

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	Ant1	5745	7.58	96.31	0.16	7.74	≤30.00	PASS
		5785	8.03	95.87	0.18	8.21	≤30.00	PASS
		5825	7.93	95.87	0.18	8.11	≤30.00	PASS
11N20SISO	Ant1	5745	7.48	98.88	0.05	7.53	≤30.00	PASS
		5785	8.14	98.88	0.05	8.19	≤30.00	PASS
		5825	8.10	100.00	0.00	8.10	≤30.00	PASS
11N40SISO	Ant1	5755	8.12	98.88	0.05	8.17	≤30.00	PASS
		5795	8.56	98.88	0.05	8.61	≤30.00	PASS
11AC20SISO	Ant1	5745	7.48	98.88	0.05	7.53	≤30.00	PASS
		5785	8.07	98.88	0.05	8.12	≤30.00	PASS
		5825	8.17	98.88	0.05	8.22	≤30.00	PASS
11AC40SISO	Ant1	5755	7.95	98.88	0.05	8.00	≤30.00	PASS
		5795	8.51	98.88	0.05	8.56	≤30.00	PASS
11AC80SISO	Ant1	5775	8.37	98.88	0.05	8.42	≤30.00	PASS
11AX20SISO	Ant1	5745	8.38	96.32	0.16	8.54	≤30.00	PASS
		5785	10.83	97.04	0.13	10.96	≤30.00	PASS
		5825	11.00	96.32	0.16	11.16	≤30.00	PASS
11AX40SISO	Ant1	5755	8.61	94.20	0.26	8.87	≤30.00	PASS
		5795	9.55	94.20	0.26	9.81	≤30.00	PASS
11AX80SISO	Ant1	5775	8.85	88.89	0.51	9.36	≤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	1.42	≤30.00	PASS
		5785	1.69	≤30.00	PASS
		5825	1.78	≤30.00	PASS
11N20SISO	Ant1	5745	0.71	≤30.00	PASS
		5785	1.78	≤30.00	PASS
		5825	1.78	≤30.00	PASS
11N40SISO	Ant1	5755	-1.65	≤30.00	PASS
		5795	-0.98	≤30.00	PASS
11AC20SISO	Ant1	5745	1.36	≤30.00	PASS
		5785	1.15	≤30.00	PASS
		5825	1.51	≤30.00	PASS
11AC40SISO	Ant1	5755	-1.81	≤30.00	PASS
		5795	-2.19	≤30.00	PASS
11AC80SISO	Ant1	5775	-4.79	≤30.00	PASS
11AX20SISO	Ant1	5745	1.79	≤30.00	PASS
		5785	3.9	≤30.00	PASS
		5825	4.57	≤30.00	PASS
11AX40SISO	Ant1	5755	-0.14	≤30.00	PASS
		5795	0.01	≤30.00	PASS
11AX80SISO	Ant1	5775	-3.64	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

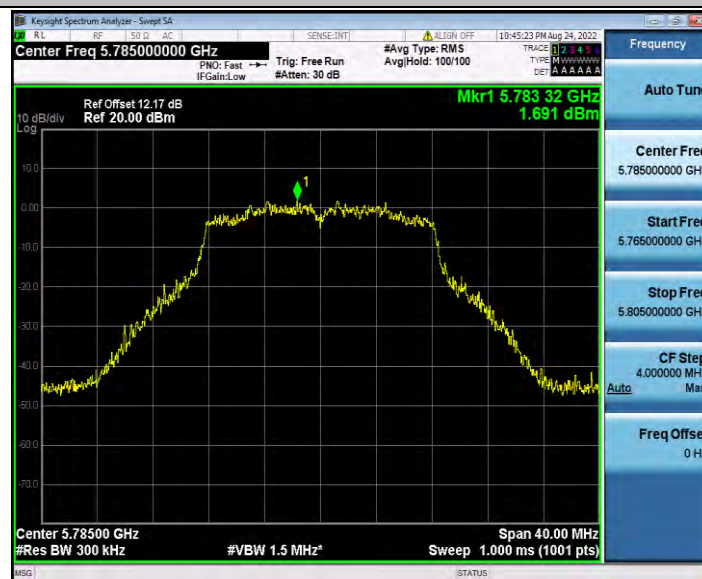
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



