

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	6.01	97.65	0.10	6.11	≤30.00	PASS
		5785	6.30	98.12	0.08	6.38	≤30.00	PASS
		5825	7.13	97.65	0.10	7.23	≤30.00	PASS
11N20SISO	Ant1	5745	5.73	99.00	0.04	5.77	≤30.00	PASS
		5785	6.41	98.76	0.05	6.46	≤30.00	PASS
		5825	6.71	98.76	0.05	6.76	≤30.00	PASS
11N40SISO	Ant1	5755	5.95	98.76	0.05	6.00	≤30.00	PASS
		5795	6.62	99.00	0.04	6.66	≤30.00	PASS
11AC20SISO	Ant1	5745	8.24	98.75	0.05	8.29	≤30.00	PASS
		5785	9.06	98.75	0.05	9.11	≤30.00	PASS
		5825	9.30	99.00	0.04	9.34	≤30.00	PASS
11AC40SISO	Ant1	5755	8.37	98.75	0.05	8.42	≤30.00	PASS
		5795	9.10	98.75	0.05	9.15	≤30.00	PASS
11AC80SISO	Ant1	5775	8.80	99.00	0.04	8.84	≤30.00	PASS
11AX20SISO	Ant1	5745	8.02	98.77	0.05	8.07	≤30.00	PASS
		5785	8.73	99.02	0.04	8.77	≤30.00	PASS
		5825	9.24	99.02	0.04	9.28	≤30.00	PASS
11AX40SISO	Ant1	5755	8.03	98.75	0.05	8.08	≤30.00	PASS
		5795	8.80	98.75	0.05	8.85	≤30.00	PASS
11AX80SISO	Ant1	5775	8.59	98.75	0.05	8.64	≤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	-0.78	≤30.00	PASS
		5785	-0.78	≤30.00	PASS
		5825	-0.36	≤30.00	PASS
11N20SISO	Ant1	5745	-1.68	≤30.00	PASS
		5785	-0.78	≤30.00	PASS
		5825	-0.93	≤30.00	PASS
11N40SISO	Ant1	5755	-4.95	≤30.00	PASS
		5795	-3.54	≤30.00	PASS
11AC20SISO	Ant1	5745	1.29	≤30.00	PASS
		5785	2.18	≤30.00	PASS
		5825	1.51	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.41	≤30.00	PASS
		5795	-0.38	≤30.00	PASS
11AC80SISO	Ant1	5775	-4.65	≤30.00	PASS
11AX20SISO	Ant1	5745	1.71	≤30.00	PASS
		5785	2.45	≤30.00	PASS
		5825	2.63	≤30.00	PASS
11AX40SISO	Ant1	5755	-1.42	≤30.00	PASS
		5795	-0.21	≤30.00	PASS
11AX80SISO	Ant1	5775	-4.29	≤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



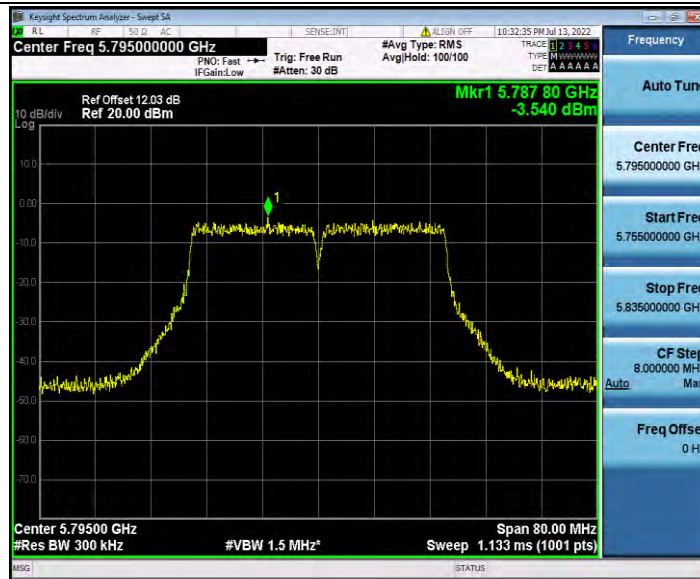
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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



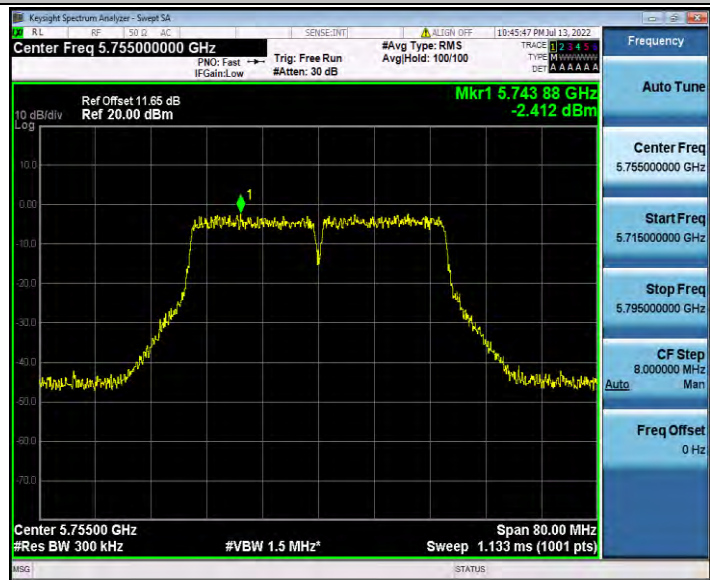
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



