

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	8.87	78.53	1.05	9.92	≤30.00	PASS
		5785	9.58	78.65	1.04	10.62	≤30.00	PASS
		5825	9.36	78.65	1.04	10.40	≤30.00	PASS
11N20SISO	Ant1	5745	7.94	76.92	1.14	9.08	≤30.00	PASS
		5785	8.23	77.38	1.11	9.34	≤30.00	PASS
		5825	8.33	76.92	1.14	9.47	≤30.00	PASS
11N40SISO	Ant1	5755	6.65	62.50	2.04	8.69	≤30.00	PASS
		5795	7.09	61.54	2.11	9.20	≤30.00	PASS
11AC20SISO	Ant1	5745	6.84	64.15	1.93	8.77	≤30.00	PASS
		5785	7.35	40.96	3.88	11.23	≤30.00	PASS
		5825	7.34	63.55	1.97	9.31	≤30.00	PASS
11AC40SISO	Ant1	5755	5.26	47.30	3.25	8.51	≤30.00	PASS
		5795	5.95	47.30	0.32	9.20	≤30.00	PASS
11AC80SISO	Ant1	5775	3.82	31.58	5.01	8.83	≤30.00	PASS
11AX20SISO	Ant1	5745	4.51	35.71	4.47	8.98	≤30.00	PASS
		5785	5.10	36.36	4.39	9.49	≤30.00	PASS
		5825	5.11	37.50	4.26	9.37	≤30.00	PASS
11AX40SISO	Ant1	5755	4.08	35.09	4.55	8.63	≤30.00	PASS
		5795	5.07	35.09	4.55	9.62	≤30.00	PASS
11AX80SISO	Ant1	5775	4.15	32.20	4.92	9.07	≤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	4.53	≤30.00	PASS
		5785	4.71	≤30.00	PASS
		5825	4.52	≤30.00	PASS
11N20SISO	Ant1	5745	3.53	≤30.00	PASS
		5785	3.23	≤30.00	PASS
		5825	3.05	≤30.00	PASS
11N40SISO	Ant1	5755	0.8	≤30.00	PASS
		5795	2.1	≤30.00	PASS
11AC20SISO	Ant1	5745	3.44	≤30.00	PASS
		5785	6.22	≤30.00	PASS
		5825	4.24	≤30.00	PASS
11AC40SISO	Ant1	5755	2.77	≤30.00	PASS
		5795	2.39	≤30.00	PASS
11AC80SISO	Ant1	5775	-0.09	≤30.00	PASS
11AX20SISO	Ant1	5745	6.05	≤30.00	PASS
		5785	7.11	≤30.00	PASS
		5825	6.41	≤30.00	PASS
11AX40SISO	Ant1	5755	3.86	≤30.00	PASS
		5795	5.2	≤30.00	PASS
11AX80SISO	Ant1	5775	1.11	≤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



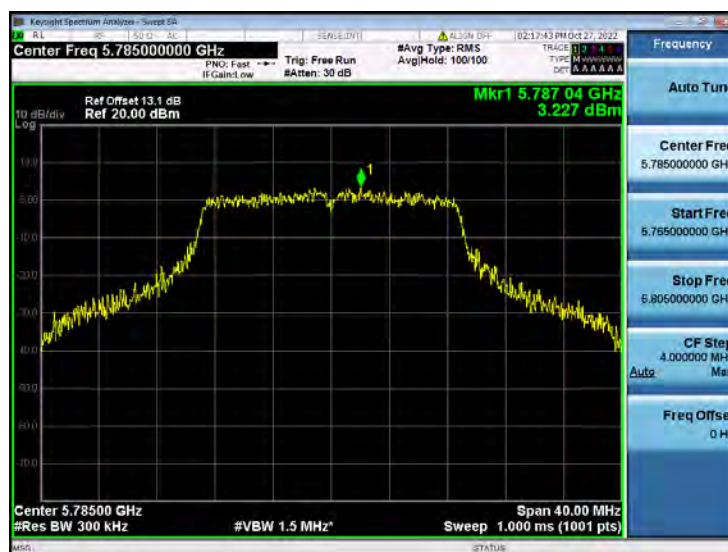
11A_Ant1_5825



11N20SISO_Ant1_5745



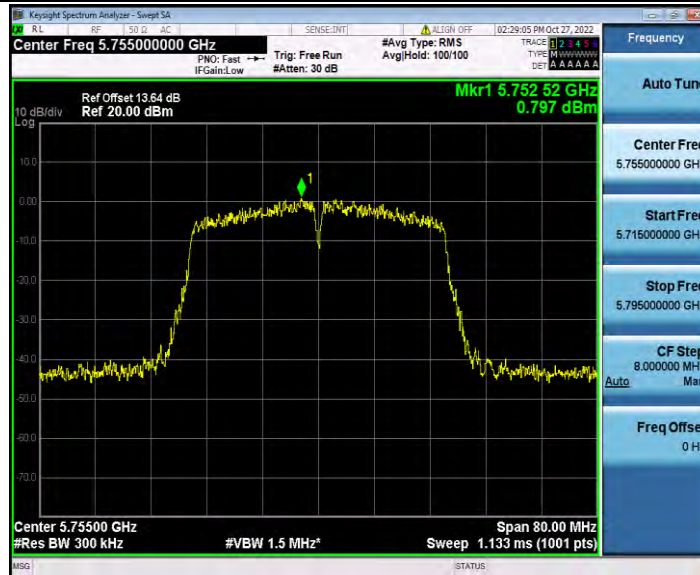
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



