

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	8.49	96.67	0.15	8.64	≤30.00	PASS
		5785	8.53	93.98	0.27	8.8	≤30.00	PASS
		5825	8.19	93.98	0.27	8.46	≤30.00	PASS
11N20SISO	Ant1	5745	8.75	91.75	0.37	9.12	≤30.00	PASS
		5785	8.91	92.65	0.33	9.24	≤30.00	PASS
		5825	8.99	94.53	0.24	9.23	≤30.00	PASS
11N40SISO	Ant1	5755	8.84	55.36	2.57	11.41	≤30.00	PASS
		5795	8.44	89.42	0.49	8.93	≤30.00	PASS
11AC20SISO	Ant1	5745	8.63	93.60	0.29	8.92	≤30.00	PASS
		5785	8.37	91.35	0.39	8.76	≤30.00	PASS
		5825	8.54	94.53	0.24	8.78	≤30.00	PASS
11AC40SISO	Ant1	5755	8.94	87.85	0.56	9.5	≤30.00	PASS
		5795	8.34	84.68	0.72	9.06	≤30.00	PASS
11AX20SISO	Ant1	5745	8.09	89.51	0.48	8.57	≤30.00	PASS
		5785	8.51	89.51	0.48	8.99	≤30.00	PASS
		5825	8.76	92.36	0.35	9.11	≤30.00	PASS
11AX40SISO	Ant1	5755	8.83	86.21	0.64	9.47	≤30.00	PASS
		5795	8.26	85.23	0.69	8.95	≤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	-13.2	≤30.00	PASS
		5785	-12.25	≤30.00	PASS
		5825	-12.13	≤30.00	PASS
11N20SISO	Ant1	5745	-13.33	≤30.00	PASS
		5785	-12.62	≤30.00	PASS
		5825	-12.54	≤30.00	PASS
11N40SISO	Ant1	5755	-14.38	≤30.00	PASS
		5795	-15.43	≤30.00	PASS
11AC20SISO	Ant1	5745	-13.06	≤30.00	PASS
		5785	-12.13	≤30.00	PASS
		5825	-12.27	≤30.00	PASS
11AC40SISO	Ant1	5755	-16.32	≤30.00	PASS
		5795	-15.14	≤30.00	PASS
11AX20SISO	Ant1	5745	-13.15	≤30.00	PASS
		5785	-12.25	≤30.00	PASS
		5825	-12.27	≤30.00	PASS
11AX40SISO	Ant1	5755	-16.06	≤30.00	PASS
		5795	-15.12	≤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

