

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	10.53	96.31	0.16	10.69	≤30.00	PASS
		5785	11.31	95.87	0.18	11.49	≤30.00	PASS
		5825	11.36	96.31	0.16	11.52	≤30.00	PASS
11N20SISO	Ant2	5745	10.48	99.01	0.04	10.52	≤30.00	PASS
		5785	11.32	98.88	0.05	11.37	≤30.00	PASS
		5825	11.37	99.01	0.04	11.41	≤30.00	PASS
11N40SISO	Ant2	5755	11.03	98.88	0.05	11.08	≤30.00	PASS
		5795	11.83	99.00	0.04	11.87	≤30.00	PASS
11AC20SISO	Ant2	5745	10.55	98.88	0.05	10.60	≤30.00	PASS
		5785	11.77	98.88	0.05	11.82	≤30.00	PASS
		5825	11.67	98.88	0.05	11.72	≤30.00	PASS
11AC40SISO	Ant2	5755	11.09	98.88	0.05	11.14	≤30.00	PASS
		5795	11.92	98.88	0.05	11.97	≤30.00	PASS
11AC80SISO	Ant2	5775	11.32	98.88	0.05	11.37	≤30.00	PASS
11AX20SISO	Ant2	5745	10.79	98.88	0.05	10.84	≤30.00	PASS
		5785	11.68	98.88	0.05	11.73	≤30.00	PASS
		5825	11.74	98.88	0.05	11.79	≤30.00	PASS
11AX40SISO	Ant2	5755	10.96	98.88	0.05	11.01	≤30.00	PASS
		5795	11.58	98.88	0.05	11.63	≤30.00	PASS
11AX80SISO	Ant2	5775	10.99	98.88	0.05	11.04	≤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	Ant2	5745	4.06	≤30.00	PASS
		5785	4.96	≤30.00	PASS
		5825	4.94	≤30.00	PASS
11N20SISO	Ant2	5745	3.70	≤30.00	PASS
		5785	4.57	≤30.00	PASS
		5825	4.79	≤30.00	PASS
11N40SISO	Ant2	5755	1.36	≤30.00	PASS
		5795	1.68	≤30.00	PASS
11AC20SISO	Ant2	5745	3.97	≤30.00	PASS
		5785	5.04	≤30.00	PASS
		5825	4.52	≤30.00	PASS
11AC40SISO	Ant2	5755	0.87	≤30.00	PASS
		5795	1.61	≤30.00	PASS
11AC80SISO	Ant2	5775	-2.07	≤30.00	PASS
11AX20SISO	Ant2	5745	6.98	≤30.00	PASS
		5785	5.89	≤30.00	PASS
		5825	6.43	≤30.00	PASS
11AX40SISO	Ant2	5755	2.12	≤30.00	PASS
		5795	2.83	≤30.00	PASS
11AX80SISO	Ant2	5775	-0.45	≤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_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775



Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.11	≤9.72	PASS
				5700~5720	-36.98	≤15.53	PASS
				5720~5725	-32.19	≤24.99	PASS
				5760~5650	-39.64	≤-27	PASS
		High	5825	5850~5855	-34.73	≤24.72	PASS
				5855~5875	-38.24	≤10.32	PASS
				5875~5925	-38.62	≤-5.08	PASS
				5925~5935	-38.6	≤-27	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-39.23	≤-8.32	PASS
				5700~5720	-35.59	≤15.56	PASS
				5720~5725	-30.78	≤23.42	PASS
				5760~5650	-39.9	≤-27	PASS
		High	5825	5850~5855	-37.49	≤26.26	PASS
				5855~5875	-38.53	≤11.46	PASS
				5875~5925	-38.4	≤8.81	PASS
				5925~5935	-38.22	≤-27	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-35.99	≤9.96	PASS
				5700~5720	-34.41	≤13.69	PASS
				5720~5725	-32.64	≤25.89	PASS
				5780~5650	-39.68	≤-27	PASS
		High	5795	5850~5855	-36.49	≤16.79	PASS
				5855~5875	-37.08	≤10.59	PASS
				5875~5925	-37.3	≤-13.00	PASS
				5925~5935	-39.18	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5650~5700	-38.39	≤9.98	PASS
				5700~5720	-37.14	≤15.05	PASS
				5720~5725	-31.97	≤25.52	PASS
				5760~5650	-40.13	≤-27	PASS
		High	5825	5850~5855	-38.03	≤20.41	PASS
				5855~5875	-38.05	≤10.78	PASS
				5875~5925	-37.59	≤-15.77	PASS
				5925~5935	-38.75	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-35.81	≤9.16	PASS
				5700~5720	-34.47	≤15.50	PASS
				5720~5725	-32.81	≤24.05	PASS
				5780~5650	-39.44	≤-27	PASS

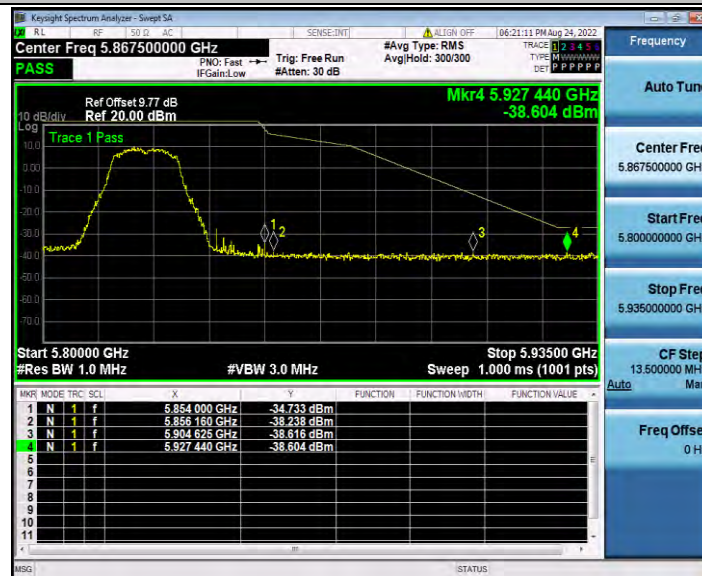
		High	5795	5850~5855	-36.94	≤19.80	PASS
				5855~5875	-36.15	≤10.96	PASS
				5875~5925	-37.79	≤-22.53	PASS
				5925~5935	-39.25	≤-27	PASS
11AC80SI SO	Ant2	Low	5775	5650~5700	-34.34	≤1.07	PASS
				5700~5720	-33.71	≤15.30	PASS
				5720~5725	-30.14	≤25.54	PASS
				5800~5650	-35.67	≤-27	PASS
		High	5775	5850~5855	-36.21	≤20.01	PASS
				5855~5875	-35.88	≤11.94	PASS
				5875~5925	-37.61	≤-26.54	PASS
				5925~5935	-38.57	≤-27	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-38.83	≤-1.85	PASS
				5700~5720	-33.57	≤15.27	PASS
				5720~5725	-31.83	≤23.42	PASS
				5760~5650	-40.2	≤-27	PASS
		High	5825	5850~5855	-35.88	≤18.87	PASS
				5855~5875	-38.01	≤12.18	PASS
				5875~5925	-38.49	≤3.11	PASS
				5925~5935	-38.41	≤-27	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-35.3	≤9.76	PASS
				5700~5720	-35.33	≤11.57	PASS
				5720~5725	-34.87	≤22.82	PASS
				5780~5650	-38.98	≤-27	PASS
		High	5795	5850~5855	-36.61	≤16.03	PASS
				5855~5875	-35.63	≤11.01	PASS
				5875~5925	-38.22	≤-24.85	PASS
				5925~5935	-38.84	≤-27	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-35.32	≤0.73	PASS
				5700~5720	-35.38	≤15.30	PASS
				5720~5725	-32.1	≤26.60	PASS
				5800~5650	-38.76	≤-27	PASS
		High	5775	5850~5855	-37.08	≤19.59	PASS
				5855~5875	-36.55	≤12.04	PASS
				5875~5925	-37.54	≤8.91	PASS
				5925~5935	-38.38	≤-27	PASS

