

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	10.96	96.53	0.15	11.11	≤30.00	PASS
		5785	11.46	95.86	0.18	11.64	≤30.00	PASS
		5825	11.12	95.86	0.18	11.30	≤30.00	PASS
11N20SISO	Ant0	5745	11.09	96.53	0.15	11.24	≤30.00	PASS
		5785	11.65	95.86	0.18	11.83	≤30.00	PASS
		5825	11.31	95.86	0.18	11.49	≤30.00	PASS
11N40SISO	Ant0	5755	9.89	92.86	0.32	10.21	≤30.00	PASS
		5795	10.02	92.86	0.32	10.34	≤30.00	PASS
11AC20SISO	Ant0	5745	10.03	95.62	0.19	10.22	≤30.00	PASS
		5785	10.38	95.62	0.19	10.57	≤30.00	PASS
		5825	9.89	96.32	0.16	10.05	≤30.00	PASS
11AC40SISO	Ant0	5755	9.64	92.86	0.32	9.96	≤30.00	PASS
		5795	10.10	91.55	0.38	10.48	≤30.00	PASS
11AC80SISO	Ant0	5775	10.27	86.49	0.63	10.90	≤30.00	PASS
11AX20SISO	Ant0	5745	10.12	95.62	0.19	10.31	≤30.00	PASS
		5785	10.35	96.32	0.16	10.51	≤30.00	PASS
		5825	9.86	95.59	0.20	10.06	≤30.00	PASS
11AX40SISO	Ant0	5755	9.64	92.86	0.32	9.96	≤30.00	PASS
		5795	10.08	92.96	0.32	10.40	≤30.00	PASS
11AX80SISO	Ant0	5775	10.43	86.84	0.61	11.04	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-2.23	≤30.00	PASS
		5785	-1.60	≤30.00	PASS
		5825	-2.17	≤30.00	PASS
11N20SISO	Ant0	5745	-1.80	≤30.00	PASS
		5785	-1.41	≤30.00	PASS
		5825	-1.98	≤30.00	PASS
11N40SISO	Ant0	5755	-6.30	≤30.00	PASS
		5795	-6.16	≤30.00	PASS
11AC20SISO	Ant0	5745	-3.26	≤30.00	PASS
		5785	-3.05	≤30.00	PASS
		5825	-3.48	≤30.00	PASS
11AC40SISO	Ant0	5755	-6.61	≤30.00	PASS
		5795	-5.95	≤30.00	PASS
11AC80SISO	Ant0	5775	-8.36	≤30.00	PASS
11AX20SISO	Ant0	5745	-3.26	≤30.00	PASS
		5785	-3.03	≤30.00	PASS
		5825	-3.34	≤30.00	PASS
11AX40SISO	Ant0	5755	-6.54	≤30.00	PASS
		5795	-6.01	≤30.00	PASS
11AX80SISO	Ant0	5775	-8.36	≤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_Ant0_5745



11A_Ant0_5785



11A_Ant0_5825



11N20SISO_Ant0_5745



11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



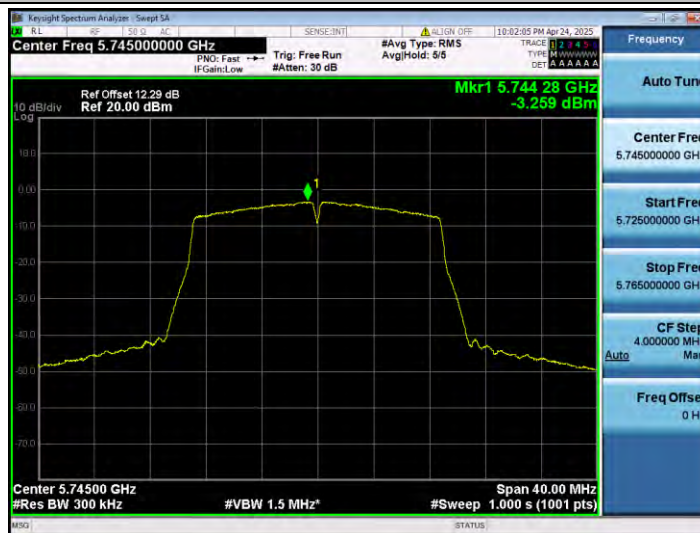
11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



11AC20SISO_Ant0_5785



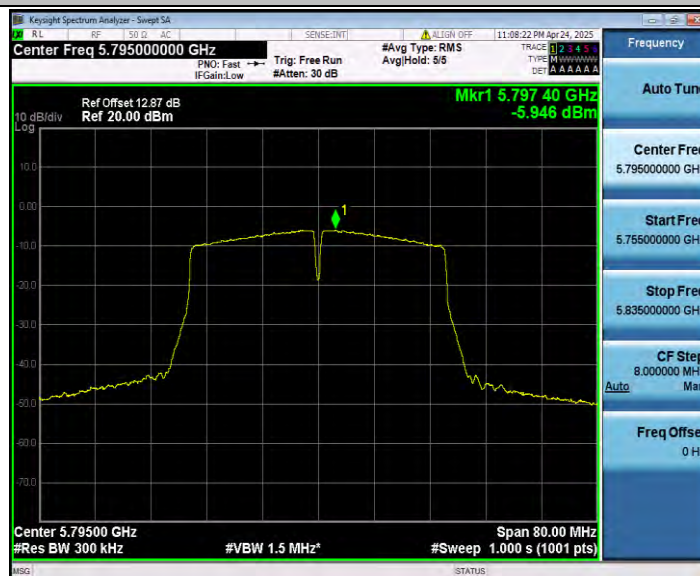
11AC20SISO_Ant0_5825



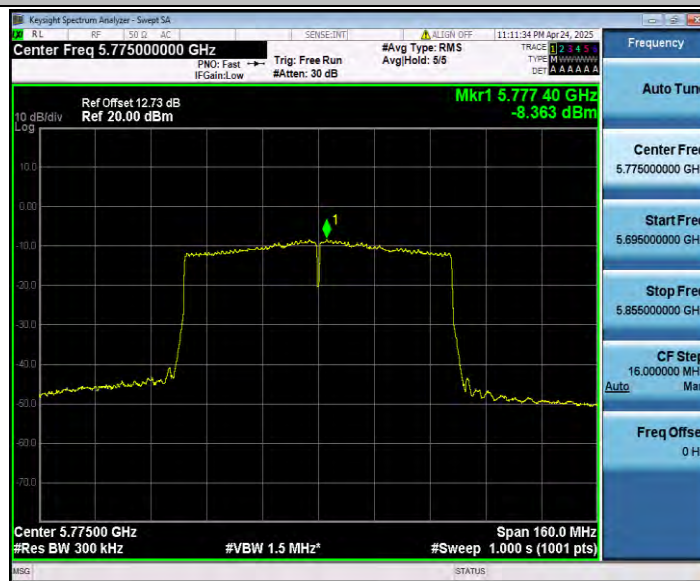
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



