

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	Ant1	5745	10.19	95.85	0.18	10.37	≤30.00	PASS
		5785	10.89	95.87	0.18	11.07	≤30.00	PASS
		5825	10.89	95.85	0.18	11.07	≤30.00	PASS
11N20SISO	Ant1	5745	10.24	99.00	0.04	10.28	≤30.00	PASS
		5785	10.96	99.00	0.04	11.00	≤30.00	PASS
		5825	11.04	98.88	0.05	11.09	≤30.00	PASS
11N40SISO	Ant1	5755	10.38	98.88	0.05	10.43	≤30.00	PASS
		5795	11.22	99.00	0.04	11.26	≤30.00	PASS
11AC20SISO	Ant1	5745	10.28	98.88	0.05	10.33	≤30.00	PASS
		5785	10.91	98.88	0.05	10.96	≤30.00	PASS
		5825	11.11	99.00	0.04	11.15	≤30.00	PASS
11AC40SISO	Ant1	5755	10.36	98.88	0.05	10.41	≤30.00	PASS
		5795	11.21	98.88	0.05	11.26	≤30.00	PASS
11AC80SISO	Ant1	5775	11.03	98.88	0.05	11.08	≤30.00	PASS
11AX20SISO	Ant1	5745	10.06	98.88	0.05	10.11	≤30.00	PASS
		5785	10.79	98.88	0.05	10.84	≤30.00	PASS
		5825	10.96	99.00	0.04	11.00	≤30.00	PASS
11AX40SISO	Ant1	5755	10.00	98.88	0.05	10.05	≤30.00	PASS
		5795	10.93	98.88	0.05	10.98	≤30.00	PASS
11AX80SISO	Ant1	5775	10.61	98.88	0.05	10.66	≤30.00	PASS

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

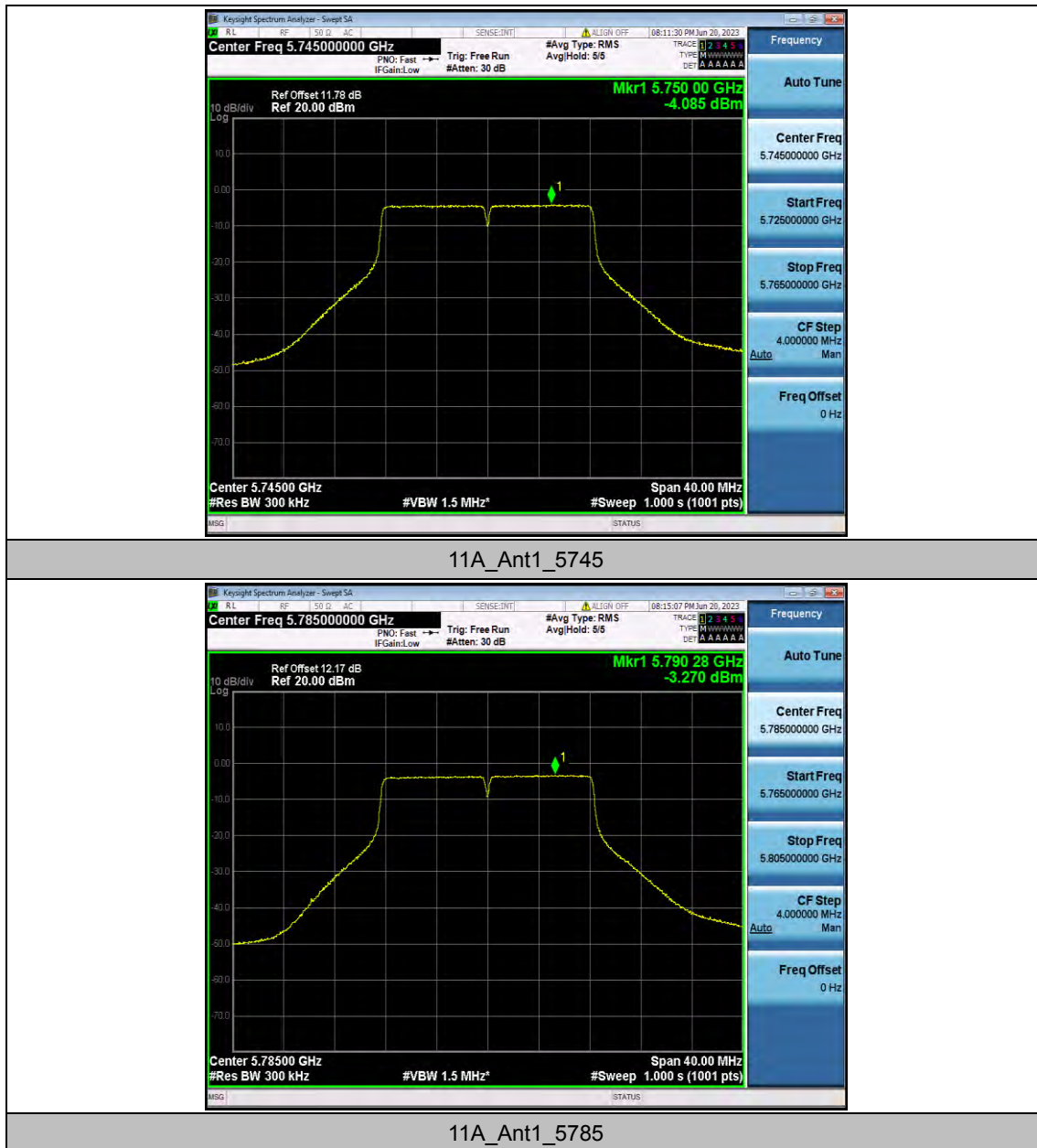
Appendix E.5: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-4.09	≤30.00	PASS
		5785	-3.27	≤30.00	PASS
		5825	-3.32	≤30.00	PASS
11N20SISO	Ant1	5745	-4.56	≤30.00	PASS
		5785	-3.67	≤30.00	PASS
		5825	-3.8	≤30.00	PASS
11N40SISO	Ant1	5755	-7.21	≤30.00	PASS
		5795	-6.38	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.56	≤30.00	PASS
		5785	-3.74	≤30.00	PASS
		5825	-3.61	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.21	≤30.00	PASS
		5795	-6.37	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.01	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.17	≤30.00	PASS
		5785	-4.36	≤30.00	PASS
		5825	-4.32	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.79	≤30.00	PASS
		5795	-6.93	≤30.00	PASS
11AX80SISO	Ant1	5775	-9.43	≤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