Test Graphs B4

11A_Ant2_Low_5745



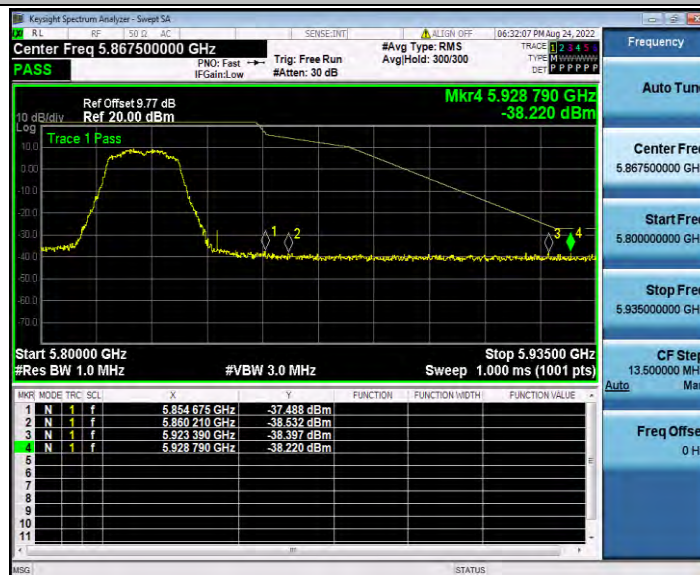
11A_Ant2_High_5825



11N20SISO_Ant2_Low_5745



11N20SISO_Ant2_High_5825



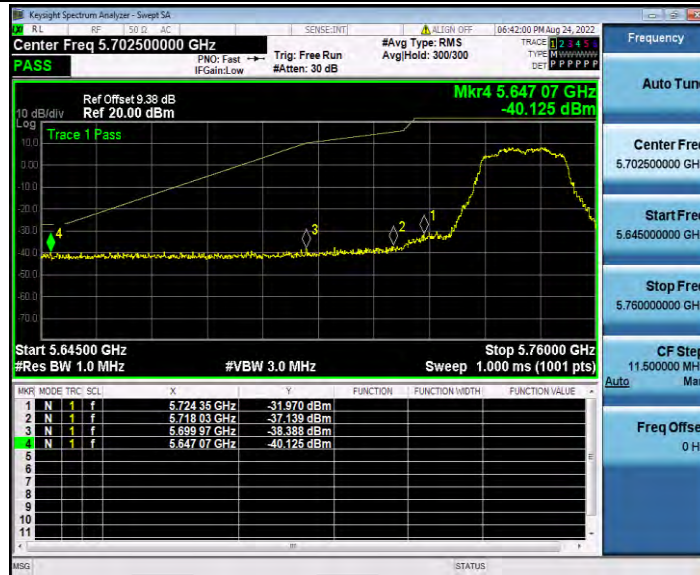
11N40SISO_Ant2_Low_5755



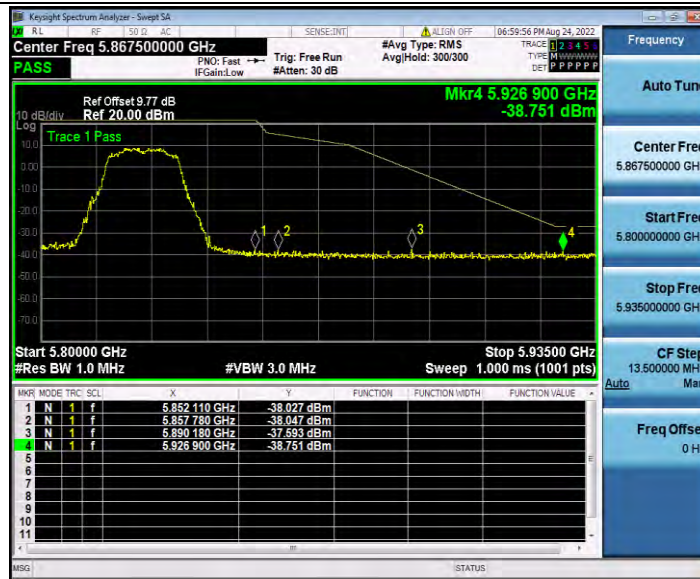
11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