11AX20SISO_Ant0_5745



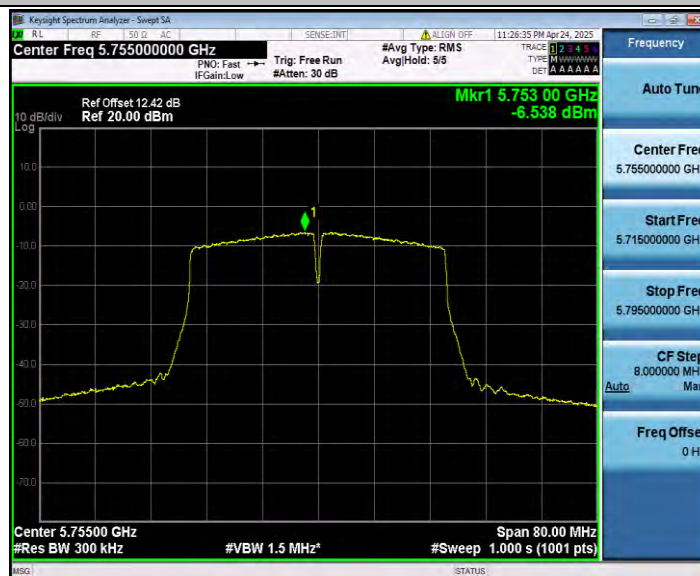
11AX20SISO_Ant0_5785



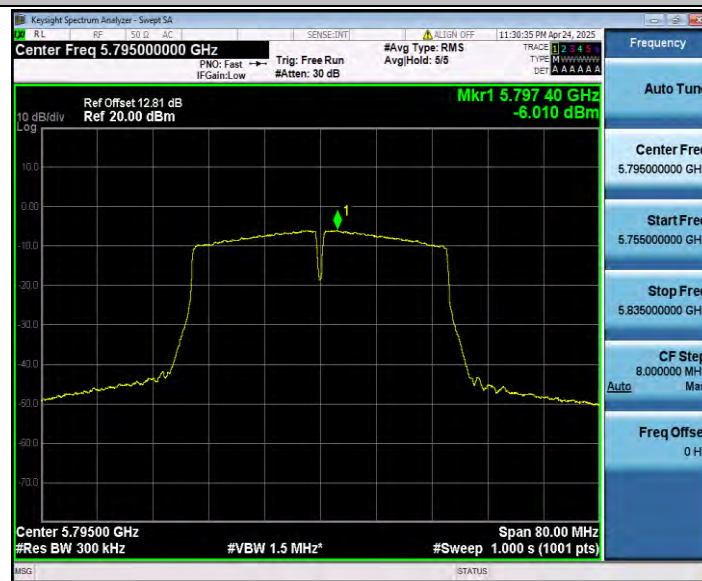
11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775



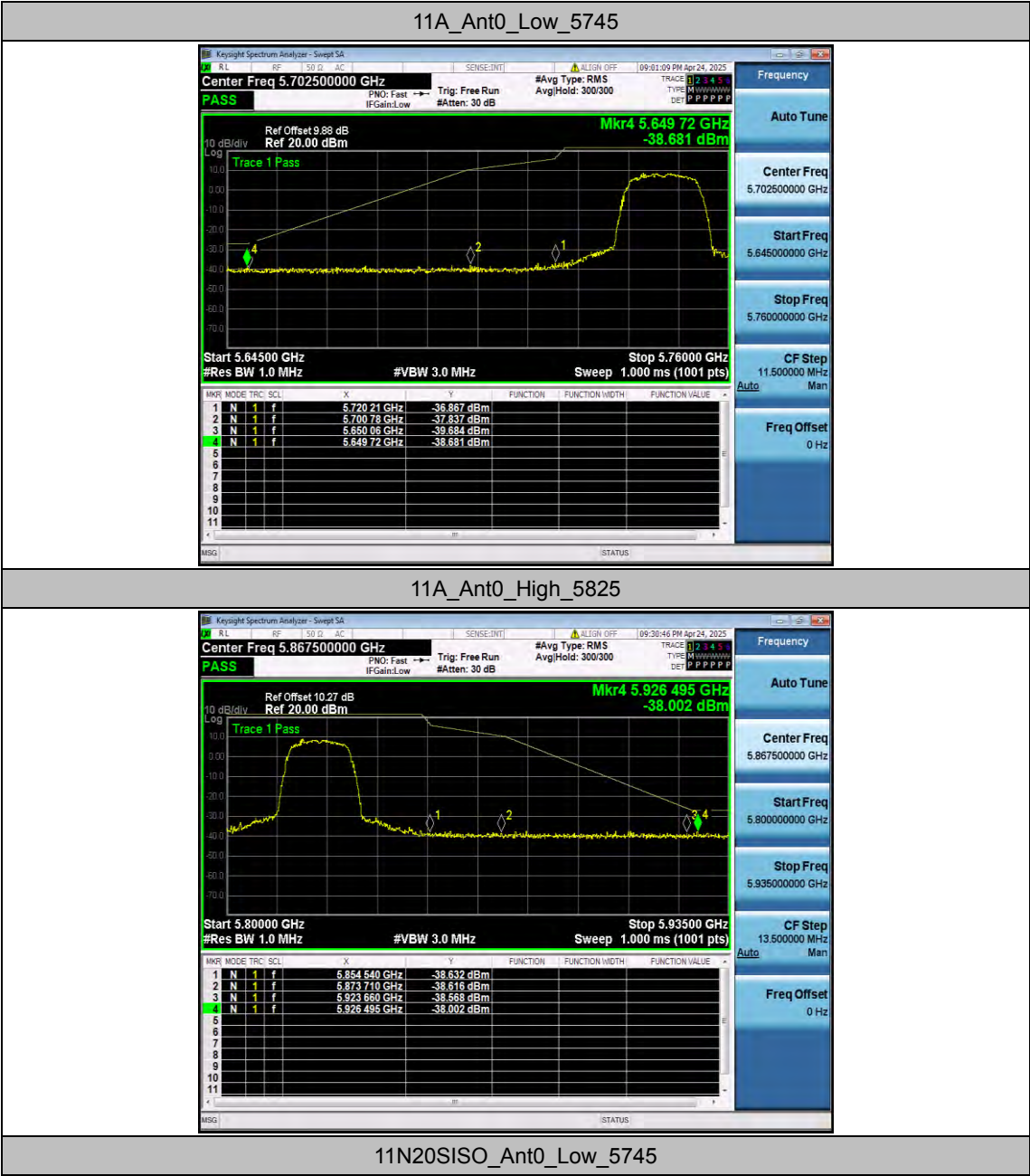
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-39.68	≤-26.96	PASS
				5700~5720	-37.84	≤10.22	PASS
				5720~5725	-36.87	≤16.08	PASS
				5760~5650	-38.68	≤-27	PASS
		High	5825	5850~5855	-38.63	≤16.65	PASS
				5855~5875	-38.62	≤10.36	PASS
				5875~5925	-38.57	≤-26.01	PASS
				5925~5935	-38	≤-27	PASS
11N20SI SO	Ant0	Low	5745	5650~5700	-38	≤-26.36	PASS
				5700~5720	-39.24	≤10.89	PASS
				5720~5725	-38.02	≤15.82	PASS
				5760~5650	-38.69	≤-27	PASS
		High	5825	5850~5855	-37.64	≤17.26	PASS
				5855~5875	-38.69	≤10.02	PASS
				5875~5925	-39.25	≤-26.71	PASS
				5925~5935	-37.98	≤-27	PASS
11N40SI SO	Ant0	Low	5755	5650~5700	-38.89	≤-26.60	PASS
				5700~5720	-34.74	≤14.14	PASS
				5720~5725	-36.33	≤15.74	PASS
				5780~5650	-39.39	≤-27	PASS
		High	5795	5850~5855	-37.67	≤16.03	PASS
				5855~5875	-39.02	≤10.11	PASS
				5875~5925	-39.06	≤-26.95	PASS
				5925~5935	-37.95	≤-27	PASS
11AC20S ISO	Ant0	Low	5745	5650~5700	-39.82	≤-26.96	PASS
				5700~5720	-39.73	≤10.12	PASS
				5720~5725	-39.34	≤15.82	PASS
				5760~5650	-39.14	≤-27	PASS
		High	5825	5850~5855	-39.12	≤15.73	PASS
				5855~5875	-38.56	≤10.06	PASS
				5875~5925	-39.08	≤-26.31	PASS
				5925~5935	-38.03	≤-27	PASS
11AC40S ISO	Ant0	Low	5755	5650~5700	-40.32	≤-26.40	PASS
				5700~5720	-38.02	≤10.17	PASS
				5720~5725	-33.69	≤17.58	PASS