11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



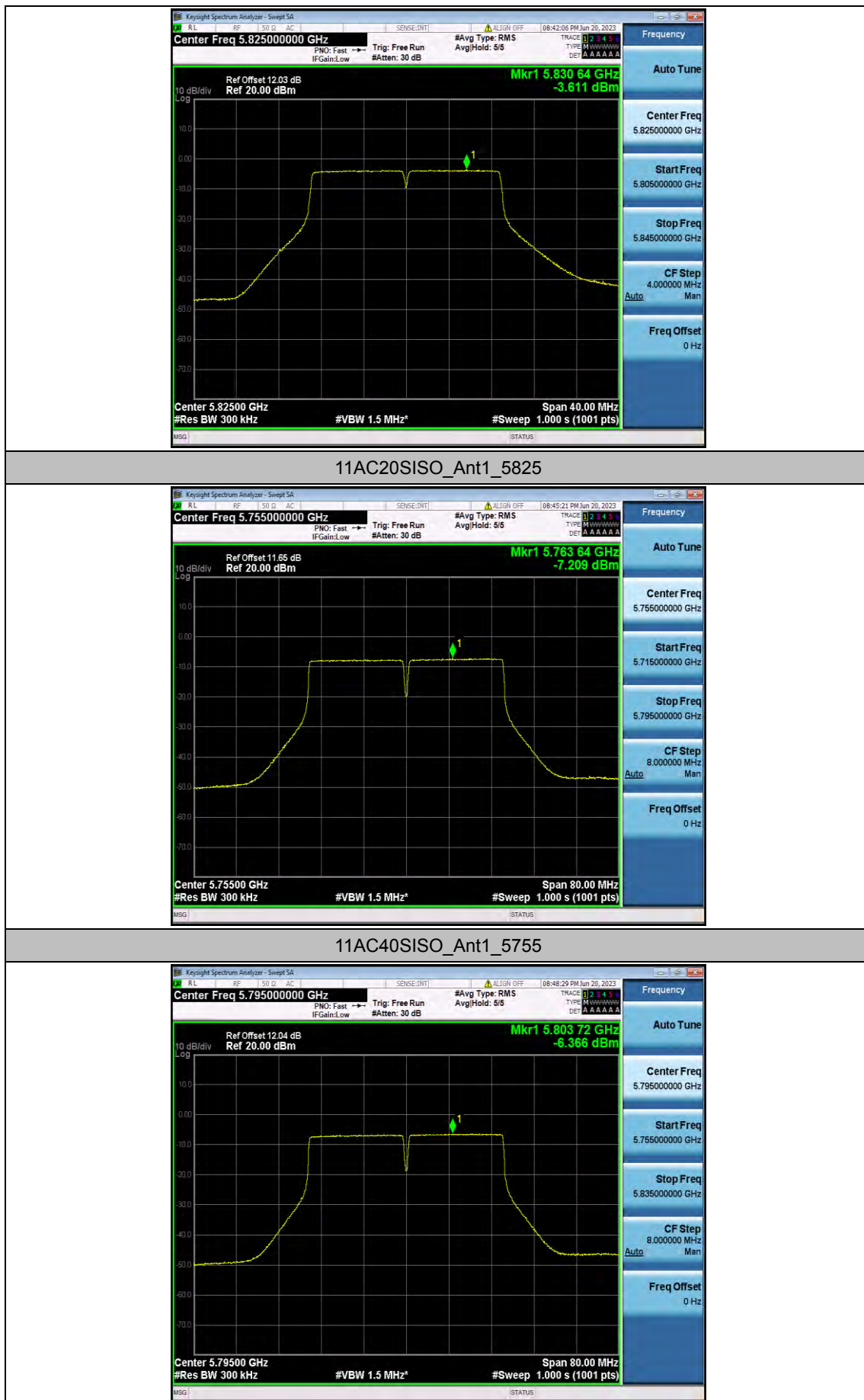
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20ISO_Ant1_5785



11AX20ISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

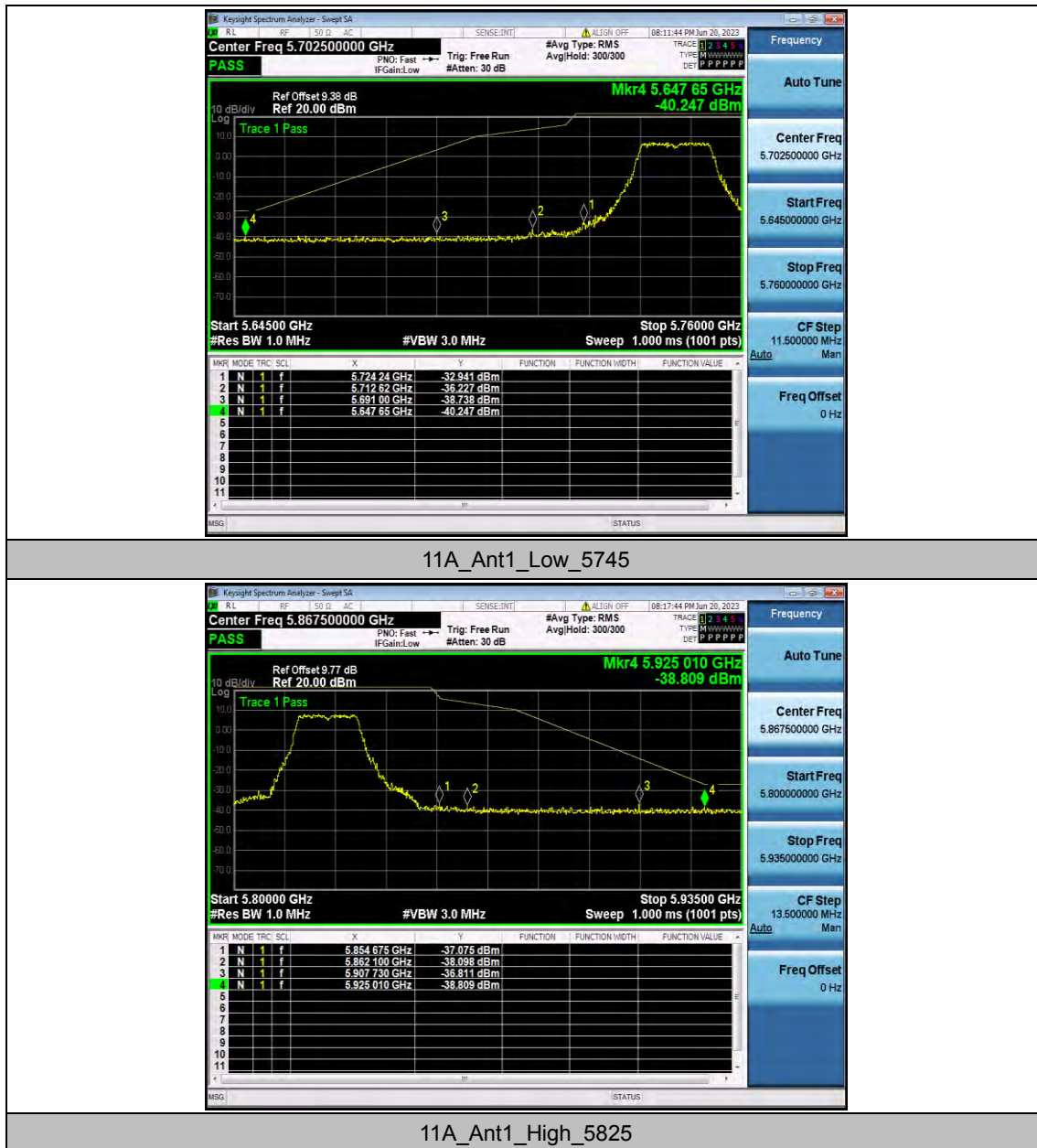
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.74	≤3.34	PASS
				5700~5720	-36.23	≤13.53	PASS
				5720~5725	-32.94	≤25.26	PASS
				5760~5650	-40.25	≤-27	PASS
		High	5825	5850~5855	-37.08	≤26.26	PASS
				5855~5875	-38.1	≤11.99	PASS
				5875~5925	-36.81	≤-2.78	PASS
				5925~5935	-38.81	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-39.26	≤-4.15	PASS
				5700~5720	-35.84	≤14.50	PASS
				5720~5725	-32.52	≤26.04	PASS
				5760~5650	-39.03	≤-27	PASS
		High	5825	5850~5855	-36.38	≤15.79	PASS
				5855~5875	-37.51	≤12.86	PASS
				5875~5925	-37.3	≤9.41	PASS
				5925~5935	-38	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-37.8	≤4.86	PASS
				5700~5720	-35.08	≤14.90	PASS
				5720~5725	-34.59	≤18.20	PASS
				5780~5650	-39.64	≤-27	PASS
		High	5795	5850~5855	-36.66	≤21.30	PASS
				5855~5875	-35.6	≤11.29	PASS
				5875~5925	-38.57	≤-19.47	PASS
				5925~5935	-38.73	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-38.19	≤9.72	PASS
				5700~5720	-37.32	≤15.53	PASS
				5720~5725	-30.43	≤26.83	PASS
				5760~5650	-39.56	≤-27	PASS
		High	5825	5850~5855	-35.06	≤17.03	PASS
				5855~5875	-36.39	≤11.91	PASS
				5875~5925	-37.92	≤-6.38	PASS
				5925~5935	-38.68	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-38.21	≤6.96	PASS
				5700~5720	-35.28	≤15.31	PASS
				5720~5725	-32.68	≤24.36	PASS
				5780~5650	-40.33	≤-27	PASS

