Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	12.67	98.11	0.08	12.75	≤30.00	PASS
		5785	12.22	98.11	0.08	12.30	≤30.00	PASS
		5825	12.90	98.12	0.08	12.98	≤30.00	PASS
11N20SISO	Ant2	5745	12.61	98.50	0.07	12.68	≤30.00	PASS
		5785	12.20	98.49	0.07	12.27	≤30.00	PASS
		5825	12.87	98.49	0.07	12.94	≤30.00	PASS
11N40SISO	Ant2	5755	12.76	98.86	0.05	12.81	≤30.00	PASS
		5795	12.35	98.86	0.05	12.40	≤30.00	PASS
11AC20SISO	Ant2	5745	12.62	98.86	0.05	12.67	≤30.00	PASS
		5785	12.18	98.48	0.07	12.25	≤30.00	PASS
		5825	12.94	98.48	0.07	13.01	≤30.00	PASS
11AC40SISO	Ant2	5755	13.03	98.48	0.07	13.10	≤30.00	PASS
		5795	12.41	98.86	0.05	12.46	≤30.00	PASS
11AC80SISO	Ant2	5775	12.19	98.47	0.07	12.26	≤30.00	PASS
11AX20SISO	Ant2	5745	12.83	98.87	0.05	12.88	≤30.00	PASS
		5785	13.33	98.50	0.07	13.40	≤30.00	PASS
		5825	12.98	98.50	0.07	13.05	≤30.00	PASS
11AX40SISO	Ant2	5755	12.76	98.48	0.07	12.83	≤30.00	PASS
		5795	13.21	98.86	0.05	13.26	≤30.00	PASS
11AX80SISO	Ant2	5775	13.21	98.86	0.05	13.26	≤30.00	PASS

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

Appendix E.5: Maximum power spectral density

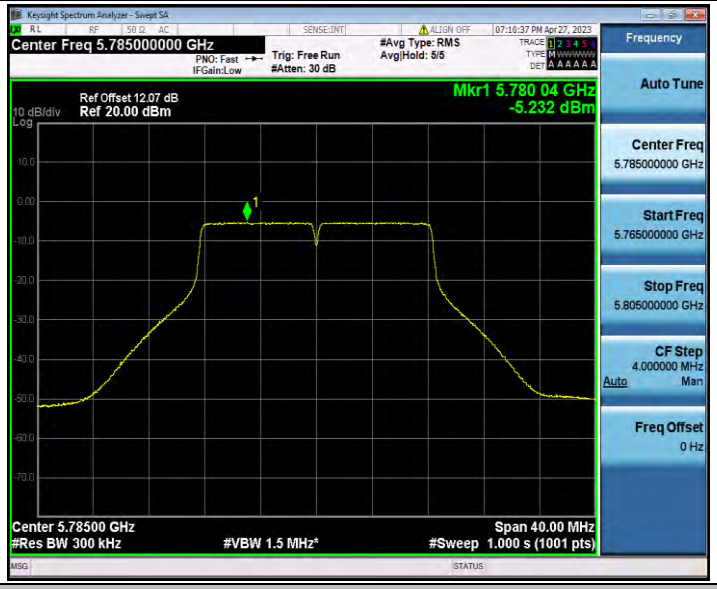
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-5.78	≤30.00	PASS
		5785	-5.23	≤30.00	PASS
		5825	-5.5	≤30.00	PASS
11N20SISO	Ant2	5745	-6.01	≤30.00	PASS
		5785	-5.61	≤30.00	PASS
		5825	-5.8	≤30.00	PASS
11N40SISO	Ant2	5755	-8.79	≤30.00	PASS
		5795	-8.27	≤30.00	PASS
11AC20SISO	Ant2	5745	-6.05	≤30.00	PASS
		5785	-5.48	≤30.00	PASS
		5825	-5.92	≤30.00	PASS
11AC40SISO	Ant2	5755	-4.6	≤30.00	PASS
		5795	-8.12	≤30.00	PASS
11AC80SISO	Ant2	5775	-10.86	≤30.00	PASS
11AX20SISO	Ant2	5745	-2.35	≤30.00	PASS
		5785	-1.86	≤30.00	PASS
		5825	-2.17	≤30.00	PASS
11AX40SISO	Ant2	5755	-5.26	≤30.00	PASS
		5795	-4.79	≤30.00	PASS
11AX80SISO	Ant2	5775	-7.01	≤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

