Appendix C.6: Conducted Spurious Emission

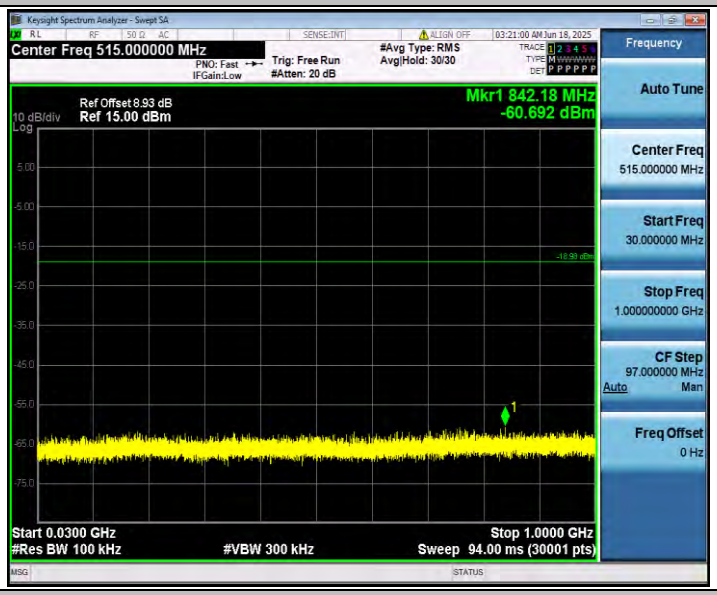
Test Result

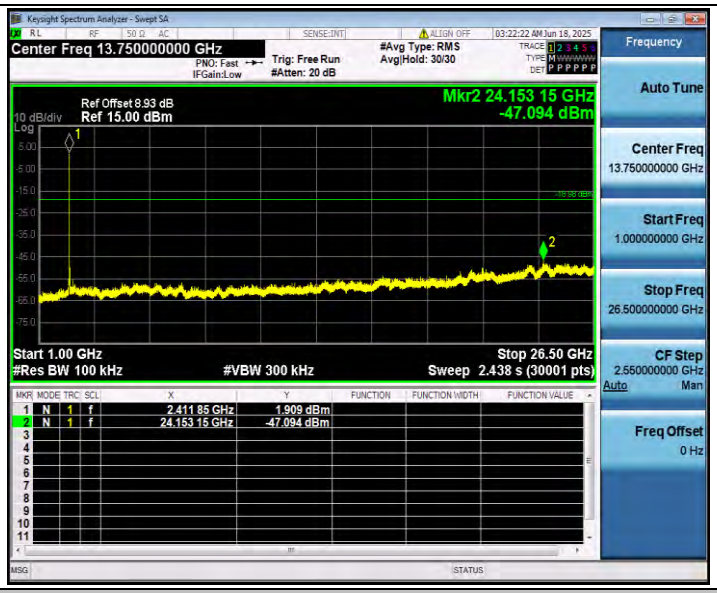
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	1.02	1.02	---	PASS
			30~1000	1.02	-60.69	≤-18.98	PASS
			1000~26500	1.02	-47.09	≤-18.98	PASS
		2437	Reference	1.34	1.34	---	PASS
			30~1000	1.34	-60.09	≤-18.66	PASS
			1000~26500	1.34	-47.59	≤-18.66	PASS
		2462	Reference	2.15	2.15	---	PASS
			30~1000	2.15	-60.51	≤-17.85	PASS
			1000~26500	2.15	-44.63	≤-17.85	PASS
11G	Ant2	2412	Reference	-2.88	-2.88	---	PASS
			30~1000	-2.88	-61.14	≤-22.88	PASS
			1000~26500	-2.88	-47.29	≤-22.88	PASS
		2437	Reference	-1.22	-1.22	---	PASS
			30~1000	-1.22	-60.95	≤-21.22	PASS
			1000~26500	-1.22	-47.48	≤-21.22	PASS
		2462	Reference	-1.07	-1.07	---	PASS
			30~1000	-1.07	-59.56	≤-21.07	PASS
			1000~26500	-1.07	-47.66	≤-21.07	PASS
11N20SISO	Ant2	2412	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-59.97	≤-20.6	PASS
			1000~26500	-0.60	-47.32	≤-20.6	PASS
		2437	Reference	-2.86	-2.86	---	PASS
			30~1000	-2.86	-59.92	≤-22.86	PASS
			1000~26500	-2.86	-47.42	≤-22.86	PASS
		2462	Reference	-1.94	-1.94	---	PASS
			30~1000	-1.94	-60.51	≤-21.94	PASS
			1000~26500	-1.94	-47.05	≤-21.94	PASS
11N40SISO	Ant2	2422	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-61.17	≤-23.51	PASS
			1000~26500	-3.51	-47.91	≤-23.51	PASS
		2437	Reference	-4.67	-4.67	---	PASS
			30~1000	-4.67	-60.22	≤-24.67	PASS
			1000~26500	-4.67	-47.74	≤-24.67	PASS
		2452	Reference	-4.27	-4.27	---	PASS
			30~1000	-4.27	-60.52	≤-24.27	PASS
			1000~26500	-4.27	-47.53	≤-24.27	PASS

11AX20SISO	Ant2	2412	Reference	-2.73	-2.73	---	PASS
			30~1000	-2.73	-60.78	≤-22.73	PASS
			1000~26500	-2.73	-47.24	≤-22.73	PASS
		2437	Reference	-2.23	-2.23	---	PASS
			30~1000	-2.23	-60.66	≤-22.23	PASS
			1000~26500	-2.23	-47.76	≤-22.23	PASS
		2462	Reference	-0.64	-0.64	---	PASS
			30~1000	-0.64	-60.42	≤-20.64	PASS
			1000~26500	-0.64	-46.47	≤-20.64	PASS
11AX40SISO	Ant2	2422	Reference	-4.90	-4.90	---	PASS
			30~1000	-4.90	-60.53	≤-24.9	PASS
			1000~26500	-4.90	-47.81	≤-24.9	PASS
		2437	Reference	-5.25	-5.25	---	PASS
			30~1000	-5.25	-60.46	≤-25.25	PASS
			1000~26500	-5.25	-47.59	≤-25.25	PASS
		2452	Reference	-4.53	-4.53	---	PASS
			30~1000	-4.53	-61.1	≤-24.53	PASS
			1000~26500	-4.53	-46.77	≤-24.53	PASS

