

Appendix C.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	Ant3	5745	9.43	95.89	0.18	9.61	≤30.00	PASS
		5785	9.23	95.86	0.18	9.41	≤30.00	PASS
		5825	7.53	95.86	0.18	7.71	≤30.00	PASS
11N20SISO	Ant3	5745	10.03	96.32	0.16	10.19	≤30.00	PASS
		5785	10.27	95.59	0.20	10.47	≤30.00	PASS
		5825	7.58	95.59	0.20	7.78	≤30.00	PASS
11N40SISO	Ant3	5755	8.90	92.86	0.32	9.22	≤30.00	PASS
		5795	8.16	91.55	0.38	8.54	≤30.00	PASS
11AC20SISO	Ant3	5745	9.74	93.24	0.30	10.04	≤30.00	PASS
		5785	9.42	93.24	0.30	9.72	≤30.00	PASS
		5825	7.70	93.24	0.30	8.00	≤30.00	PASS
11AC40SISO	Ant3	5755	8.80	85.37	0.69	9.49	≤30.00	PASS
		5795	8.79	85.37	0.69	9.48	≤30.00	PASS
11AC80SISO	Ant3	5775	3.95	34.55	4.62	8.57	≤30.00	PASS
11AX20SISO	Ant3	5745	10.26	90.00	0.46	10.72	≤30.00	PASS
		5785	9.43	90.00	0.46	9.89	≤30.00	PASS
		5825	7.98	90.00	0.46	8.44	≤30.00	PASS
11AX40SISO	Ant3	5755	8.69	83.33	0.79	9.48	≤30.00	PASS
		5795	8.05	83.33	0.79	8.84	≤30.00	PASS
11AX80SISO	Ant3	5775	4.48	32.08	4.94	9.42	≤30.00	PASS

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

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant3	5745	-3.92	≤30.00	PASS
		5785	-4.18	≤30.00	PASS
		5825	-6.01	≤30.00	PASS
11N20SISO	Ant3	5745	-3.77	≤30.00	PASS
		5785	-3.53	≤30.00	PASS
		5825	-6.27	≤30.00	PASS
11N40SISO	Ant3	5755	-6.51	≤30.00	PASS
		5795	-7.16	≤30.00	PASS
11AC20SISO	Ant3	5745	-3.96	≤30.00	PASS
		5785	-4.19	≤30.00	PASS
		5825	-5.94	≤30.00	PASS
11AC40SISO	Ant3	5755	-6.11	≤30.00	PASS
		5795	-5.98	≤30.00	PASS
11AC80SISO	Ant3	5775	-9.37	≤30.00	PASS
11AX20SISO	Ant3	5745	-3.76	≤30.00	PASS
		5785	-4.59	≤30.00	PASS
		5825	-5.93	≤30.00	PASS
11AX40SISO	Ant3	5755	-6.65	≤30.00	PASS
		5795	-7.19	≤30.00	PASS
11AX80SISO	Ant3	5775	-9.04	≤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_Ant3_5745



11A_Ant3_5785



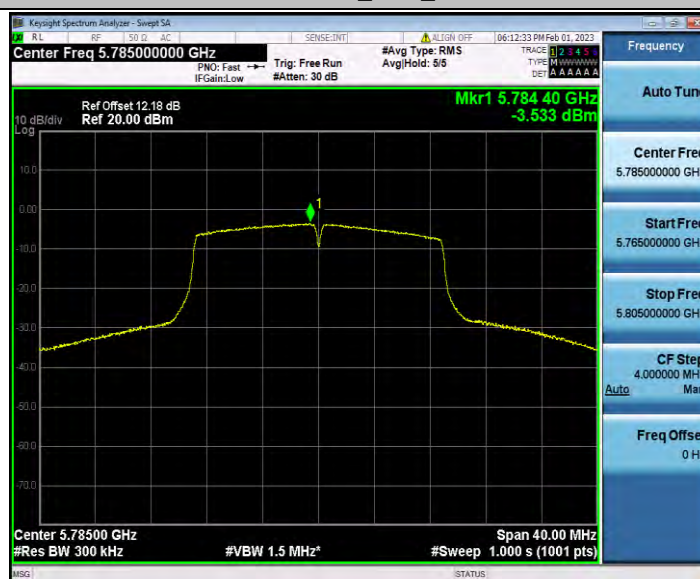
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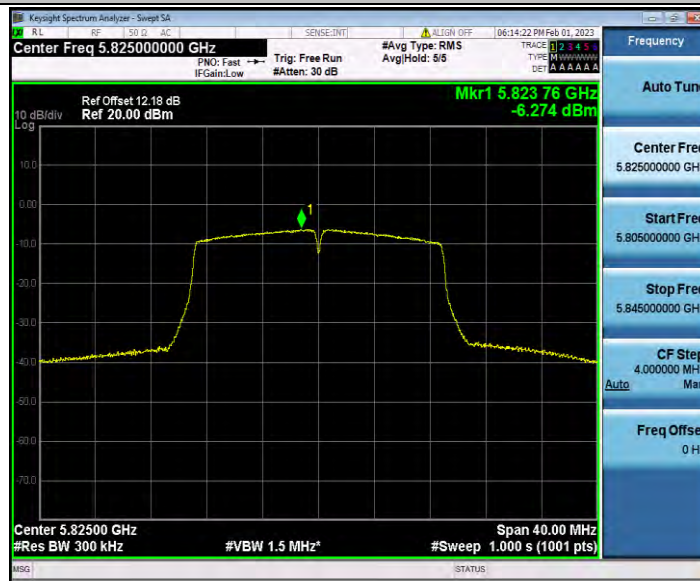
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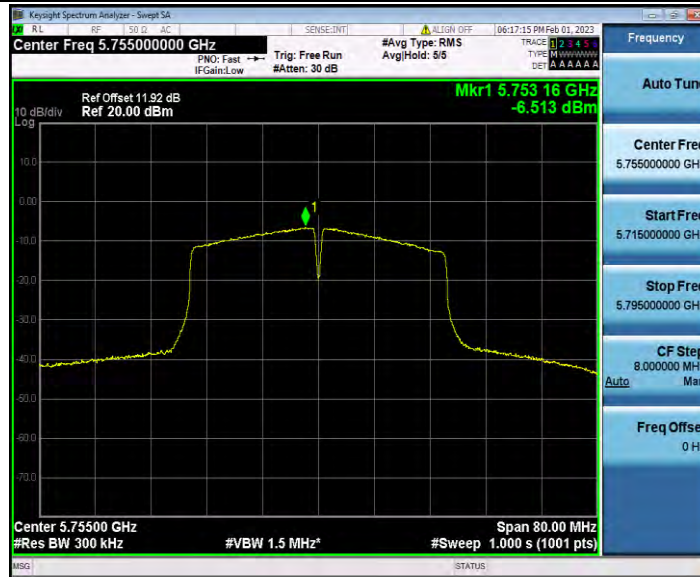
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11N20SISO_Ant3_5825