		High	5795	5850~5855	-36.63	≤ 18.29	PASS
				5855~5875	-36.57	≤ 12.07	PASS
				5875~5925	-38.96	≤ -18.99	PASS
				5925~5935	-38.88	≤ -27	PASS
11AC80SI SO	Ant1	Low	5775	5650~5700	-36.54	≤ -2.48	PASS
				5700~5720	-34.94	≤ 15.17	PASS
				5720~5725	-33.55	≤ 26.25	PASS
				5800~5650	-37.94	≤ -27	PASS
		High	5775	5850~5855	-35.3	≤ 22.96	PASS
				5855~5875	-35.3	≤ 11.21	PASS
				5875~5925	-37.3	≤ -23.67	PASS
				5925~5935	-39.24	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.76	≤ -25.93	PASS
				5700~5720	-36.9	≤ 14.69	PASS
				5720~5725	-33.15	≤ 20.01	PASS
				5760~5650	-40.21	≤ -27	PASS
		High	5825	5850~5855	-34.26	≤ 20.72	PASS
				5855~5875	-37.57	≤ 12.52	PASS
				5875~5925	-37.95	≤ 2.81	PASS
				5925~5935	-39.02	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.5	≤ 1.57	PASS
				5700~5720	-37.2	≤ 13.84	PASS
				5720~5725	-37.31	≤ 21.58	PASS
				5780~5650	-40.4	≤ -27	PASS
		High	5795	5850~5855	-37.93	≤ 19.80	PASS
				5855~5875	-36.01	≤ 10.50	PASS
				5875~5925	-37.88	≤ 1.16	PASS
				5925~5935	-38.87	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-37.86	≤ 8.53	PASS
				5700~5720	-35.47	≤ 15.48	PASS
				5720~5725	-34.09	≤ 26.95	PASS
				5800~5650	-39.05	≤ -27	PASS
		High	5775	5850~5855	-35.37	≤ 21.28	PASS
				5855~5875	-35.14	≤ 10.02	PASS
				5875~5925	-38.3	≤ -25.86	PASS
				5925~5935	-39.58	≤ -27	PASS

Test Graphs B4

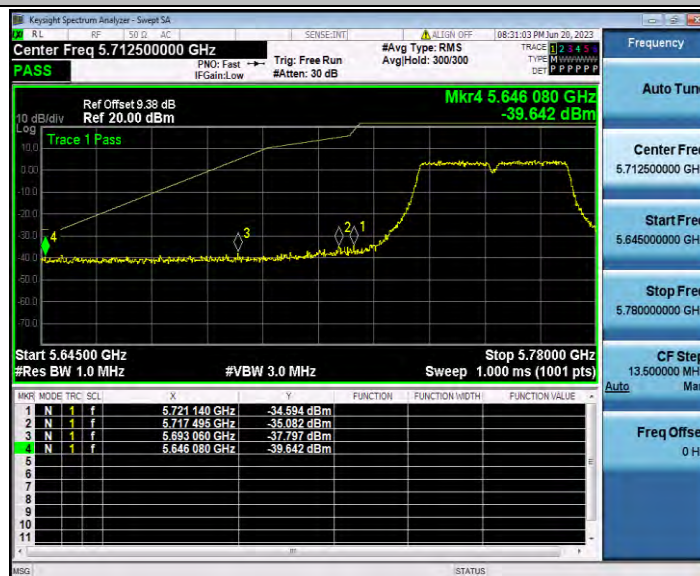




11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



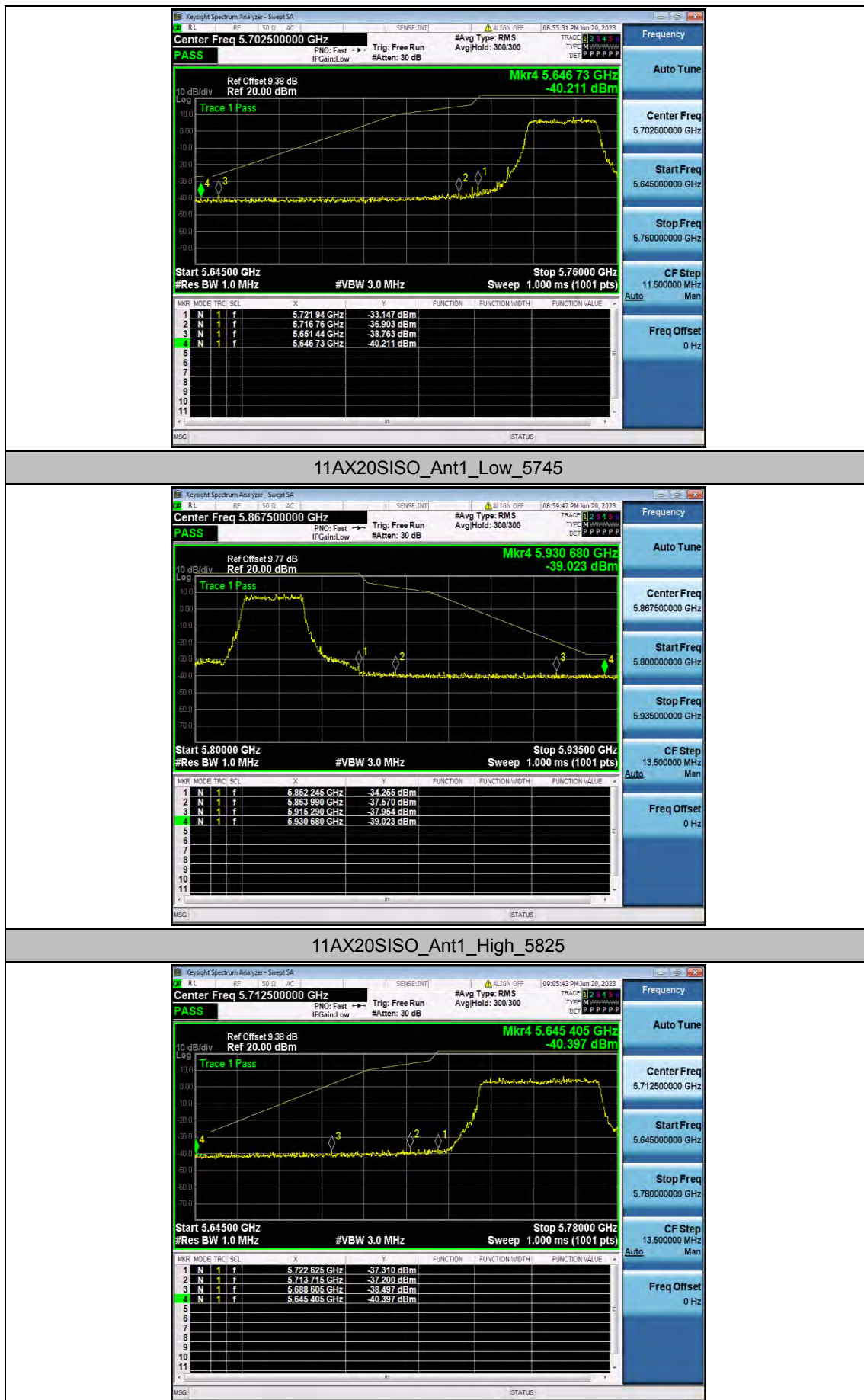
11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



