

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	Ant1	5745	10.31	96.53	0.15	10.46	≤30.00	PASS
		5785	10.70	96.53	0.15	10.85	≤30.00	PASS
		5825	10.31	95.86	0.18	10.49	≤30.00	PASS
11N20SISO	Ant1	5745	10.24	95.86	0.18	10.42	≤30.00	PASS
		5785	10.52	95.86	0.18	10.70	≤30.00	PASS
		5825	10.35	96.53	0.15	10.50	≤30.00	PASS
11N40SISO	Ant1	5755	8.82	92.86	0.32	9.14	≤30.00	PASS
		5795	9.36	92.86	0.32	9.68	≤30.00	PASS
11AC20SISO	Ant1	5745	9.13	96.32	0.16	9.29	≤30.00	PASS
		5785	9.37	95.62	0.19	9.56	≤30.00	PASS
		5825	9.10	96.32	0.16	9.26	≤30.00	PASS
11AC40SISO	Ant1	5755	8.84	92.86	0.32	9.16	≤30.00	PASS
		5795	9.29	91.55	0.38	9.67	≤30.00	PASS
11AC80SISO	Ant1	5775	9.68	86.49	0.63	10.31	≤30.00	PASS
11AX20SISO	Ant1	5745	9.18	95.62	0.19	9.37	≤30.00	PASS
		5785	9.48	96.32	0.16	9.64	≤30.00	PASS
		5825	9.19	96.32	0.16	9.35	≤30.00	PASS
11AX40SISO	Ant1	5755	8.85	91.55	0.38	9.23	≤30.00	PASS
		5795	9.29	91.55	0.38	9.67	≤30.00	PASS
11AX80SISO	Ant1	5775	9.78	86.49	0.63	10.41	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.97	≤30.00	PASS
		5785	-2.57	≤30.00	PASS
		5825	-2.76	≤30.00	PASS
11N20SISO	Ant1	5745	-2.92	≤30.00	PASS
		5785	-2.44	≤30.00	PASS
		5825	-2.76	≤30.00	PASS