Test Graphs

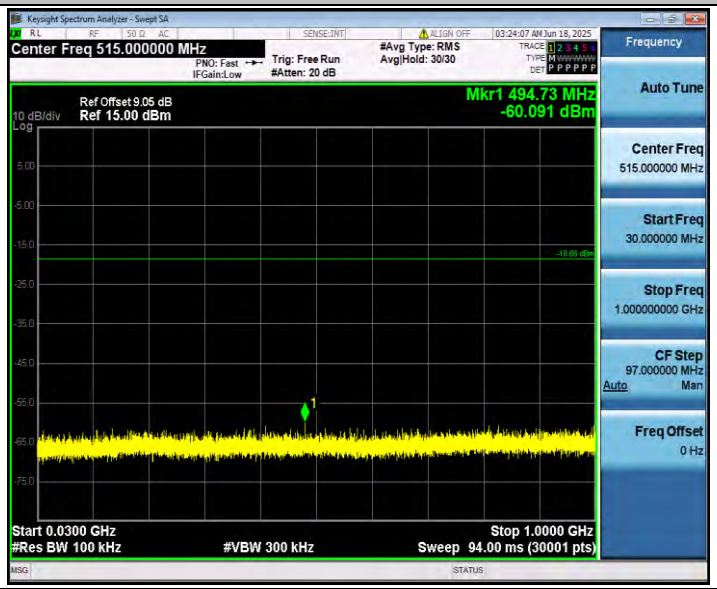
11B_Ant2_2412_0~Reference

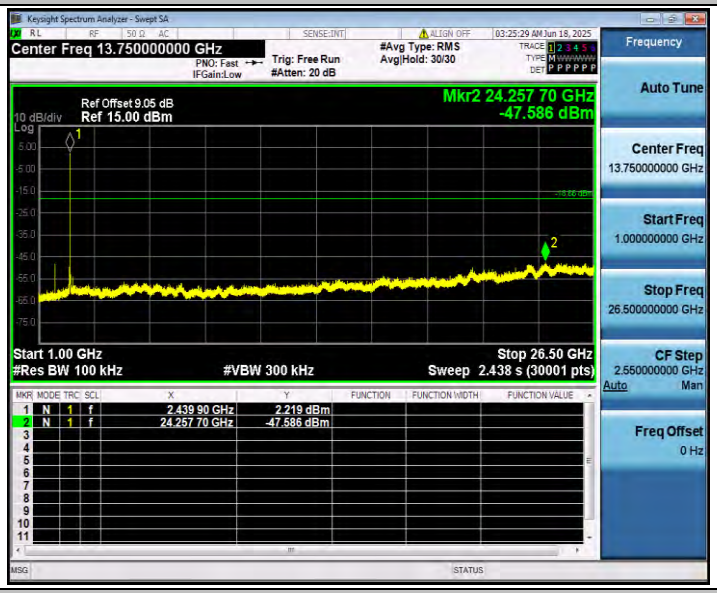
11B_Ant2_2412_30~1000

11B_Ant2_2412_1000~26500



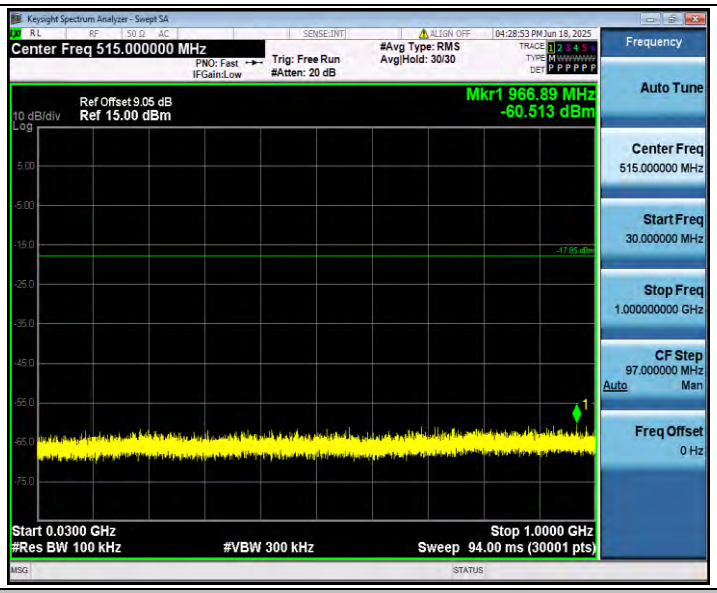
11B_Ant2_2437_0~Reference

11B_Ant2_2437_30~1000

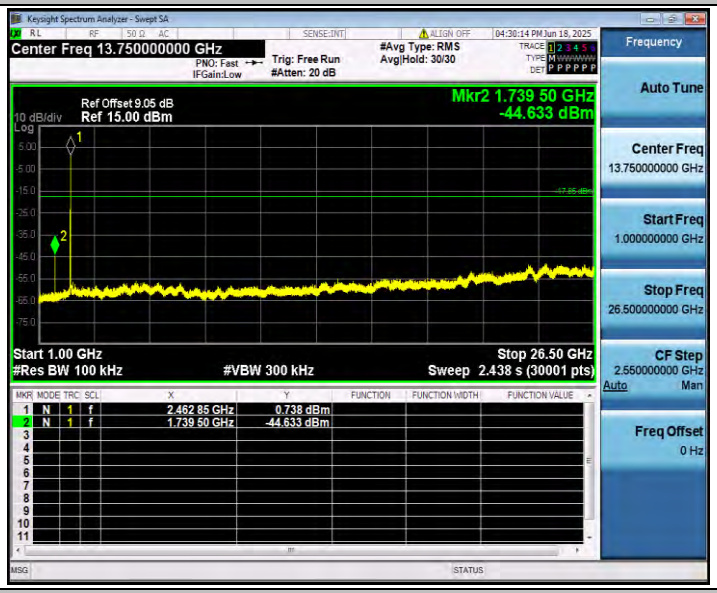


11B_Ant2_2437_1000~26500

11B_Ant2_2462_0~Reference

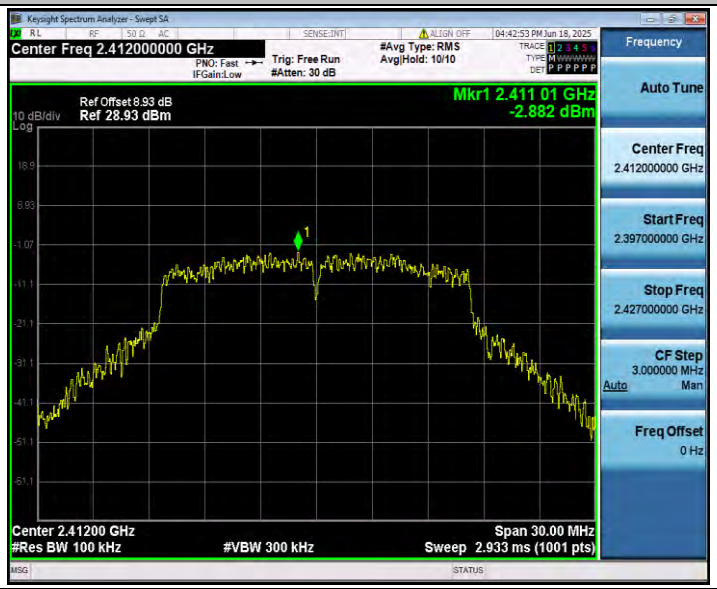
11B_Ant2_2462_30~1000



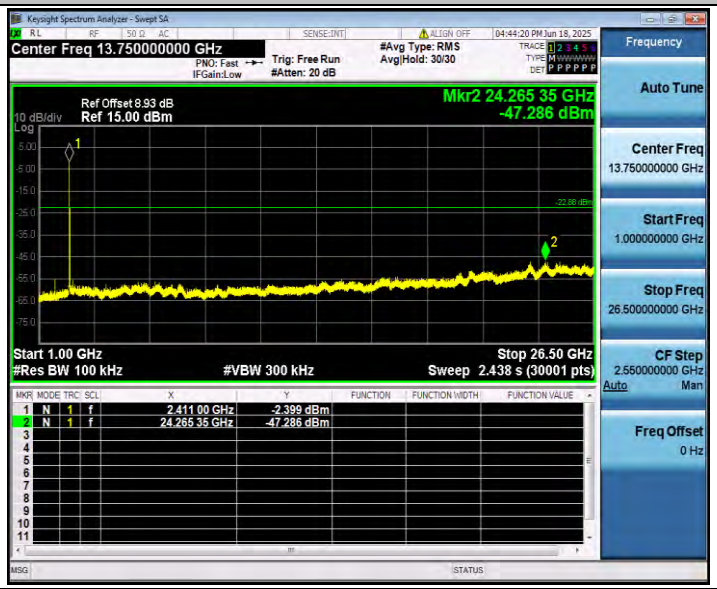
11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference

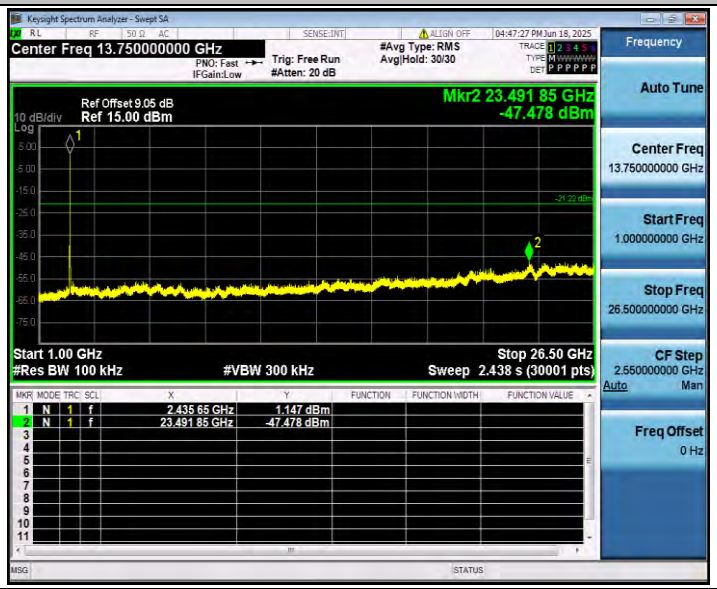


11G_Ant2_2412_30~1000

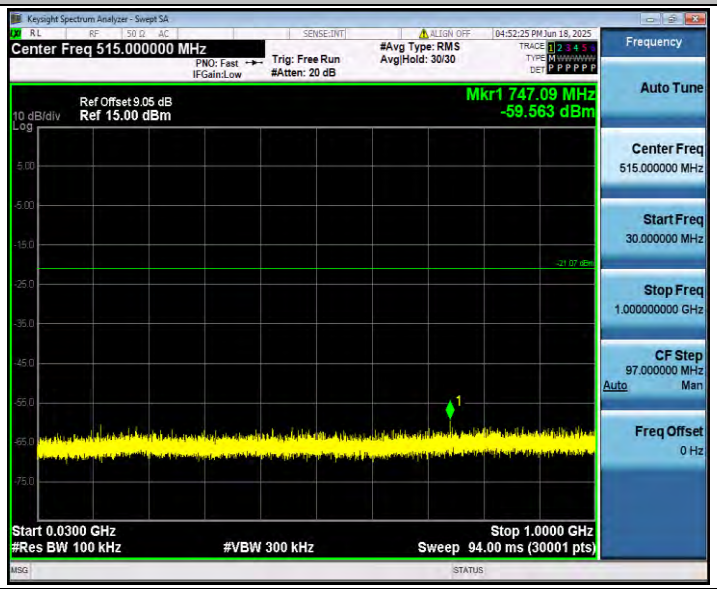
11G_Ant2_2412_1000~26500

11G_Ant2_2437_0~Reference

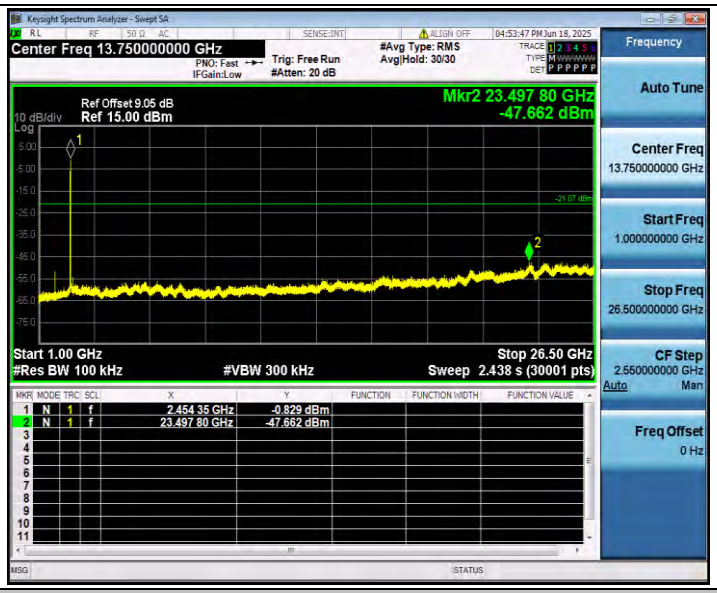
11G_Ant2_2437_30~1000

11G_Ant2_2437_1000~26500

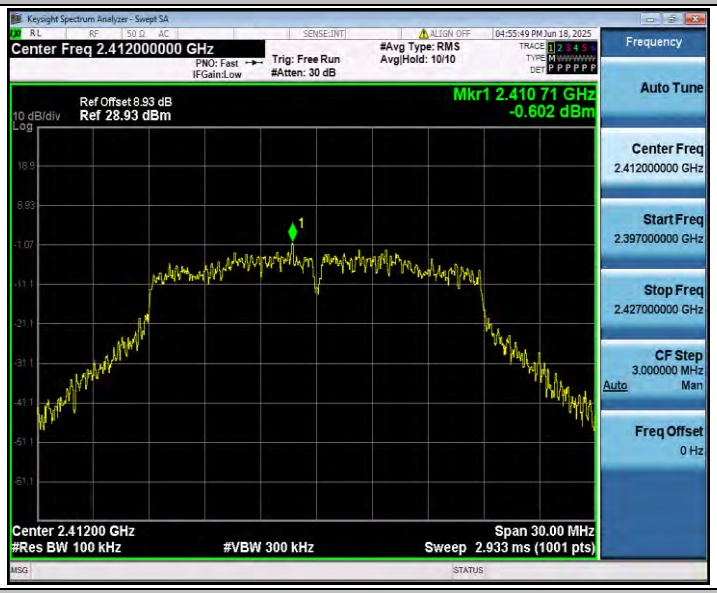


11G_Ant2_2462_0~Reference

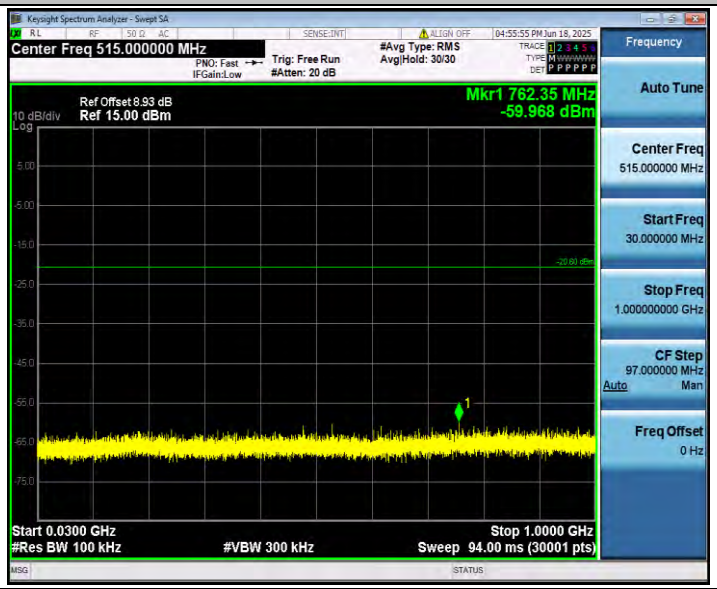
11G_Ant2_2462_30~1000

11G_Ant2_2462_1000~26500

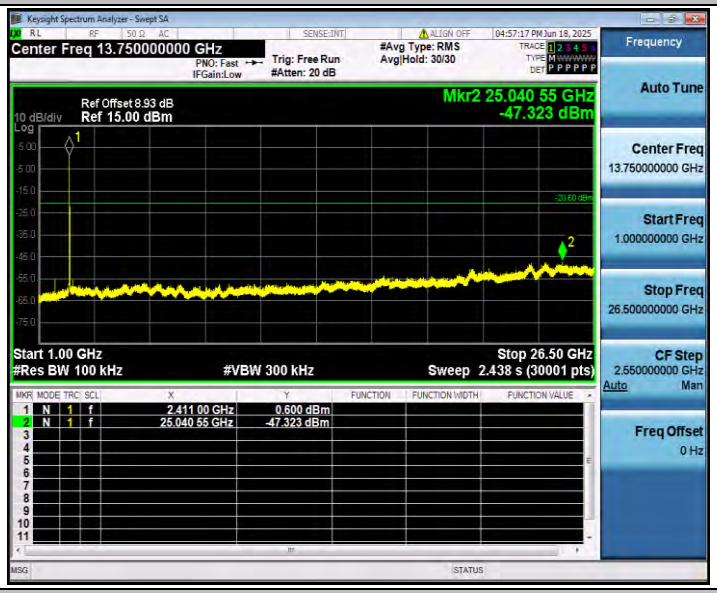
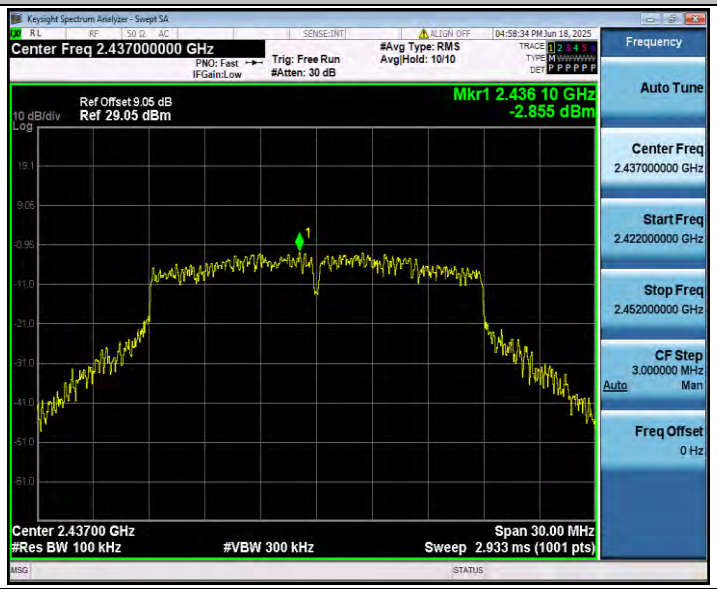