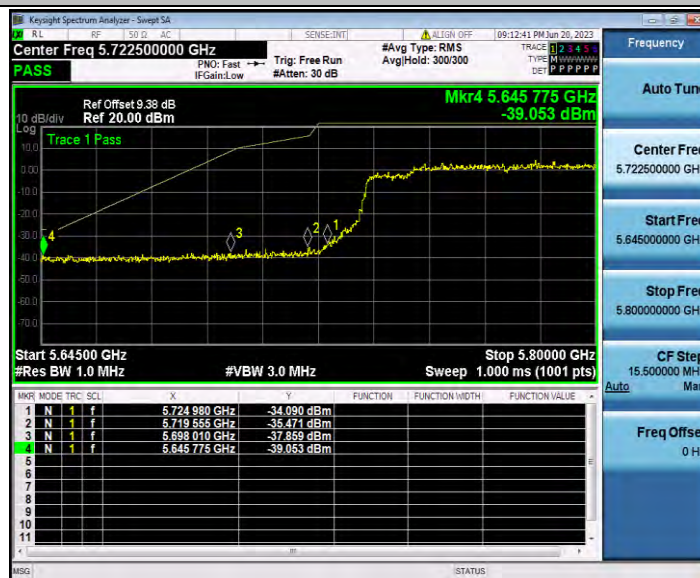
11AC80SISO_Ant1_High_5775



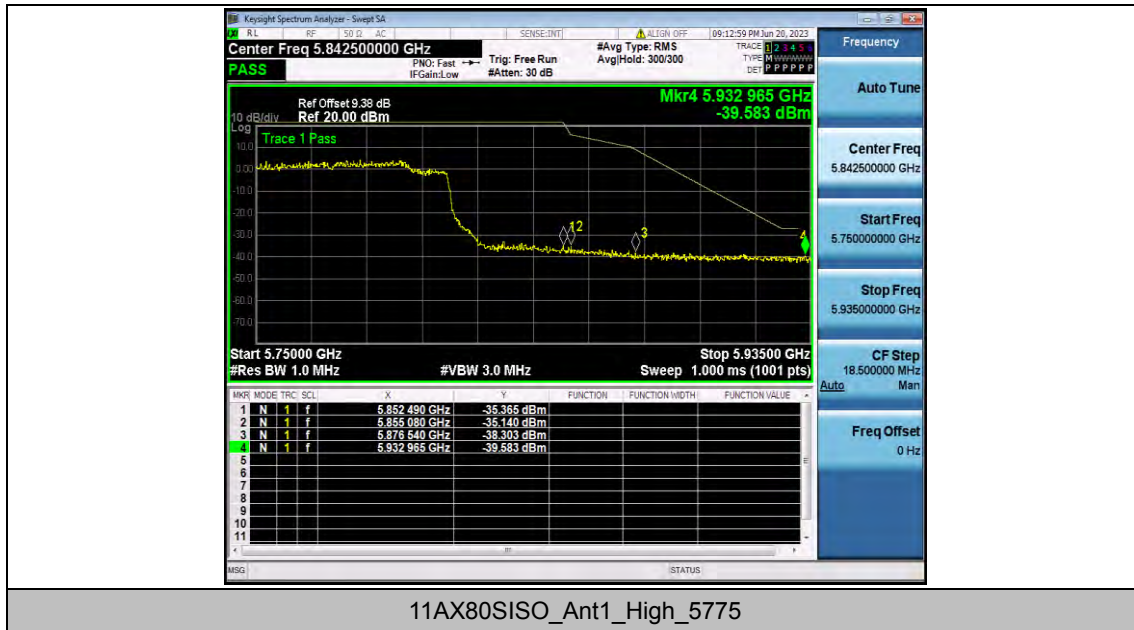
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80ISO_Ant1_High_5775

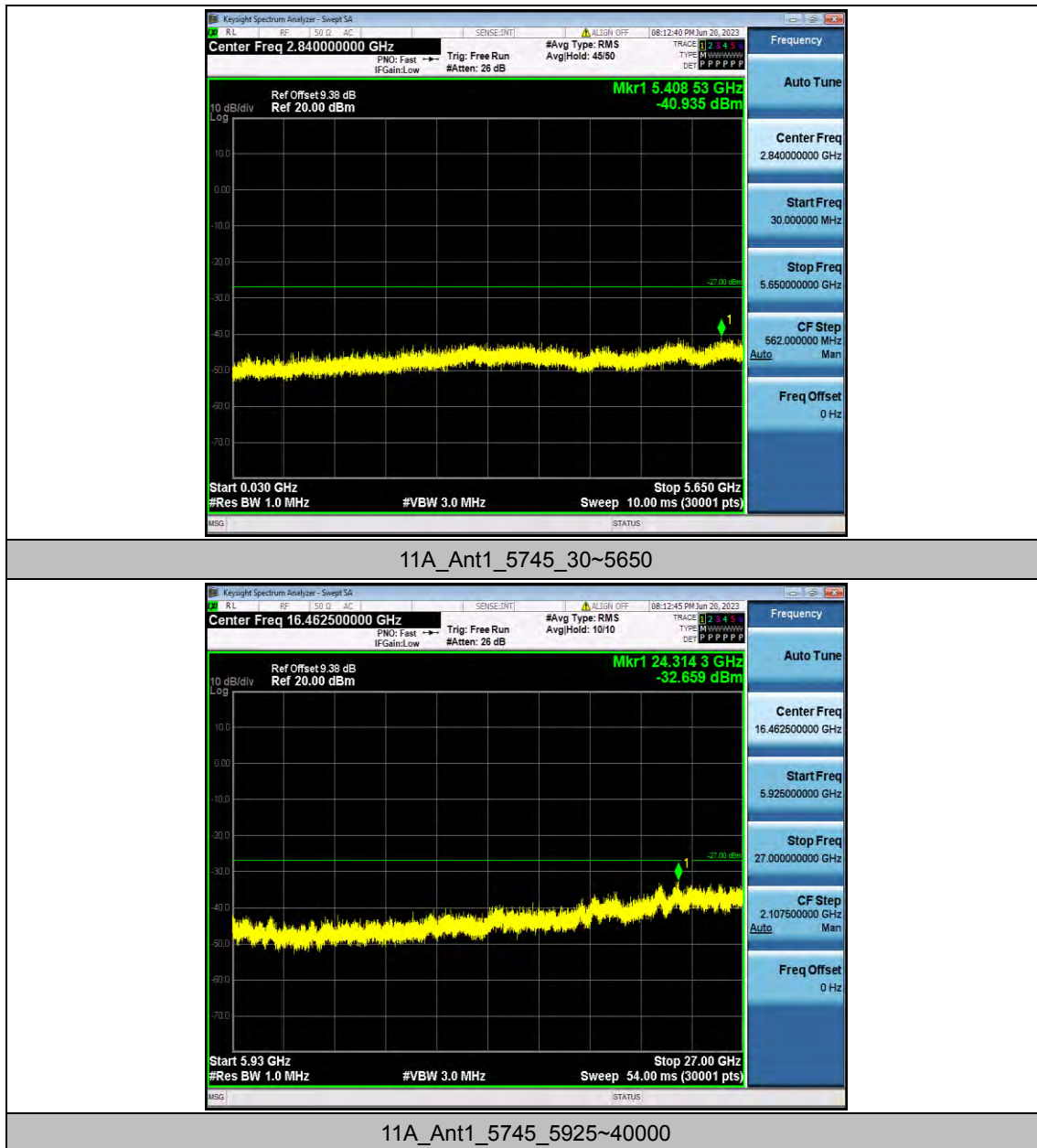
Appendix E.7: Conducted Spurious Emission

