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	7.57	78.95	1.03	8.60	≤30.00	PASS
		5785	8.44	73.68	1.33	9.77	≤30.00	PASS
		5825	8.24	73.68	1.33	9.57	≤30.00	PASS
11N20SISO	Ant2	5745	7.79	77.27	1.12	8.91	≤30.00	PASS
		5785	8.65	78.26	1.06	9.71	≤30.00	PASS
		5825	8.39	81.82	0.87	9.26	≤30.00	PASS
11N40SISO	Ant2	5755	7.91	77.27	1.12	9.03	≤30.00	PASS
		5795	8.62	78.26	1.06	9.68	≤30.00	PASS
11AC20SISO	Ant2	5745	7.59	76.19	1.18	8.77	≤30.00	PASS
		5785	8.62	76.19	1.18	9.80	≤30.00	PASS
		5825	8.32	76.19	1.18	9.50	≤30.00	PASS
11AC40SISO	Ant2	5755	7.75	76.19	1.18	8.93	≤30.00	PASS
		5795	8.51	80.00	0.97	9.48	≤30.00	PASS
11AC80SISO	Ant2	5775	8.54	76.19	1.18	9.72	≤30.00	PASS
11AX20SISO	Ant2	5745	7.84	83.87	0.76	8.60	≤30.00	PASS
		5785	8.71	84.38	0.74	9.45	≤30.00	PASS
		5825	8.58	84.38	0.74	9.32	≤30.00	PASS
11AX40SISO	Ant2	5755	7.58	78.26	1.06	8.64	≤30.00	PASS
		5795	8.31	78.26	1.06	9.37	≤30.00	PASS
11AX80SISO	Ant2	5775	8.32	78.26	1.06	9.38	≤30.00	PASS

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

Appendix E.5: Maximum power spectral density

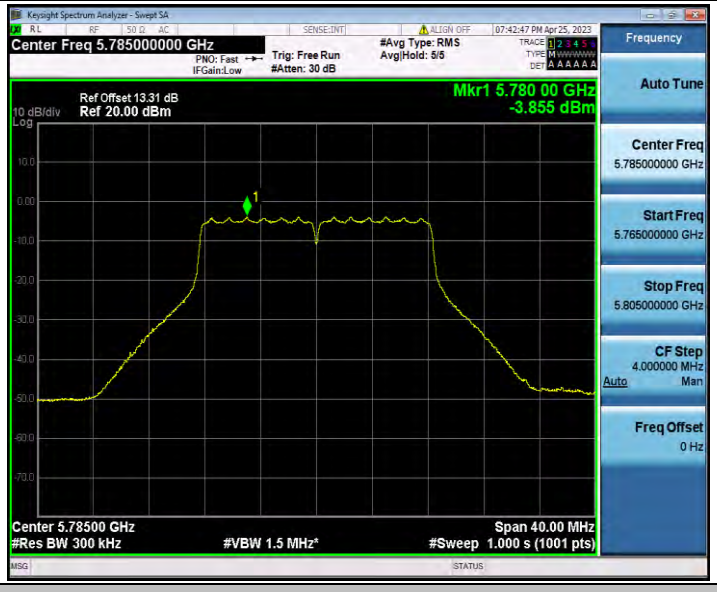
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-5.2	≤30.00	PASS
		5785	-3.86	≤30.00	PASS
		5825	-4.07	≤30.00	PASS
11N20SISO	Ant2	5745	-4.96	≤30.00	PASS
		5785	-4	≤30.00	PASS
		5825	-4.75	≤30.00	PASS
11N40SISO	Ant2	5755	-7.69	≤30.00	PASS
		5795	-7.1	≤30.00	PASS
11AC20SISO	Ant2	5745	-5.12	≤30.00	PASS
		5785	-3.98	≤30.00	PASS
		5825	-4.41	≤30.00	PASS
11AC40SISO	Ant2	5755	-7.7	≤30.00	PASS
		5795	-7.24	≤30.00	PASS
11AC80SISO	Ant2	5775	-9.32	≤30.00	PASS
11AX20SISO	Ant2	5745	-5.8	≤30.00	PASS
		5785	-4.66	≤30.00	PASS
		5825	-5.04	≤30.00	PASS
11AX40SISO	Ant2	5755	-8.17	≤30.00	PASS
		5795	-7.8	≤30.00	PASS
11AX80SISO	Ant2	5775	-10.18	≤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