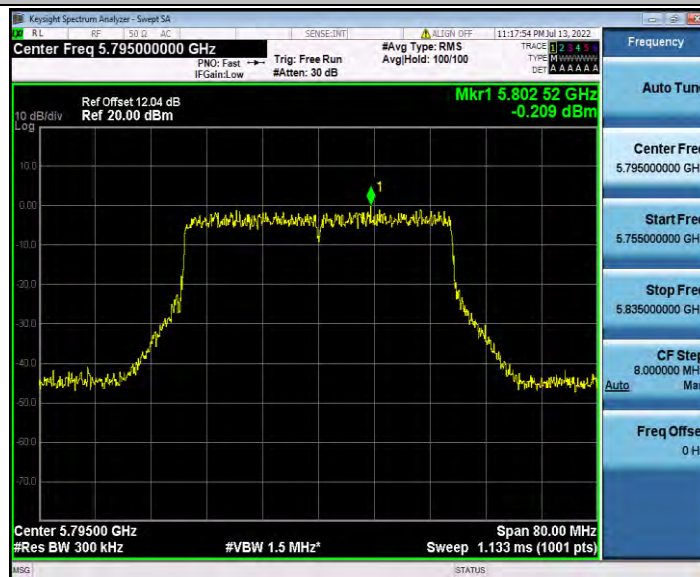
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

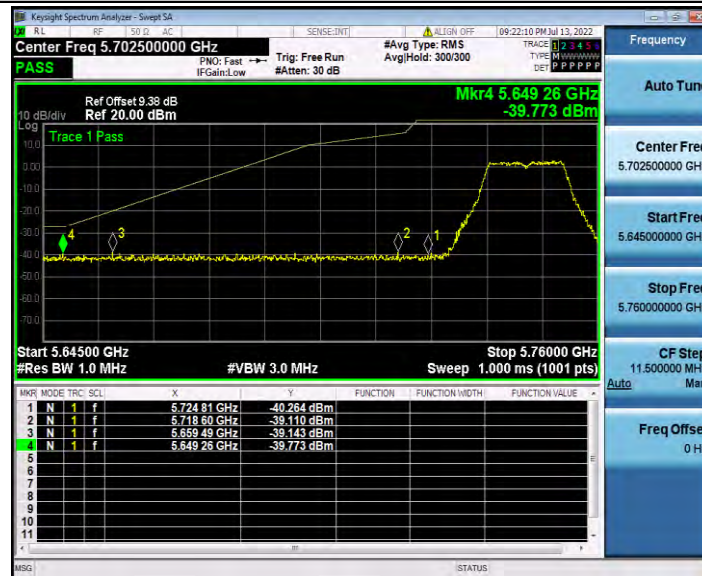
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.14	≤-19.98	PASS
				5700~5720	-39.11	≤15.21	PASS
				5720~5725	-40.26	≤26.57	PASS
				5760~5650	-39.77	≤-27	PASS
		High	5825	5850~5855	-39.19	≤21.03	PASS
				5855~5875	-38.5	≤11.42	PASS
				5875~5925	-38.24	≤7.81	PASS
				5925~5935	-38.64	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.14	≤-15.30	PASS
				5700~5720	-38.6	≤14.15	PASS
				5720~5725	-38.77	≤20.80	PASS
				5760~5650	-40.75	≤-27	PASS
		High	5825	5850~5855	-39.54	≤16.10	PASS
				5855~5875	-38.39	≤14.67	PASS
				5875~5925	-38.24	≤-6.68	PASS
				5925~5935	-38.9	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.35	≤5.16	PASS
				5700~5720	-39.21	≤15.58	PASS
				5720~5725	-39.31	≤21.28	PASS
				5780~5650	-40.48	≤-27	PASS
		High	5795	5850~5855	-39.6	≤18.67	PASS
				5855~5875	-38.19	≤12.76	PASS
				5875~5925	-37.96	≤9.83	PASS
				5925~5935	-38.64	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.92	≤-26.96	PASS
				5700~5720	-39.43	≤14.66	PASS
				5720~5725	-38.76	≤22.37	PASS
				5760~5650	-39.84	≤-27	PASS
		High	5825	5850~5855	-37.51	≤17.03	PASS
				5855~5875	-38.41	≤10.21	PASS
				5875~5925	-38.63	≤-3.28	PASS
				5925~5935	-39.06	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.38	≤-5.63	PASS
				5700~5720	-38.59	≤15.50	PASS
				5720~5725	-38.07	≤22.20	PASS

		High	5795	5780~5650	-40.23	≤ -27	PASS
				5850~5855	-38.62	≤ 24.31	PASS
				5855~5875	-38.14	≤ 14.71	PASS
				5875~5925	-38.2	≤ 9.22	PASS
				5925~5935	-39.39	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-39.03	≤ 5.77	PASS
				5700~5720	-38.29	≤ 10.57	PASS
				5720~5725	-36.22	≤ 25.19	PASS
				5800~5650	-40.73	≤ -27	PASS
		High	5775	5850~5855	-37.72	≤ 24.65	PASS
				5855~5875	-38.99	≤ 12.25	PASS
				5875~5925	-37.87	≤ -0.67	PASS
				5925~5935	-39.34	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.21	≤ 2.40	PASS
				5700~5720	-39.64	≤ 15.14	PASS
				5720~5725	-38.25	≤ 18.70	PASS
				5760~5650	-39.96	≤ -27	PASS
		High	5825	5850~5855	-34.62	≤ 16.10	PASS
				5855~5875	-38.08	≤ 10.17	PASS
				5875~5925	-37.93	≤ -24.96	PASS
				5925~5935	-38.91	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.07	≤ -0.73	PASS
				5700~5720	-39.09	≤ 15.20	PASS
				5720~5725	-39.28	≤ 19.74	PASS
				5780~5650	-40.03	≤ -27	PASS
		High	5795	5850~5855	-38.51	≤ 22.05	PASS
				5855~5875	-38.7	≤ 10.59	PASS
				5875~5925	-38.11	≤ 3.60	PASS
				5925~5935	-39.17	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.79	≤ -1.11	PASS
				5700~5720	-38.35	≤ 10.96	PASS
				5720~5725	-37.03	≤ 26.95	PASS
				5800~5650	-40.38	≤ -27	PASS
		High	5775	5850~5855	-38.01	≤ 25.92	PASS
				5855~5875	-38.46	≤ 10.13	PASS
				5875~5925	-38.17	≤ -2.31	PASS
				5925~5935	-39.29	≤ -27	PASS