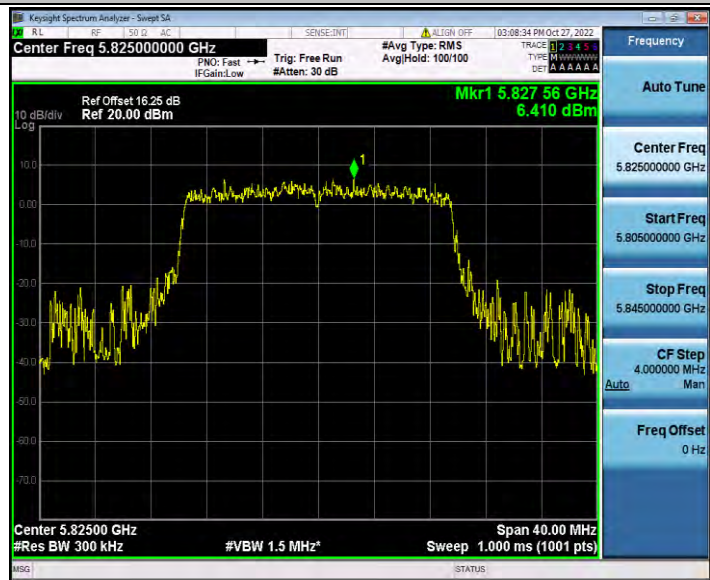
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

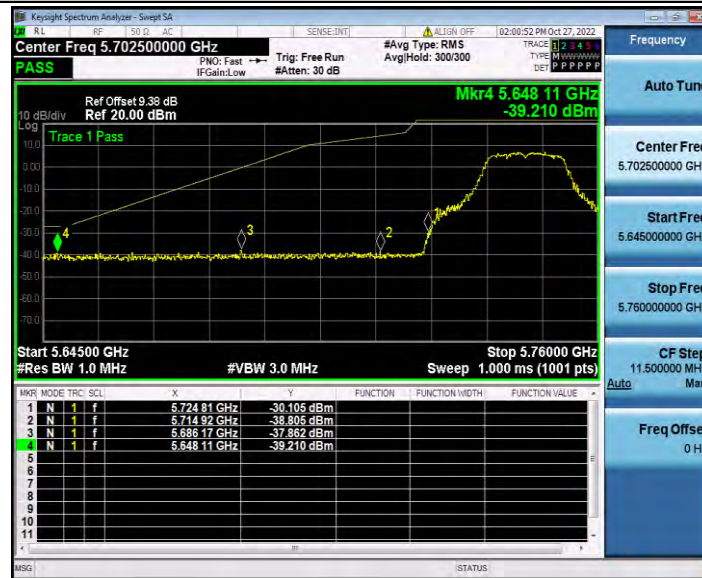
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-37.86	≤ -0.23	PASS
				5700~5720	-38.81	≤ 14.18	PASS
				5720~5725	-30.11	≤ 26.57	PASS
				5760~5650	-39.21	≤ -27	PASS
		High	5825	5850~5855	-38.6	≤ 17.95	PASS
				5855~5875	-38.07	≤ 10.40	PASS
				5875~5925	-37.67	≤ -7.18	PASS
				5925~5935	-39.29	≤ -27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.94	≤ 0.87	PASS
				5700~5720	-38.18	≤ 10.96	PASS
				5720~5725	-30.7	≤ 26.83	PASS
				5760~5650	-39.56	≤ -27	PASS
		High	5825	5850~5855	-38.82	≤ 20.10	PASS
				5855~5875	-37.84	≤ 14.37	PASS
				5875~5925	-37.77	≤ -7.97	PASS
				5925~5935	-38.63	≤ -27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.52	≤ 7.56	PASS
				5700~5720	-37.36	≤ 15.54	PASS
				5720~5725	-35.47	≤ 21.89	PASS
				5780~5650	-39.24	≤ -27	PASS
		High	5795	5850~5855	-38.88	≤ 23.18	PASS
				5855~5875	-38.68	≤ 12.58	PASS
				5875~5925	-38.1	≤ -3.60	PASS
				5925~5935	-38.98	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.07	≤ -3.72	PASS
				5700~5720	-38.03	≤ 13.31	PASS
				5720~5725	-29.93	≤ 26.57	PASS
				5760~5650	-39.48	≤ -27	PASS
		High	5825	5850~5855	-39.09	≤ 16.72	PASS
				5855~5875	-37.98	≤ 12.48	PASS
				5875~5925	-37.97	≤ 2.22	PASS
				5925~5935	-38.02	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-38.49	≤ 8.66	PASS
				5700~5720	-38.51	≤ 13.92	PASS
				5720~5725	-35.96	≤ 16.66	PASS
				5780~5650	-39.72	≤ -27	PASS

		High	5795	5850~5855	-36.34	≤ 19.04	PASS
				5855~5875	-35.49	≤ 10.46	PASS
				5875~5925	-37.68	≤ -15.69	PASS
				5925~5935	-39.86	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-38.75	≤ 5.09	PASS
				5700~5720	-38.47	≤ 12.83	PASS
				5720~5725	-38.02	≤ 21.30	PASS
				5800~5650	-40.15	≤ -27	PASS
		High	5775	5850~5855	-39.43	≤ 19.17	PASS
				5855~5875	-39.07	≤ 13.91	PASS
				5875~5925	-39	≤ -12.85	PASS
				5925~5935	-39.17	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-37.63	≤ 1.30	PASS
				5700~5720	-38.69	≤ 15.21	PASS
				5720~5725	-28.79	≤ 26.57	PASS
				5760~5650	-40.46	≤ -27	PASS
		High	5825	5850~5855	-38.61	≤ 15.79	PASS
				5855~5875	-38.69	≤ 12.97	PASS
				5875~5925	-38.59	≤ -13.87	PASS
				5925~5935	-38.75	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.28	≤ -7.22	PASS
				5700~5720	-38.52	≤ 14.14	PASS
				5720~5725	-38.33	≤ 19.74	PASS
				5780~5650	-39.58	≤ -27	PASS
		High	5795	5850~5855	-38.19	≤ 25.44	PASS
				5855~5875	-38.79	≤ 14.98	PASS
				5875~5925	-38.77	≤ 4.58	PASS
				5925~5935	-38.79	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.38	≤ -23.47	PASS
				5700~5720	-37.47	≤ 14.30	PASS
				5720~5725	-37.92	≤ 19.18	PASS
				5800~5650	-40.18	≤ -27	PASS
		High	5775	5850~5855	-39.85	≤ 16.64	PASS
				5855~5875	-38.75	≤ 14.17	PASS
				5875~5925	-38.65	≤ -15.05	PASS
				5925~5935	-38.91	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



