

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	9.69	94.01	0.27	9.96	≤30.00	PASS
		5785	9.53	89.82	0.47	10	≤30.00	PASS
		5825	9.34	98.07	0.08	9.42	≤30.00	PASS
11N20SISO	Ant1	5745	9.11	91.75	0.37	9.48	≤30.00	PASS
		5785	9.75	91.75	0.37	10.12	≤30.00	PASS
		5825	9.45	91.30	0.40	9.85	≤30.00	PASS
11N40SISO	Ant1	5755	9.92	100.00	0.00	9.92	≤30.00	PASS
		5795	9.84	78.15	1.07	10.91	≤30.00	PASS
11AC20SISO	Ant1	5745	9.94	94.06	0.27	10.21	≤30.00	PASS
		5785	9.44	92.68	0.33	9.77	≤30.00	PASS
		5825	9.87	93.60	0.29	10.16	≤30.00	PASS
11AC40SISO	Ant1	5755	9.74	100.00	0.00	9.74	≤30.00	PASS
		5795	9.49	65.73	1.82	11.31	≤30.00	PASS
11AX20SISO	Ant1	5745	9.62	87.43	0.58	10.2	≤30.00	PASS
		5785	9.04	90.63	0.43	9.47	≤30.00	PASS
		5825	9.38	92.99	0.32	9.7	≤30.00	PASS
11AX40SISO	Ant1	5755	9.18	100.00	0.00	9.18	≤30.00	PASS
		5795	9.54	82.22	0.85	10.39	≤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	-14.53	≤30.00	PASS
		5785	-13.07	≤30.00	PASS
		5825	-12.63	≤30.00	PASS
11N20SISO	Ant1	5745	-14.9	≤30.00	PASS
		5785	-13.38	≤30.00	PASS
		5825	-12.57	≤30.00	PASS
11N40SISO	Ant1	5755	-18.37	≤30.00	PASS
		5795	-15.46	≤30.00	PASS
11AC20SISO	Ant1	5745	-14.74	≤30.00	PASS
		5785	-13.33	≤30.00	PASS
		5825	-12.66	≤30.00	PASS
11AC40SISO	Ant1	5755	-18.6	≤30.00	PASS
		5795	-14.95	≤30.00	PASS
11AX20SISO	Ant1	5745	-14.84	≤30.00	PASS
		5785	-13.75	≤30.00	PASS
		5825	-12.95	≤30.00	PASS
11AX40SISO	Ant1	5755	-18.85	≤30.00	PASS
		5795	-16	≤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

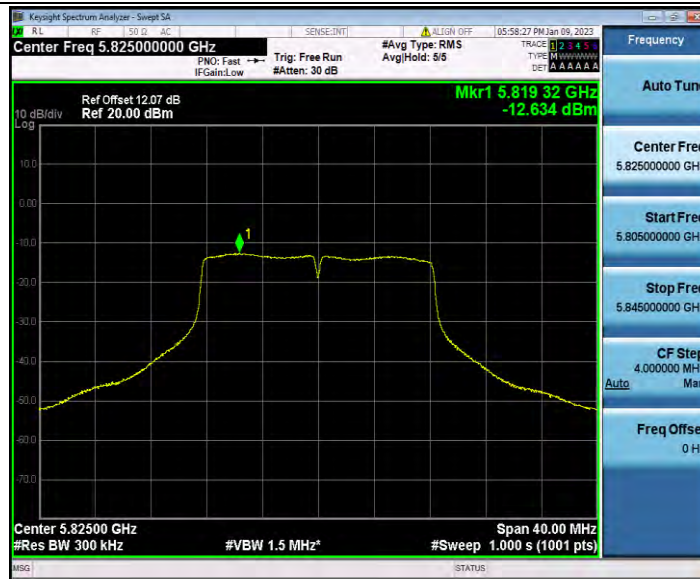
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11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



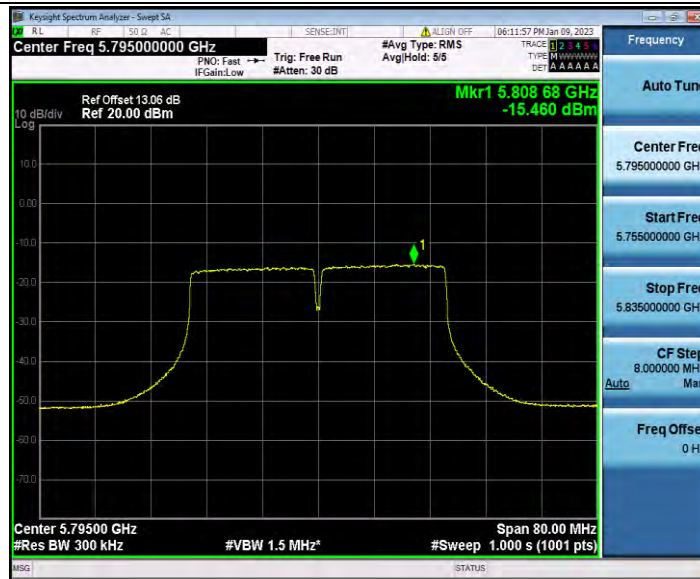
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11N40SISO_Ant1_5755