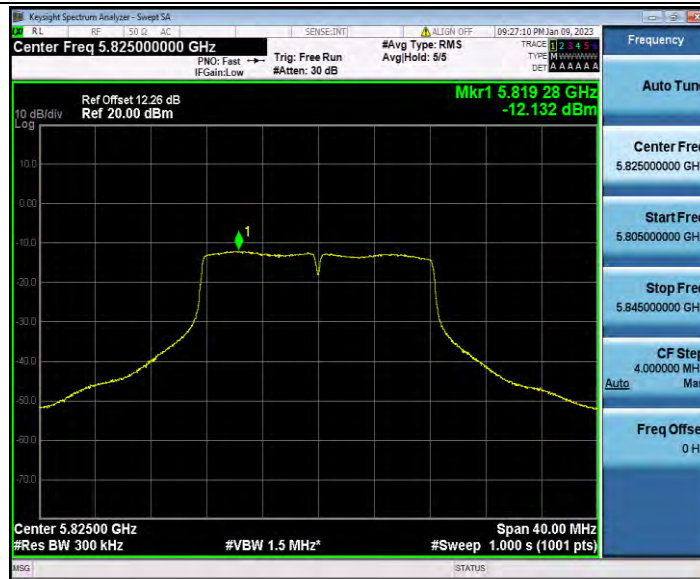
11A_Ant1_5745



11A_Ant1_5785



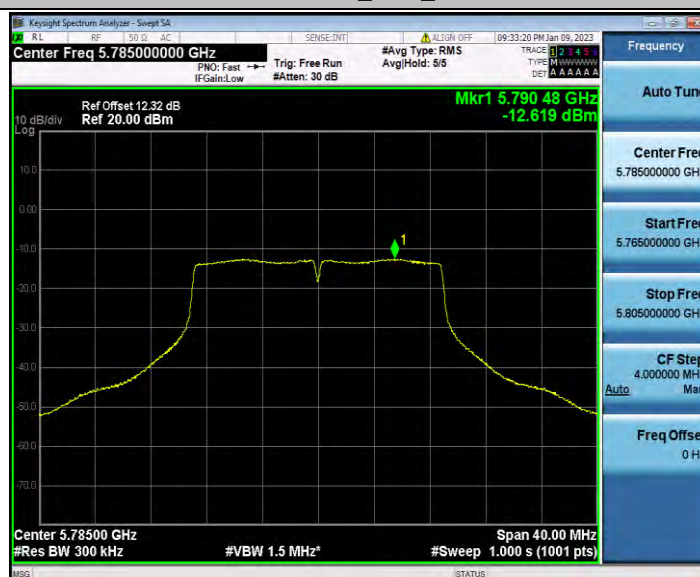
11A_Ant1_5825



11N20SISO_Ant1_5745



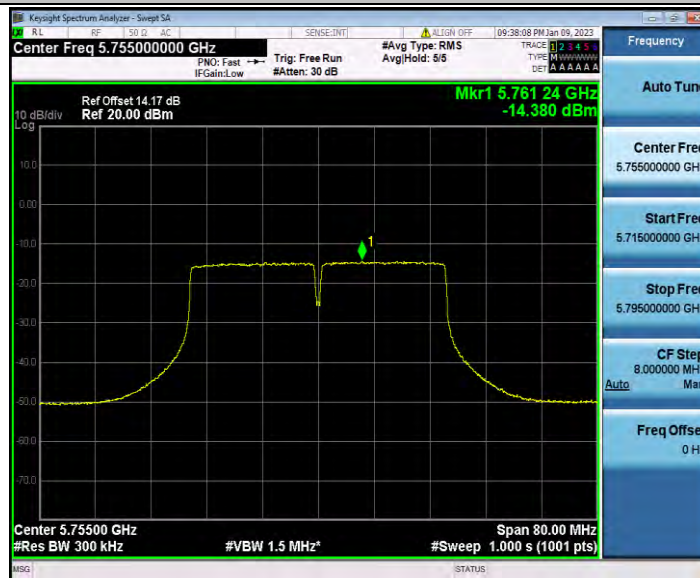
11N20SISO_Ant1_5785



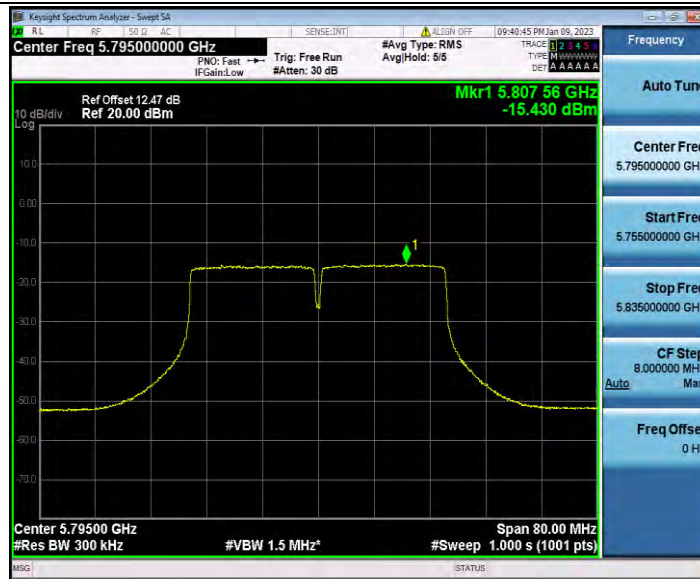
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



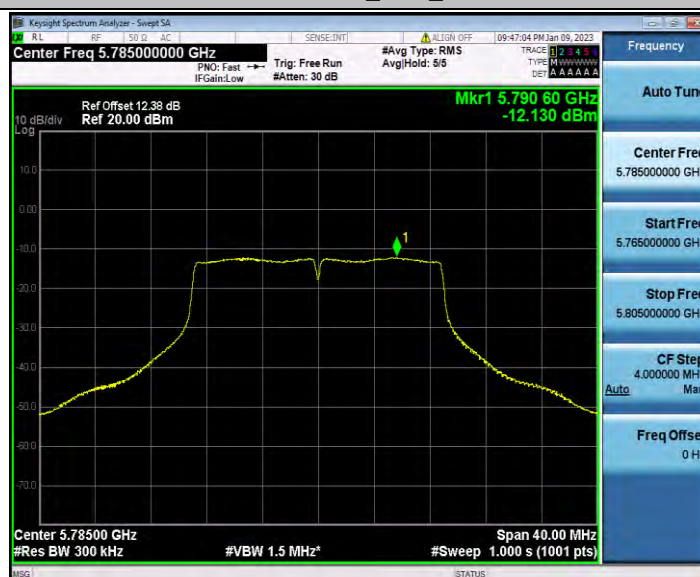
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



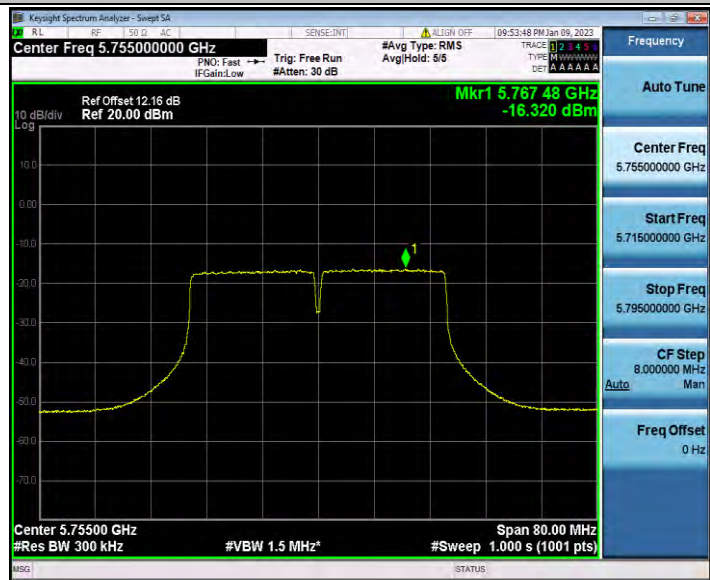
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



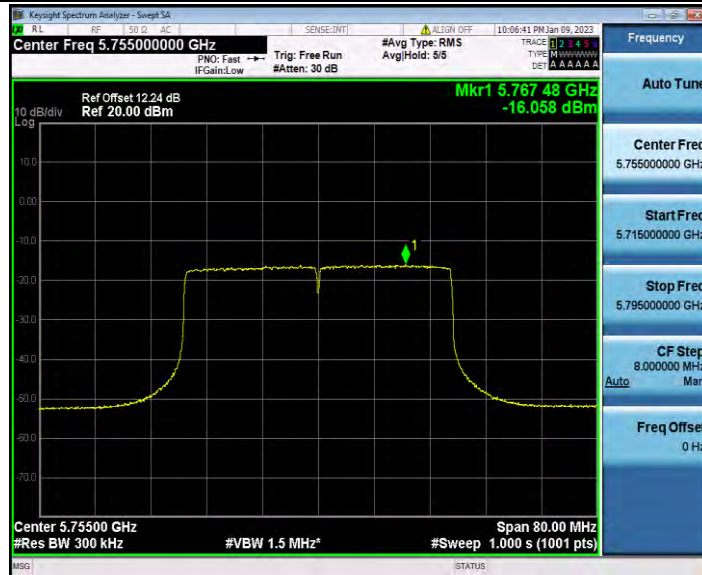
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