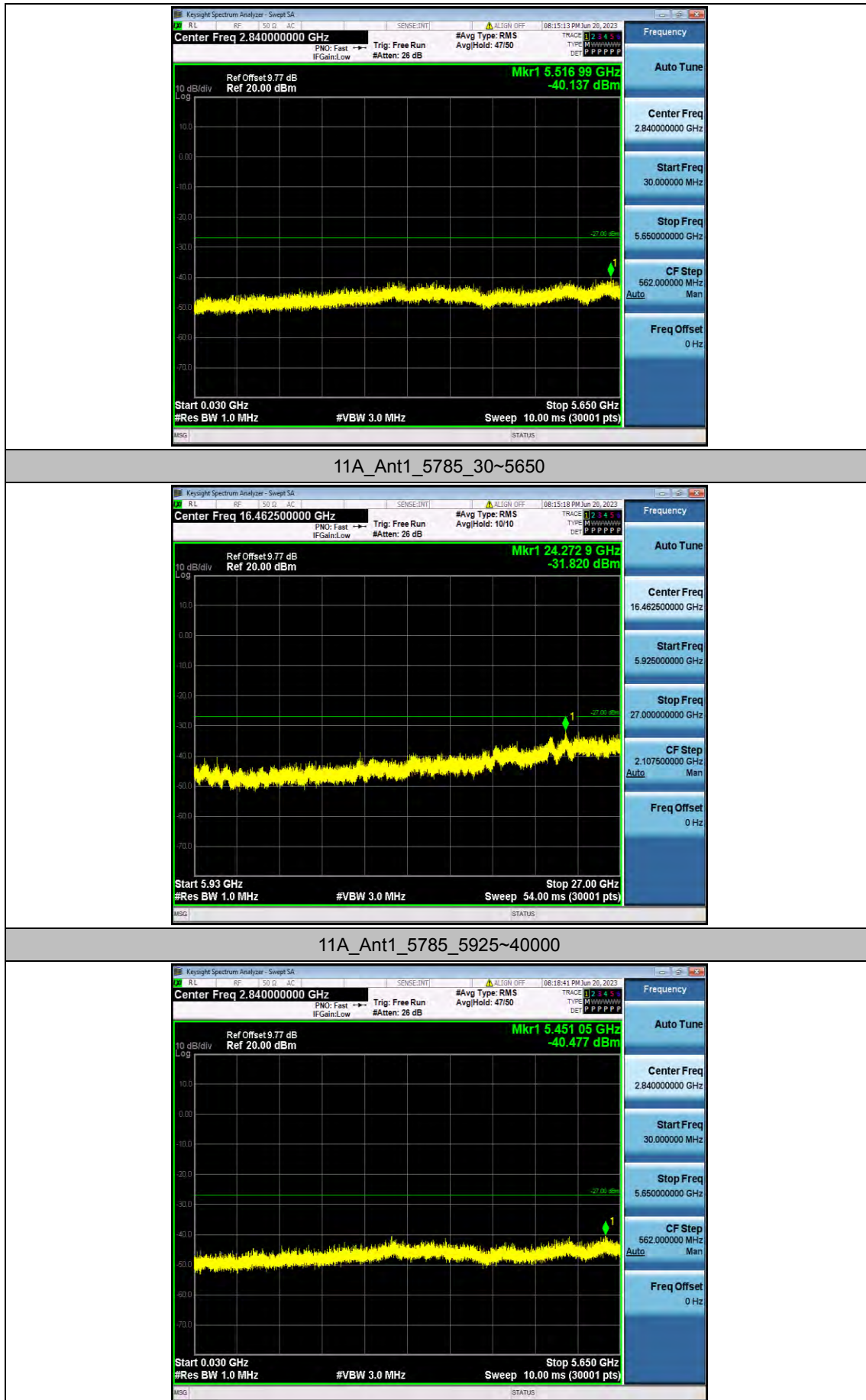
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5408.53	-40.94	≤-27	PASS
			5925~40000	24314.34	-32.66	≤-27	PASS
		5785	30~5650	5516.99	-40.14	≤-27	PASS
			5925~40000	24272.9	-31.82	≤-27	PASS
		5825	30~5650	5451.05	-40.48	≤-27	PASS
			5925~40000	24982.42	-32.03	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	3031.83	-40.96	≤-27	PASS
			5925~40000	25569.01	-32.44	≤-27	PASS
		5785	30~5650	4784.33	-39.55	≤-27	PASS
			5925~40000	24253.93	-32.63	≤-27	PASS
		5825	30~5650	4923.33	-39.99	≤-27	PASS
			5925~40000	26718.3	-31.41	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4938.88	-40.36	≤-27	PASS
			5925~40000	24303.81	-32.99	≤-27	PASS
		5795	30~5650	5442.06	-40	≤-27	PASS
			5925~40000	24290.46	-32.23	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5015.31	-40.68	≤-27	PASS
			5925~40000	26645.94	-32.77	≤-27	PASS
		5785	30~5650	5487.02	-39.99	≤-27	PASS
			5925~40000	26941.69	-32.08	≤-27	PASS
		5825	30~5650	5496.95	-40.58	≤-27	PASS
			5925~40000	25050.56	-32.97	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5501.07	-41.39	≤-27	PASS
			5925~40000	25076.56	-31.12	≤-27	PASS
		5795	30~5650	5447.12	-40.89	≤-27	PASS
			5925~40000	26704.95	-32.66	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	4921.09	-40.77	≤-27	PASS
			5925~40000	24229.34	-32.8	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5467.72	-39.97	≤-27	PASS
			5925~40000	26863.01	-32.79	≤-27	PASS
		5785	30~5650	5426.51	-40.08	≤-27	PASS
			5925~40000	24707.04	-32.28	≤-27	PASS
		5825	30~5650	4894.67	-39.64	≤-27	PASS
			5925~40000	26140.84	-32.53	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5362.26	-41.14	≤-27	PASS
			5925~40000	25195.98	-32.6	≤-27	PASS

		5795	30~5650	5423.89	-40.18	≤-27	PASS
			5925~40000	23574.61	-31.92	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	3062.55	-40.74	≤-27	PASS
			5925~40000	24244.8	-32	≤-27	PASS