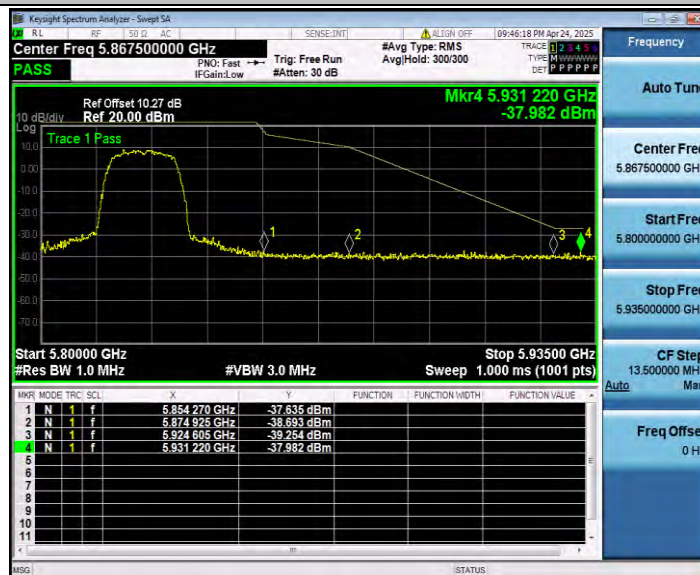
		High	5795	5780~5650	-39.88	≤ -27	PASS
				5850~5855	-38.75	≤ 16.41	PASS
				5855~5875	-38.22	≤ 10.76	PASS
				5875~5925	-37.59	≤ -25.61	PASS
				5925~5935	-38.64	≤ -27	PASS
11AC80S ISO	Ant0	Low	5775	5650~5700	-39.79	≤ -26.46	PASS
				5700~5720	-32.21	≤ 10.92	PASS
				5720~5725	-31.43	≤ 16.71	PASS
				5800~5650	-39.01	≤ -27	PASS
		High	5775	5850~5855	-38.38	≤ 15.84	PASS
				5855~5875	-38.11	≤ 10.09	PASS
				5875~5925	-39.61	≤ -26.73	PASS
				5925~5935	-39.23	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-40.46	≤ -26.87	PASS
				5700~5720	-38.53	≤ 10.64	PASS
				5720~5725	-39.24	≤ 16.34	PASS
				5760~5650	-39.17	≤ -27	PASS
		High	5825	5850~5855	-39.57	≤ 15.73	PASS
				5855~5875	-38.05	≤ 11.15	PASS
				5875~5925	-38.63	≤ -26.11	PASS
				5925~5935	-38.57	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-39.51	≤ -26.40	PASS
				5700~5720	-38.87	≤ 10.06	PASS
				5720~5725	-34.52	≤ 16.35	PASS
				5780~5650	-38.75	≤ -27	PASS
		High	5795	5850~5855	-37.15	≤ 17.91	PASS
				5855~5875	-38.6	≤ 10.76	PASS
				5875~5925	-39.42	≤ -26.34	PASS
				5925~5935	-38.57	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-38.84	≤ -26.23	PASS
				5700~5720	-33.03	≤ 10.66	PASS
				5720~5725	-32.1	≤ 16.00	PASS
				5800~5650	-39.86	≤ -27	PASS
		High	5775	5850~5855	-37.98	≤ 16.68	PASS
				5855~5875	-38.22	≤ 10.09	PASS
				5875~5925	-39.69	≤ -26.87	PASS
				5925~5935	-38.78	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant0_High_5825