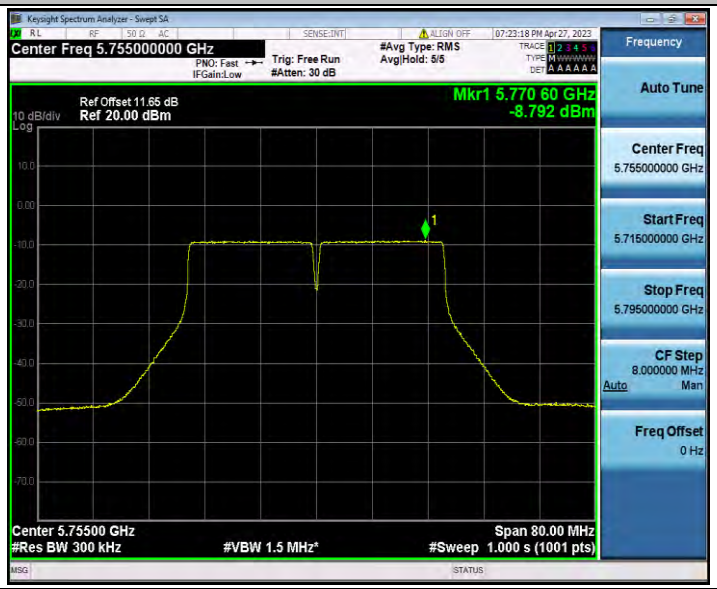


11A_Ant2_5785

11A_Ant2_5825

11N20SISO_Ant2_5745

11N20SISO_Ant2_5785

11N20SISO_Ant2_5825

11N40SISO_Ant2_5755

11N40SISO_Ant2_5795

11AC20SISO_Ant2_5745

11AC20SISO_Ant2_5785

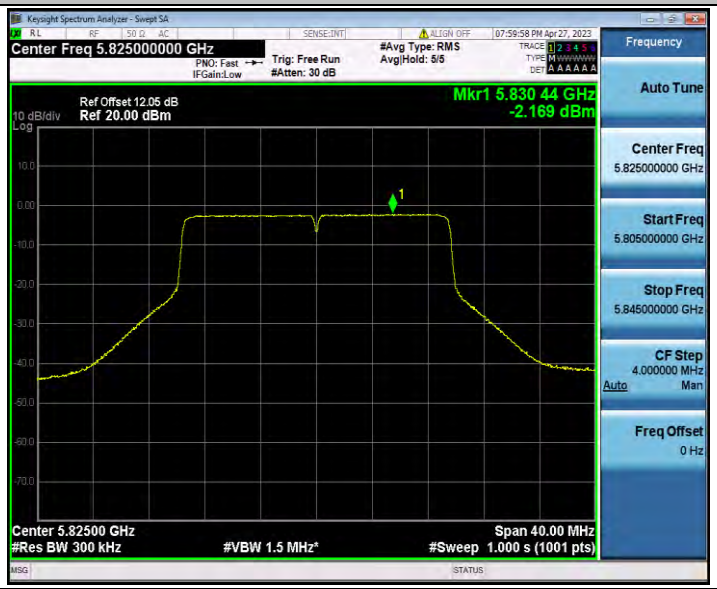
11AC20SISO_Ant2_5825

11AC40SISO_Ant2_5755

11AC40SISO_Ant2_5795

11AC80SISO_Ant2_5775

11AX20SISO_Ant2_5745

11AX20SISO_Ant2_5785

11AX20SISO_Ant2_5825

11AX40SISO_Ant2_5755

11AX40SISO_Ant2_5795

11AX80SISO_Ant2_5775

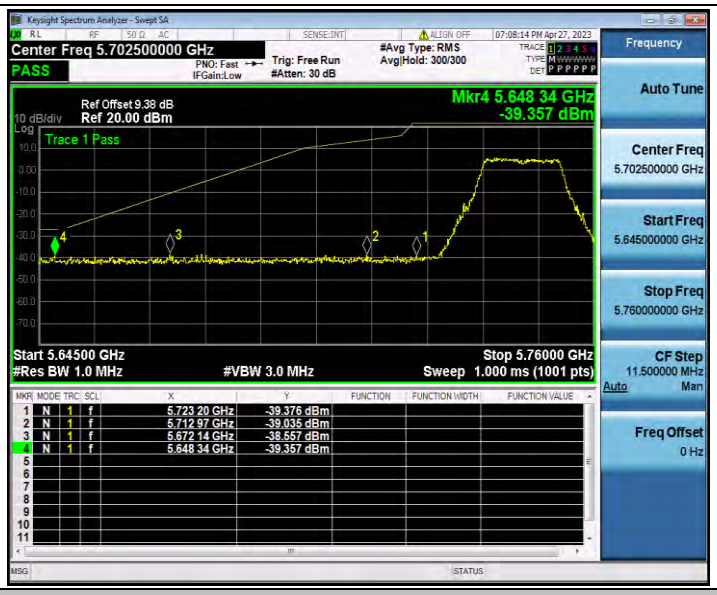
Appendix E.6: Band edge measurements

Test Result B4

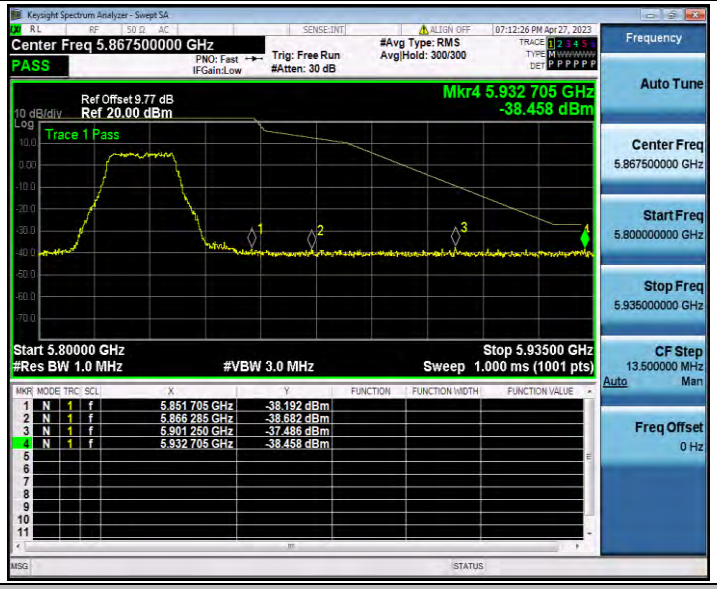
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-38.56	≤-10.62	PASS
				5700~5720	-39.04	≤13.63	PASS
				5720~5725	-39.38	≤22.90	PASS
				5760~5650	-39.36	≤-27	PASS
		High	5825	5850~5855	-38.19	≤19.49	PASS
				5855~5875	-38.68	≤13.16	PASS
				5875~5925	-37.49	≤-7.58	PASS
				5925~5935	-38.46	≤-27	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-39.16	≤-24.06	PASS
				5700~5720	-39.16	≤15.27	PASS
				5720~5725	-38.45	≤21.58	PASS
				5760~5650	-40.07	≤-27	PASS
		High	5825	5850~5855	-38.22	≤16.41	PASS
				5855~5875	-38.69	≤15.16	PASS
				5875~5925	-37.29	≤-17.96	PASS
				5925~5935	-38.2	≤-27	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-39.22	≤-2.33	PASS
				5700~5720	-38.32	≤14.79	PASS
				5720~5725	-38.31	≤25.28	PASS
				5780~5650	-40.11	≤-27	PASS
		High	5795	5850~5855	-38.92	≤26.19	PASS
				5855~5875	-38.26	≤13.78	PASS
				5875~5925	-37.58	≤-5.43	PASS
				5925~5935	-38.4	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5650~5700	-38.72	≤1.38	PASS
				5700~5720	-39.23	≤11.47	PASS
				5720~5725	-39.08	≤23.94	PASS
				5760~5650	-40.12	≤-27	PASS
		High	5825	5850~5855	-38.55	≤21.03	PASS
				5855~5875	-38.15	≤12.71	PASS
				5875~5925	-37.61	≤-16.27	PASS
				5925~5935	-37.97	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-33.34	≤9.16	PASS
				5700~5720	-31	≤13.84	PASS
				5720~5725	-29.69	≤22.82	PASS
				5780~5650	-38.17	≤-27	PASS