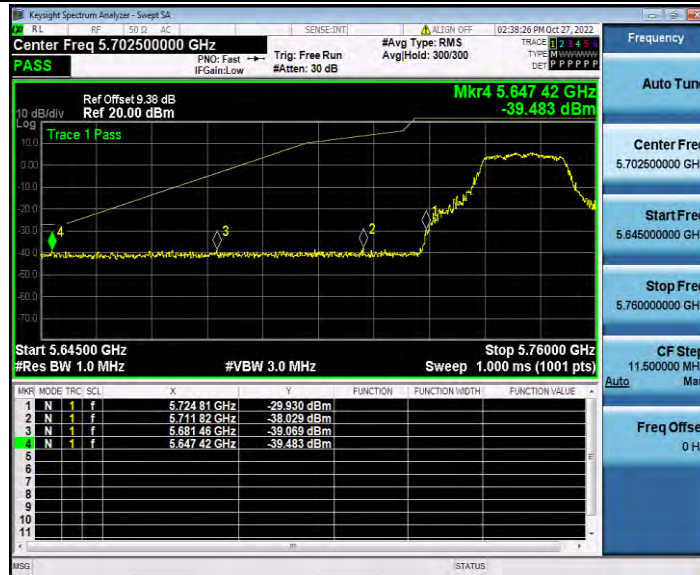
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



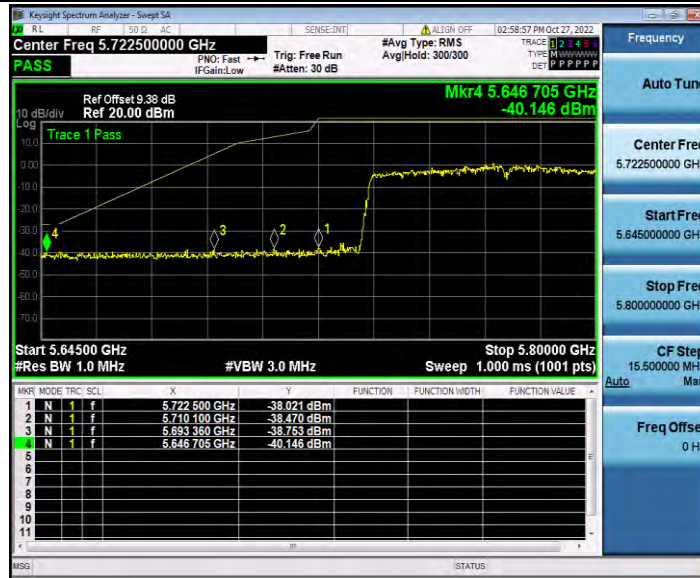
11AC40SISO_Ant1_Low_5755



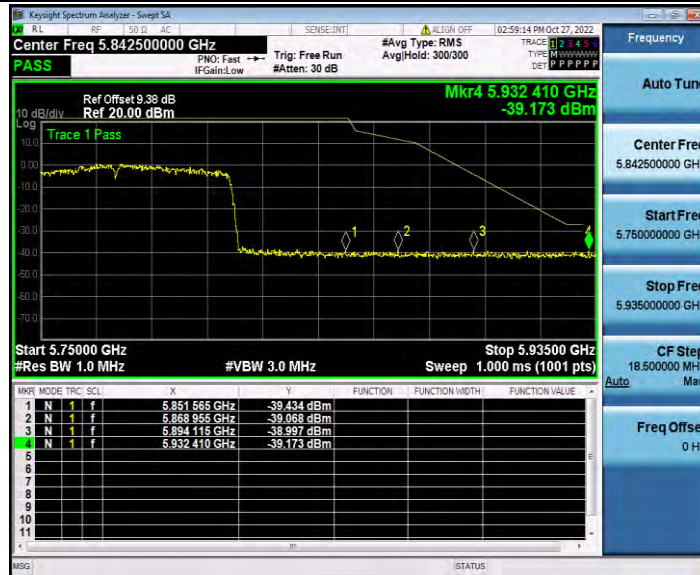
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11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



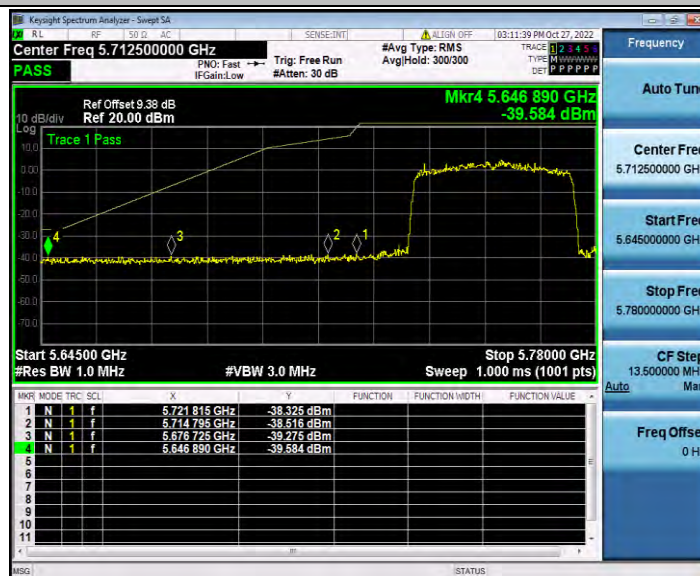
11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