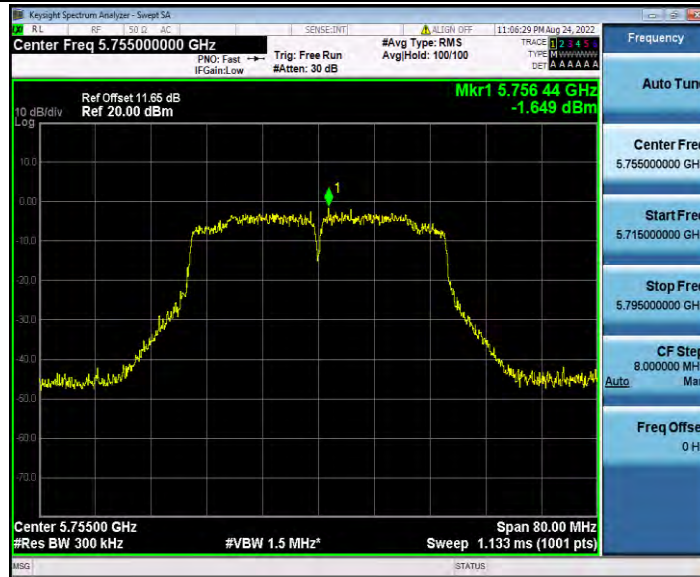
11N20SISO_Ant1_5785



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



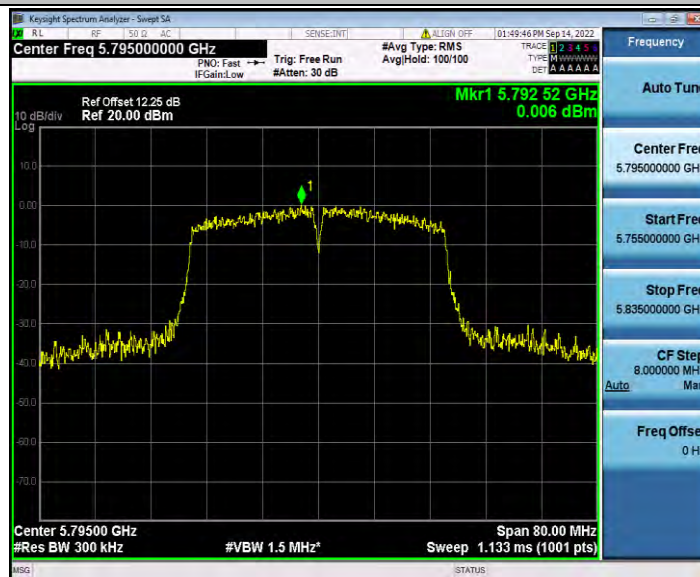
11AX20SISO_Ant1_5825



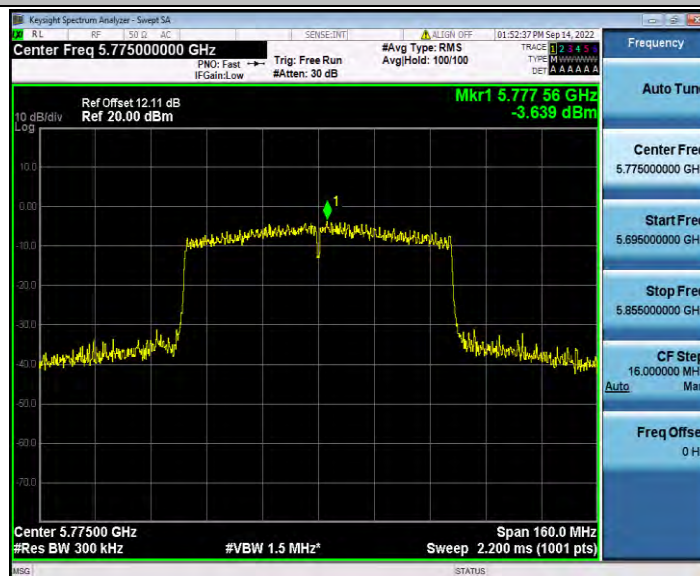
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

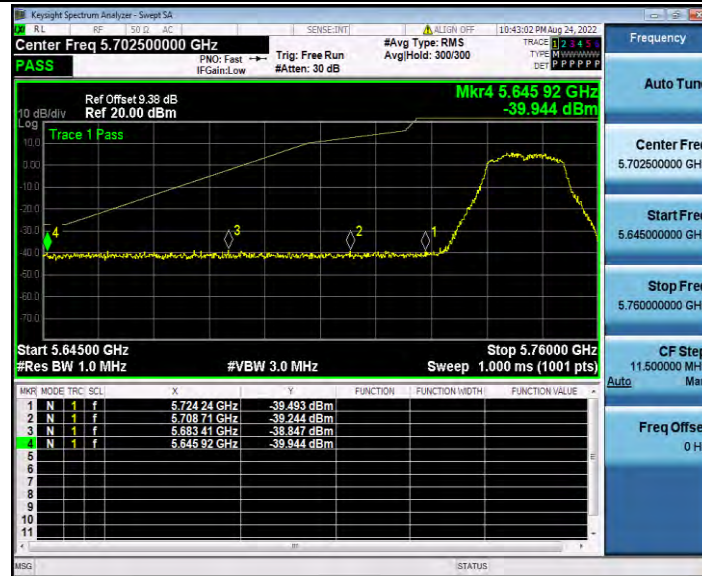
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.85	≤-2.28	PASS
				5700~5720	-39.24	≤12.44	PASS
				5720~5725	-39.49	≤25.26	PASS
				5760~5650	-39.94	≤-27	PASS
		High	5825	5850~5855	-39.43	≤25.03	PASS
				5855~5875	-38.41	≤14.67	PASS
				5875~5925	-37.82	≤-11.47	PASS
				5925~5935	-39.43	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.17	≤-4.40	PASS
				5700~5720	-38.94	≤12.76	PASS
				5720~5725	-39.01	≤15.82	PASS
				5760~5650	-40.12	≤-27	PASS
		High	5825	5850~5855	-39.44	≤15.79	PASS
				5855~5875	-38.02	≤13.27	PASS
				5875~5925	-38.05	≤-16.37	PASS
				5925~5935	-38.83	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.71	≤2.27	PASS
				5700~5720	-39.45	≤15.39	PASS
				5720~5725	-38.46	≤17.28	PASS
				5780~5650	-40.3	≤-27	PASS
		High	5795	5850~5855	-38.21	≤24.69	PASS
				5855~5875	-38.65	≤11.47	PASS
				5875~5925	-37.74	≤-22.65	PASS
				5925~5935	-38.95	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.08	≤-6.70	PASS
				5700~5720	-38.68	≤12.50	PASS
				5720~5725	-38.5	≤25.52	PASS
				5760~5650	-40.57	≤-27	PASS
		High	5825	5850~5855	-38.43	≤17.64	PASS
				5855~5875	-38.66	≤11.23	PASS
				5875~5925	-38.63	≤-3.98	PASS
				5925~5935	-38.4	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.2	≤8.86	PASS
				5700~5720	-39.6	≤12.52	PASS
				5720~5725	-37.93	≤18.51	PASS
				5780~5650	-39.46	≤-27	PASS