11N40SISO	Ant1	5755	-7.46	≤30.00	PASS
		5795	-6.76	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.38	≤30.00	PASS
		5785	-3.96	≤30.00	PASS
		5825	-4.18	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.44	≤30.00	PASS
		5795	-6.72	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.18	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.18	≤30.00	PASS
		5785	-3.89	≤30.00	PASS
		5825	-4.08	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.23	≤30.00	PASS
		5795	-6.69	≤30.00	PASS
11AX80SISO	Ant1	5775	-8.92	≤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



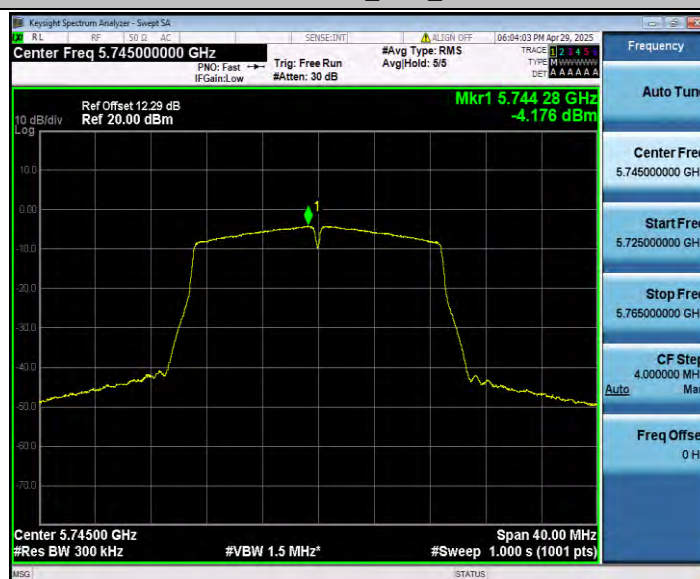
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11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



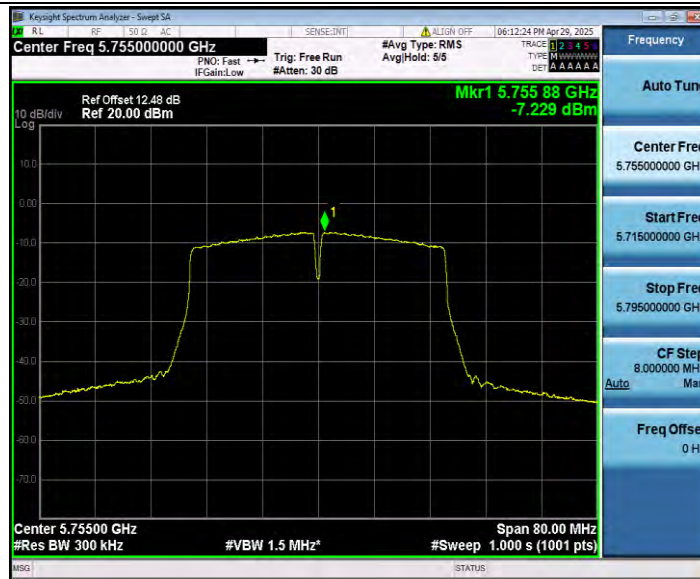
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11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.32	≤-26.96	PASS
				5700~5720	-38.89	≤10.47	PASS
				5720~5725	-38.07	≤16.87	PASS
				5760~5650	-38.81	≤-27	PASS
		High	5825	5850~5855	-38.44	≤17.26	PASS
				5855~5875	-39	≤10.06	PASS
				5875~5925	-37.6	≤-25.21	PASS
				5925~5935	-38.99	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.01	≤-26.79	PASS
