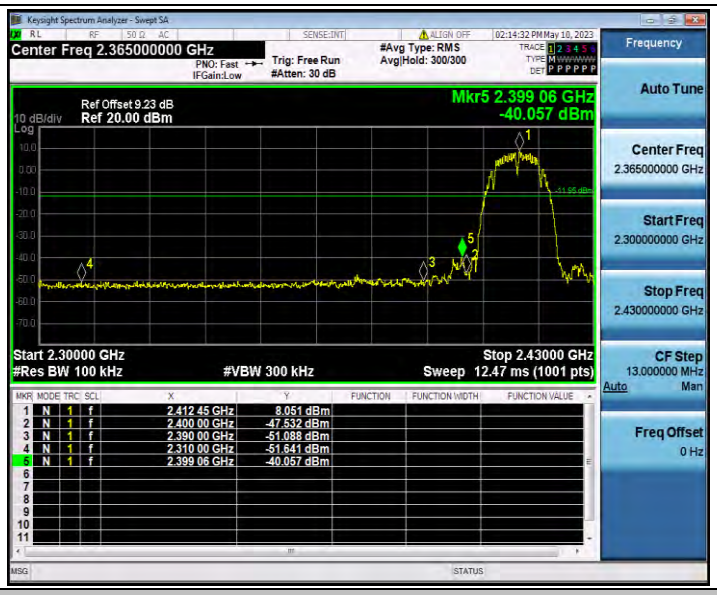
Appendix C.5: Band edge measurements

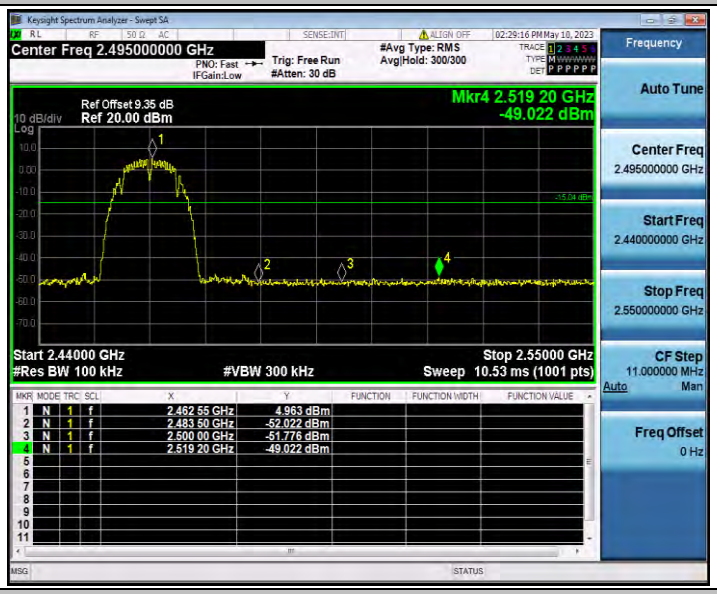
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.05	-40.06	≤-11.95	PASS
		High	2462	4.96	-49.02	≤-15.04	PASS
11G	Ant1	Low	2412	3.68	-27.97	≤-16.32	PASS
		High	2462	3.79	-48.98	≤-16.21	PASS
11N20SISO	Ant1	Low	2412	3.58	-27.08	≤-16.43	PASS
		High	2462	4.54	-48.99	≤-15.47	PASS
11N40SISO	Ant1	Low	2422	0.41	-27.34	≤-19.59	PASS
		High	2452	1.17	-47.91	≤-18.84	PASS
11AX20SISO	Ant1	Low	2412	3.22	-27.82	≤-16.78	PASS
		High	2462	3.79	-48.07	≤-16.22	PASS
11AX40SISO	Ant1	Low	2422	0.12	-28.56	≤-19.88	PASS
		High	2452	0.53	-48.27	≤-19.47	PASS

