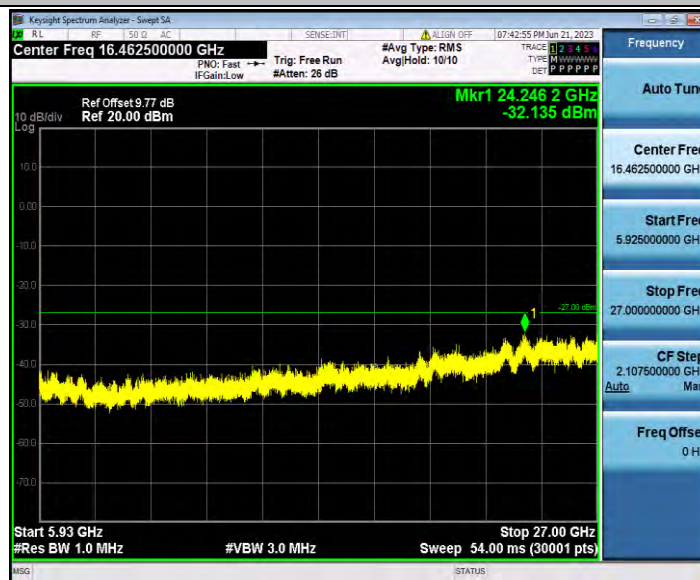
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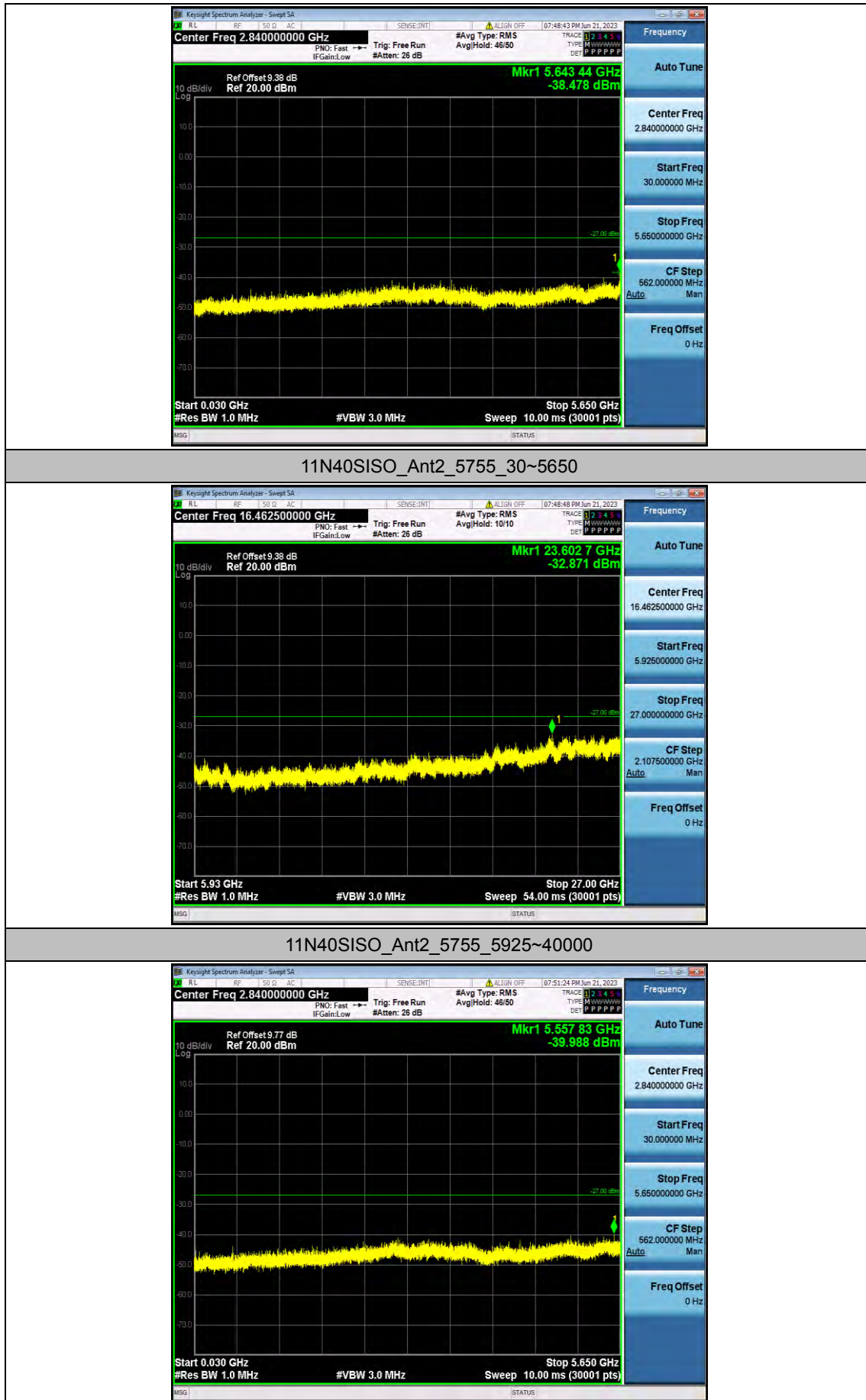
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11