11N40SISO_Ant3_5755



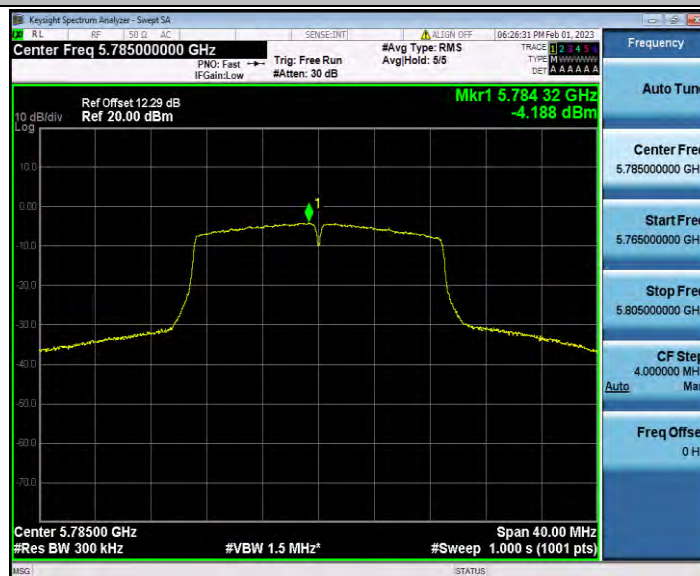
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11AC20SISO_Ant3_5745



11AC20SISO_Ant3_5785



11AC20SISO_Ant3_5825



11AC40SISO_Ant3_5755



11AC40SISO_Ant3_5795



11AC80SISO_Ant3_5775



11AX20SISO_Ant3_5745



11AX20SISO_Ant3_5785



11AX20SISO_Ant3_5825



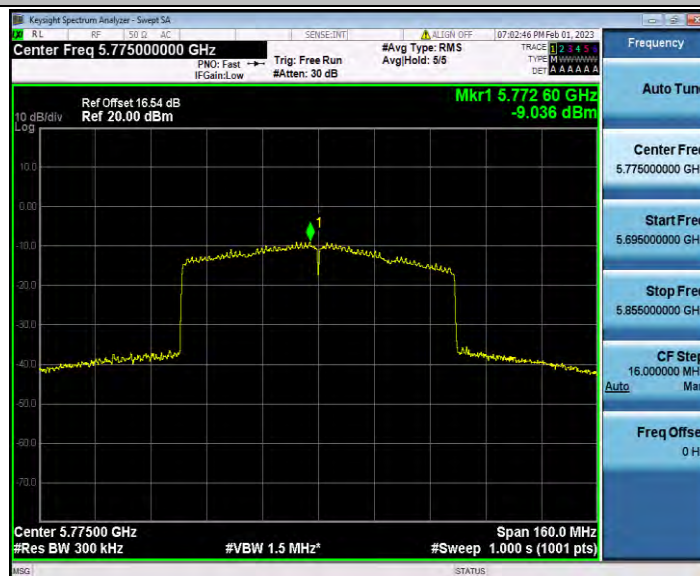
11AX40SISO_Ant3_5755



11AX40SISO_Ant3_5795



11AX80SISO_Ant3_5775



Appendix C.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant3	Low	5745	5650~5700	-31.12	≤9.89	PASS
				5700~5720	-24.56	≤15.05	PASS
				5720~5725	-21.37	≤20.80	PASS
				5760~5650	-39.15	≤-27	PASS
		High	5825	5850~5855	-29.16	≤23.49	PASS
				5855~5875	-31.12	≤13.73	PASS
				5875~5925	-36.59	≤-26.96	PASS
				5925~5935	-39.28	≤-27	PASS
11N20SI SO	Ant3	Low	5745	5650~5700	-31.04	≤5.04	PASS
				5700~5720	-22.74	≤15.56	PASS
				5720~5725	-19.48	≤24.47	PASS
				5760~5650	-39.08	≤-27	PASS
		High	5825	5850~5855	-28.36	≤22.57	PASS
				5855~5875	-31.61	≤10.36	PASS
				5875~5925	-36.65	≤-24.16	PASS
				5925~5935	-37.99	≤-27	PASS
11N40SI SO	Ant3	Low	5755	5650~5700	-31.25	≤6.36	PASS
				5700~5720	-23.8	≤14.67	PASS
				5720~5725	-22	≤22.20	PASS
				5780~5650	-38.69	≤-27	PASS
		High	5795	5850~5855	-35.23	≤17.54	PASS
				5855~5875	-35.15	≤11.61	PASS
				5875~5925	-37.21	≤-25.95	PASS
				5925~5935	-39.19	≤-27	PASS
11AC20S ISO	Ant3	Low	5745	5650~5700	-32.64	≤7.51	PASS
				5700~5720	-24.7	≤15.11	PASS
				5720~5725	-18.54	≤26.83	PASS
				5760~5650	-40.29	≤-27	PASS
		High	5825	5850~5855	-28.75	≤16.10	PASS
				5855~5875	-29.83	≤11.87	PASS
				5875~5925	-35.98	≤-20.86	PASS
				5925~5935	-38.46	≤-27	PASS
11AC40S ISO	Ant3	Low	5755	5650~5700	-30.6	≤9.96	PASS
				5700~5720	-20.38	≤15.54	PASS
				5720~5725	-19.43	≤17.89	PASS
				5780~5650	-38.21	≤-27	PASS

		High	5795	5850~5855	-32.25	≤19.04	PASS
				5855~5875	-33.6	≤10.18	PASS
				5875~5925	-36.26	≤-24.97	PASS
				5925~5935	-38.89	≤-27	PASS
11AC80S ISO	Ant3	Low	5775	5650~5700	-29.04	≤3.60	PASS
				5700~5720	-23.28	≤15.52	PASS
				5720~5725	-23.68	≤15.65	PASS
				5800~5650	-32.84	≤-27	PASS
		High	5775	5850~5855	-28.06	≤26.76	PASS
				5855~5875	-28.85	≤10.07	PASS
				5875~5925	-34.9	≤-26.96	PASS
				5925~5935	-37.19	≤-27	PASS
11AX20SI SO	Ant3	Low	5745	5650~5700	-28.79	≤6.49	PASS
				5700~5720	-20.28	≤15.56	PASS
				5720~5725	-18.07	≤23.42	PASS
				5760~5650	-38.21	≤-27	PASS
		High	5825	5850~5855	-25.2	≤17.33	PASS
				5855~5875	-31.62	≤10.55	PASS
				5875~5925	-37.17	≤-26.46	PASS
				5925~5935	-38.74	≤-27	PASS
11AX40SI SO	Ant3	Low	5755	5650~5700	-27.86	≤4.17	PASS
				5700~5720	-21.93	≤15.28	PASS
				5720~5725	-19.43	≤26.51	PASS
				5780~5650	-37.34	≤-27	PASS
		High	5795	5850~5855	-33.03	≤15.66	PASS
				5855~5875	-31.34	≤11.15	PASS
				5875~5925	-36.34	≤-18.50	PASS
				5925~5935	-39.47	≤-27	PASS
11AX80SI SO	Ant3	Low	5775	5650~5700	-26.01	≤9.45	PASS
				5700~5720	-23.29	≤14.65	PASS
				5720~5725	-23.28	≤18.12	PASS
				5800~5650	-35.52	≤-27	PASS
		High	5775	5850~5855	-28.12	≤26.76	PASS
				5855~5875	-29.63	≤10.44	PASS
				5875~5925	-34.78	≤-26.41	PASS
				5925~5935	-37.94	≤-27	PASS