11N20SISO_Ant2_2412_0~Reference

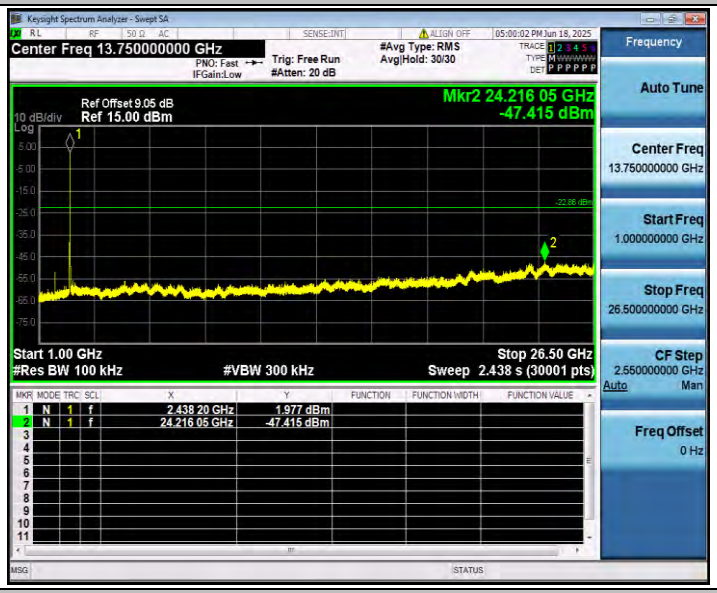


11N20SISO_Ant2_2412_30~1000

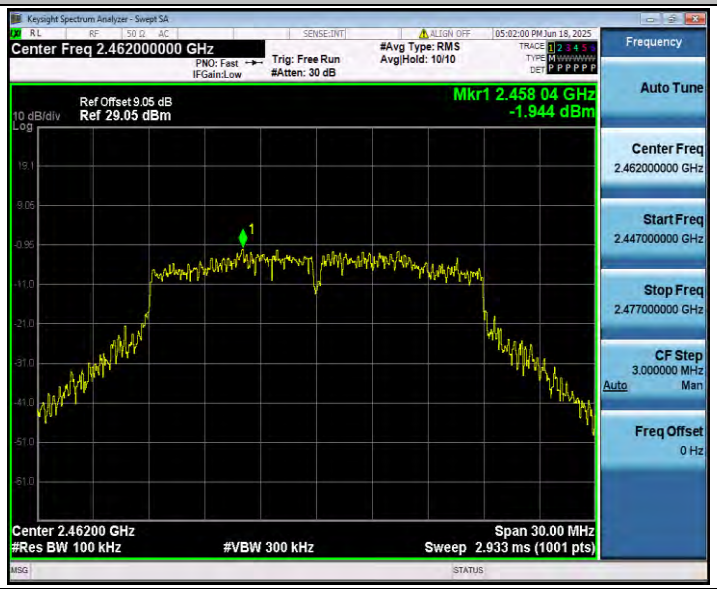


11N20SISO_Ant2_2412_1000~26500

11N20SISO_Ant2_2437_0~Reference

11N20SISO_Ant2_2437_30~1000

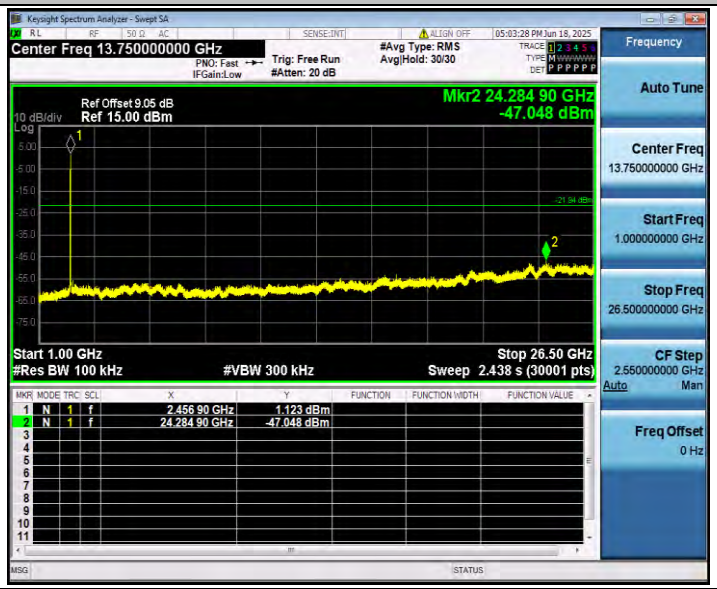
11N20SISO_Ant2_2437_1000~26500



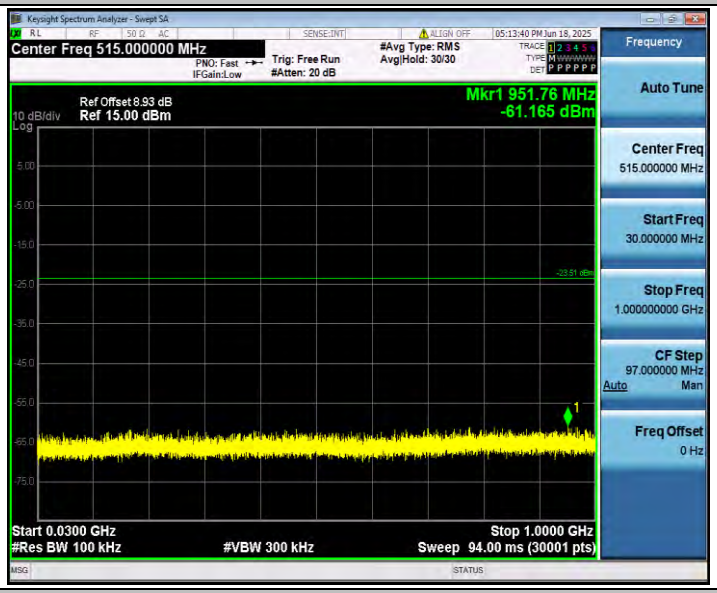
11N20SISO_Ant2_2462_0~Reference



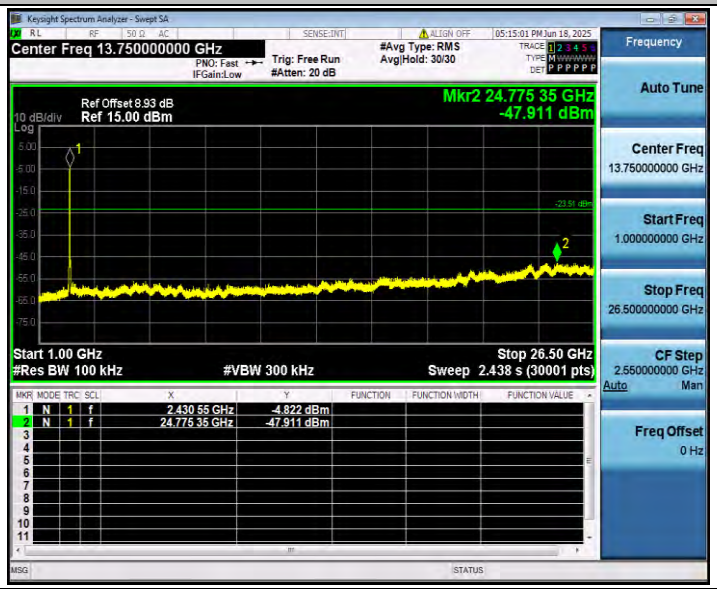
11N20SISO_Ant2_2462_30~1000

11N20SISO_Ant2_2462_1000~26500

11N40SISO_Ant2_2422_0~Reference

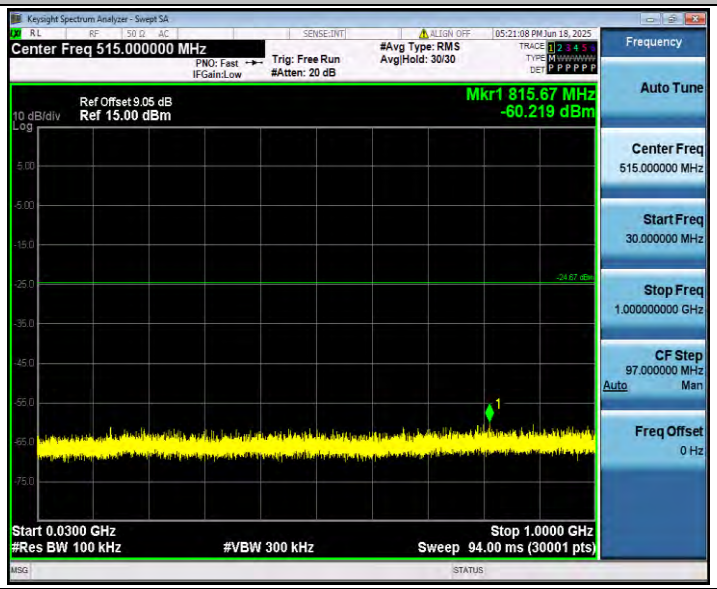
11N40SISO_Ant2_2422_30~1000

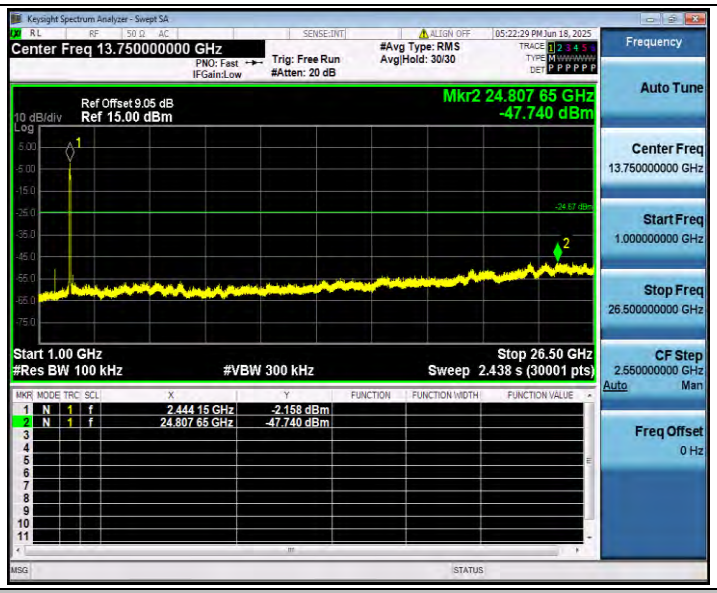


11N40SISO_Ant2_2422_1000~26500



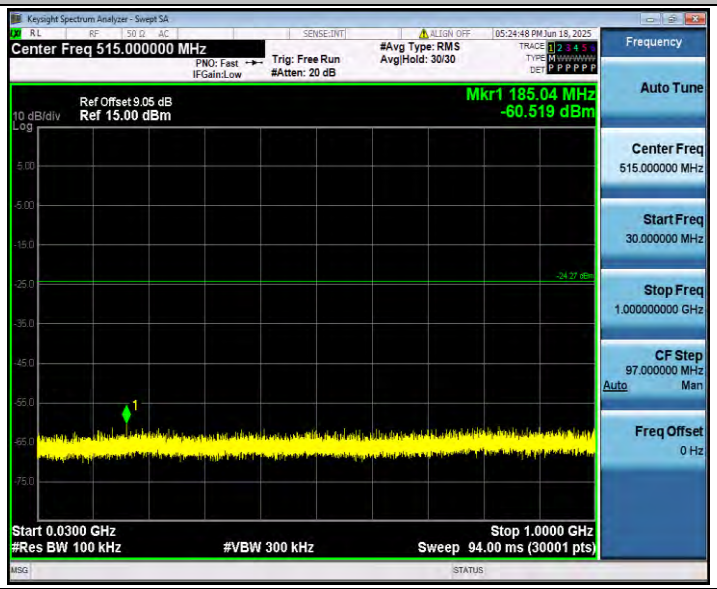
11N40SISO_Ant2_2437_0~Reference

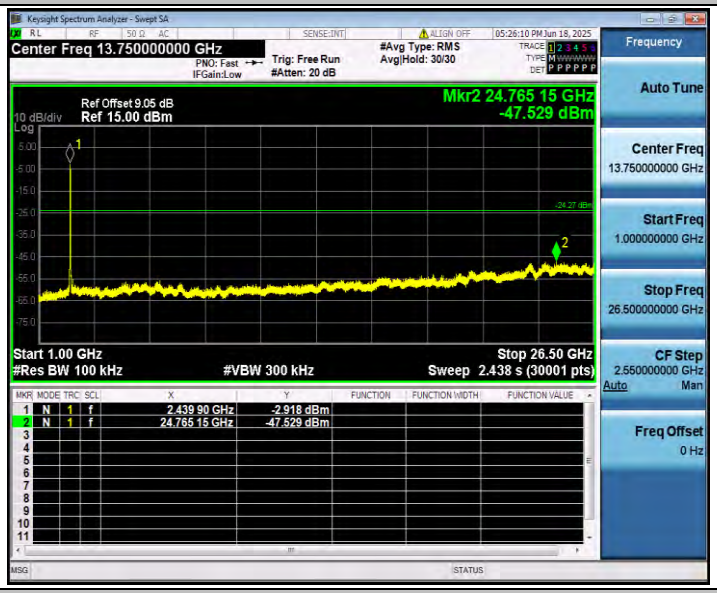
11N40SISO_Ant2_2437_30~1000

11N40SISO_Ant2_2437_1000~26500



11N40SISO_Ant2_2452_0~Reference

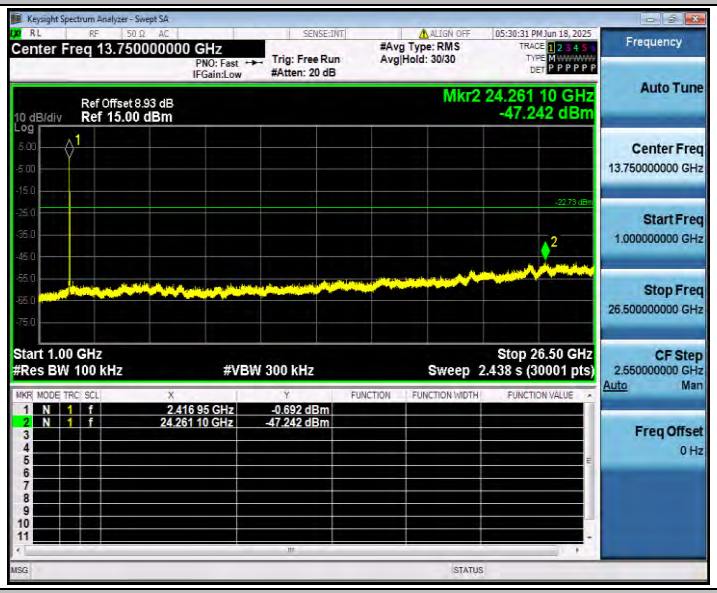
11N40SISO_Ant2_2452_30~1000



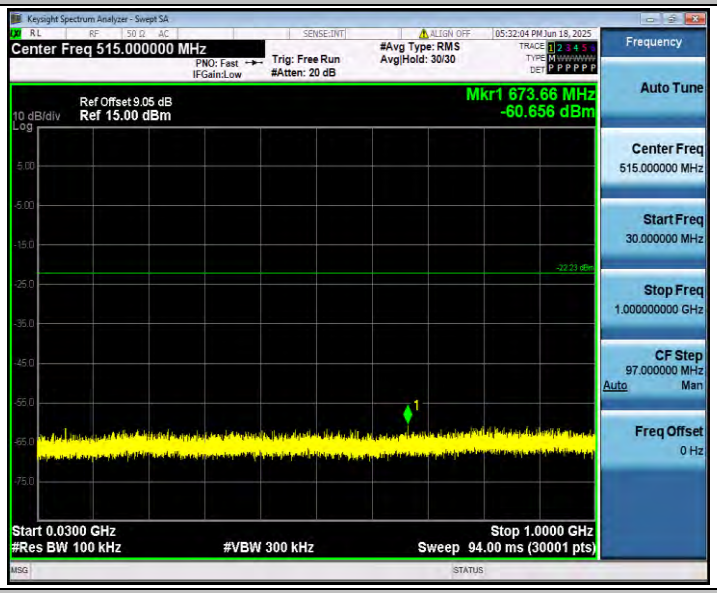
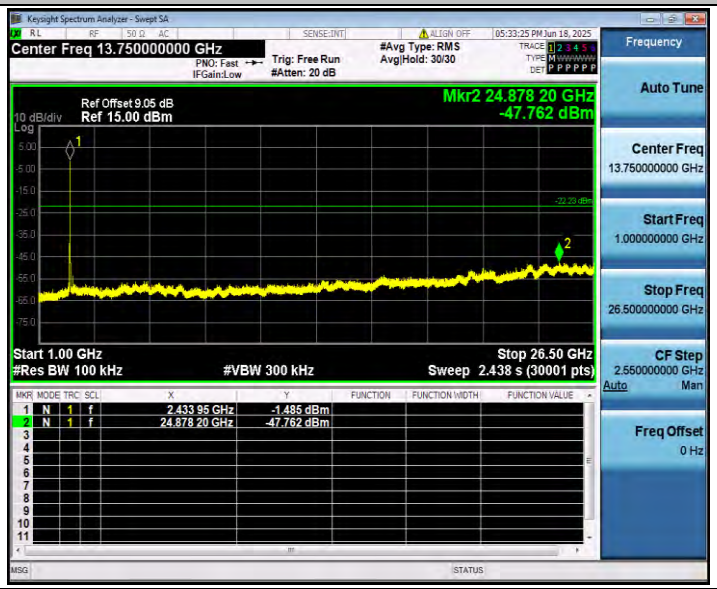
11N40SISO_Ant2_2452_1000~26500