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	-39.48	≤4.79	PASS
				5700~5720	-39.04	≤14.34	PASS
				5720~5725	-39.89	≤18.44	PASS
				5760~5650	-39.85	≤-27	PASS
		High	5825	5850~5855	-39.69	≤21.03	PASS
				5855~5875	-38.71	≤10.97	PASS
				5875~5925	-38.19	≤3.61	PASS
				5925~5935	-39.04	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.43	≤-7.64	PASS
				5700~5720	-39.08	≤14.44	PASS
				5720~5725	-40.11	≤18.70	PASS
				5760~5650	-39.01	≤-27	PASS
		High	5825	5850~5855	-39.62	≤23.18	PASS
				5855~5875	-39.01	≤11.61	PASS
				5875~5925	-38.83	≤-10.67	PASS
				5925~5935	-38.07	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.06	≤-25.21	PASS
				5700~5720	-40.01	≤11.35	PASS
				5720~5725	-37.18	≤26.20	PASS
				5780~5650	-39.56	≤-27	PASS
		High	5795	5850~5855	-39.41	≤24.69	PASS
				5855~5875	-38.91	≤14.98	PASS
				5875~5925	-38.57	≤-25.34	PASS
				5925~5935	-38.61	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.34	≤-0.74	PASS
				5700~5720	-39.01	≤15.01	PASS
				5720~5725	-39.44	≤26.83	PASS
				5760~5650	-40.29	≤-27	PASS
		High	5825	5850~5855	-39.03	≤20.41	PASS
				5855~5875	-38.81	≤10.02	PASS
				5875~5925	-37.97	≤-24.76	PASS
				5925~5935	-38.55	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.32	≤4.17	PASS
				5700~5720	-39.94	≤15.20	PASS
				5720~5725	-39.43	≤25.28	PASS

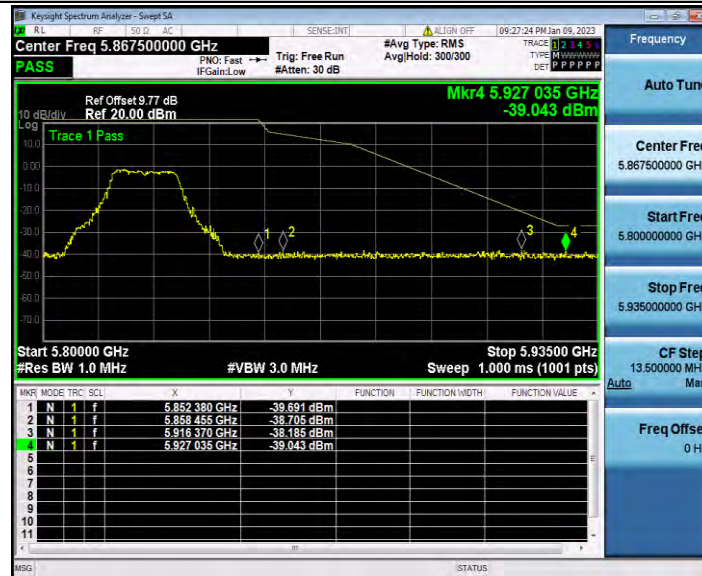
		High	5795	5780~5650	-40.44	≤ -27	PASS
				5850~5855	-38.74	≤ 16.41	PASS
				5855~5875	-37.34	≤ 15.03	PASS
				5875~5925	-38.55	≤ -20.08	PASS
				5925~5935	-38.57	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.11	≤ 8.11	PASS
				5700~5720	-39.49	≤ 13.95	PASS
				5720~5725	-39.07	≤ 20.80	PASS
				5760~5650	-40.22	≤ -27	PASS
		High	5825	5850~5855	-38.83	≤ 24.41	PASS
				5855~5875	-39.12	≤ 10.97	PASS
				5875~5925	-37.78	≤ -19.26	PASS
				5925~5935	-38.23	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.05	≤ -22.31	PASS
				5700~5720	-38.7	≤ 14.90	PASS
				5720~5725	-39	≤ 26.51	PASS
				5780~5650	-39.84	≤ -27	PASS
		High	5795	5850~5855	-38.78	≤ 25.44	PASS
				5855~5875	-38.42	≤ 13.32	PASS
				5875~5925	-38.73	≤ 6.53	PASS
				5925~5935	-38.9	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



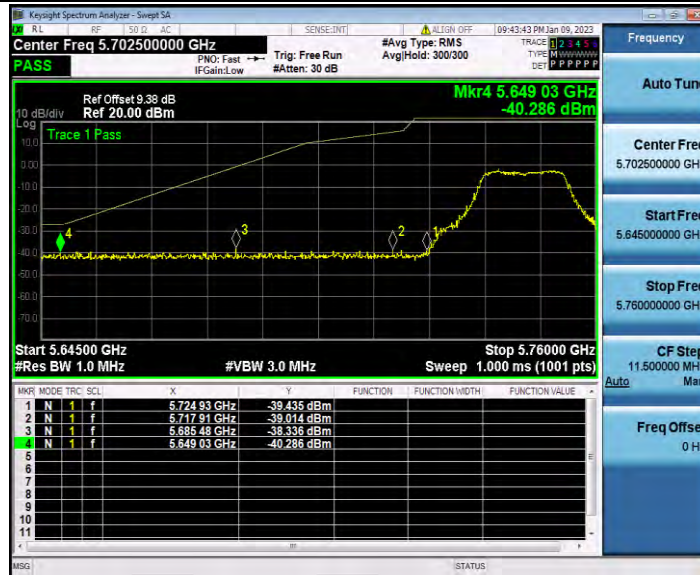
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