Test Graphs





11A_Ant1_5825_30~5650



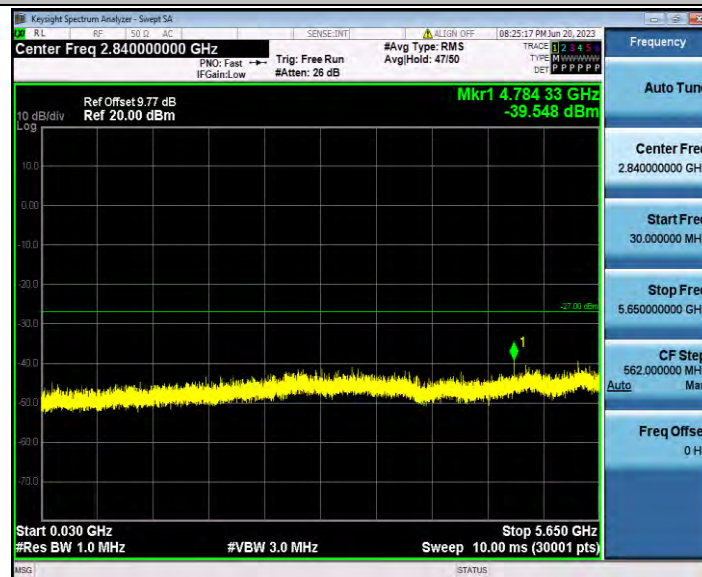
11A_Ant1_5825_5925~40000



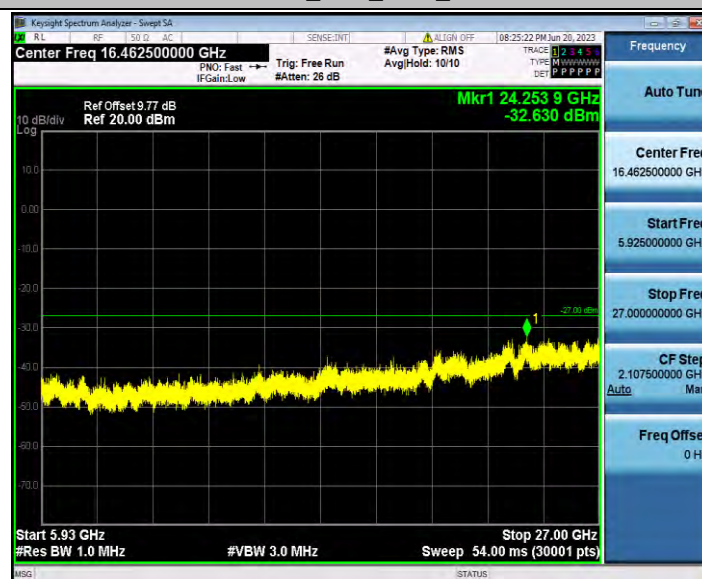
11N20SISO_Ant1_5745_30~5650



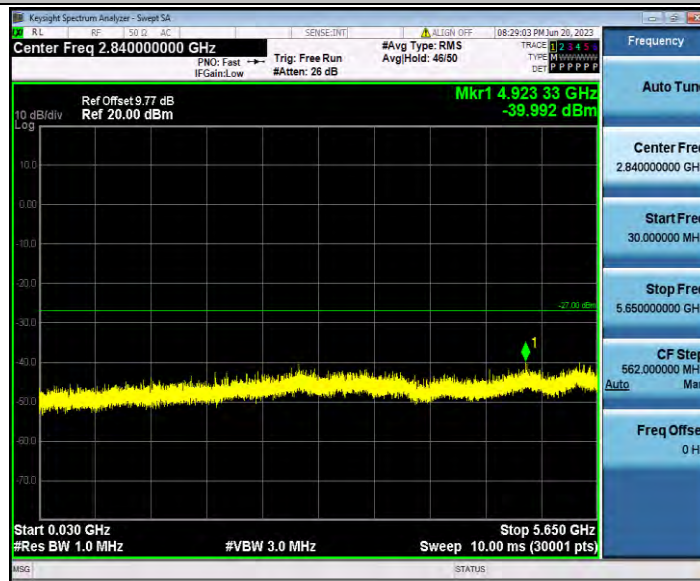
11N20SISO_Ant1_5745_5925-40000



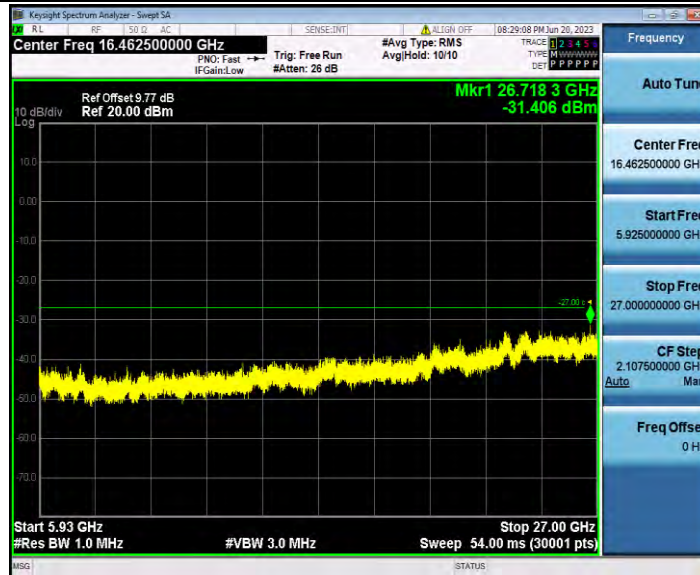
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



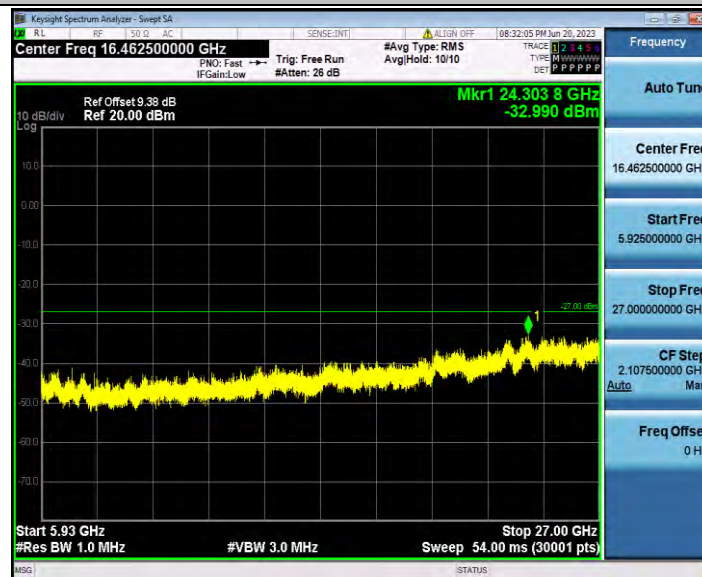
11N20SISO_Ant1_5825_30~5650



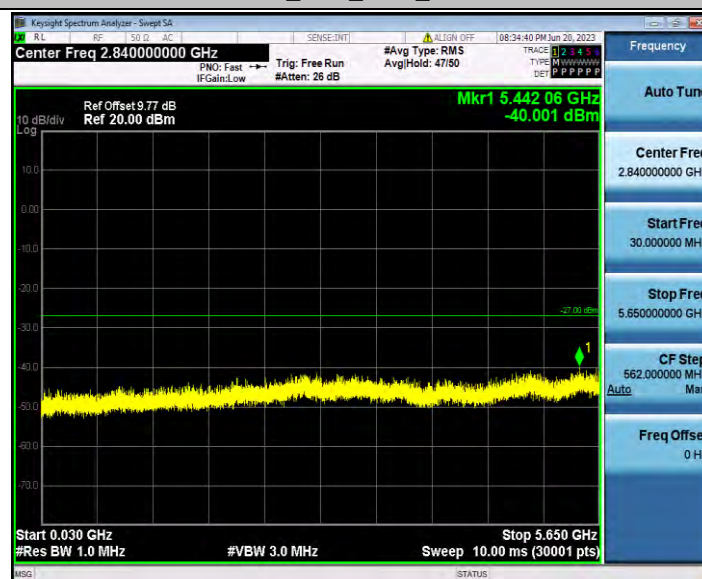
11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