				5700~5720	-38.8	≤10.60	PASS
				5720~5725	-38.85	≤15.82	PASS
				5760~5650	-39.06	≤-27	PASS
		High	5825	5850~5855	-40.04	≤16.03	PASS
				5855~5875	-38.14	≤10.36	PASS
				5875~5925	-38.9	≤-26.31	PASS
				5925~5935	-37.86	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.33	≤-26.60	PASS
				5700~5720	-38.03	≤10.14	PASS
				5720~5725	-33.91	≤17.28	PASS
				5780~5650	-38.57	≤-27	PASS
		High	5795	5850~5855	-40.31	≤15.66	PASS
				5855~5875	-38.64	≤10.16	PASS
				5875~5925	-37.93	≤-26.95	PASS
				5925~5935	-38.48	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.29	≤-26.19	PASS
				5700~5720	-39.12	≤10.09	PASS
				5720~5725	-38.43	≤16.60	PASS
				5760~5650	-38.61	≤-27	PASS
		High	5825	5850~5855	-38.15	≤16.03	PASS
				5855~5875	-37.98	≤10.17	PASS
				5875~5925	-38.51	≤-26.51	PASS
				5925~5935	-38.03	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.24	≤-26.60	PASS
				5700~5720	-38.62	≤10.74	PASS
				5720~5725	-33.53	≤18.51	PASS
				5780~5650	-37.3	≤-27	PASS

		High	5795	5850~5855	-38.99	≤ 16.41	PASS
				5855~5875	-38.63	≤ 10.48	PASS
				5875~5925	-38.26	≤ -26.71	PASS
				5925~5935	-36.35	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-39.4	≤ -26.91	PASS