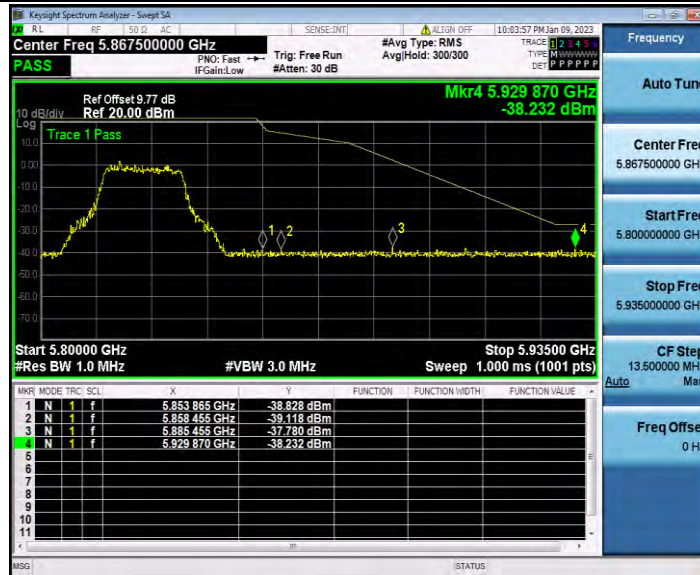
11AC40SISO_Ant1_High_5795



11AX20SISO_Ant1_Low_5745



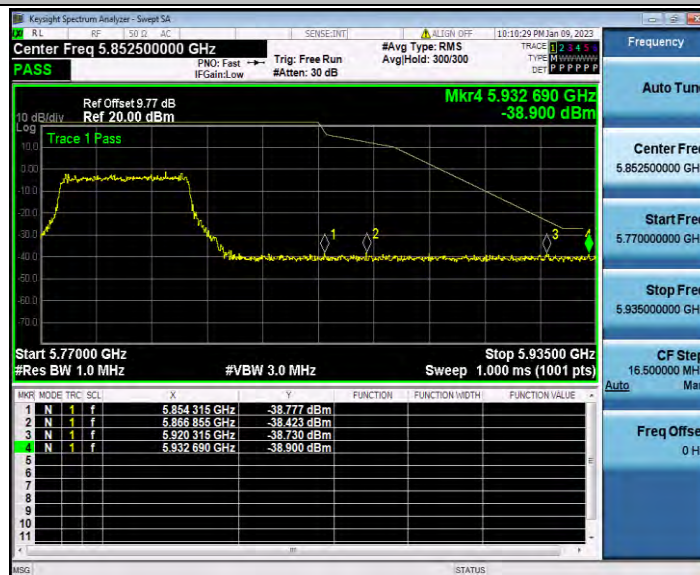
11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



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	5434.38	-40.35	≤-27	PASS
			5925~40000	24299.59	-32.48	≤-27	PASS
		5785	30~5650	4628.28	-39.46	≤-27	PASS
			5925~40000	24204.05	-31.98	≤-27	PASS
		5825	30~5650	4659.76	-39.8	≤-27	PASS
			5925~40000	23504.36	-32.32	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4596.25	-39.04	≤-27	PASS
			5925~40000	26095.88	-32.86	≤-27	PASS
		5785	30~5650	4628.28	-40.48	≤-27	PASS
			5925~40000	24312.24	-32.26	≤-27	PASS
		5825	30~5650	5064.21	-39.77	≤-27	PASS
			5925~40000	26782.23	-31.95	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4589.69	-38.77	≤-27	PASS
			5925~40000	24247.61	-32.25	≤-27	PASS
		5795	30~5650	4652.08	-37.58	≤-27	PASS
			5925~40000	26898.14	-31.84	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4596.06	-40.6	≤-27	PASS
			5925~40000	26912.89	-32.65	≤-27	PASS
		5785	30~5650	4628.28	-39.46	≤-27	PASS
			5925~40000	24288.35	-32.29	≤-27	PASS
		5825	30~5650	86.95	-39.49	≤-27	PASS
			5925~40000	26792.76	-32.12	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4620.04	-39.47	≤-27	PASS
			5925~40000	24173.84	-32.49	≤-27	PASS
		5795	30~5650	4636.15	-38.66	≤-27	PASS
			5925~40000	25635.04	-32.42	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	1743.54	-36.14	≤-27	PASS
			5925~40000	25244.45	-32.74	≤-27	PASS
		5785	30~5650	4627.91	-39.82	≤-27	PASS
			5925~40000	23585.85	-31.41	≤-27	PASS
		5825	30~5650	1737.54	-35.46	≤-27	PASS
			5925~40000	23494.53	-32.35	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4587.07	-37.14	≤-27	PASS
			5925~40000	26591.15	-31.87	≤-27	PASS
		5795	30~5650	4620.6	-38.58	≤-27	PASS
			5925~40000	24237.07	-31.86	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