Test Graphs B4

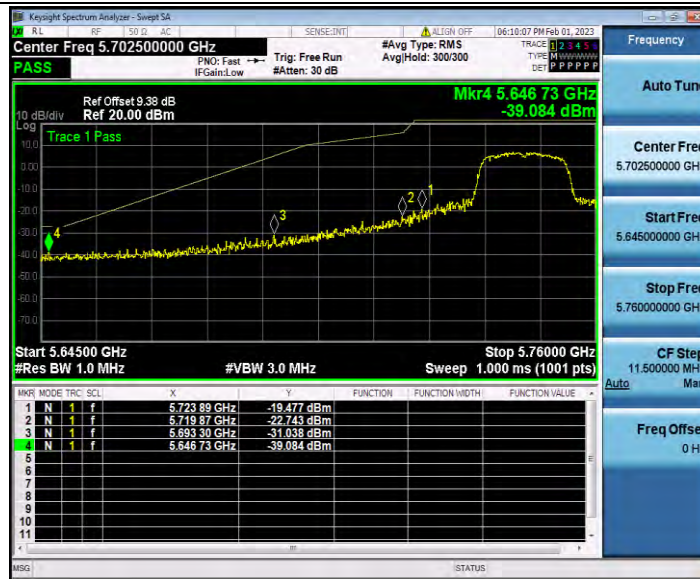
11A_Ant3_Low_5745



11A_Ant3_High_5825



11N20SISO_Ant3_Low_5745



11N20SISO_Ant3_High_5825



11N40SISO_Ant3_Low_5755



11N40SISO_Ant3_High_5795



11AC20SISO_Ant3_Low_5745



11AC20SISO_Ant3_High_5825



11AC40SISO_Ant3_Low_5755



11AC40SISO_Ant3_High_5795



11AC80SISO_Ant3_Low_5775



11AC80SISO_Ant3_High_5775



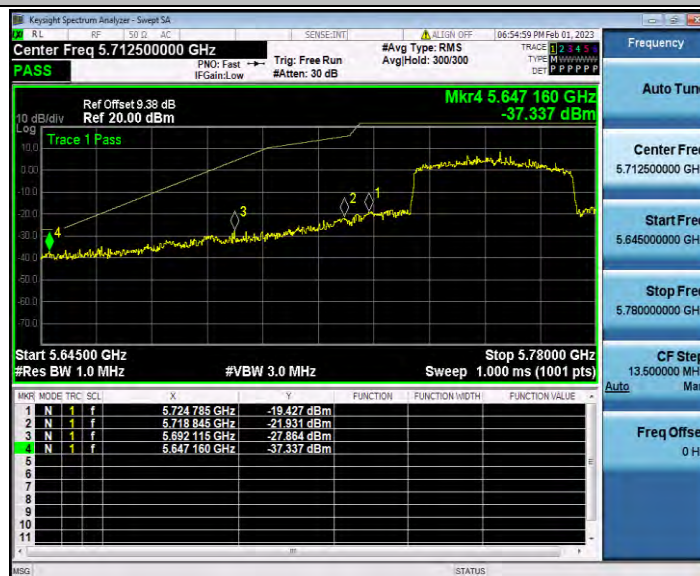
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11AX20SISO_Ant3_High_5825



11AX40SISO_Ant3_Low_5755



11AX40SISO_Ant3_High_5795



11AX80SISO_Ant3_Low_5775



11AX80SISO_Ant3_High_5775



Appendix C.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant3	5745	30~5650	5549.59	-40.97	≤-27	PASS
			5925~40000	23499.44	-33.09	≤-27	PASS
		5785	30~5650	5534.79	-40.15	≤-27	PASS
			5925~40000	26901.65	-31.18	≤-27	PASS
		5825	30~5650	5446.56	-40.92	≤-27	PASS
			5925~40000	26612.92	-31.86	≤-27	PASS
11N20SISO	Ant3	5745	30~5650	5390.54	-40.74	≤-27	PASS
			5925~40000	23564.07	-32.82	≤-27	PASS
		5785	30~5650	2667.28	-40.57	≤-27	PASS
			5925~40000	24801.88	-32.23	≤-27	PASS
		5825	30~5650	1762.27	-37.9	≤-27	PASS
			5925~40000	26475.23	-31.81	≤-27	PASS
11N40SISO	Ant3	5755	30~5650	1763.21	-38.87	≤-27	PASS
			5925~40000	24820.85	-32.32	≤-27	PASS
		5795	30~5650	5028.43	-40.85	≤-27	PASS
			5925~40000	25758.68	-32.82	≤-27	PASS
11AC20SISO	Ant3	5745	30~5650	5487.58	-40.84	≤-27	PASS
			5925~40000	26763.26	-33.08	≤-27	PASS
		5785	30~5650	5445.06	-40.4	≤-27	PASS
			5925~40000	26074.11	-31.31	≤-27	PASS
		5825	30~5650	5487.58	-40.55	≤-27	PASS
			5925~40000	23498.04	-32.29	≤-27	PASS
11AC40SISO	Ant3	5755	30~5650	5532.17	-40.49	≤-27	PASS
			5925~40000	26843.34	-32.1	≤-27	PASS
		5795	30~5650	5467.16	-40.82	≤-27	PASS
			5925~40000	26540.57	-31.96	≤-27	PASS
11AC80SISO	Ant3	5775	30~5650	5649.81	-38.66	≤-27	PASS
			5925~40000	26630.49	-32	≤-27	PASS
11AX20SISO	Ant3	5745	30~5650	5489.83	-40.38	≤-27	PASS
			5925~40000	24752.7	-31.45	≤-27	PASS
		5785	30~5650	2651.73	-39.78	≤-27	PASS
			5925~40000	24241.99	-31.55	≤-27	PASS
		5825	30~5650	2663.91	-40.19	≤-27	PASS
			5925~40000	26518.79	-32.41	≤-27	PASS
11AX40SISO	Ant3	5755	30~5650	5647.56	-39.78	≤-27	PASS
			5925~40000	25698.97	-32.87	≤-27	PASS

