

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	11.75	62.96	2.01	13.76	≤30.00	PASS
		5785	12.21	64.29	1.92	14.13	≤30.00	PASS
		5825	11.74	62.96	2.01	13.75	≤30.00	PASS
11N20SISO	Ant1	5745	11.77	61.54	2.11	13.88	≤30.00	PASS
		5785	12.02	61.54	2.11	14.13	≤30.00	PASS
		5825	11.65	62.96	2.01	13.66	≤30.00	PASS
11N40SISO	Ant1	5755	10.04	50.00	3.01	13.05	≤30.00	PASS
		5795	10.44	50.00	3.01	13.45	≤30.00	PASS
11AC20SISO	Ant1	5745	11.58	60.00	2.22	13.80	≤30.00	PASS
		5785	11.96	60.00	2.22	14.18	≤30.00	PASS
		5825	11.50	60.00	2.22	13.72	≤30.00	PASS
11AC40SISO	Ant1	5755	9.79	47.37	3.24	13.03	≤30.00	PASS
		5795	10.11	44.44	3.52	13.63	≤30.00	PASS
11AC80SISO	Ant1	5775	8.52	37.50	4.26	12.78	≤30.00	PASS
11AX20SISO	Ant1	5745	11.42	54.55	2.63	14.05	≤30.00	PASS
		5785	11.88	54.55	2.63	14.51	≤30.00	PASS
		5825	11.41	54.55	2.63	14.04	≤30.00	PASS
11AX40SISO	Ant1	5755	4.65	47.37	3.24	7.89	≤30.00	PASS
		5795	5.05	47.37	3.24	8.29	≤30.00	PASS
11AX80SISO	Ant1	5775	9.04	44.44	3.52	12.56	≤30.00	PASS

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

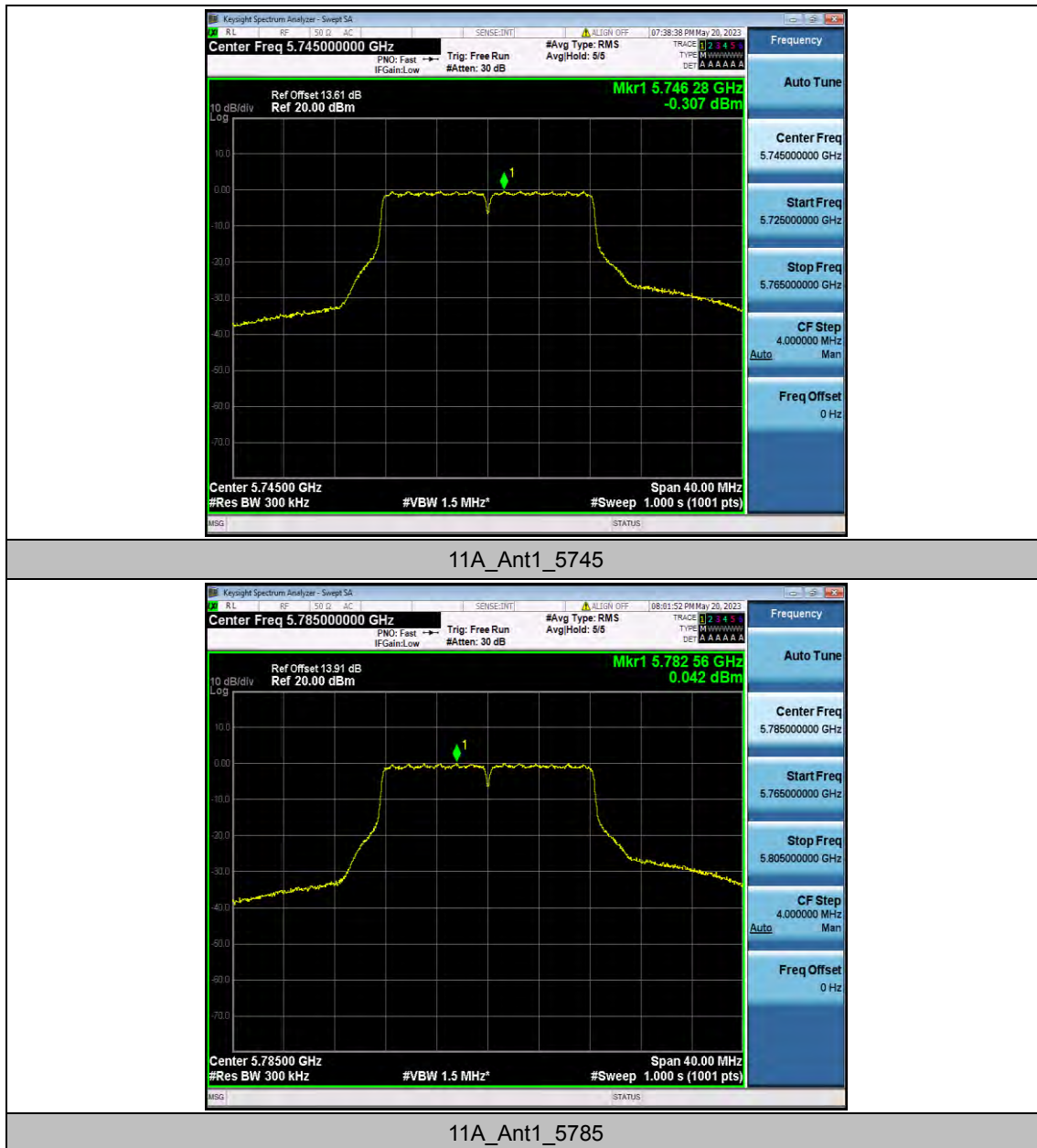
Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-0.31	≤30.00	PASS
		5785	0.04	≤30.00	PASS
		5825	-0.38	≤30.00	PASS
11N20SISO	Ant1	5745	-0.12	≤30.00	PASS
		5785	0.06	≤30.00	PASS
		5825	-0.32	≤30.00	PASS
11N40SISO	Ant1	5755	-3.36	≤30.00	PASS
		5795	-2.78	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.28	≤30.00	PASS
		5785	0.1	≤30.00	PASS
		5825	-0.33	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.13	≤30.00	PASS
		5795	-2.2	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.74	≤30.00	PASS
11AX20SISO	Ant1	5745	0.06	≤30.00	PASS
		5785	0.56	≤30.00	PASS
		5825	0.15	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.23	≤30.00	PASS
		5795	-7.83	≤30.00	PASS
11AX80SISO	Ant1	5775	-6.29	≤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