		High	5795	5850~5855	-39.29	≤16.03	PASS
				5855~5875	-38.8	≤12.86	PASS
				5875~5925	-37.88	≤-8.24	PASS
				5925~5935	-38.85	≤-27	PASS
11AC80SISO	Ant2	Low	5775	5650~5700	-38.91	≤4.05	PASS
				5700~5720	-37.75	≤14.09	PASS
				5720~5725	-33.71	≤25.89	PASS
				5800~5650	-40.02	≤-27	PASS
		High	5775	5850~5855	-37.67	≤23.81	PASS
				5855~5875	-38.24	≤15.00	PASS
				5875~5925	-38.6	≤-8.75	PASS
				5925~5935	-38.75	≤-27	PASS
11AX20SISO	Ant2	Low	5745	5650~5700	-35.73	≤9.21	PASS
				5700~5720	-31.42	≤14.60	PASS
				5720~5725	-29.47	≤23.68	PASS
				5760~5650	-39.38	≤-27	PASS
		High	5825	5850~5855	-30.09	≤16.10	PASS
				5855~5875	-31.74	≤11.19	PASS
				5875~5925	-38.11	≤1.52	PASS
				5925~5935	-38.91	≤-27	PASS
11AX40SISO	Ant2	Low	5755	5650~5700	-34.38	≤5.16	PASS
				5700~5720	-33.94	≤15.54	PASS
				5720~5725	-32.54	≤16.97	PASS
				5780~5650	-37.54	≤-27	PASS
		High	5795	5850~5855	-36.16	≤18.67	PASS
				5855~5875	-35.92	≤10.22	PASS
				5875~5925	-37.47	≤-8.85	PASS
				5925~5935	-37.97	≤-27	PASS
11AX80SISO	Ant2	Low	5775	5650~5700	-32.71	≤4.97	PASS
				5700~5720	-34.49	≤12.13	PASS
				5720~5725	-30.05	≤26.95	PASS
				5800~5650	-36.85	≤-27	PASS
		High	5775	5850~5855	-33.86	≤22.96	PASS
				5855~5875	-34.57	≤10.95	PASS
				5875~5925	-36.48	≤-7.93	PASS
				5925~5935	-38.14	≤-27	PASS