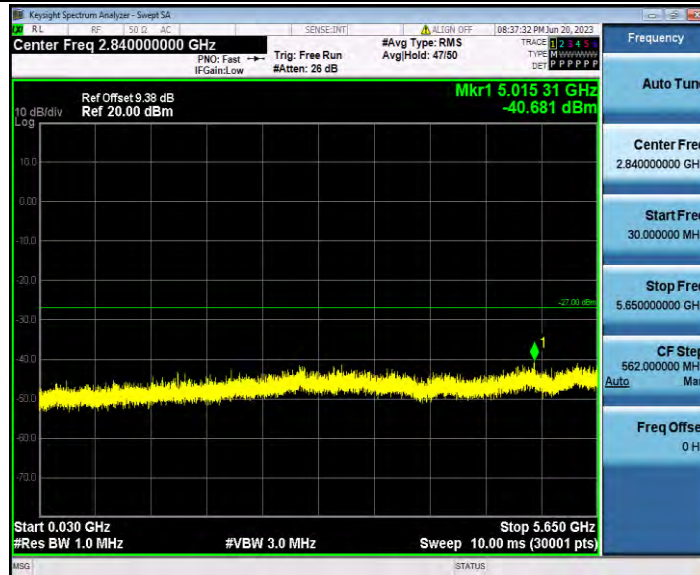
11N40SISO_Ant1_5755_5925~40000



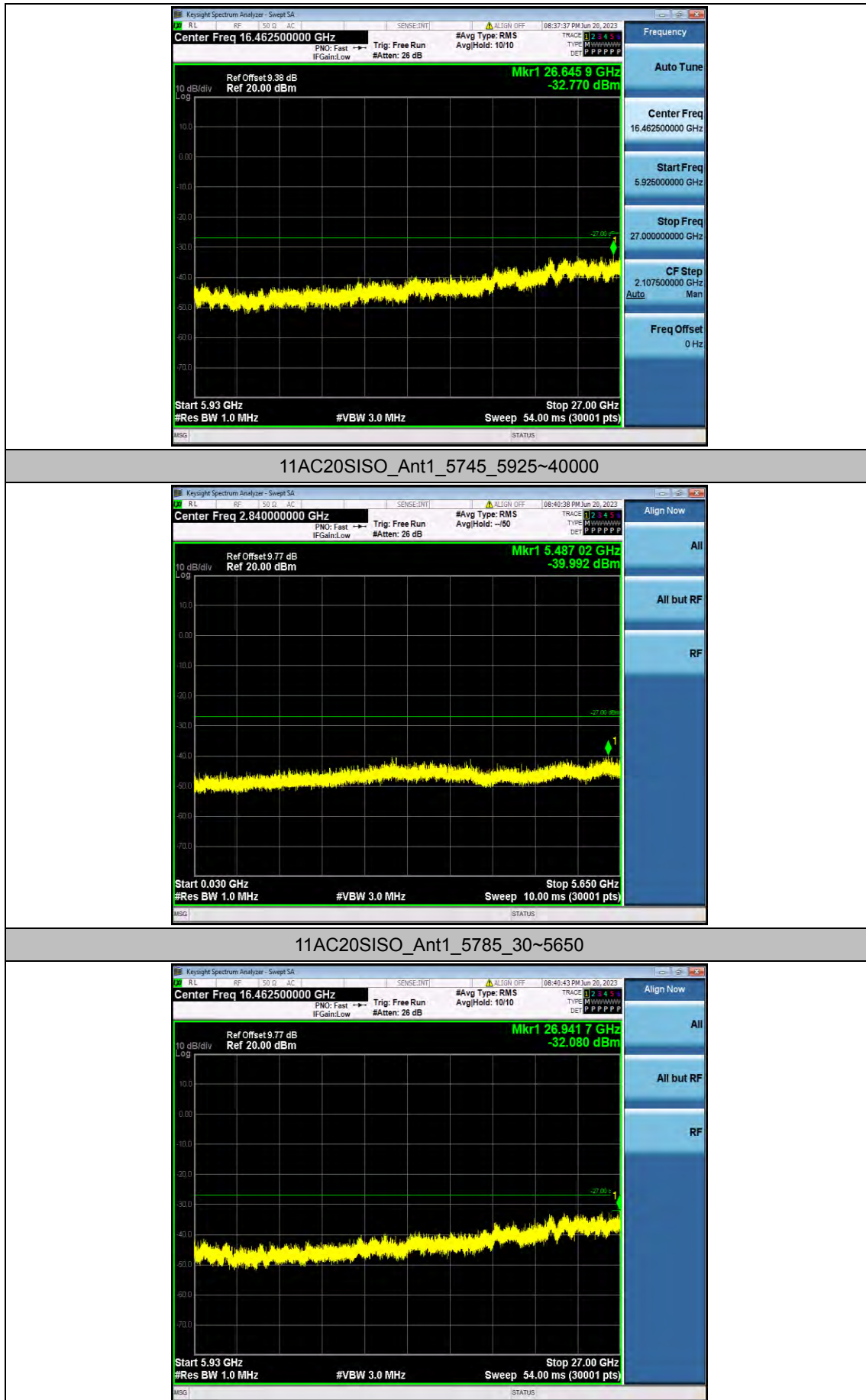
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5785_5925~40000



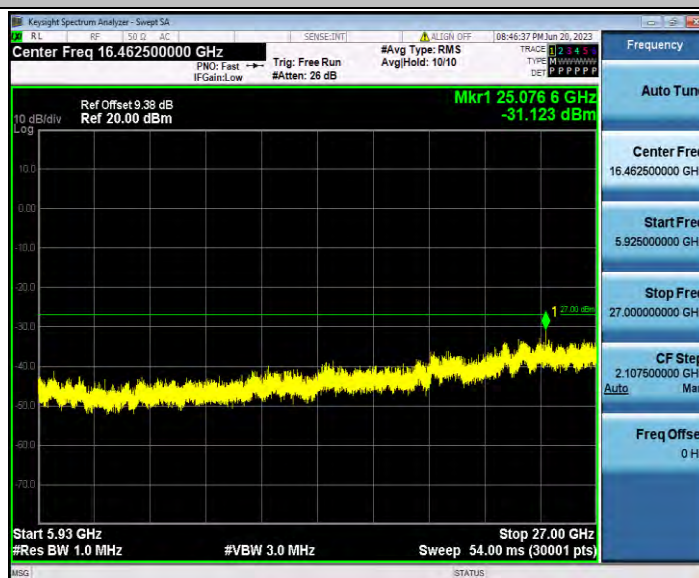
11AC20SISO_Ant1_5825_30~5650



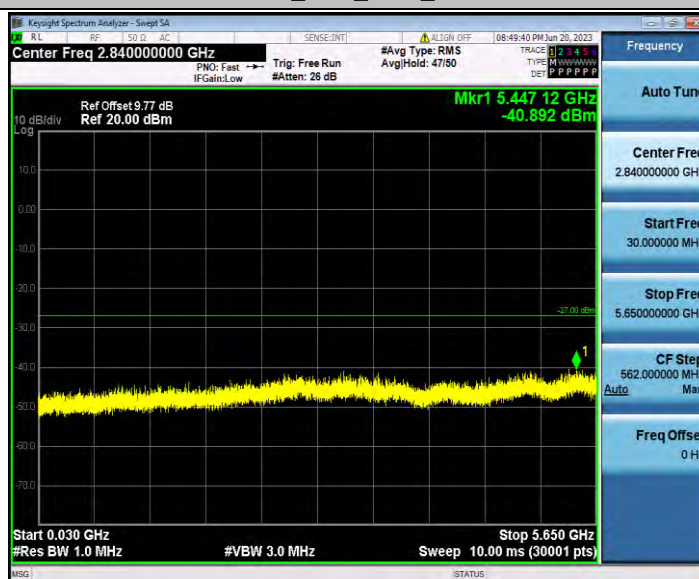
11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



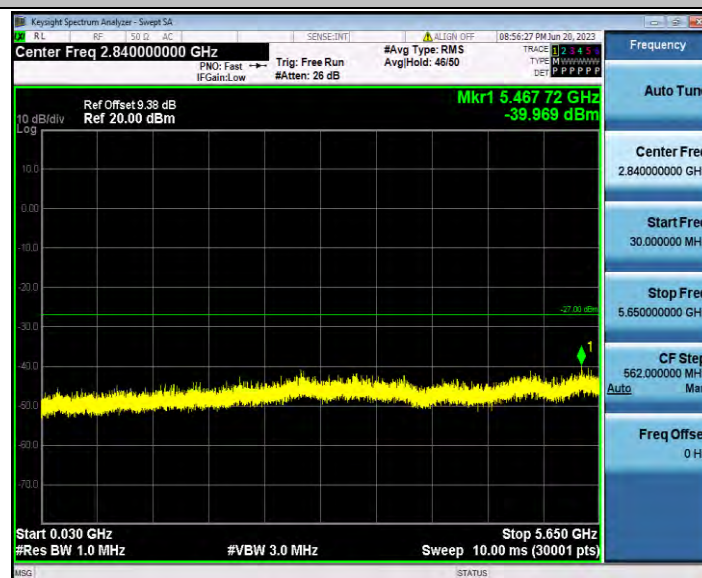
11AC40SISO_Ant1_5795_5925~40000



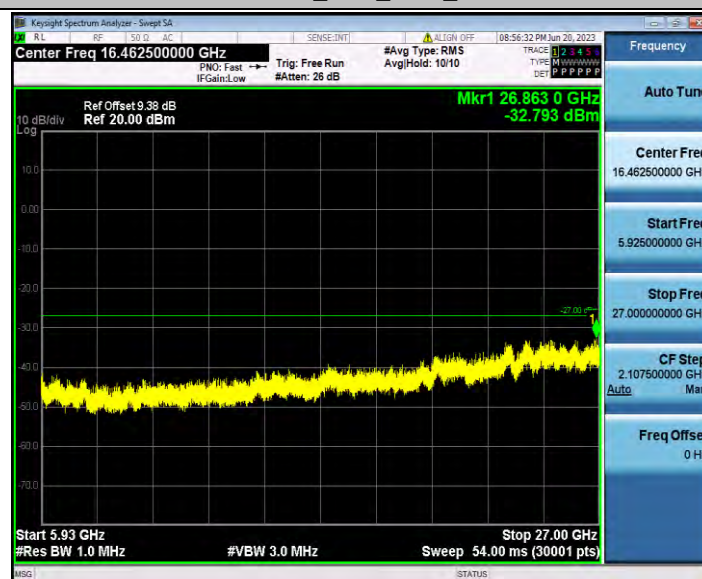
11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000