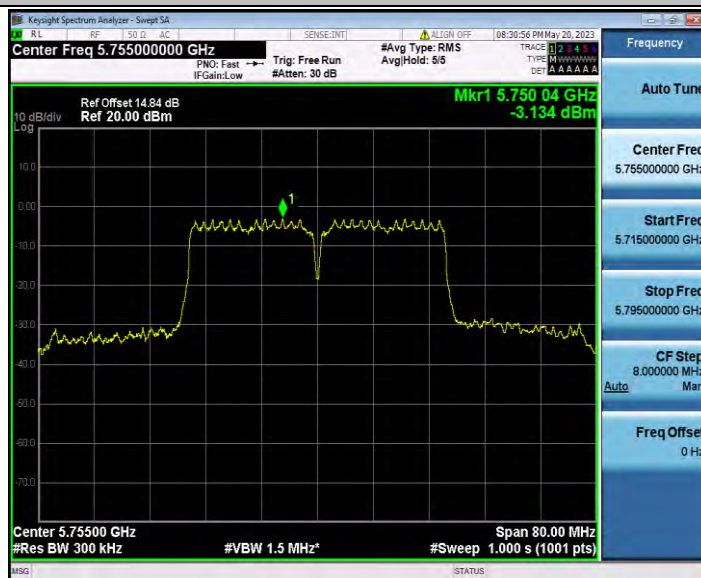
11N40SISO_Ant1_5755



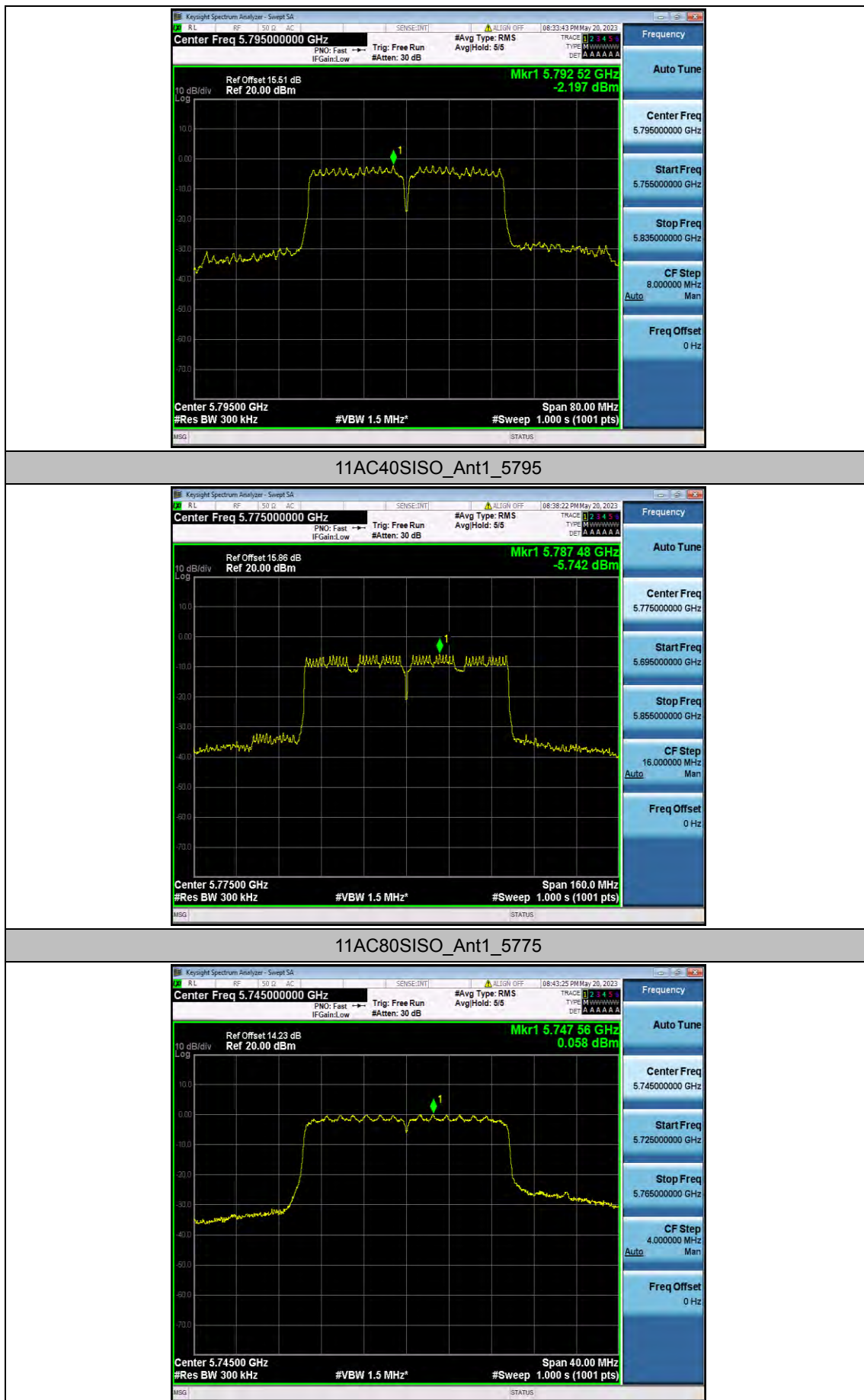
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

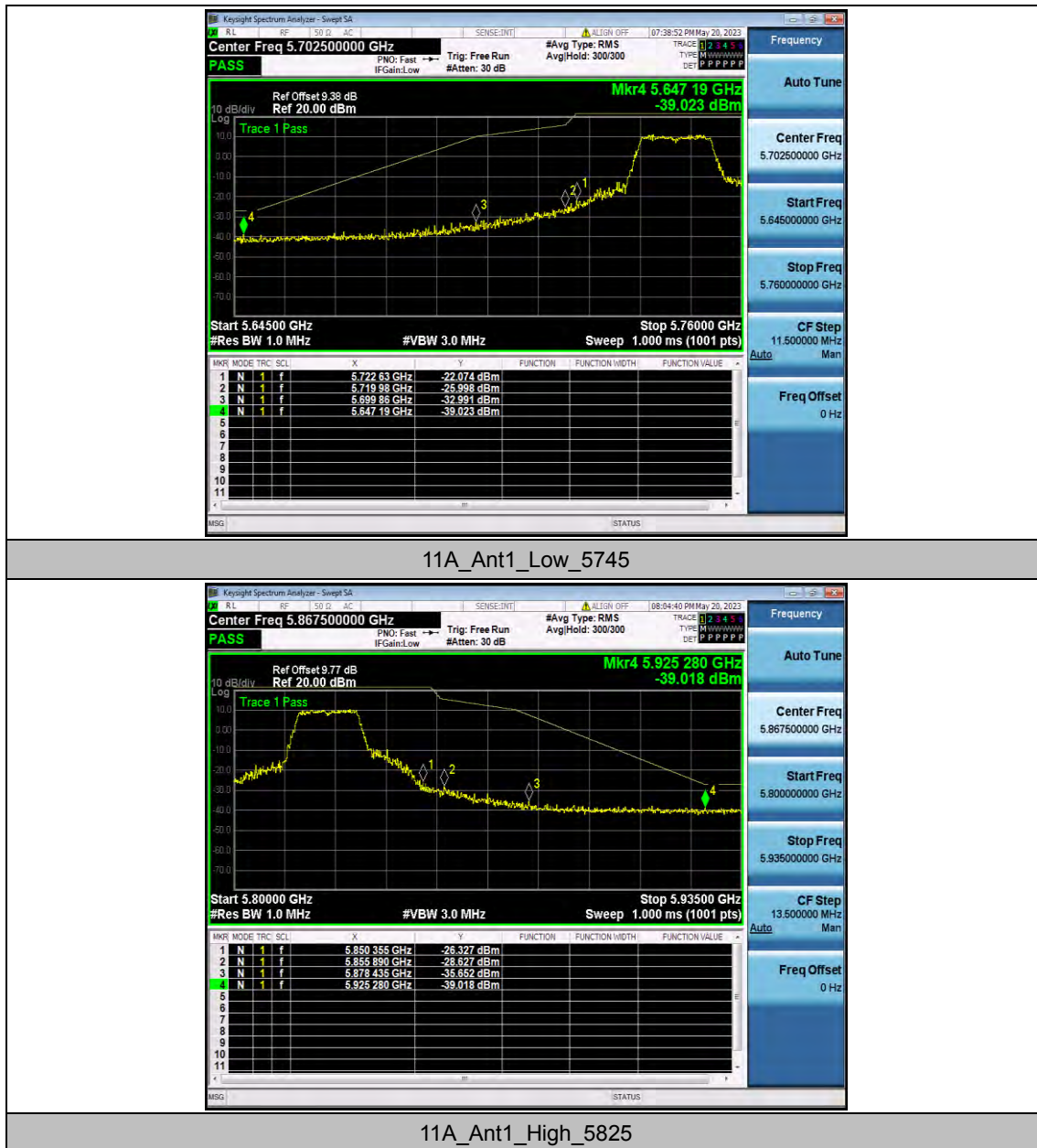
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-32.99	≤9.89	PASS
				5700~5720	-26	≤15.59	PASS
				5720~5725	-22.07	≤21.58	PASS
				5760~5650	-39.02	≤-27	PASS
		High	5825	5850~5855	-26.33	≤16.41	PASS
				5855~5875	-28.63	≤10.25	PASS
				5875~5925	-35.65	≤-24.46	PASS
				5925~5935	-39.02	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-33.17	≤9.04	PASS
				5700~5720	-26.07	≤15.56	PASS
				5720~5725	-18.98	≤22.90	PASS
				5760~5650	-40.17	≤-27	PASS
		High	5825	5850~5855	-25.7	≤17.03	PASS
				5855~5875	-30.3	≤11.80	PASS
				5875~5925	-35.53	≤-24.16	PASS
				5925~5935	-39.13	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-29.87	≤7.86	PASS
				5700~5720	-18.76	≤15.01	PASS
				5720~5725	-16.86	≤22.20	PASS
				5780~5650	-38.82	≤-27	PASS
		High	5795	5850~5855	-27.83	≤16.79	PASS
				5855~5875	-31.58	≤10.09	PASS
				5875~5925	-36.88	≤-22.04	PASS
				5925~5935	-38.17	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-31.27	≤2.40	PASS
				5700~5720	-26.12	≤15.56	PASS
				5720~5725	-19.59	≤26.30	PASS
				5760~5650	-39.5	≤-27	PASS
		High	5825	5850~5855	-24.43	≤17.33	PASS
				5855~5875	-29.3	≤10.40	PASS
				5875~5925	-35.19	≤-23.16	PASS
				5925~5935	-38.44	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-30.82	≤9.76	PASS
				5700~5720	-19.5	≤14.67	PASS
				5720~5725	-19.32	≤19.43	PASS
				5780~5650	-38	≤-27	PASS

		High	5795	5850~5855	-28.53	≤ 16.41	PASS
				5855~5875	-34.13	≤ 11.24	PASS
				5875~5925	-36.35	≤ 2.02	PASS
				5925~5935	-38.86	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-21.9	≤ 0.73	PASS
				5700~5720	-21.34	≤ 13.65	PASS
				5720~5725	-21.61	≤ 21.30	PASS
				5800~5650	-31.74	≤ -27	PASS
		High	5775	5850~5855	-24.34	≤ 15.79	PASS
				5855~5875	-26.46	≤ 10.07	PASS
				5875~5925	-34.86	≤ -24.49	PASS
				5925~5935	-36.25	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-30.12	≤ 7.77	PASS
				5700~5720	-23.2	≤ 15.59	PASS
				5720~5725	-14.07	≤ 23.68	PASS
				5760~5650	-38.29	≤ -27	PASS
		High	5825	5850~5855	-18.04	≤ 17.95	PASS
				5855~5875	-24.42	≤ 10.29	PASS
				5875~5925	-35.32	≤ -26.26	PASS
				5925~5935	-38.86	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.55	≤ 7.66	PASS
				5700~5720	-28.81	≤ 15.58	PASS
				5720~5725	-29.26	≤ 16.04	PASS
				5780~5650	-39.81	≤ -27	PASS
		High	5795	5850~5855	-38.87	≤ 24.69	PASS
				5855~5875	-38.72	≤ 11.89	PASS
				5875~5925	-38.7	≤ 8.24	PASS
				5925~5935	-38.77	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-21.95	≤ 0.96	PASS
				5700~5720	-19.6	≤ 15.13	PASS
				5720~5725	-17.67	≤ 24.83	PASS
				5800~5650	-32.94	≤ -27	PASS
		High	5775	5850~5855	-23.42	≤ 20.86	PASS
				5855~5875	-24.01	≤ 10.38	PASS
				5875~5925	-31.45	≤ -24.22	PASS
				5925~5935	-37.59	≤ -27	PASS