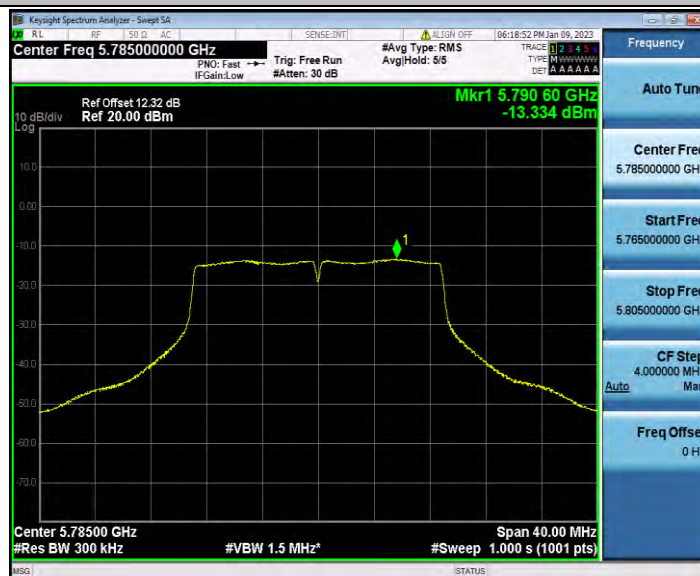
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



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11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



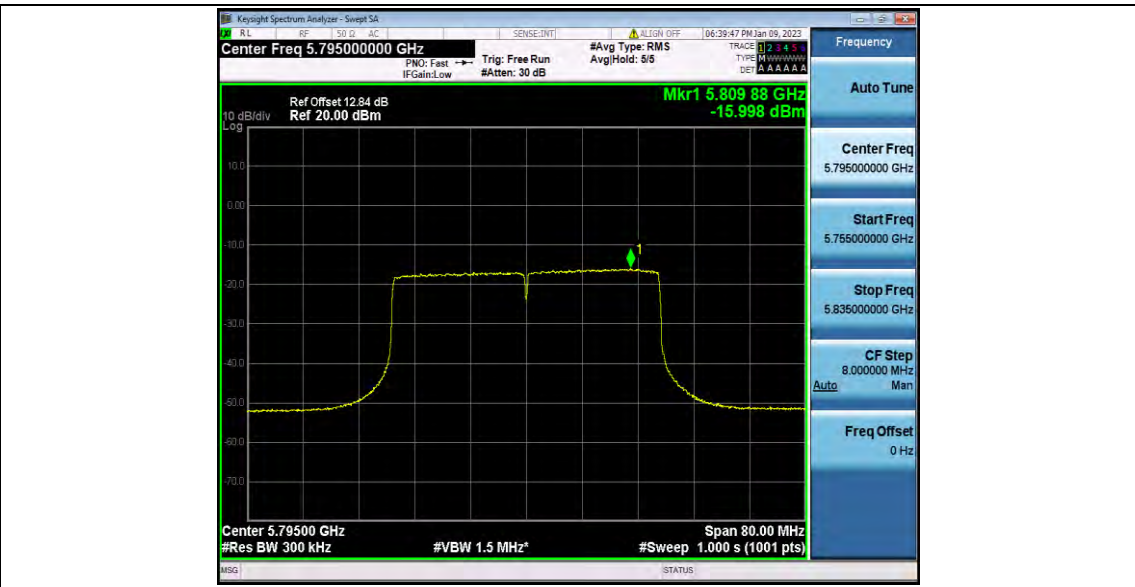
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11AX40SISO_Ant1_5755



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	-39.32	≤-15.98	PASS
				5700~5720	-39.35	≤10.96	PASS
				5720~5725	-39.63	≤20.27	PASS
				5760~5650	-40.62	≤-27	PASS
		High	5825	5850~5855	-39.89	≤16.41	PASS
				5855~5875	-39	≤15.01	PASS
				5875~5925	-38.89	≤-16.77	PASS
				5925~5935	-39.18	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.69	≤5.04	PASS
				5700~5720	-39.07	≤14.31	PASS
				5720~5725	-39.94	≤20.01	PASS
				5760~5650	-40.67	≤-27	PASS
		High	5825	5850~5855	-39.84	≤26.26	PASS
				5855~5875	-38.95	≤12.59	PASS
				5875~5925	-38.02	≤-26.66	PASS
				5925~5935	-38.55	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.1	≤-15.12	PASS
				5700~5720	-39.45	≤10.74	PASS
				5720~5725	-39.01	≤23.12	PASS
				5780~5650	-40.07	≤-27	PASS
		High	5795	5850~5855	-38.9	≤25.81	PASS
				5855~5875	-38.03	≤15.08	PASS
				5875~5925	-37.92	≤-26.07	PASS
				5925~5935	-38.68	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.23	≤-15.55	PASS
				5700~5720	-39.94	≤11.38	PASS
				5720~5725	-39.45	≤24.21	PASS
				5760~5650	-40.14	≤-27	PASS
		High	5825	5850~5855	-39.6	≤21.95	PASS
				5855~5875	-39.17	≤12.33	PASS
				5875~5925	-38.34	≤1.62	PASS
				5925~5935	-38.44	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.49	≤9.36	PASS
				5700~5720	-39.83	≤14.26	PASS
				5720~5725	-38.24	≤16.66	PASS

		High	5795	5780~5650	-40.15	≤ -27	PASS
				5850~5855	-38.87	≤ 19.04	PASS
				5855~5875	-37.98	≤ 12.58	PASS
				5875~5925	-38.65	≤ -23.14	PASS
				5925~5935	-38.11	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.06	≤ -26.02	PASS
				5700~5720	-39.71	≤ 10.44	PASS
				5720~5725	-39.25	≤ 17.65	PASS
				5760~5650	-40.31	≤ -27	PASS
		High	5825	5850~5855	-39.49	≤ 21.33	PASS
				5855~5875	-38.33	≤ 12.56	PASS
				5875~5925	-37.86	≤ -6.78	PASS
				5925~5935	-39.33	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.89	≤ -3.33	PASS
				5700~5720	-39.24	≤ 10.21	PASS
				5720~5725	-38.79	≤ 23.74	PASS
				5780~5650	-39.93	≤ -27	PASS
		High	5795	5850~5855	-38.98	≤ 18.67	PASS
				5855~5875	-39.13	≤ 15.58	PASS
				5875~5925	-37.73	≤ -2.38	PASS
				5925~5935	-39.67	≤ -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