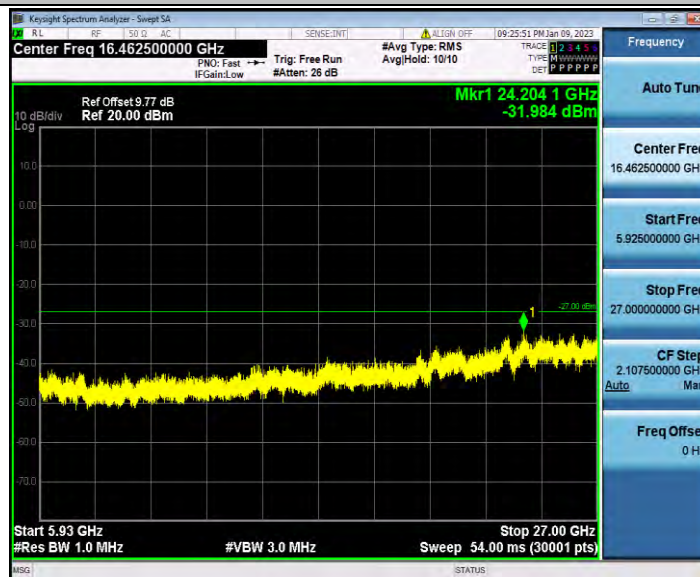
11A_Ant1_5745_5925~40000



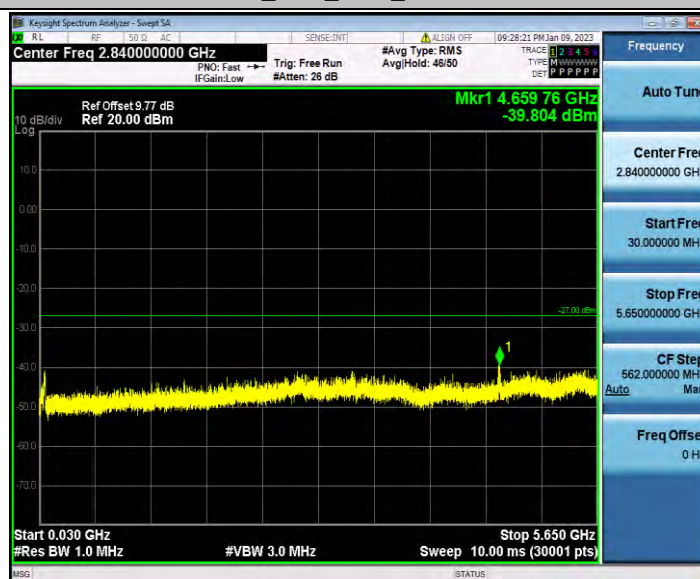
11A_Ant1_5785_30~5650



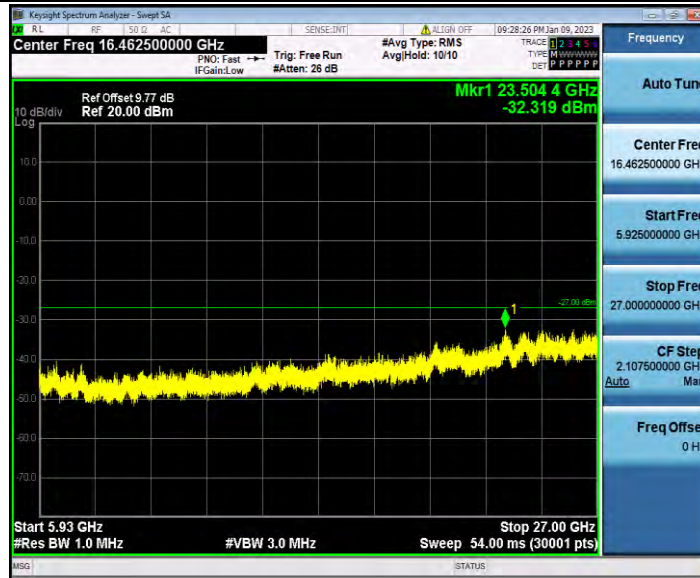
11A_Ant1_5785_5925~40000



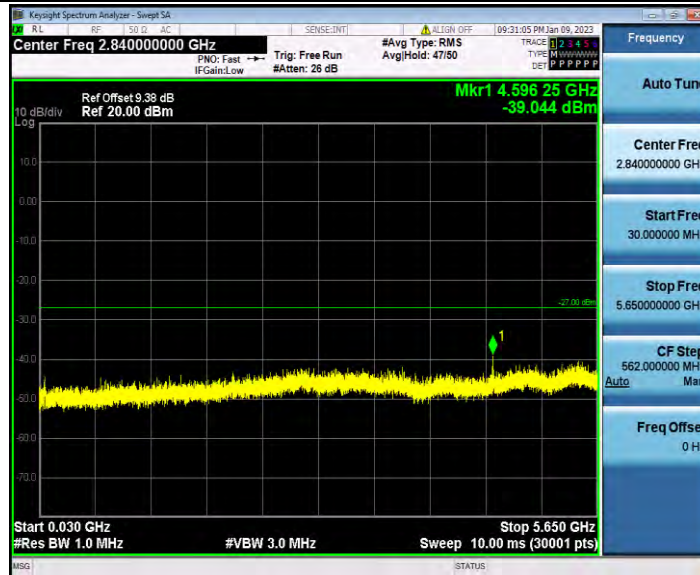
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



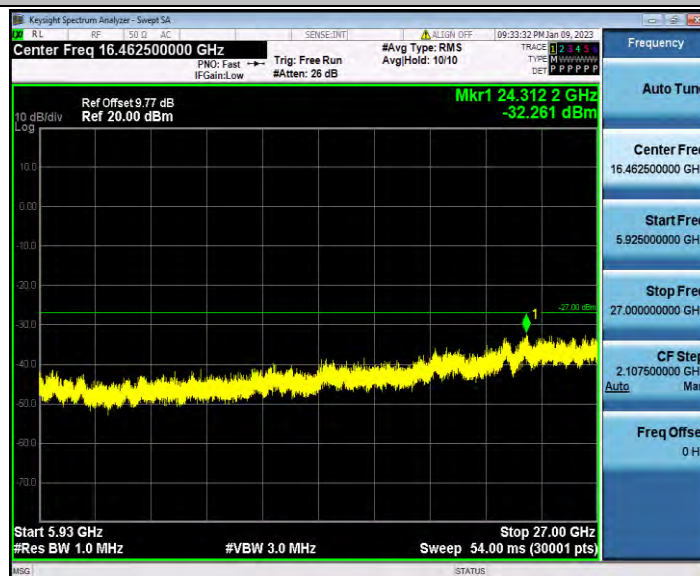
11N20SISO_Ant1_5745_5925~40000



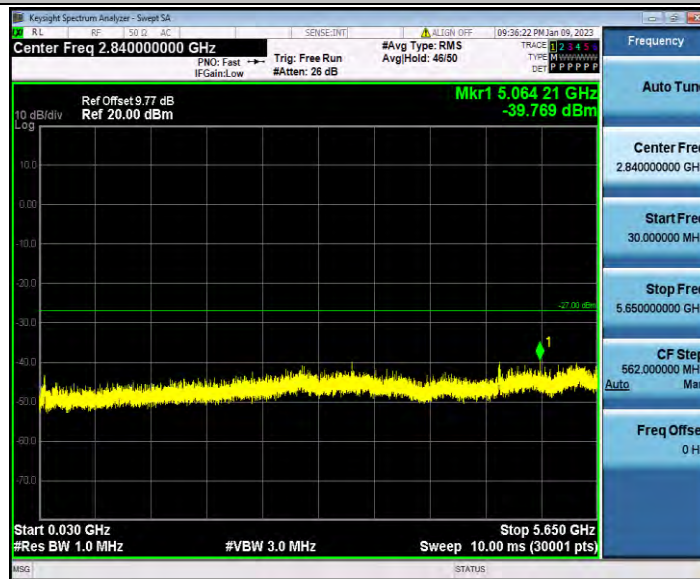
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