Test Graphs B4

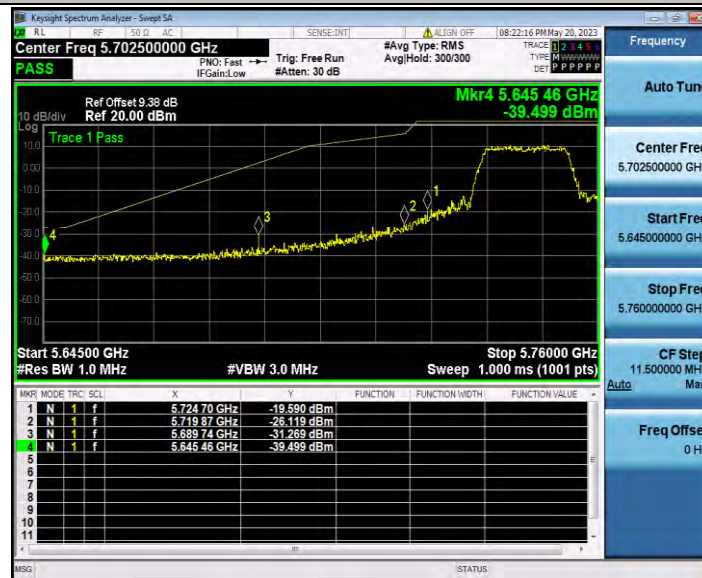




11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



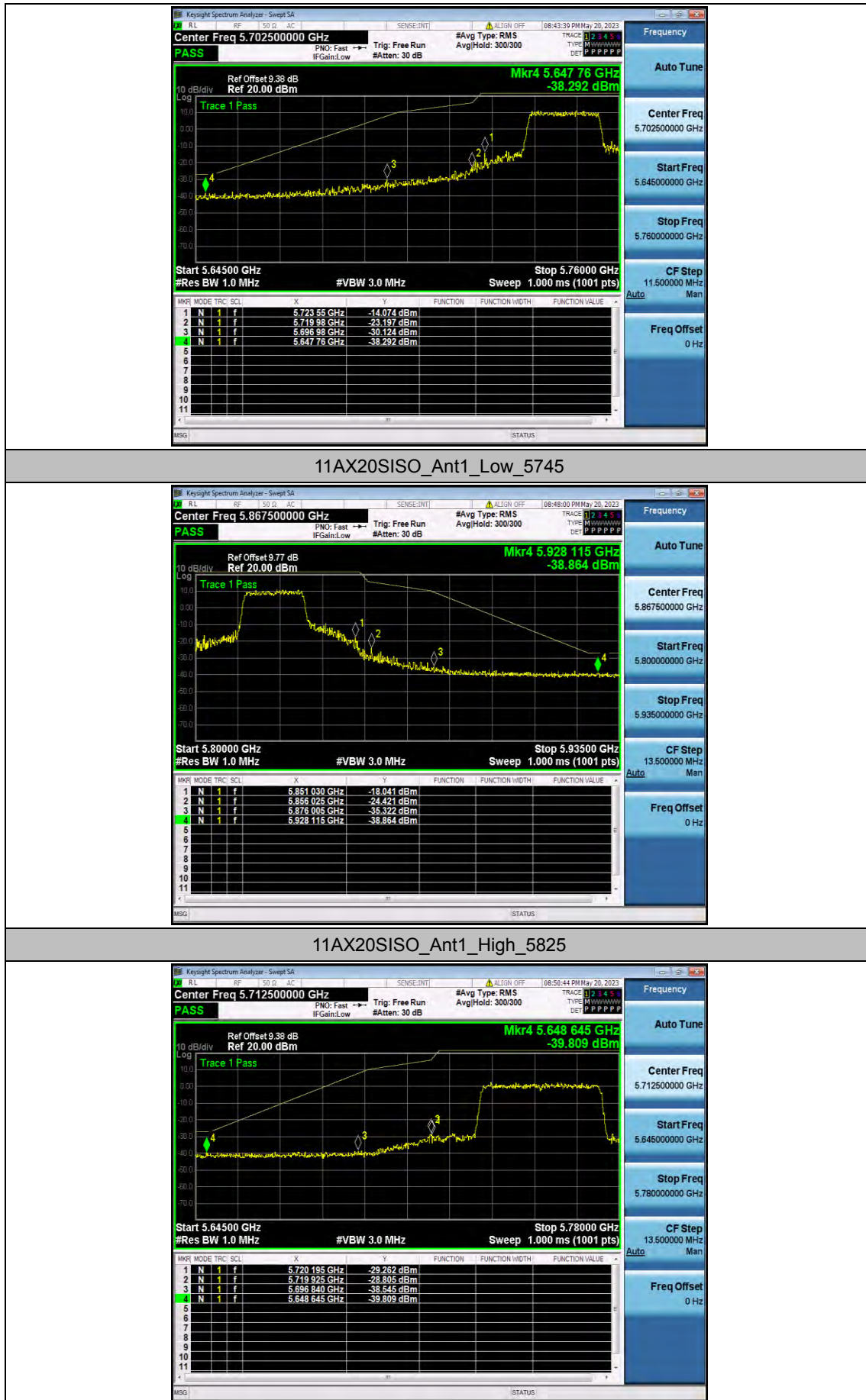
11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



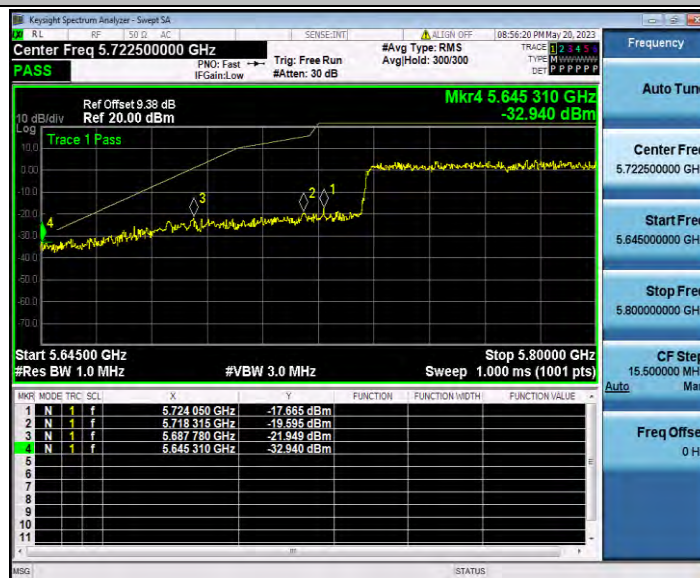
11AC80SISO_Ant1_High_5775



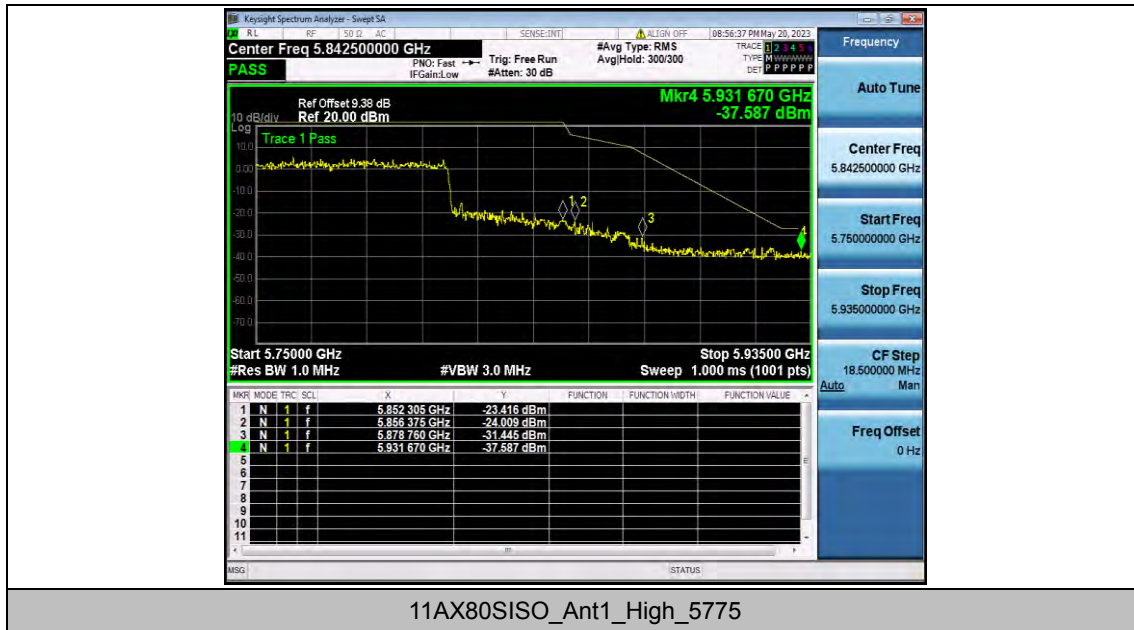
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