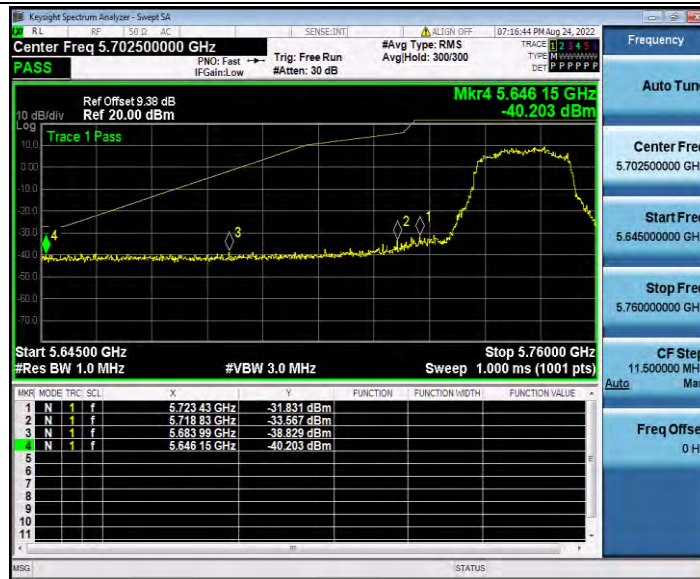
11AC80SISO_Ant2_Low_5775



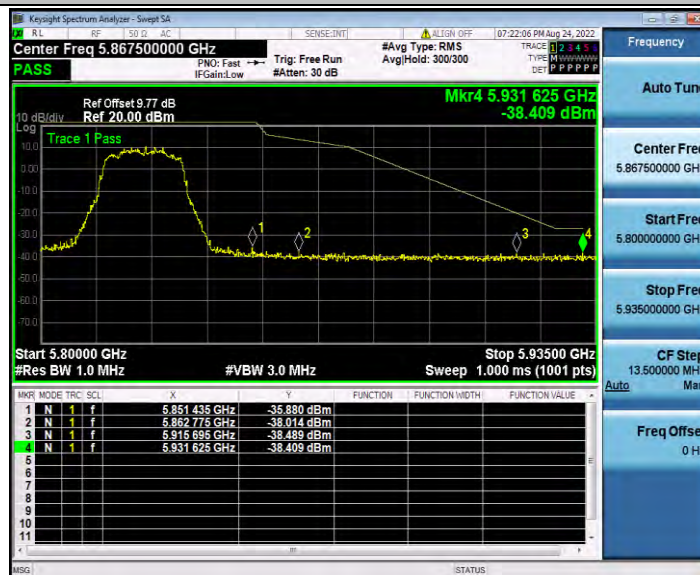
11AC80SISO_Ant2_High_5775



11AX20SISO_Ant2_Low_5745



11AX20SISO_Ant2_High_5825



11AX40SISO_Ant2_Low_5755



11AX40SISO_Ant2_High_5795



11AX80SISO_Ant2_Low_5775



11AX80SISO_Ant2_High_5775



Appendix E.7: Conducted Spurious Emission

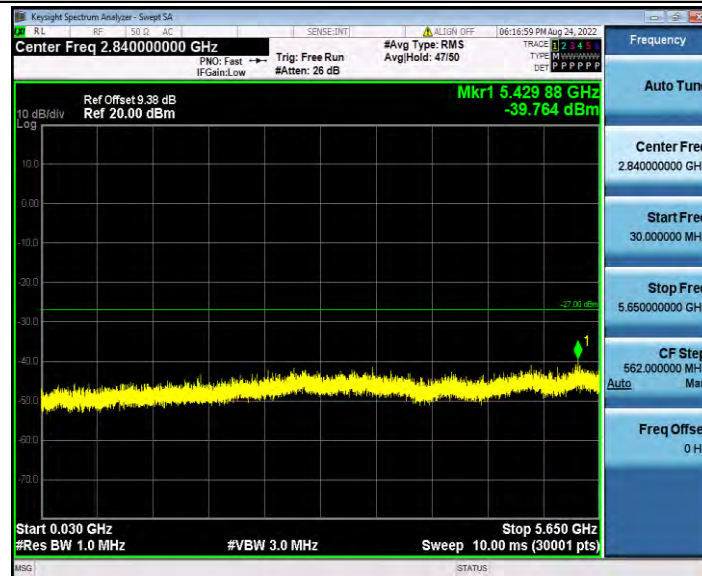
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	5429.88	-39.76	≤-27	PASS
			5925~40000	24187.89	-32.59	≤-27	PASS
		5785	30~5650	4977.66	-40.28	≤-27	PASS
			5925~40000	24253.23	-32.14	≤-27	PASS
		5825	30~5650	5453.3	-40.5	≤-27	PASS
			5925~40000	24295.38	-32.3	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	3168.21	-40.87	≤-27	PASS
			5925~40000	26993.68	-31.79	≤-27	PASS
		5785	30~5650	5404.97	-40.65	≤-27	PASS
			5925~40000	26912.19	-32.15	≤-27	PASS
		5825	30~5650	4966.61	-40.39	≤-27	PASS
			5925~40000	26501.93	-32.55	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	4857.58	-40.44	≤-27	PASS
			5925~40000	24128.88	-32.59	≤-27	PASS
		5795	30~5650	3357.98	-40.78	≤-27	PASS
			5925~40000	26532.84	-32.22	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5410.21	-40.34	≤-27	PASS
			5925~40000	25288.01	-32.32	≤-27	PASS
		5785	30~5650	5428.01	-40.41	≤-27	PASS
			5925~40000	26735.86	-31.96	≤-27	PASS
		5825	30~5650	2674.21	-39.91	≤-27	PASS
			5925~40000	24280.62	-32.09	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5488.33	-41.31	≤-27	PASS
			5925~40000	26047.41	-32.17	≤-27	PASS
		5795	30~5650	5445.43	-40.89	≤-27	PASS
			5925~40000	24266.57	-32.77	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5639.88	-39.58	≤-27	PASS
			5925~40000	26834.21	-32.29	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	2736.78	-40.34	≤-27	PASS
			5925~40000	24180.87	-32.55	≤-27	PASS
		5785	30~5650	5434.94	-40.95	≤-27	PASS
			5925~40000	24287.65	-31.84	≤-27	PASS
		5825	30~5650	3163.15	-40.74	≤-27	PASS
			5925~40000	24966.26	-32.79	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	2655.29	-40.96	≤-27	PASS
			5925~40000	26013.69	-32.89	≤-27	PASS

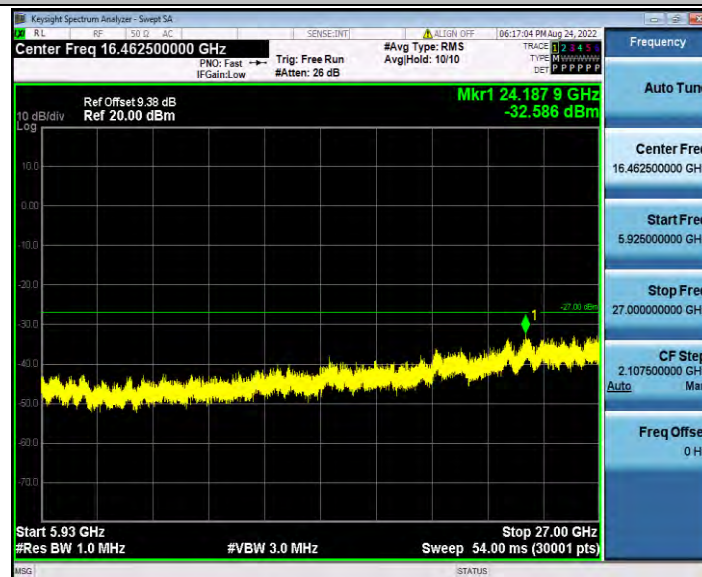
		5795	30~5650	5445.43	-39.74	≤-27	PASS
			5925~40000	25295.74	-31.83	≤-27	PASS
11AX80SISO	Ant2	5775	30~5650	4955.56	-40.79	≤-27	PASS
			5925~40000	26687.39	-32.52	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