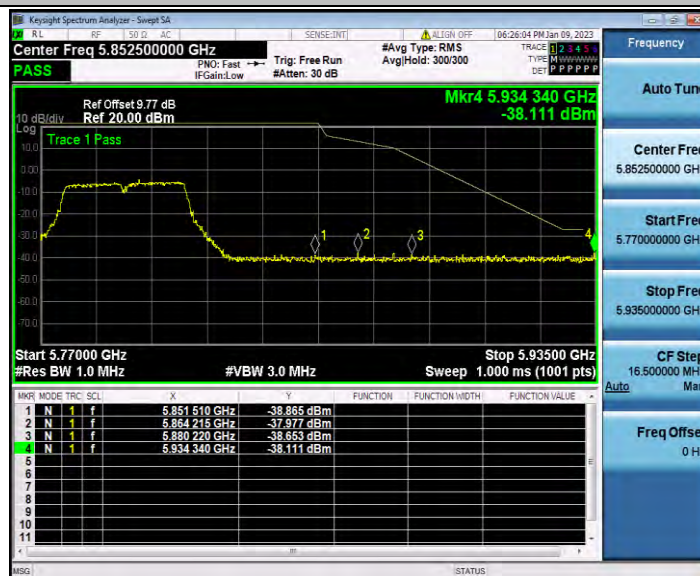
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11AC40SISO_Ant1_Low_5755



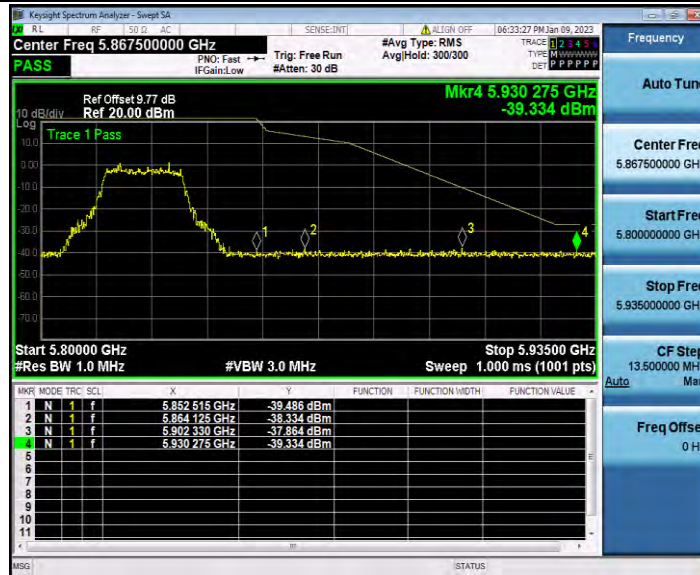
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11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



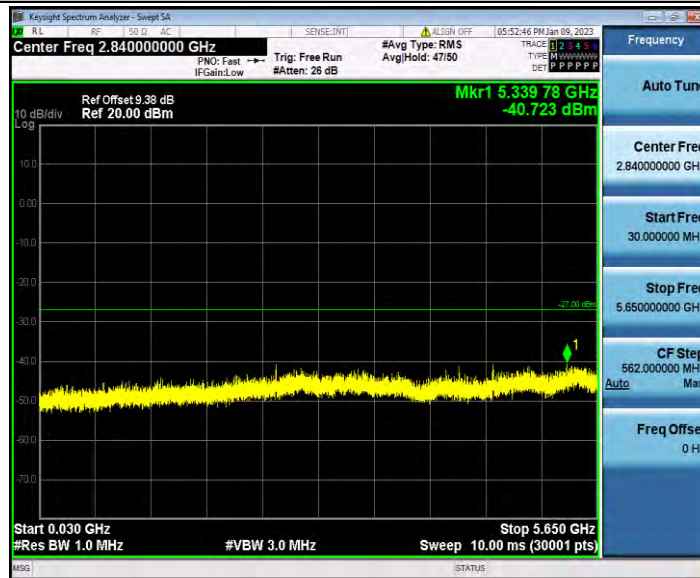
Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5339.78	-40.72	≤-27	PASS
			5925~40000	25584.46	-32.89	≤-27	PASS
		5785	30~5650	2409.13	-38.59	≤-27	PASS
			5925~40000	24116.24	-32.93	≤-27	PASS
		5825	30~5650	4654.14	-40.01	≤-27	PASS
			5925~40000	24279.92	-31.87	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4595.69	-40.4	≤-27	PASS
			5925~40000	24156.28	-32.66	≤-27	PASS
		5785	30~5650	5538.35	-39.61	≤-27	PASS
			5925~40000	25181.23	-32.39	≤-27	PASS
		5825	30~5650	4660.69	-39.63	≤-27	PASS
			5925~40000	23561.26	-31.72	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4588.76	-38.36	≤-27	PASS
			5925~40000	26084.64	-33.17	≤-27	PASS
		5795	30~5650	1739.23	-36.46	≤-27	PASS
			5925~40000	25235.32	-32.48	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5406.84	-40.16	≤-27	PASS
			5925~40000	24927.63	-32.38	≤-27	PASS
		5785	30~5650	5469.41	-40.46	≤-27	PASS
			5925~40000	24211.08	-32.53	≤-27	PASS
		5825	30~5650	4660.69	-38.49	≤-27	PASS
			5925~40000	26560.24	-32.04	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5396.73	-38.69	≤-27	PASS
			5925~40000	24333.31	-32.25	≤-27	PASS
		5795	30~5650	4636.34	-38.65	≤-27	PASS
			5925~40000	25151.72	-32.32	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5447.12	-40.61	≤-27	PASS
			5925~40000	23500.85	-33.18	≤-27	PASS
		5785	30~5650	4628.28	-38.48	≤-27	PASS
			5925~40000	25037.92	-31.83	≤-27	PASS
		5825	30~5650	4660.32	-39.66	≤-27	PASS
			5925~40000	23541.59	-31.84	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4621.73	-37.15	≤-27	PASS
			5925~40000	24835.6	-32.1	≤-27	PASS
		5795	30~5650	4654.14	-38.29	≤-27	PASS
			5925~40000	24300.29	-32.59	≤-27	PASS