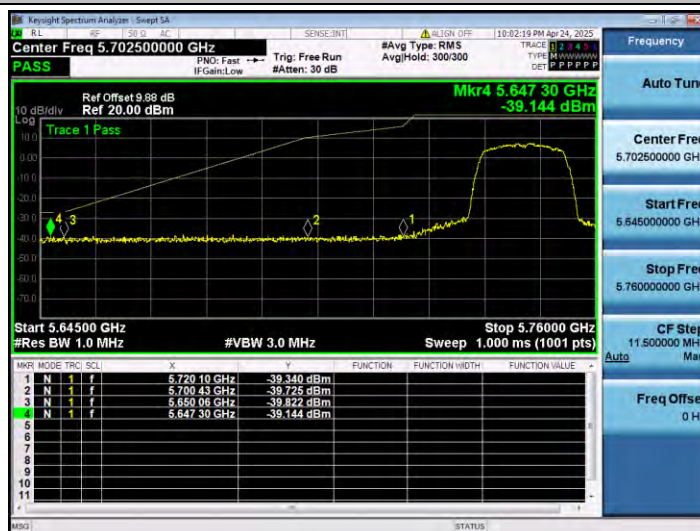
11N40SISO_Ant0_Low_5755



11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



11AC40SISO_Ant0_Low_5755



11AC40SISO_Ant0_High_5795



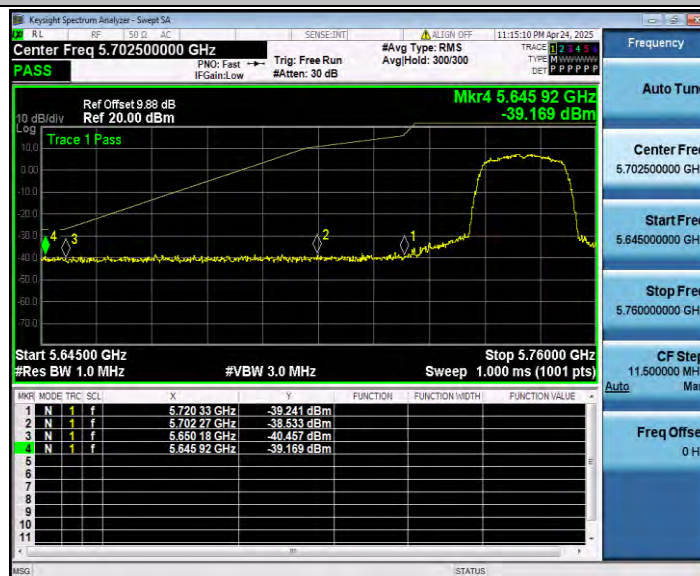
11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



11AX20SISO_Ant0_Low_5745



11AX20SISO_Ant0_High_5825



11AX40SISO_Ant0_Low_5755



11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	5462.67	-39.84	≤-27	PASS
			5925~27000	24278.52	-32.48	≤-27	PASS
		5785	30~5650	5571.88	-39.87	≤-27	PASS
			5925~27000	24982.42	-31.89	≤-27	PASS
		5825	30~5650	3307.21	-40.37	≤-27	PASS
			5925~27000	24288.35	-31.36	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	2535.21	-40.6	≤-27	PASS
			5925~27000	24231.45	-31.57	≤-27	PASS
		5785	30~5650	4940.01	-40.4	≤-27	PASS
			5925~27000	24253.23	-31.03	≤-27	PASS
		5825	30~5650	2659.97	-40.63	≤-27	PASS
			5925~27000	24976.8	-31.6	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5432.69	-40.22	≤-27	PASS
			5925~27000	23539.49	-32.08	≤-27	PASS
		5795	30~5650	5376.12	-39.73	≤-27	PASS
			5925~27000	24870.72	-30.51	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	2702.87	-40.25	≤-27	PASS
			5925~27000	26550.4	-32.02	≤-27	PASS
		5785	30~5650	2579.98	-39.48	≤-27	PASS
			5925~27000	24830.68	-31.73	≤-27	PASS
		5825	30~5650	5432.69	-39.71	≤-27	PASS
			5925~27000	26884.09	-31.38	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	2610.52	-41.12	≤-27	PASS
			5925~27000	26791.36	-31.99	≤-27	PASS
		5795	30~5650	5522.43	-40.06	≤-27	PASS
			5925~27000	24251.82	-31.26	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	3310.02	-41.11	≤-27	PASS
			5925~27000	26767.47	-31.26	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	2938.54	-40.94	≤-27	PASS
			5925~27000	24988.04	-31.74	≤-27	PASS
		5785	30~5650	5394.85	-40.03	≤-27	PASS
			5925~27000	26838.43	-31.28	≤-27	PASS
		5825	30~5650	3093.46	-40.59	≤-27	PASS
			5925~27000	25982.78	-32.03	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	3172.7	-40.81	≤-27	PASS
			5925~27000	26792.76	-32.47	≤-27	PASS
		5795	30~5650	5469.41	-40.36	≤-27	PASS

			5925~27000	25011.93	-30.73	≤ -27	PASS
11AX80SISO	Ant0	5775	30~5650	5392.6	-39.55	≤ -27	PASS
			5925~27000	26475.94	-31.79	≤ -27	PASS