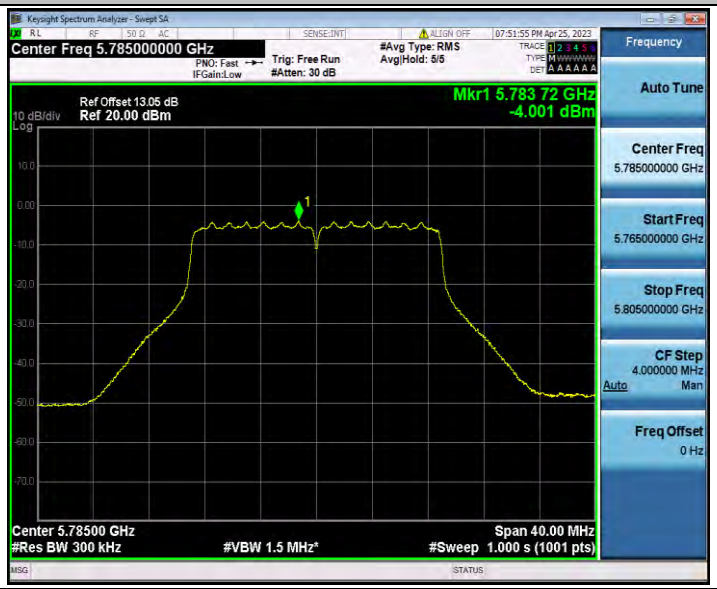
11A_Ant2_5745



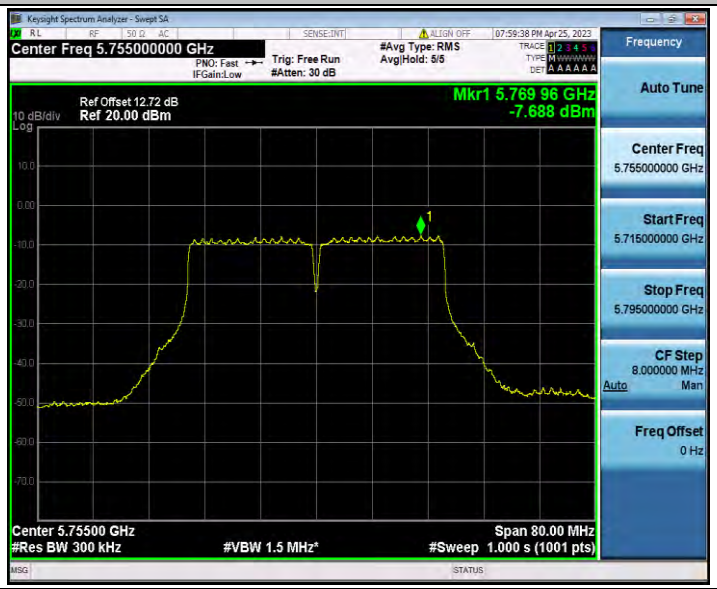
11A_Ant2_5785

11A_Ant2_5825

11N20SISO_Ant2_5745

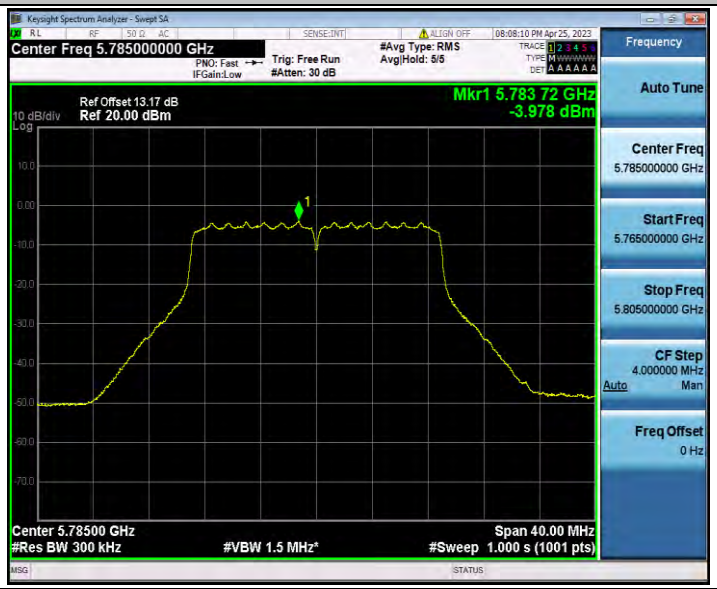


11N20SISO_Ant2_5785

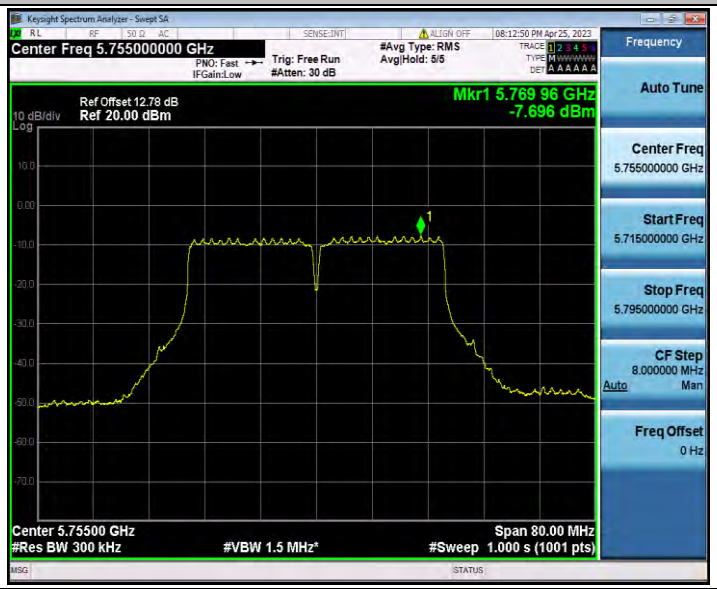
11N20SISO_Ant2_5825

11N40SISO_Ant2_5755

11N40SISO_Ant2_5795

11AC20SISO_Ant2_5745

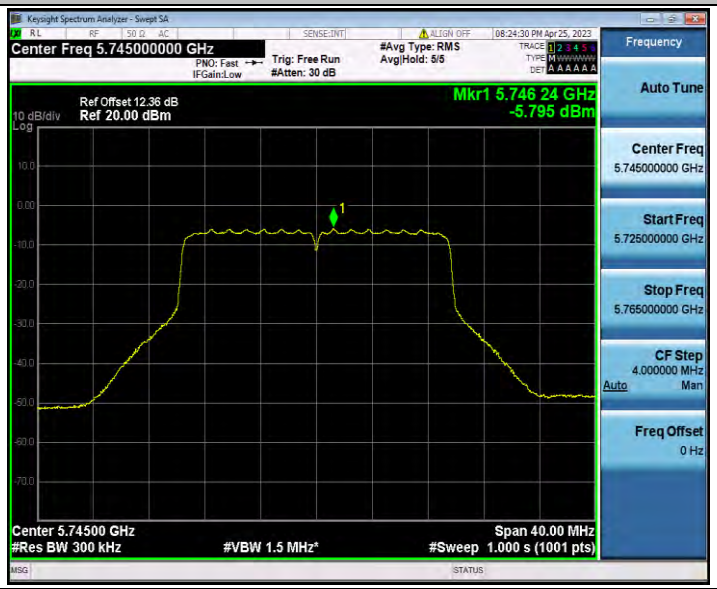


11AC20SISO_Ant2_5785

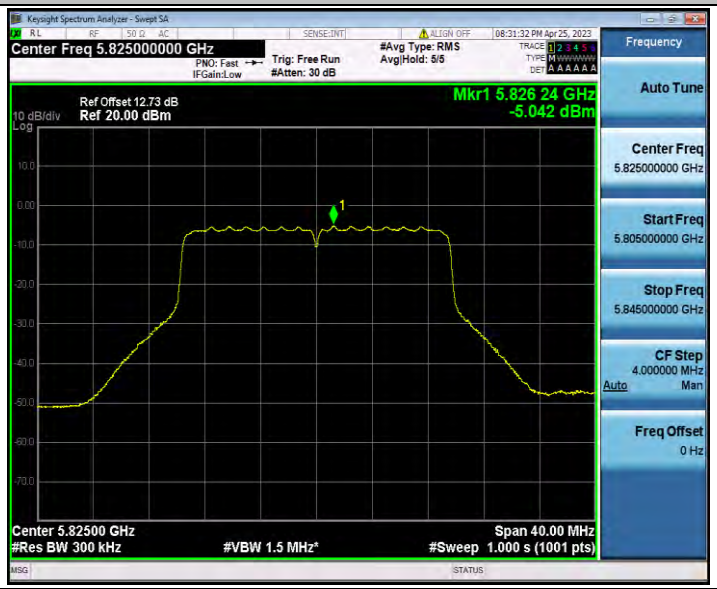
11AC20SISO_Ant2_5825

11AC40SISO_Ant2_5755

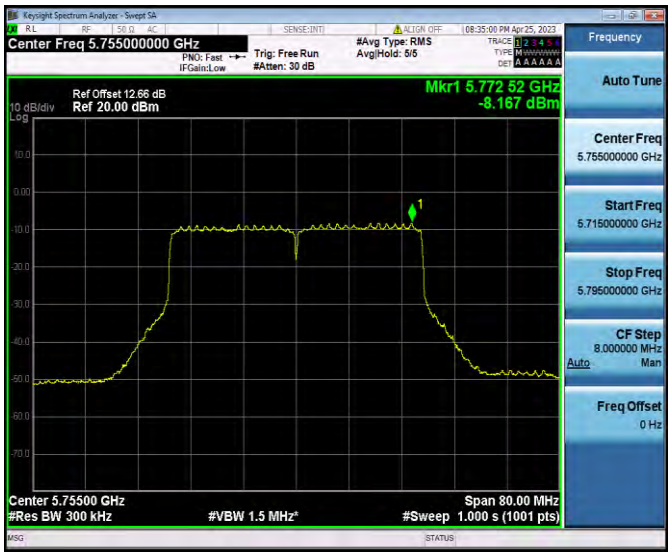
11AC40SISO_Ant2_5795

11AC80SISO_Ant2_5775

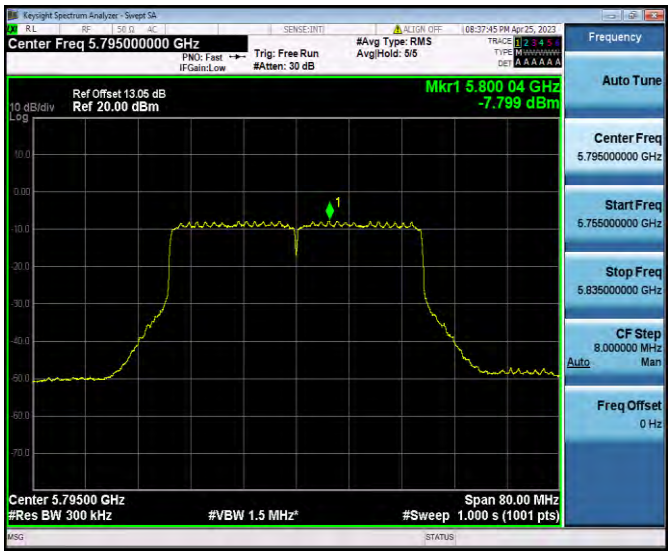


11AX20SISO_Ant2_5745

11AX20SISO_Ant2_5785

11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795

11AX80SISO_Ant2_5775

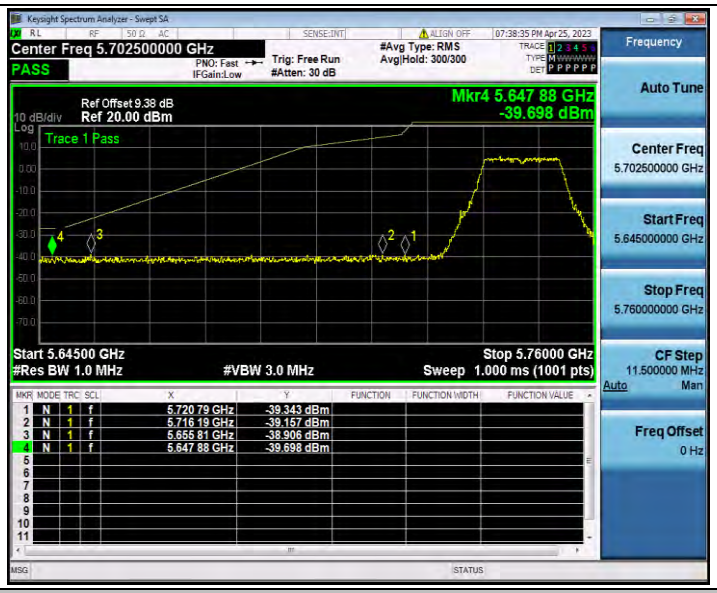
Appendix E.6: Band edge measurements

Test Result B4

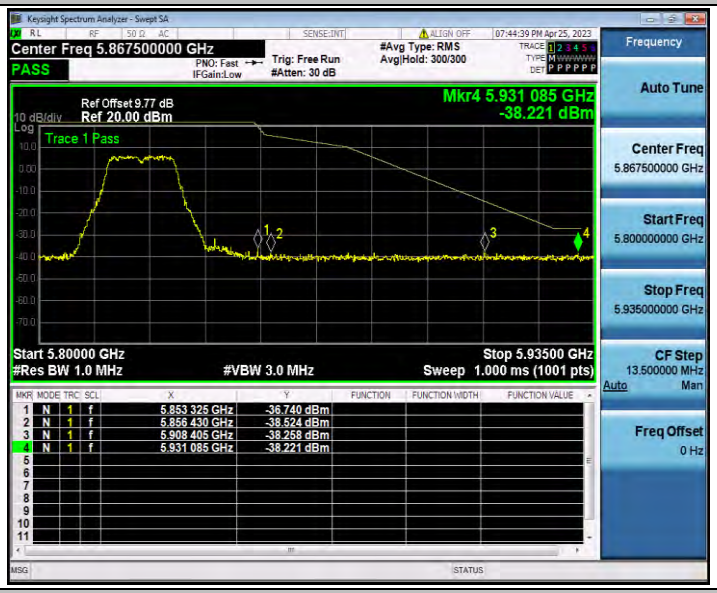
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-38.91	≤-22.70	PASS
				5700~5720	-39.16	≤14.53	PASS
				5720~5725	-39.34	≤17.39	PASS
				5760~5650	-39.7	≤-27	PASS
		High	5825	5850~5855	-36.74	≤23.18	PASS
				5855~5875	-38.52	≤10.40	PASS
				5875~5925	-38.26	≤-2.28	PASS
				5925~5935	-38.22	≤-27	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-39.23	≤-5.34	PASS
				5700~5720	-38.27	≤15.47	PASS
				5720~5725	-38.63	≤18.96	PASS
				5760~5650	-39.83	≤-27	PASS
		High	5825	5850~5855	-38.02	≤20.72	PASS
				5855~5875	-37.28	≤11.95	PASS
				5875~5925	-38.22	≤-0.78	PASS
				5925~5935	-39.03	≤-27	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-38.78	≤8.46	PASS
				5700~5720	-38.2	≤14.75	PASS
				5720~5725	-37.89	≤23.74	PASS
				5780~5650	-39.25	≤-27	PASS
		High	5795	5850~5855	-37.83	≤17.54	PASS
				5855~5875	-38.33	≤11.75	PASS
				5875~5925	-37.68	≤-14.59	PASS