Test Graphs

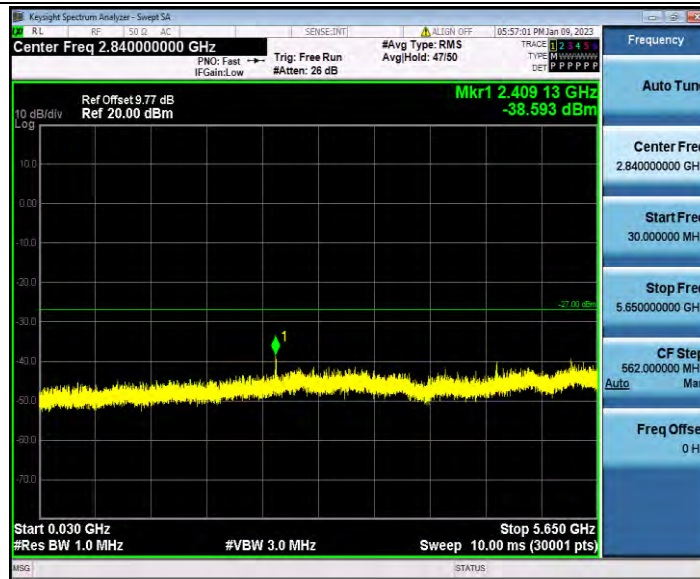
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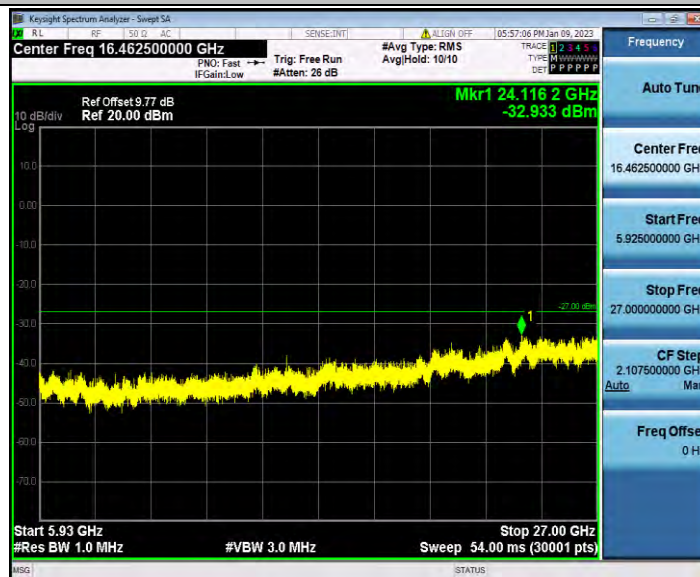
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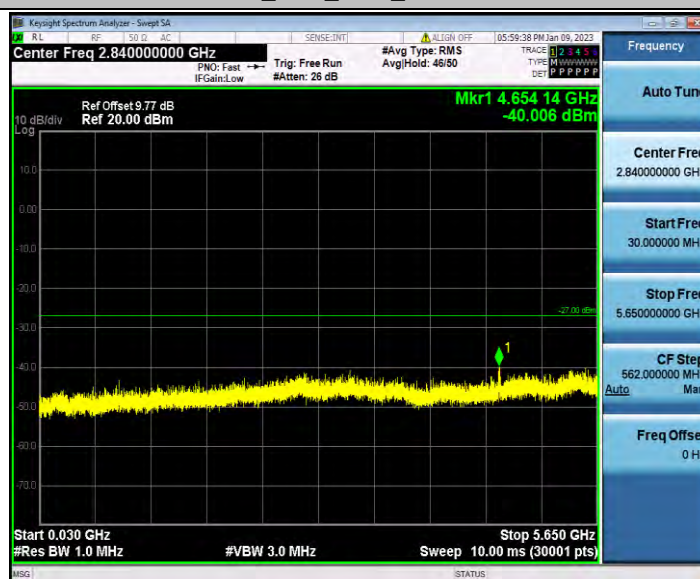
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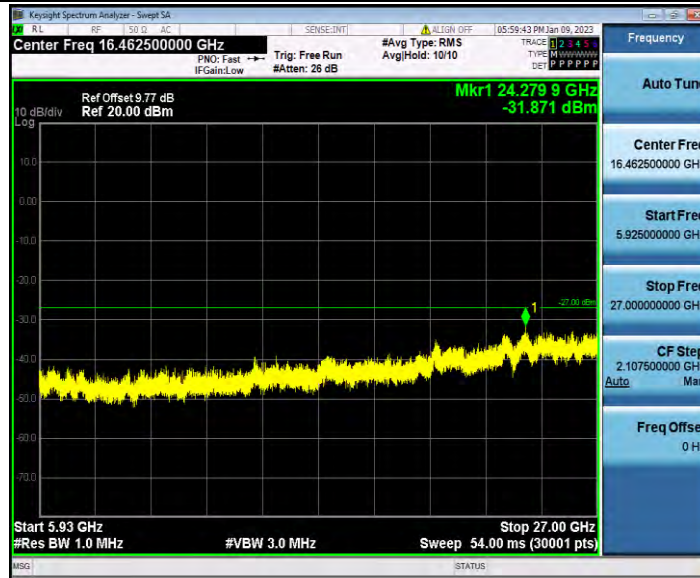
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11A_Ant1_5825_30~5650