				5700~5720	-31.35	≤ 10.96	PASS
				5720~5725	-30.67	≤ 15.65	PASS
				5800~5650	-39.53	≤ -27	PASS
		High	5775	5850~5855	-38.92	≤ 16.26	PASS
				5855~5875	-38.58	≤ 10.71	PASS
				5875~5925	-38.84	≤ -26.60	PASS
				5925~5935	-38.9	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.31	≤ -26.53	PASS
				5700~5720	-38.87	≤ 10.02	PASS
				5720~5725	-36.91	≤ 17.39	PASS
				5760~5650	-39.52	≤ -27	PASS
		High	5825	5850~5855	-39.12	≤ 15.73	PASS
				5855~5875	-38.64	≤ 10.40	PASS
				5875~5925	-37.81	≤ -25.91	PASS
				5925~5935	-37.71	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.79	≤ -26.90	PASS
				5700~5720	-34.54	≤ 13.88	PASS
				5720~5725	-34.33	≤ 15.74	PASS
				5780~5650	-39.16	≤ -27	PASS
		High	5795	5850~5855	-39.79	≤ 16.41	PASS
				5855~5875	-38.43	≤ 10.39	PASS
				5875~5925	-39.66	≤ -26.83	PASS
				5925~5935	-37.59	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-39.71	≤ -26.69	PASS
				5700~5720	-33.02	≤ 10.01	PASS
				5720~5725	-32.43	≤ 15.65	PASS
				5800~5650	-38.69	≤ -27	PASS
		High	5775	5850~5855	-38.58	≤ 15.84	PASS
				5855~5875	-38.96	≤ 10.19	PASS
				5875~5925	-40.48	≤ -26.73	PASS
				5925~5935	-38.65	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