				5925~5935	-37.86	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5650~5700	-39.14	≤6.06	PASS
				5700~5720	-38.43	≤14.66	PASS
				5720~5725	-38.78	≤23.16	PASS
				5760~5650	-39.13	≤-27	PASS
		High	5825	5850~5855	-38.58	≤25.34	PASS
				5855~5875	-37.5	≤15.09	PASS
				5875~5925	-38.49	≤7.41	PASS
				5925~5935	-37.21	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-38.52	≤7.86	PASS
				5700~5720	-37.06	≤14.97	PASS
				5720~5725	-37.6	≤18.81	PASS

				5780~5650	-40.28	≤-27	PASS
		High	5795	5850~5855	-38.24	≤21.68	PASS
				5855~5875	-38.92	≤15.03	PASS
				5875~5925	-38.2	≤5.07	PASS
				5925~5935	-38.83	≤-27	PASS
11AC80SISO	Ant2	Low	5775	5650~5700	-36.3	≤7.15	PASS
				5700~5720	-38.96	≤14.74	PASS
				5720~5725	-36.64	≤24.83	PASS
				5800~5650	-39.65	≤-27	PASS
		High	5775	5850~5855	-38.36	≤24.23	PASS
				5855~5875	-38.35	≤11.32	PASS
				5875~5925	-38.36	≤-11.08	PASS
				5925~5935	-38.98	≤-27	PASS
11AX20SISO	Ant2	Low	5745	5650~5700	-38.47	≤-7.72	PASS
				5700~5720	-38.09	≤10.57	PASS
				5720~5725	-38.68	≤25.78	PASS
				5760~5650	-40.23	≤-27	PASS
		High	5825	5850~5855	-36.98	≤15.79	PASS
				5855~5875	-38.03	≤14.60	PASS
				5875~5925	-38.15	≤-9.17	PASS
				5925~5935	-38.78	≤-27	PASS
11AX40SISO	Ant2	Low	5755	5650~5700	-39.12	≤-23.71	PASS
				5700~5720	-37.18	≤15.01	PASS
				5720~5725	-38.5	≤22.20	PASS
				5780~5650	-40.21	≤-27	PASS
		High	5795	5850~5855	-39.11	≤20.55	PASS
				5855~5875	-38.8	≤15.54	PASS
				5875~5925	-37.71	≤-7.26	PASS
				5925~5935	-37.94	≤-27	PASS
11AX80SISO	Ant2	Low	5775	5650~5700	-38.3	≤2.45	PASS
				5700~5720	-38.43	≤13.65	PASS
				5720~5725	-36.21	≤23.42	PASS
				5800~5650	-39.44	≤-27	PASS
		High	5775	5850~5855	-38.53	≤19.59	PASS
				5855~5875	-38.23	≤13.08	PASS
				5875~5925	-37.83	≤-4.91	PASS
				5925~5935	-39.12	≤-27	PASS