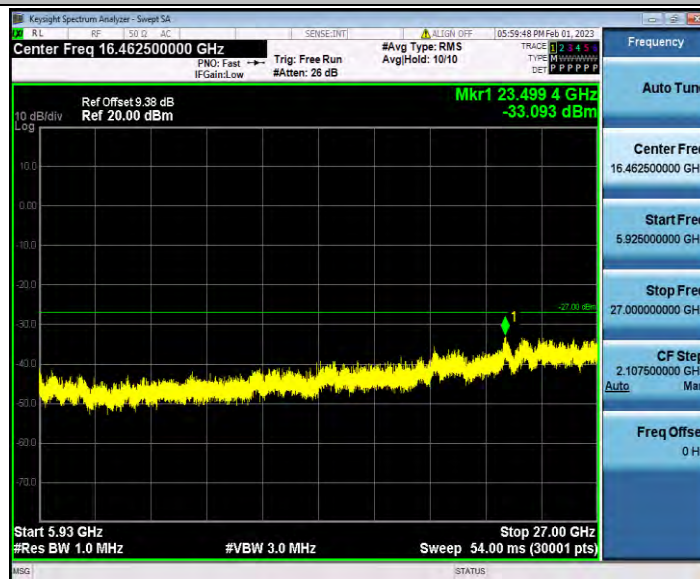
		5795	30~5650	5434.38	-40.6	≤-27	PASS
			5925~40000	26381.8	-32.77	≤-27	PASS
11AX80SISO	Ant3	5775	30~5650	5649.06	-37.17	≤-27	PASS
			5925~40000	23599.9	-32.93	≤-27	PASS

Test Graphs

11A_Ant3_5745_30~5650



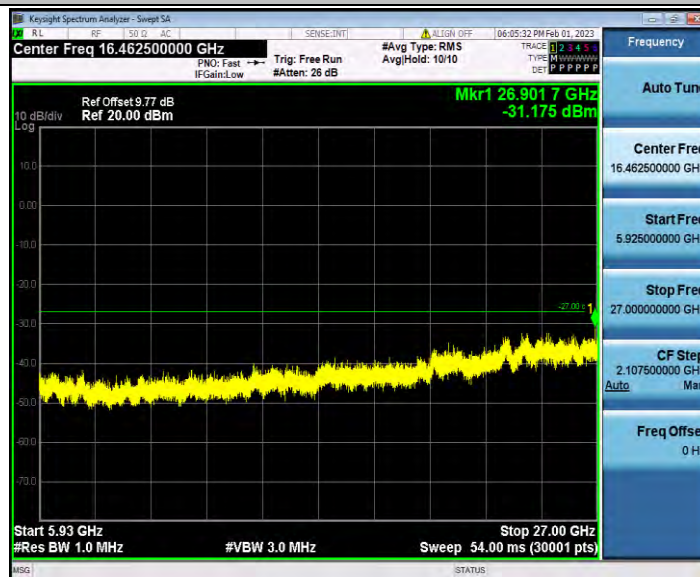
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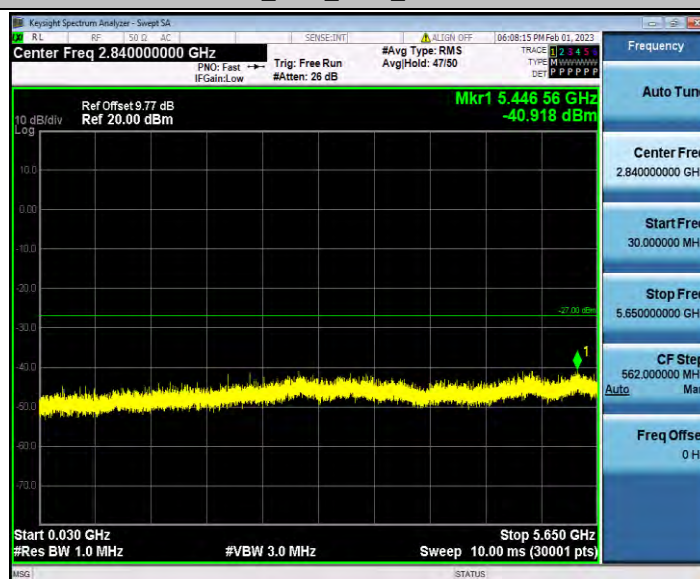
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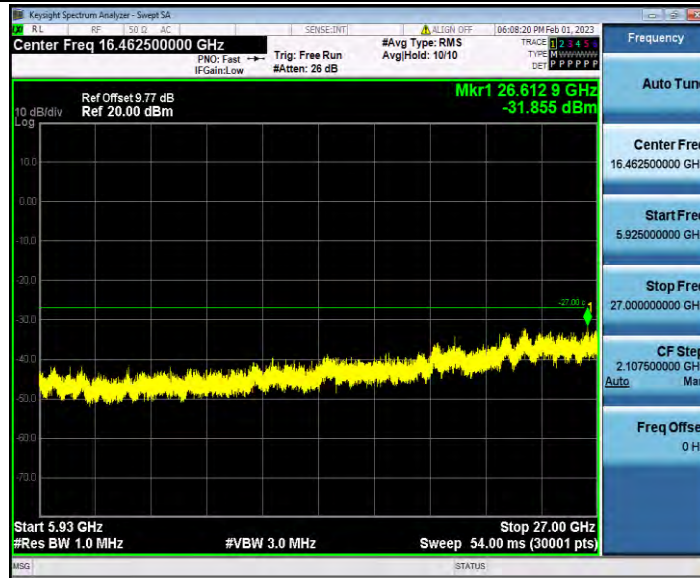
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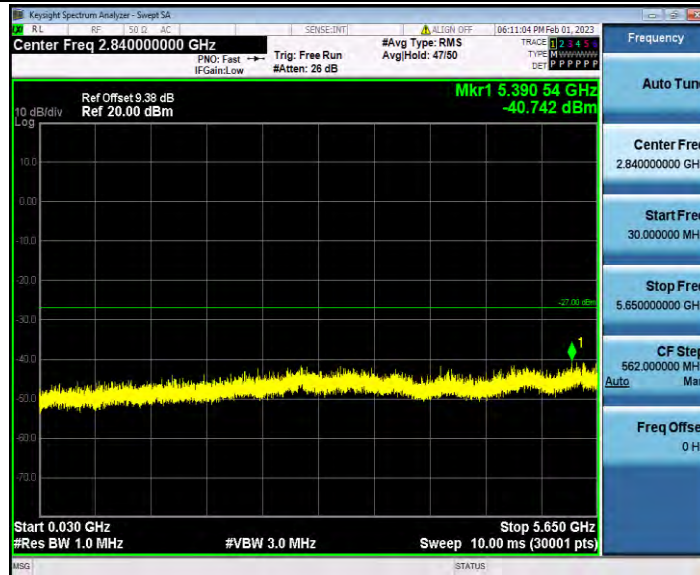
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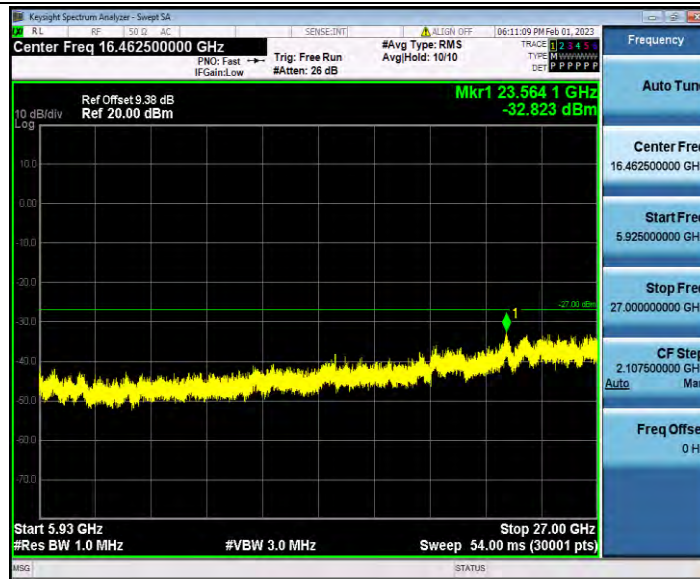
11A_Ant3_5825_5925~40000