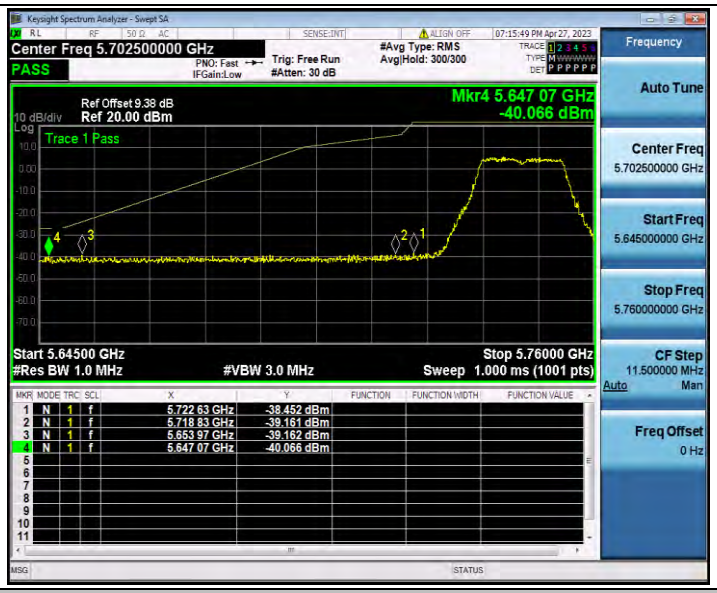
Test Graphs B4



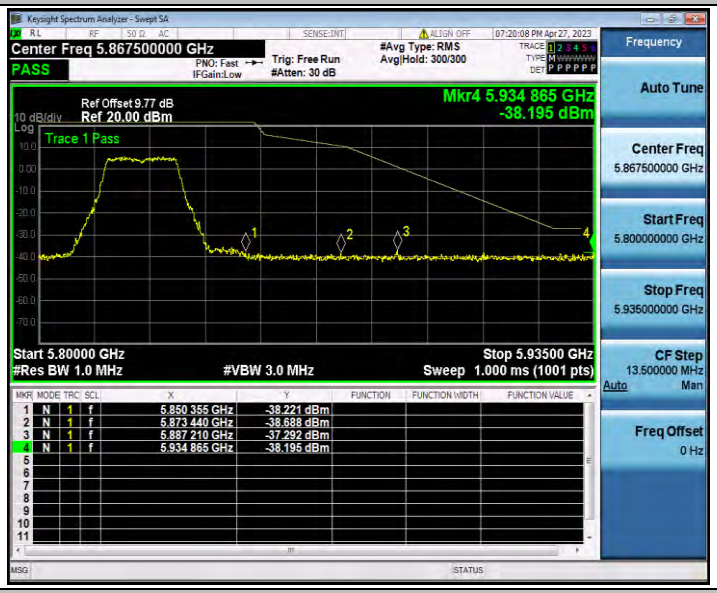
11A_Ant2_Low_5745



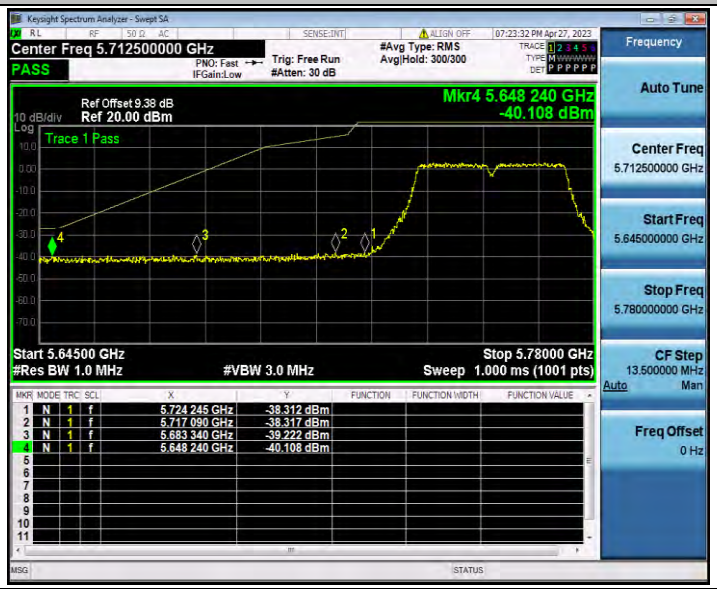
11A_Ant2_High_5825



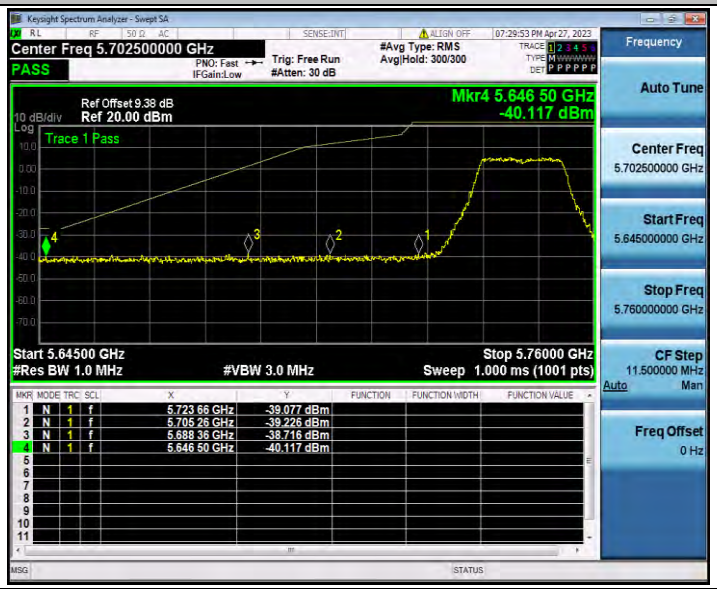
11N20SISO_Ant2_Low_5745

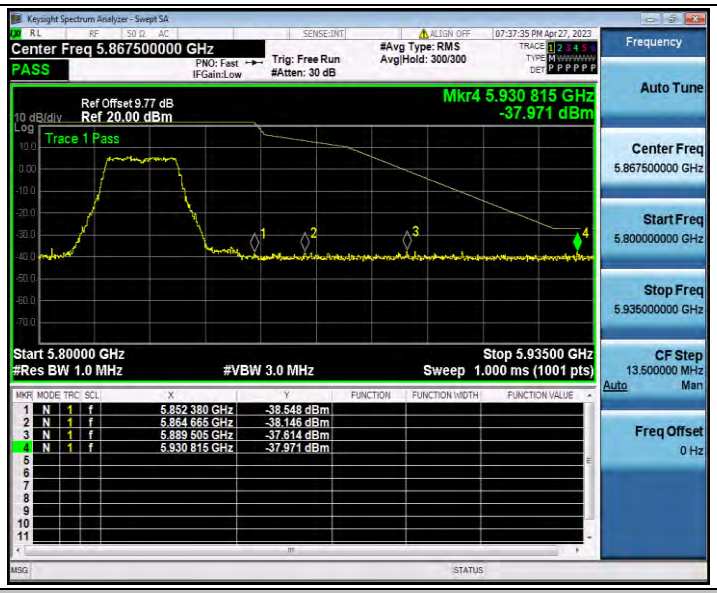


11N20SISO_Ant2_High_5825



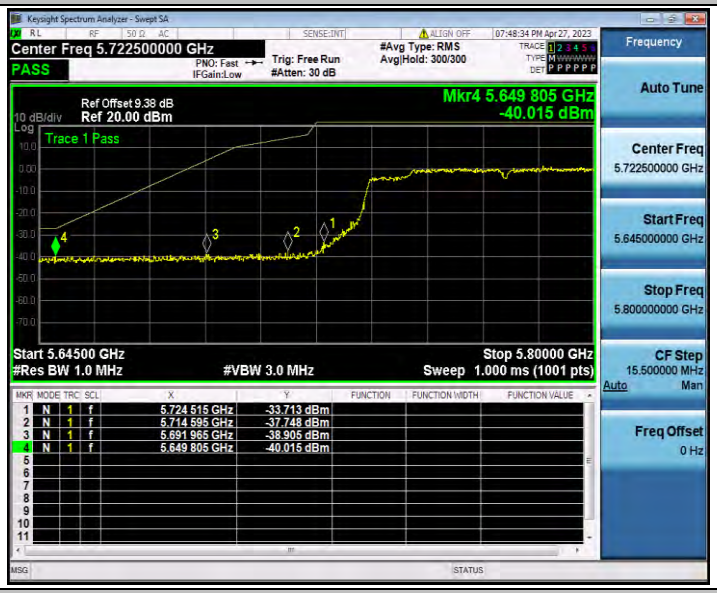
11N40SISO_Ant2_Low_5755

11N40SISO_Ant2_High_5795

11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825

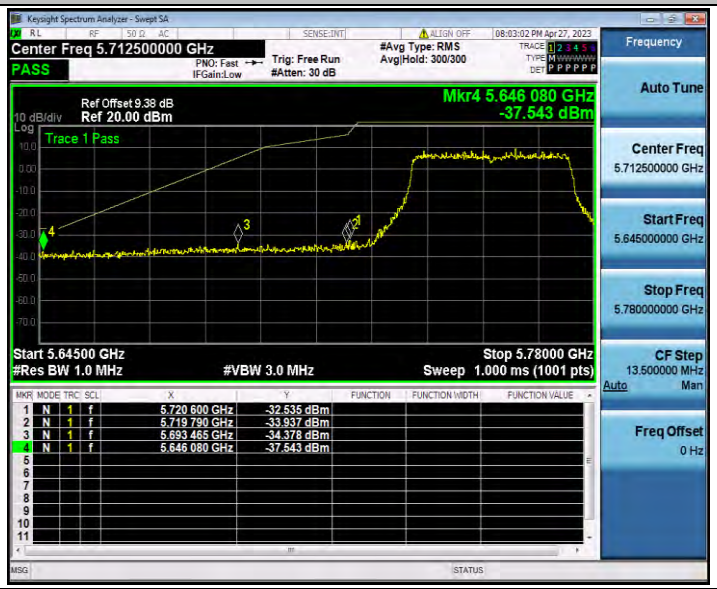
11AC40SISO_Ant2_Low_5755

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

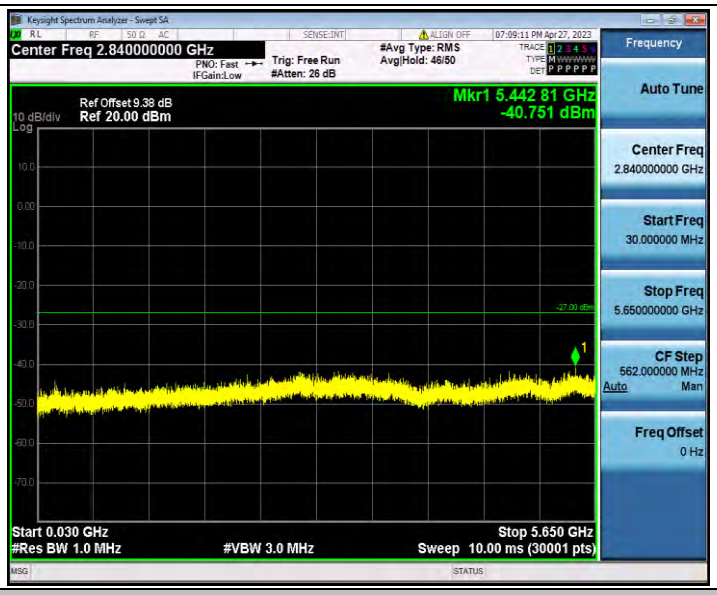
Appendix E.7: Conducted Spurious Emission

Test Result

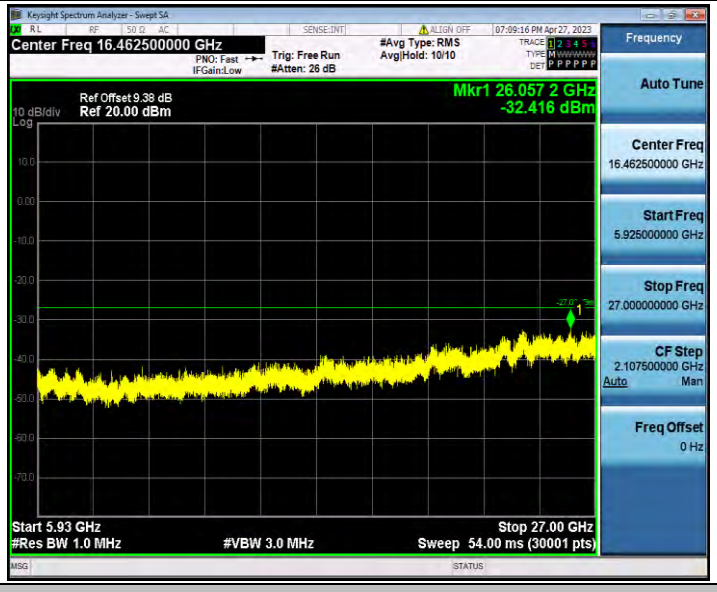
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	5442.81	-40.75	≤-27	PASS
			5925~40000	26057.25	-32.42	≤-27	PASS
		5785	30~5650	913.65	-39.81	≤-27	PASS
			5925~40000	24261.66	-31.76	≤-27	PASS
		5825	30~5650	5450.68	-41.16	≤-27	PASS
			5925~40000	24213.18	-31.8	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	4884.18	-40.18	≤-27	PASS
			5925~40000	24311.53	-32.36	≤-27	PASS
		5785	30~5650	4910.41	-40.69	≤-27	PASS
			5925~40000	24242.69	-31.67	≤-27	PASS
		5825	30~5650	5480.65	-39.36	≤-27	PASS