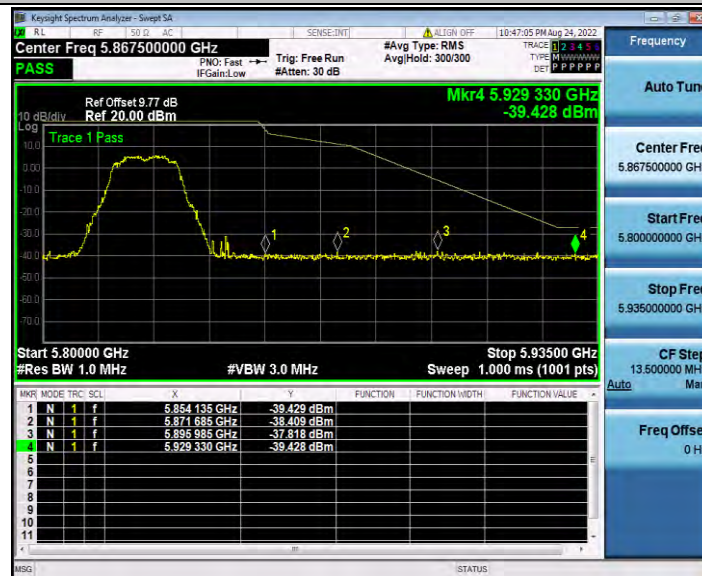
		High	5795	5850~5855	-38.41	≤21.68	PASS
				5855~5875	-38.37	≤15.58	PASS
				5875~5925	-38.45	≤-17.15	PASS
				5925~5935	-38.84	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-38.15	≤4.17	PASS
				5700~5720	-38.36	≤10.31	PASS
				5720~5725	-34.69	≤24.83	PASS
				5800~5650	-40.4	≤-27	PASS
		High	5775	5850~5855	-38.78	≤20.01	PASS
				5855~5875	-38.79	≤10.54	PASS
				5875~5925	-38.58	≤6.17	PASS
				5925~5935	-38.81	≤-27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.79	≤-1.51	PASS
				5700~5720	-30.51	≤15.50	PASS
				5720~5725	-28.39	≤24.21	PASS
				5760~5650	-39.85	≤-27	PASS
		High	5825	5850~5855	-31.74	≤15.79	PASS
				5855~5875	-33.45	≤10.25	PASS
				5875~5925	-37.76	≤-12.07	PASS
				5925~5935	-38.69	≤-27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-36.24	≤9.56	PASS
				5700~5720	-26.14	≤14.94	PASS
				5720~5725	-26.77	≤24.97	PASS
				5780~5650	-39.73	≤-27	PASS
		High	5795	5850~5855	-36.71	≤20.17	PASS
				5855~5875	-37.47	≤10.04	PASS
				5875~5925	-38.29	≤-23.99	PASS
				5925~5935	-38.53	≤-27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-29.54	≤6.92	PASS
				5700~5720	-26.14	≤11.66	PASS
				5720~5725	-26.38	≤23.42	PASS
				5800~5650	-39.47	≤-27	PASS
		High	5775	5850~5855	-29.39	≤20.43	PASS
				5855~5875	-30.74	≤12.72	PASS
				5875~5925	-36.88	≤-26.82	PASS
				5925~5935	-39.46	≤-27	PASS

Test Graphs B4

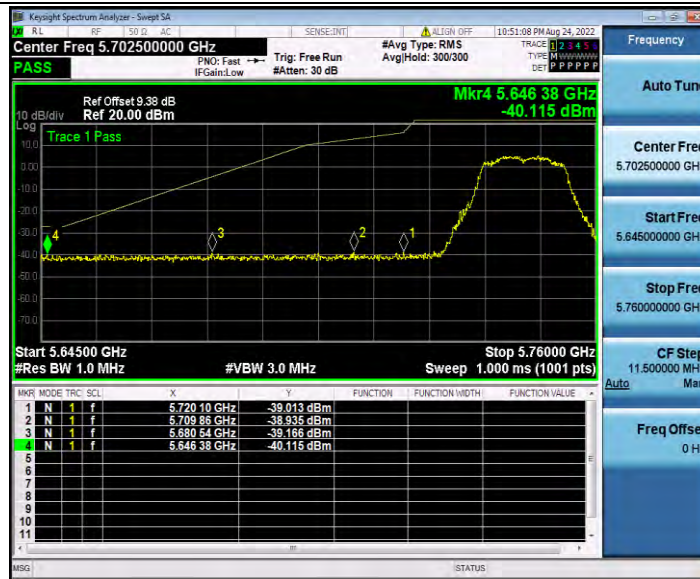
11A_Ant1_Low_5745



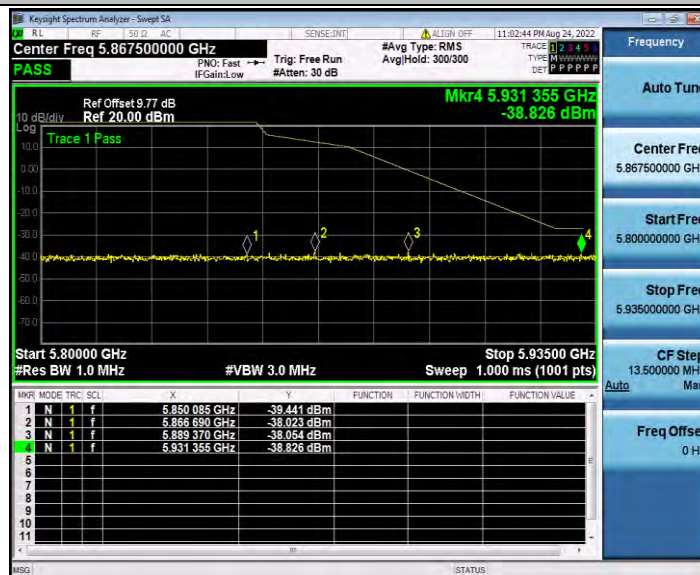
11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