11N20SISO_Ant3_5745_30~5650



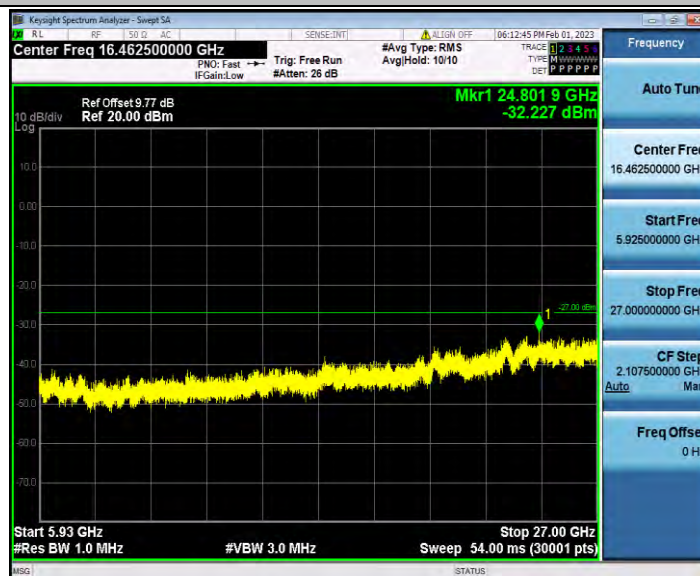
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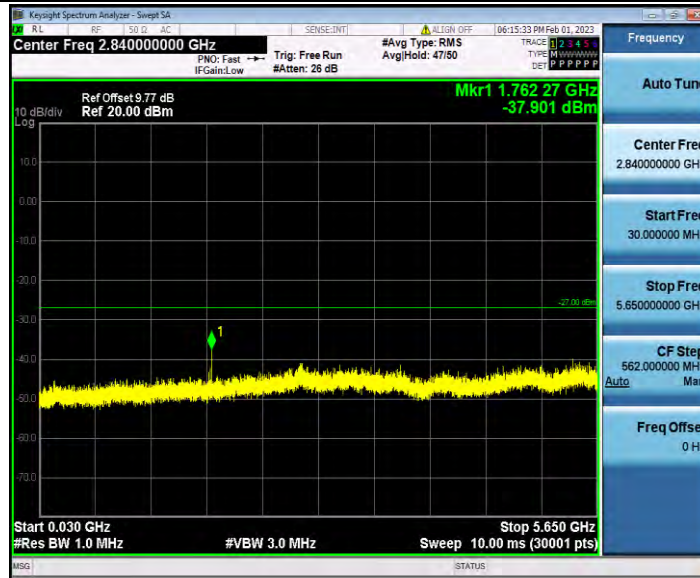
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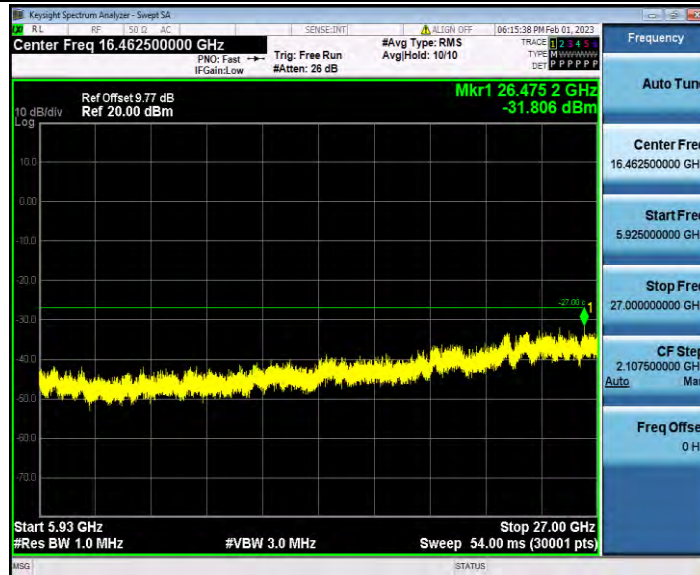
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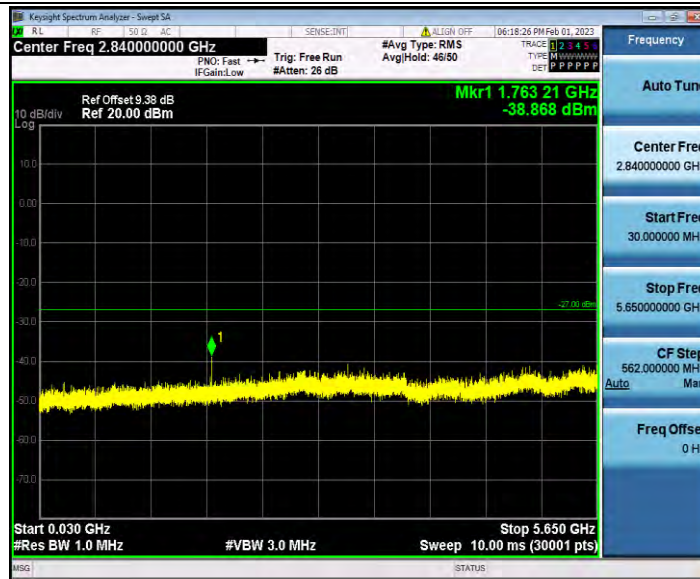
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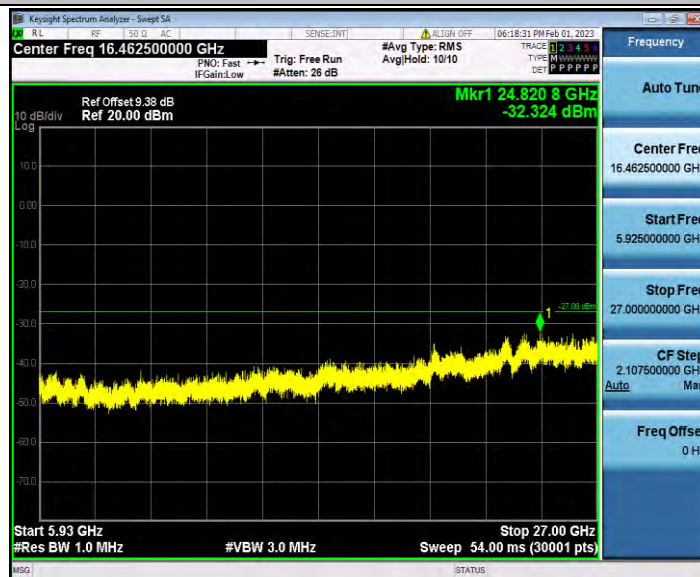
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11N40SISO_Ant3_5755_30~5650