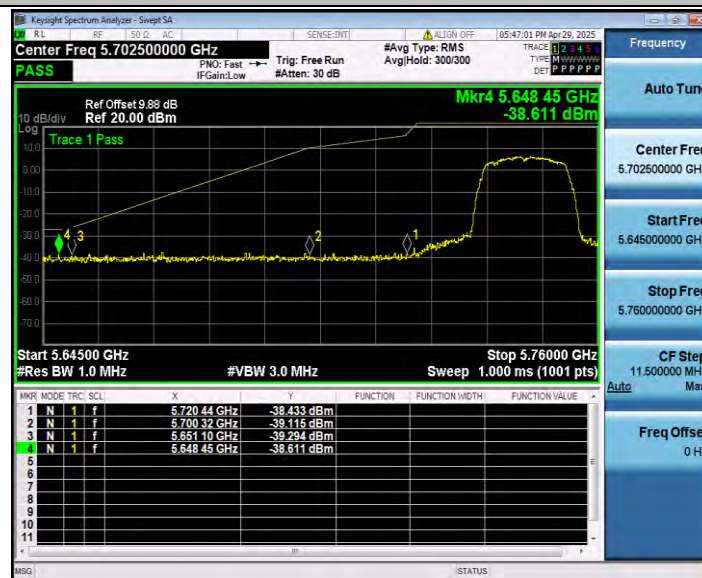
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11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_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	Ant1	5745	30~5650	5539.29	-40.82	≤-27	PASS
			5925~27000	24198.43	-31.58	≤-27	PASS
		5785	30~5650	5274.4	-38.68	≤-27	PASS
			5925~27000	26038.28	-31.43	≤-27	PASS
		5825	30~5650	5504.63	-39.87	≤-27	PASS
			5925~27000	24318.56	-31.19	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	3190.5	-40.46	≤-27	PASS
			5925~27000	26045.3	-31.73	≤-27	PASS
		5785	30~5650	5415.65	-39.36	≤-27	PASS
			5925~27000	24266.57	-31.32	≤-27	PASS
		5825	30~5650	5063.27	-40.19	≤-27	PASS
			5925~27000	26046.71	-31.47	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2668.03	-40.32	≤-27	PASS
			5925~27000	24866.51	-31.81	≤-27	PASS
		5795	30~5650	5471.1	-40.06	≤-27	PASS
			5925~27000	24272.9	-31.87	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5438.5	-40.56	≤-27	PASS
			5925~27000	24173.14	-32.01	≤-27	PASS
		5785	30~5650	5450.68	-39.7	≤-27	PASS
			5925~27000	26463.29	-30.7	≤-27	PASS
		5825	30~5650	5430.26	-39.97	≤-27	PASS
			5925~27000	26567.26	-31.4	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5452.18	-40.81	≤-27	PASS