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~40000



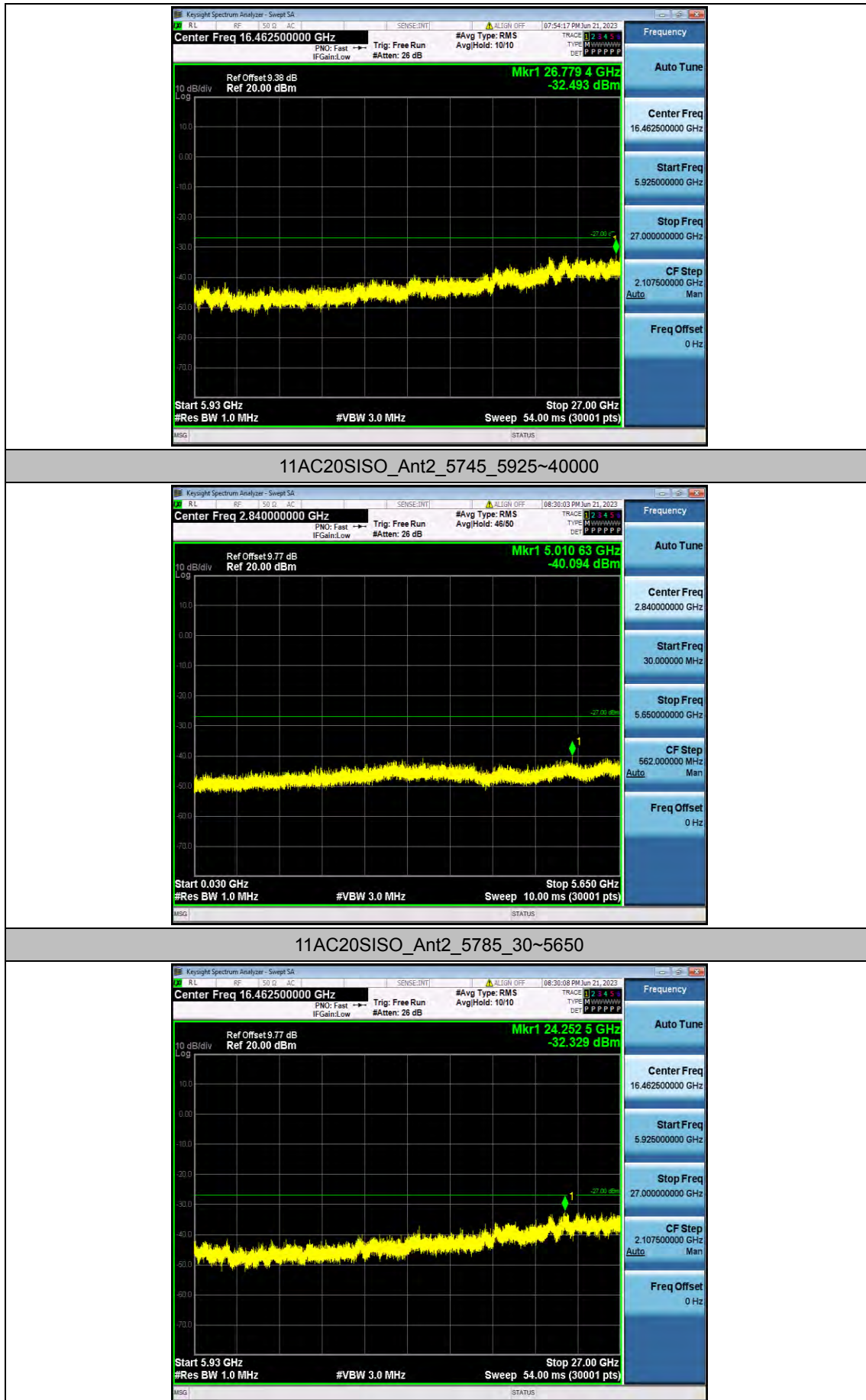
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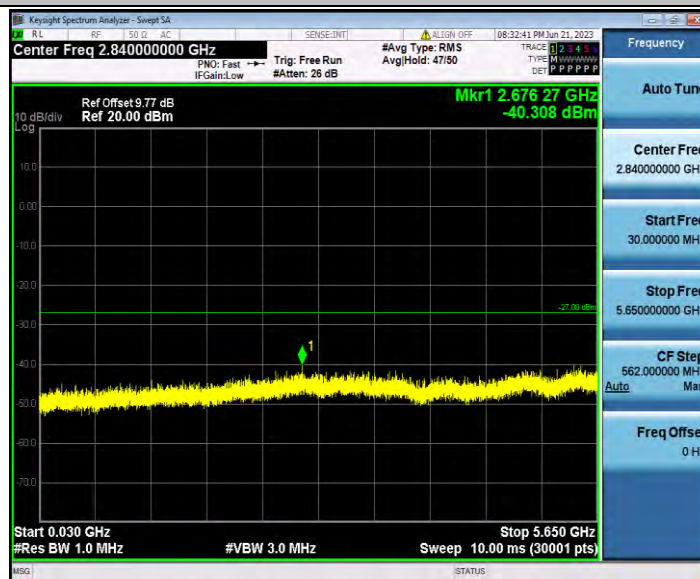