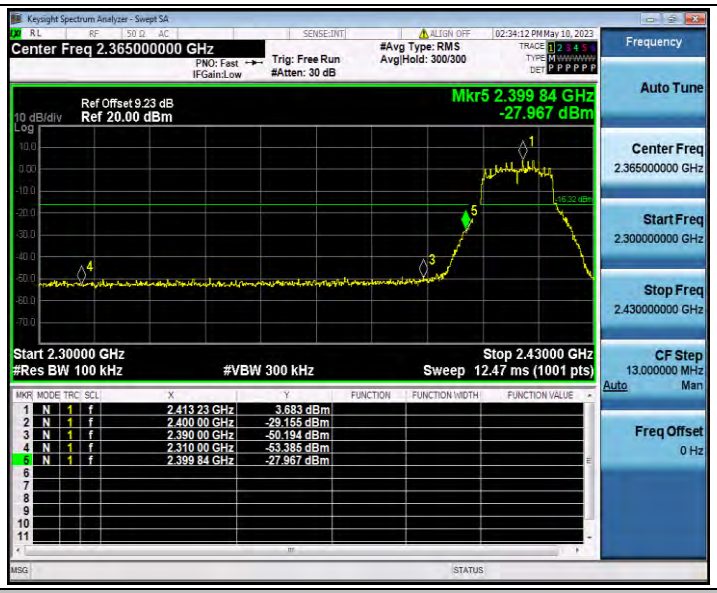
Test Graphs



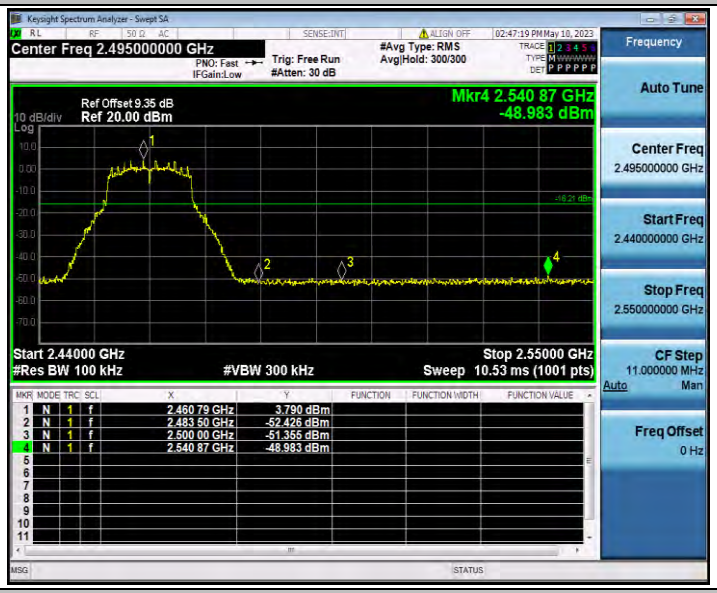
11B_Ant1_Low_2412



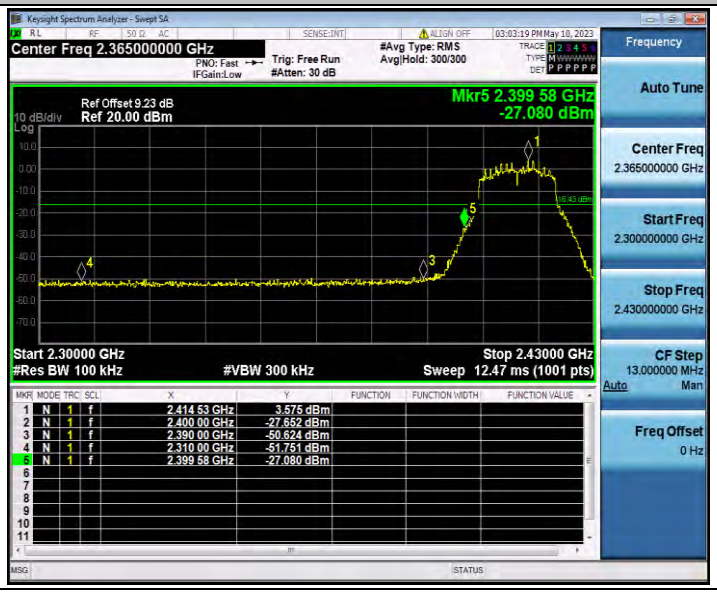
11B_Ant1_High_2462

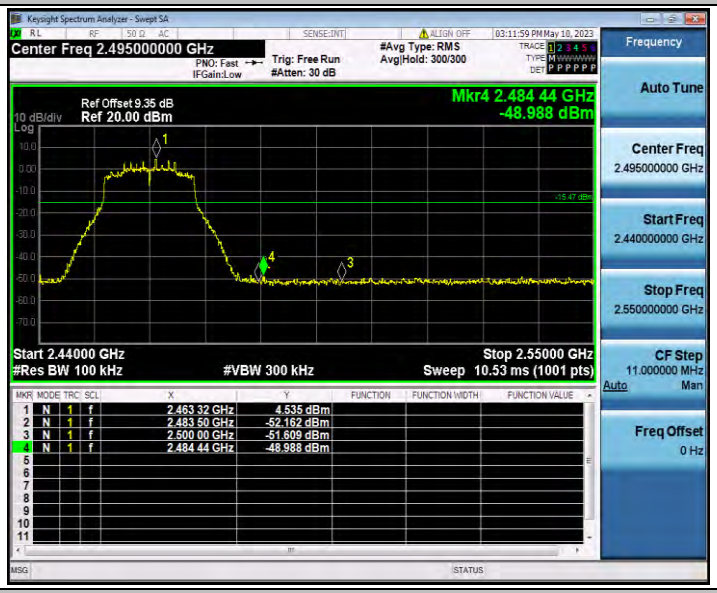


11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412


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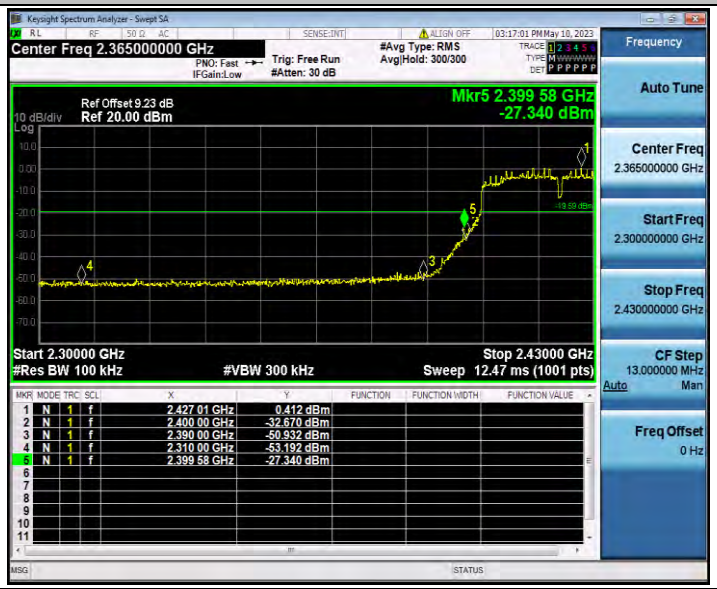
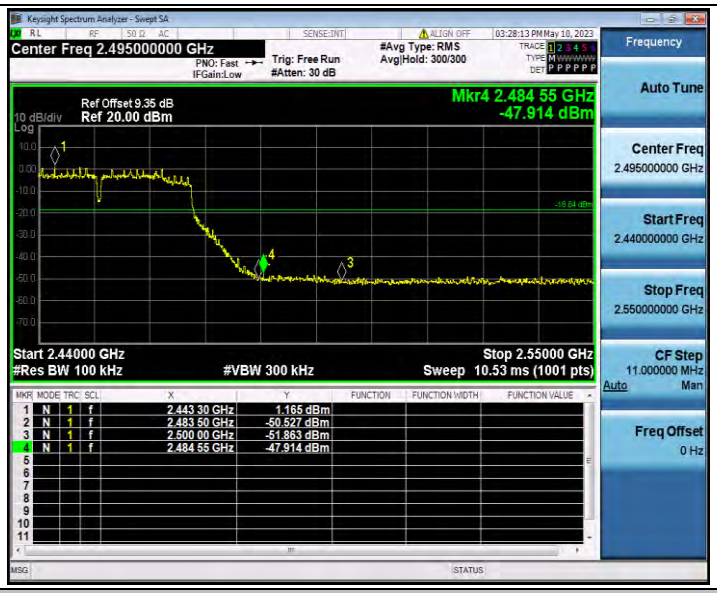
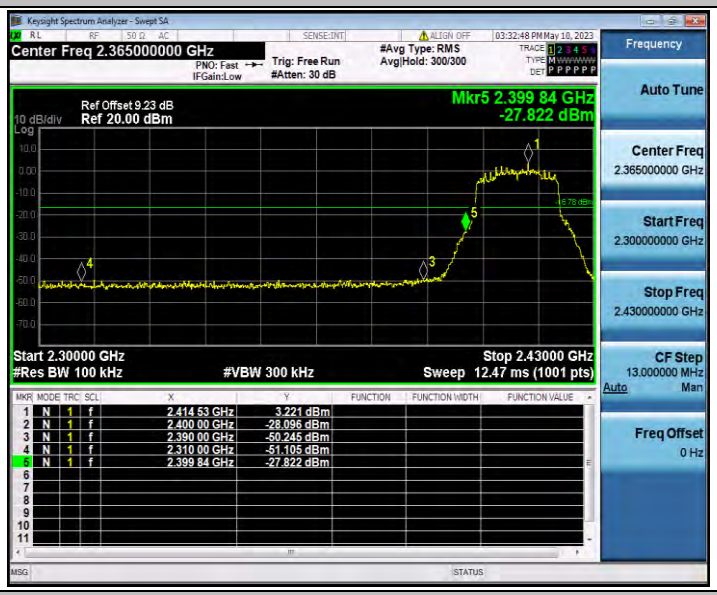


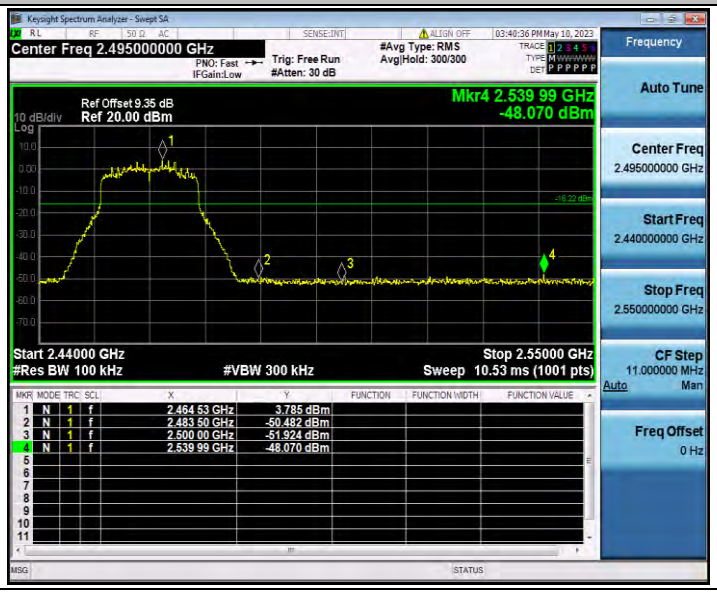
11N40SISO_Ant1_Low_2422



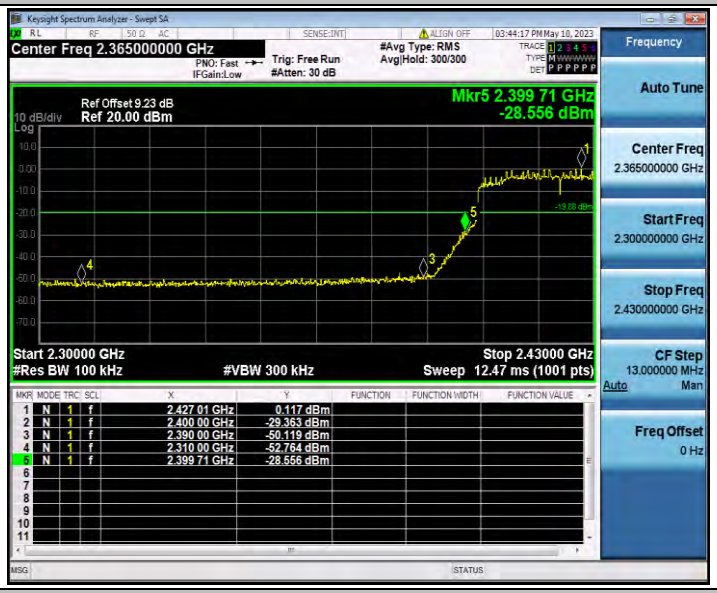
11N40SISO_Ant1_High_2452



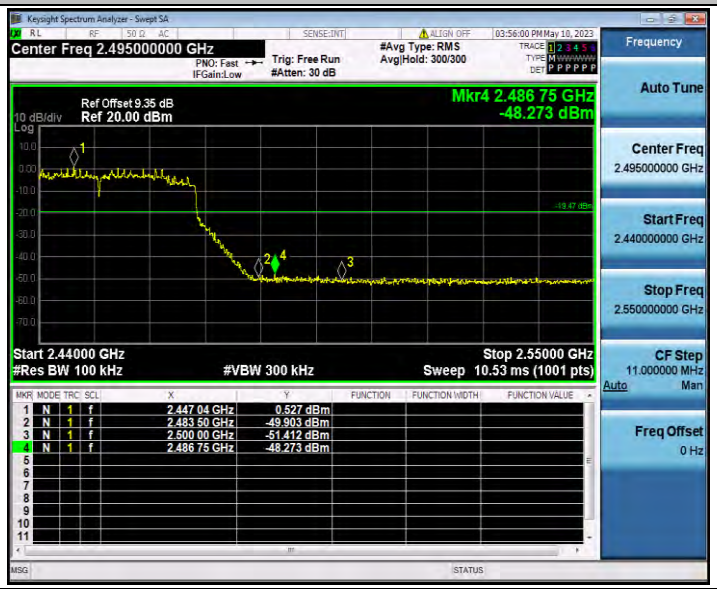
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