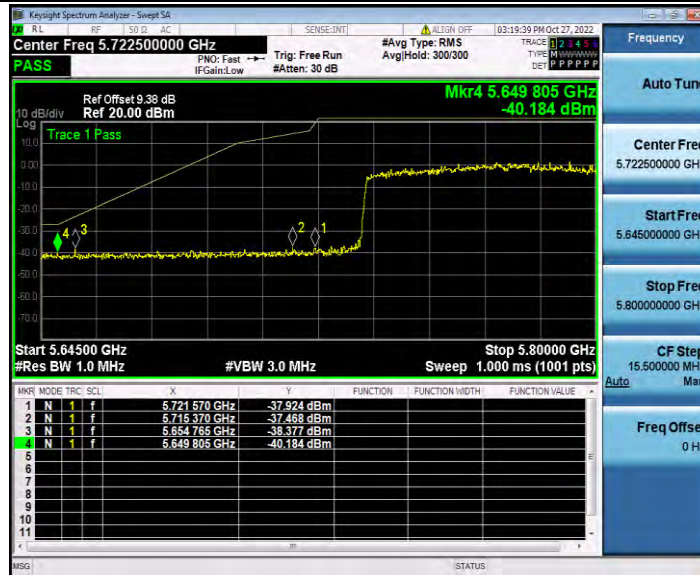
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5519.62	-40.29	≤-27	PASS
			5925~40000	24272.19	-32.62	≤-27	PASS
		5785	30~5650	5434	-40.58	≤-27	PASS
			5925~40000	25558.47	-32.08	≤-27	PASS
		5825	30~5650	3158.65	-40.25	≤-27	PASS
			5925~40000	24211.78	-31.96	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4965.11	-40.56	≤-27	PASS
			5925~40000	23491.72	-32.78	≤-27	PASS
		5785	30~5650	2404.82	-40.07	≤-27	PASS
			5925~40000	24249.71	-32.59	≤-27	PASS
		5825	30~5650	5505.75	-40.48	≤-27	PASS
			5925~40000	26038.28	-31.8	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5452.55	-41.08	≤-27	PASS
			5925~40000	26549	-32.44	≤-27	PASS
		5795	30~5650	5412.46	-40.88	≤-27	PASS
			5925~40000	24257.44	-32.33	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4857.02	-40.17	≤-27	PASS
			5925~40000	26558.13	-32.08	≤-27	PASS
		5785	30~5650	5509.31	-40.44	≤-27	PASS
			5925~40000	24270.79	-31.79	≤-27	PASS
		5825	30~5650	5423.89	-39.73	≤-27	PASS
			5925~40000	26600.28	-32.13	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5381.74	-41.48	≤-27	PASS
			5925~40000	26801.9	-32.04	≤-27	PASS
		5795	30~5650	5455.36	-40.73	≤-27	PASS
			5925~40000	26487.88	-32.19	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	4852.9	-40.93	≤-27	PASS
			5925~40000	26722.51	-31.91	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5492.27	-40.96	≤-27	PASS
			5925~40000	25245.16	-32.67	≤-27	PASS
		5785	30~5650	4963.61	-40.58	≤-27	PASS
			5925~40000	23623.79	-31.55	≤-27	PASS
		5825	30~5650	4864.89	-39.76	≤-27	PASS
			5925~40000	24928.33	-32.11	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5475.41	-41.09	≤-27	PASS
			5925~40000	26029.85	-32.48	≤-27	PASS

		5795	30~5650	5466.04	-39.98	≤-27	PASS
			5925~40000	23578.83	-31.99	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5483.84	-41.03	≤-27	PASS
			5925~40000	23455.89	-32.95	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~40000



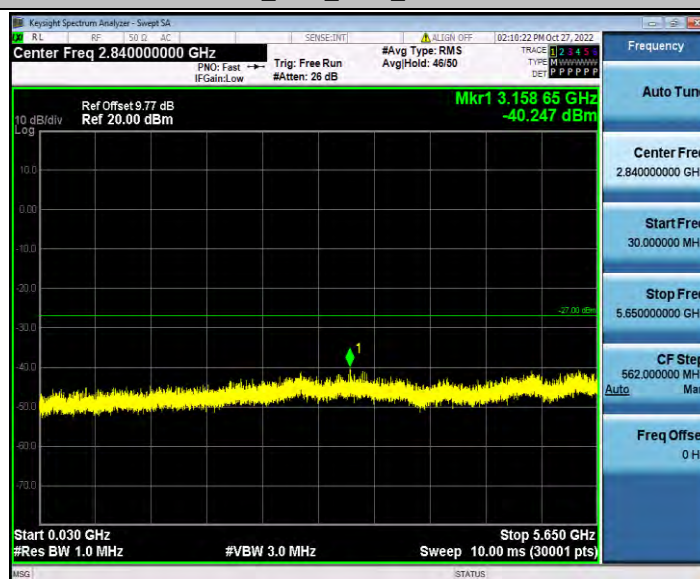
11A_Ant1_5785_30~5650



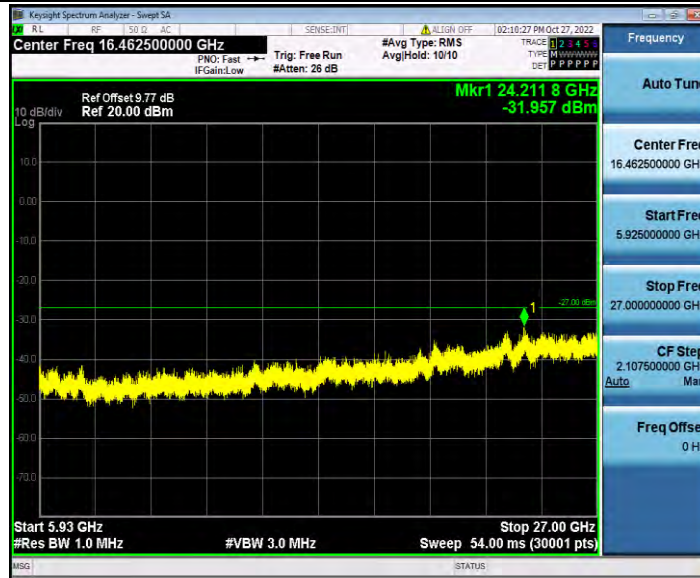
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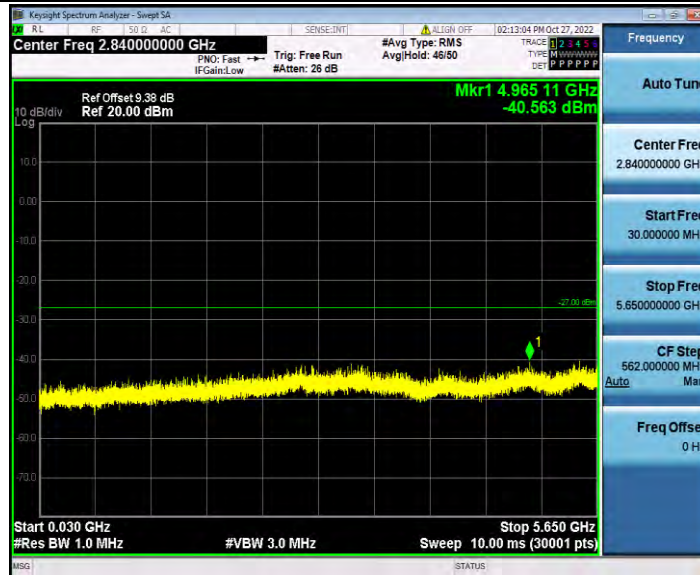
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