Test Graphs B4

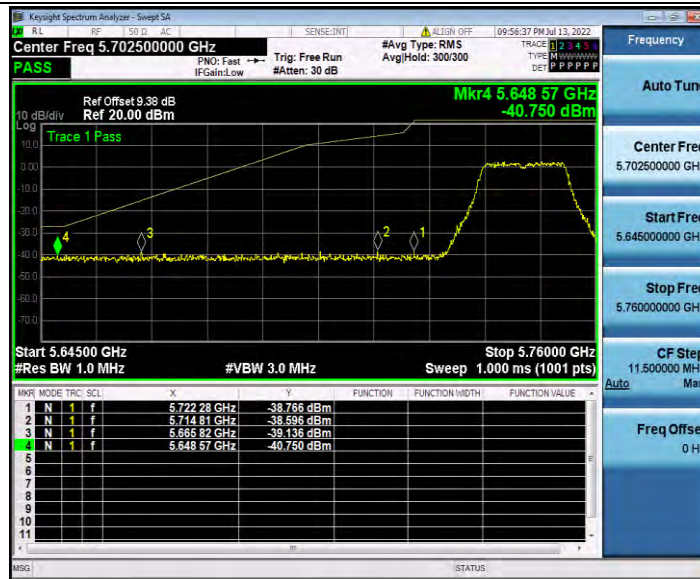
11A_Ant1_Low_5745



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



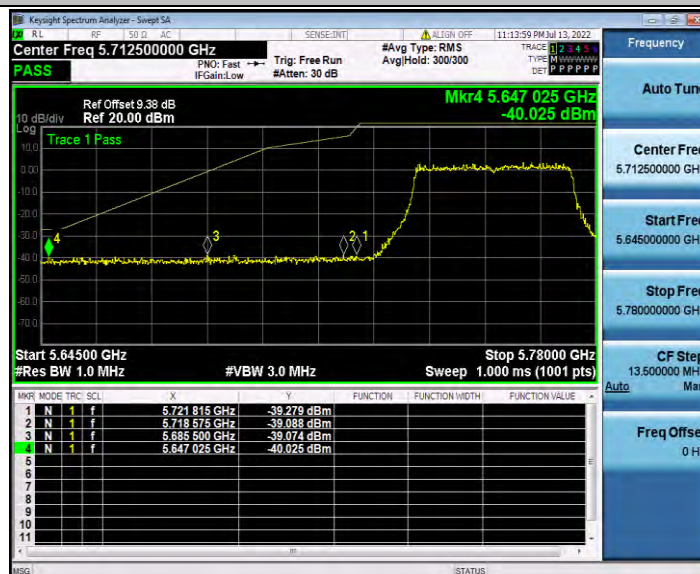
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11AX20SISO_Ant1_High_5825