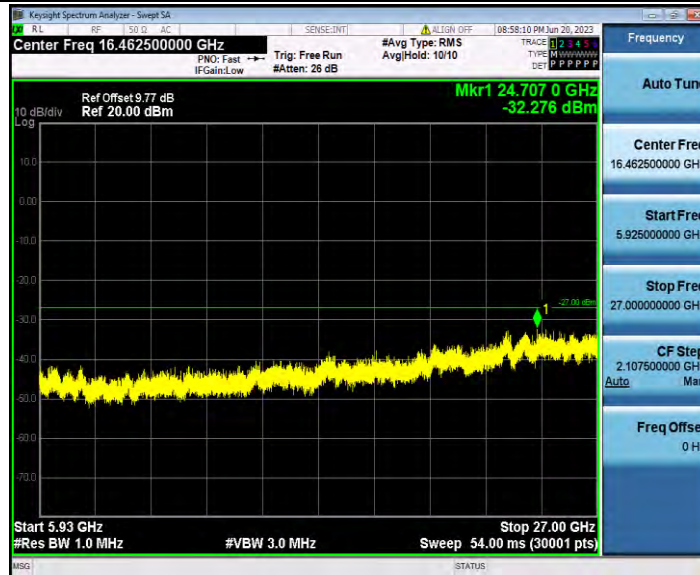
11AX20SISO_Ant1_5745_30~5650



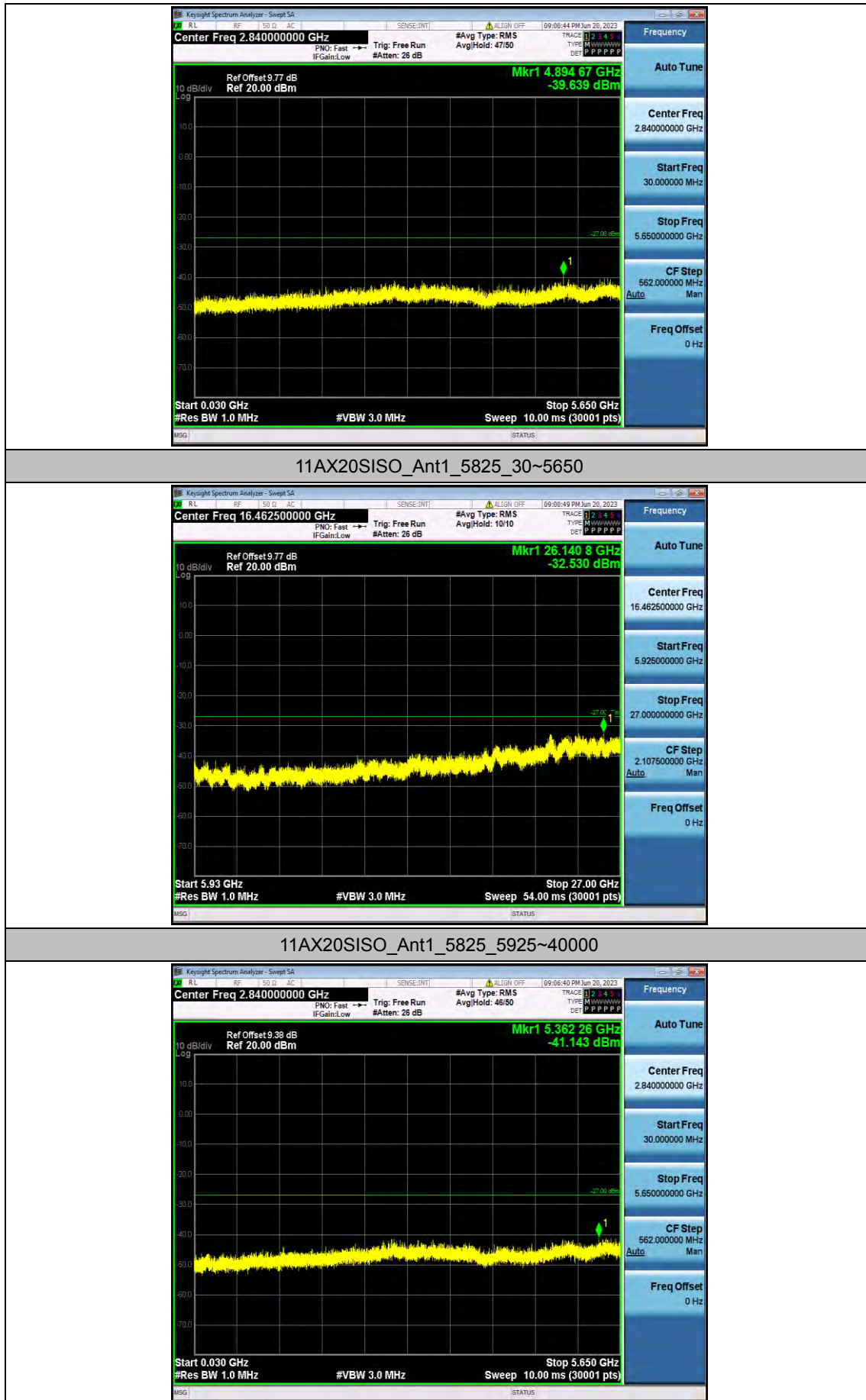
11AX20SISO_Ant1_5745_5925~40000



11AX20SISO_Ant1_5785_30~5650



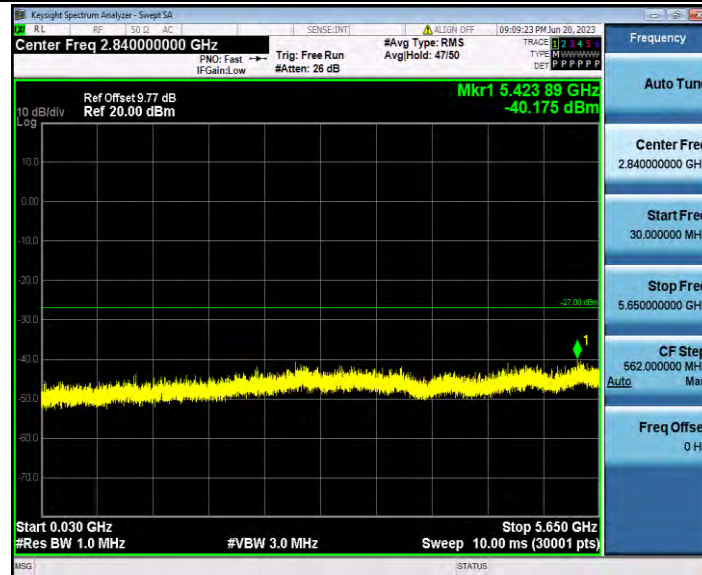
11AX20SISO_Ant1_5785_5925~40000



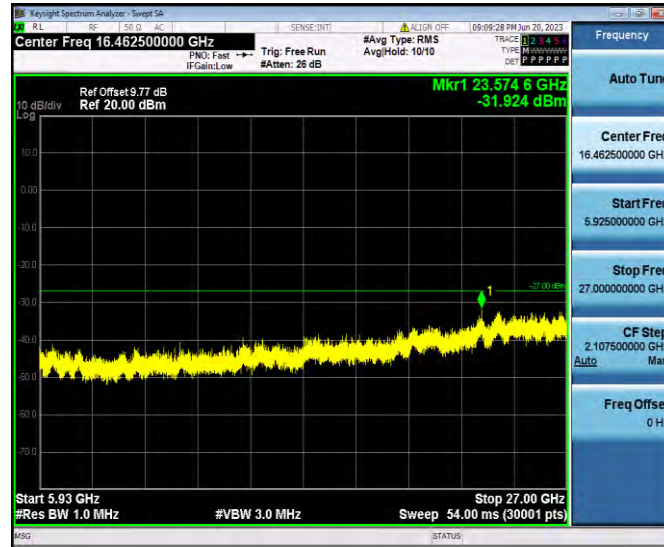
11AX40SISO_Ant1_5755_30~5650



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