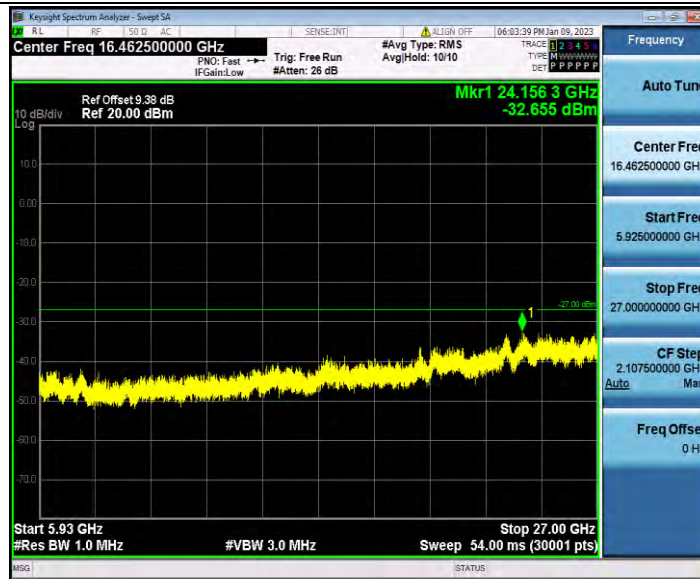
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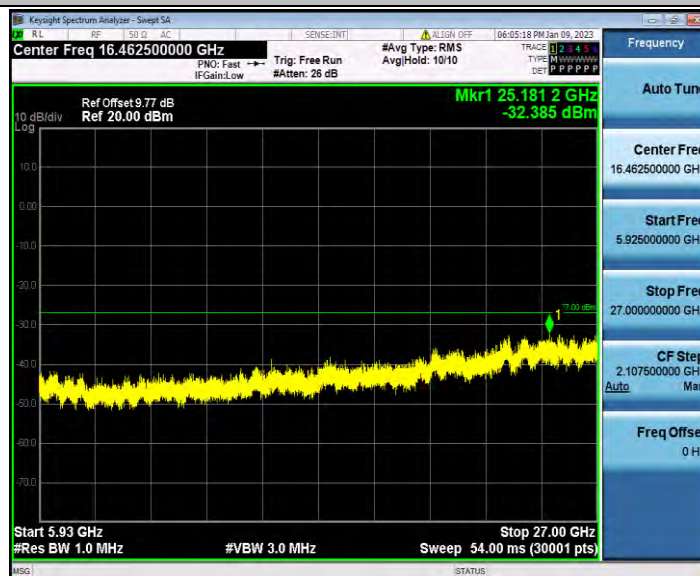
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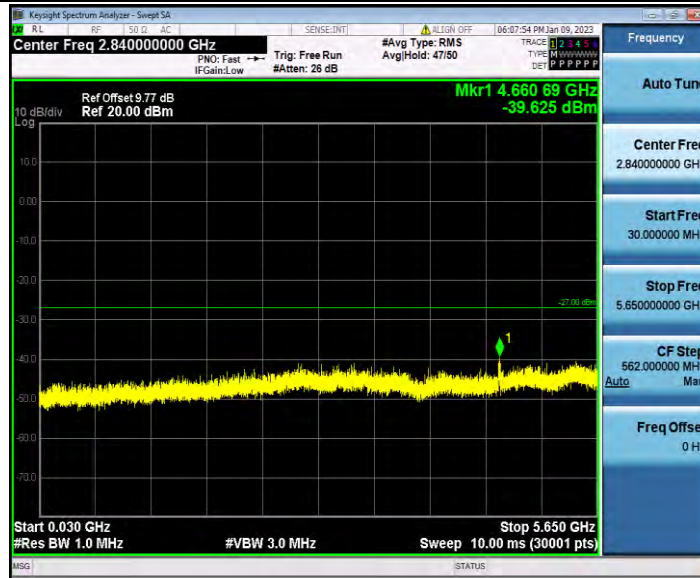
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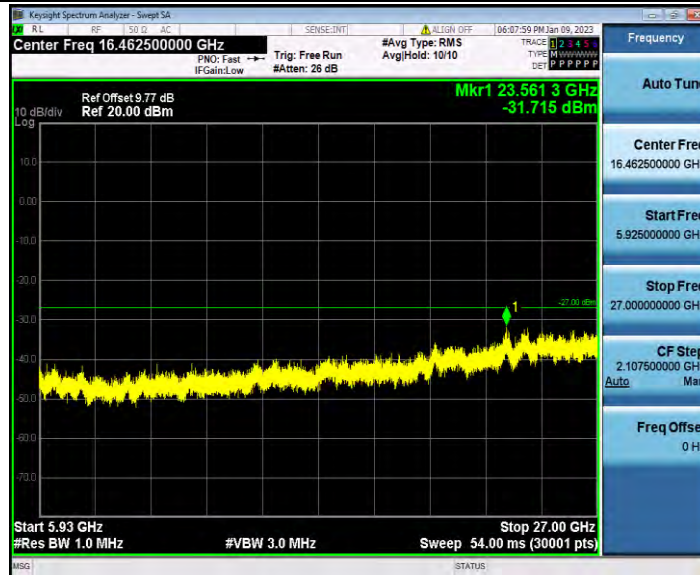
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11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