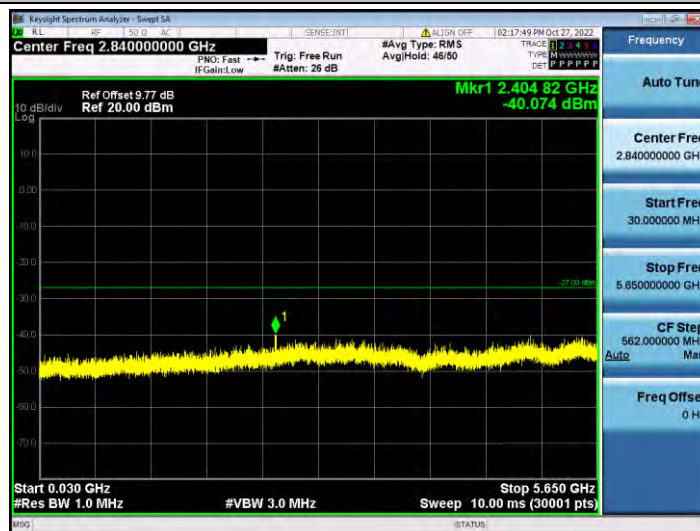
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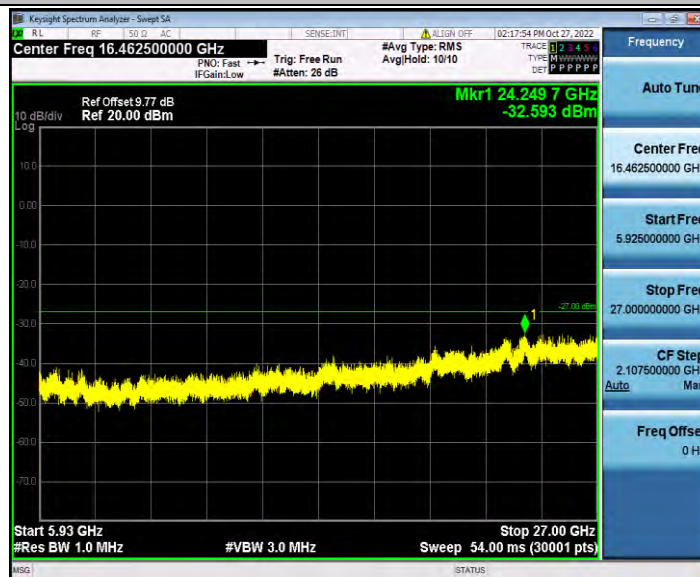
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11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



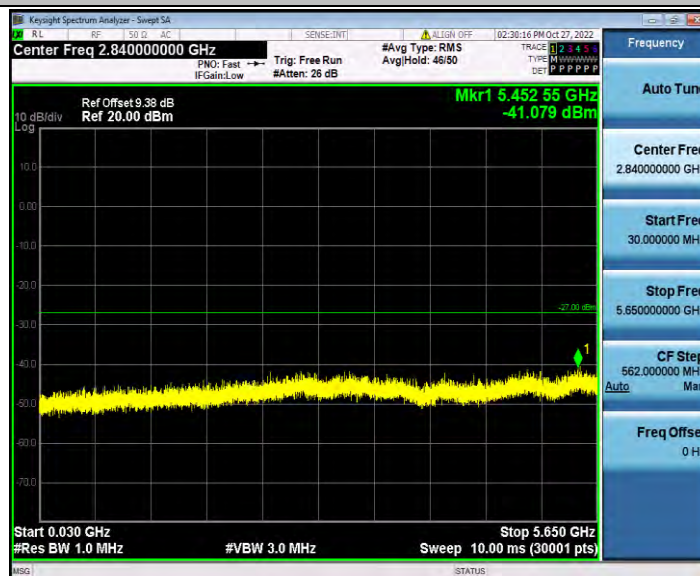
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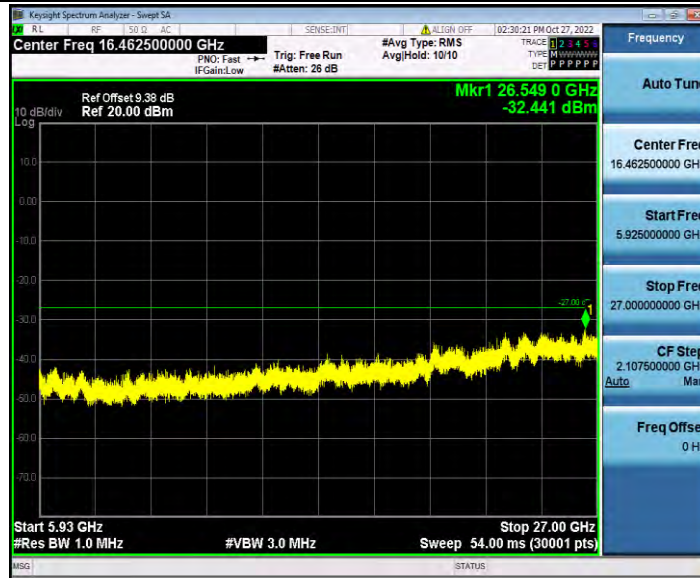
11N20SISO_Ant1_5825_5925~40000