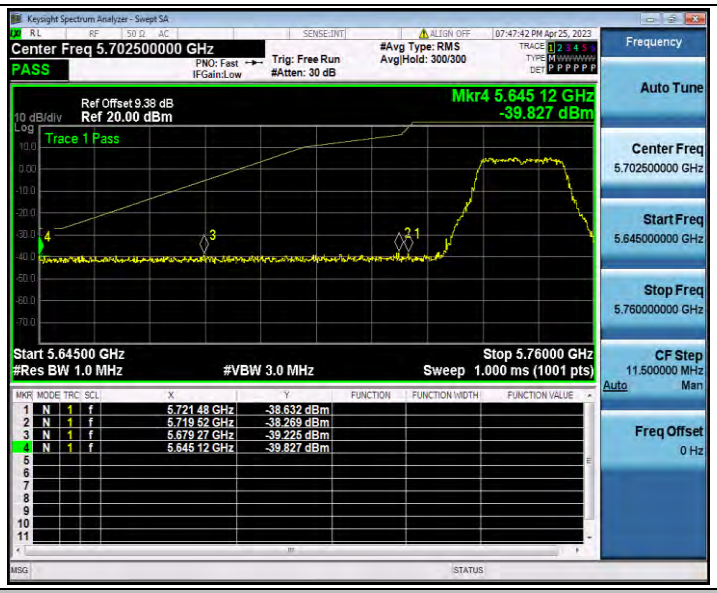
Test Graphs B4



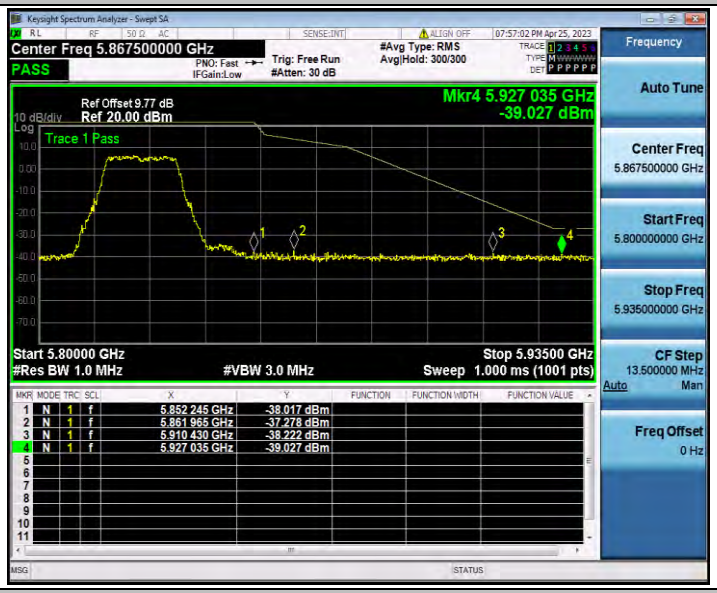
11A_Ant2_Low_5745



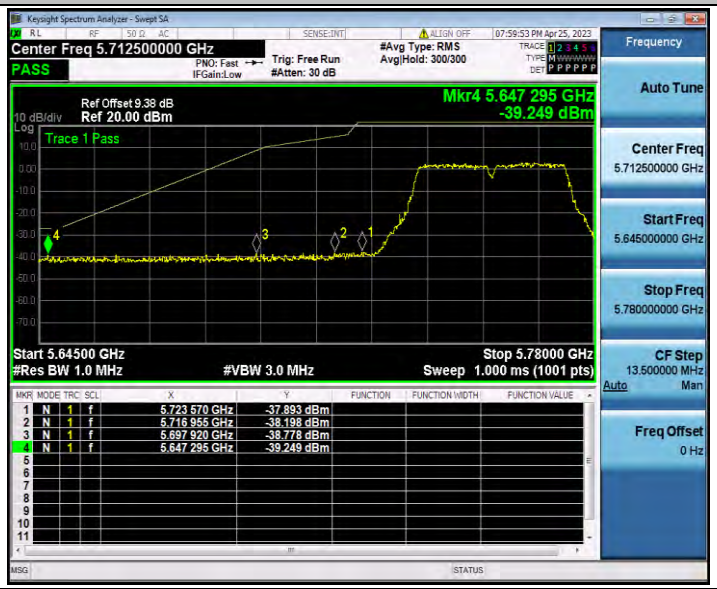
11A_Ant2_High_5825



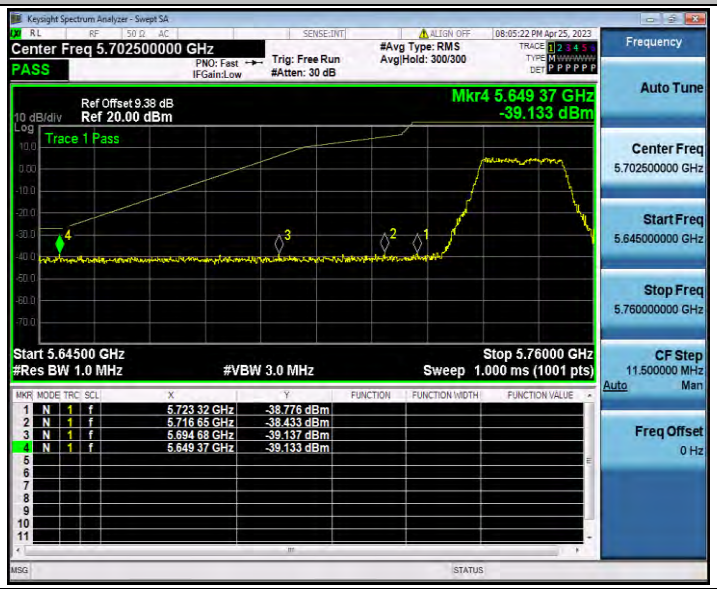
11N20SISO_Ant2_Low_5745

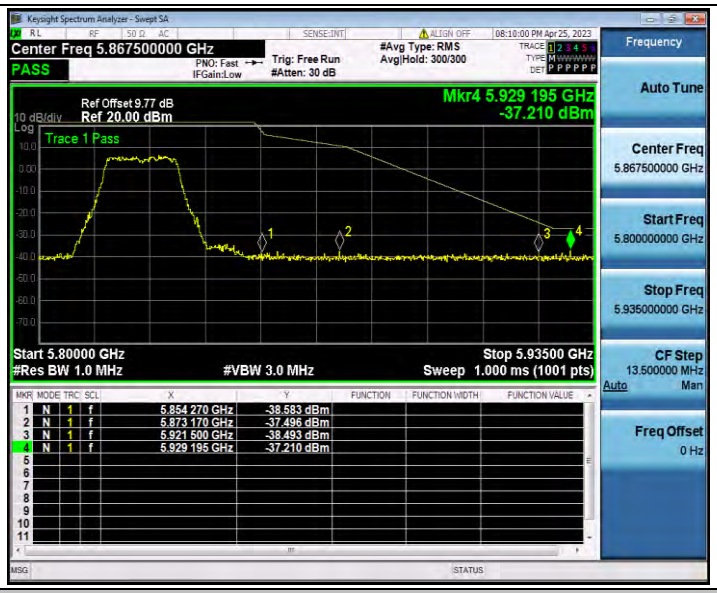


11N20SISO_Ant2_High_5825



11N40SISO_Ant2_Low_5755

11N40SISO_Ant2_High_5795

11AC20SISO_Ant2_Low_5745



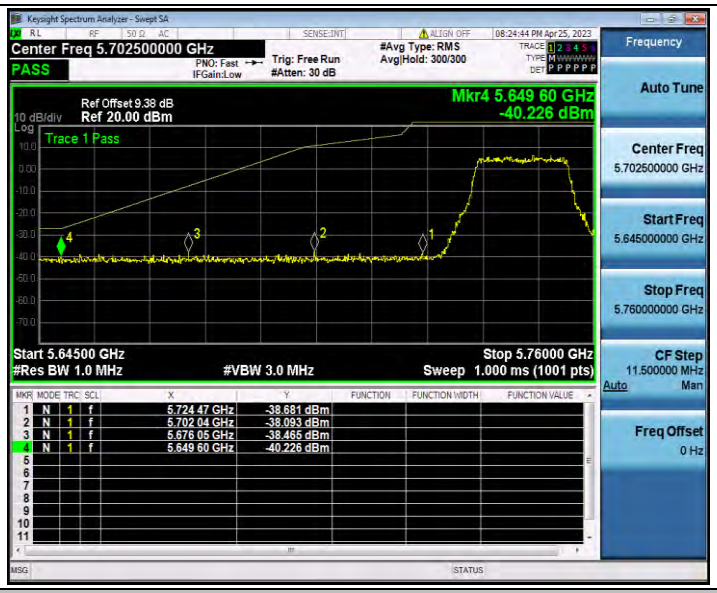
11AC20SISO_Ant2_High_5825

11AC40SISO_Ant2_Low_5755

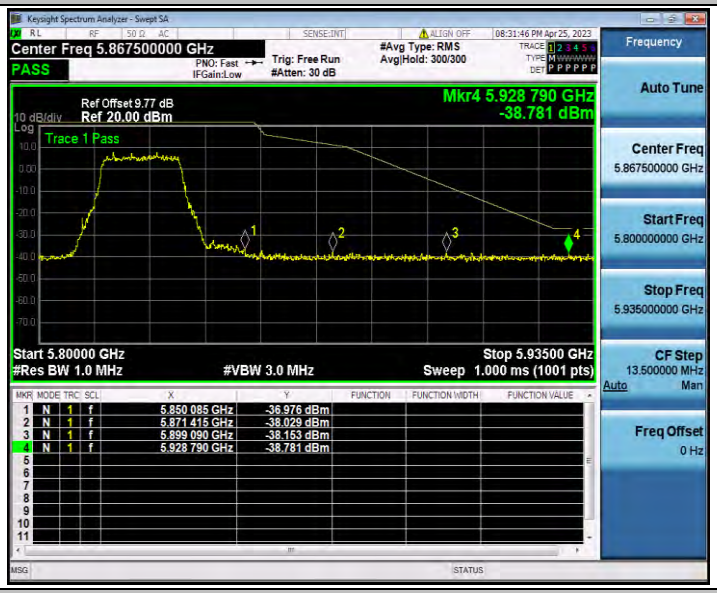
11AC40SISO_Ant2_High_5795

11AC80SISO_Ant2_Low_5775

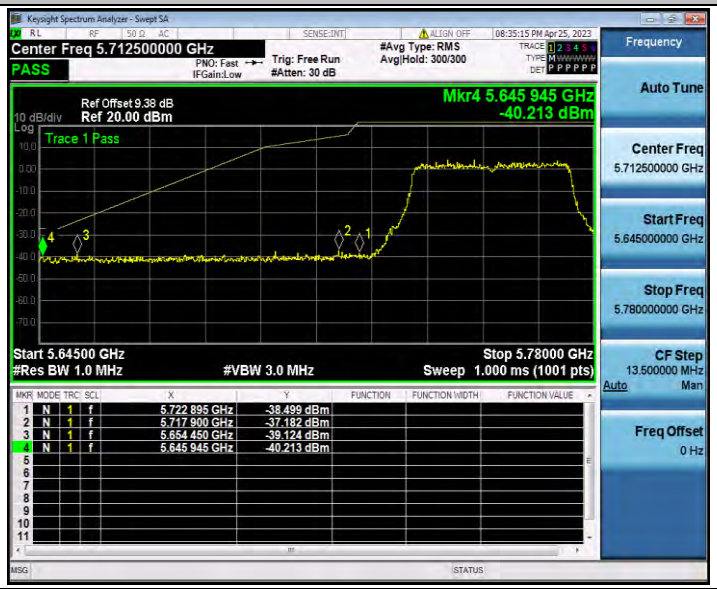
11AC80SISO_Ant2_High_5775



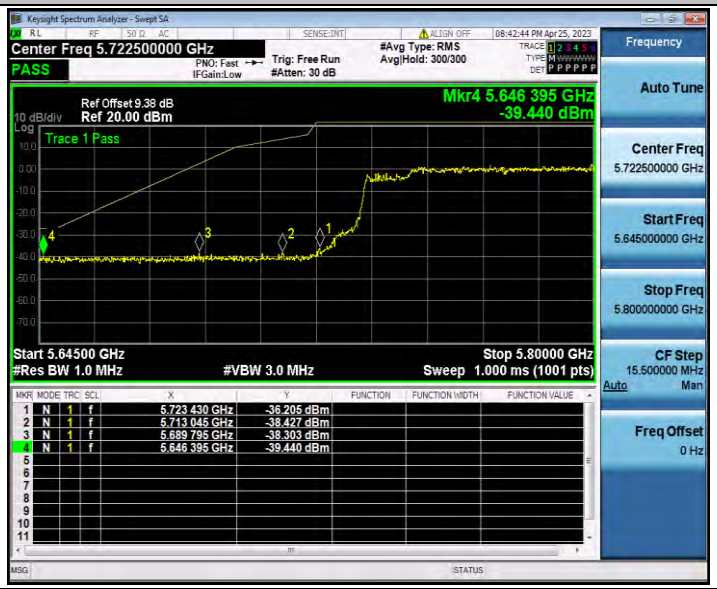
11AX20SISO_Ant2_Low_5745



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

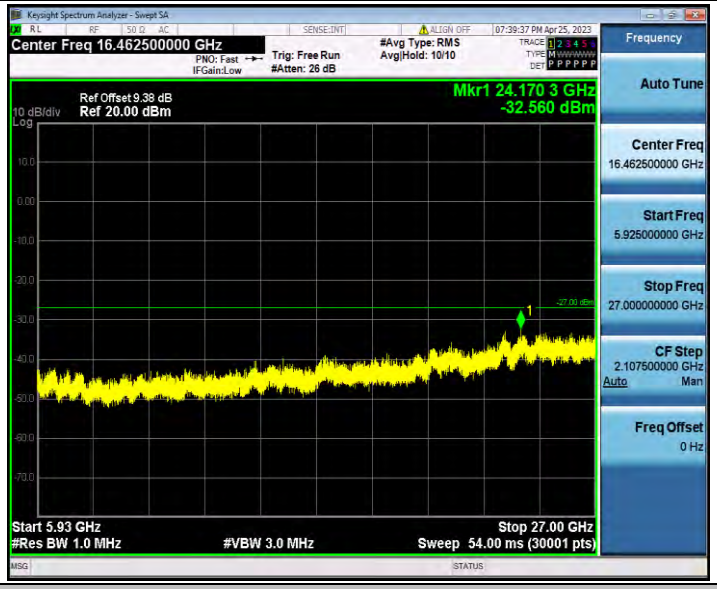
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	5425.95	-40.89	≤-27	PASS
			5925~40000	24170.33	-32.56	≤-27	PASS
		5785	30~5650	5429.51	-40.19	≤-27	PASS
			5925~40000	24233.56	-32.28	≤-27	PASS
		5825	30~5650	5473.91	-40.77	≤-27	PASS
			5925~40000	26131.71	-32.41	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5413.96	-40.64	≤-27	PASS
			5925~40000	24906.55	-32.7	≤-27	PASS
		5785	30~5650	5620.03	-40.47	≤-27	PASS
			5925~40000	23508.58	-32.4	≤-27	PASS
		5825	30~5650	5377.24	-40.15	≤-27	PASS