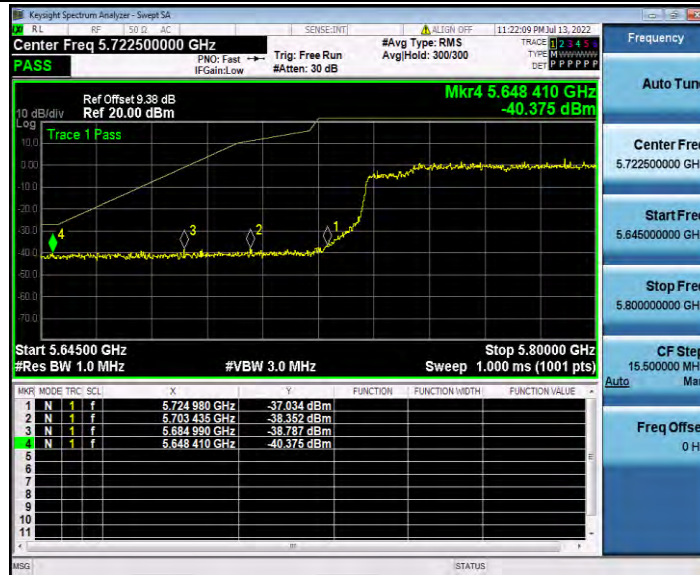
11AX40SISO_Ant1_Low_5755



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	5480.09	-41.1	≤-27	PASS
			5925~40000	26061.46	-32.34	≤-27	PASS
		5785	30~5650	4945.06	-40.86	≤-27	PASS
			5925~40000	24201.94	-32.25	≤-27	PASS
		5825	30~5650	5465.1	-40.94	≤-27	PASS
			5925~40000	24714.07	-32.75	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5075.64	-41.19	≤-27	PASS
			5925~40000	24277.81	-33.13	≤-27	PASS
		5785	30~5650	5473.53	-39.64	≤-27	PASS
			5925~40000	25035.11	-32.81	≤-27	PASS
		5825	30~5650	5456.11	-40.21	≤-27	PASS
			5925~40000	26768.88	-32.36	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5480.65	-40.1	≤-27	PASS
			5925~40000	25118.71	-32.44	≤-27	PASS
		5795	30~5650	5489.08	-39.31	≤-27	PASS
			5925~40000	24719.69	-32.75	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5471.28	-40.16	≤-27	PASS
			5925~40000	24754.81	-32.11	≤-27	PASS
		5785	30~5650	5430.63	-40.7	≤-27	PASS
			5925~40000	25633.64	-32	≤-27	PASS
		5825	30~5650	4953.31	-40.05	≤-27	PASS
			5925~40000	23550.73	-32.96	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5510.81	-40.49	≤-27	PASS
			5925~40000	25068.13	-33.16	≤-27	PASS
		5795	30~5650	5435.5	-40.73	≤-27	PASS
			5925~40000	23603.41	-31.92	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5496.95	-40.62	≤-27	PASS
			5925~40000	26556.02	-32.95	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	2672.9	-40.59	≤-27	PASS
			5925~40000	25260.61	-32.77	≤-27	PASS
		5785	30~5650	5412.09	-40.8	≤-27	PASS
			5925~40000	26603.09	-31.93	≤-27	PASS
		5825	30~5650	5523.18	-40.71	≤-27	PASS
			5925~40000	26806.81	-32.37	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5412.46	-40.95	≤-27	PASS
			5925~40000	26880.58	-32.53	≤-27	PASS

		5795	30~5650	5455.36	-40.19	≤-27	PASS
			5925~40000	26933.26	-32.19	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	4795.39	-40.17	≤-27	PASS
			5925~40000	24247.61	-32.94	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



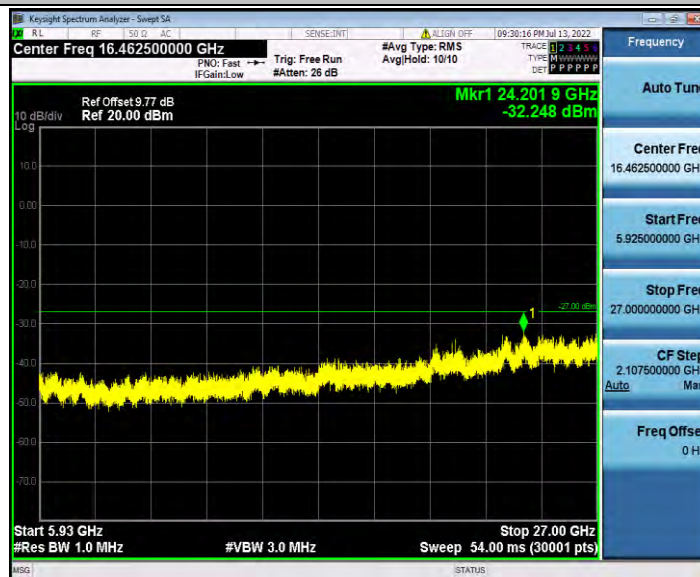
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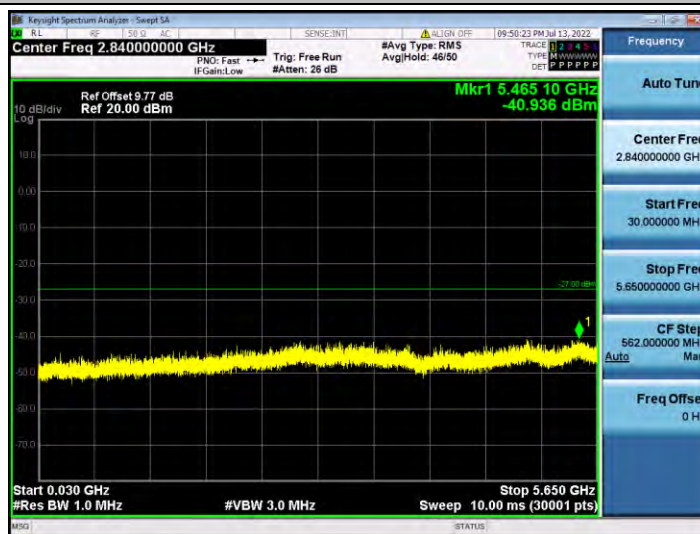
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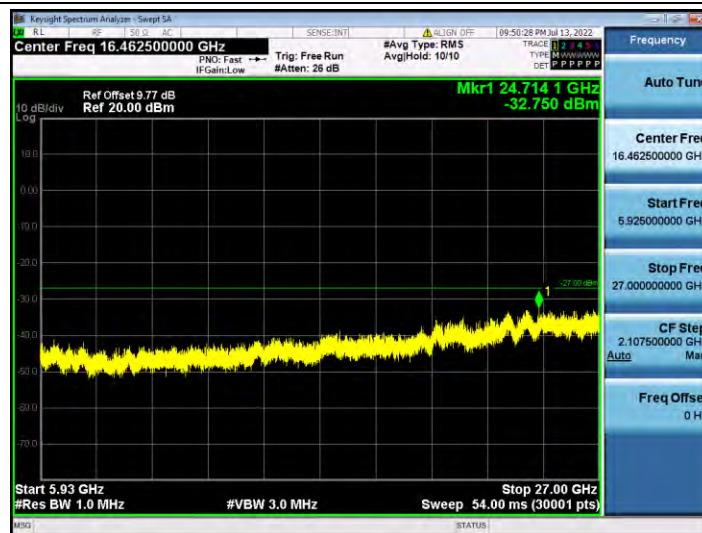
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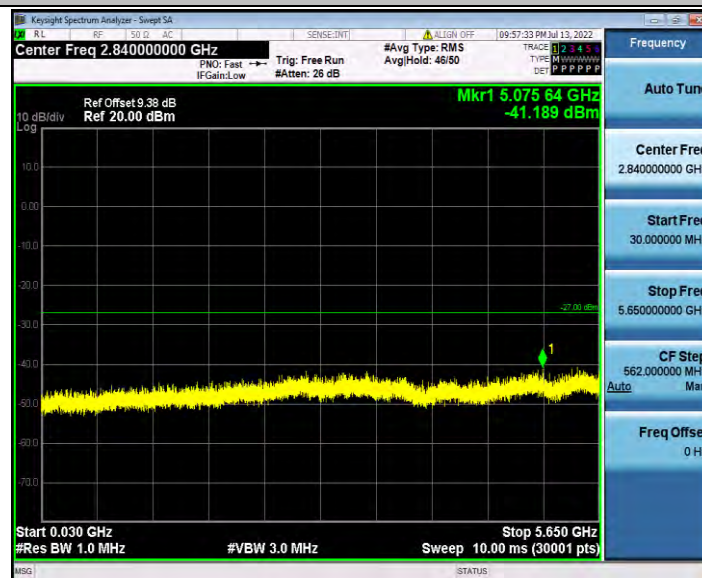
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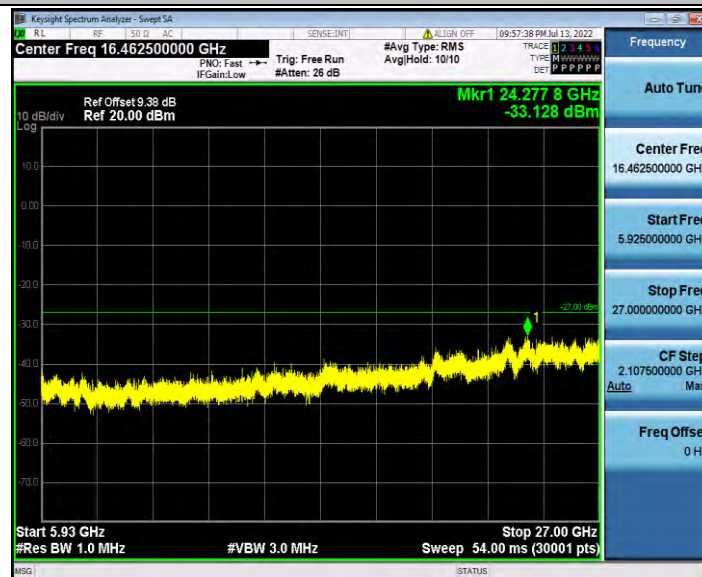
11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~40000