			5925~40000	26891.11	-31.6	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5011.38	-40.64	≤-27	PASS
			5925~40000	24272.9	-31.44	≤-27	PASS
		5795	30~5650	4891.3	-39.89	≤-27	PASS
			5925~40000	23507.17	-31.6	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5473.72	-38.99	≤-27	PASS
			5925~40000	24287.65	-31.59	≤-27	PASS
		5785	30~5650	4827.61	-40.26	≤-27	PASS
			5925~40000	24277.81	-31.89	≤-27	PASS
		5825	30~5650	5418.64	-40.32	≤-27	PASS
			5925~40000	24218.1	-31.8	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5629.58	-40.32	≤-27	PASS
			5925~40000	26517.38	-32.78	≤-27	PASS
		5795	30~5650	5553.15	-40.7	≤-27	PASS
			5925~40000	23542.3	-31.13	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	1736.42	-36.83	≤-27	PASS
			5925~40000	25626.61	-33	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5454.99	-41.1	≤-27	PASS
			5925~40000	26810.33	-32.62	≤-27	PASS
		5785	30~5650	5436.44	-40.09	≤-27	PASS
			5925~40000	25092.01	-32.78	≤-27	PASS
		5825	30~5650	5543.41	-40.98	≤-27	PASS
			5925~40000	23672.96	-31.98	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5636.32	-39.8	≤-27	PASS
			5925~40000	24805.39	-31.04	≤-27	PASS

		5795	30~5650	4931.76	-40.56	≤-27	PASS
			5925~40000	24270.79	-32.44	≤-27	PASS
11AX80SISO	Ant2	5775	30~5650	5639.88	-37.86	≤-27	PASS
			5925~40000	24823.66	-32.65	≤-27	PASS