11AX20SISO_Ant2_2412_0~Reference

11AX20SISO_Ant2_2412_30~1000

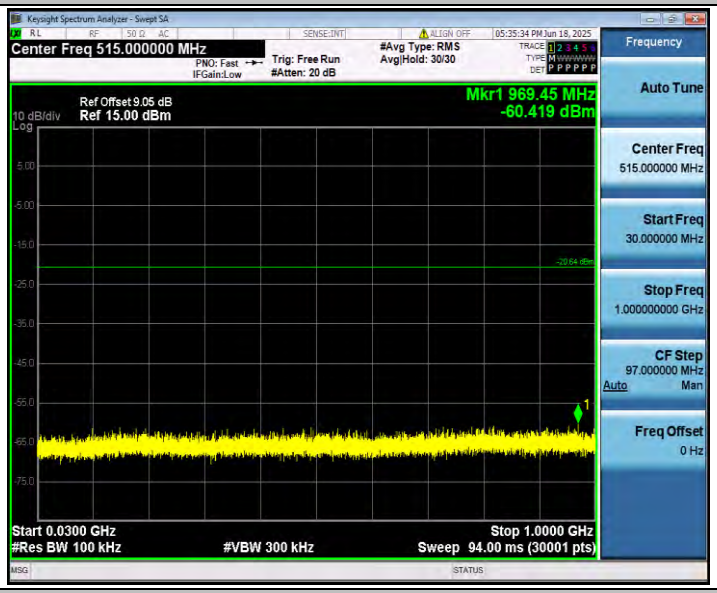
11AX20SISO_Ant2_2412_1000~26500



11AX20SISO_Ant2_2437_0~Reference

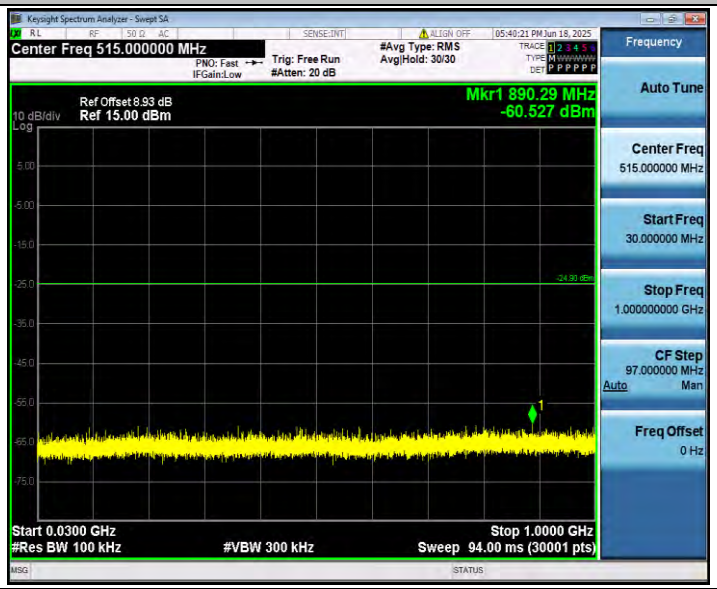
11AX20SISO_Ant2_2437_30~1000

11AX20SISO_Ant2_2437_1000~26500

11AX20SISO_Ant2_2462_0~Reference

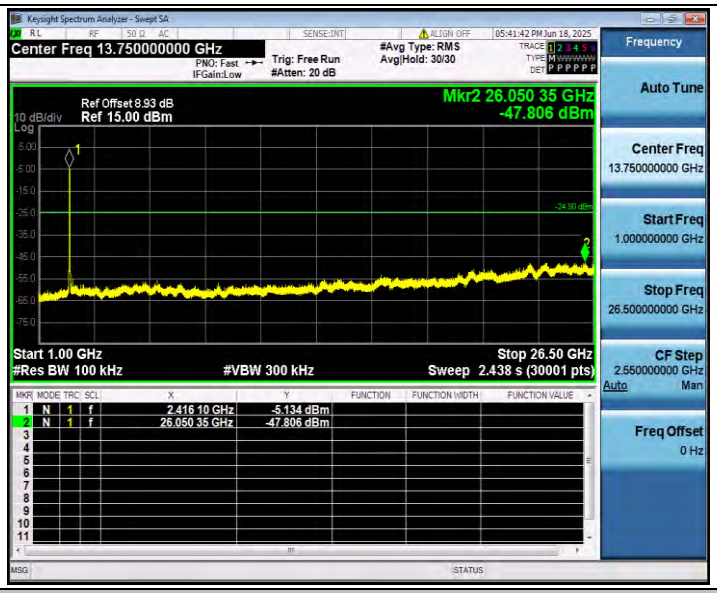
11AX20SISO_Ant2_2462_30~1000



11AX20SISO_Ant2_2462_1000~26500

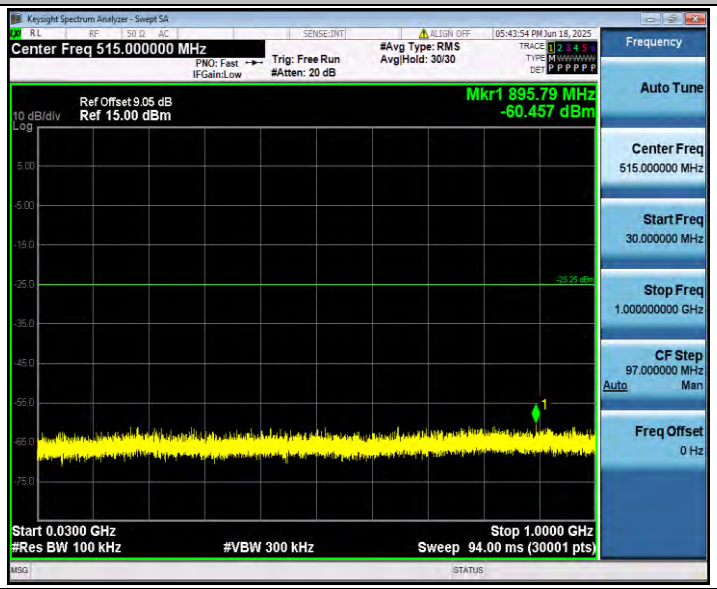
11AX40SISO_Ant2_2422_0~Reference

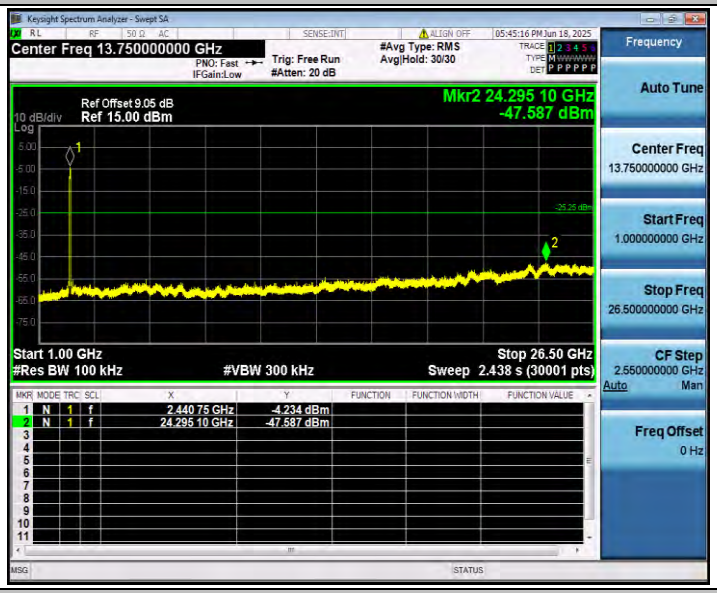
11AX40SISO_Ant2_2422_30~1000

11AX40SISO_Ant2_2422_1000~26500



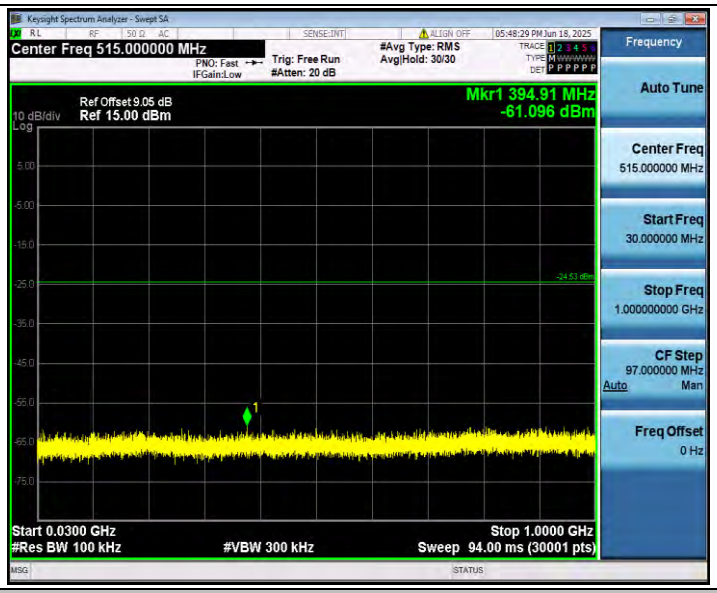
11AX40SISO_Ant2_2437_0~Reference

11AX40SISO_Ant2_2437_30~1000

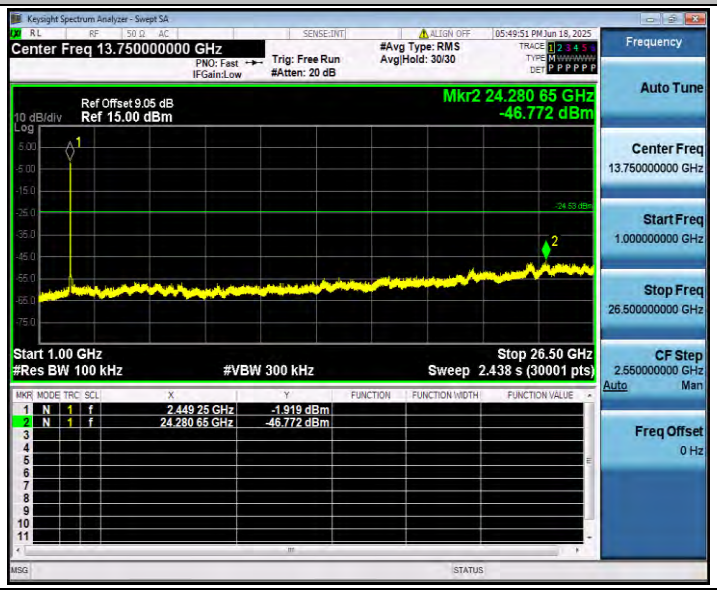


11AX40SISO_Ant2_2437_1000~26500

11AX40SISO_Ant2_2452_0~Reference

11AX40SISO_Ant2_2452_30~1000



11AX40SISO_Ant2_2452_1000~26500



Appendix C.7: Emissions in Restricted Bands

Test Result

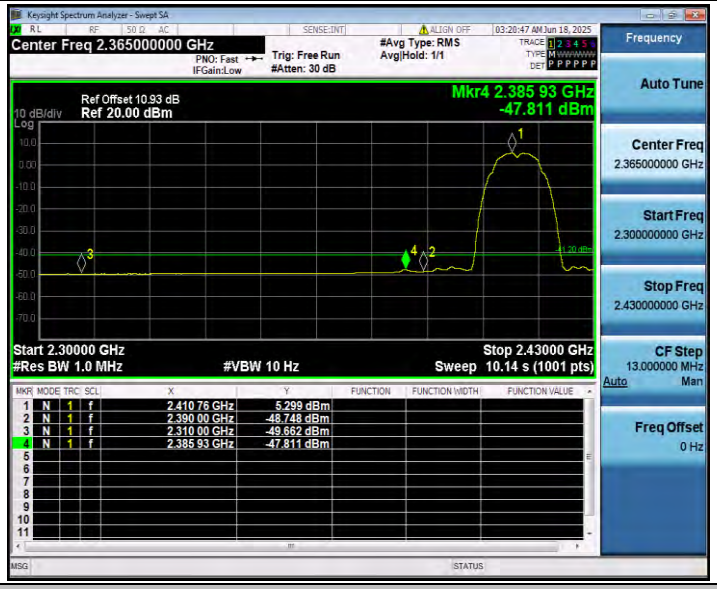
TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant2	Low	2412	AV	2310.000	-49.66	≤-41.20	45.54	≤54	PASS
				AV	2385.930	-47.81	≤-41.20	47.39	≤54	PASS
				AV	2390.000	-48.75	≤-41.20	46.45	≤54	PASS
				Peak	2310.000	-45.68	≤-21.20	49.52	≤74	PASS
				Peak	2385.800	-38.6	≤-21.20	56.60	≤74	PASS
				Peak	2390.000	-48.38	≤-21.20	46.82	≤74	PASS
		High	2462	AV	2483.500	-48.9	≤-41.20	46.30	≤54	PASS
				AV	2487.850	-48.65	≤-41.20	46.55	≤54	PASS
				AV	2500.000	-49.24	≤-41.20	45.96	≤54	PASS
				Peak	2483.500	-47.5	≤-21.20	47.70	≤74	PASS
				Peak	2486.750	-40.84	≤-21.20	54.36	≤74	PASS
				Peak	2500.000	-43.99	≤-21.20	51.21	≤74	PASS
11G	Ant2	Low	2412	AV	2310.000	-49.59	≤-41.20	45.61	≤54	PASS
				AV	2389.700	-48.74	≤-41.20	46.46	≤54	PASS
				AV	2390.000	-48.75	≤-41.20	46.45	≤54	PASS
				Peak	2310.000	-44.1	≤-21.20	51.10	≤74	PASS
				Peak	2375.530	-40.8	≤-21.20	54.40	≤74	PASS
				Peak	2390.000	-42.93	≤-21.20	52.27	≤74	PASS
		High	2462	AV	2483.500	-48.58	≤-41.20	46.62	≤54	PASS
				AV	2483.560	-48.57	≤-41.20	46.63	≤54	PASS
				AV	2500.000	-48.73	≤-41.20	46.47	≤54	PASS
				Peak	2483.500	-46.21	≤-21.20	48.99	≤74	PASS
				Peak	2496.100	-40.71	≤-21.20	54.49	≤74	PASS
				Peak	2500.000	-44.51	≤-21.20	50.69	≤74	PASS
11N20SISO	Ant2	Low	2412	AV	2310.000	-49.5	≤-41.20	45.70	≤54	PASS
				AV	2389.830	-48.58	≤-41.20	46.62	≤54	PASS
				AV	2390.000	-48.59	≤-41.20	46.61	≤54	PASS
				Peak	2310.000	-44.92	≤-21.20	50.28	≤74	PASS
				Peak	2310.140	-39.13	≤-21.20	56.07	≤74	PASS
				Peak	2390.000	-45.48	≤-21.20	49.72	≤74	PASS
		High	2462	AV	2483.500	-48.29	≤-41.20	46.91	≤54	PASS
				AV	2483.560	-48.28	≤-41.20	46.92	≤54	PASS
				AV	2500.000	-48.69	≤-41.20	46.51	≤54	PASS
				Peak	2483.500	-40.15	≤-21.20	55.05	≤74	PASS
				Peak	2495.110	-41.19	≤-21.20	54.01	≤74	PASS
				Peak	2500.000	-51.07	≤-21.20	44.13	≤74	PASS