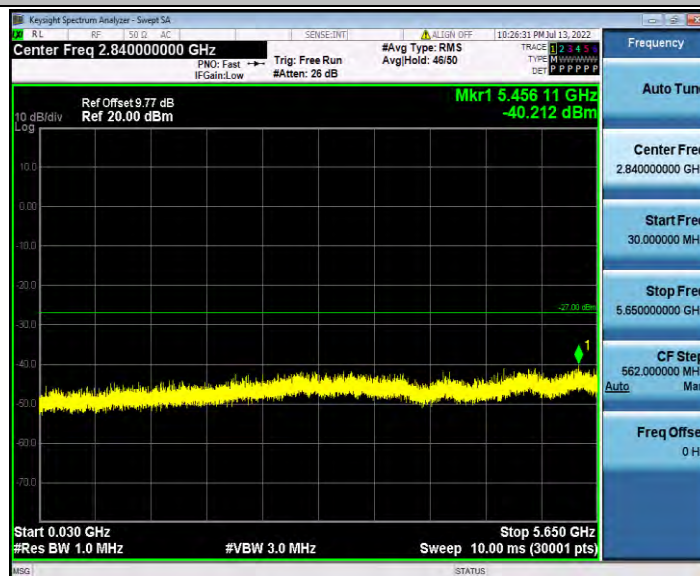
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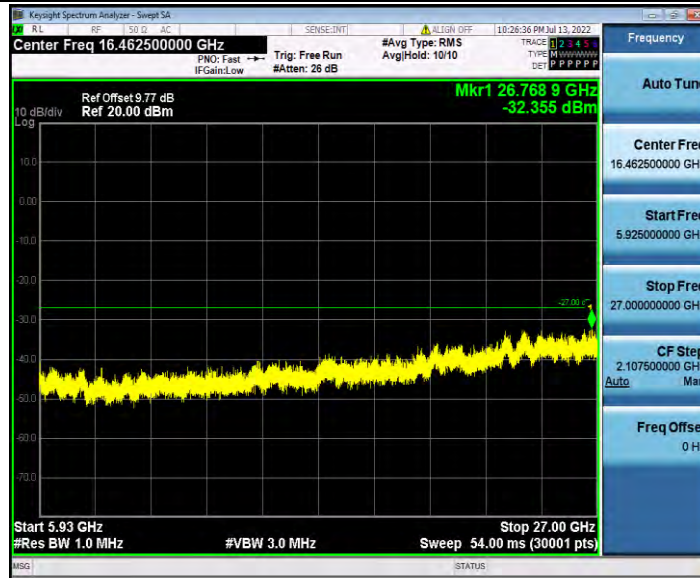
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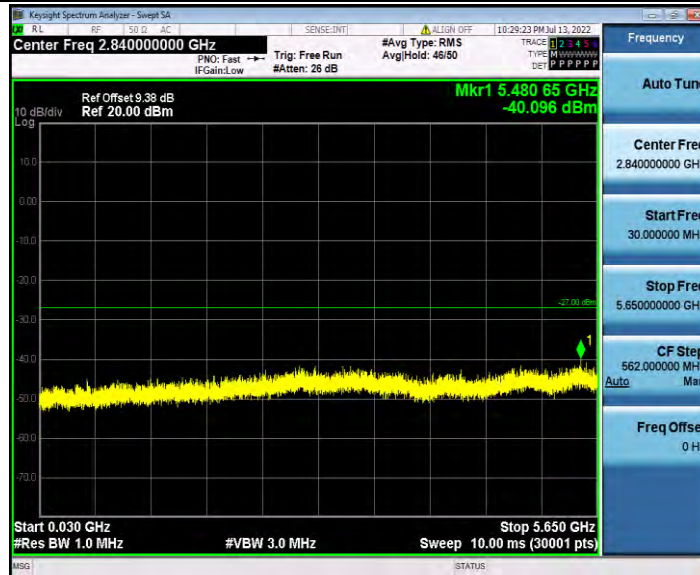
11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