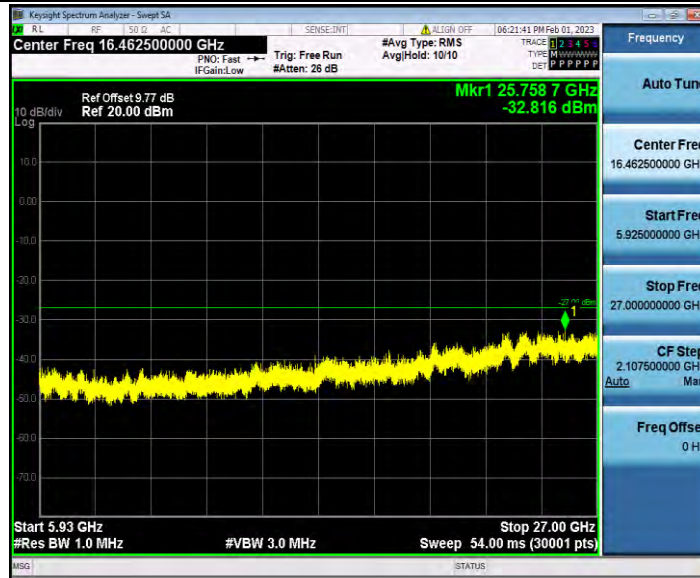
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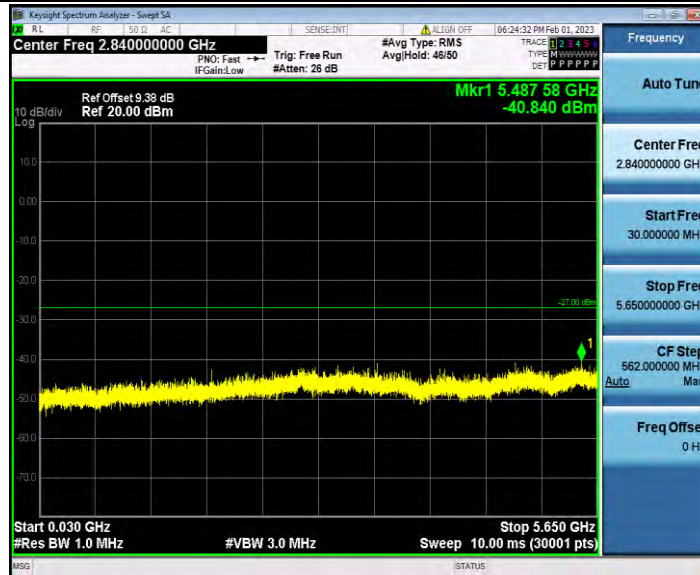
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11N40SISO_Ant3_5795_5925~40000



11AC20SISO_Ant3_5745_30~5650



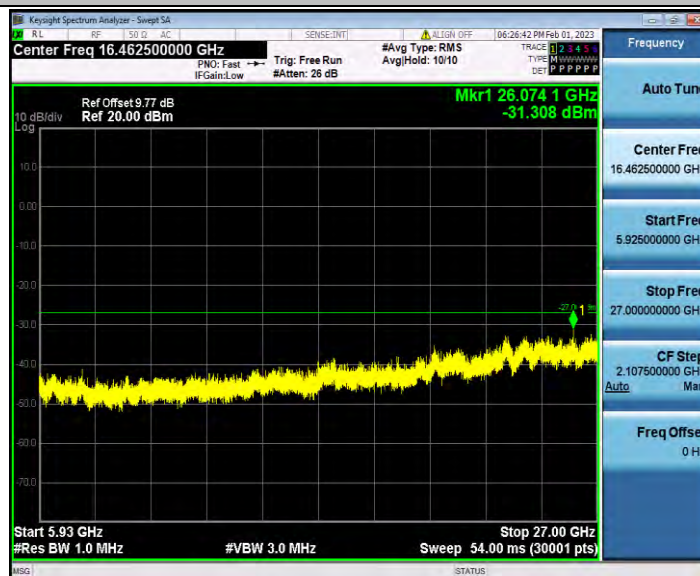
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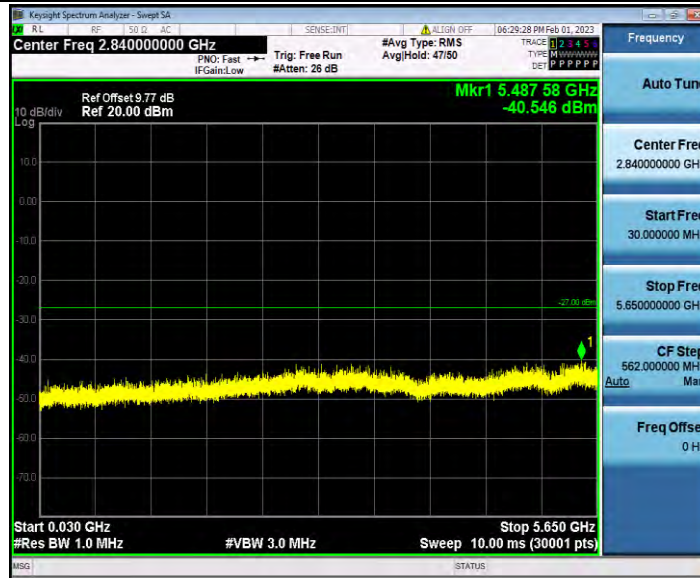
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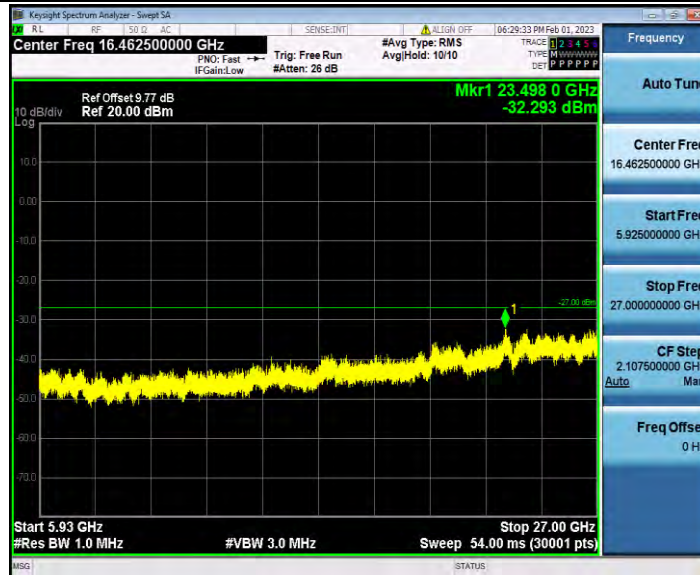
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11AC20SISO_Ant3_5825_30~5650