Test Graphs



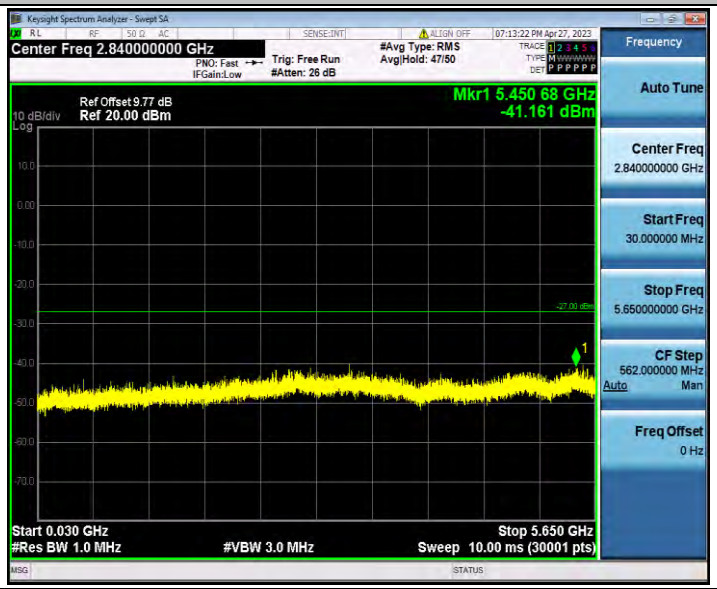
11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~40000