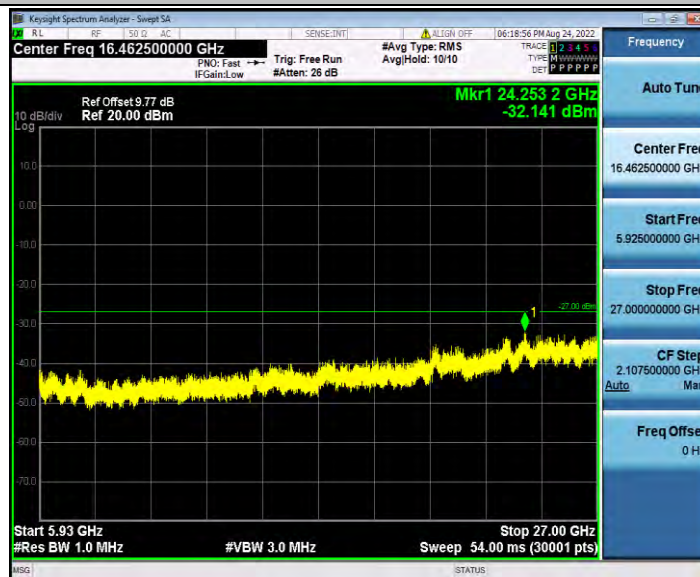
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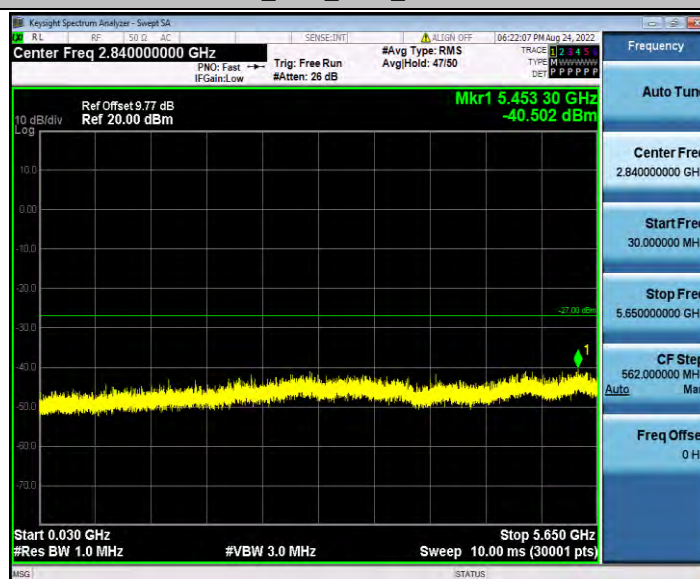
11A_Ant2_5785_30~5650



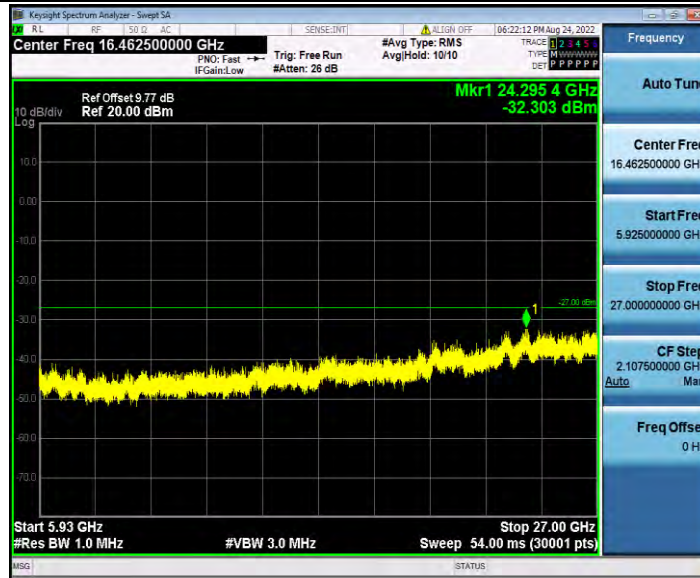
11A_Ant2_5785_5925~40000



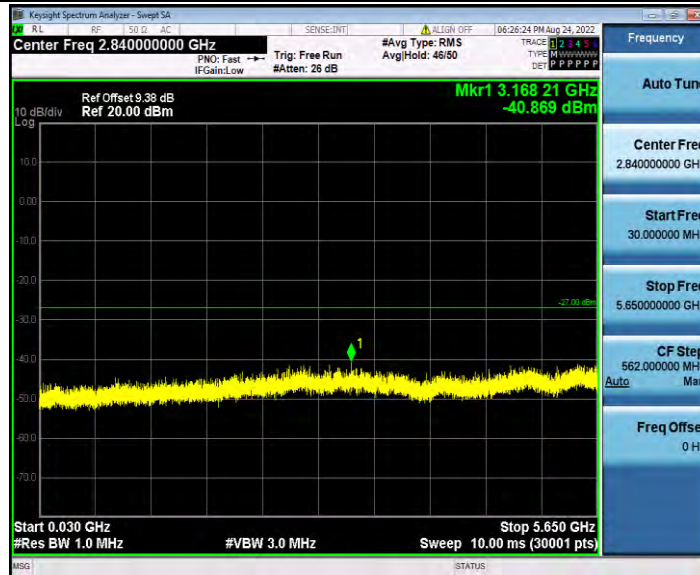
11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~40000