Test Graphs

11A_Ant0_5745_30~5650



11A_Ant0_5745_5925~27000



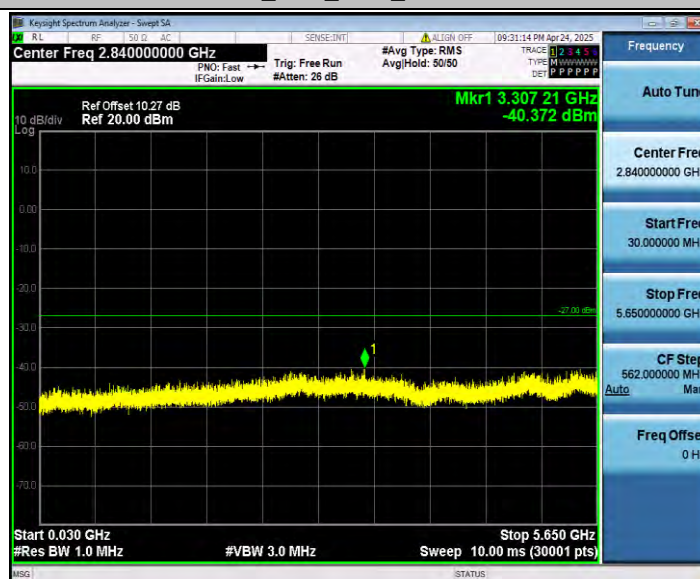
11A_Ant0_5785_30~5650



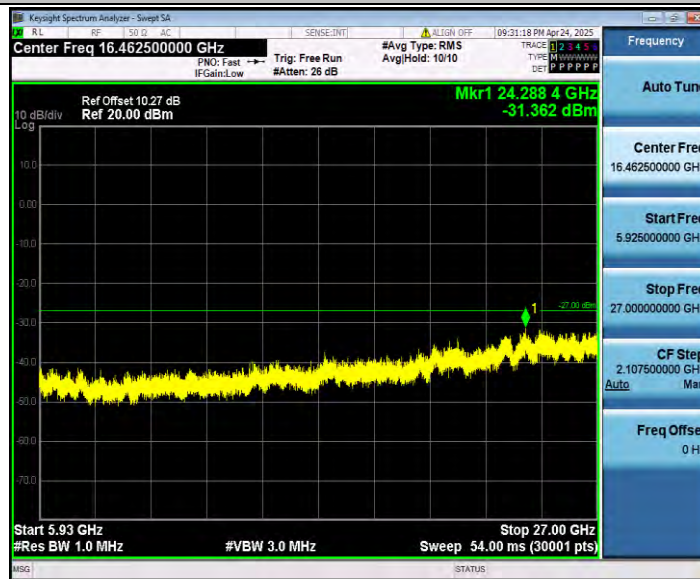
11A_Ant0_5785_5925~27000



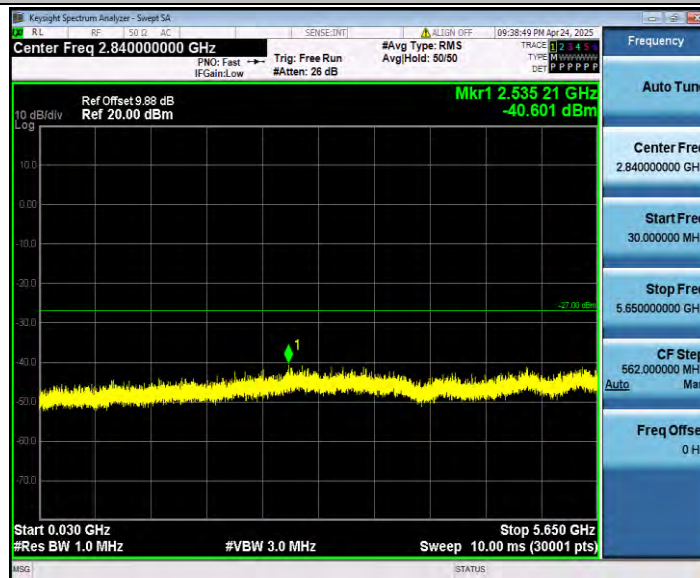
11A_Ant0_5825_30~5650



11A_Ant0_5825_5925~27000



11N20SISO_Ant0_5745_30~5650



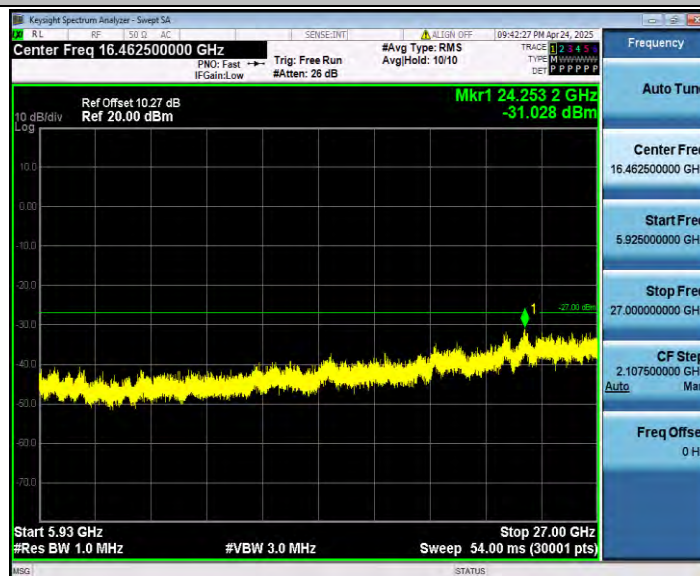
11N20SISO_Ant0_5745_5925~27000



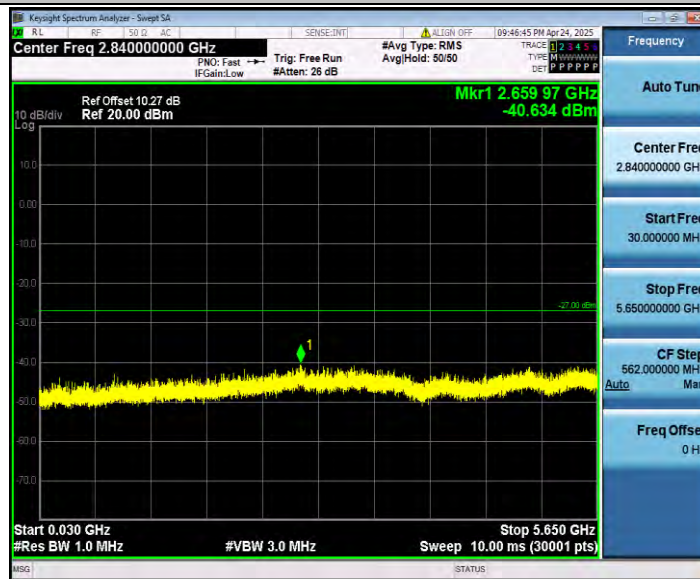
11N20SISO_Ant0_5785_30~5650



11N20SISO_Ant0_5785_5925~27000