11A_Ant2_5785_30~5650

11A_Ant2_5785_5925~40000



11A_Ant2_5825_30~5650

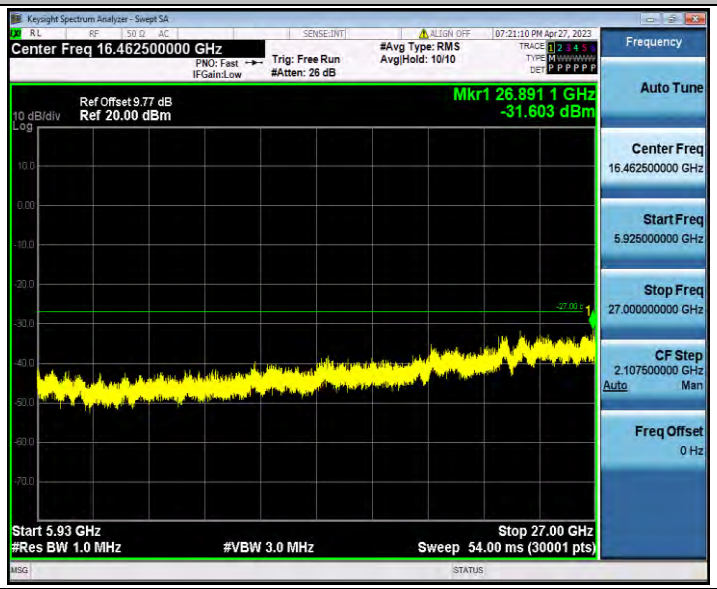
11A_Ant2_5825_5925~40000

11N20SISO_Ant2_5745_30~5650

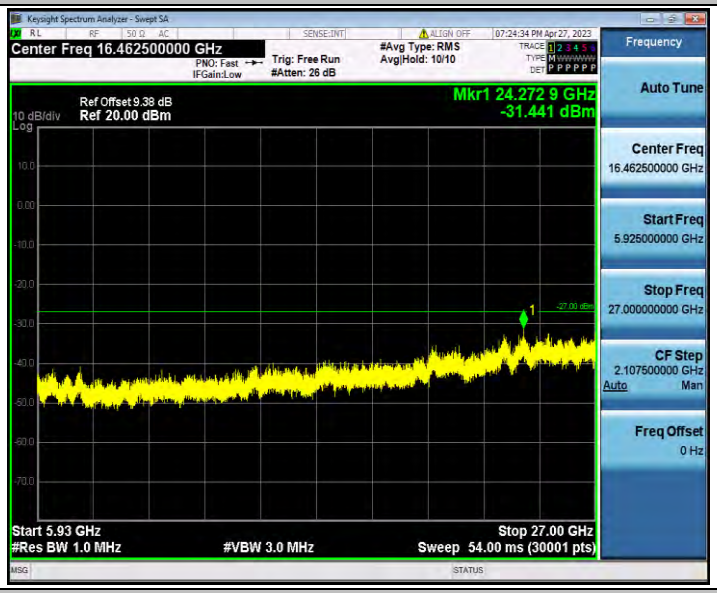
11N20SISO_Ant2_5745_5925~40000

11N20SISO_Ant2_5785_30~5650

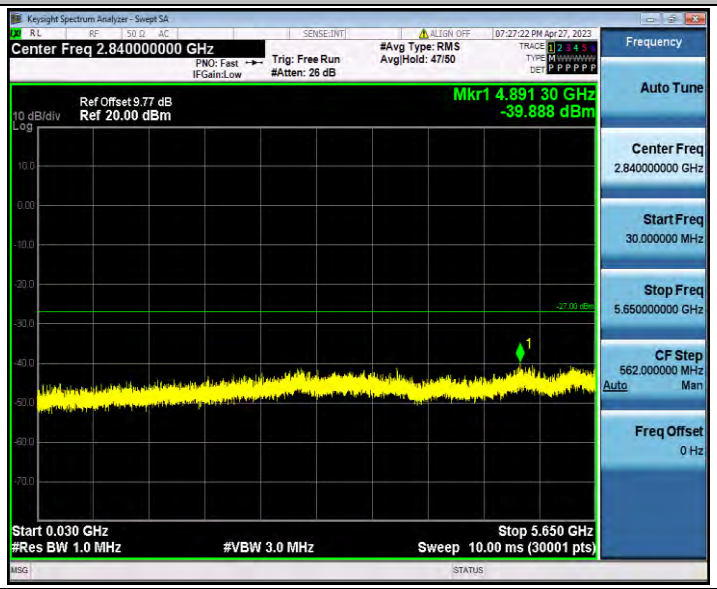
11N20SISO_Ant2_5785_5925~40000

11N20SISO_Ant2_5825_30~5650

11N20SISO_Ant2_5825_5925~40000

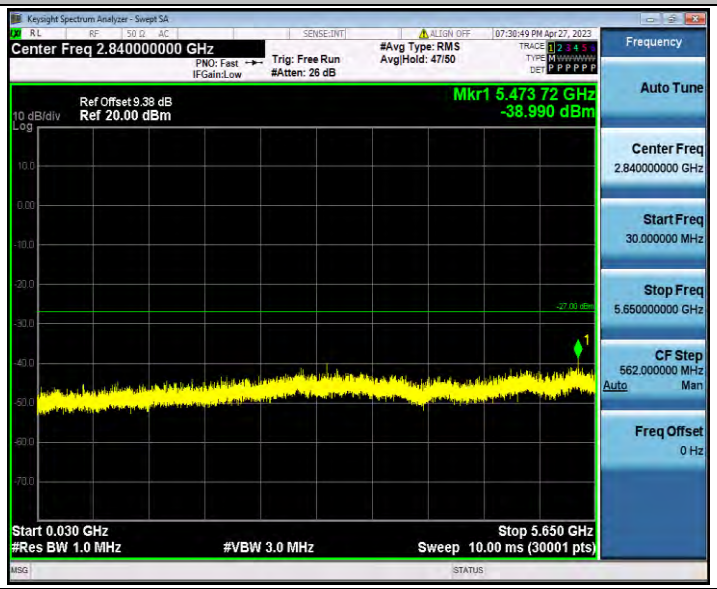
11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~40000



11N40SISO_Ant2_5795_30~5650

11N40SISO_Ant2_5795_5925~40000

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11AC20SISO_Ant2_5745_5925~40000