Appendix C.6: Conducted Spurious Emission

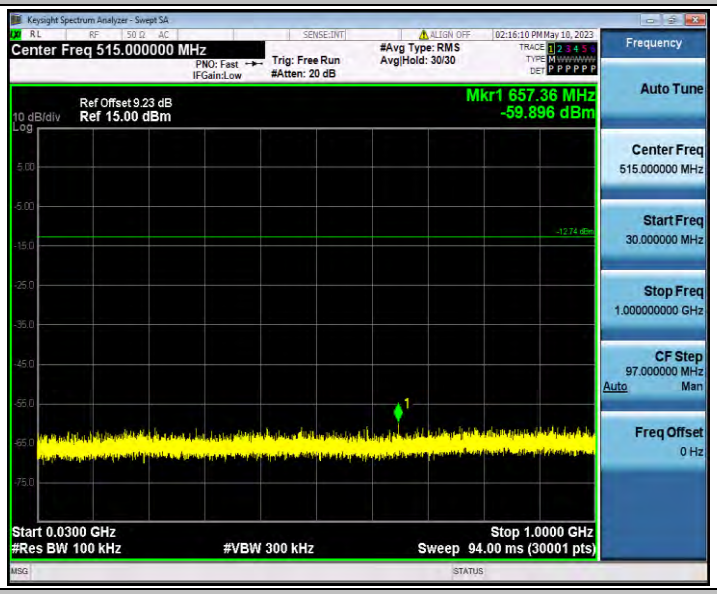
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.26	7.26	---	PASS
			30~1000	7.26	-59.9	≤-12.74	PASS
			1000~26500	7.26	-48.27	≤-12.74	PASS
		2437	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-59.96	≤-16.62	PASS
			1000~26500	3.38	-48.03	≤-16.62	PASS
		2462	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-57.85	≤-17.27	PASS
			1000~26500	2.73	-47.08	≤-17.27	PASS
11G	Ant1	2412	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-52.56	≤-20.34	PASS
			1000~26500	-0.34	-47.81	≤-20.34	PASS
		2437	Reference	0.38	0.38	---	PASS
			30~1000	0.38	-59.8	≤-19.62	PASS
			1000~26500	0.38	-47.81	≤-19.62	PASS
		2462	Reference	0.41	0.41	---	PASS
			30~1000	0.41	-60.51	≤-19.59	PASS
			1000~26500	0.41	-47.16	≤-19.59	PASS
11N20SISO	Ant1	2412	Reference	-0.23	-0.23	---	PASS
			30~1000	-0.23	-60.61	≤-20.23	PASS
			1000~26500	-0.23	-47	≤-20.23	PASS
		2437	Reference	0.11	0.11	---	PASS
			30~1000	0.11	-60.04	≤-19.89	PASS
			1000~26500	0.11	-47.78	≤-19.89	PASS
		2462	Reference	0.77	0.77	---	PASS
			30~1000	0.77	-57.65	≤-19.23	PASS
			1000~26500	0.77	-47.62	≤-19.23	PASS
11N40SISO	Ant1	2422	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-60.24	≤-20.34	PASS
			1000~26500	-0.34	-47.03	≤-20.34	PASS
		2437	Reference	0.14	0.14	---	PASS
			30~1000	0.14	-60.47	≤-19.86	PASS
			1000~26500	0.14	-47.79	≤-19.86	PASS
		2452	Reference	-0.64	-0.64	---	PASS
			30~1000	-0.64	-60.61	≤-20.64	PASS
			1000~26500	-0.64	-47.78	≤-20.64	PASS

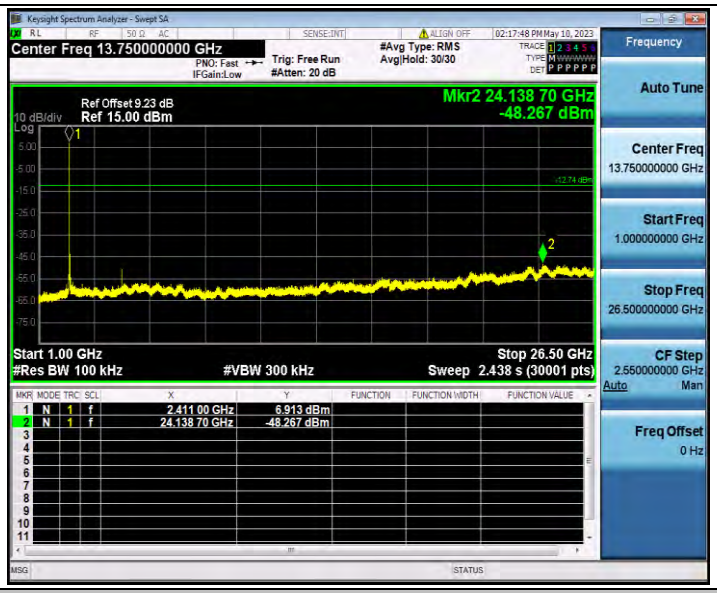
11AX20SISO	Ant1	2412	Reference	-0.16	-0.16	---	PASS
			30~1000	-0.16	-60.42	≤-20.16	PASS
			1000~26500	-0.16	-47.86	≤-20.16	PASS
		2437	Reference	0.78	0.78	---	PASS
			30~1000	0.78	-60.2	≤-19.22	PASS
			1000~26500	0.78	-46.68	≤-19.22	PASS
		2462	Reference	2.77	2.77	---	PASS
			30~1000	2.77	-59.55	≤-17.23	PASS
			1000~26500	2.77	-46.93	≤-17.23	PASS
11AX40SISO	Ant1	2422	Reference	-1.75	-1.75	---	PASS
			30~1000	-1.75	-59.88	≤-21.75	PASS
			1000~26500	-1.75	-47.49	≤-21.75	PASS
		2437	Reference	-0.28	-0.28	---	PASS
			30~1000	-0.28	-59.51	≤-20.28	PASS
			1000~26500	-0.28	-47.72	≤-20.28	PASS
		2452	Reference	-3.29	-3.29	---	PASS
			30~1000	-3.29	-60.86	≤-23.29	PASS
			1000~26500	-3.29	-47.01	≤-23.29	PASS

Test Graphs

11B_Ant1_2412_0~Reference

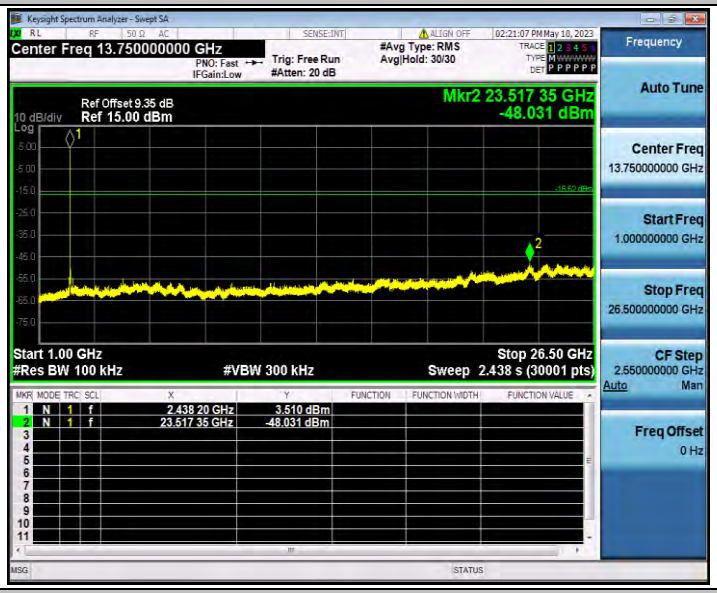


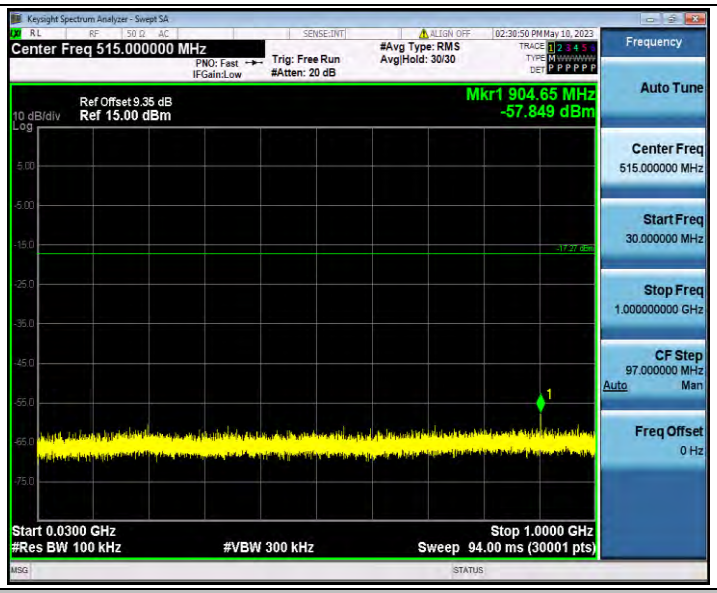
11B_Ant1_2412_30~1000



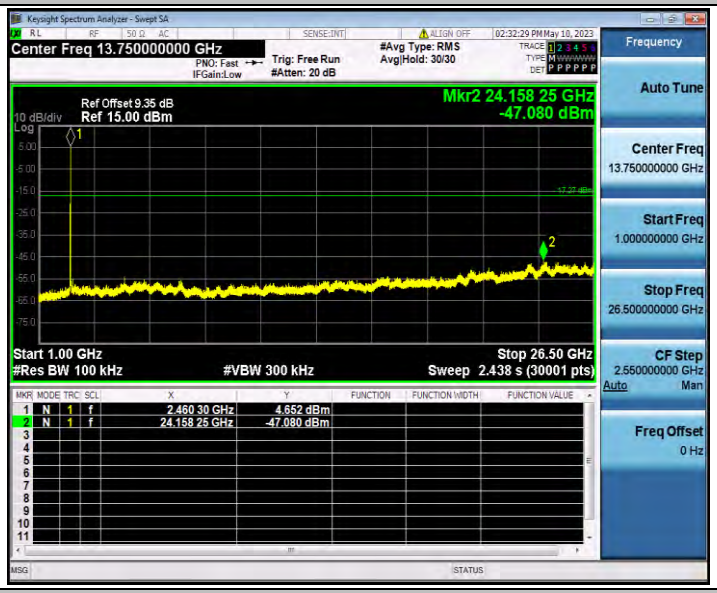
11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference

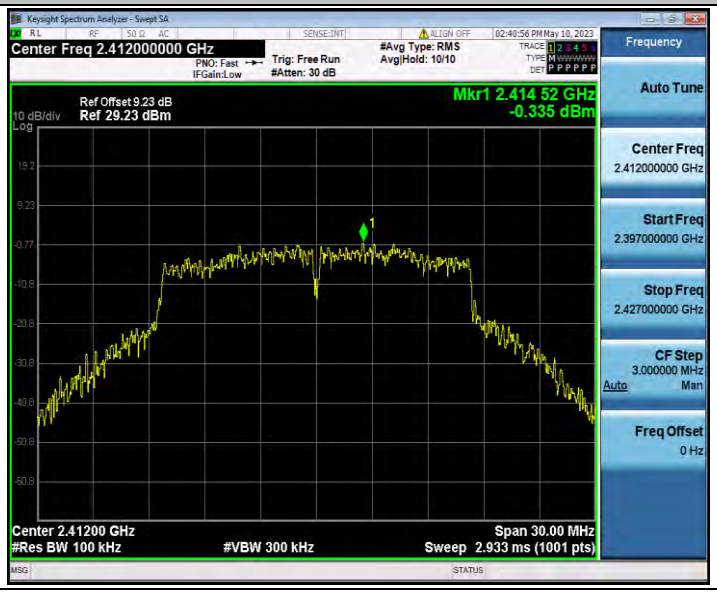
11B_Ant1_2437_30~1000

11B_Ant1_2437_1000~26500
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

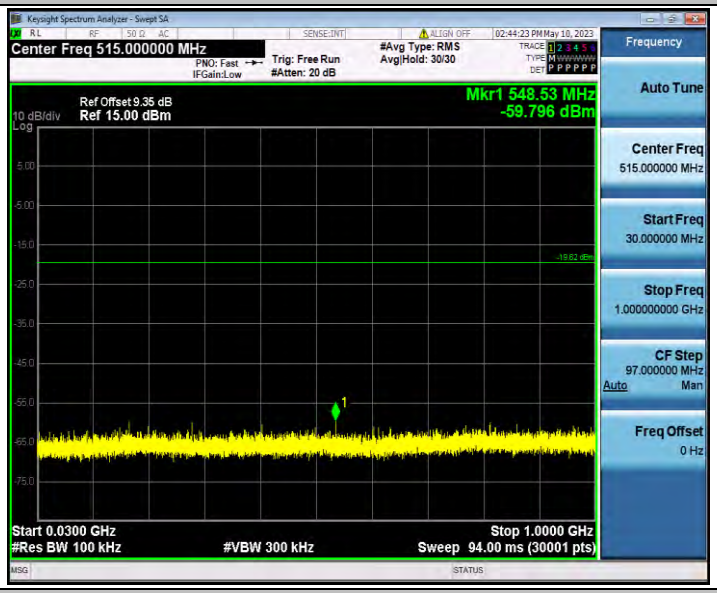


11G_Ant1_2412_0~Reference

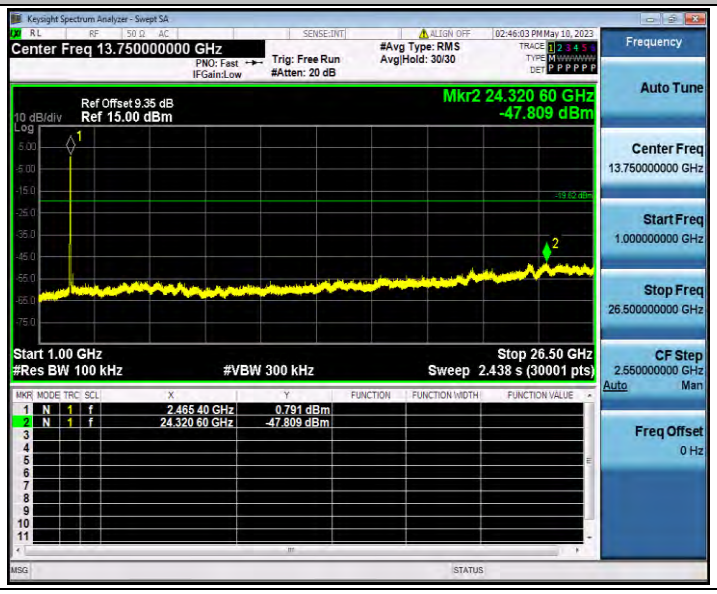
11G_Ant1_2412_30~1000

11G_Ant1_2412_1000~26500

11G_Ant1_2437_0~Reference

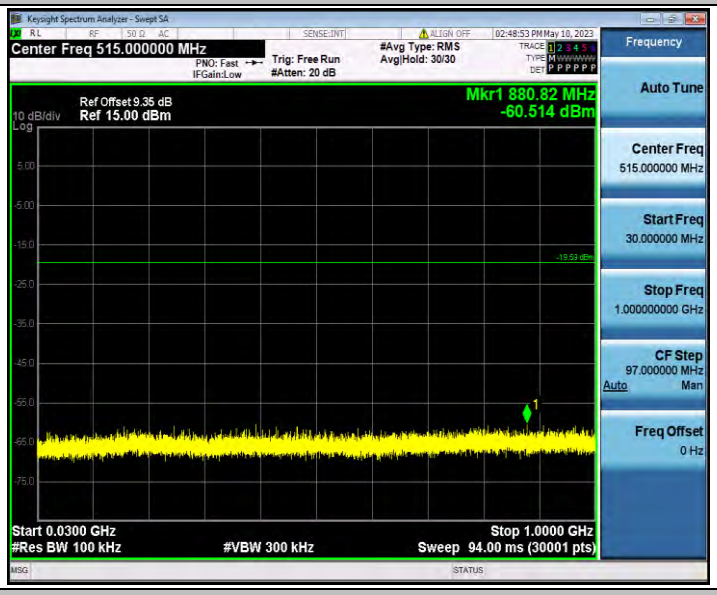


11G_Ant1_2437_30~1000

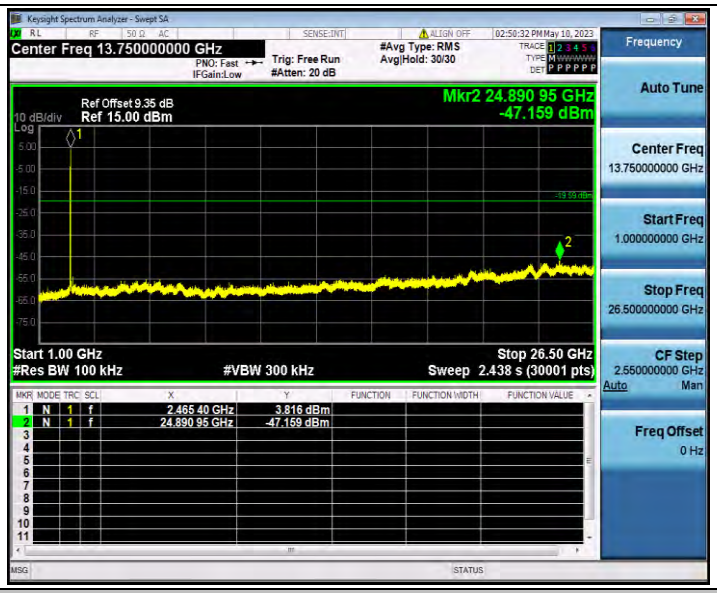


11G_Ant1_2437_1000~26500