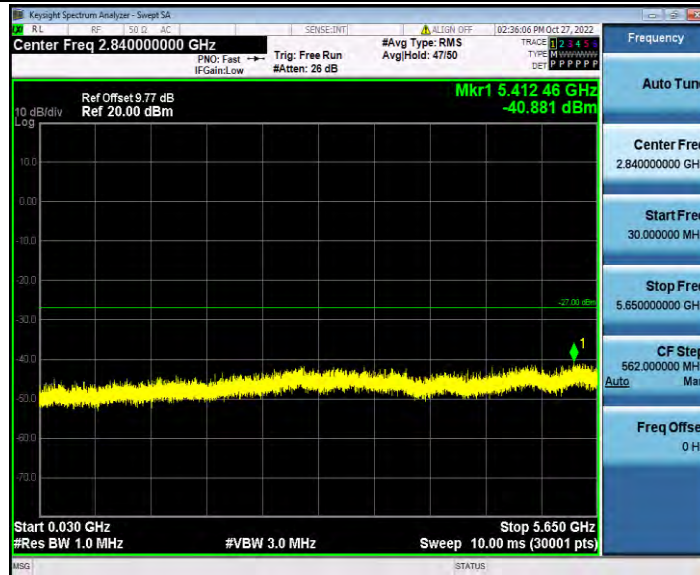
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~40000



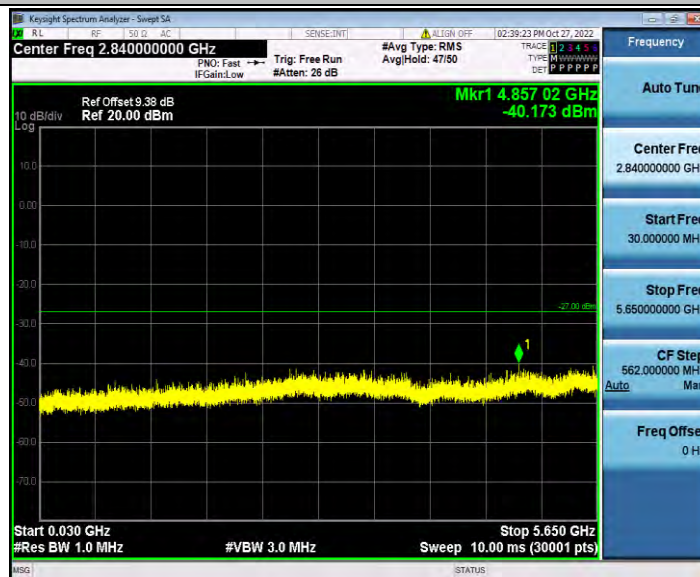
11N40SISO_Ant1_5795_30~5650



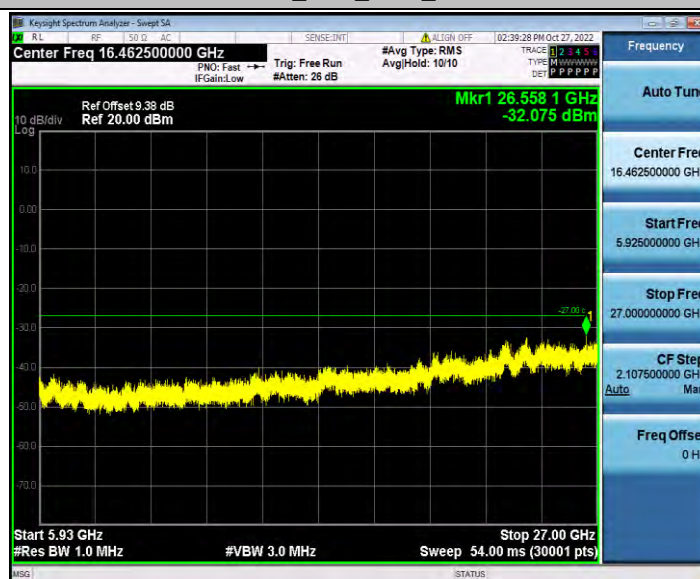
11N40SISO_Ant1_5795_5925~40000



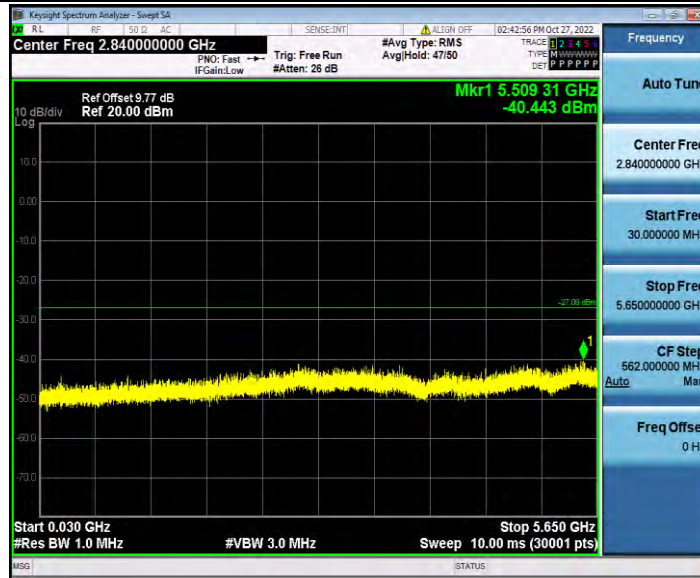
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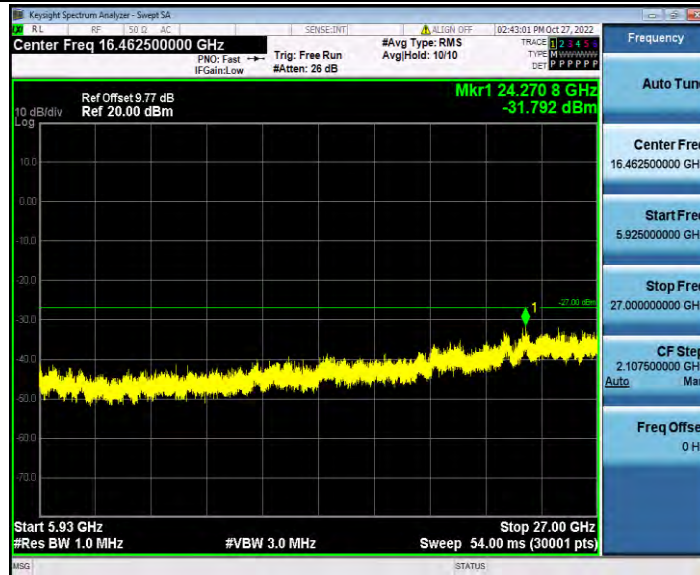
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11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~40000