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11AC20SISO_Ant2_5745_30~5650



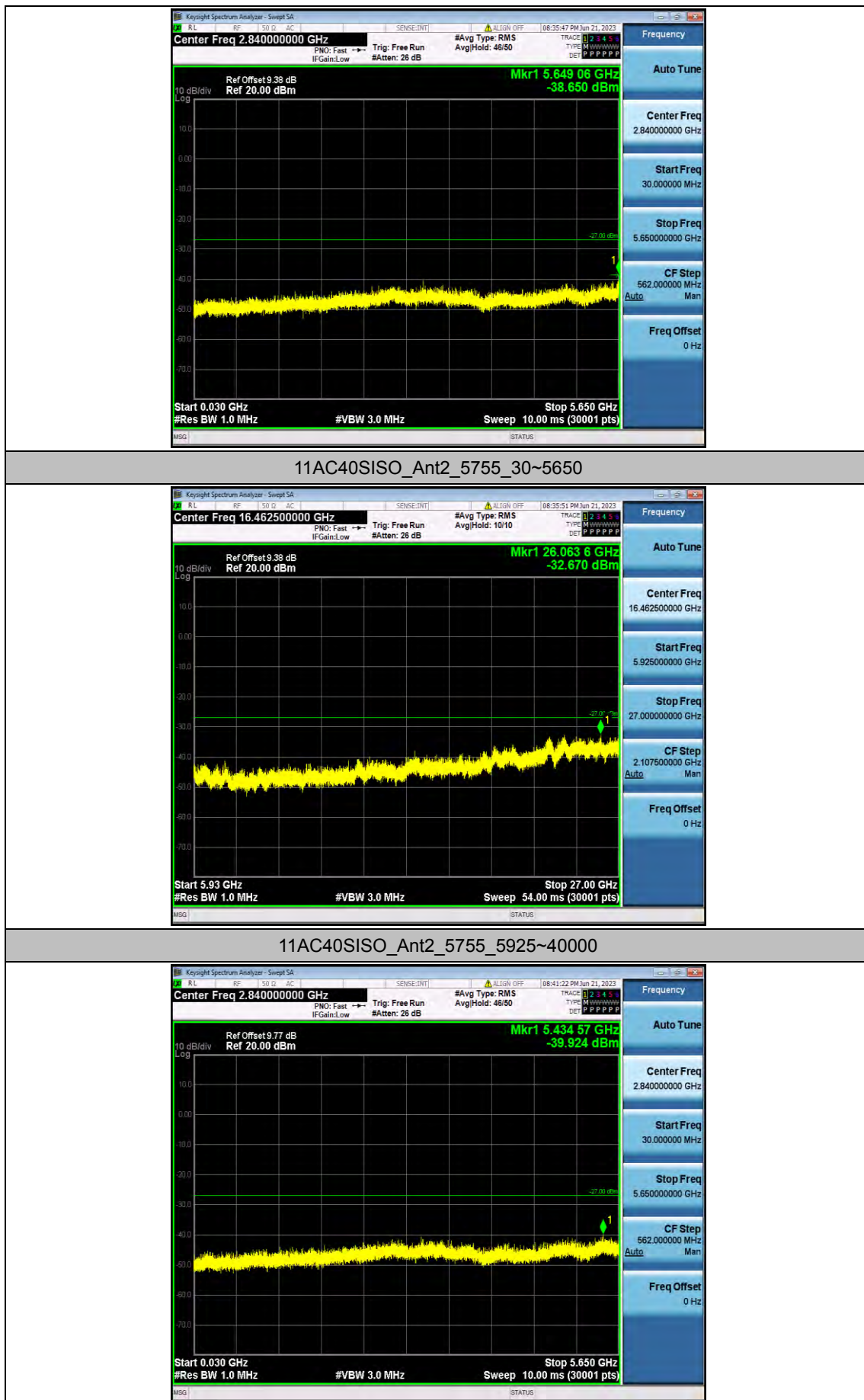
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11AC20SISO_Ant2_5825_30~5650