11N20SISO_Ant0_5825_30~5650



11N20SISO_Ant0_5825_5925~27000



11N40SISO_Ant0_5755_30~5650



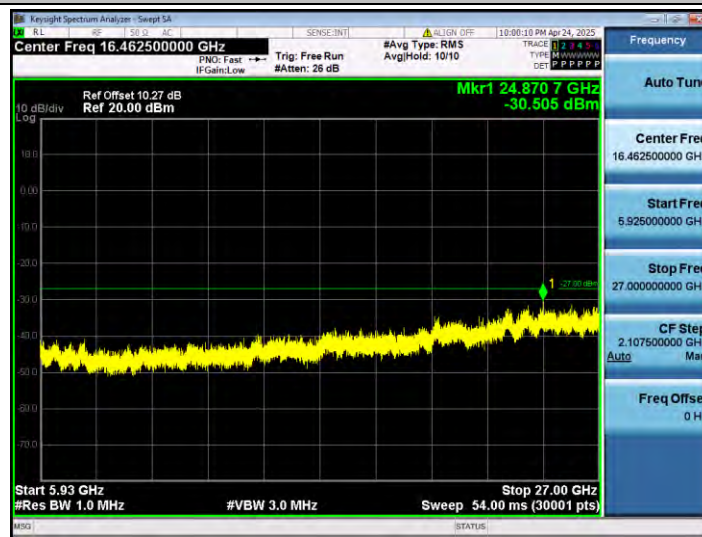
11N40SISO_Ant0_5755_5925~27000



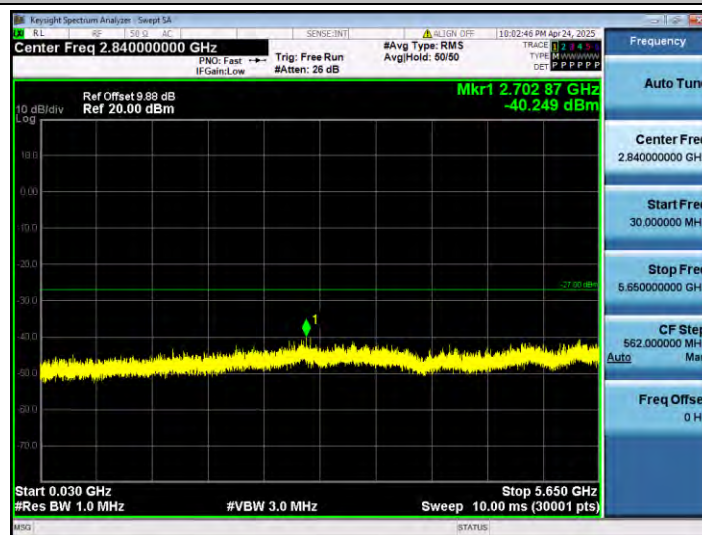
11N40SISO_Ant0_5795_30~5650



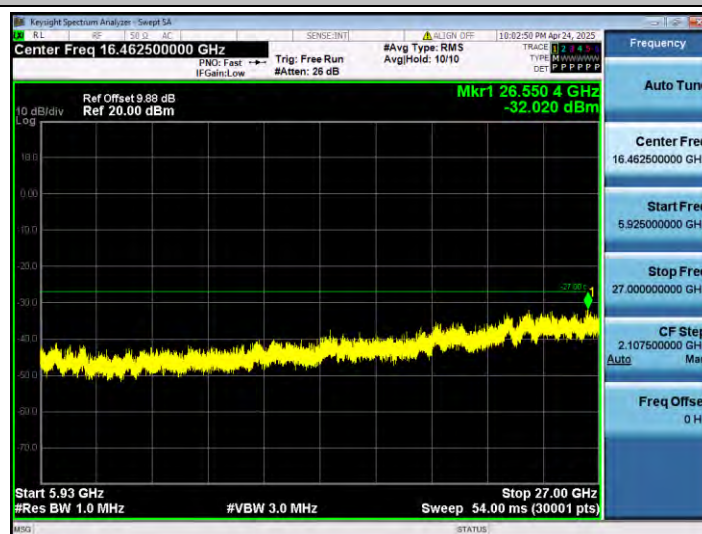
11N40SISO_Ant0_5795_5925~27000



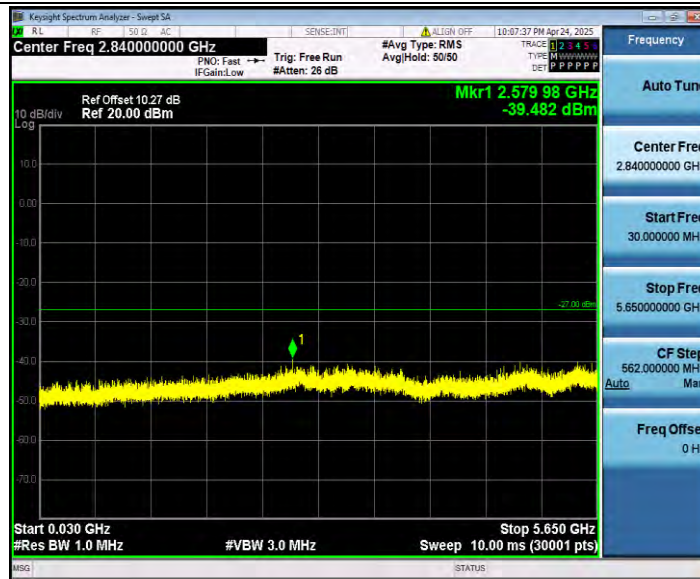
11AC20SISO_Ant0_5745_30~5650



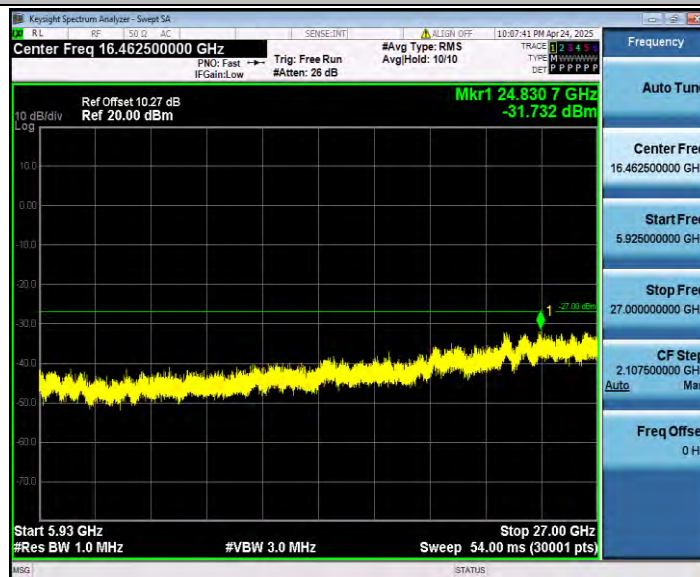
11AC20SISO_Ant0_5745_5925~27000



11AC20SISO_Ant0_5785_30~5650



11AC20SISO_Ant0_5785_5925~27000