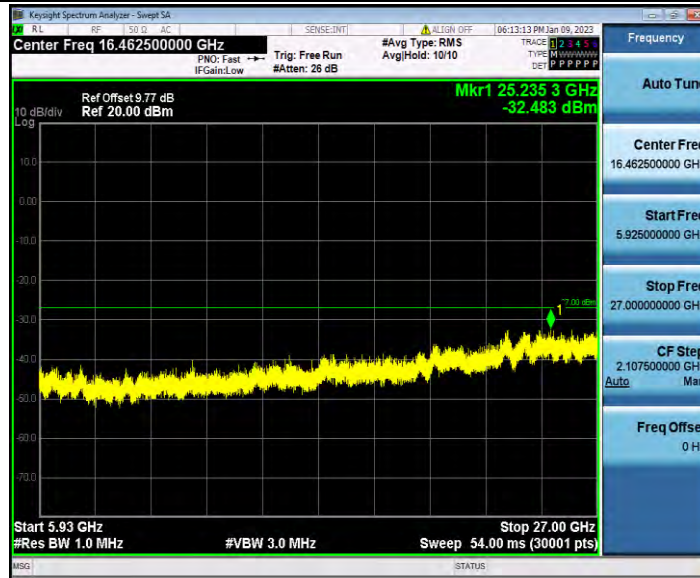
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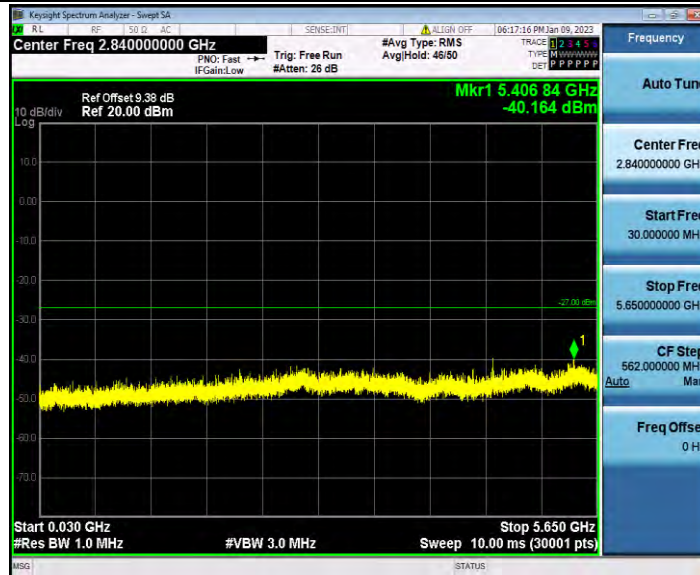
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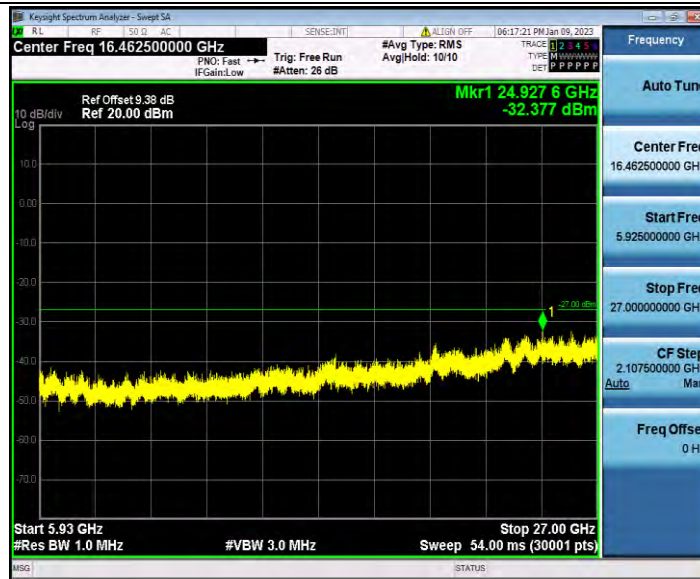
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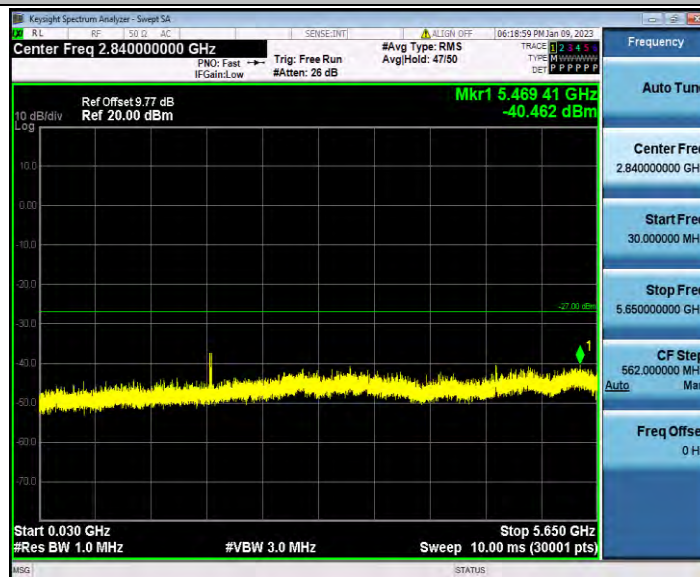
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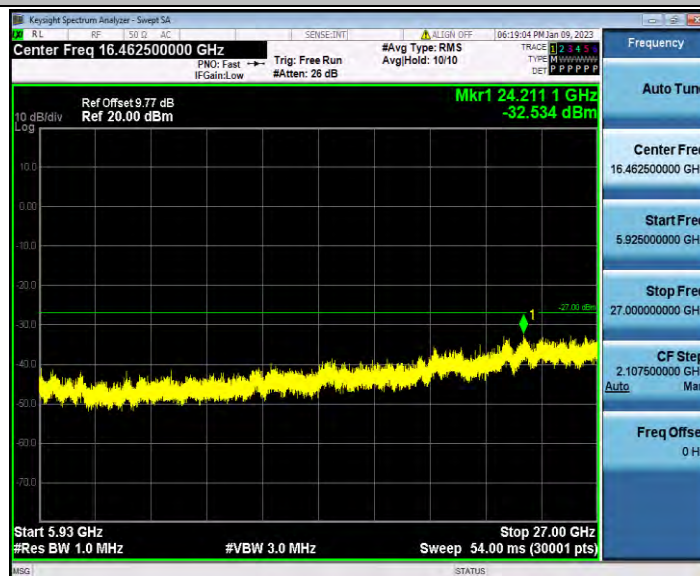
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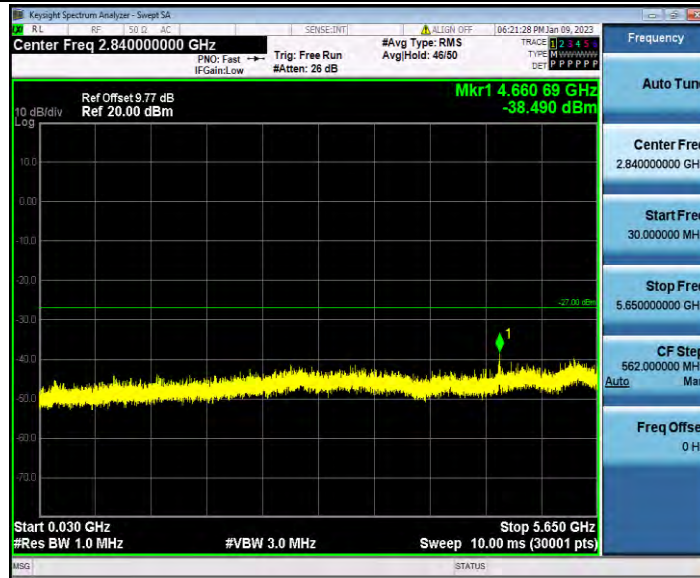