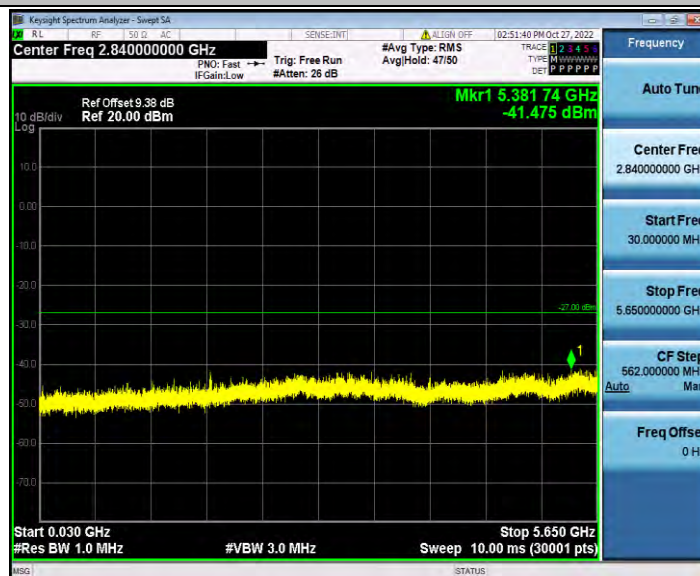
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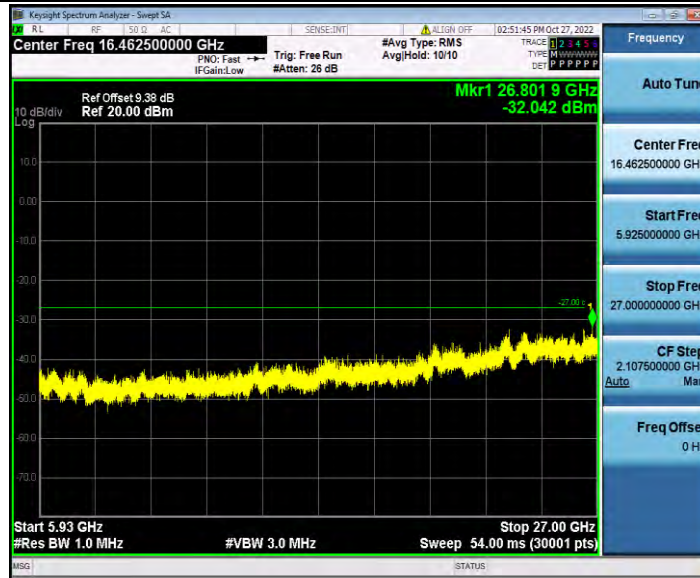
11AC20SISO_Ant1_5825_5925~40000



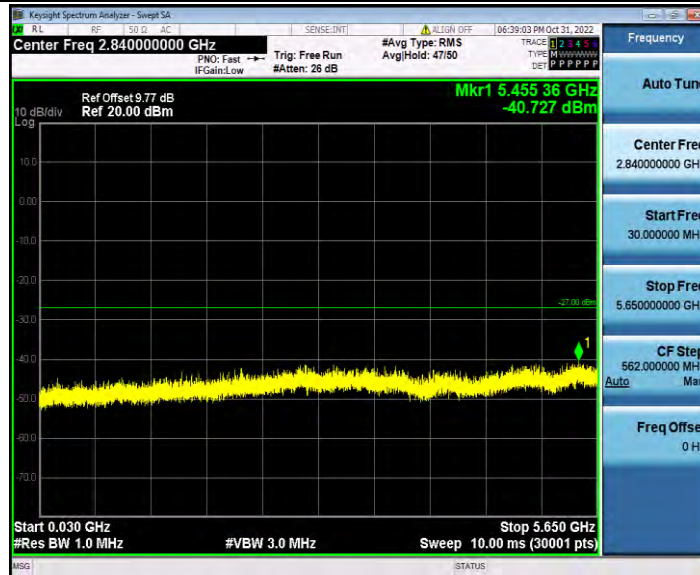
11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



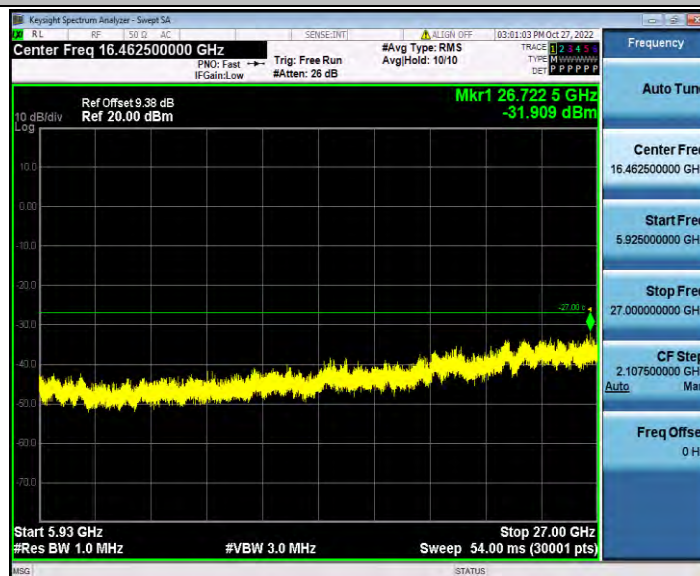
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11AC80SISO_Ant1_5775_30~5650