			5925~40000	24240.58	-32	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5465.48	-40.87	≤-27	PASS
			5925~40000	26068.49	-31.59	≤-27	PASS
		5795	30~5650	4885.87	-40.35	≤-27	PASS
			5925~40000	26977.52	-32.69	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5475.22	-39.73	≤-27	PASS
			5925~40000	24276.41	-32.18	≤-27	PASS
		5785	30~5650	2661.28	-40.77	≤-27	PASS
			5925~40000	26991.57	-32.26	≤-27	PASS
		5825	30~5650	5459.67	-40.72	≤-27	PASS
			5925~40000	25590.79	-32.4	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	4788.83	-40.42	≤-27	PASS
			5925~40000	23590.07	-32.92	≤-27	PASS
		5795	30~5650	2549.26	-40.59	≤-27	PASS
			5925~40000	25635.04	-32.58	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5450.49	-40.63	≤-27	PASS
			5925~40000	26816.65	-32.67	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5443.56	-40.57	≤-27	PASS
			5925~40000	24296.78	-32.37	≤-27	PASS
		5785	30~5650	5407.4	-40.6	≤-27	PASS
			5925~40000	24303.1	-32.7	≤-27	PASS
		5825	30~5650	5405.72	-41.06	≤-27	PASS
			5925~40000	26957.85	-32.05	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5648.5	-41.2	≤-27	PASS
			5925~40000	26548.29	-32.71	≤-27	PASS

		5795	30~5650	5472.03	-39.92	≤-27	PASS
			5925~40000	26778.71	-31.98	≤-27	PASS
11AX80SISO	Ant2	5775	30~5650	2680.77	-41.24	≤-27	PASS
			5925~40000	26996.49	-32.62	≤-27	PASS