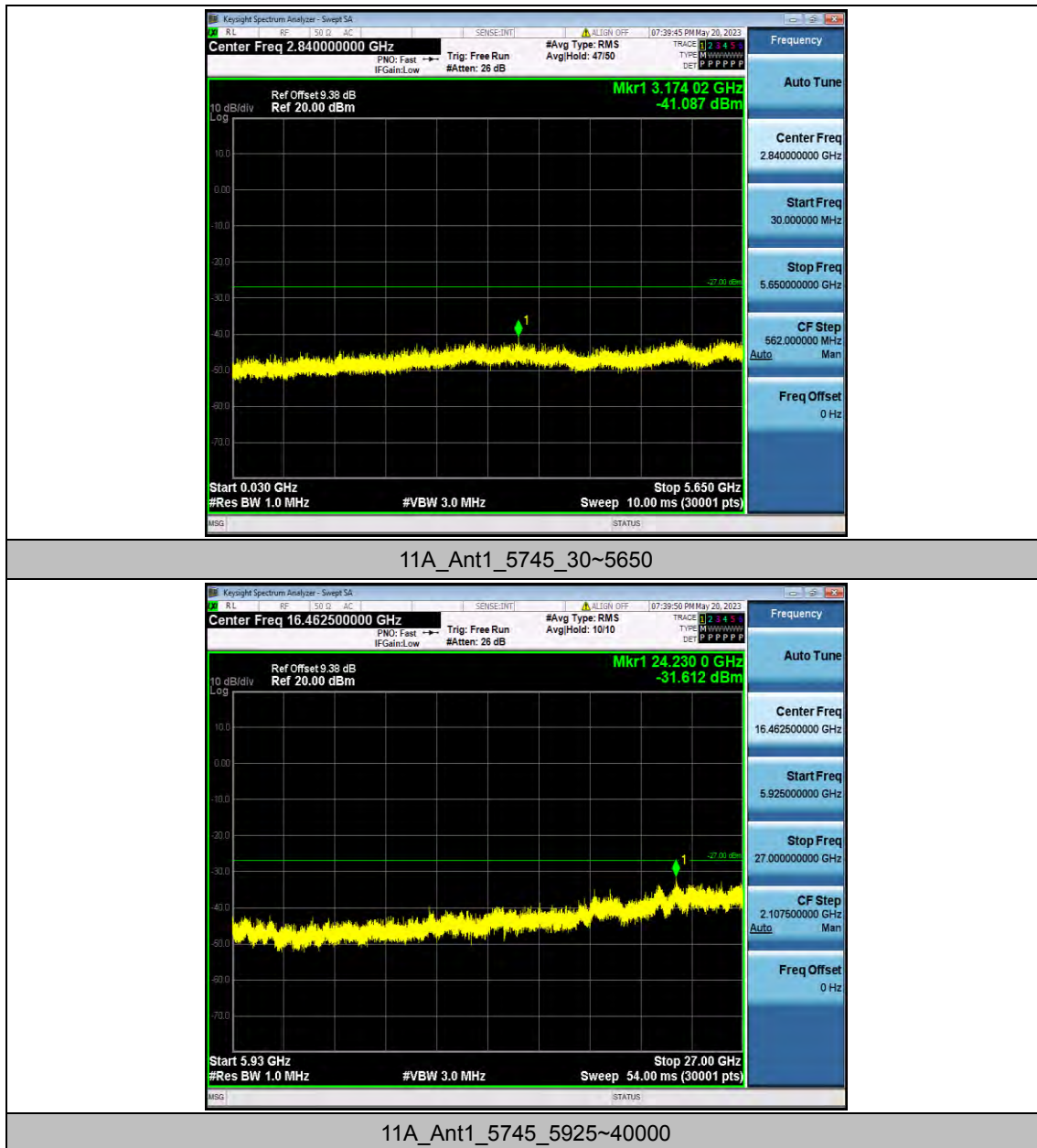
Appendix E.7: Conducted Spurious Emission

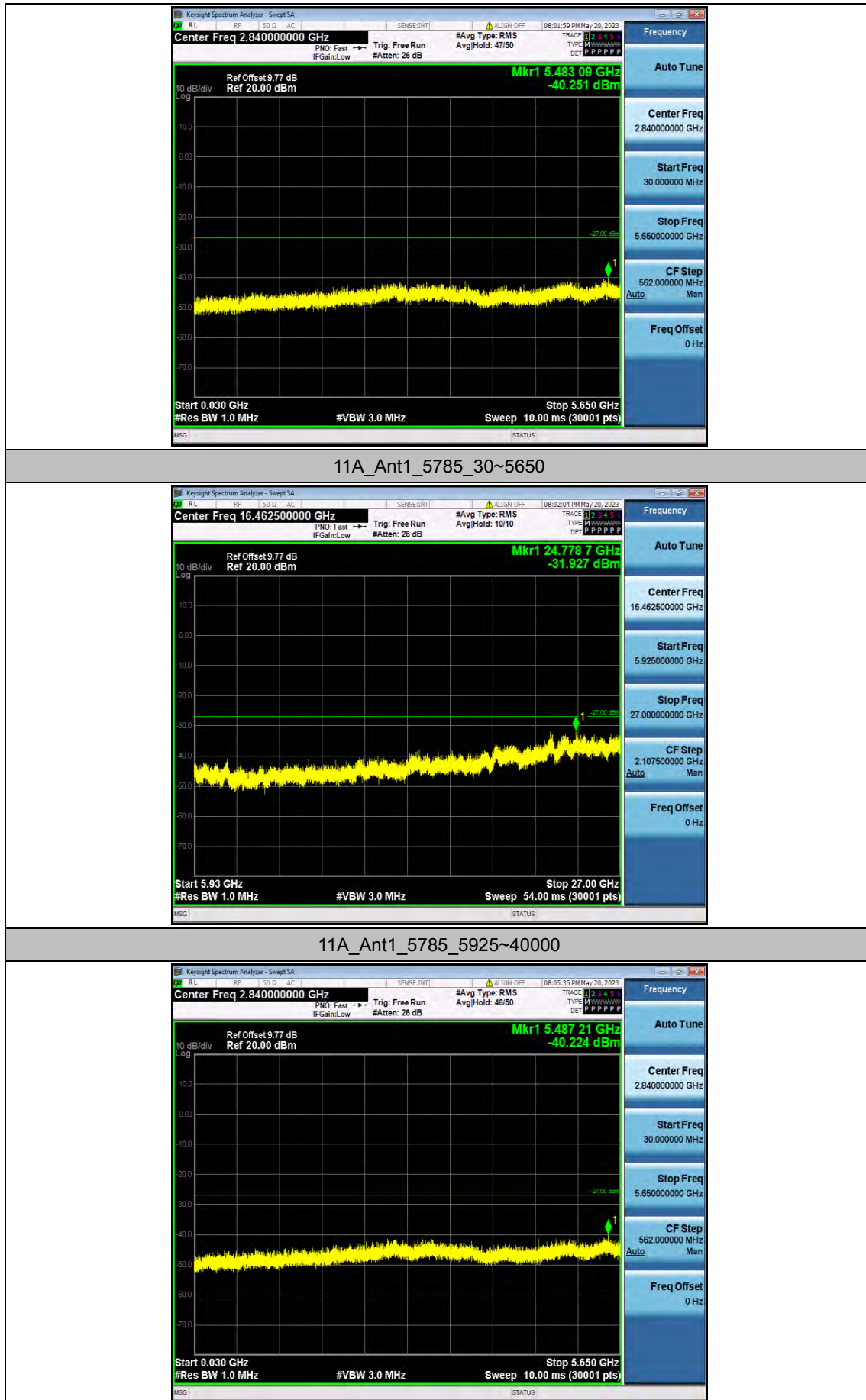
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3174.02	-41.09	≤-27	PASS
			5925~40000	24230.04	-31.61	≤-27	PASS
		5785	30~5650	5483.09	-40.25	≤-27	PASS
			5925~40000	24778.7	-31.93	≤-27	PASS
		5825	30~5650	5487.21	-40.22	≤-27	PASS
			5925~40000	24953.62	-31.9	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5442.62	-40.82	≤-27	PASS
			5925~40000	26551.81	-32.44	≤-27	PASS
		5785	30~5650	4931.01	-40.07	≤-27	PASS
			5925~40000	23570.4	-32.4	≤-27	PASS
		5825	30~5650	2655.29	-40.62	≤-27	PASS
			5925~40000	25656.12	-32.17	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5454.42	-41.18	≤-27	PASS
			5925~40000	24220.91	-31.7	≤-27	PASS
		5795	30~5650	4903.66	-40.12	≤-27	PASS
			5925~40000	26674.04	-32.41	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5468.47	-40.89	≤-27	PASS
			5925~40000	26894.63	-33.08	≤-27	PASS
		5785	30~5650	5345.96	-40.58	≤-27	PASS
			5925~40000	23535.27	-32.3	≤-27	PASS
		5825	30~5650	2647.05	-39.21	≤-27	PASS
			5925~40000	26501.93	-32.54	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5457.8	-40.99	≤-27	PASS
			5925~40000	24806.8	-32.45	≤-27	PASS
		5795	30~5650	5415.46	-40.14	≤-27	PASS
			5925~40000	24884.07	-32.57	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5639.88	-37.53	≤-27	PASS
			5925~40000	24239.18	-32.59	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	2635.62	-40.7	≤-27	PASS
			5925~40000	24904.44	-31.2	≤-27	PASS
		5785	30~5650	3439.47	-40.78	≤-27	PASS
			5925~40000	26676.85	-32.54	≤-27	PASS
		5825	30~5650	5418.46	-39.97	≤-27	PASS
			5925~40000	24133.8	-32.39	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4762.41	-40.89	≤-27	PASS
			5925~40000	23483.99	-31.14	≤-27	PASS