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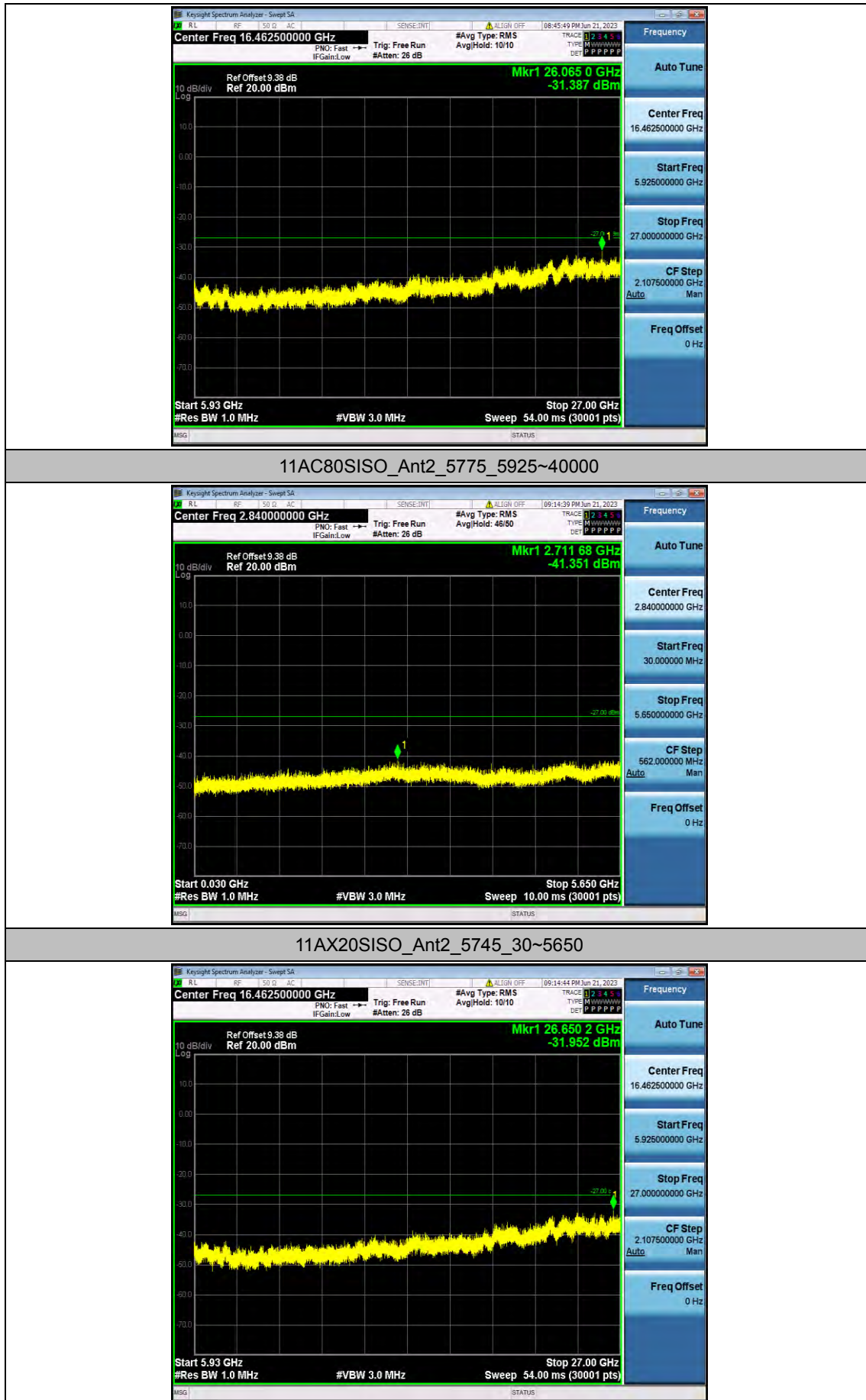
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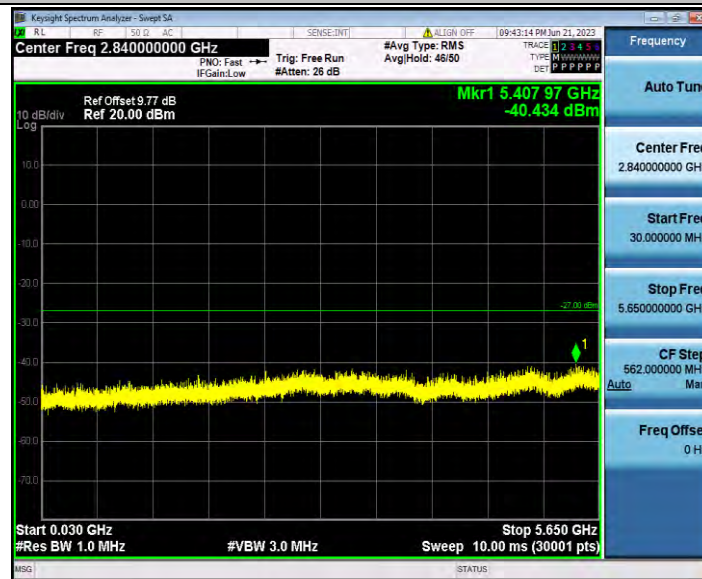