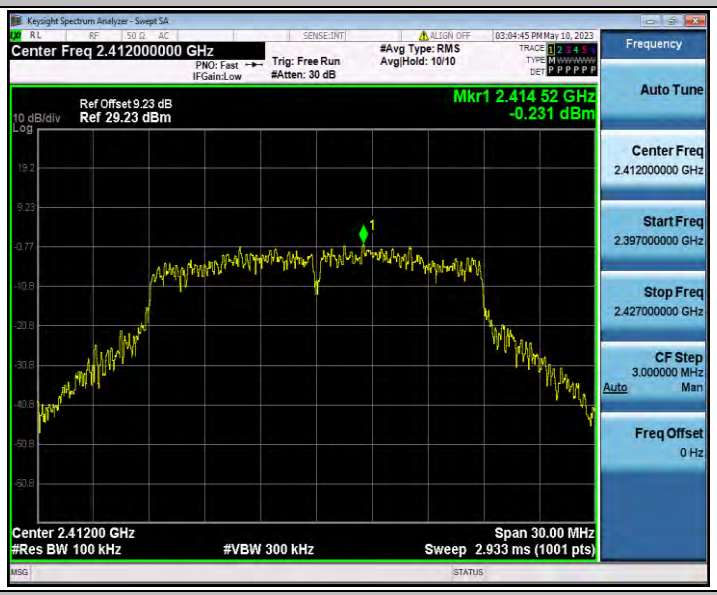
11G_Ant1_2462_0~Reference



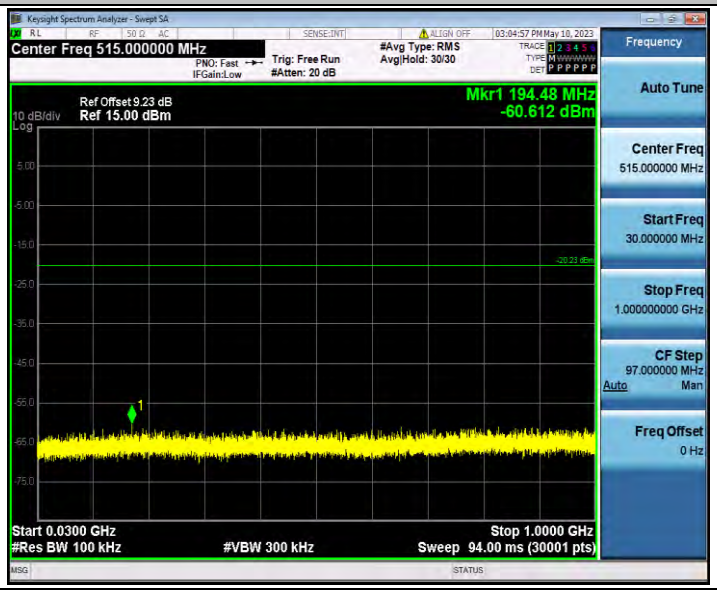
11G_Ant1_2462_30~1000



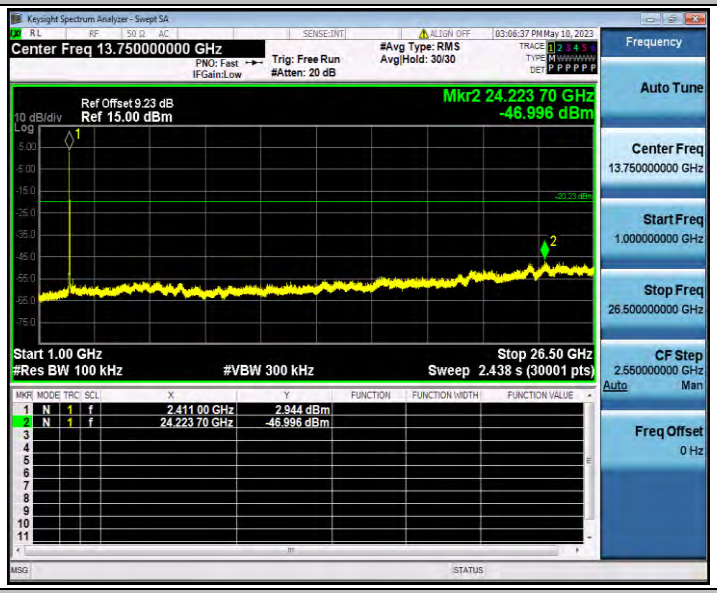
11G_Ant1_2462_1000~26500



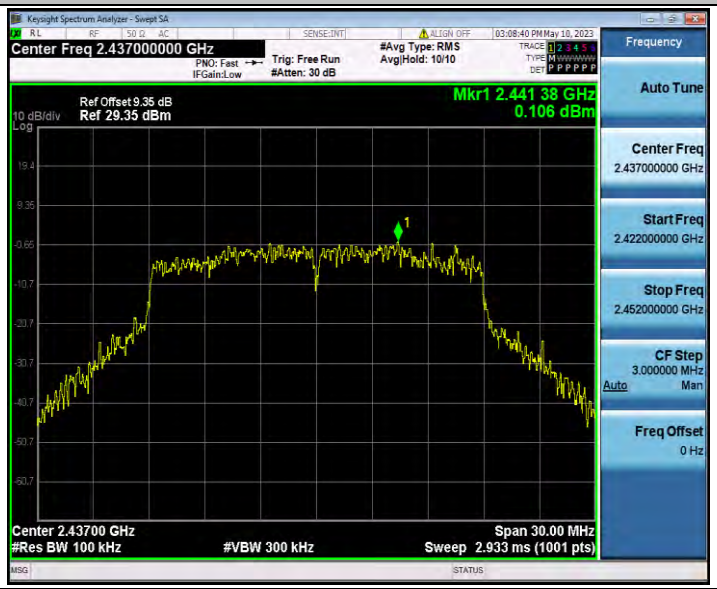
11N20SISO_Ant1_2412_0~Reference



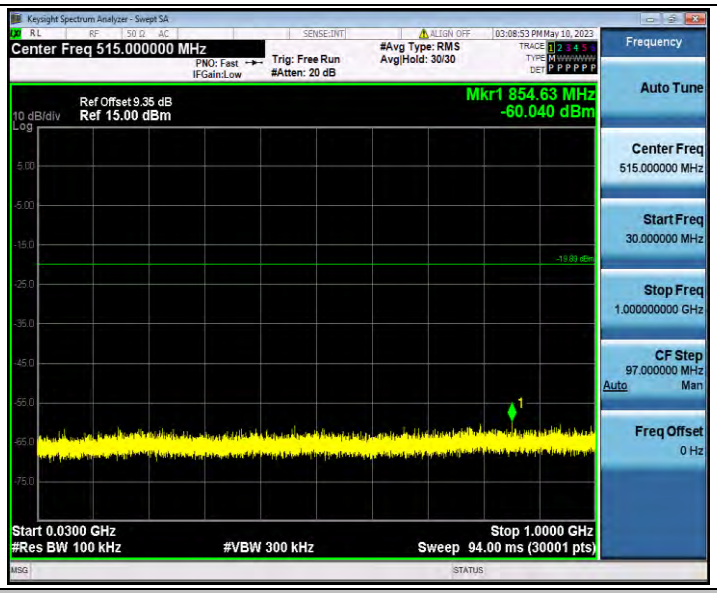
11N20SISO_Ant1_2412_30~1000



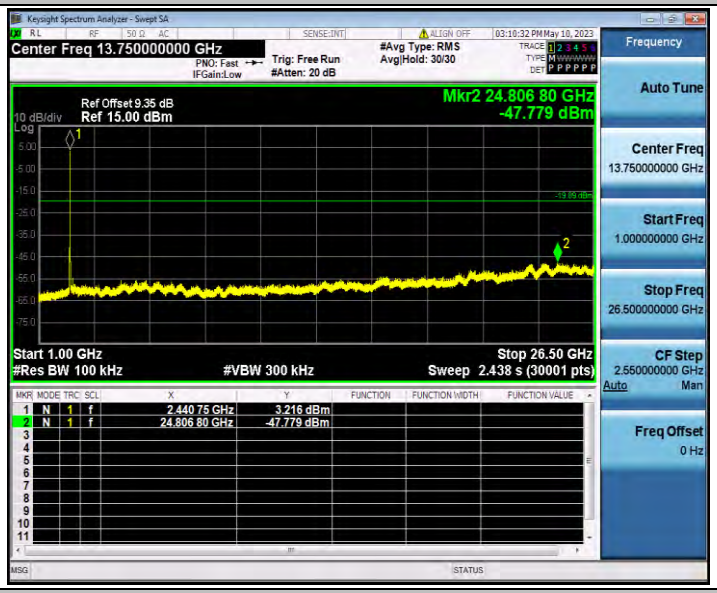
11N20SISO_Ant1_2412_1000~26500