		5795	30~5650	5626.96	-40.57	≤-27	PASS
			5925~40000	24307.32	-32.28	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5646.07	-35.32	≤-27	PASS
			5925~40000	24838.41	-32.05	≤-27	PASS

Test Graphs

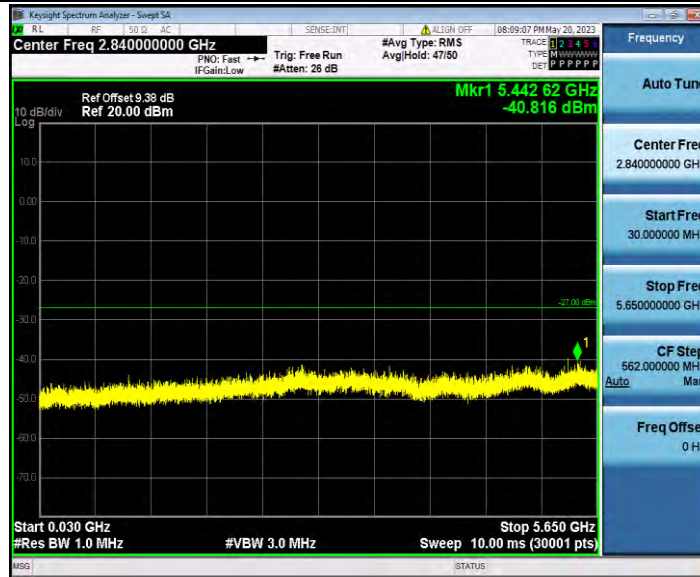




11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



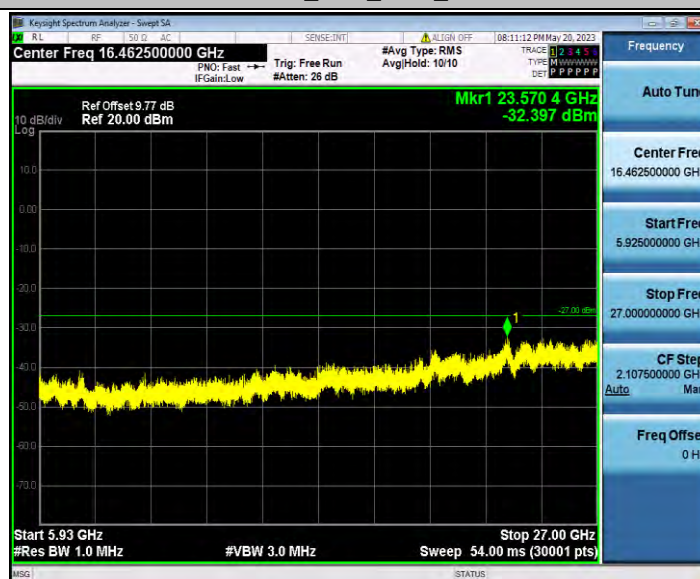
11N20SISO_Ant1_5745_30~5650



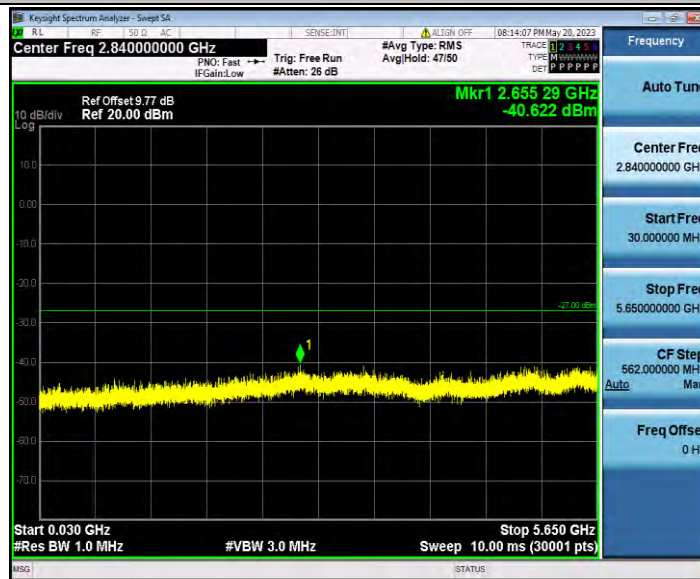
11N20SISO_Ant1_5745_5925~40000



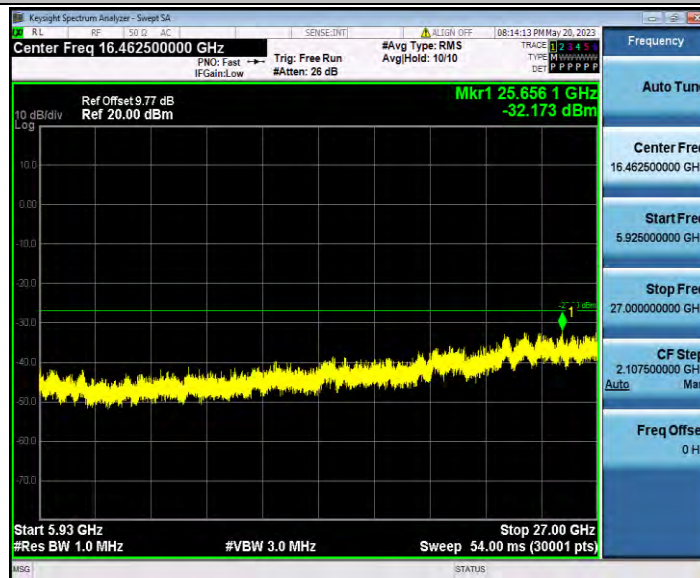
11N20SISO_Ant1_5785_30~5650



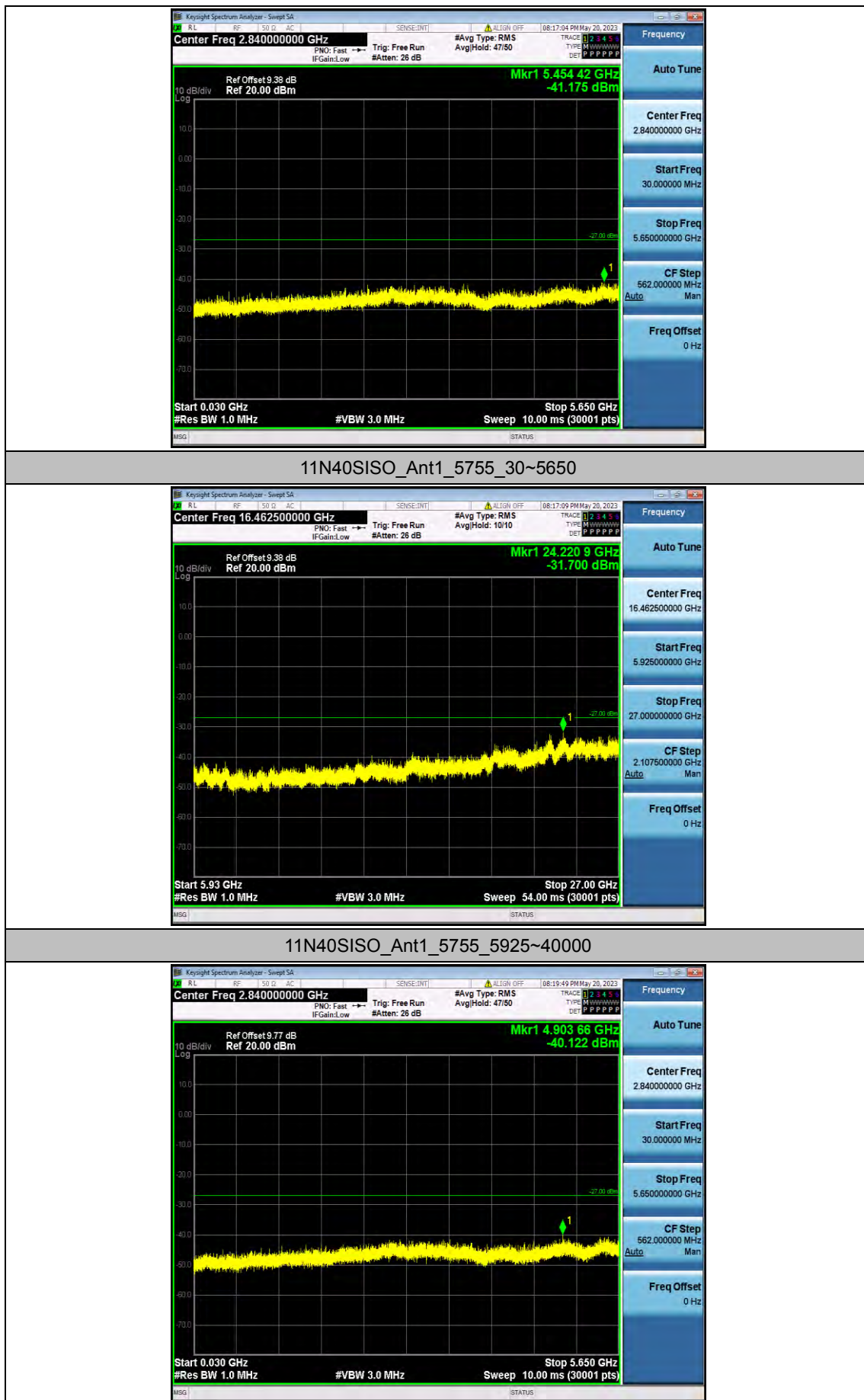
11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