11N40SISO	Ant2	Low	2422	AV	2310.000	-49.46	≤-41.20	45.74	≤54	PASS
				AV	2389.700	-45.27	≤-41.20	49.93	≤54	PASS
				AV	2390.000	-45.42	≤-41.20	49.78	≤54	PASS
				Peak	2310.000	-47.97	≤-21.20	47.23	≤74	PASS
				Peak	2387.750	-36.9	≤-21.20	58.30	≤74	PASS
				Peak	2390.000	-44.91	≤-21.20	50.29	≤74	PASS
		High	2452	AV	2483.500	-46.66	≤-41.20	48.54	≤54	PASS
				AV	2483.560	-46.68	≤-41.20	48.52	≤54	PASS
				AV	2500.000	-48.38	≤-41.20	46.82	≤54	PASS
				Peak	2483.500	-45.7	≤-21.20	49.50	≤74	PASS
				Peak	2494.560	-39.82	≤-21.20	55.38	≤74	PASS
				Peak	2500.000	-42.65	≤-21.20	52.55	≤74	PASS
11AX20SISO	Ant2	Low	2412	AV	2310.000	-49.41	≤-41.20	45.79	≤54	PASS
				AV	2389.960	-48.5	≤-41.20	46.70	≤54	PASS
				AV	2390.000	-48.5	≤-41.20	46.70	≤54	PASS
				Peak	2310.000	-45.62	≤-21.20	49.58	≤74	PASS
				Peak	2348.750	-40.34	≤-21.20	54.86	≤74	PASS
				Peak	2390.000	-45.6	≤-21.20	49.60	≤74	PASS
		High	2462	AV	2483.500	-48.22	≤-41.20	46.98	≤54	PASS
				AV	2483.890	-48.22	≤-41.20	46.98	≤54	PASS
				AV	2500.000	-48.6	≤-41.20	46.60	≤54	PASS
				Peak	2483.500	-43.81	≤-21.20	51.39	≤74	PASS
				Peak	2491.700	-41.9	≤-21.20	53.30	≤74	PASS
				Peak	2500.000	-48.82	≤-21.20	46.38	≤74	PASS
11AX40SISO	Ant2	Low	2422	AV	2310.000	-49.45	≤-41.20	45.75	≤54	PASS
				AV	2389.960	-45.8	≤-41.20	49.40	≤54	PASS
				AV	2390.000	-45.8	≤-41.20	49.40	≤54	PASS
				Peak	2310.000	-43.63	≤-21.20	51.57	≤74	PASS
				Peak	2330.940	-39.02	≤-21.20	56.18	≤74	PASS
				Peak	2390.000	-42.19	≤-21.20	53.01	≤74	PASS
		High	2452	AV	2483.500	-47.39	≤-41.20	47.81	≤54	PASS
				AV	2483.560	-47.43	≤-41.20	47.77	≤54	PASS
				AV	2500.000	-48.4	≤-41.20	46.80	≤54	PASS
				Peak	2483.500	-42.98	≤-21.20	52.22	≤74	PASS
				Peak	2498.850	-40.33	≤-21.20	54.87	≤74	PASS
				Peak	2500.000	-42.72	≤-21.20	52.48	≤74	PASS

Note：

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

11B_Ant2_Low_2412_AV

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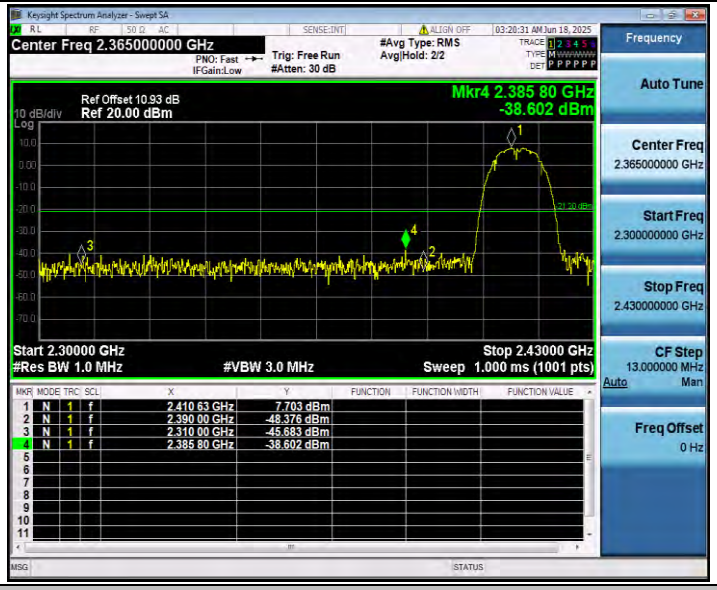
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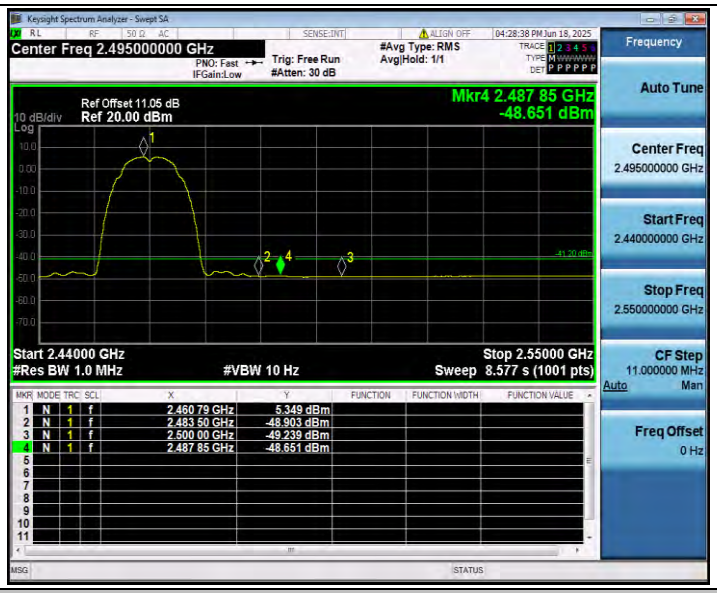

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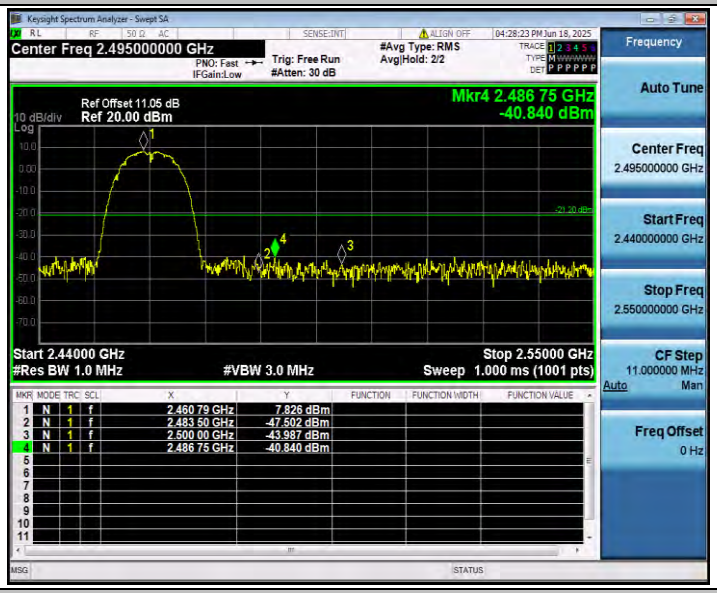

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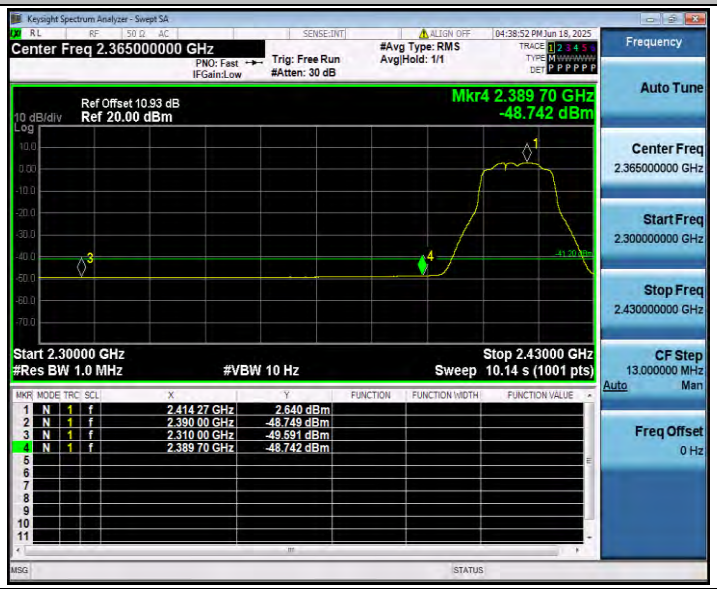

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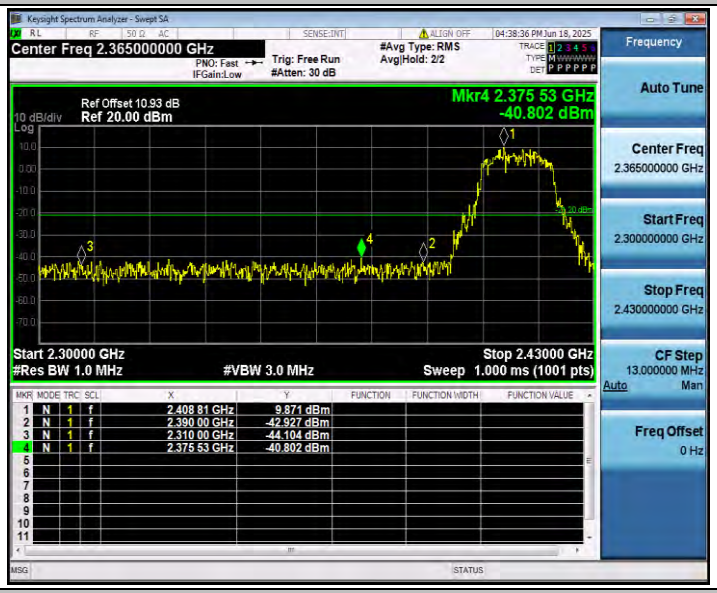
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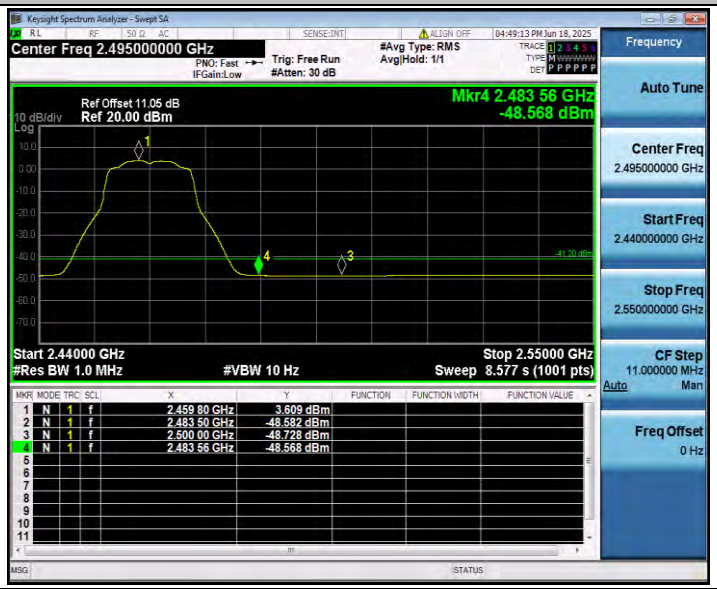
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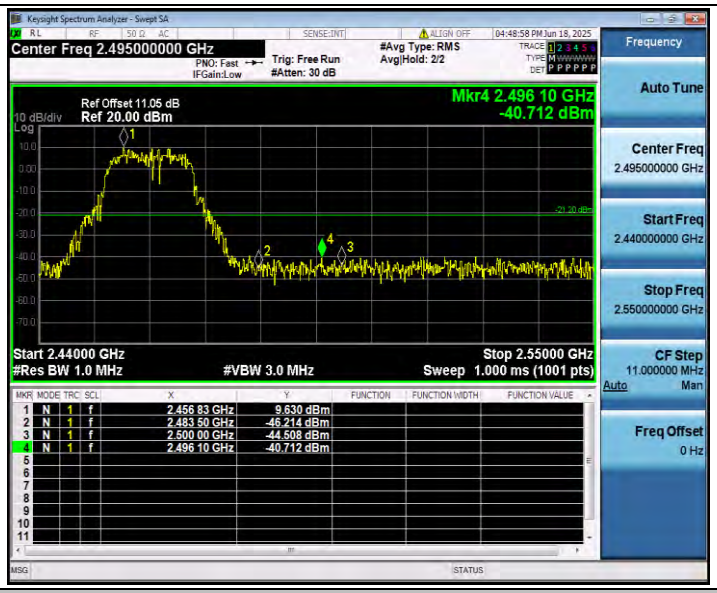