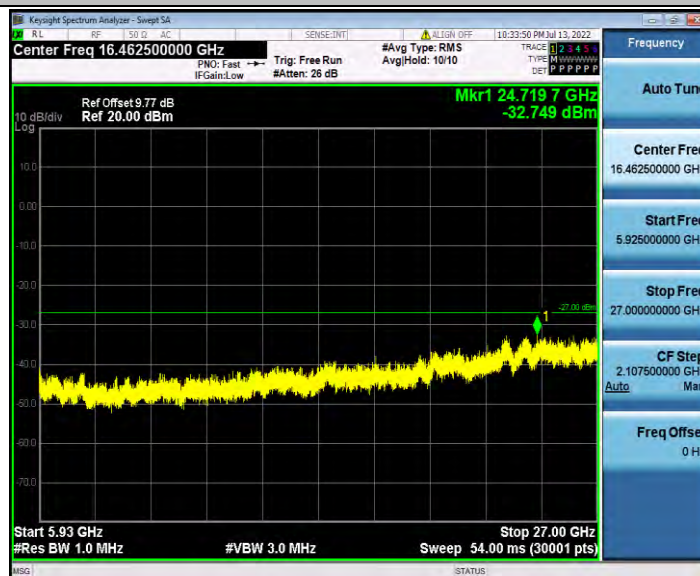
11N40SISO_Ant1_5755_5925~40000



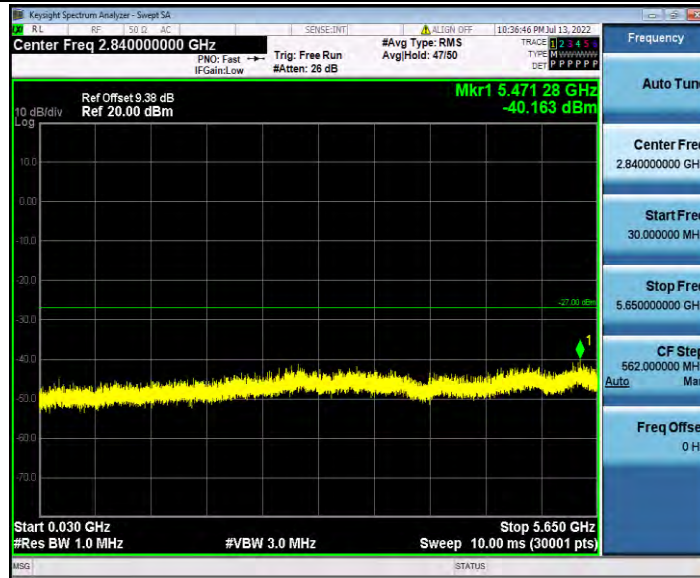
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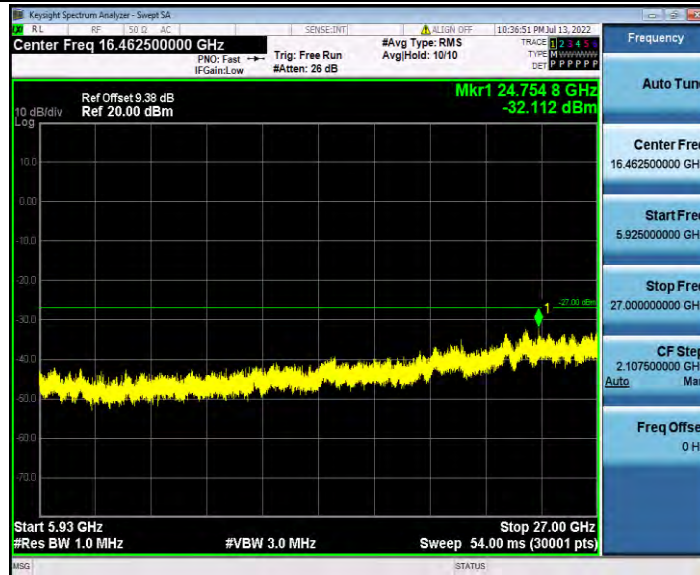
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11AC20SISO_Ant1_5745_30~5650