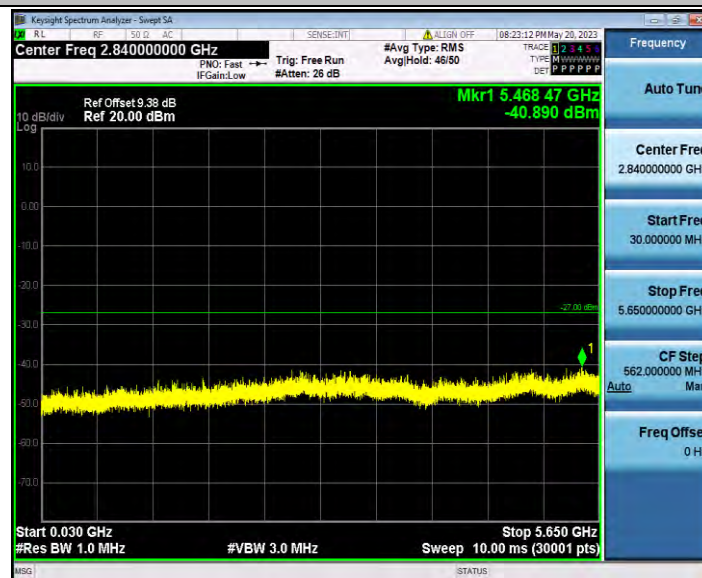
11N20SISO_Ant1_5825_5925~40000



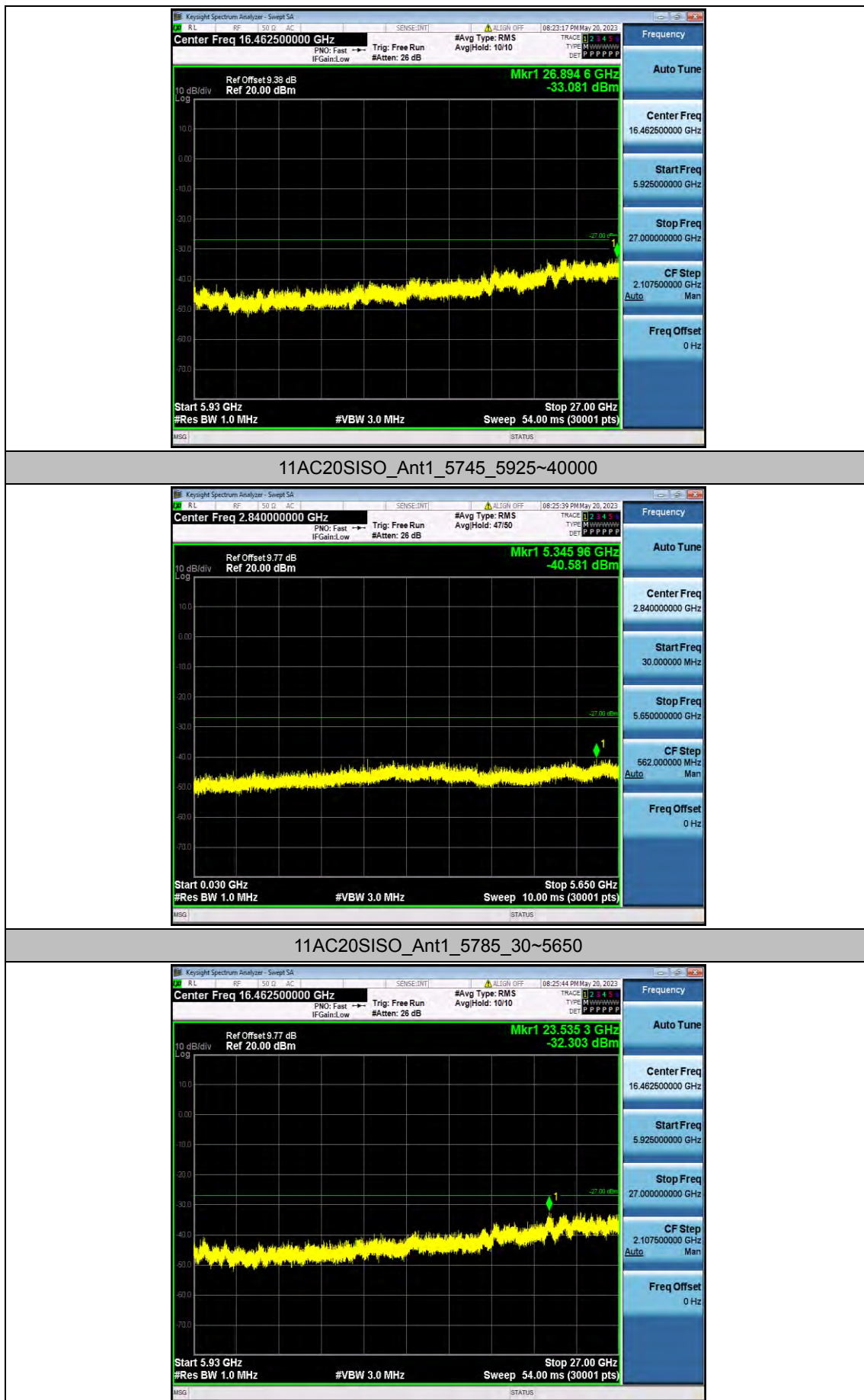
11N40SISO_Ant1_5795_30~5650



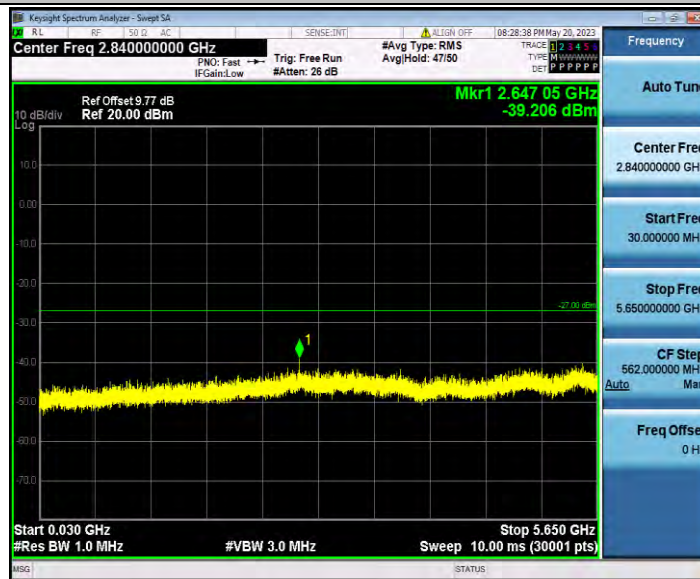
11N40SISO_Ant1_5795_5925~40000



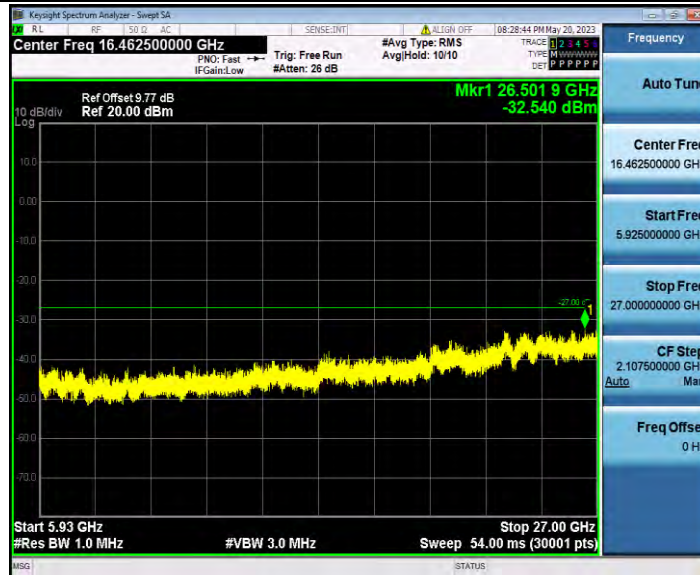
11AC20SISO_Ant1_5745_30~5650