11AC20SISO_Ant3_5825_5925~40000



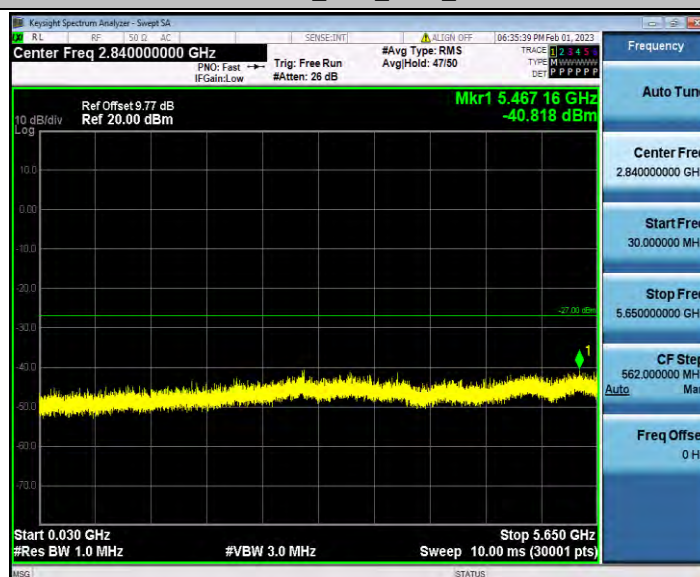
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11AC40SISO_Ant3_5755_5925~40000



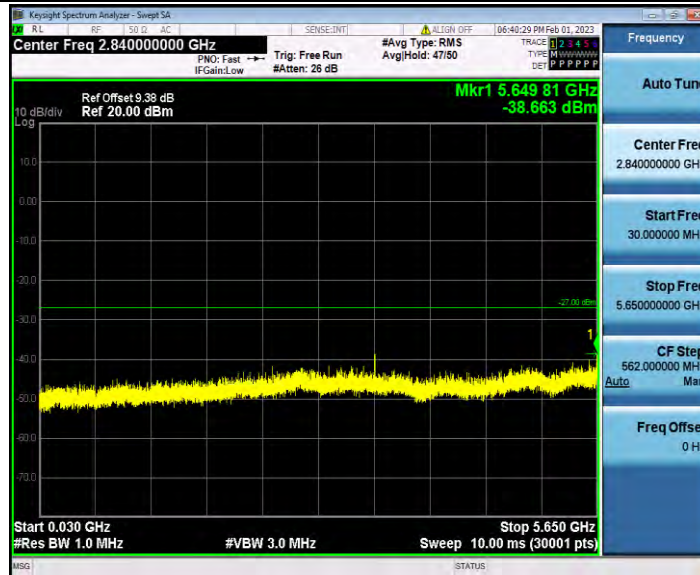
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11AC40SISO_Ant3_5795_5925~40000



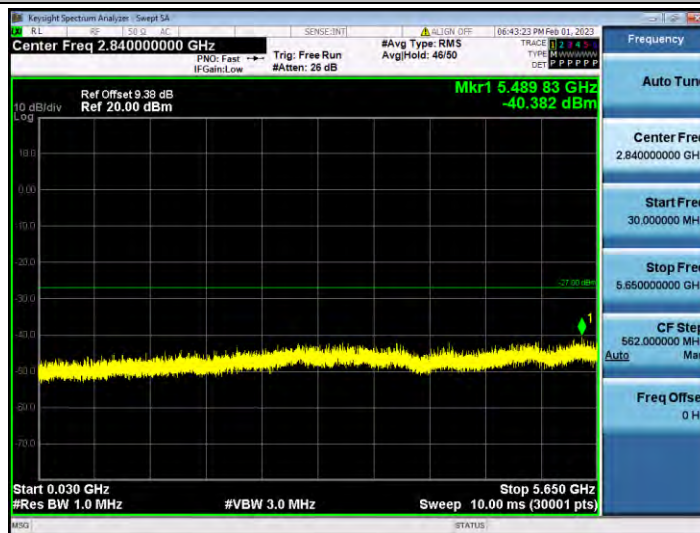
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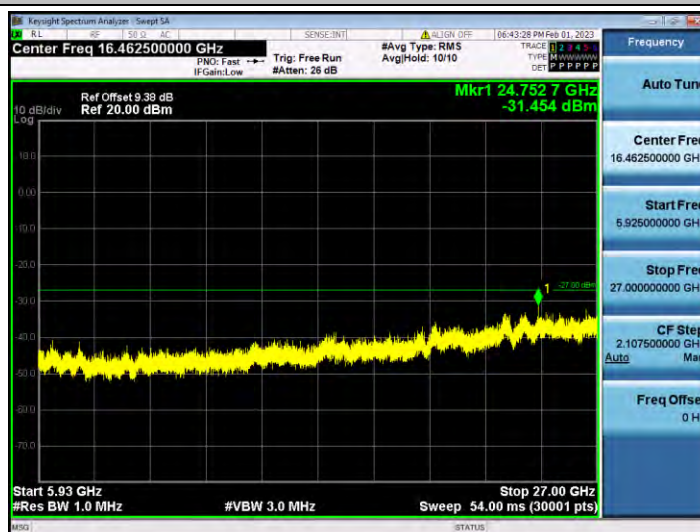
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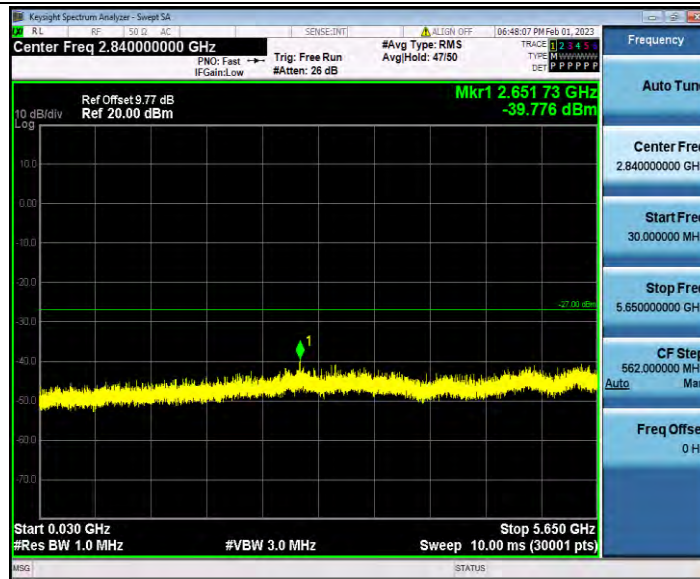
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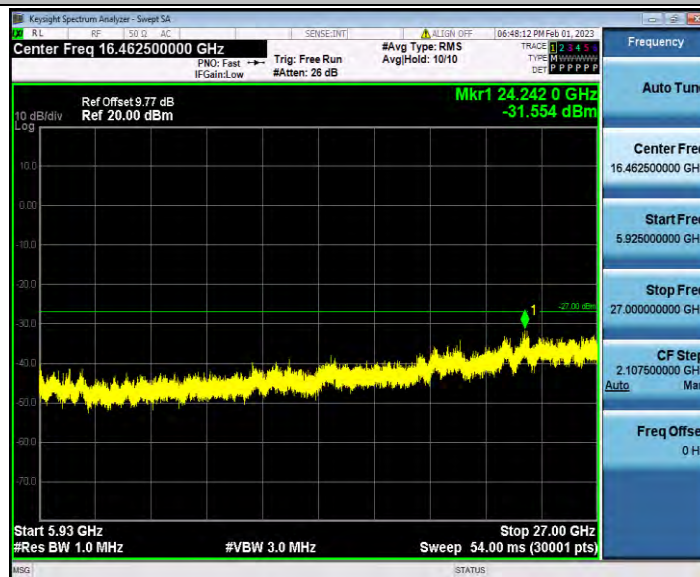
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11AX20SISO_Ant3_5785_30~5650