11N20SISO_Ant2_5745_30~5650



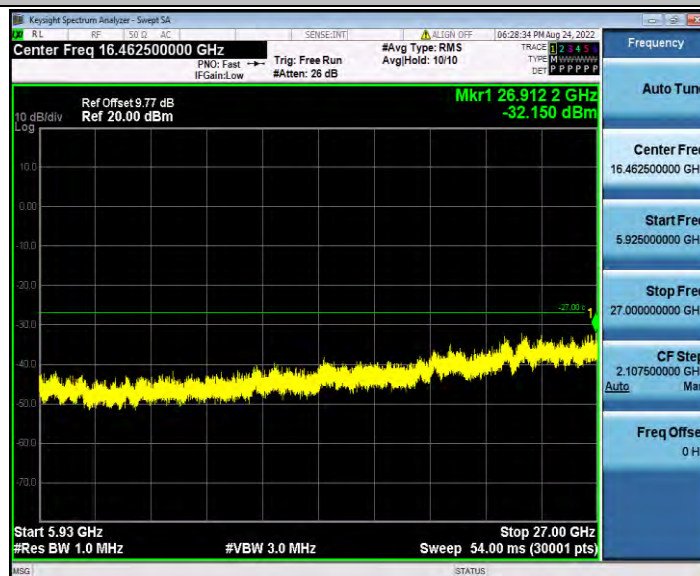
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11N20SISO_Ant2_5785_30~5650



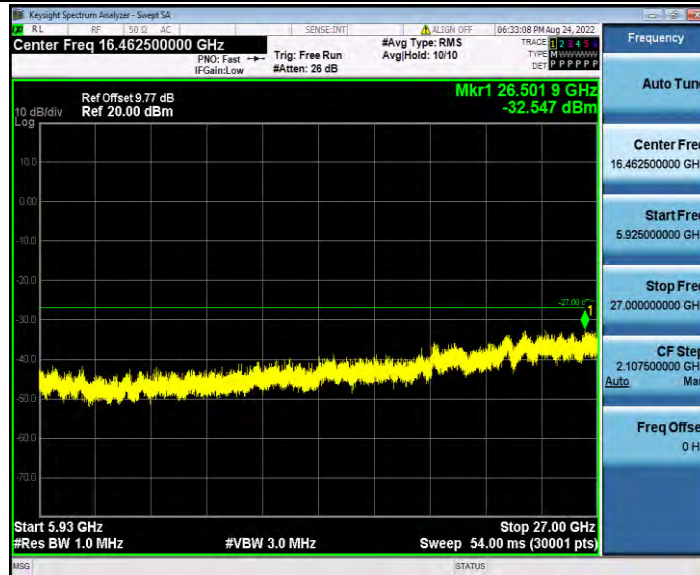
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11N20SISO_Ant2_5825_30~5650



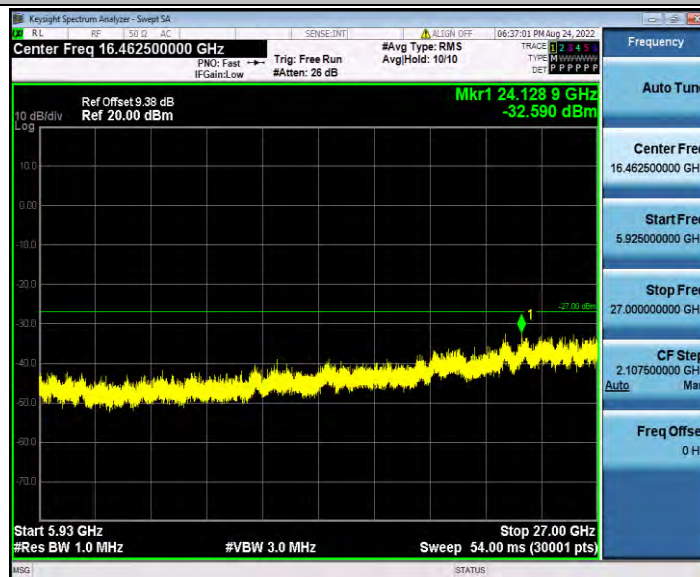
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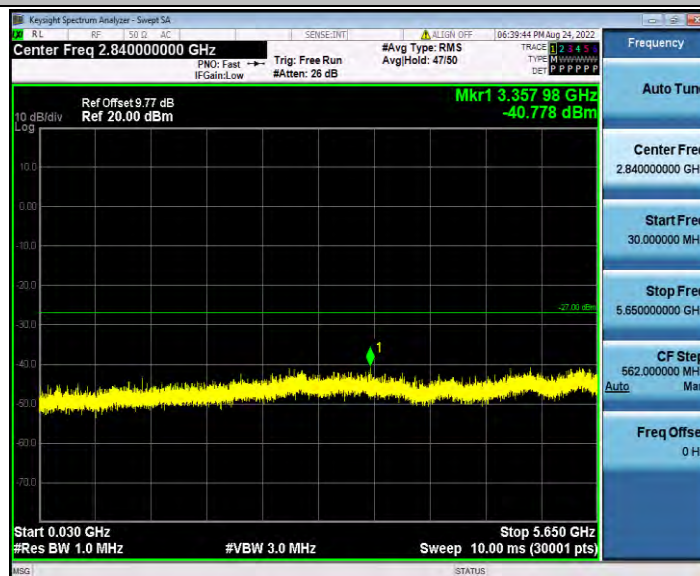
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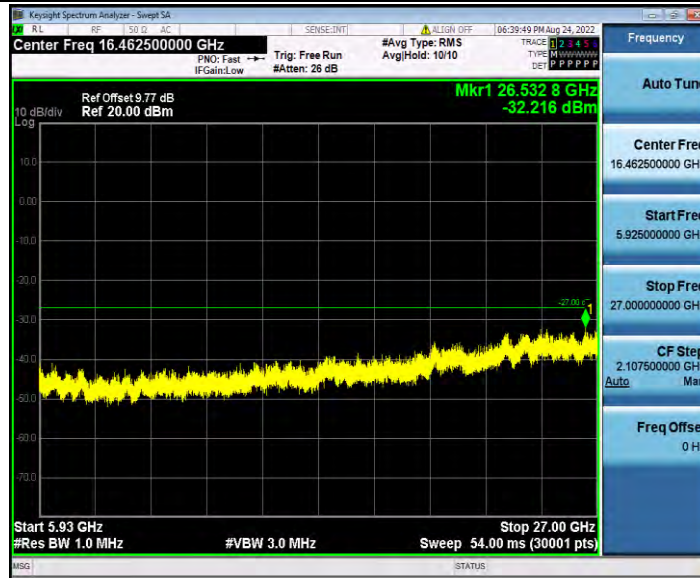
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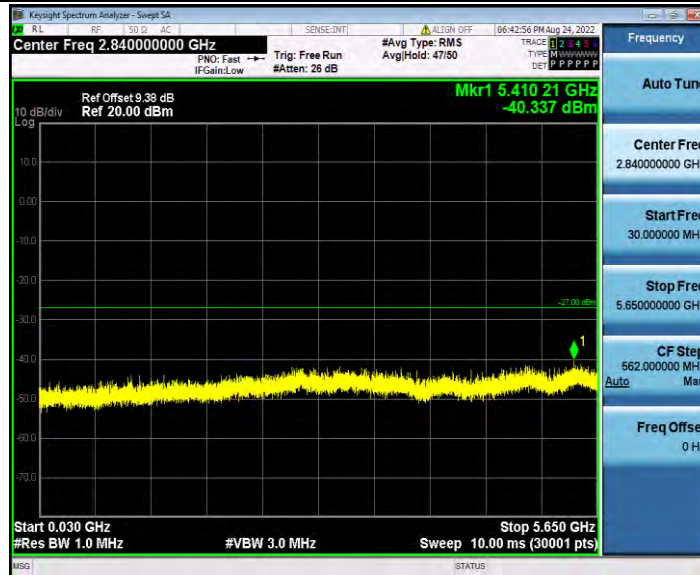
11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~40000