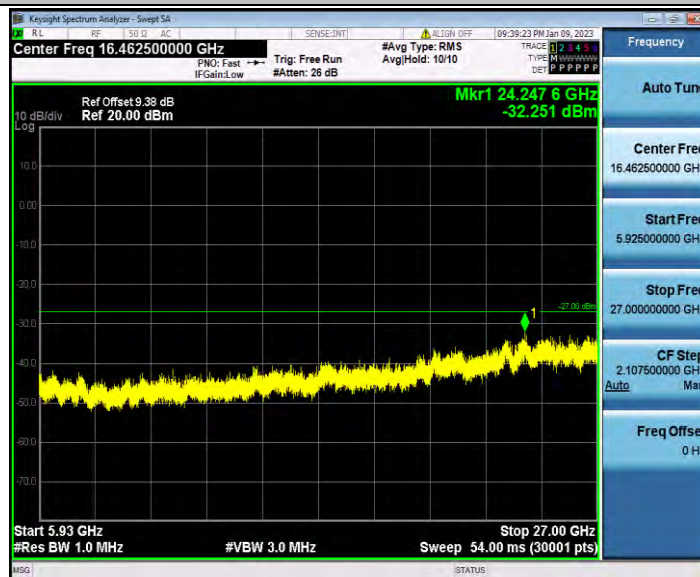
11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



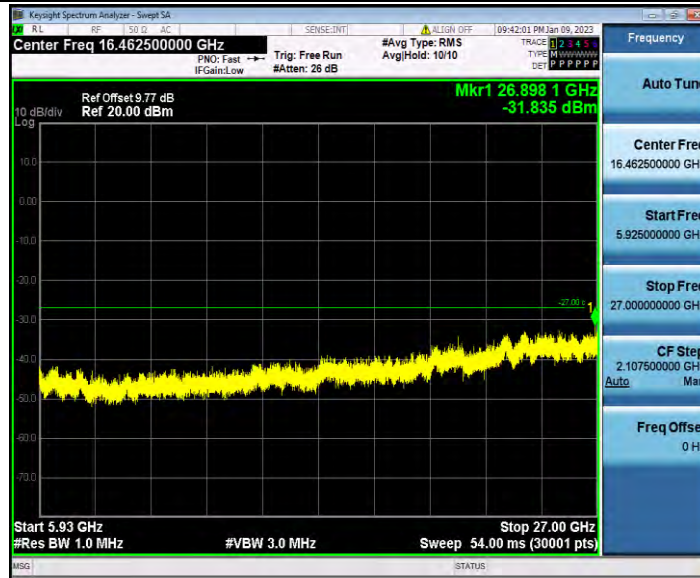
11N40SISO_Ant1_5755_5925~40000



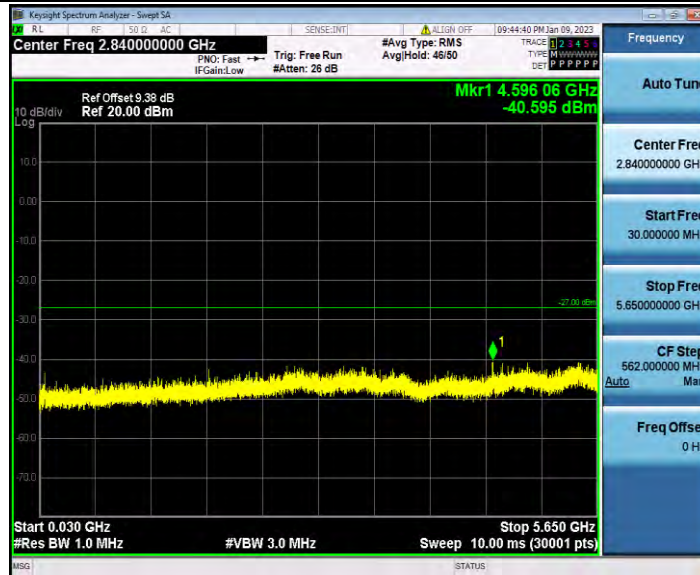
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5745_30~5650