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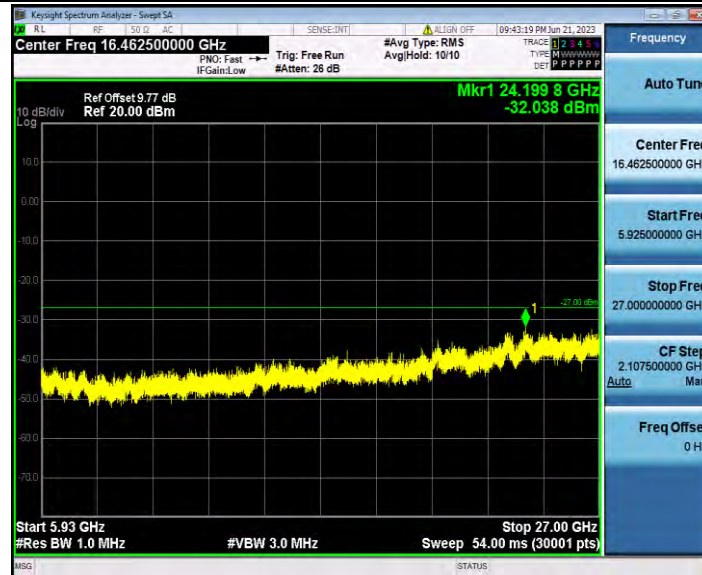
11AC80SISO_Ant2_5775_30~5650



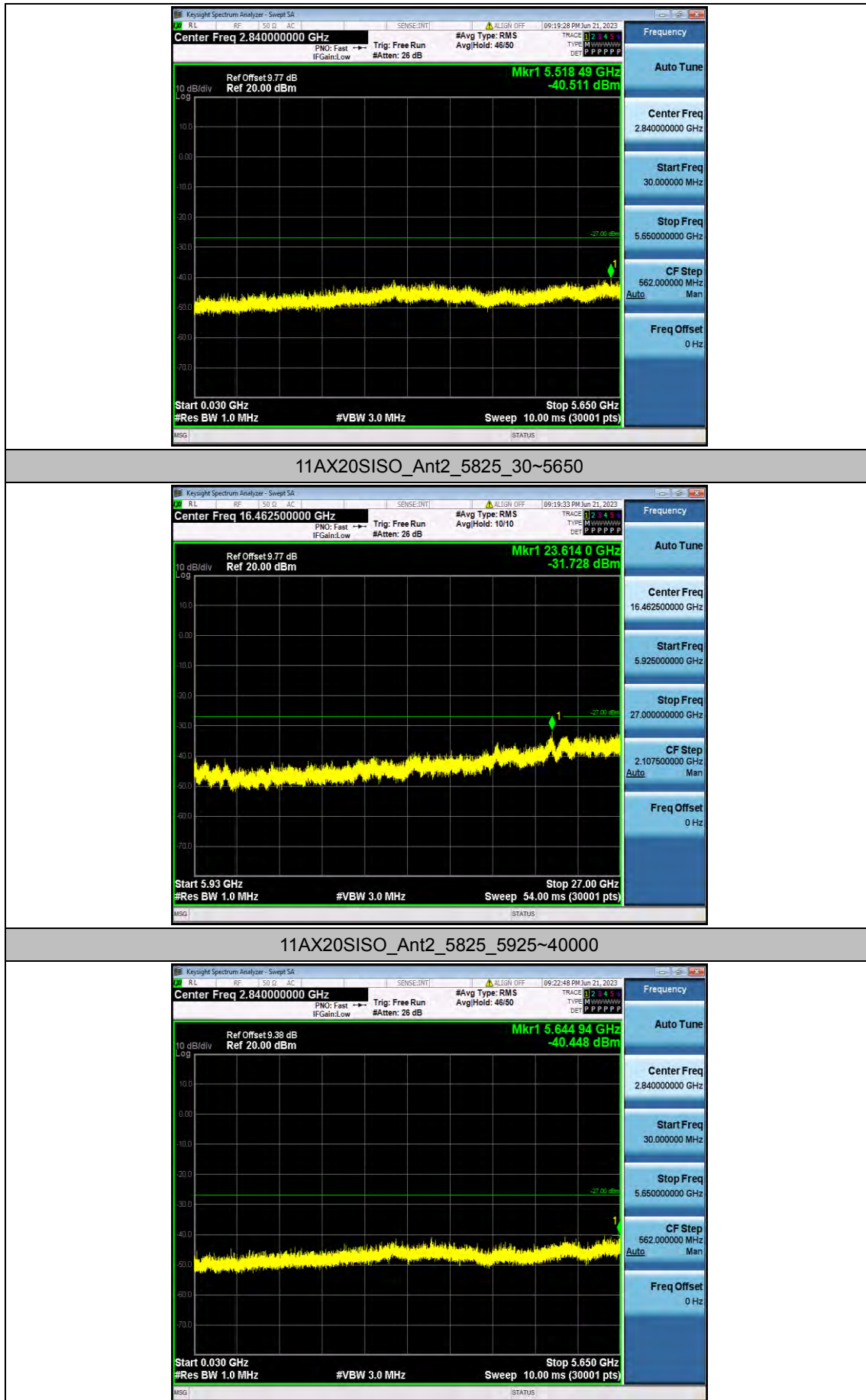