11AC20SISO_Ant0_5825_30~5650



11AC20SISO_Ant0_5825_5925~27000



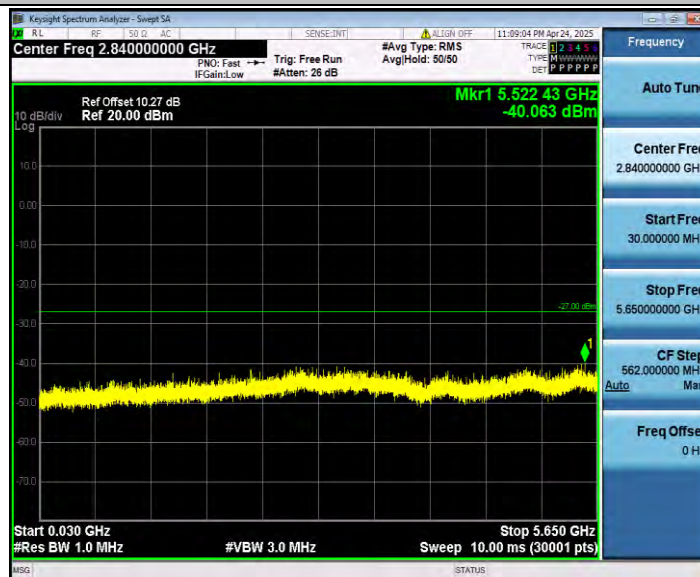
11AC40SISO_Ant0_5755_30~5650



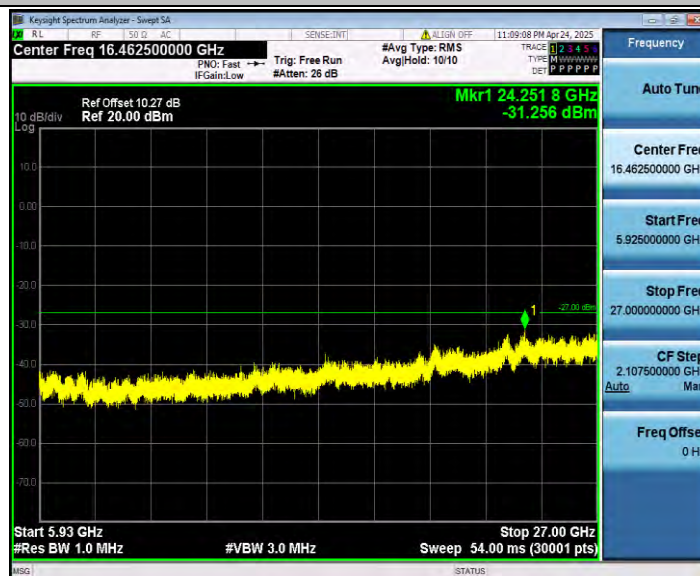
11AC40SISO_Ant0_5755_5925~27000



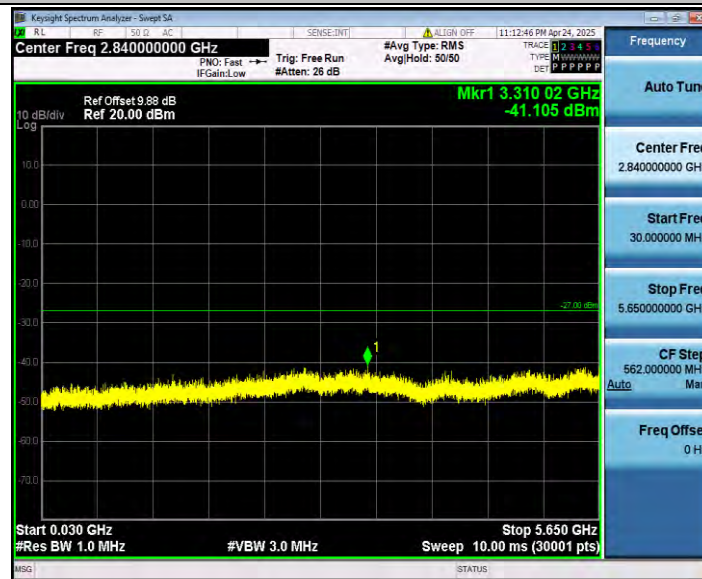
11AC40SISO_Ant0_5795_30~5650



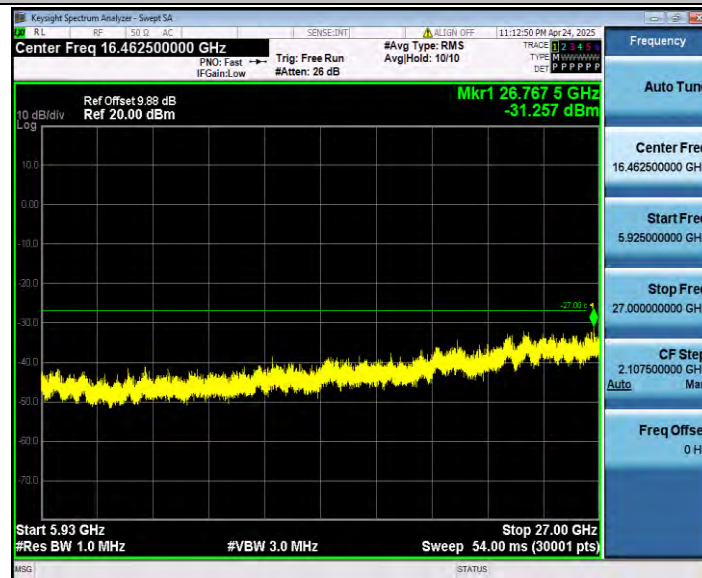
11AC40SISO_Ant0_5795_5925~27000



11AC80SISO_Ant0_5775_30~5650



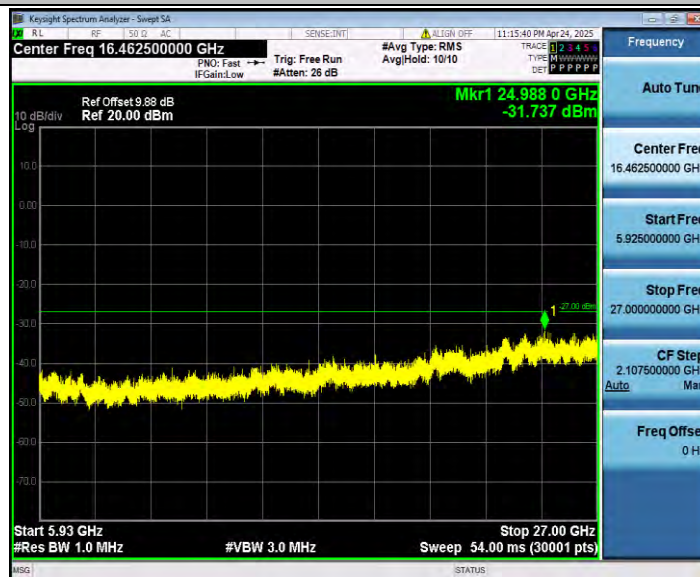
11AC80SISO_Ant0_5775_5925~27000



11AX20SISO_Ant0_5745_30~5650