11AC20SISO_Ant2_5745_30~5650



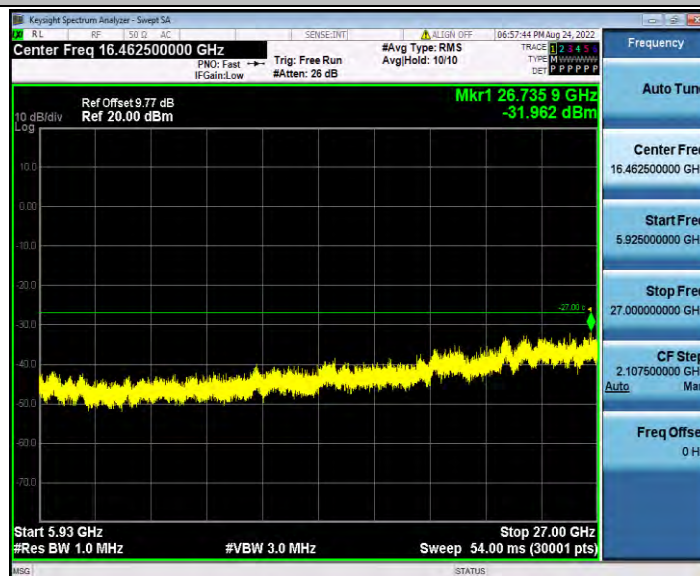
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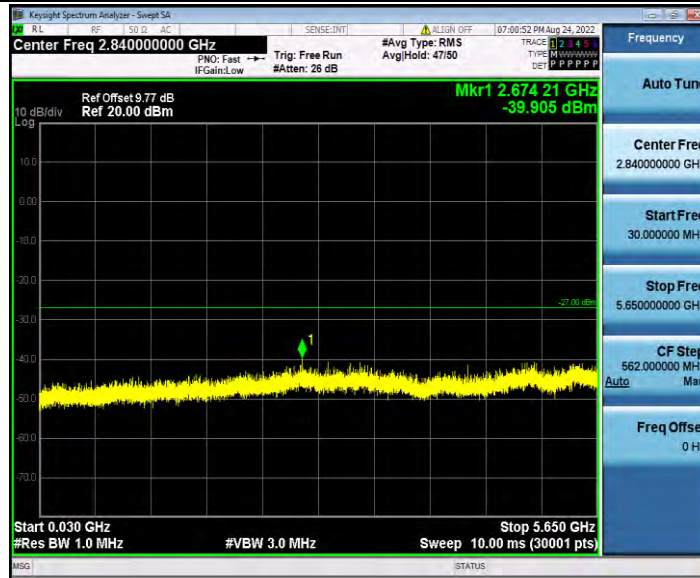
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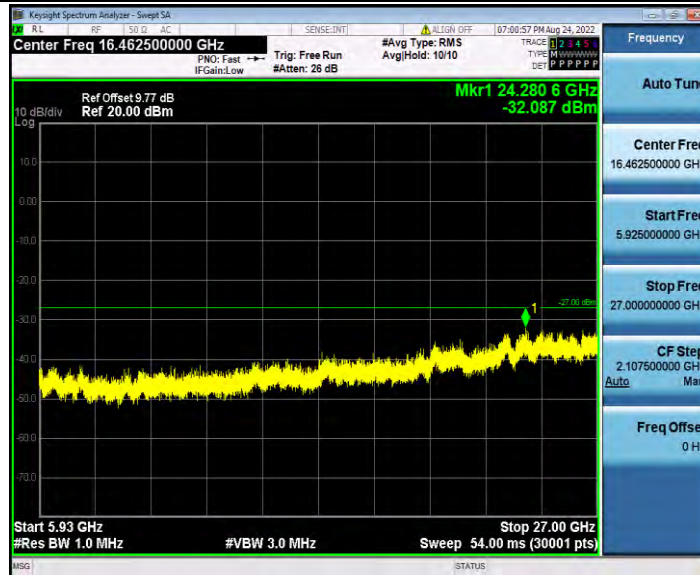
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11AC20SISO_Ant2_5825_30~5650