Test Graphs

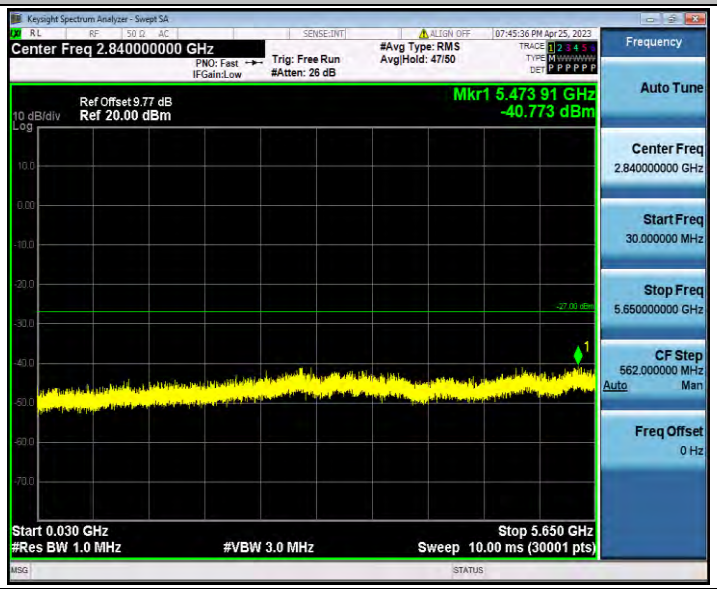
11A_Ant2_5745_30~5650

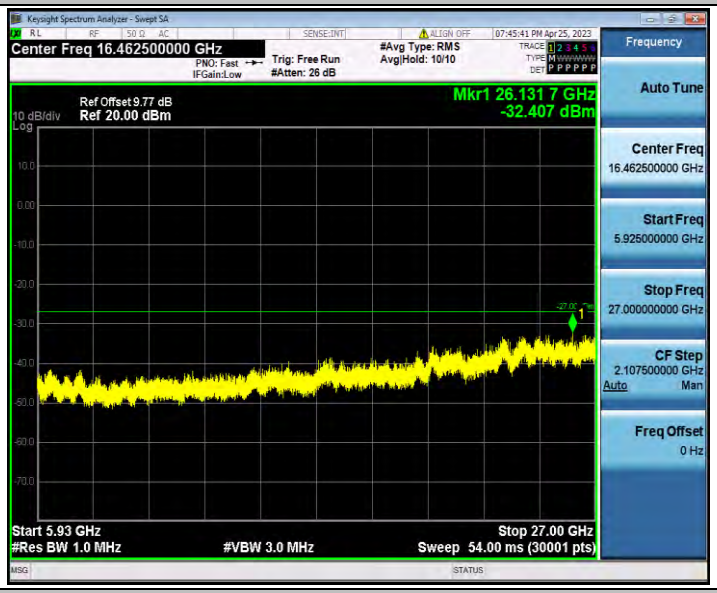
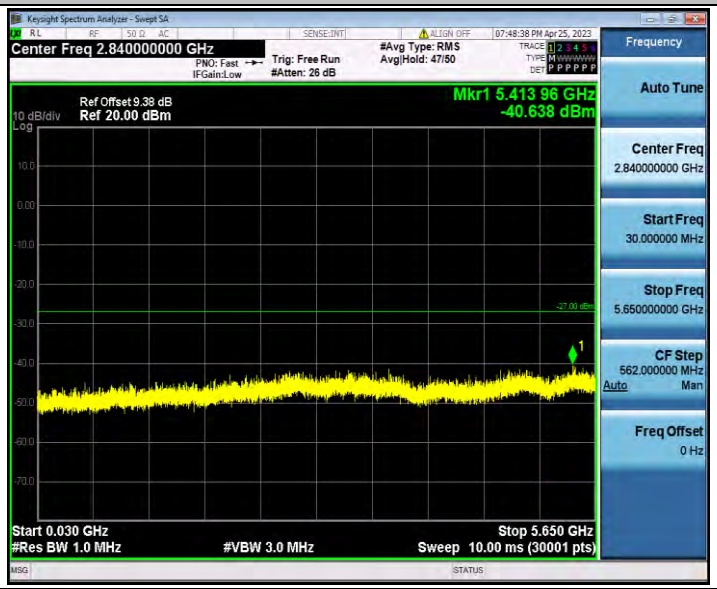