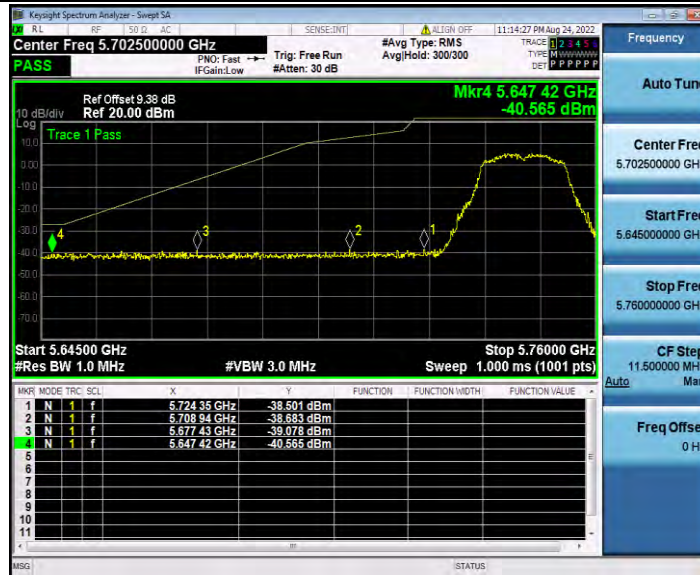
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



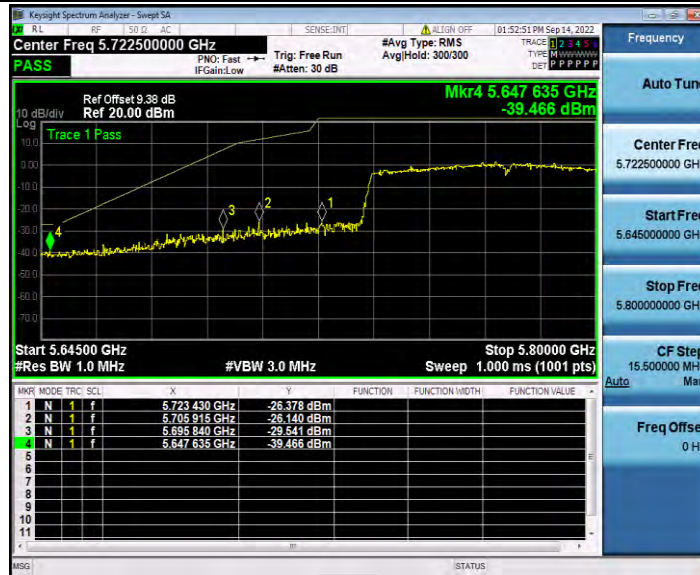
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5536.48	-41.21	≤-27	PASS
			5925~40000	24813.12	-32.29	≤-27	PASS
		5785	30~5650	4907.97	-40.51	≤-27	PASS
			5925~40000	23524.73	-32.37	≤-27	PASS
		5825	30~5650	5615.91	-40.24	≤-27	PASS
			5925~40000	26558.83	-32.08	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5479.53	-40.36	≤-27	PASS
			5925~40000	24842.62	-32.29	≤-27	PASS
		5785	30~5650	2053.01	-40.54	≤-27	PASS
			5925~40000	23550.73	-31.68	≤-27	PASS
		5825	30~5650	5459.29	-40.67	≤-27	PASS
			5925~40000	26468.21	-32.05	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5453.67	-41.01	≤-27	PASS
			5925~40000	24348.77	-32.31	≤-27	PASS
		5795	30~5650	5458.92	-40.2	≤-27	PASS
			5925~40000	25678.6	-32.1	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5443.56	-41.65	≤-27	PASS
			5925~40000	26660.69	-31.63	≤-27	PASS
		5785	30~5650	5417.14	-39.94	≤-27	PASS
			5925~40000	25796.62	-32.22	≤-27	PASS
		5825	30~5650	5448.24	-40.51	≤-27	PASS
			5925~40000	24912.87	-31.27	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	1736.42	-36.95	≤-27	PASS
			5925~40000	25172.8	-33.09	≤-27	PASS
		5795	30~5650	5422.95	-40.28	≤-27	PASS
			5925~40000	26850.37	-32.29	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5464.91	-40.56	≤-27	PASS
			5925~40000	25999.64	-32.96	≤-27	PASS
		5785	30~5650	5472.97	-40.35	≤-27	PASS
			5925~40000	26076.92	-32.67	≤-27	PASS
		5825	30~5650	5450.3	-40.53	≤-27	PASS
			5925~40000	23500.85	-31.97	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5440.56	-40.06	≤-27	PASS
			5925~40000	26919.92	-32.13	≤-27	PASS
		5795	30~5650	5529.17	-40.22	≤-27	PASS
			5925~40000	25545.83	-32.11	≤-27	PASS

11AX80SISO	Ant1	5775	30~5650	5511.37	-41.17	≤-27	PASS
			5925~40000	24951.51	-32.93	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