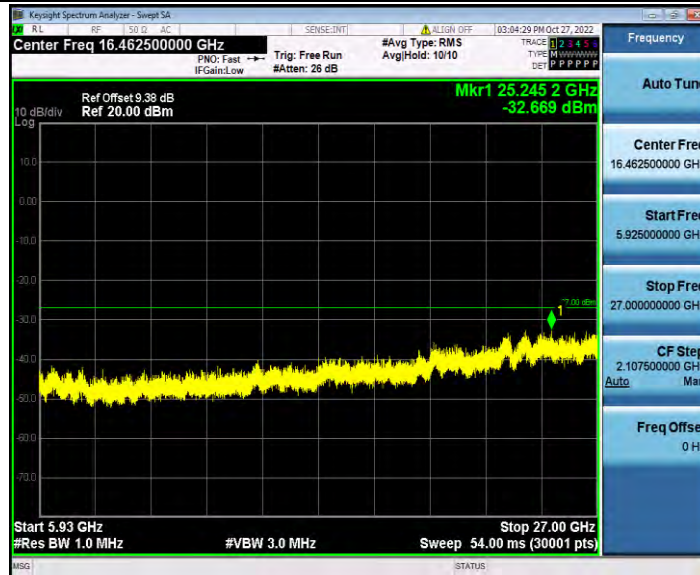
11AC80SISO_Ant1_5775_5925~40000



11AX20SISO_Ant1_5745_30~5650



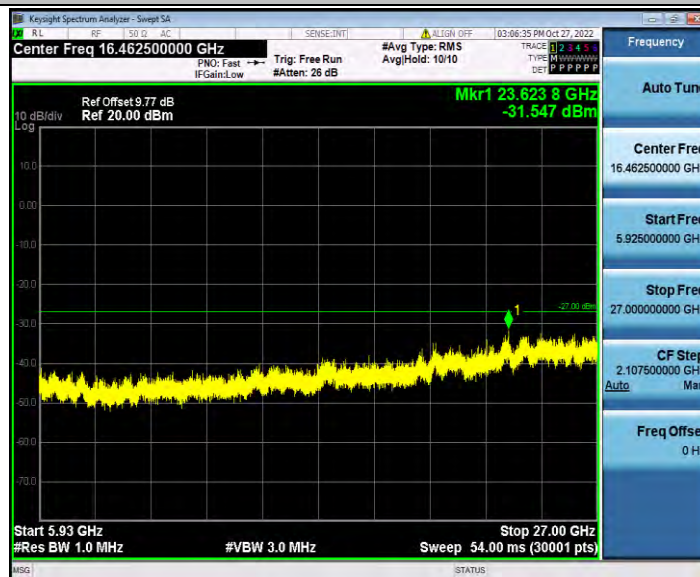
11AX20SISO_Ant1_5745_5925~40000



11AX20SISO_Ant1_5785_30~5650



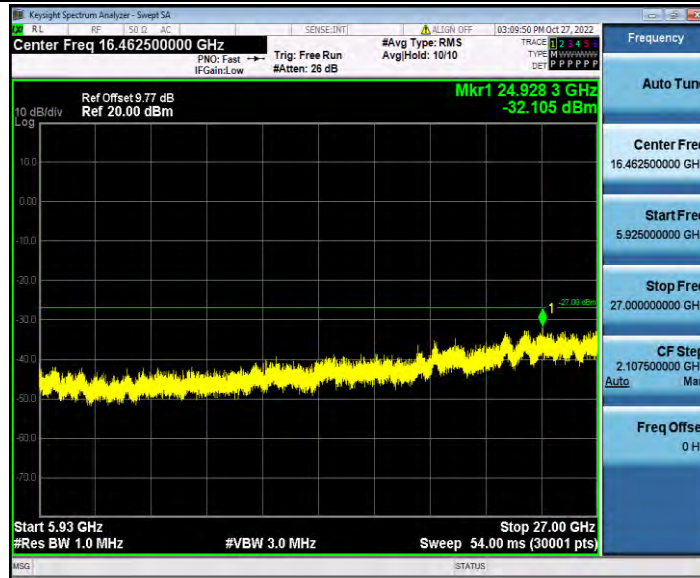
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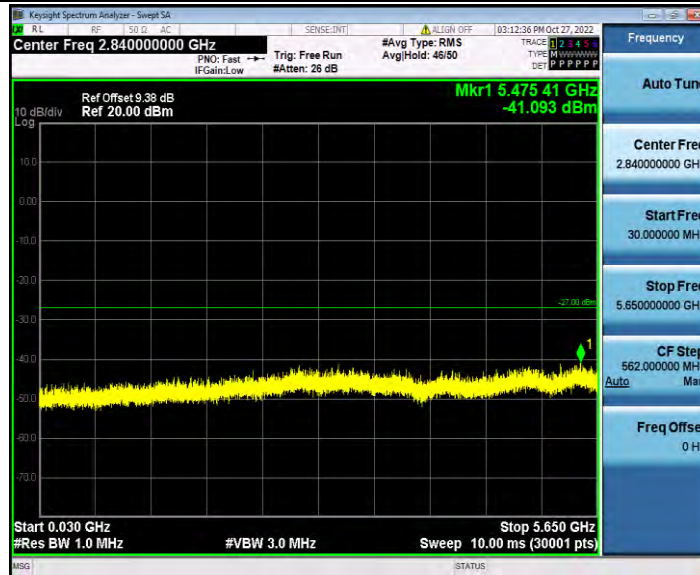
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000



11AX40SISO_Ant1_5755_30~5650



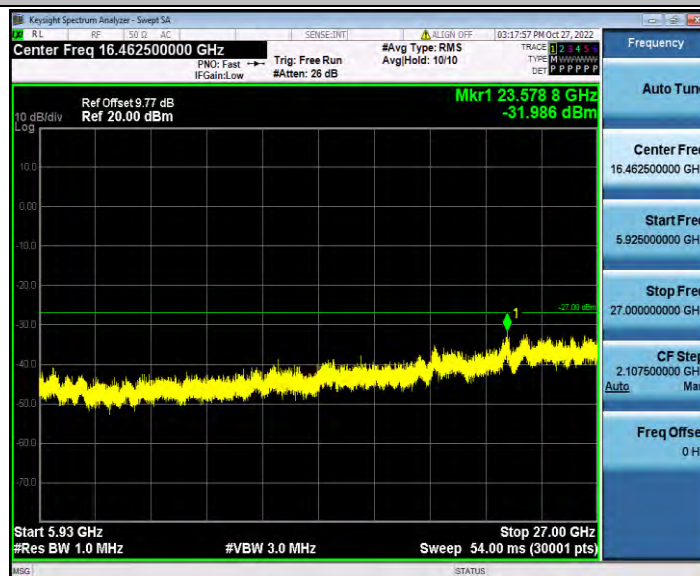
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11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000