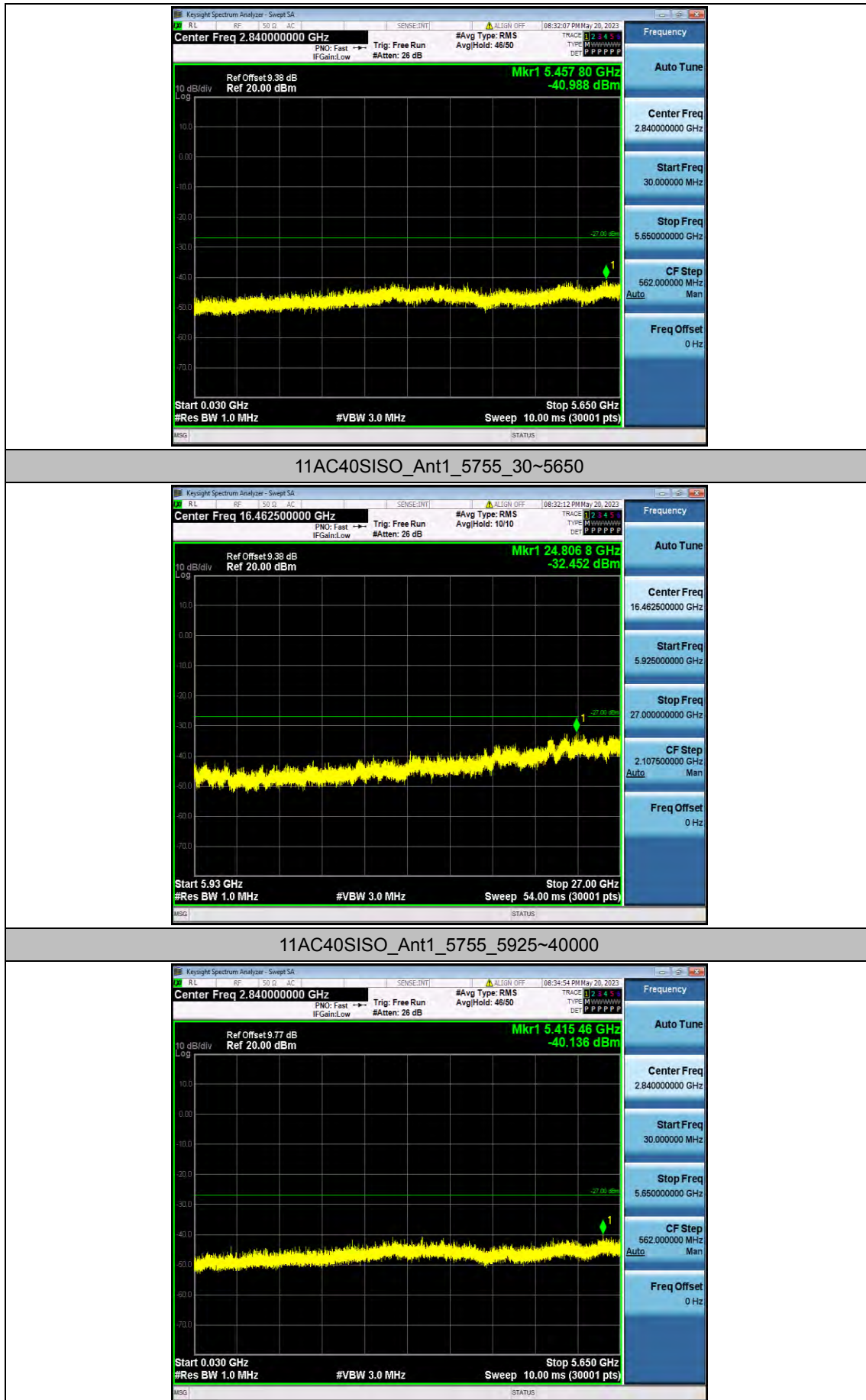
11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



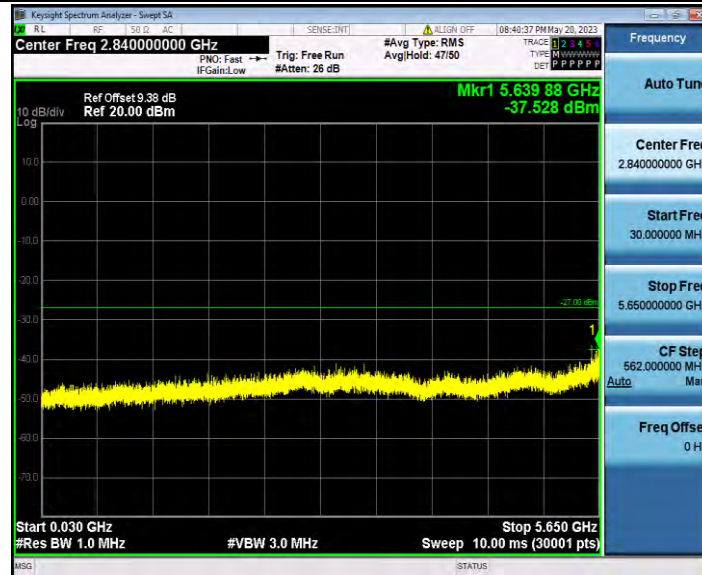
11AC20SISO_Ant1_5825_5925~40000



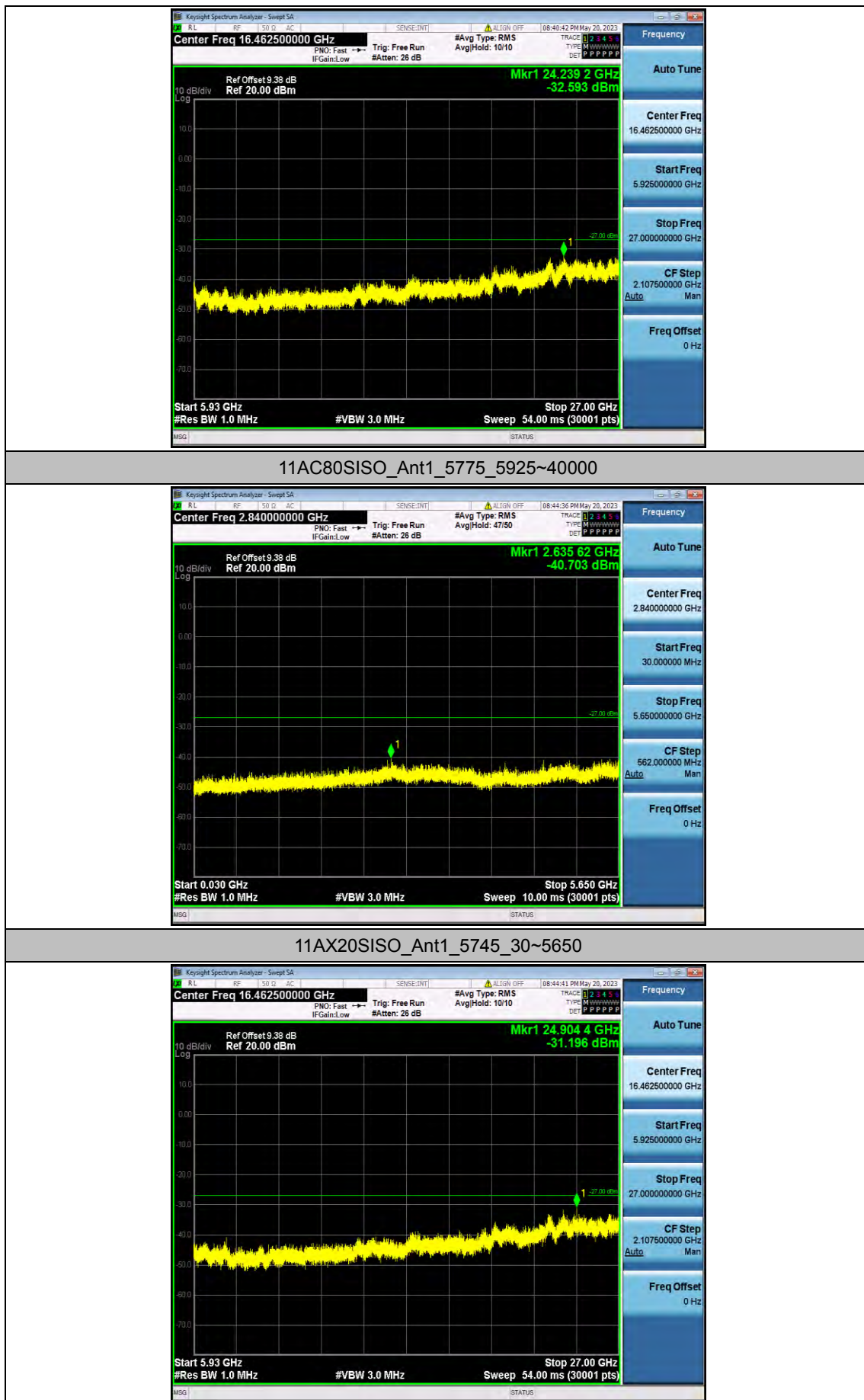
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