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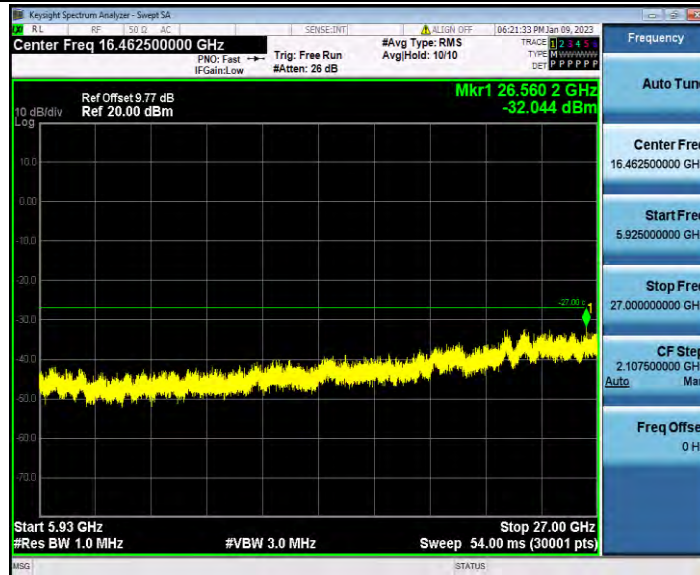
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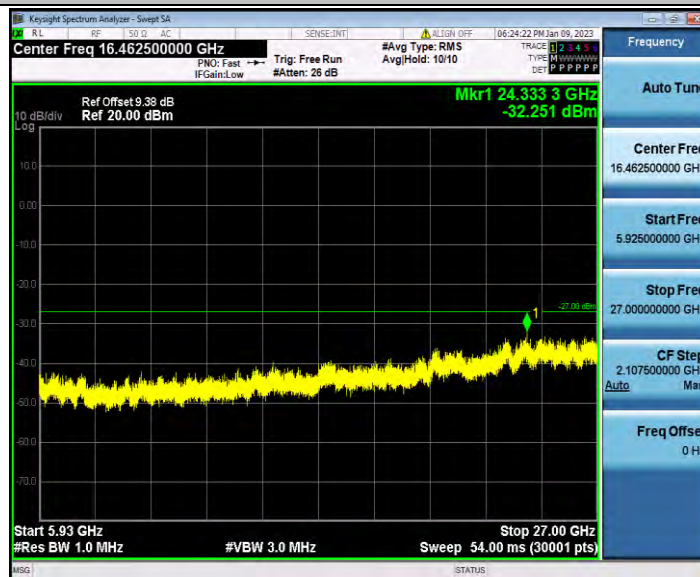
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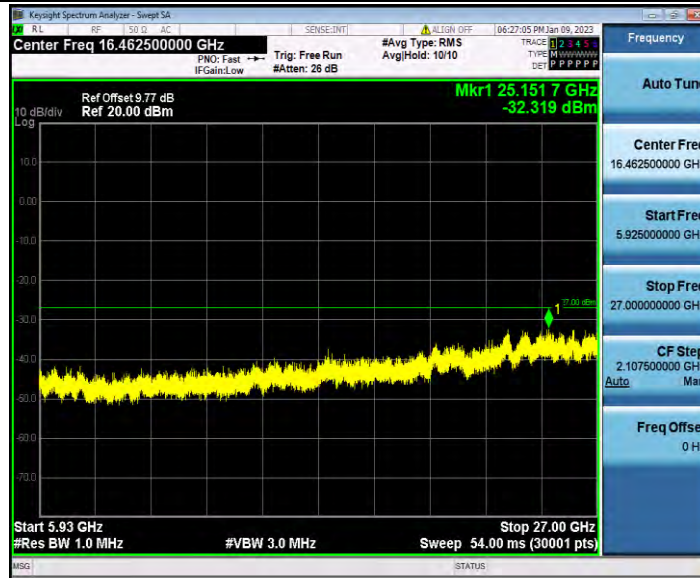
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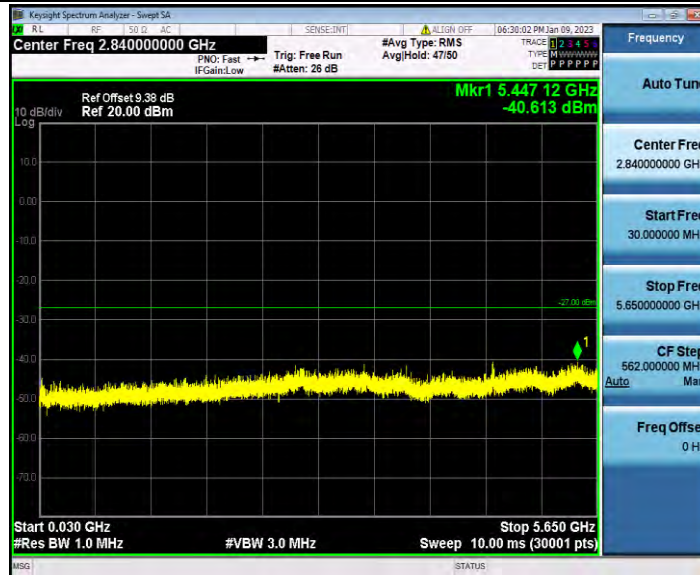
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11AX20SISO_Ant1_5745_30~5650