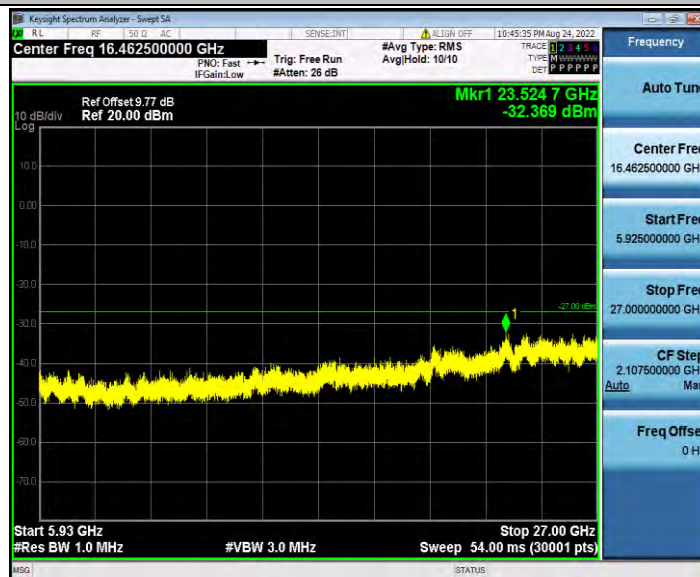
11A_Ant1_5745_5925~40000



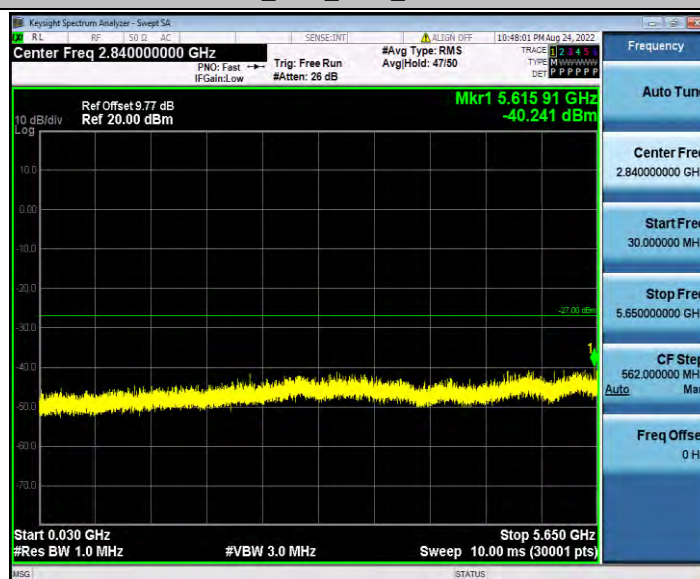
11A_Ant1_5785_30~5650



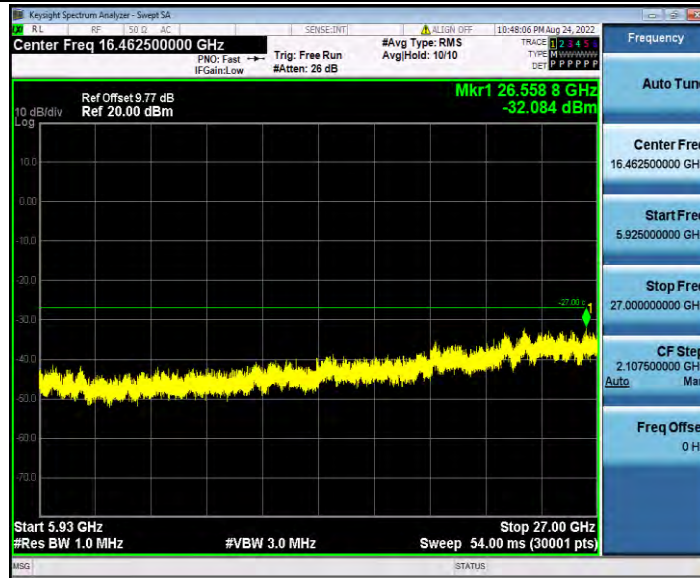
11A_Ant1_5785_5925~40000



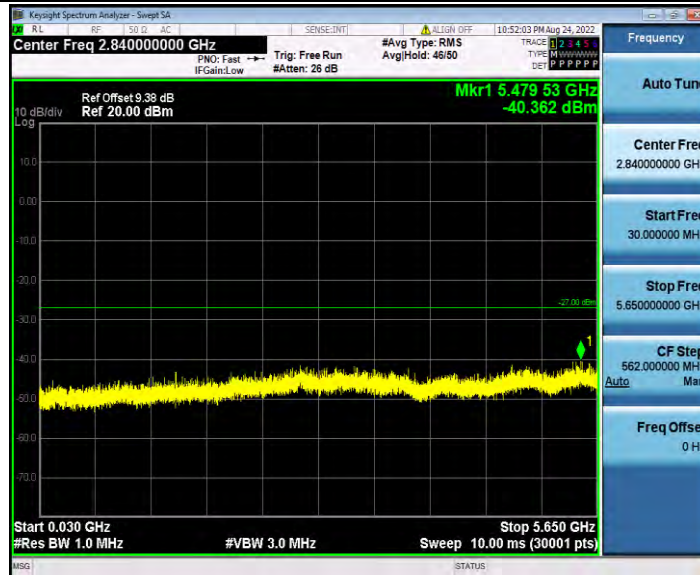
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



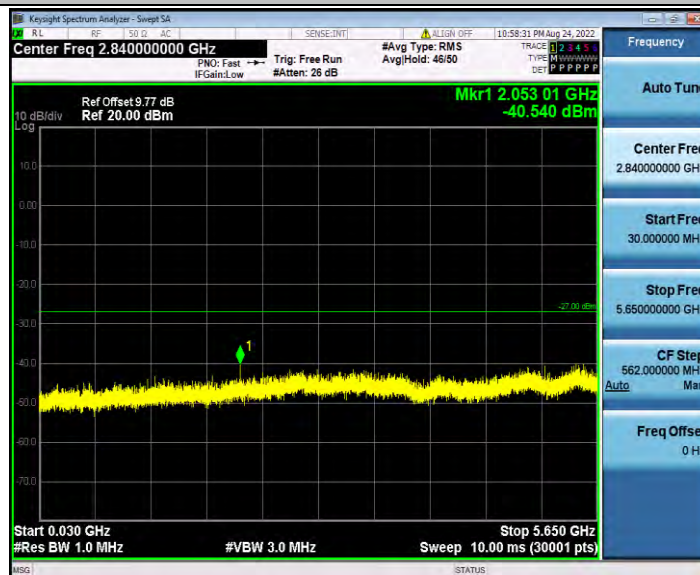
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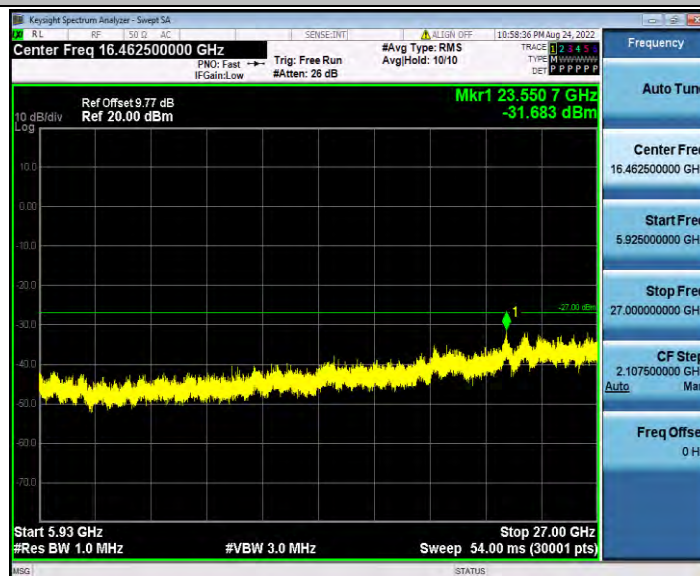
11N20SISO_Ant1_5745_5925~40000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