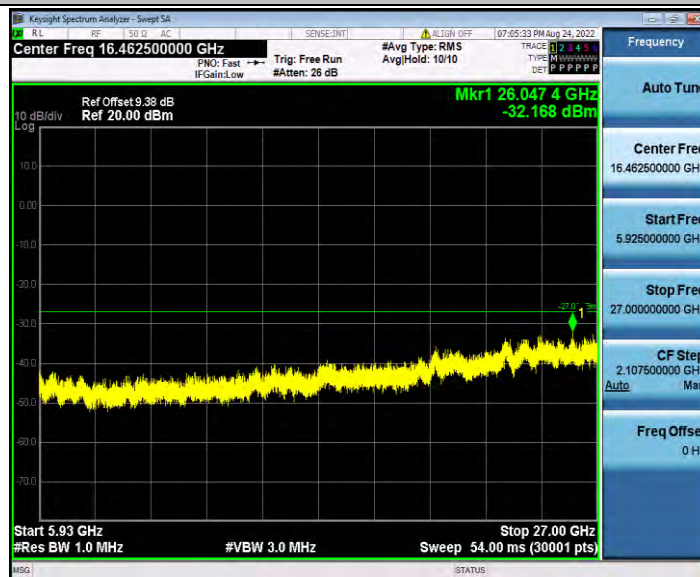
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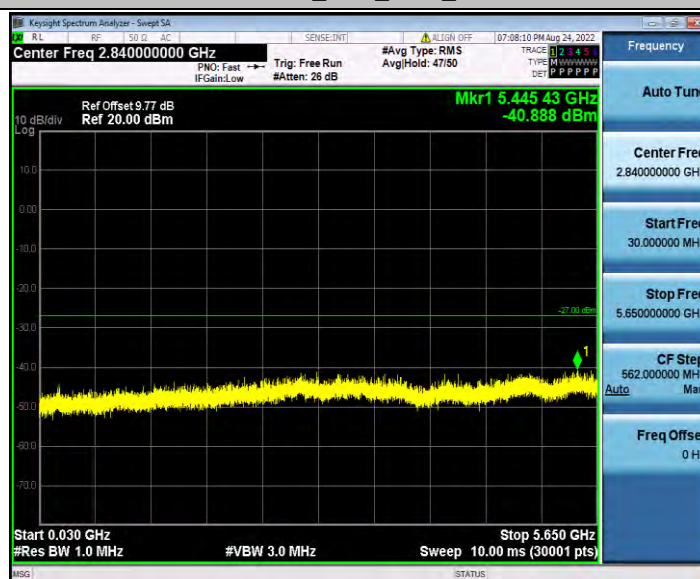
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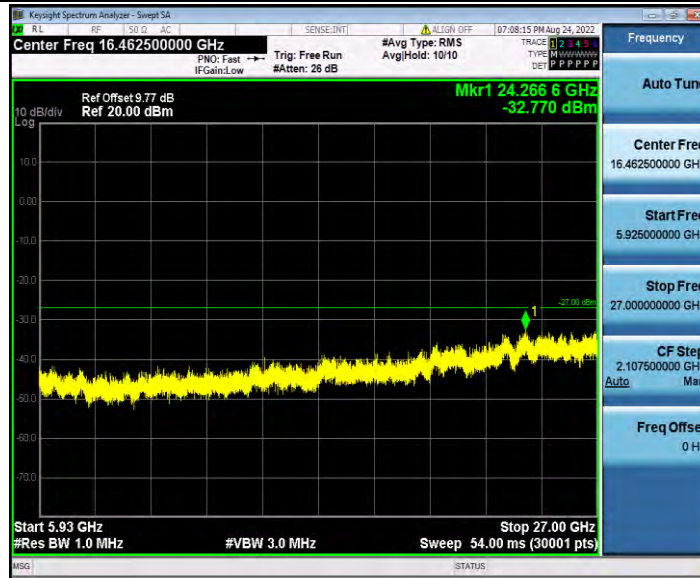
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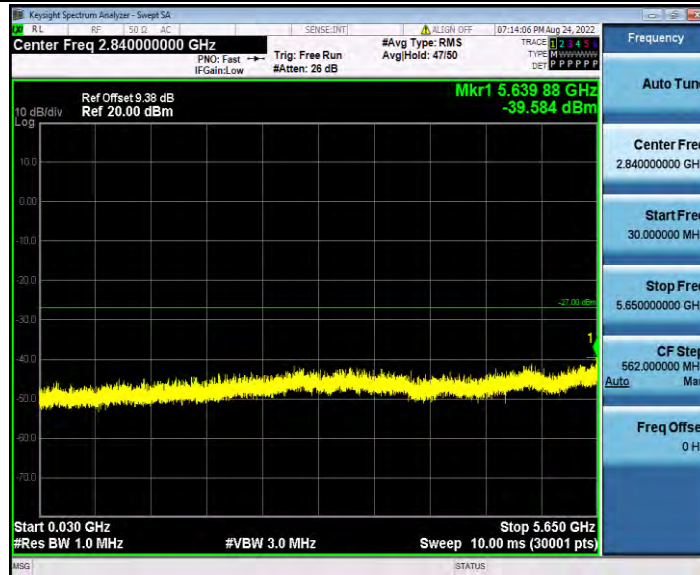
11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~40000



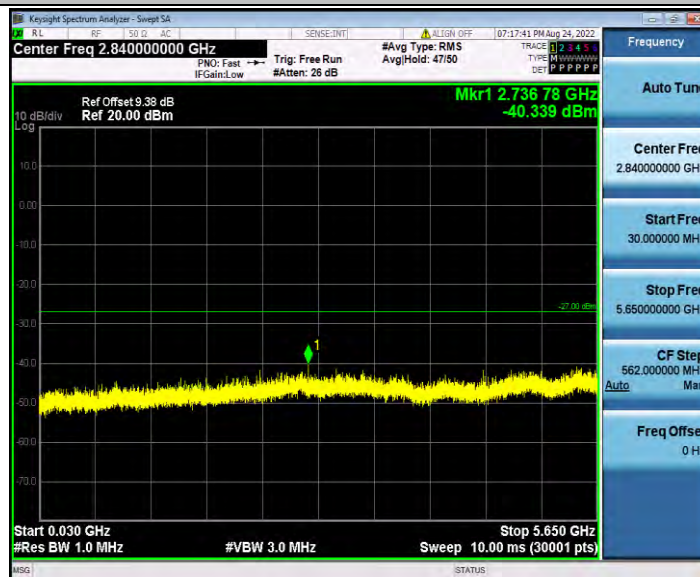
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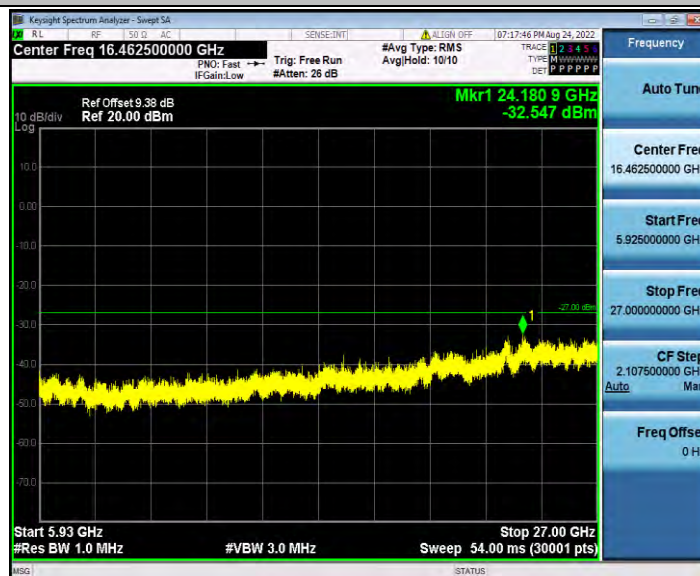
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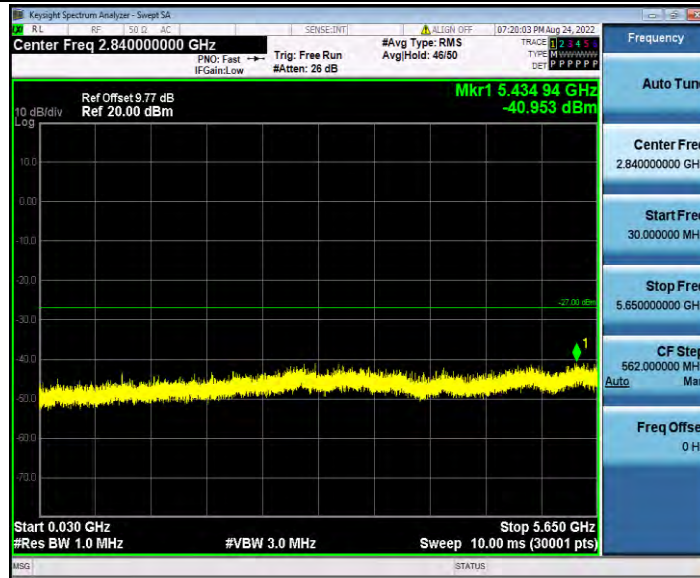
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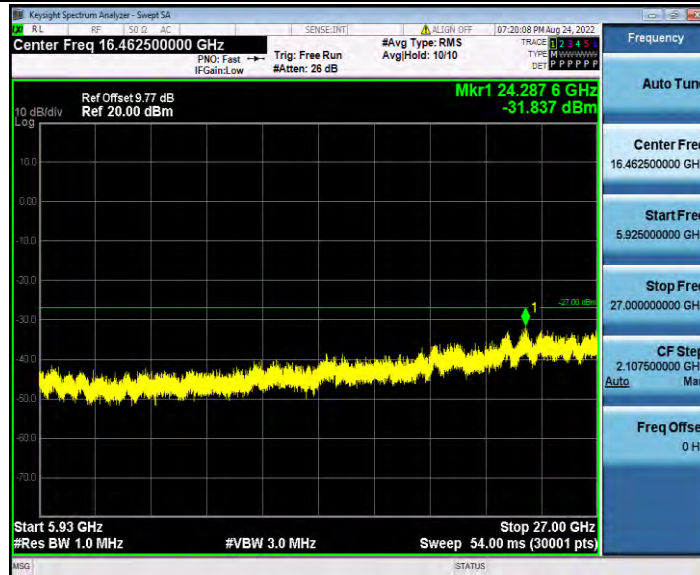
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11AX20SISO_Ant2_5785_30~5650