			5925~27000	24312.24	-31	≤-27	PASS
		5795	30~5650	1762.27	-38.54	≤-27	PASS
			5925~27000	24265.87	-31.13	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5516.99	-40.79	≤-27	PASS
			5925~27000	25292.93	-32.3	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	3308.71	-40.22	≤-27	PASS
			5925~27000	23613.25	-31.6	≤-27	PASS
		5785	30~5650	5505.57	-40.19	≤-27	PASS
			5925~27000	24128.88	-31.76	≤-27	PASS
		5825	30~5650	5487.02	-40.27	≤-27	PASS
			5925~27000	23561.26	-32.06	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2657.72	-39.87	≤-27	PASS
			5925~27000	24301	-30.12	≤-27	PASS

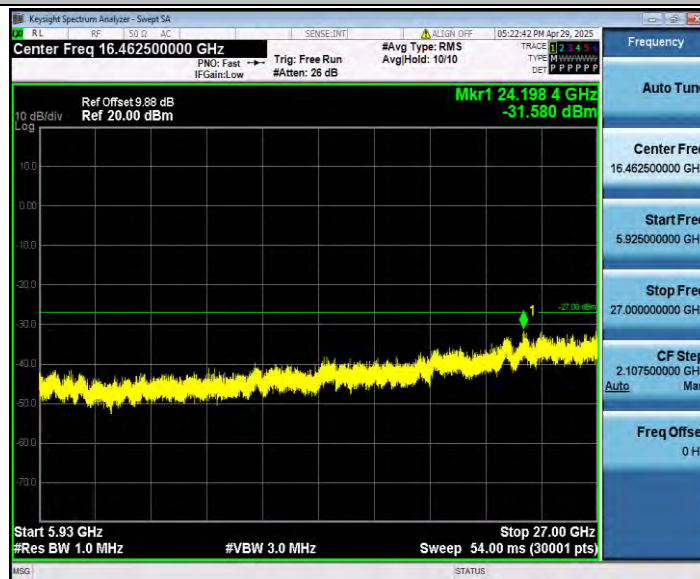
		5795	30~5650	3018.34	-39.37	≤ -27	PASS
			5925~27000	24848.95	-31.22	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	4944.32	-39.76	≤ -27	PASS
			5925~27000	23470.64	-31.9	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



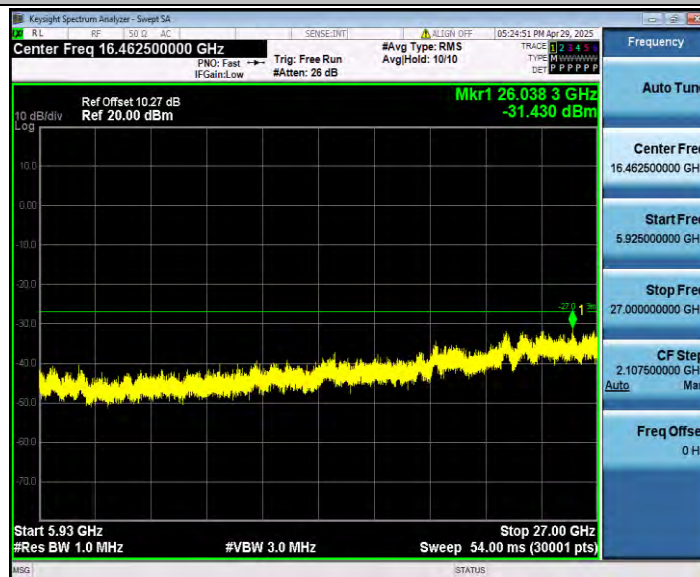
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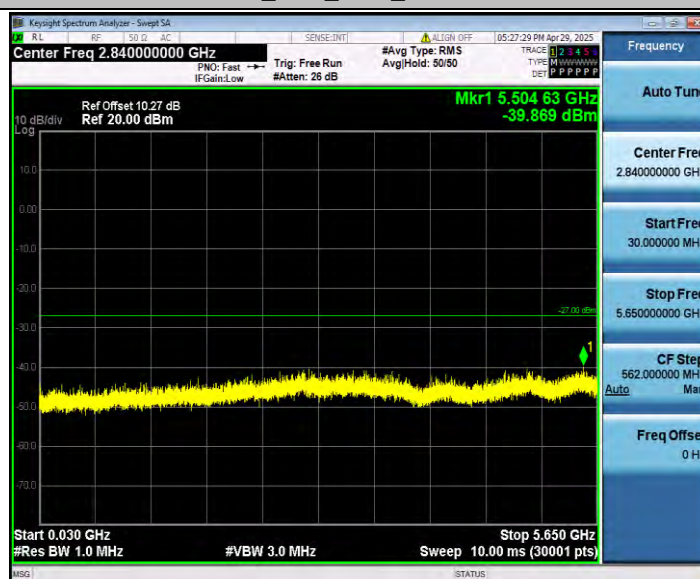
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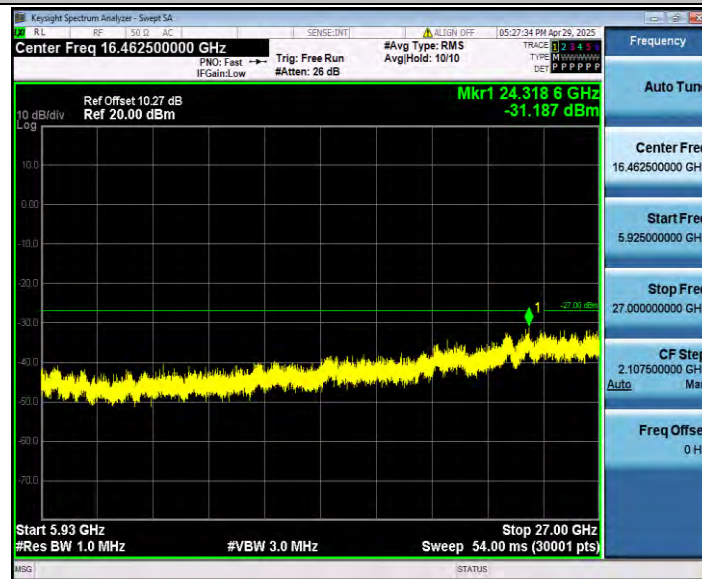