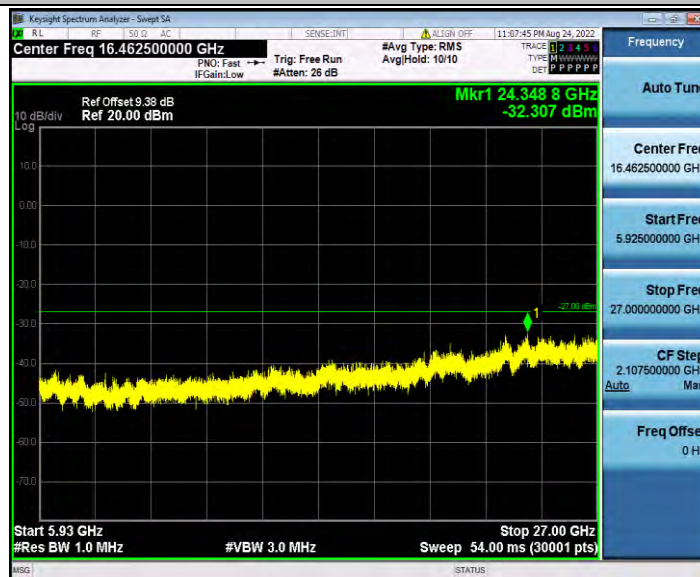
11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



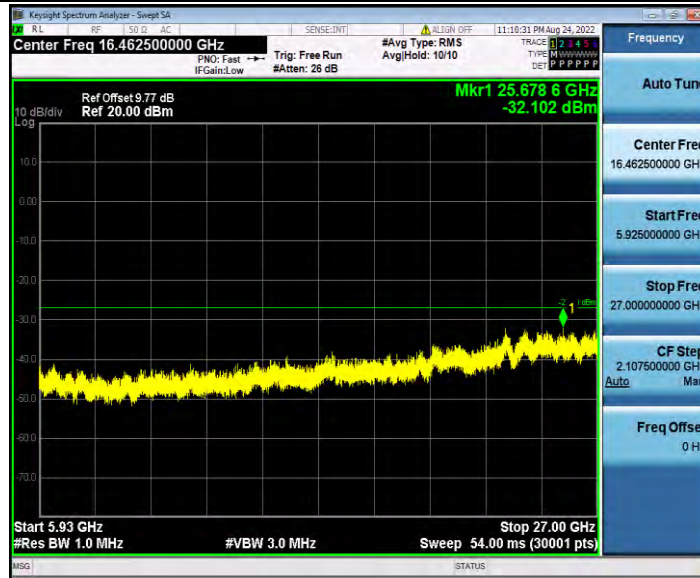
11N40SISO_Ant1_5755_5925~40000



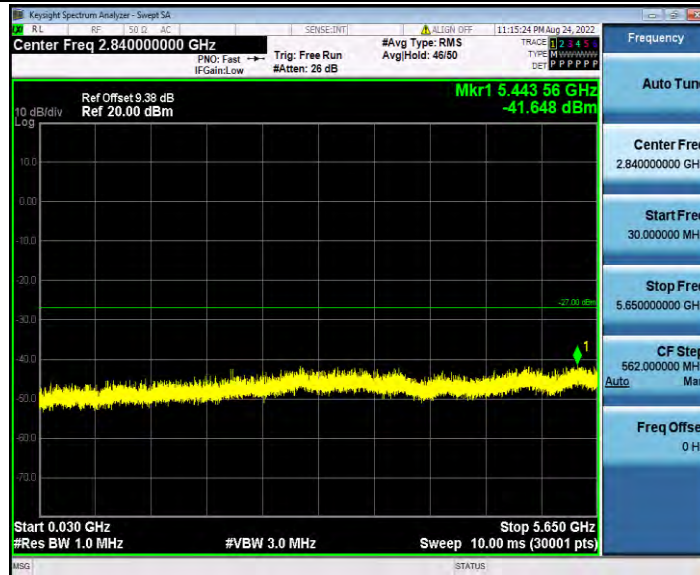
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11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5745_30~5650