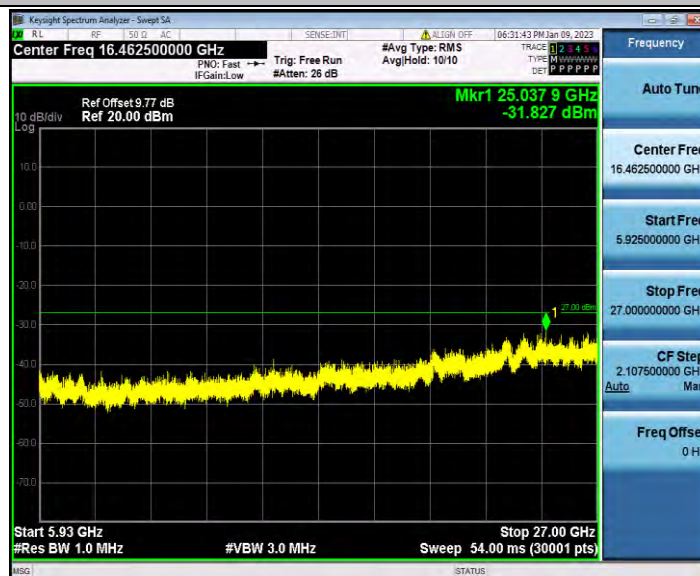
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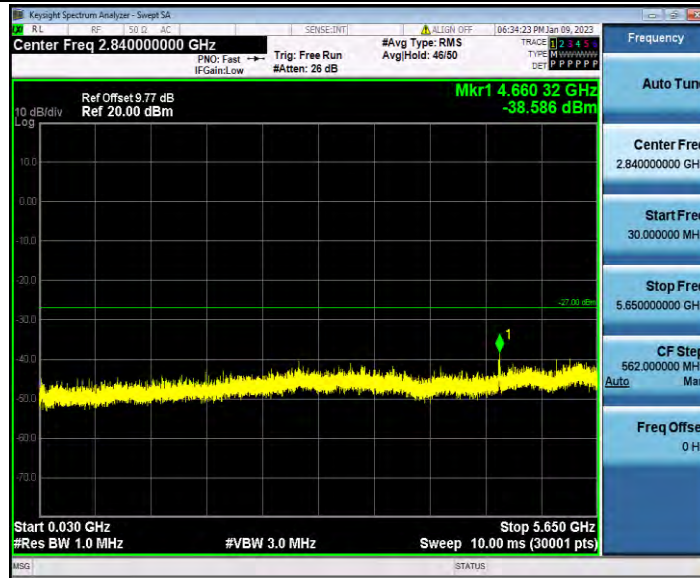
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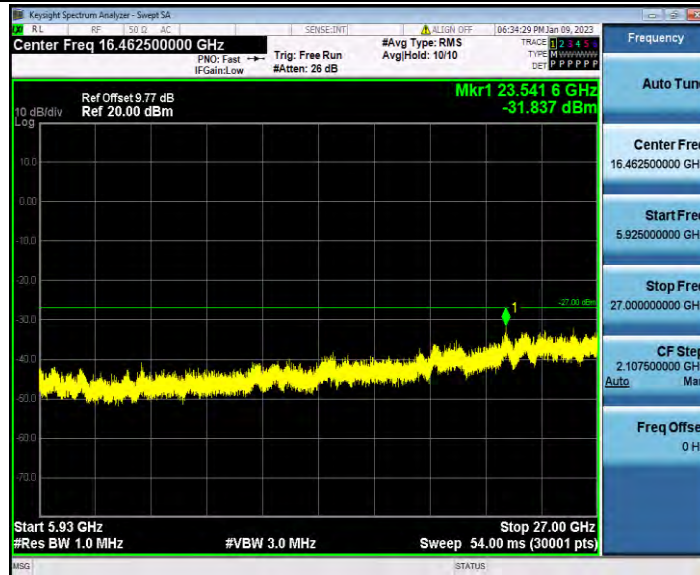
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11AX20SISO_Ant1_5825_30~5650



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