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11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



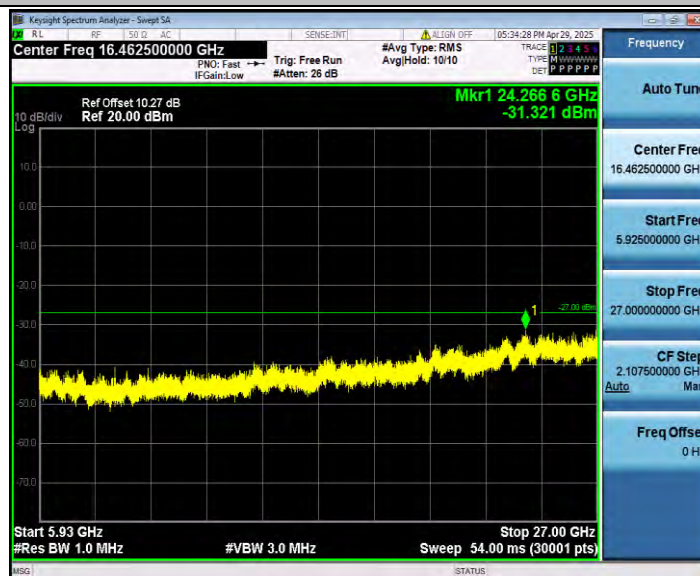
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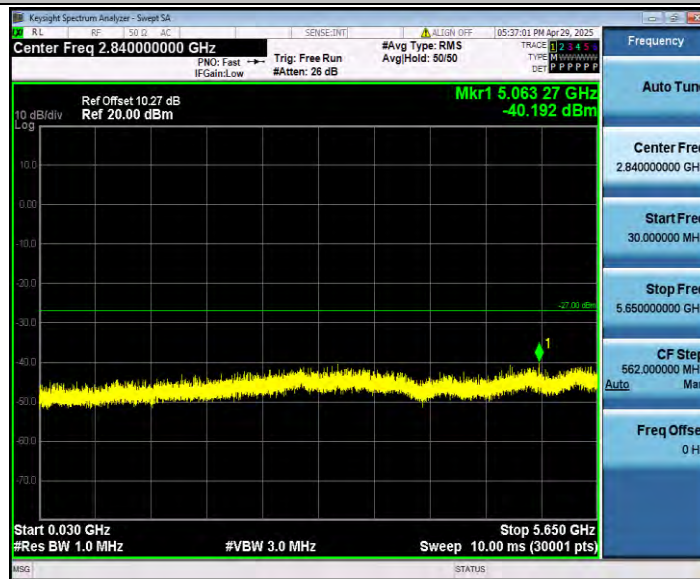
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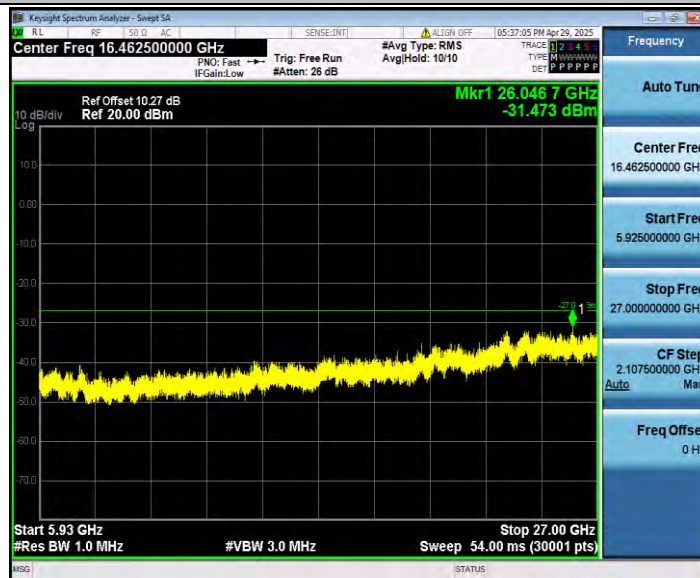
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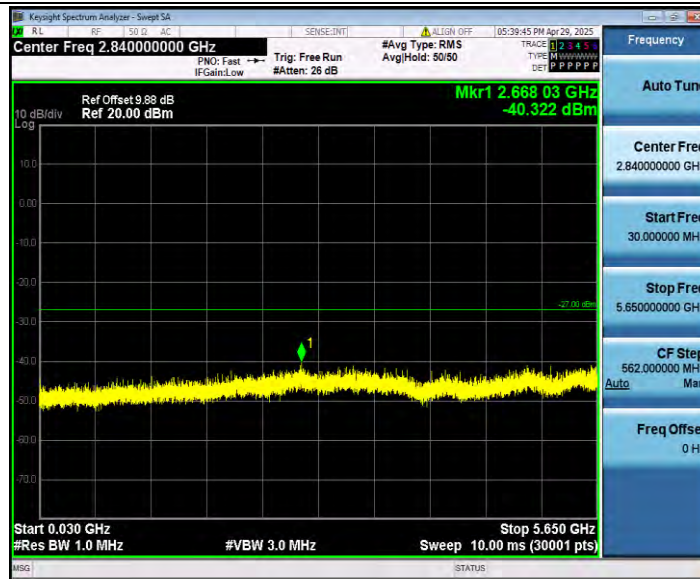
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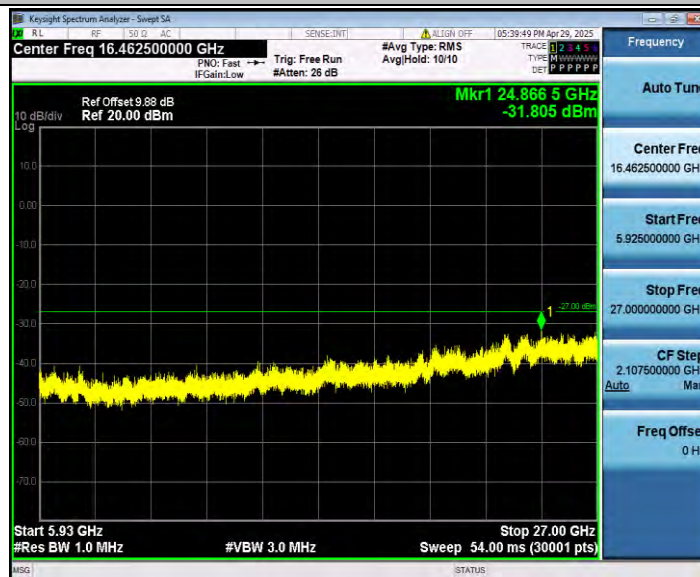
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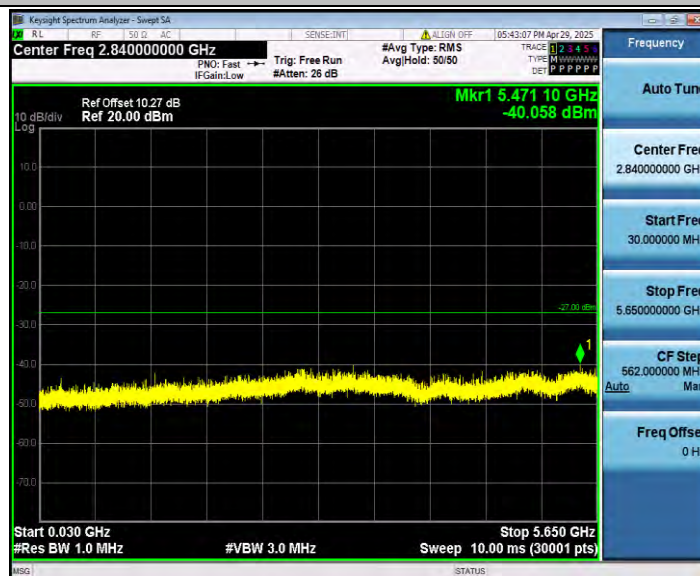
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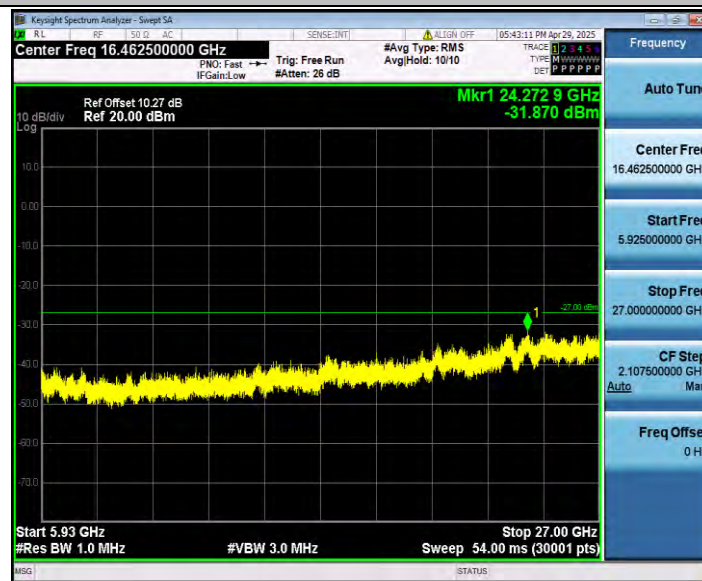
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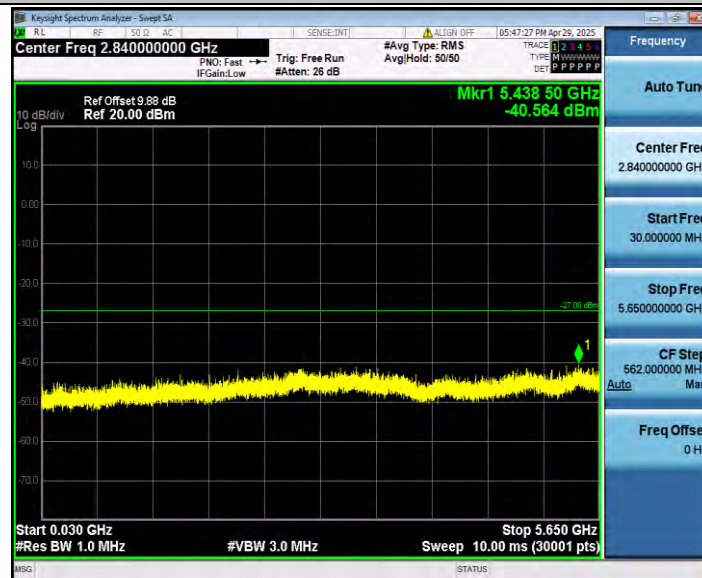
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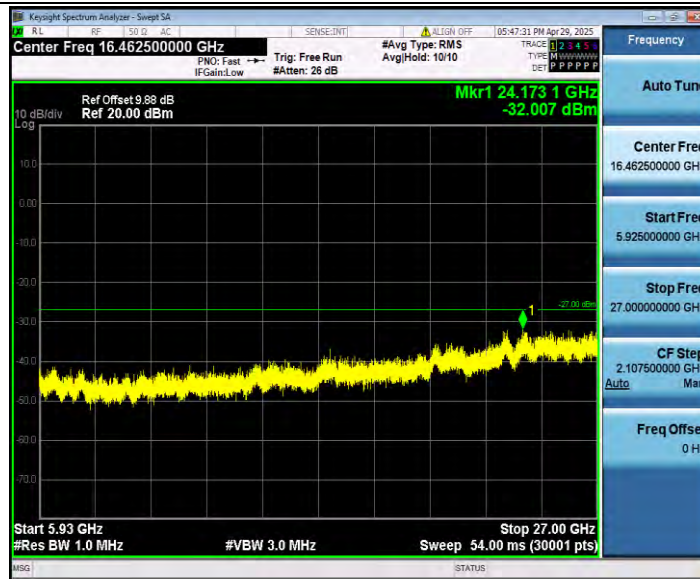
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11AC20SISO_Ant1_5745_30~5650



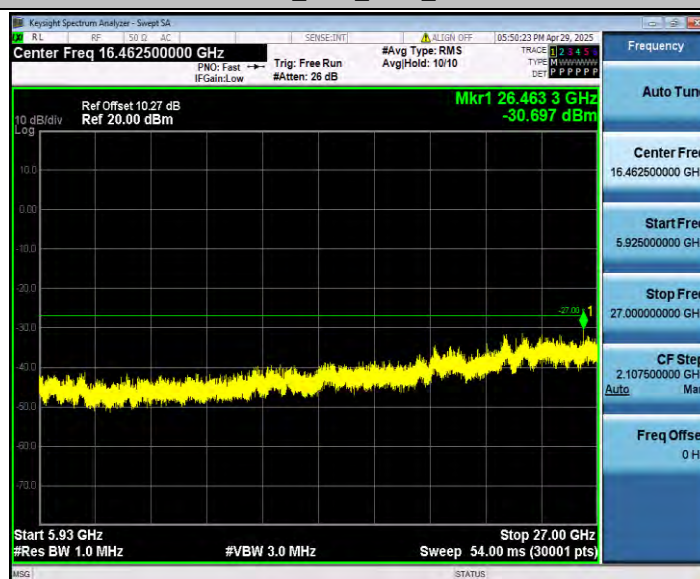
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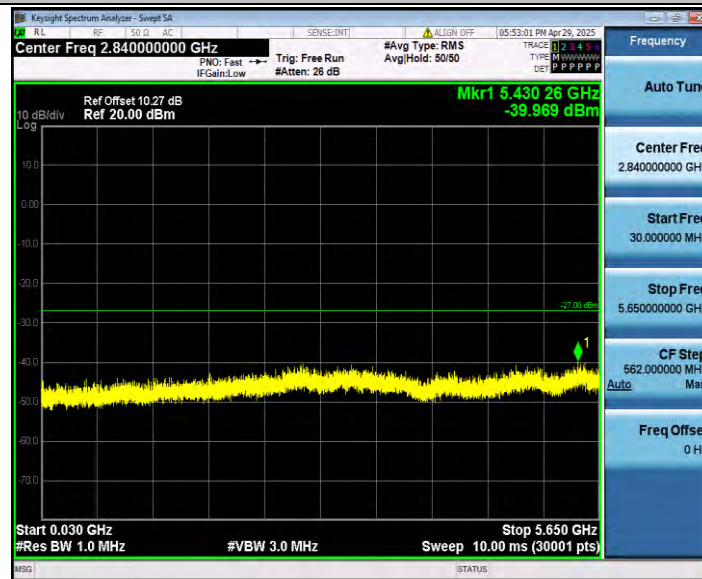
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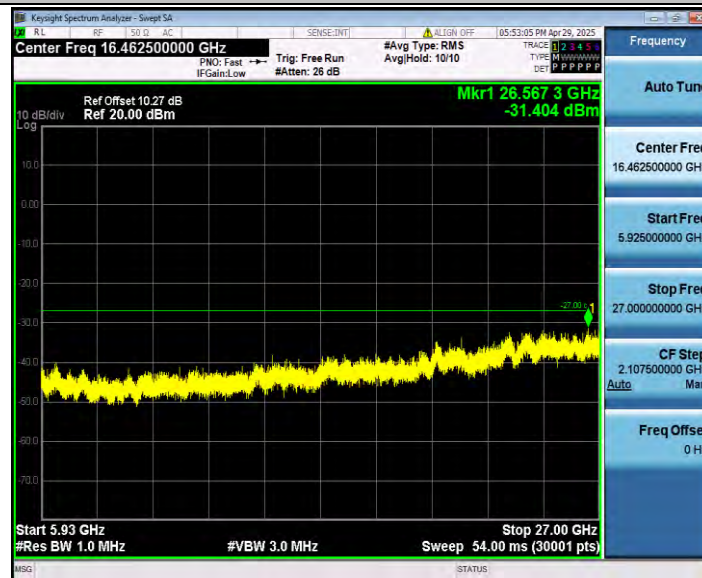