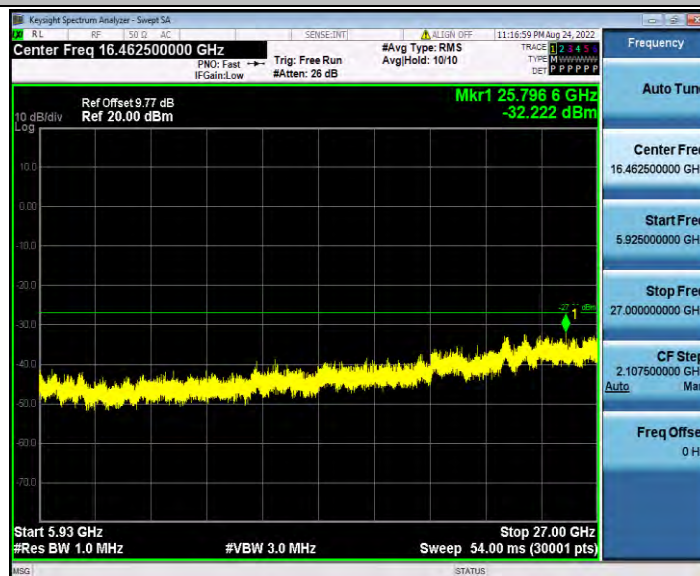
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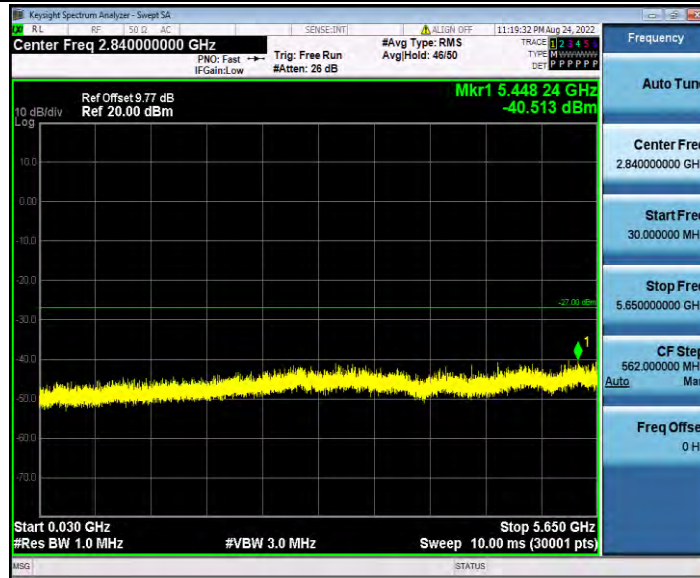
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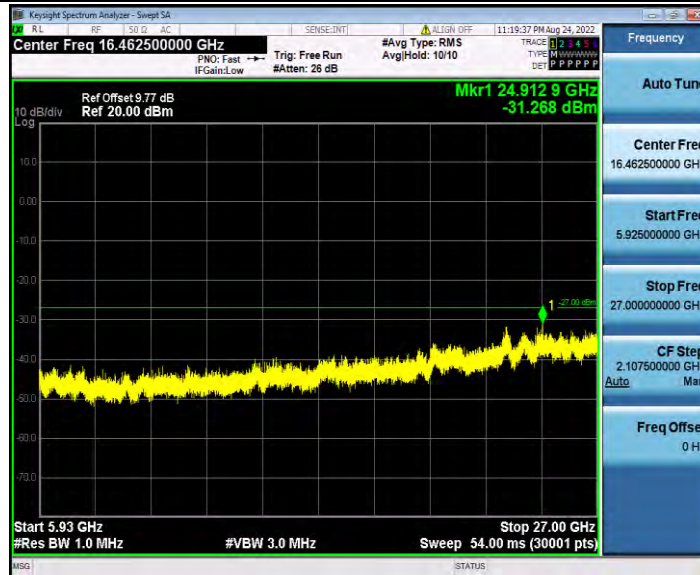
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11AC20SISO_Ant1_5825_30~5650



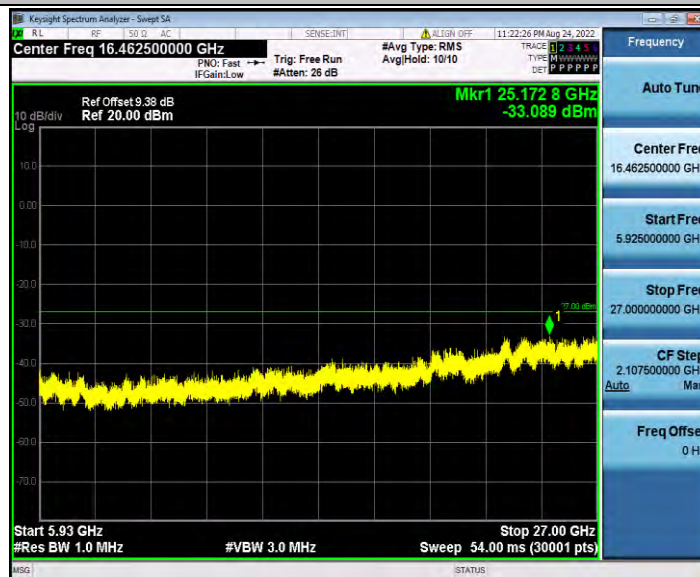
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11AC40SISO_Ant1_5755_30~5650



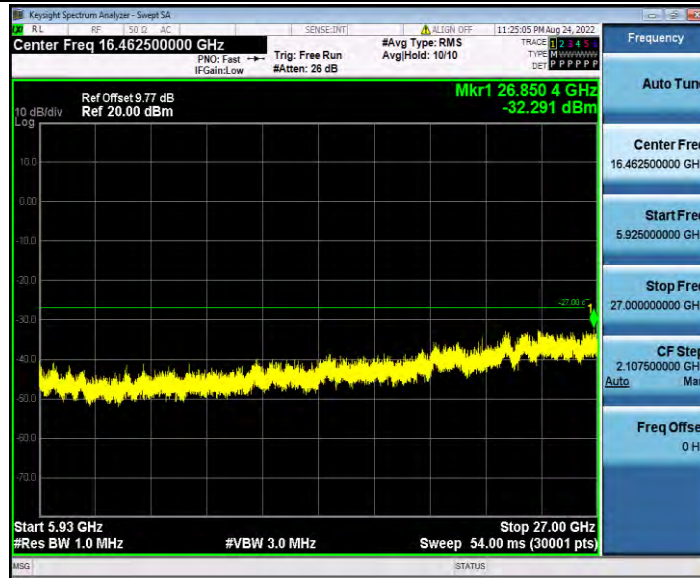
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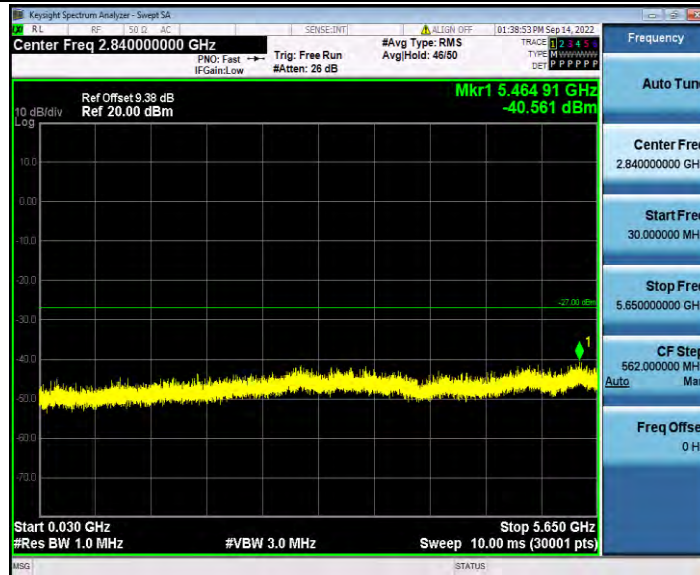
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