11AX20SISO_Ant2_5745_5925~40000



11AX20SISO_Ant2_5785_30~5650



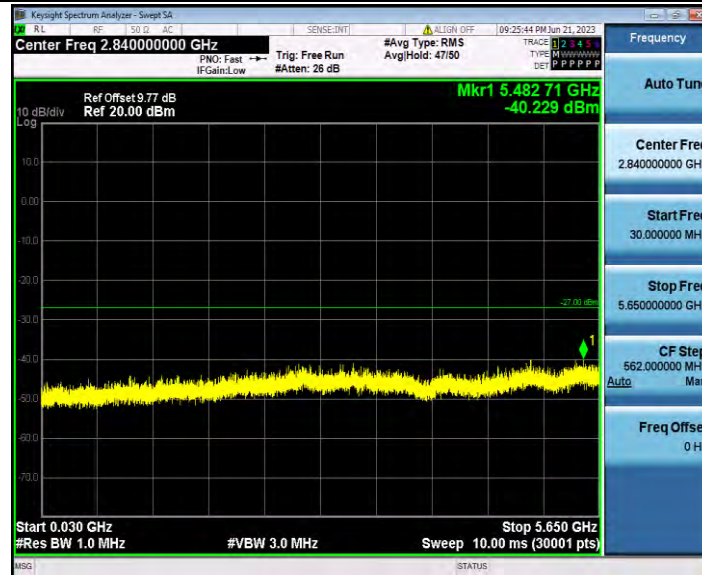
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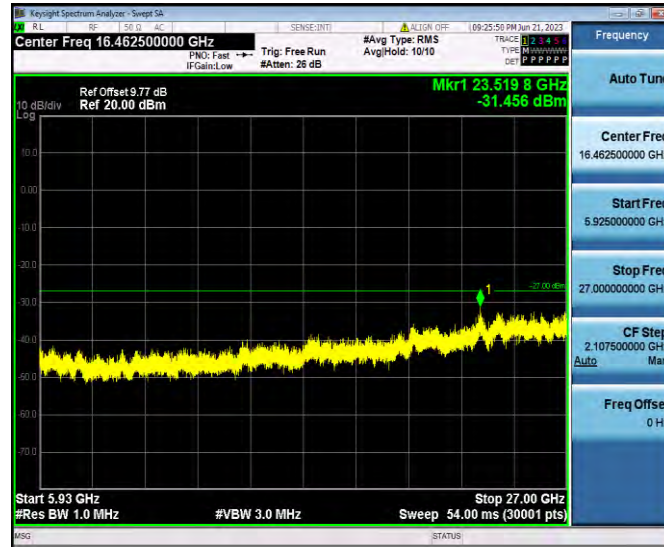
11AX40SISO_Ant2_5755_30~5650



11AX40SISO_Ant2_5755_5925~40000



11AX40SISO_Ant2_5795_30~5650



11AX40SISO_Ant2_5795_5925~40000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~40000