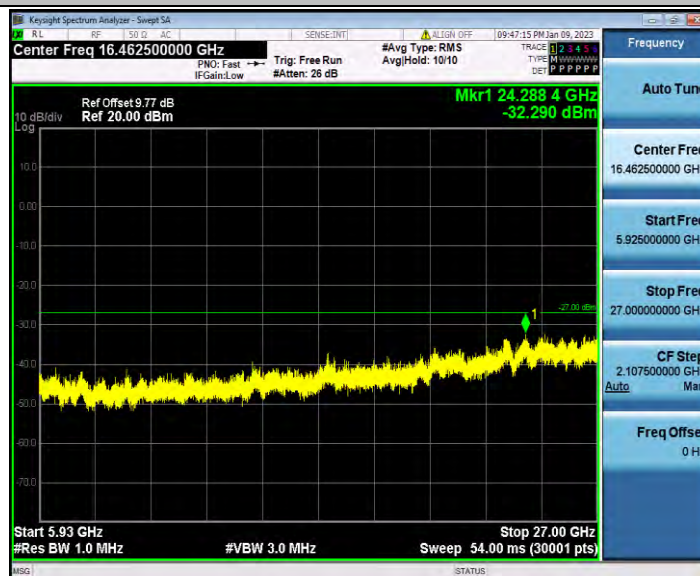
11AC20SISO_Ant1_5745_5925~40000



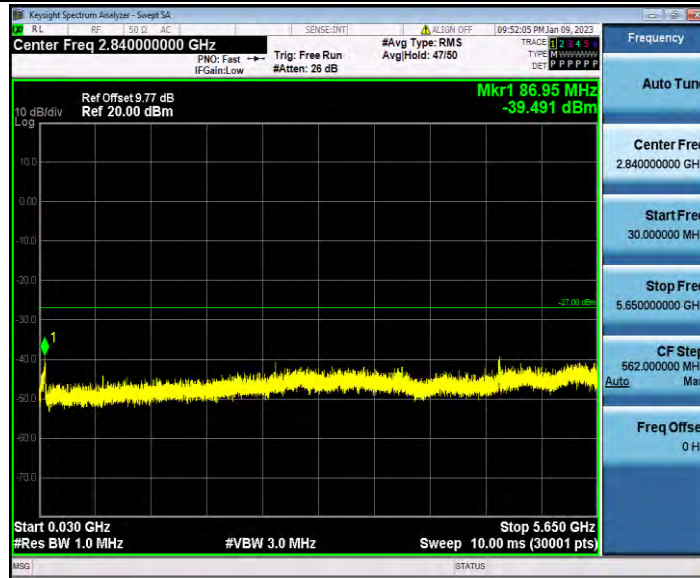
11AC20SISO_Ant1_5785_30~5650



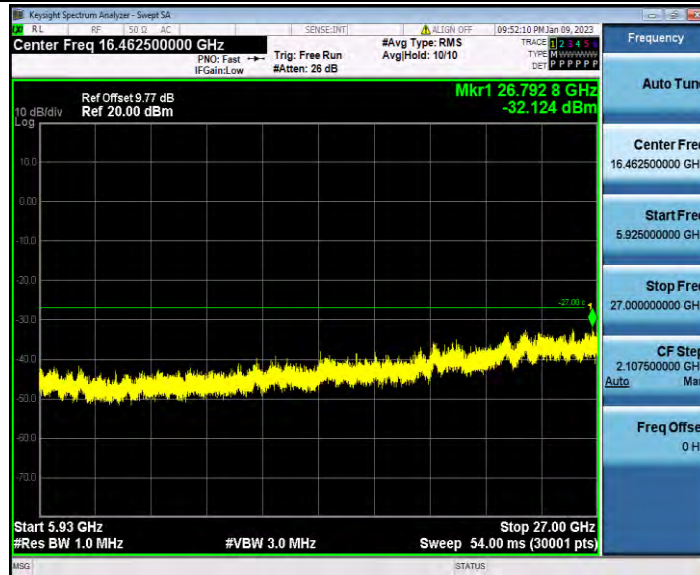
11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



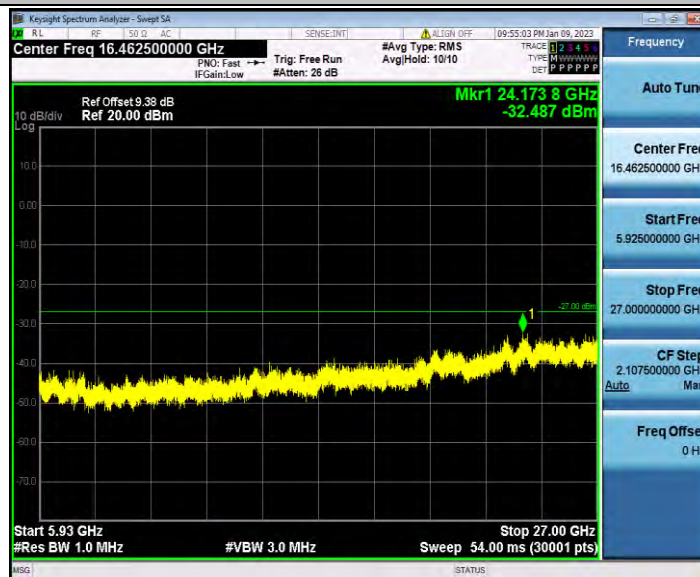
11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