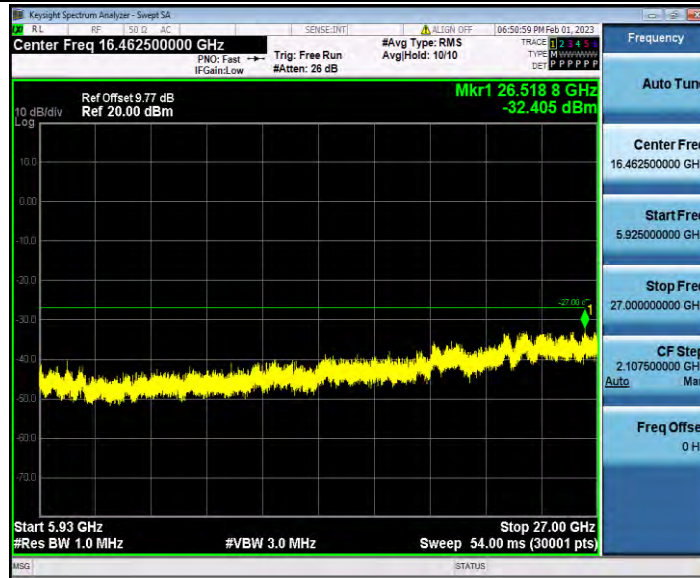
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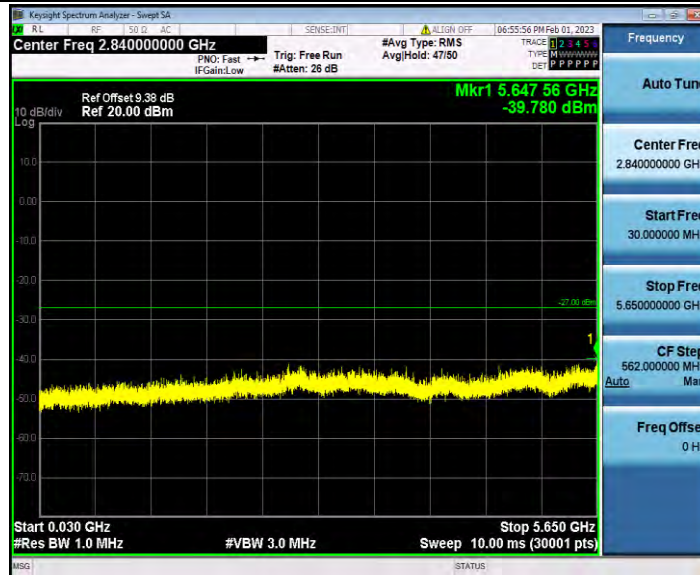
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11AX20SISO_Ant3_5825_5925~40000



11AX40SISO_Ant3_5755_30~5650



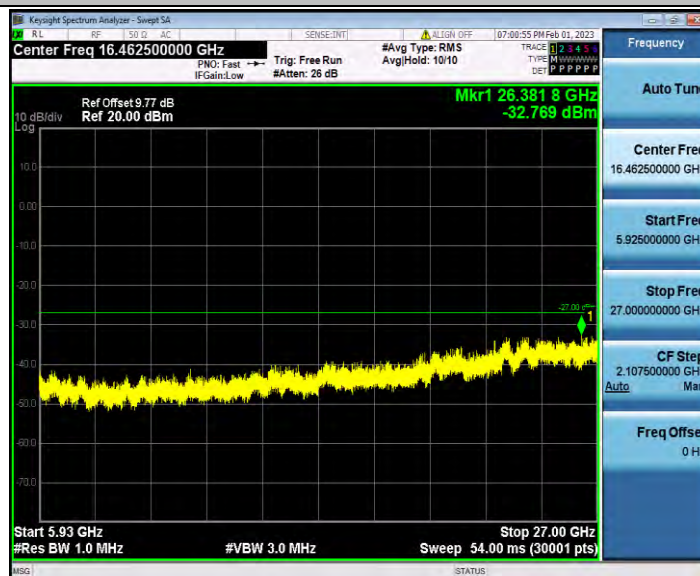
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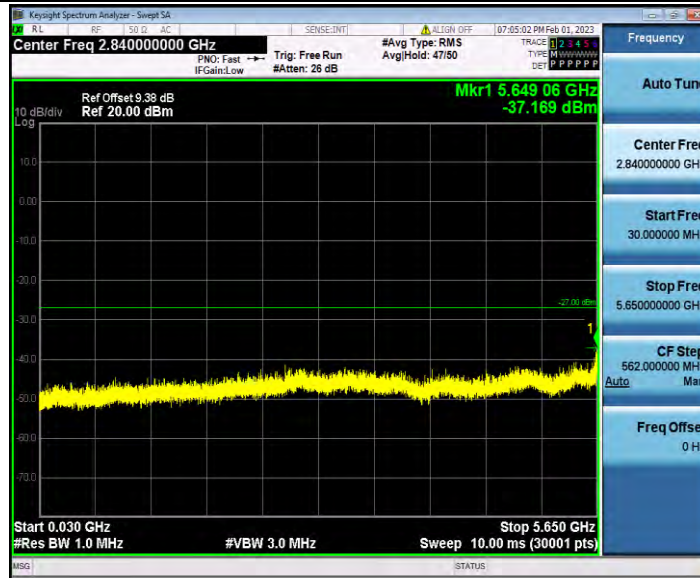
11AX40SISO_Ant3_5795_30~5650



11AX40SISO_Ant3_5795_5925~40000



11AX80SISO_Ant3_5775_30~5650



11AX80SISO_Ant3_5775_5925~40000