11A_Ant2_5745_5925~40000

11A_Ant2_5785_30~5650

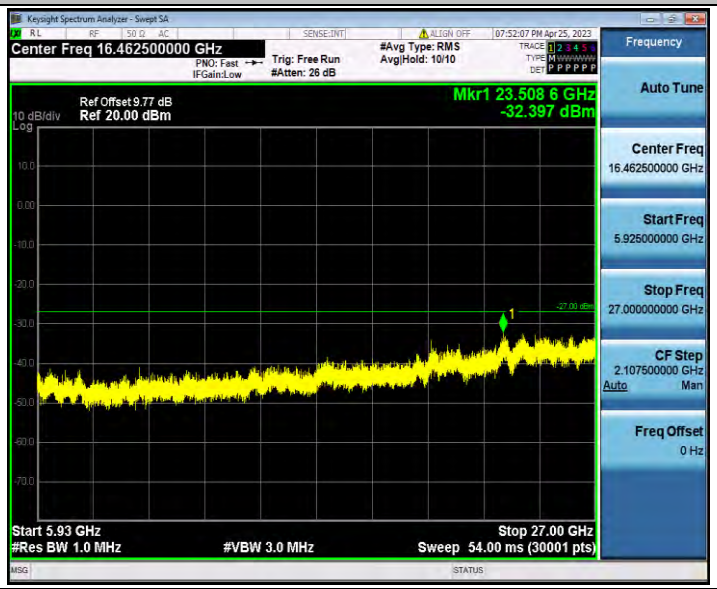
11A_Ant2_5785_5925~40000



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



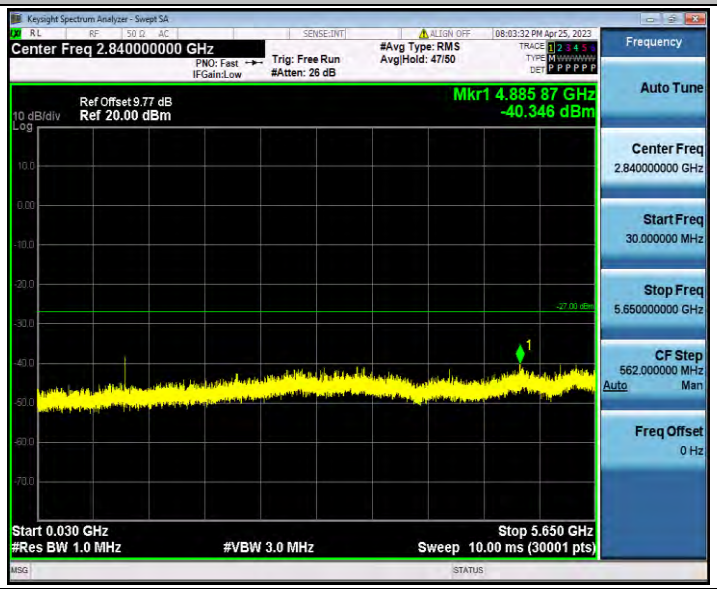
11N20SISO_Ant2_5785_5925~40000

11N20SISO_Ant2_5825_30~5650

11N20SISO_Ant2_5825_5925~40000

11N40SISO_Ant2_5755_30~5650

11N40SISO_Ant2_5755_5925~40000



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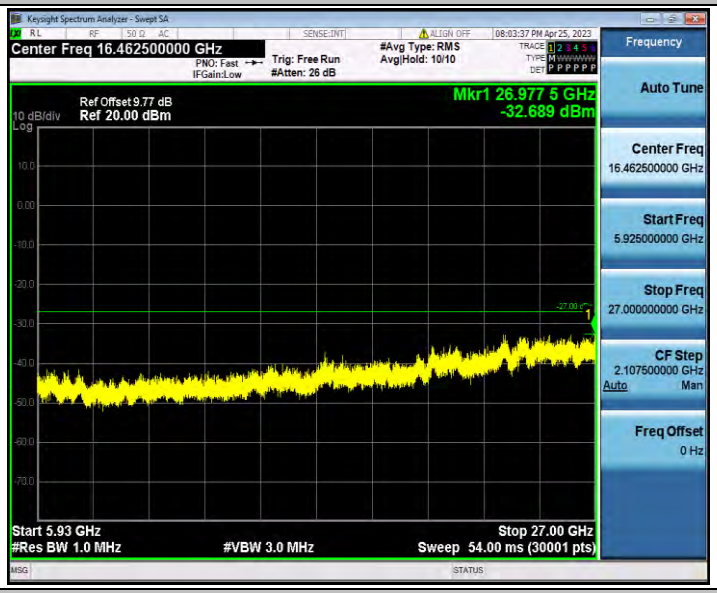
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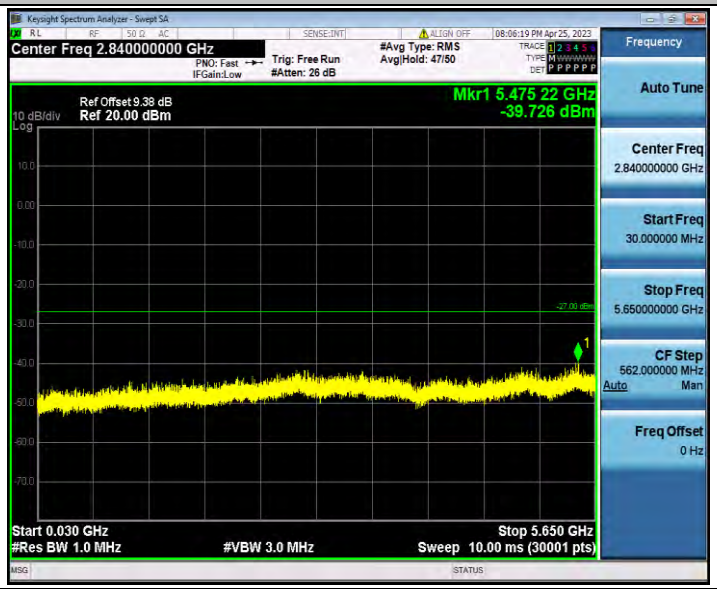
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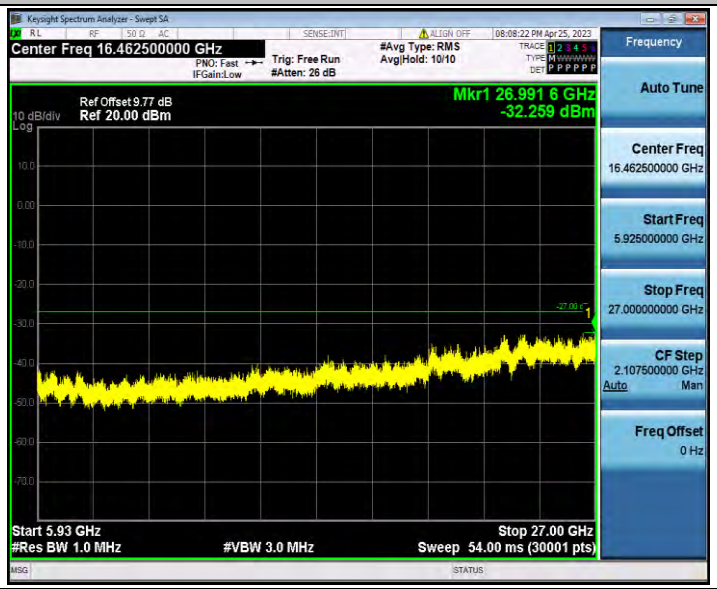

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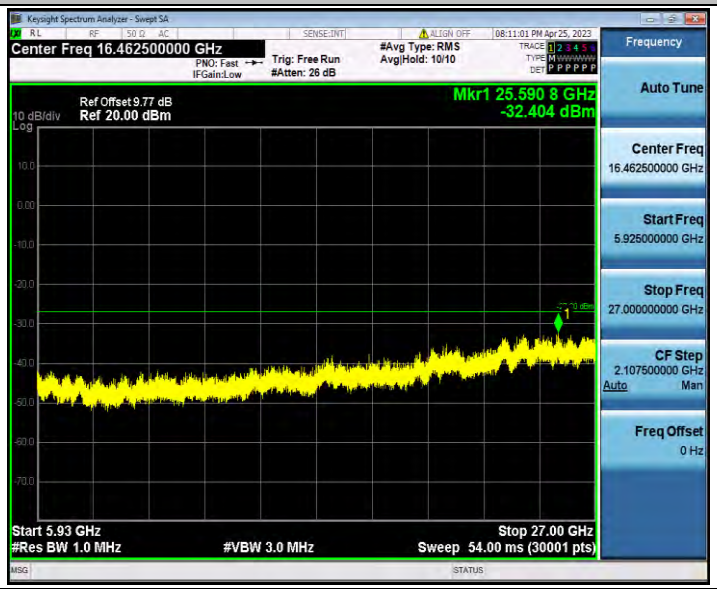
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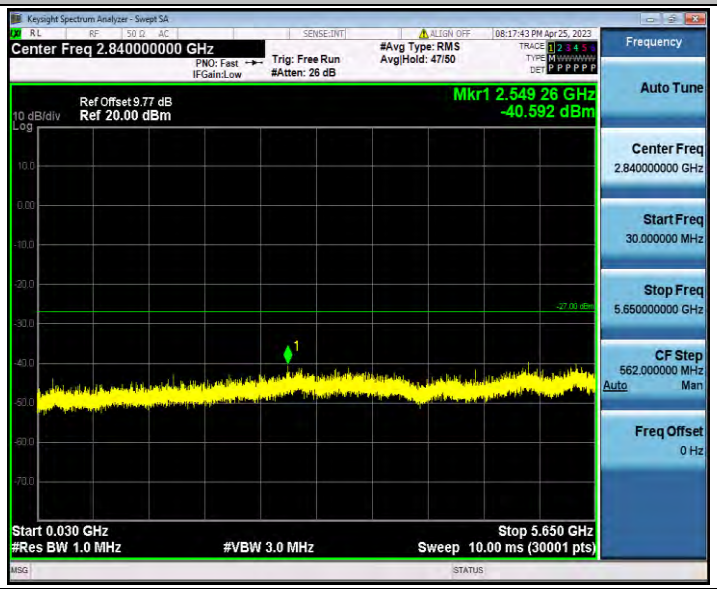

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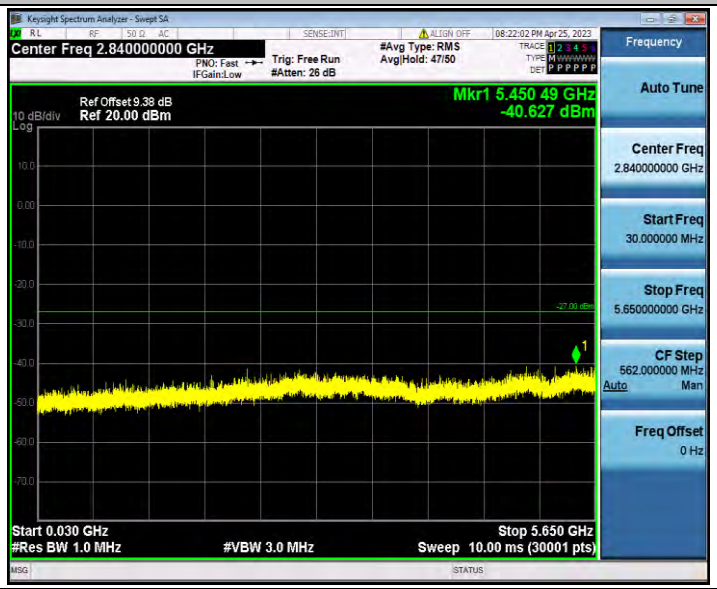
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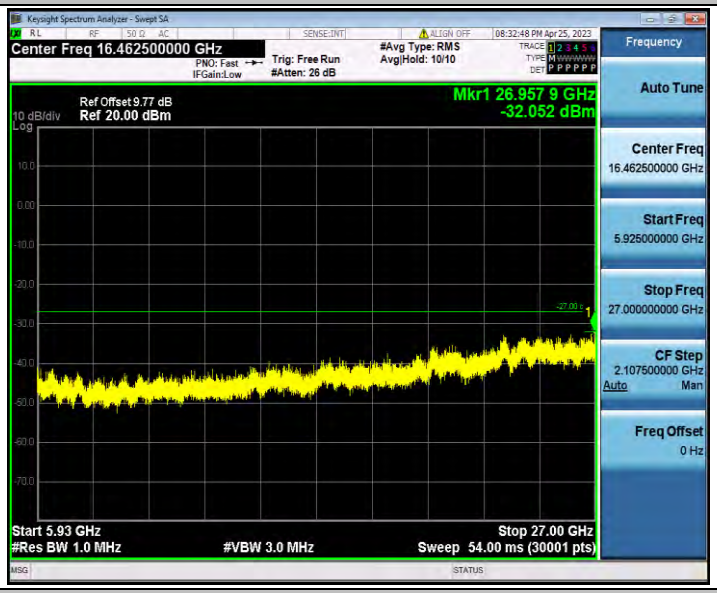