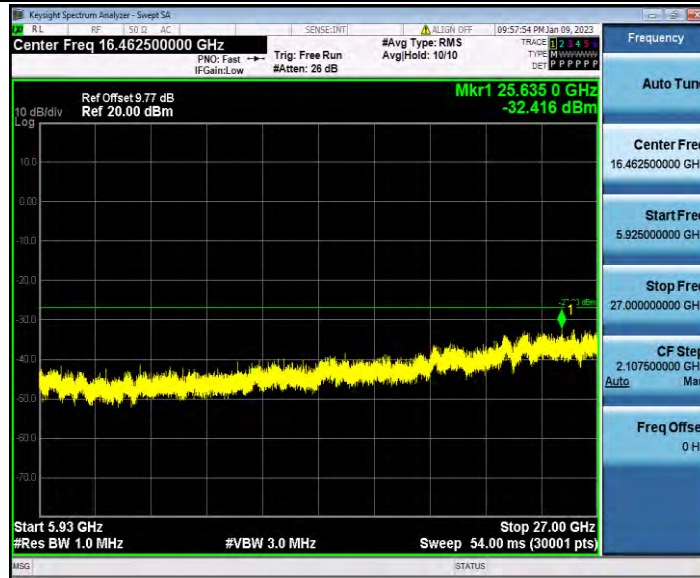
11AC40SISO_Ant1_5755_5925~40000



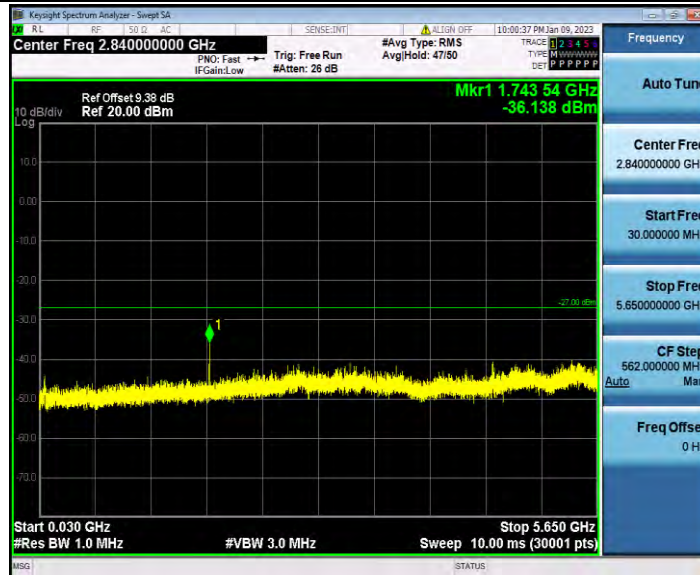
11AC40SISO_Ant1_5795_30~5650



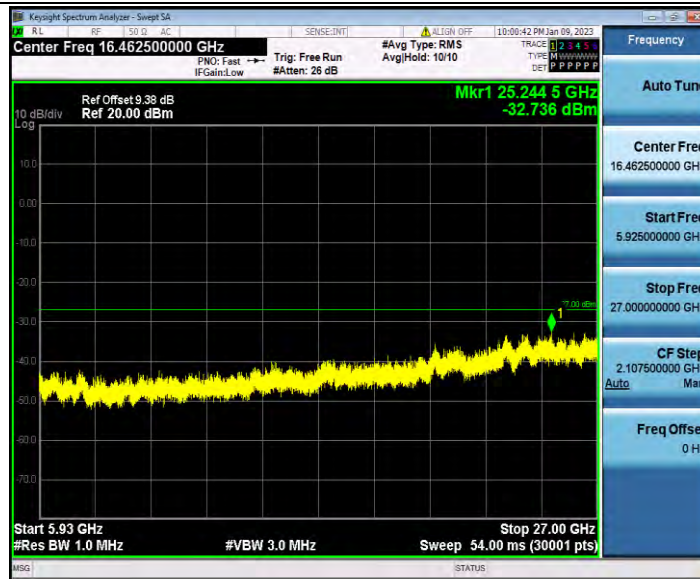
11AC40SISO_Ant1_5795_5925~40000



11AX20SISO_Ant1_5745_30~5650



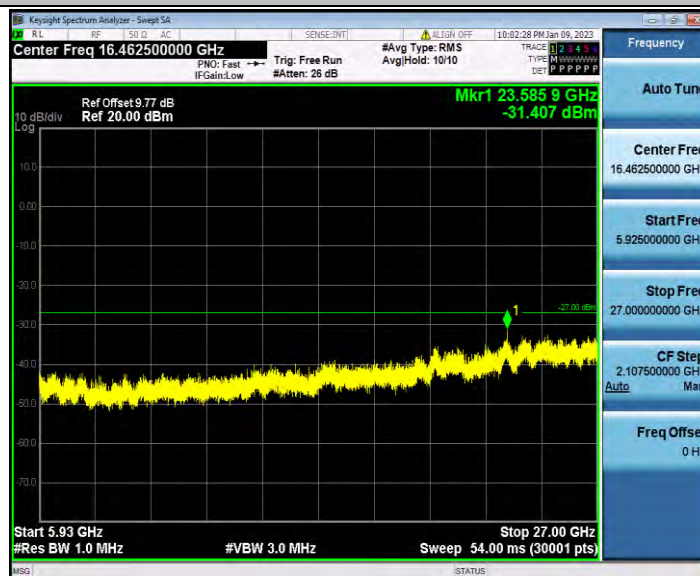
11AX20SISO_Ant1_5745_5925~40000



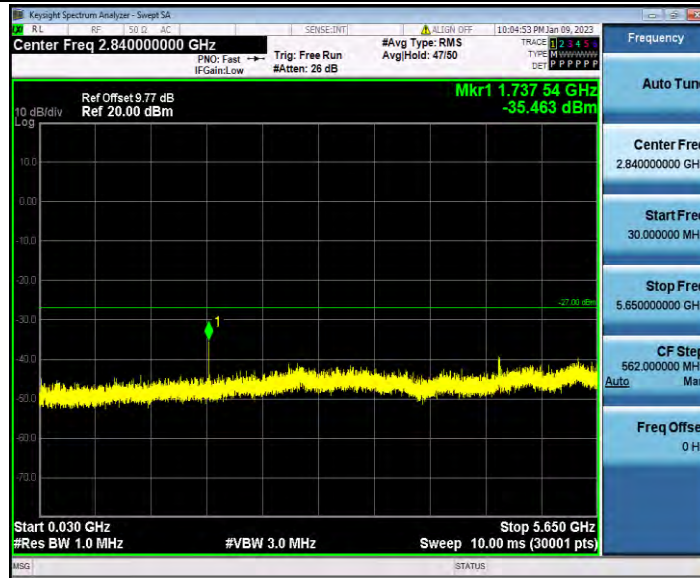
11AX20SISO_Ant1_5785_30~5650



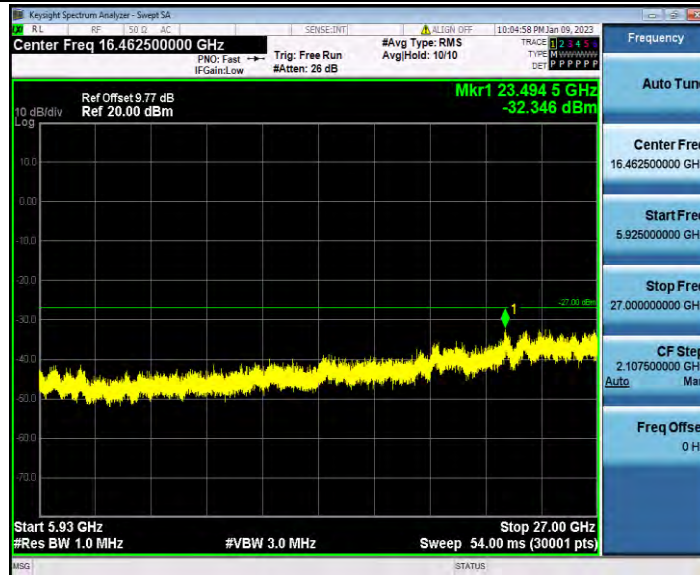
11AX20SISO_Ant1_5785_5925~40000



11AX20SISO_Ant1_5825_30~5650



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