11AX20SISO_Ant0_5745_5925~27000



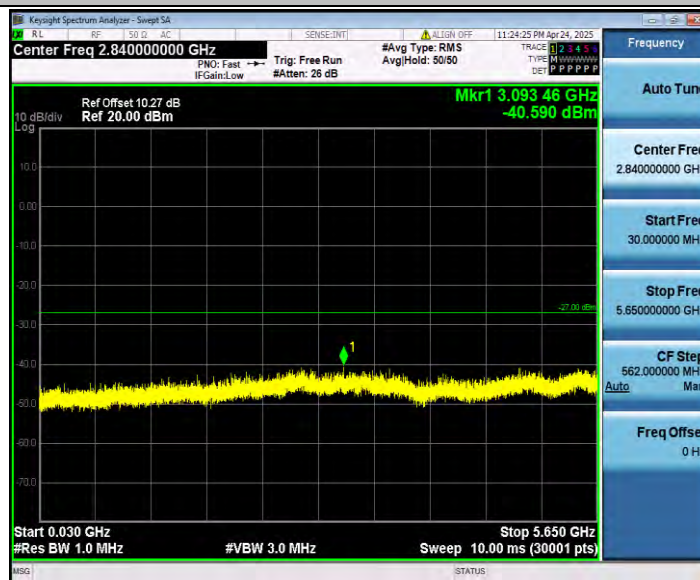
11AX20SISO_Ant0_5785_30~5650



11AX20SISO_Ant0_5785_5925~27000



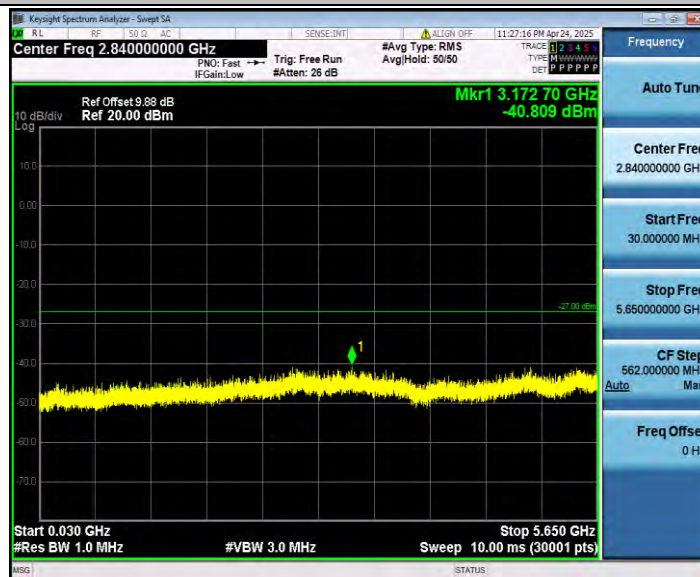
11AX20SISO_Ant0_5825_30~5650



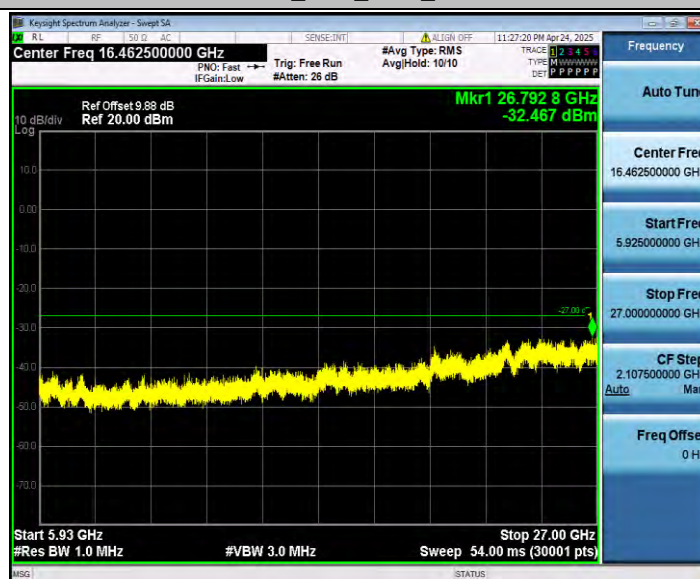
11AX20SISO_Ant0_5825_5925~27000



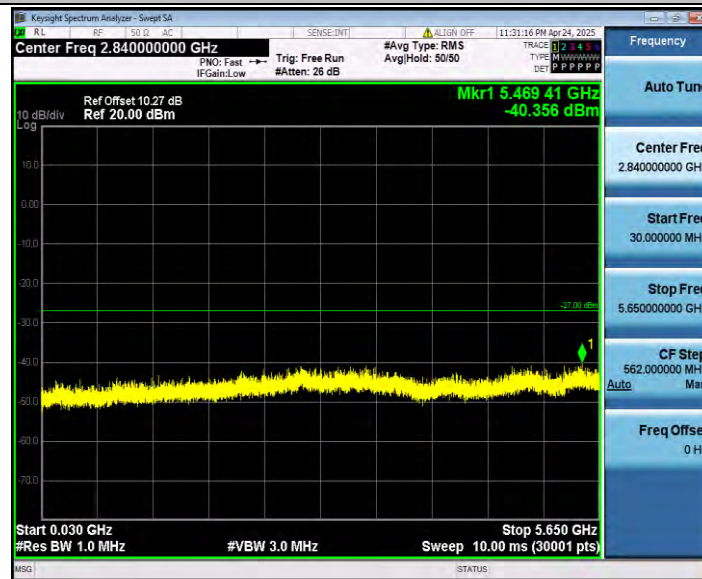
11AX40SISO_Ant0_5755_30~5650



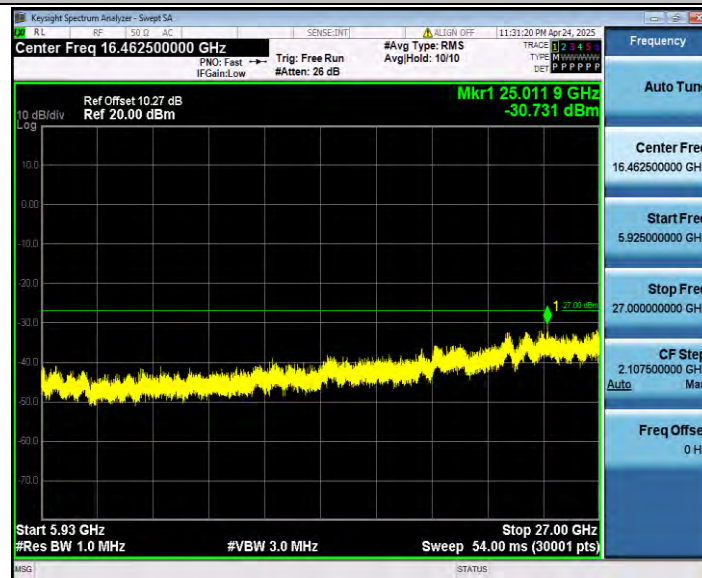
11AX40SISO_Ant0_5755_5925~27000



11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~27000



11AX80SISO_Ant0_5775_30~5650