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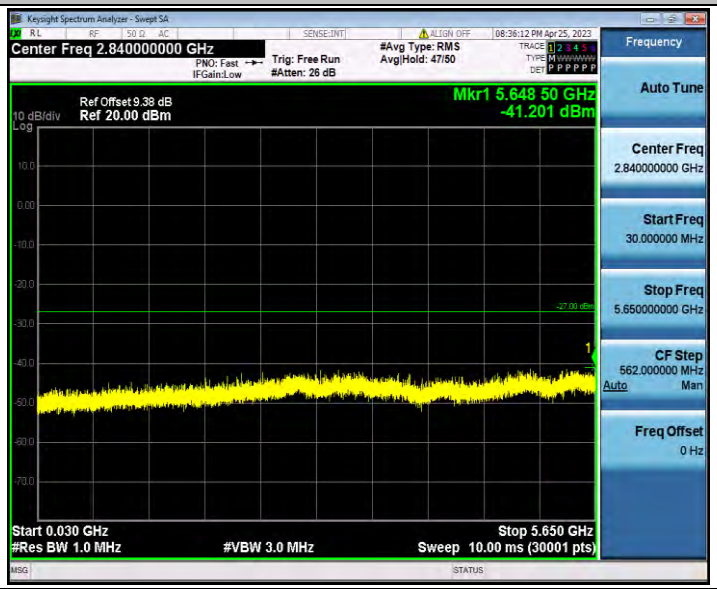

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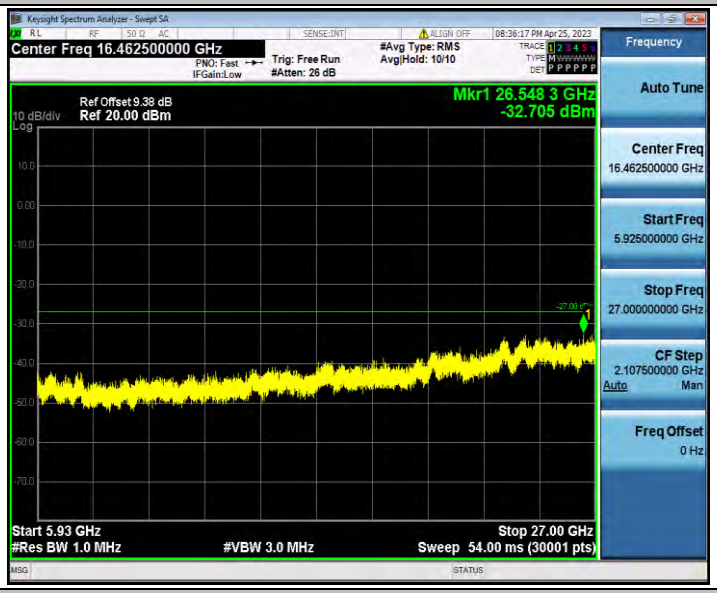
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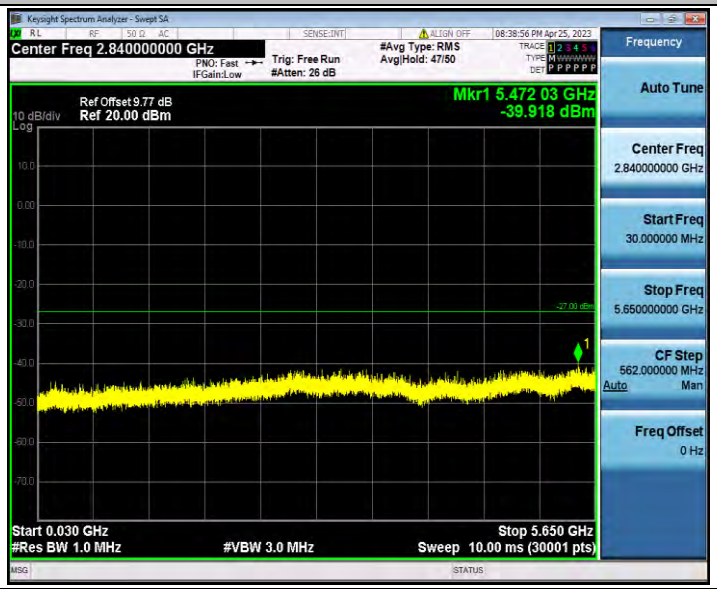
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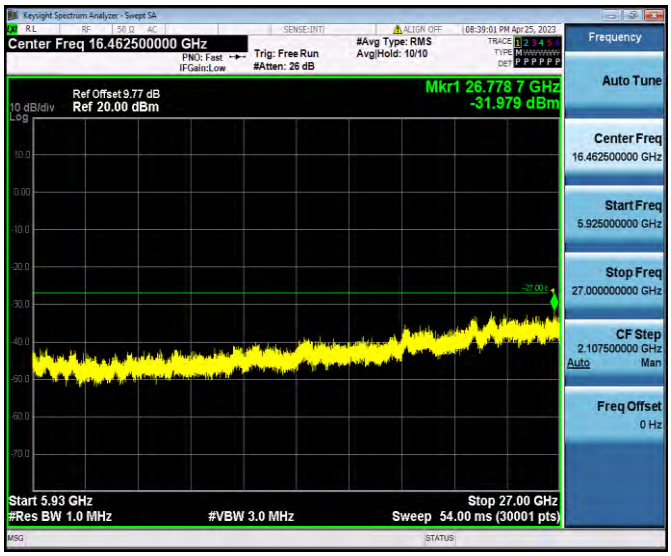

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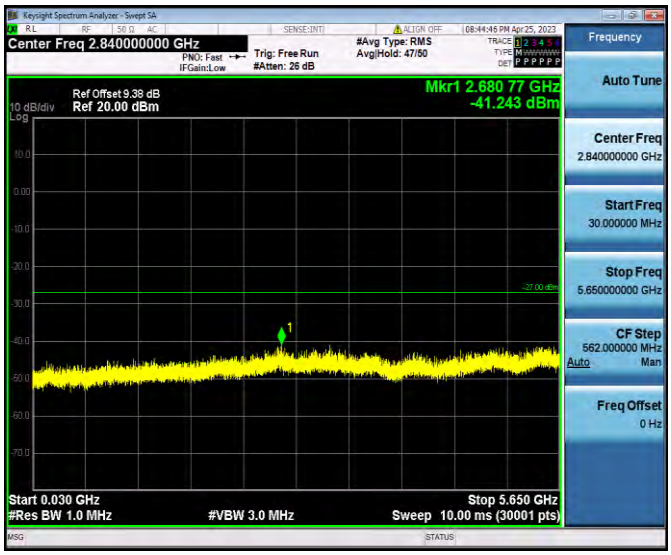

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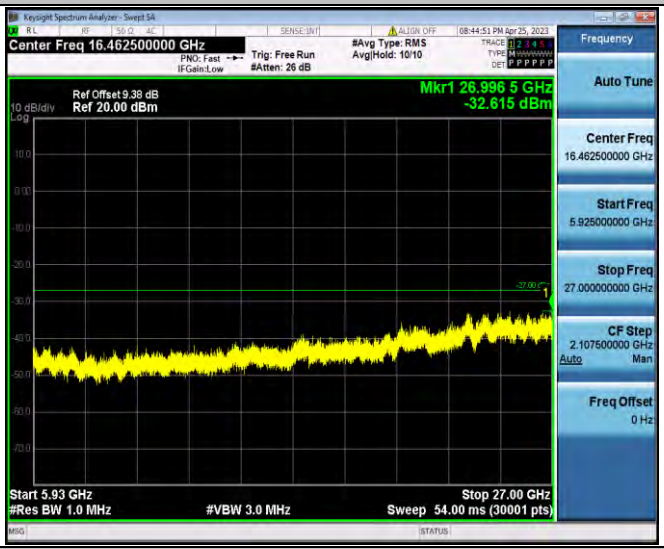

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