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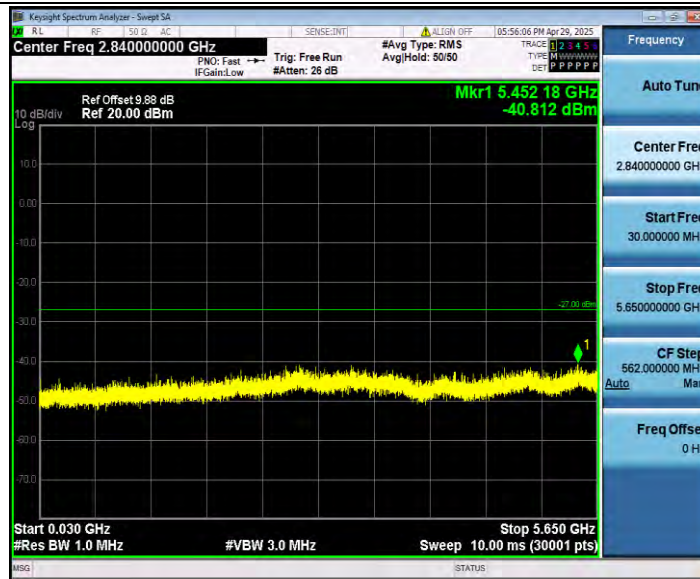
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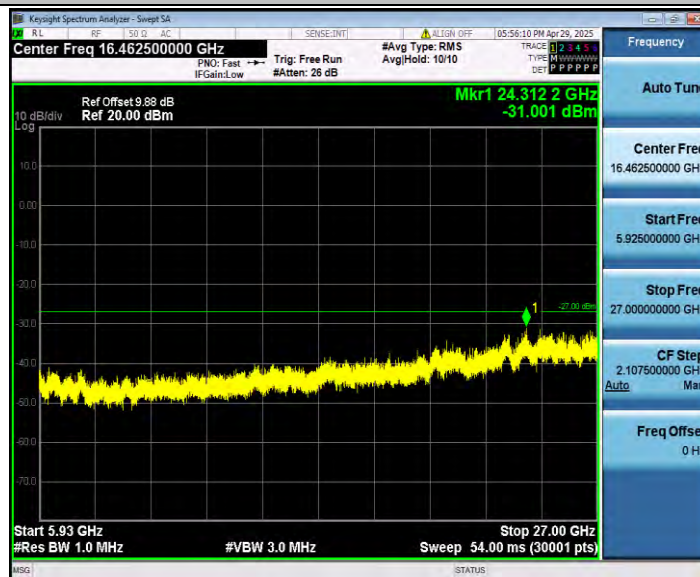
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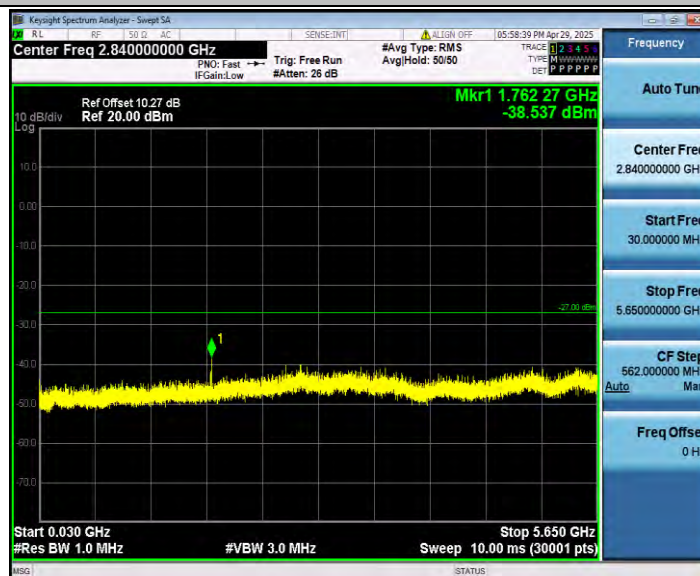
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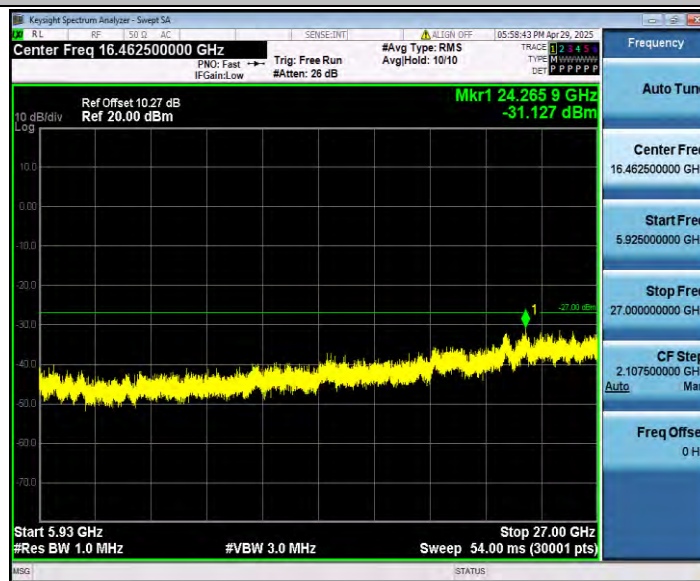
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11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



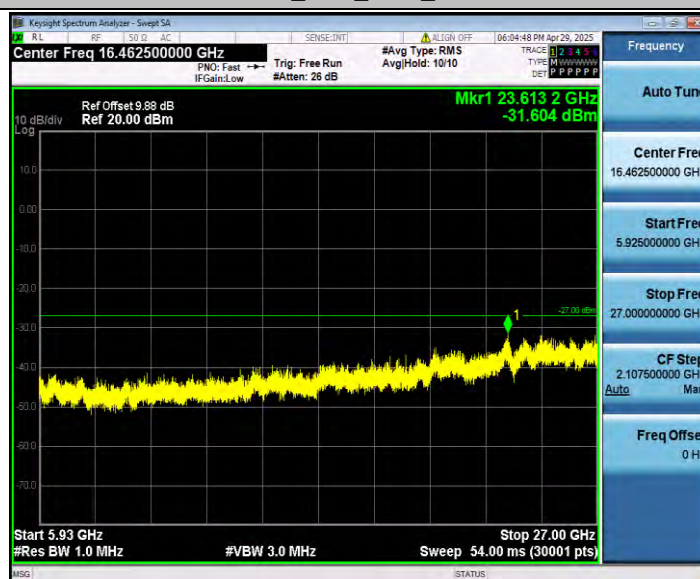
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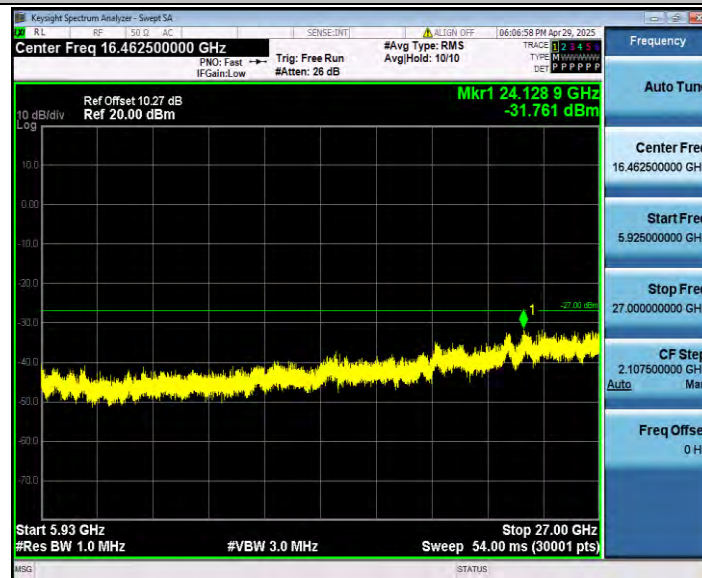
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11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



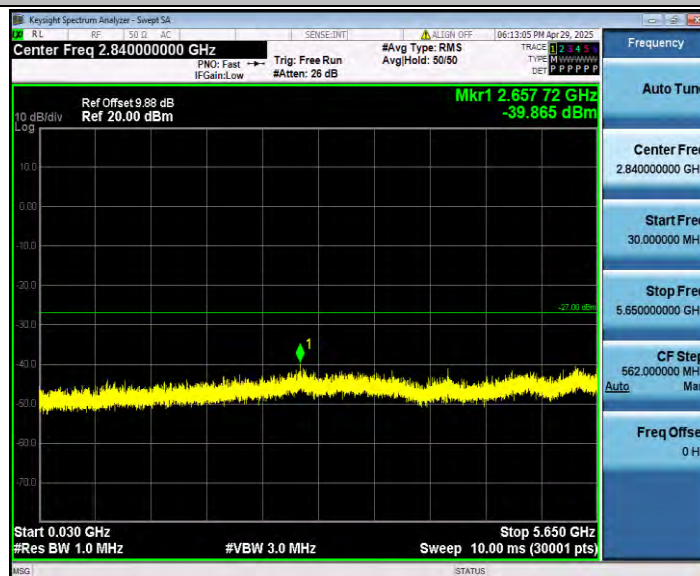
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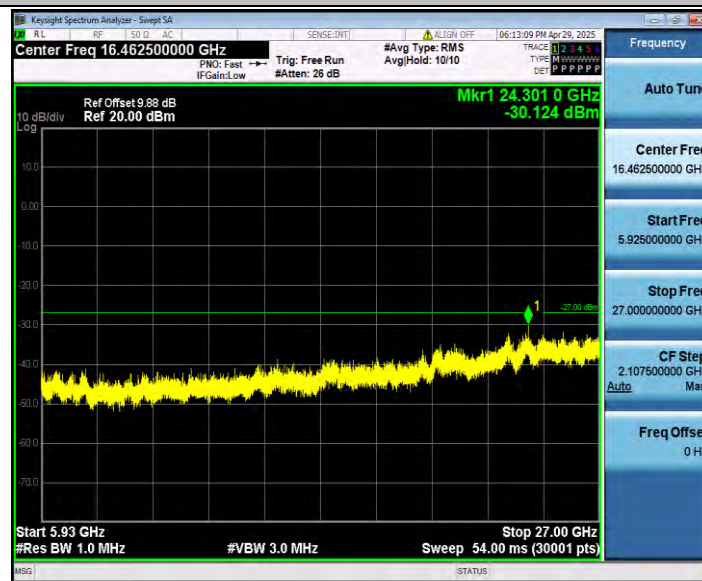
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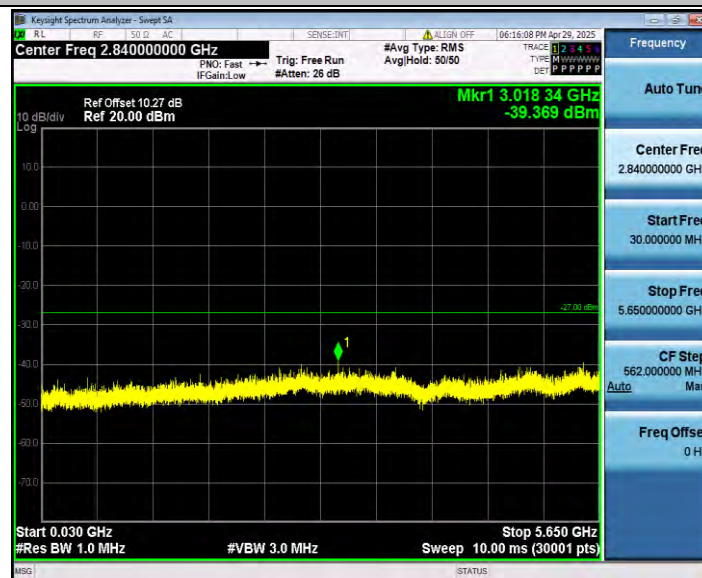
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11AX40SISO_Ant1_5755_5925~27000



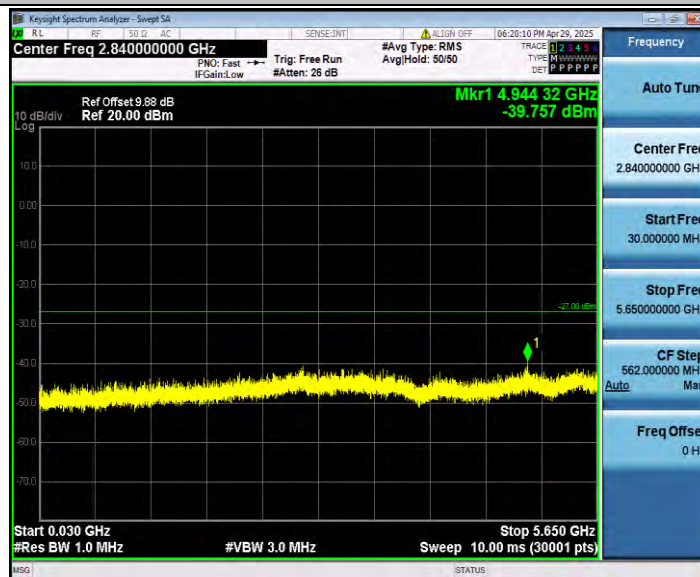
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11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000