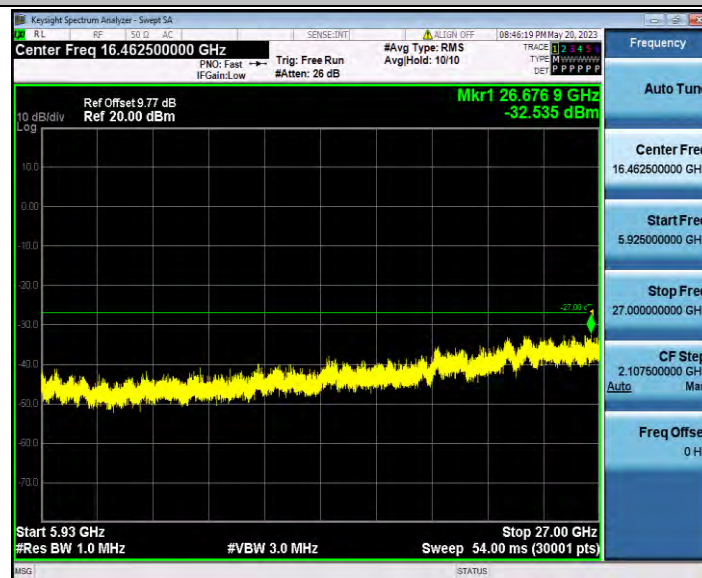
11AC80SISO_Ant1_5775_30~5650



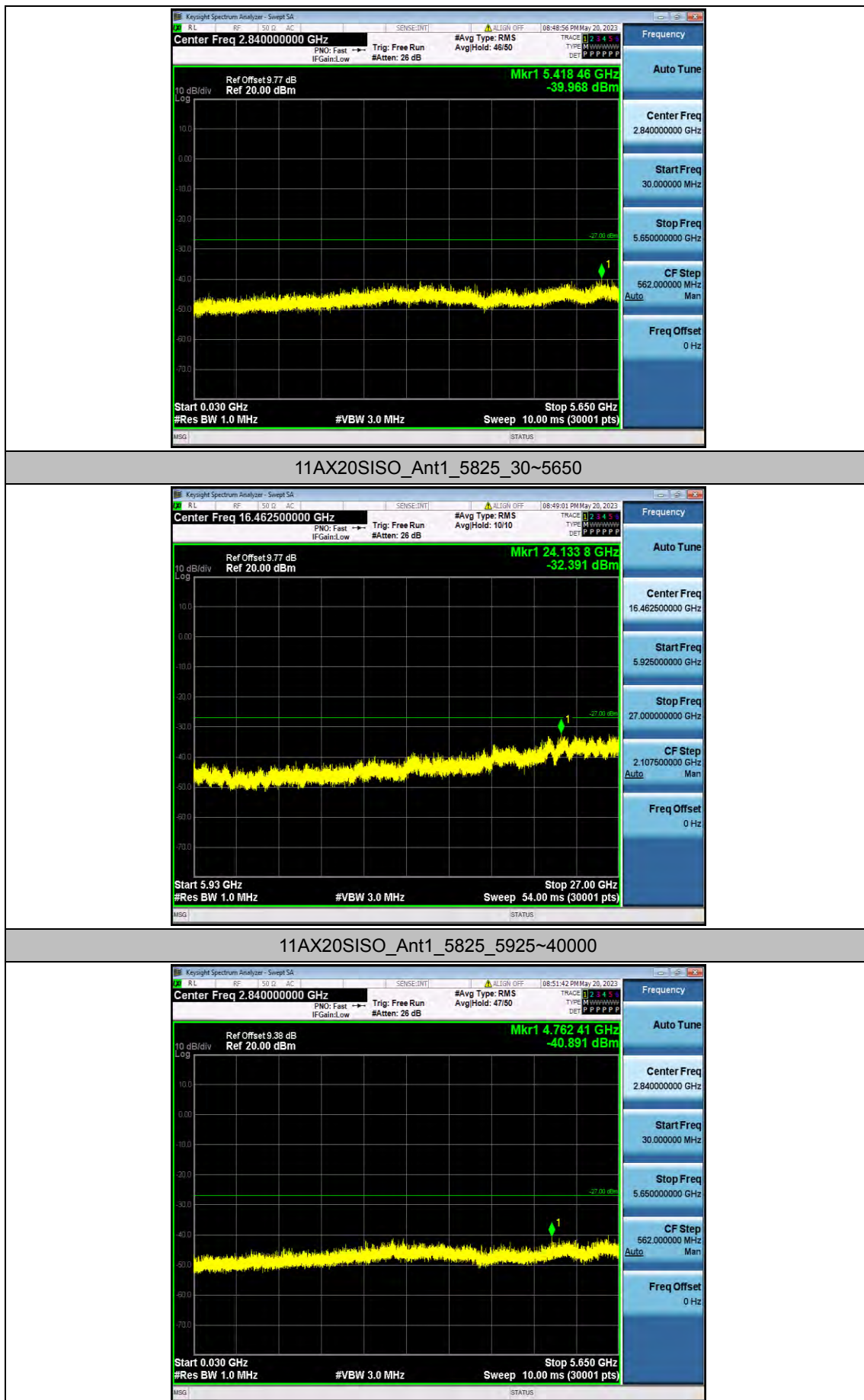
11AX20SISO_Ant1_5745_5925~40000



11AX20SISO_Ant1_5785_30~5650



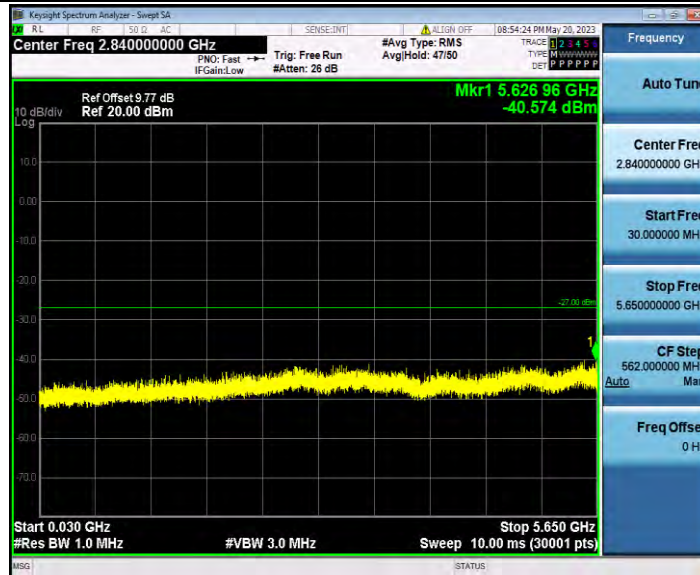
11AX20SISO_Ant1_5785_5925~40000



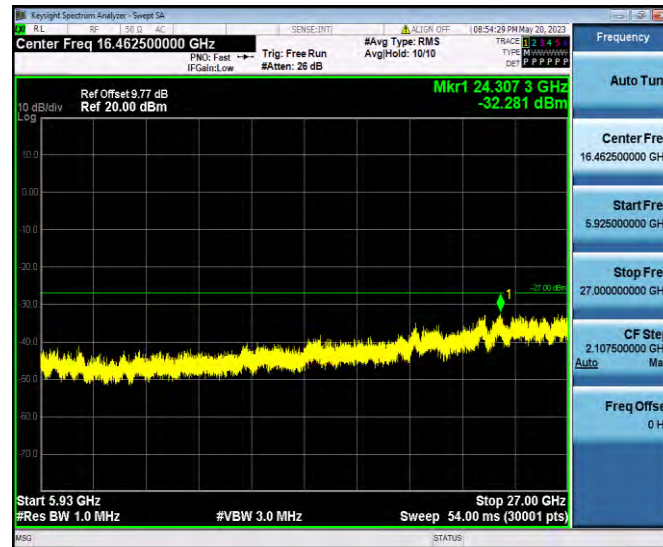
11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~40000



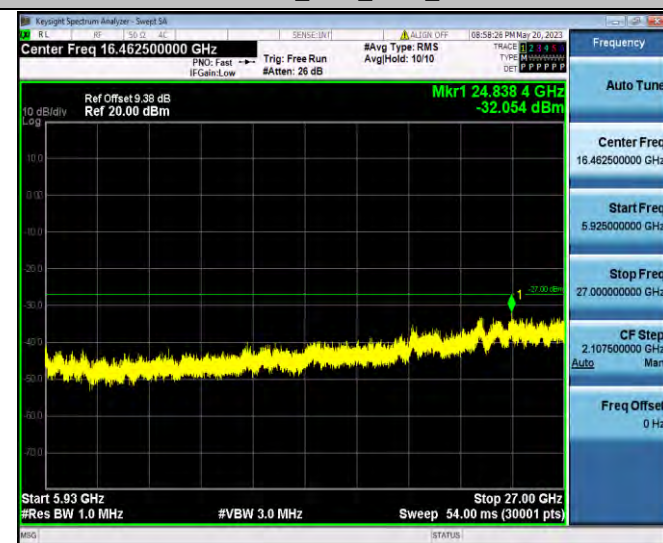
11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000