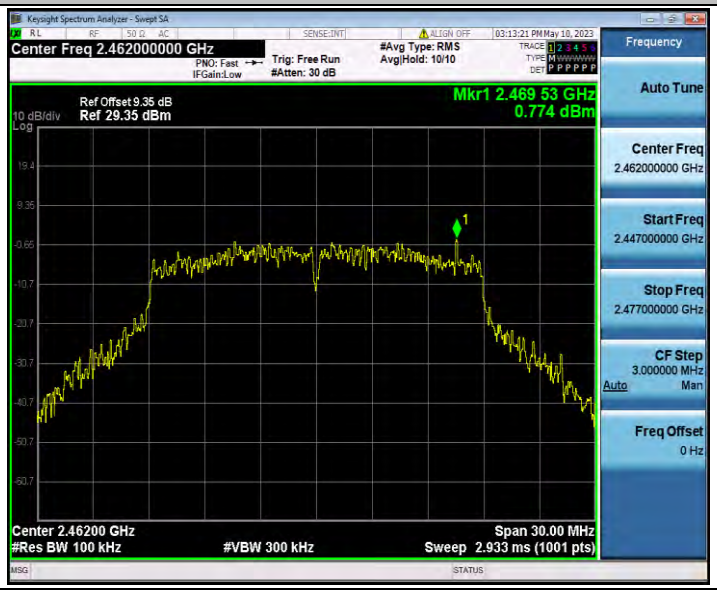
11N20SISO_Ant1_2437_0~Reference



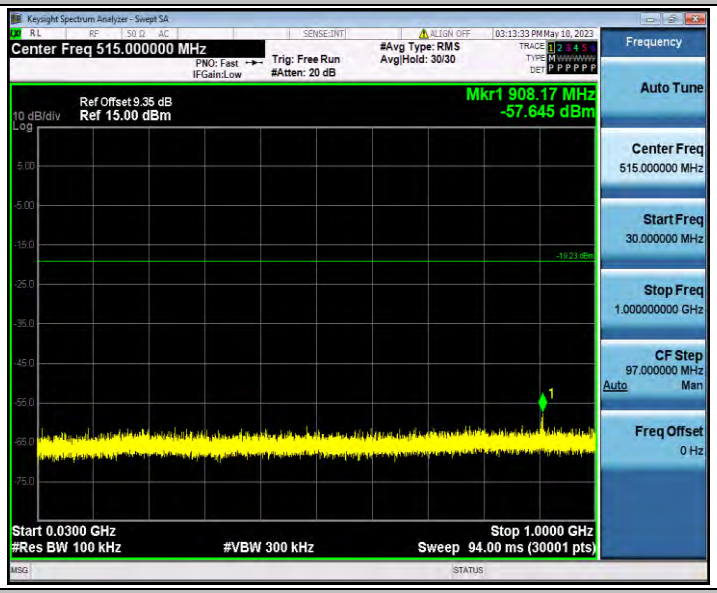
11N20SISO_Ant1_2437_30~1000



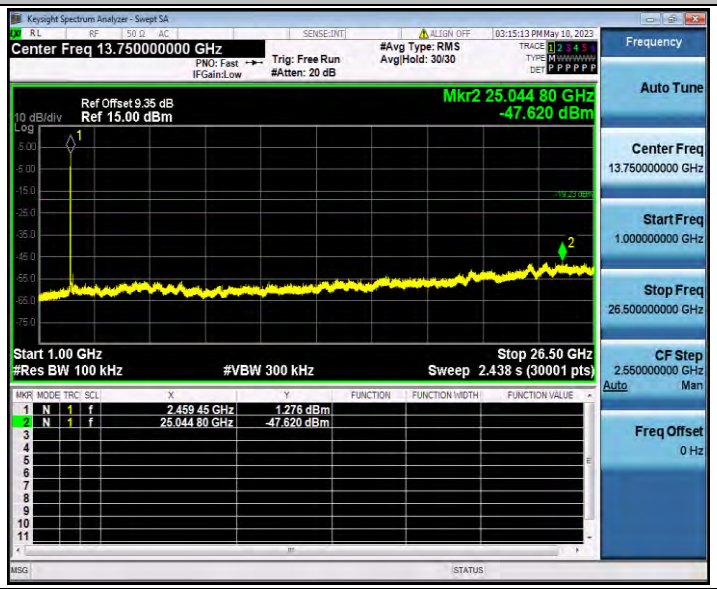
11N20SISO_Ant1_2437_1000~26500



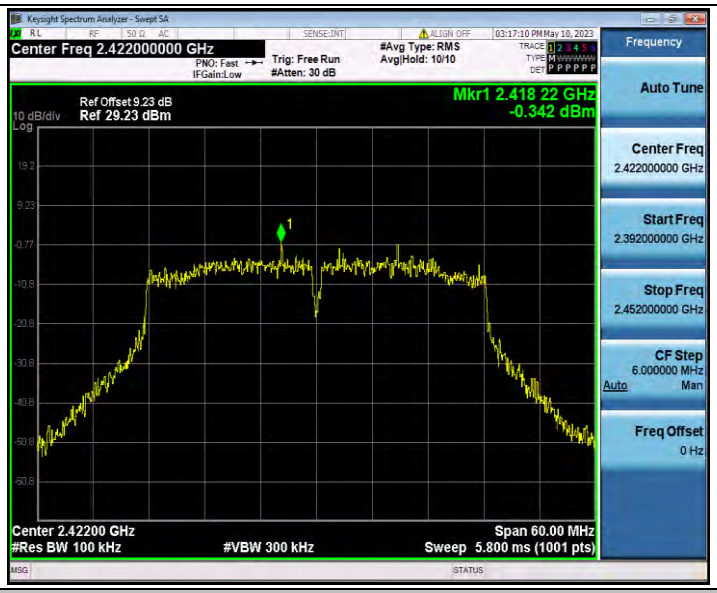
11N20SISO_Ant1_2462_0~Reference



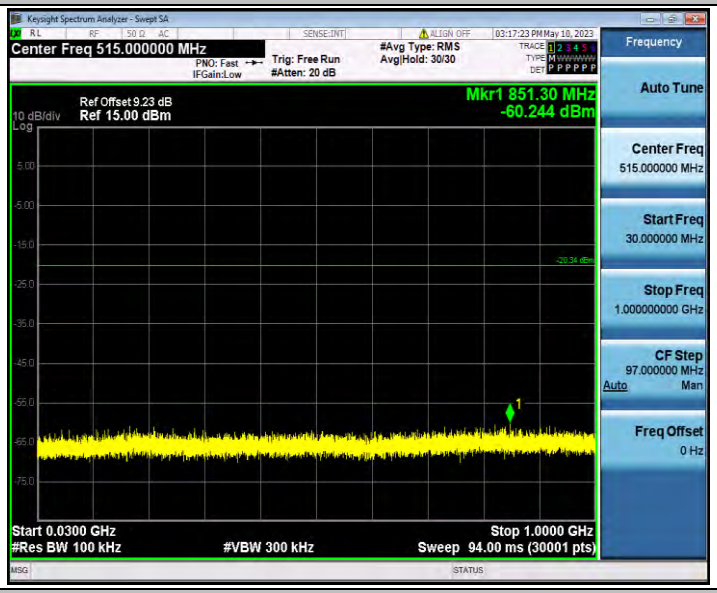
11N20SISO_Ant1_2462_30~1000



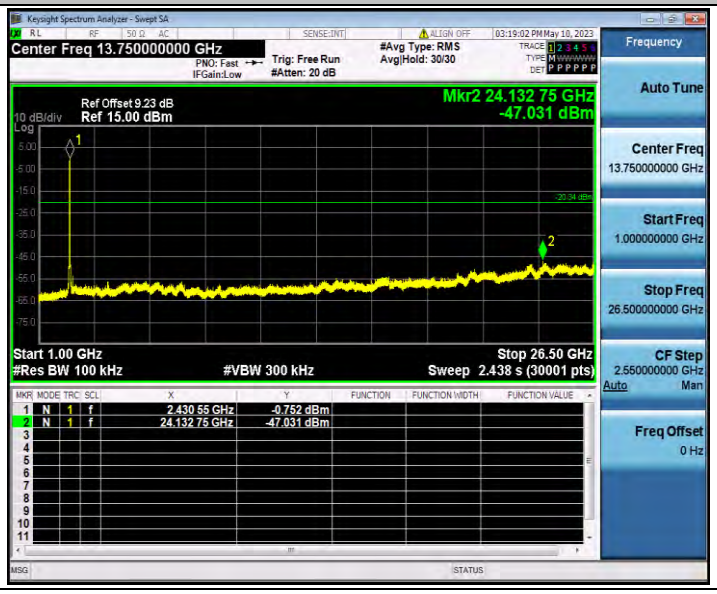
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference

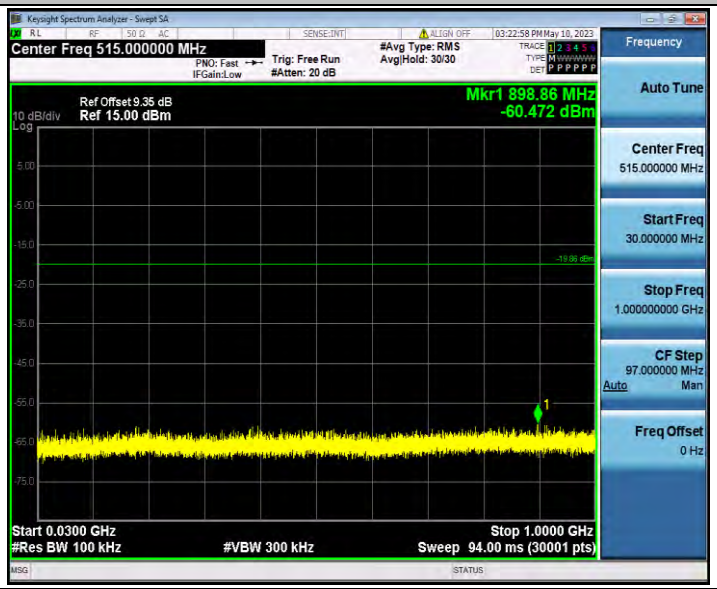


11N40SISO_Ant1_2422_30~1000

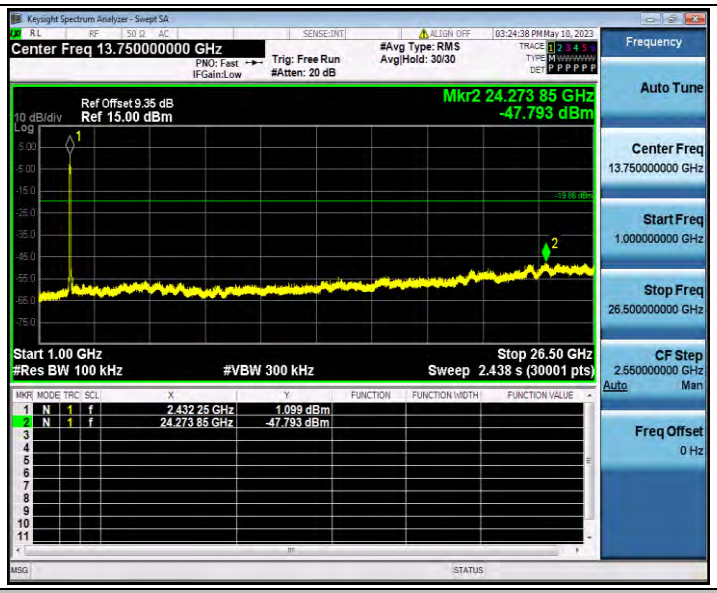


11N40SISO_Ant1_2422_1000~26500

11N40SISO_Ant1_2437_0~Reference

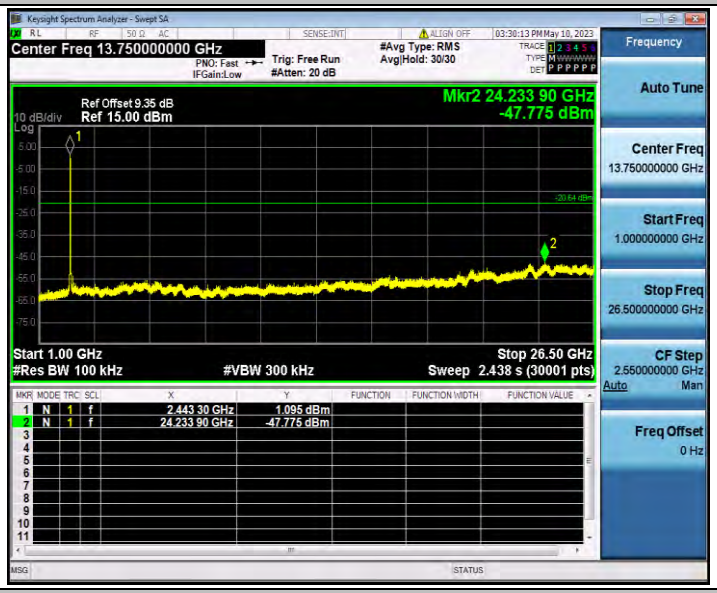


11N40SISO_Ant1_2437_30~1000



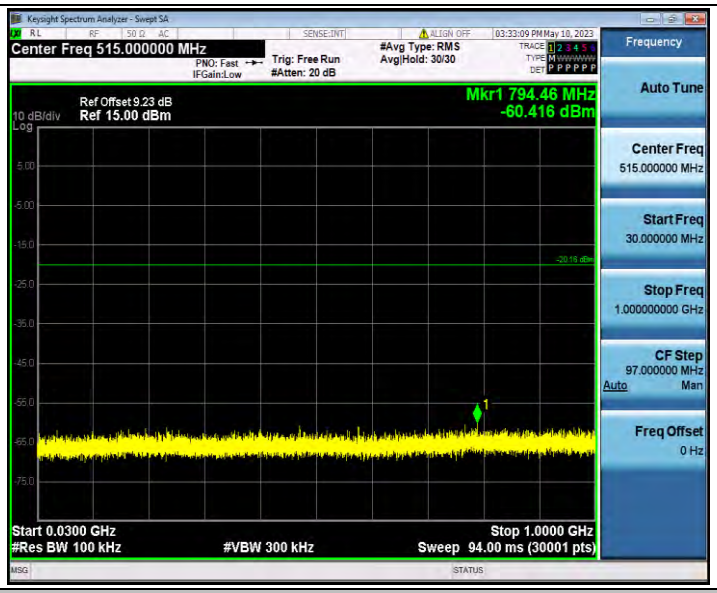
11N40SISO_Ant1_2437_1000~26500

11N40SISO_Ant1_2452_0~Reference

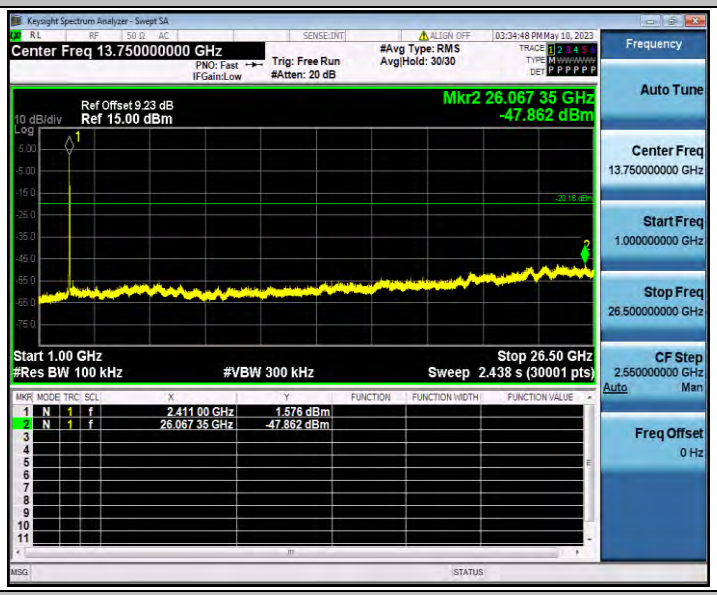
11N40SISO_Ant1_2452_30~1000


11N40SISO_Ant1_2452_1000~26500

11AX20SISO_Ant1_2412_0~Reference

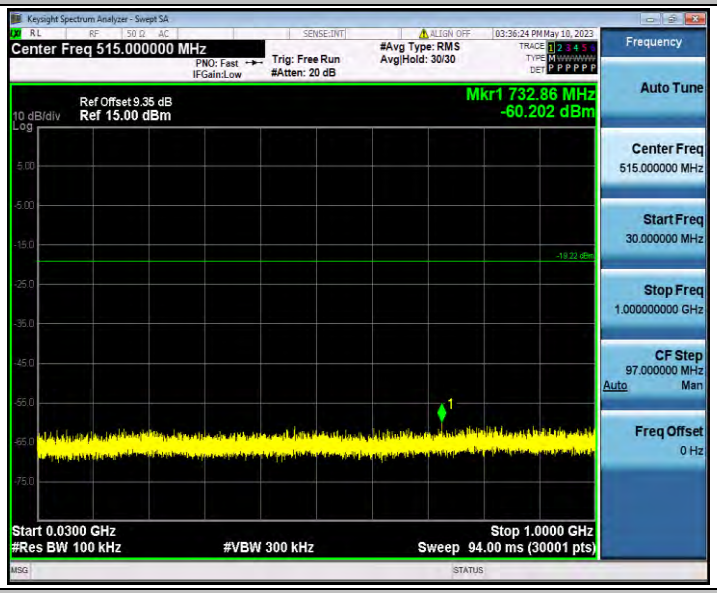


11AX20SISO_Ant1_2412_30~1000

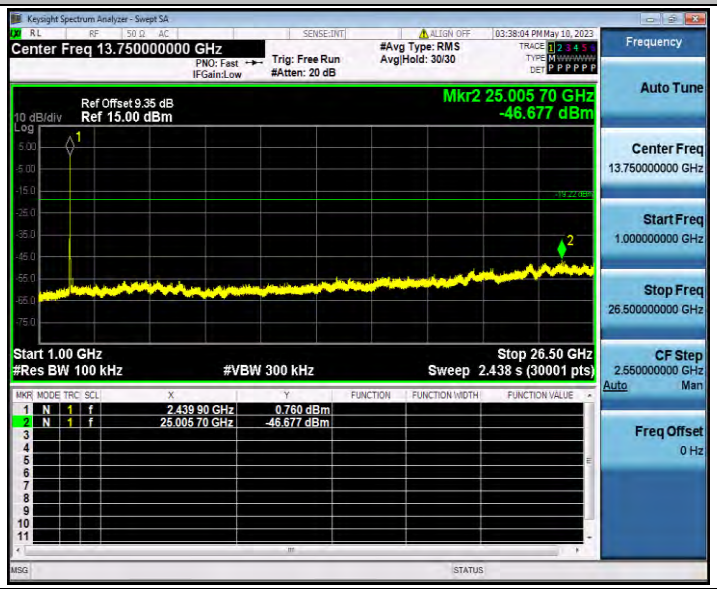


11AX20SISO_Ant1_2412_1000~26500

11AX20SISO_Ant1_2437_0~Reference

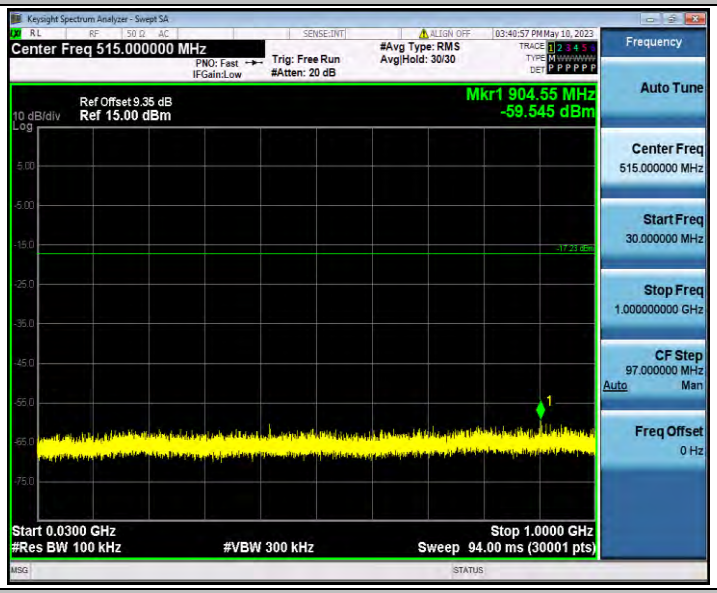


11AX20SISO_Ant1_2437_30~1000



11AX20SISO_Ant1_2437_1000~26500