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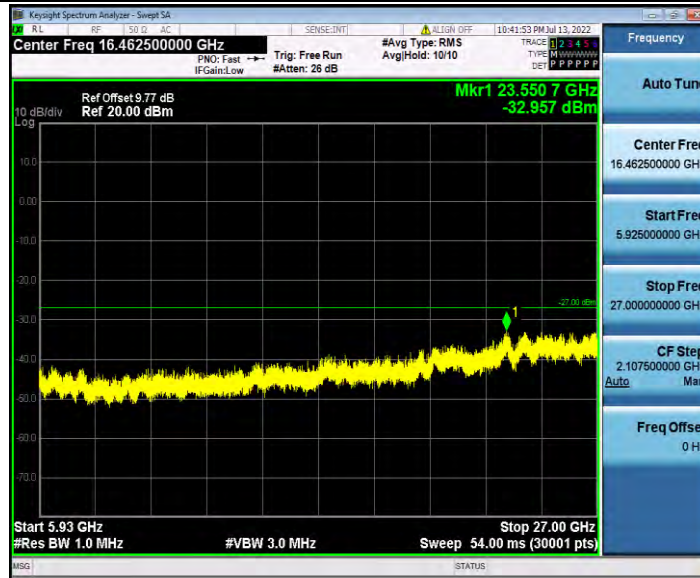
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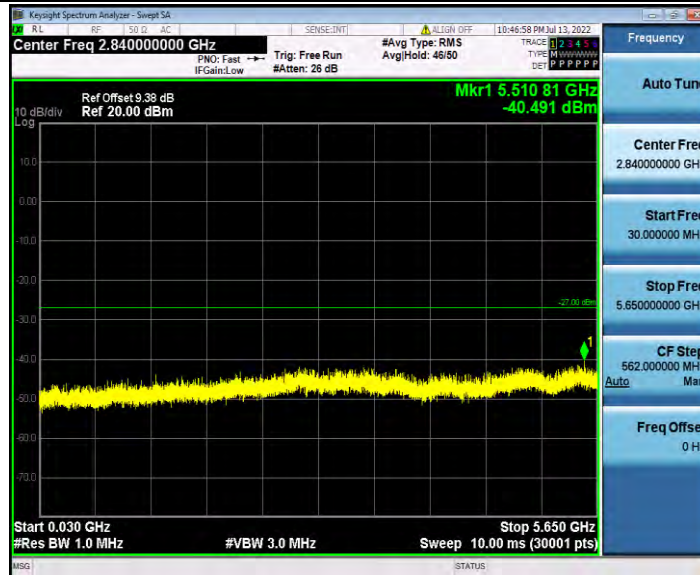
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11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



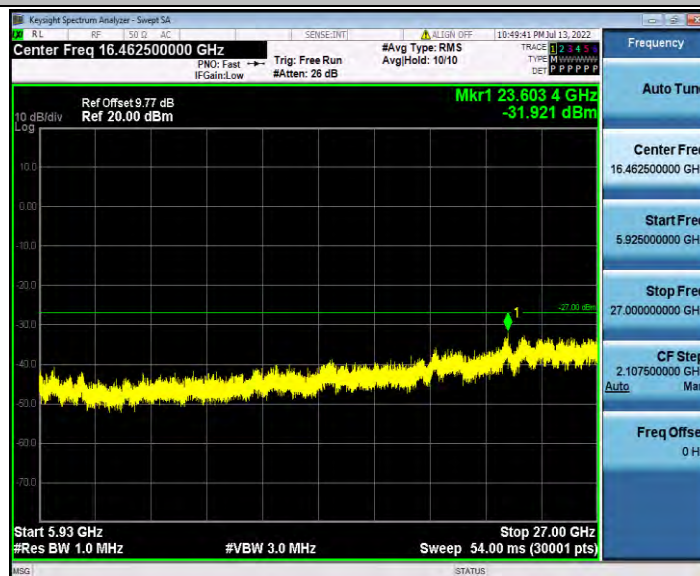
11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



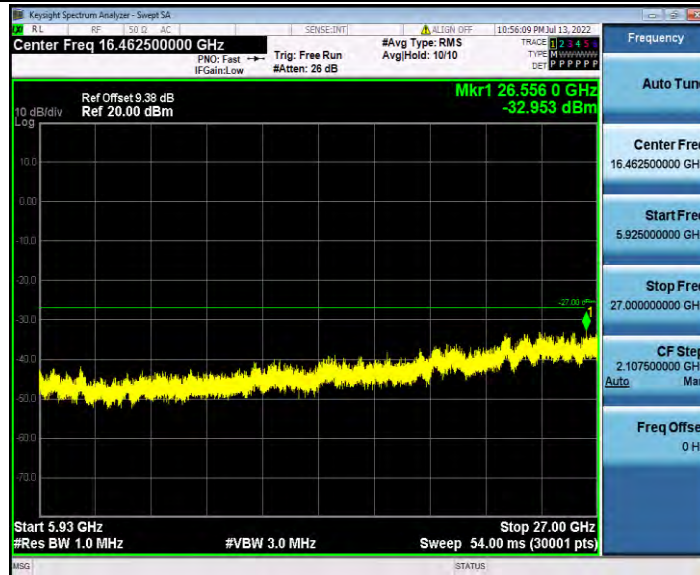
11AC40SISO_Ant1_5795_5925~40000



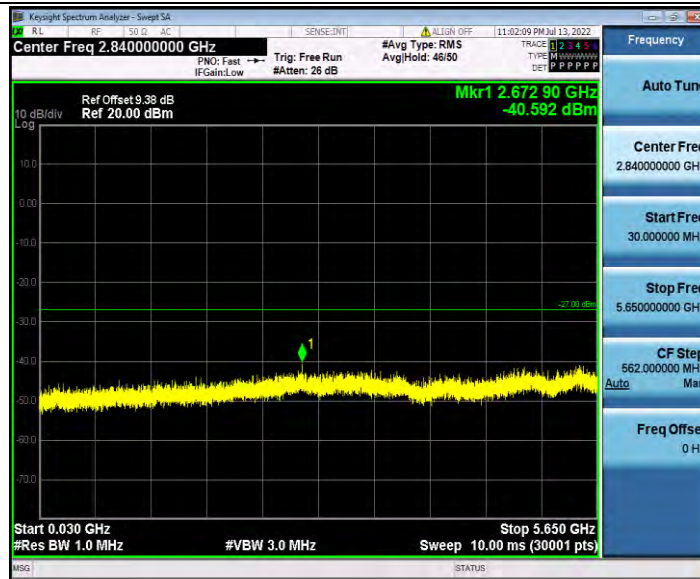
11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000