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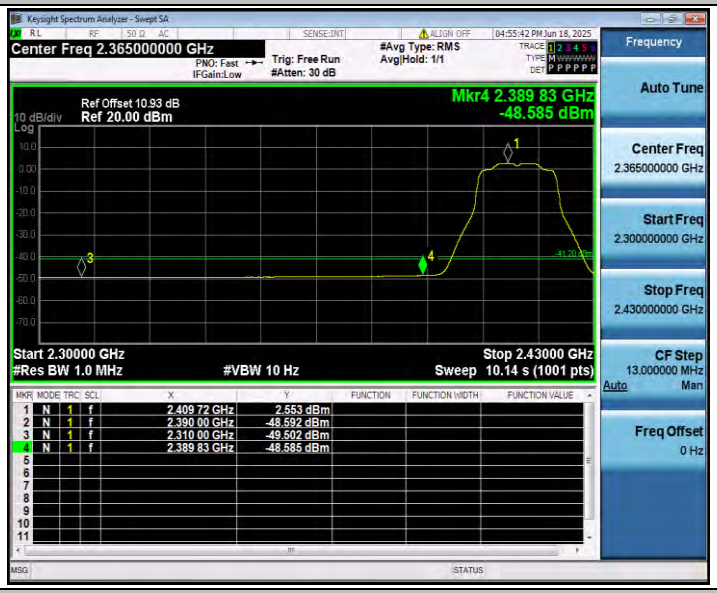

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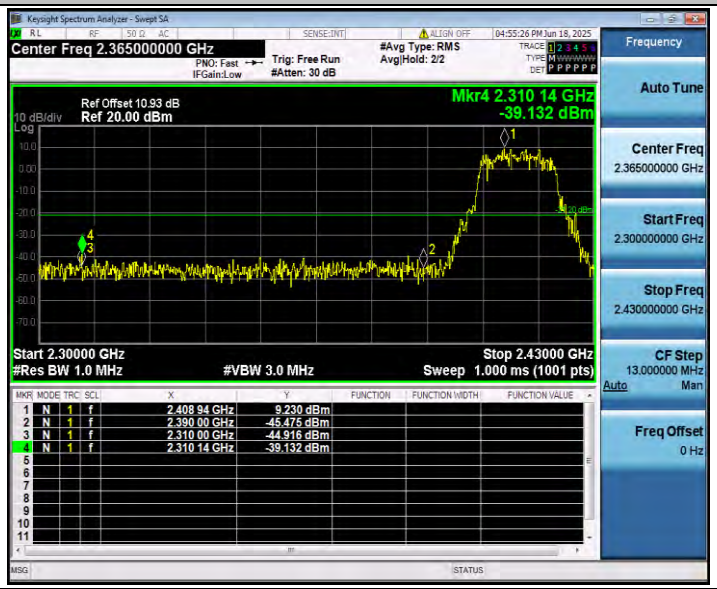

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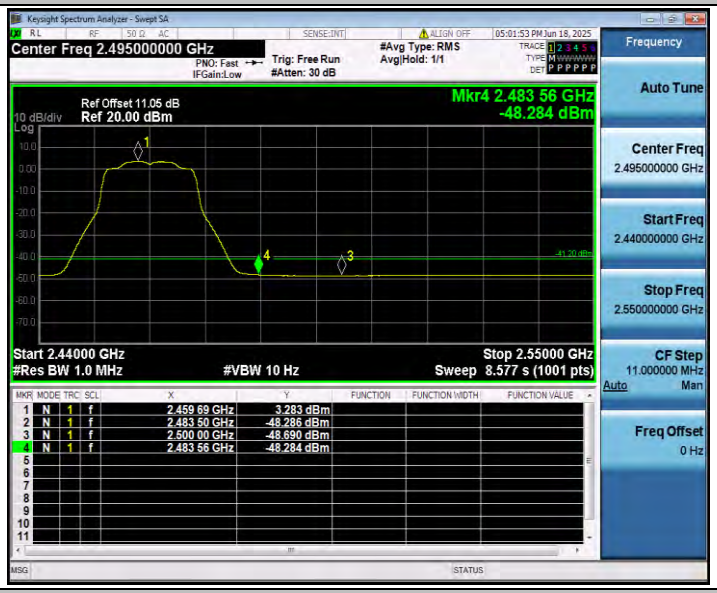
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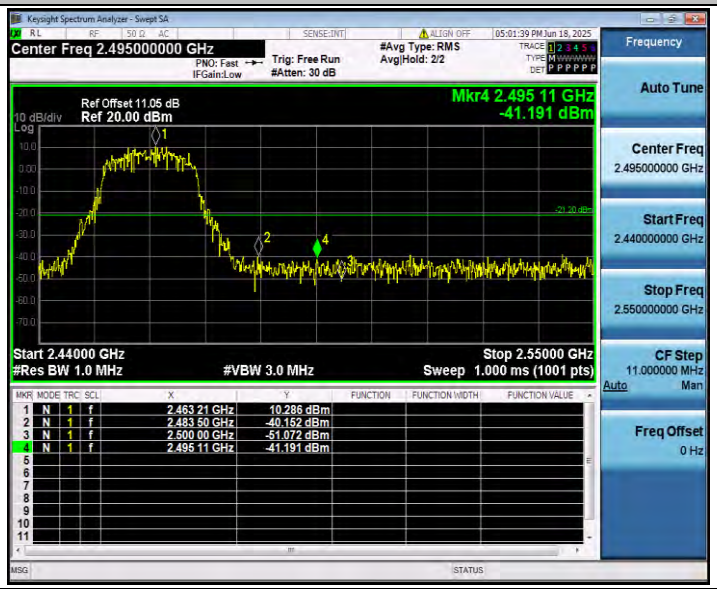
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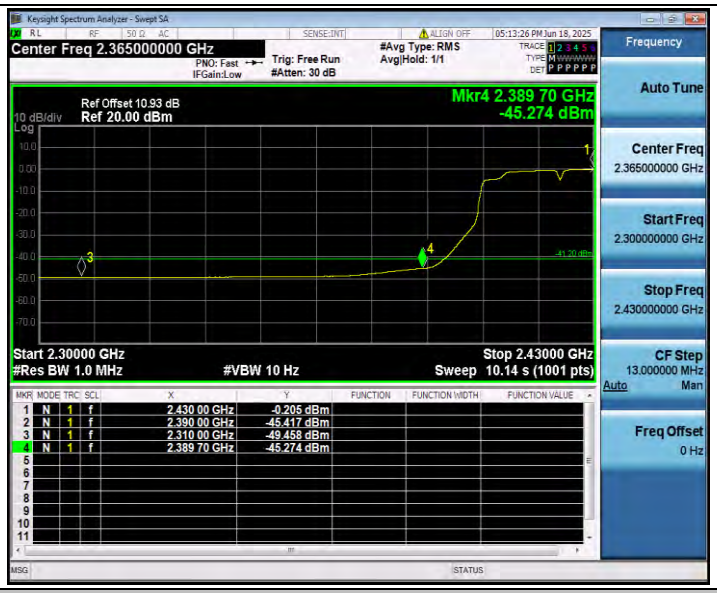

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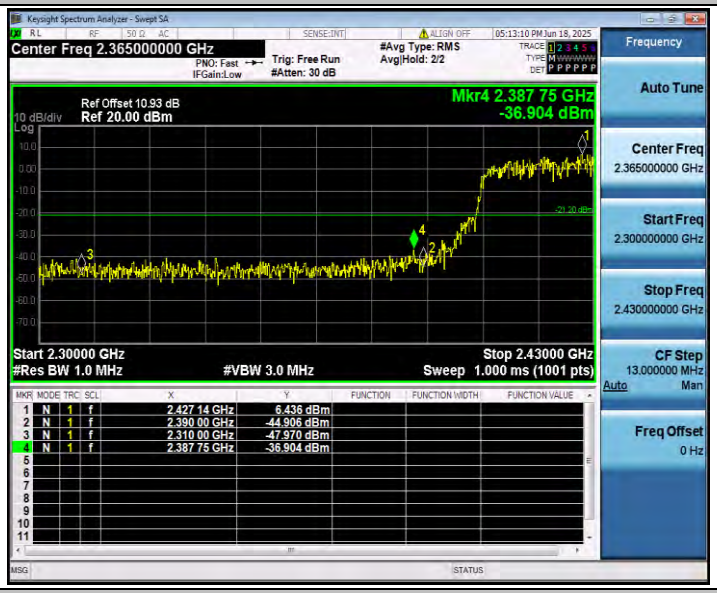

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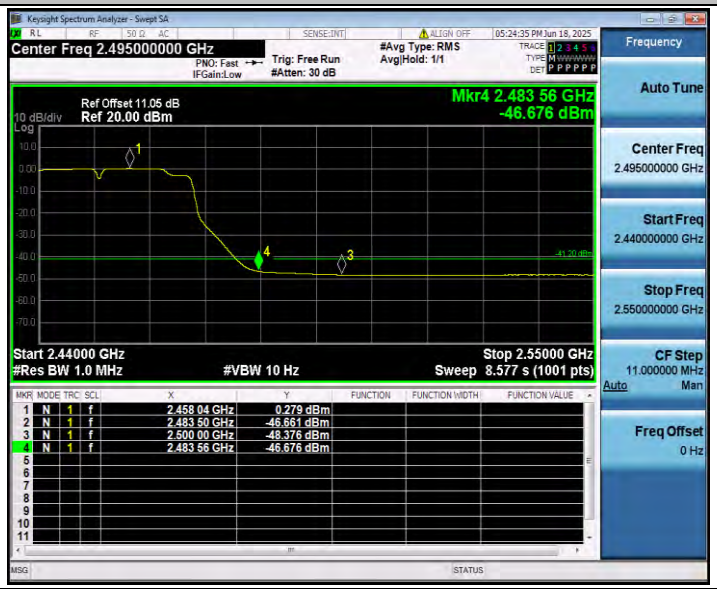