11AX20SISO_Ant1_2462_0~Reference



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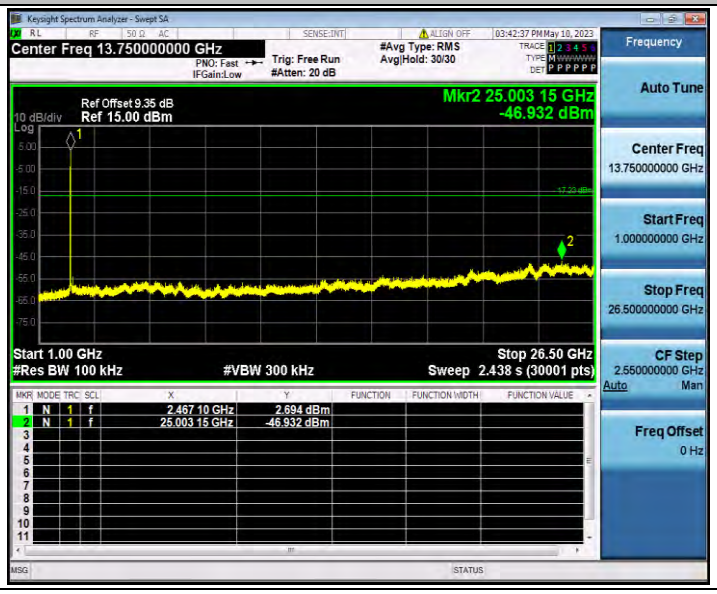
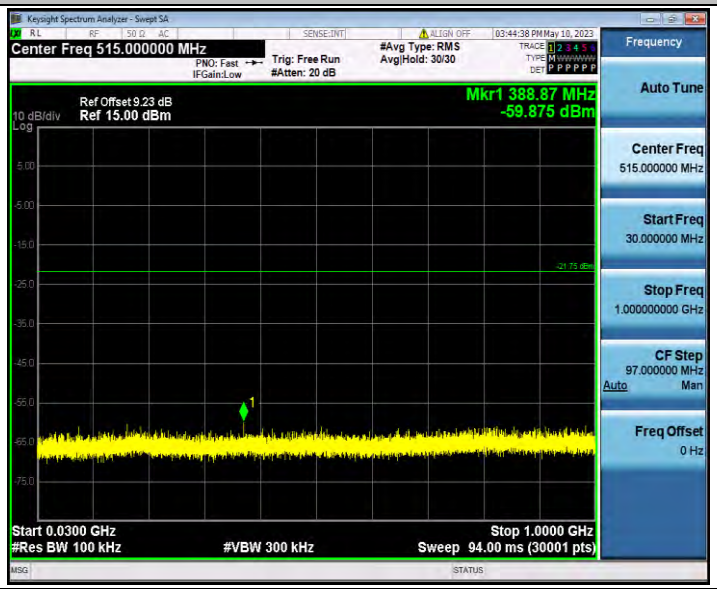


11AX20SISO_Ant1_2462_1000~26500

11AX40SISO_Ant1_2422_0~Reference



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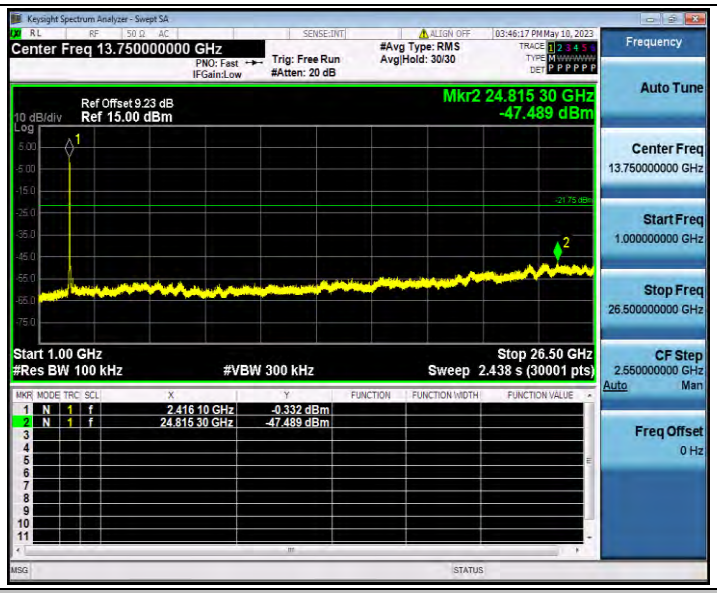

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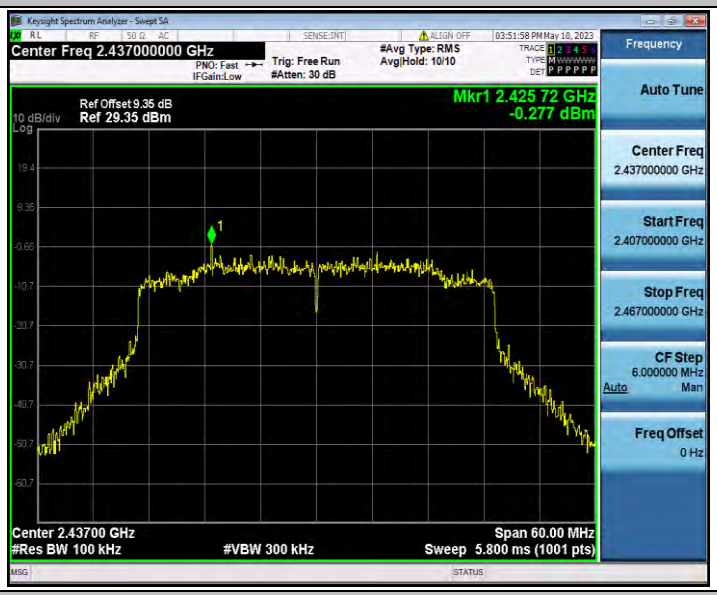

11AX40SISO_Ant1_2437_0~Reference

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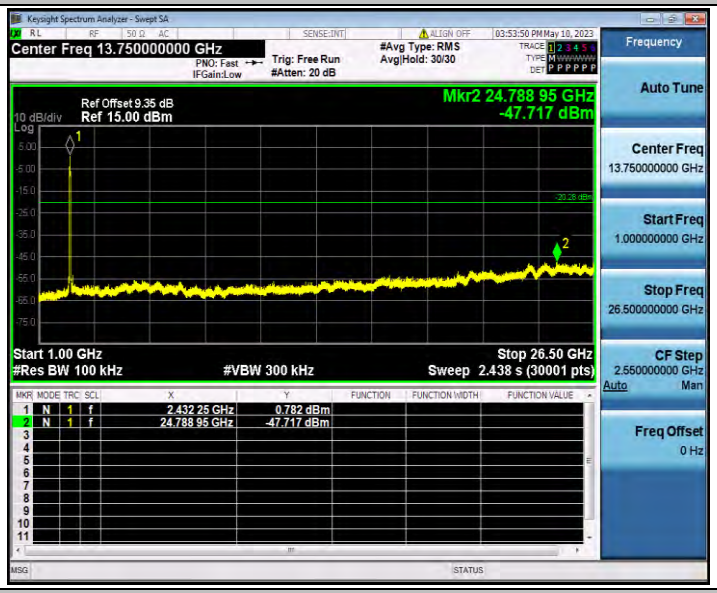

11AX40SISO_Ant1_2437_1000~26500

11AX40SISO_Ant1_2452_0~Reference

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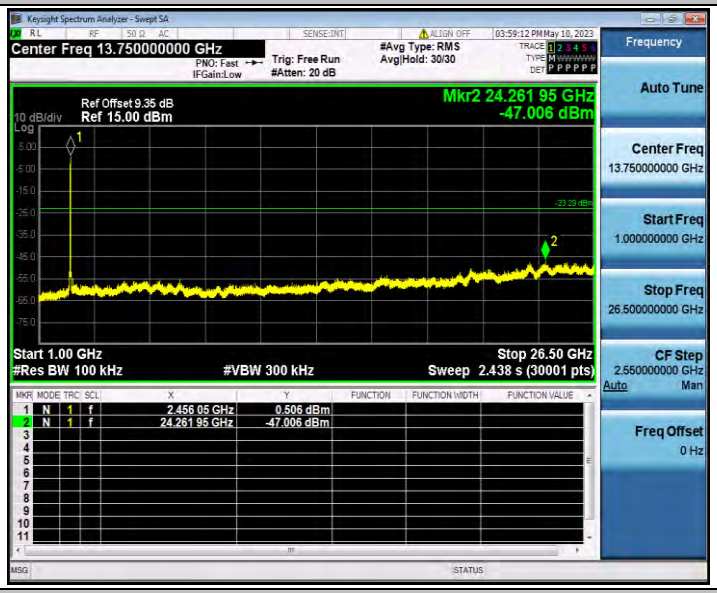

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