11AX20SISO_Ant2_5785_5925~40000



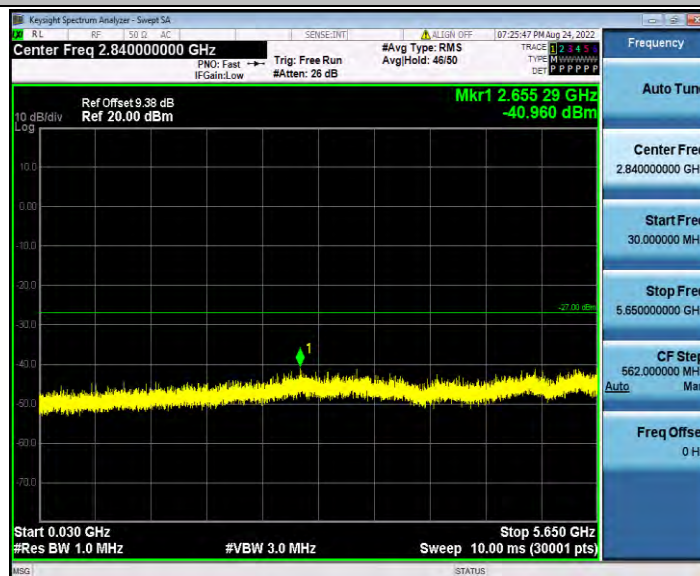
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11AX20SISO_Ant2_5825_5925~40000



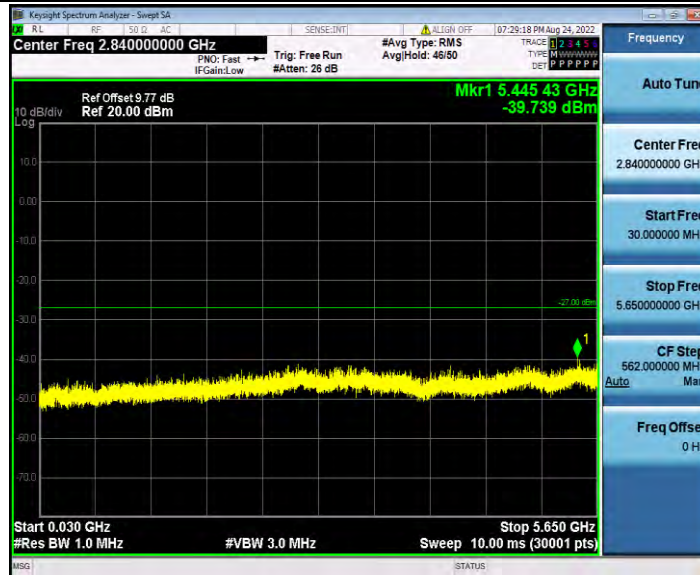
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11AX40SISO_Ant2_5755_5925~40000



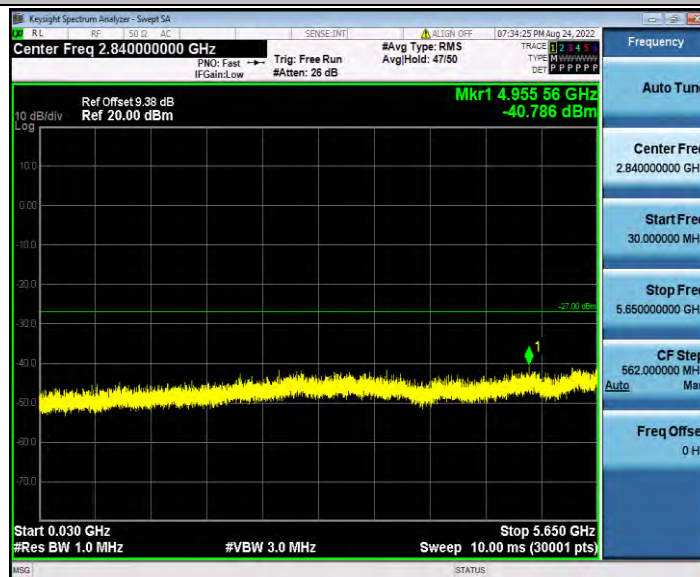
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11AX40SISO_Ant2_5795_5925~40000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~40000