11AX20SISO_Ant1_5745_30~5650



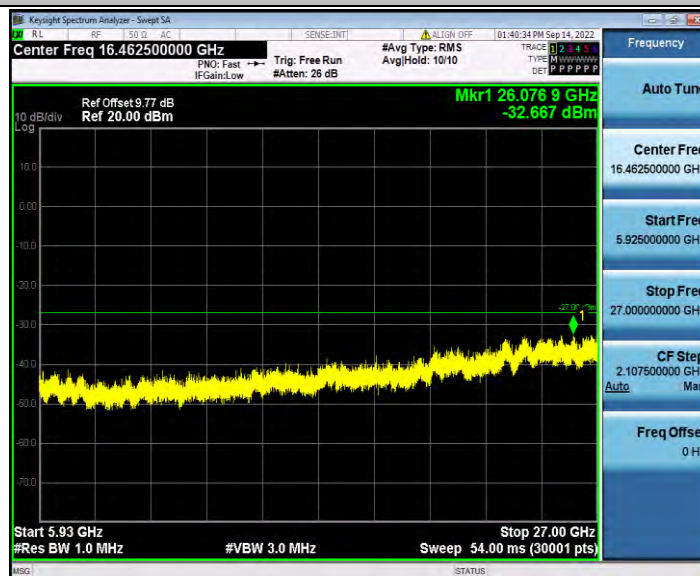
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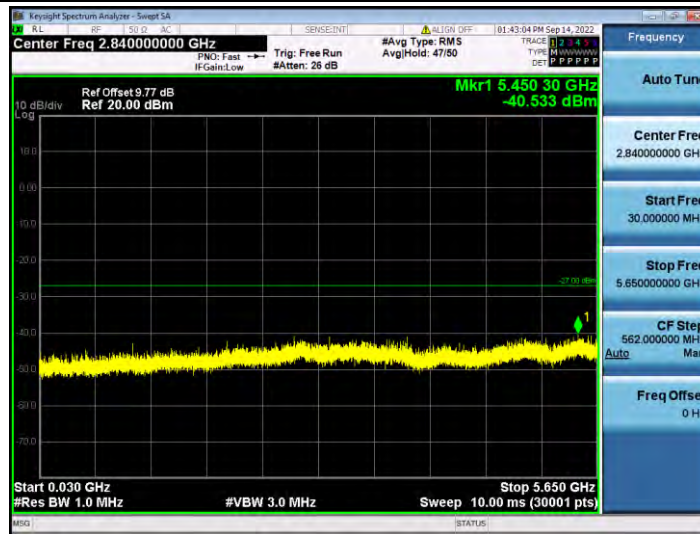
11AX20SISO_Ant1_5785_30~5650



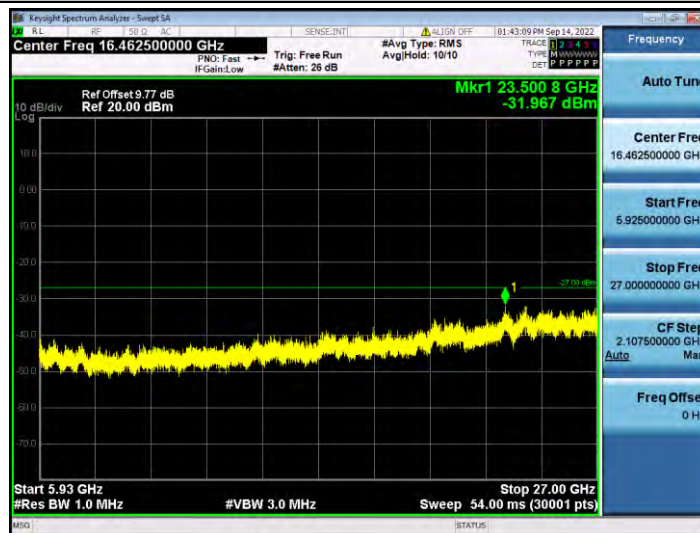
11AX20SISO_Ant1_5785_5925~40000



11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000



11AX40SISO_Ant1_5755_30~5650



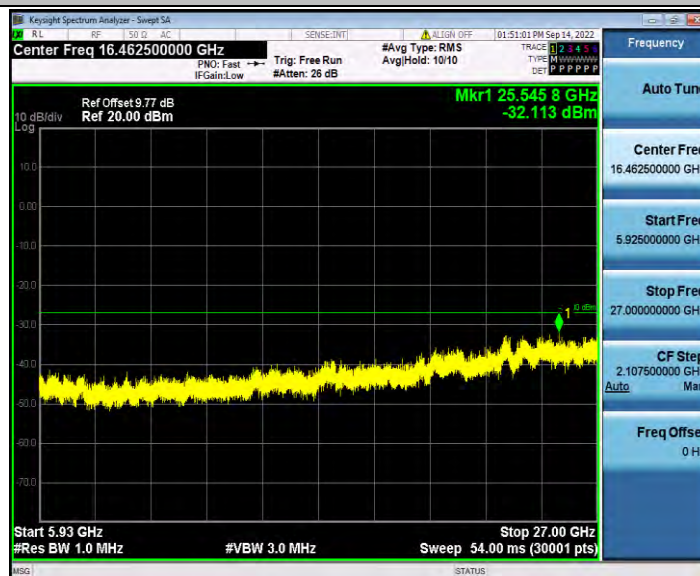
11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000