11AC20SISO_Ant2_5785_30~5650

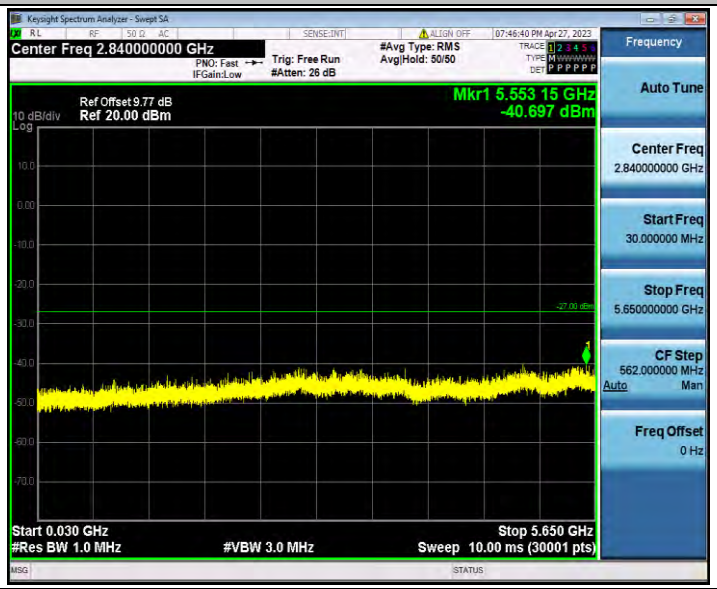
11AC20SISO_Ant2_5785_5925~40000

11AC20SISO_Ant2_5825_30~5650

11AC20SISO_Ant2_5825_5925~40000

11AC40SISO_Ant2_5755_30~5650

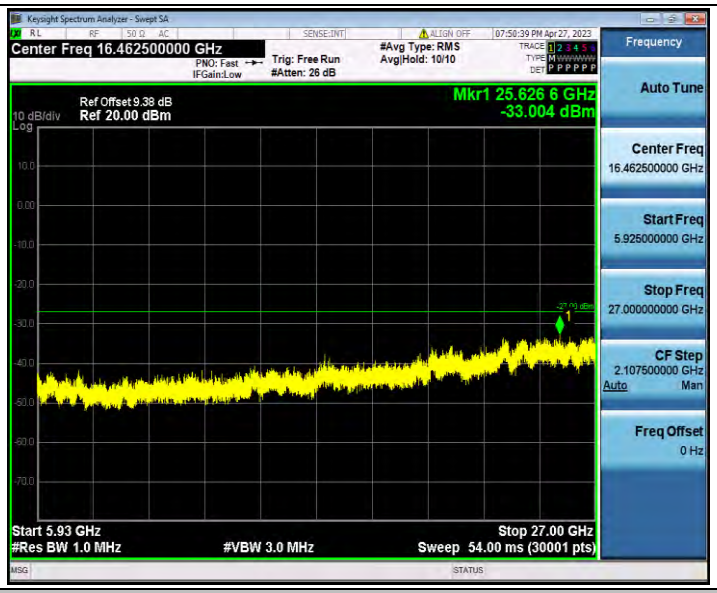
11AC40SISO_Ant2_5755_5925~40000



11AC40SISO_Ant2_5795_30~5650

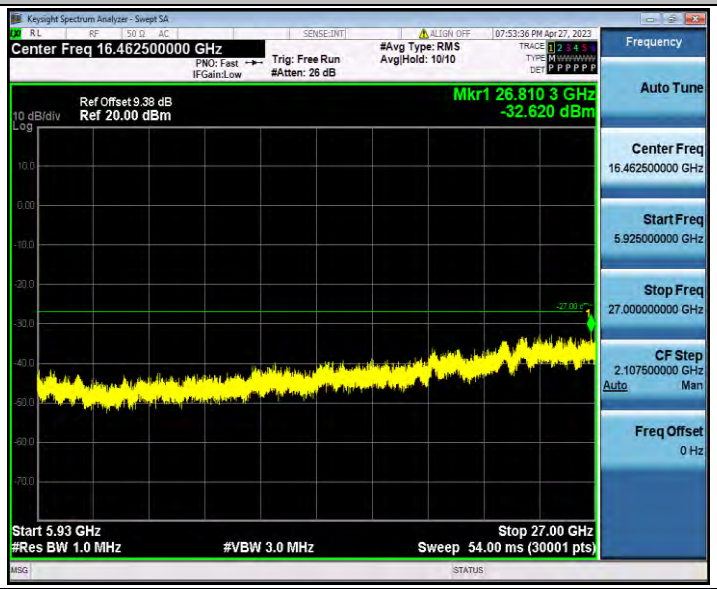
11AC40SISO_Ant2_5795_5925~40000

11AC80SISO_Ant2_5775_30~5650

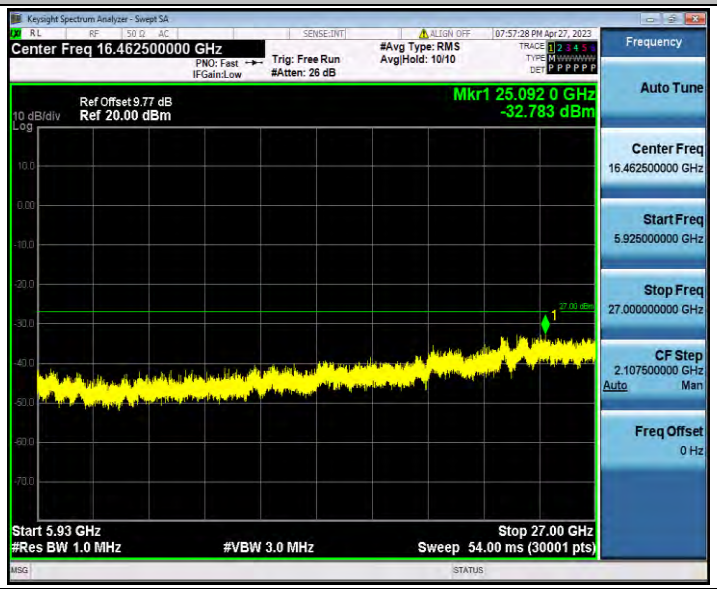


11AC80SISO_Ant2_5775_5925~40000

11AX20SISO_Ant2_5745_30~5650



11AX20SISO_Ant2_5745_5925~40000

11AX20SISO_Ant2_5785_30~5650

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11AX20SISO_Ant2_5825_30~5650

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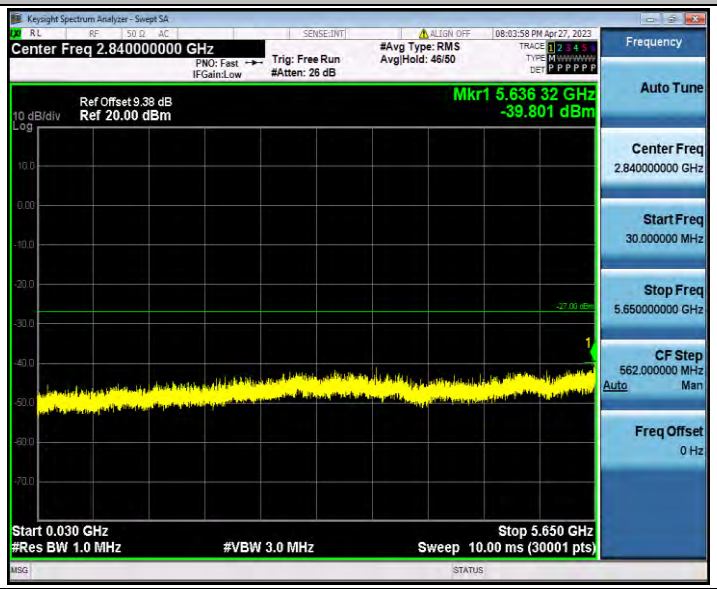

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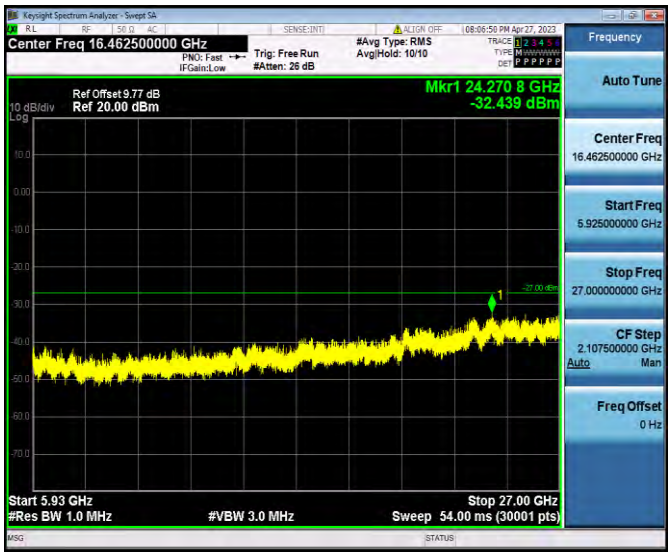

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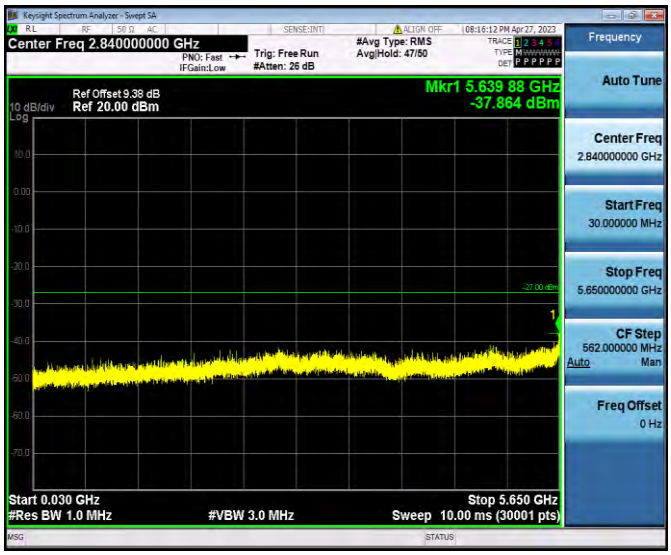

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