11AX20SISO_Ant1_5745_30~5650



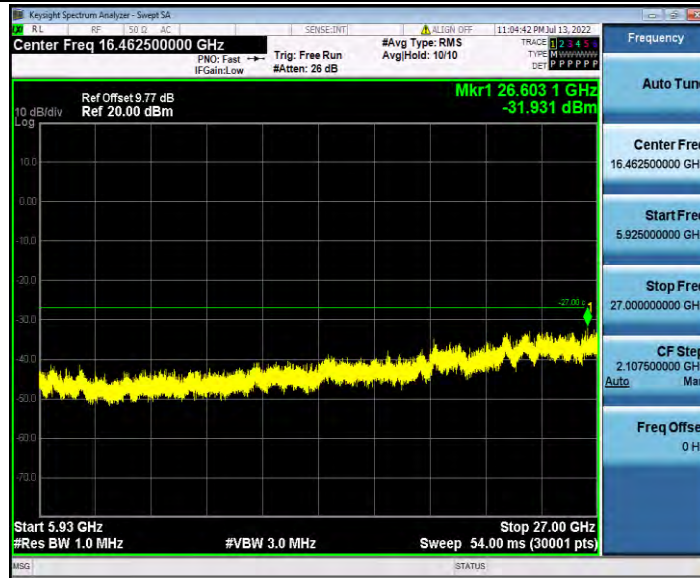
11AX20SISO_Ant1_5745_5925~40000



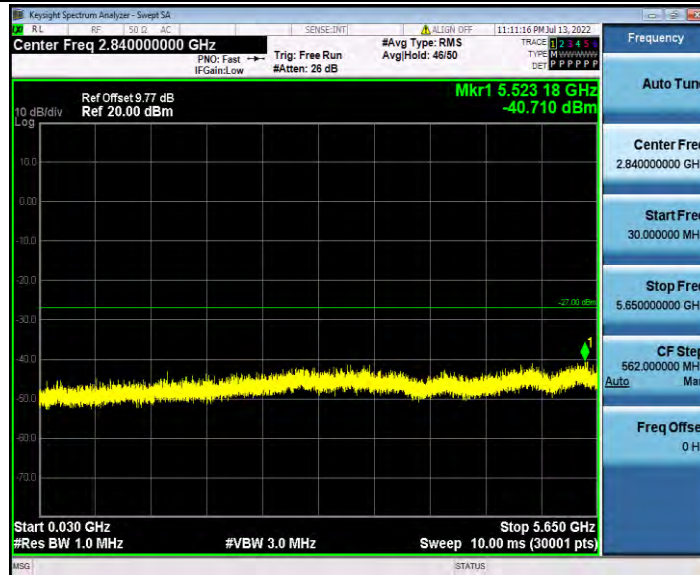
11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~40000



11AX20SISO_Ant1_5825_30~5650



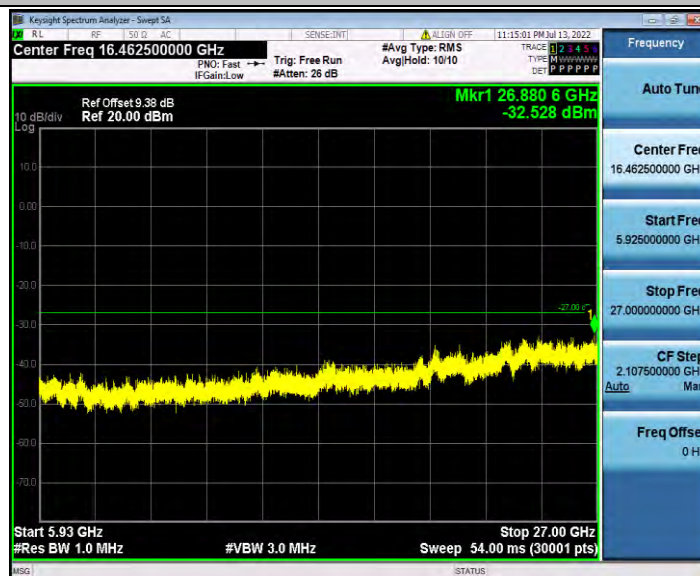
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11AX40SISO_Ant1_5755_30~5650



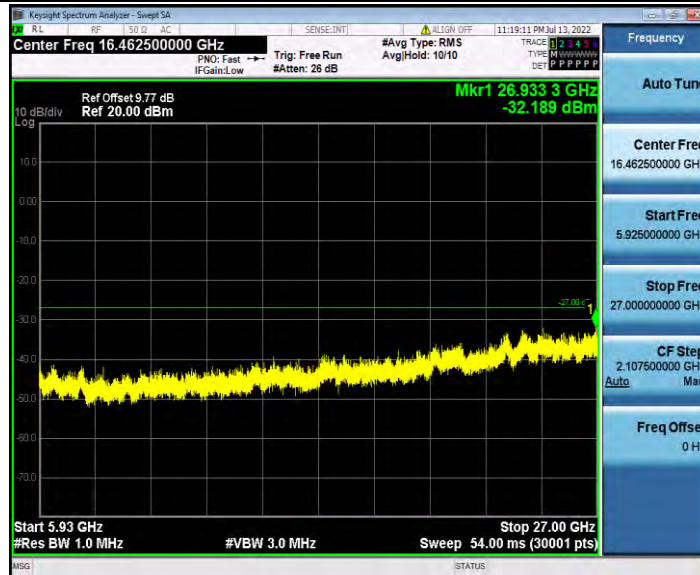
11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000