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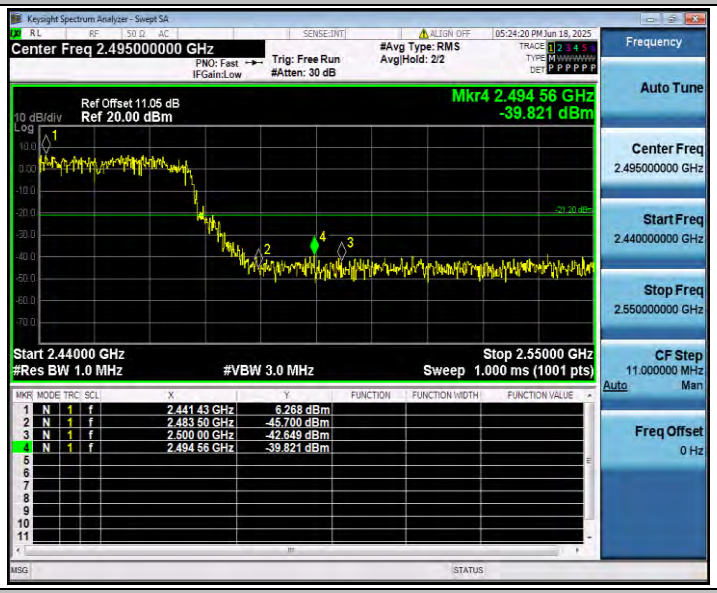
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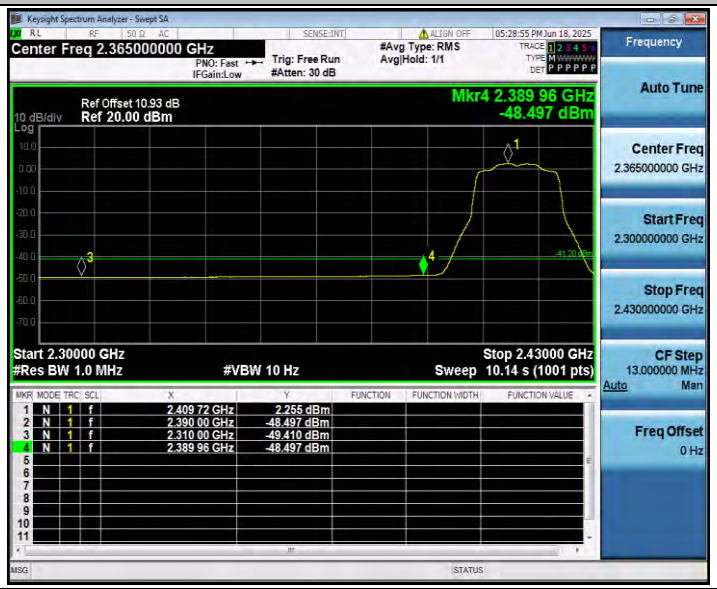
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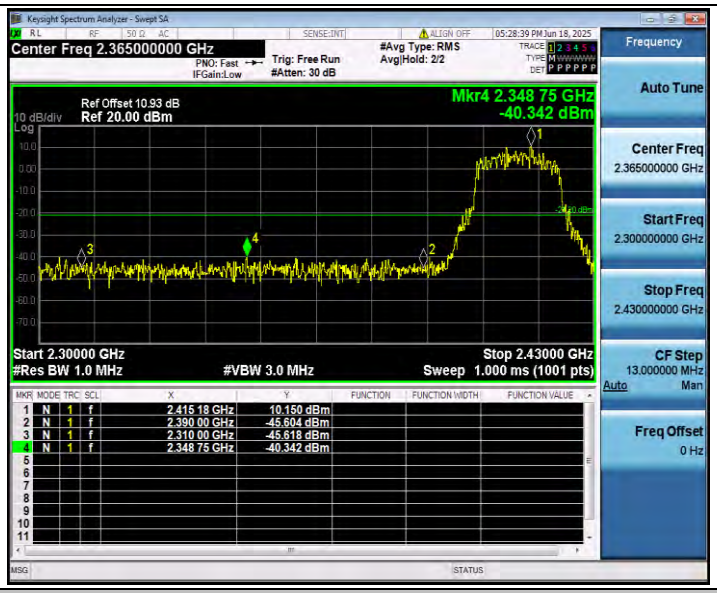

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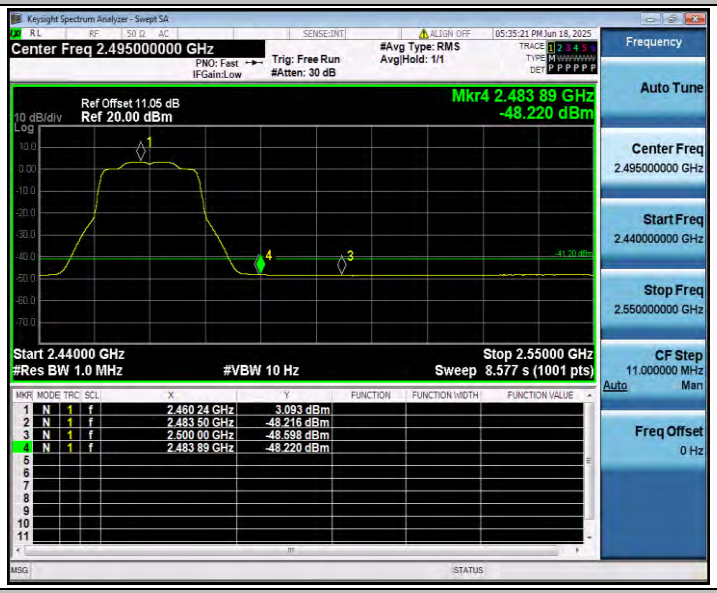

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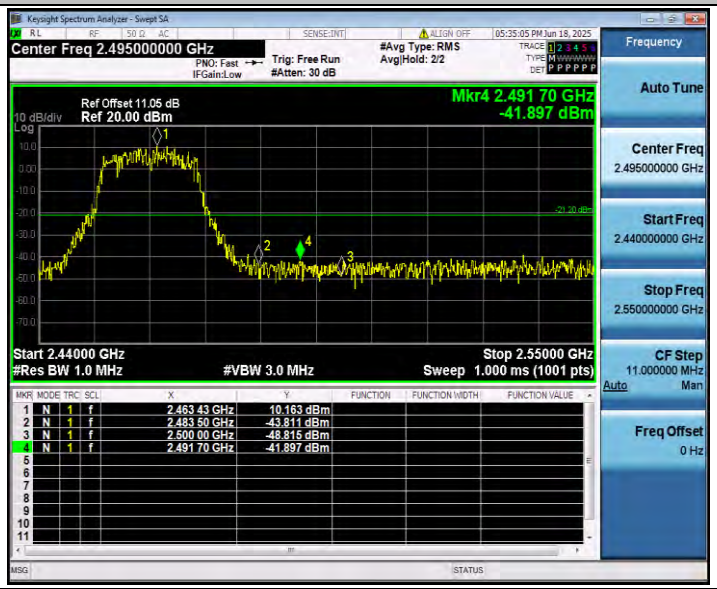

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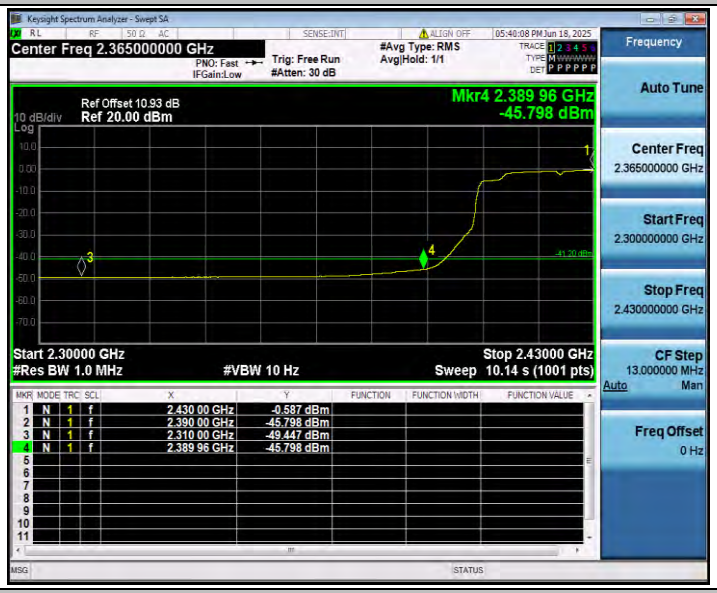
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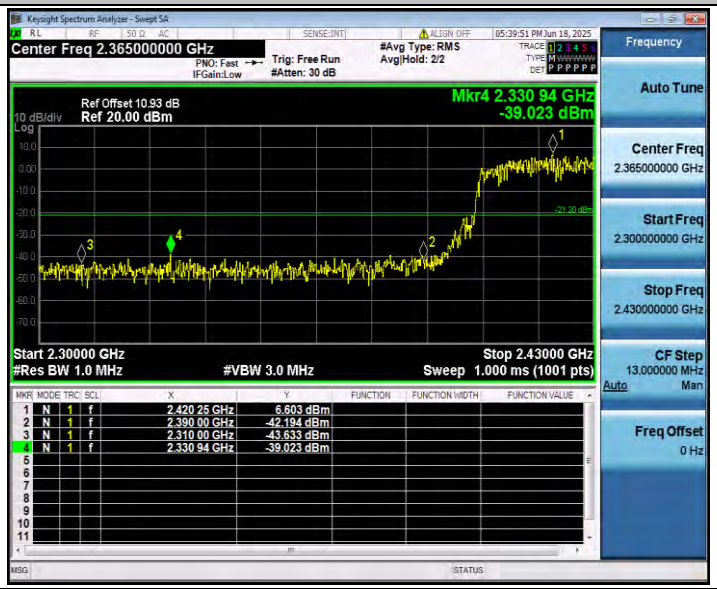
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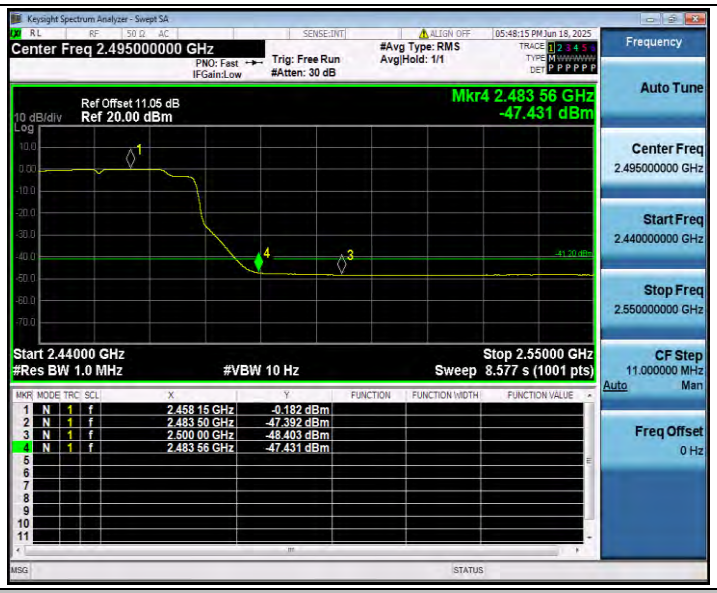

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