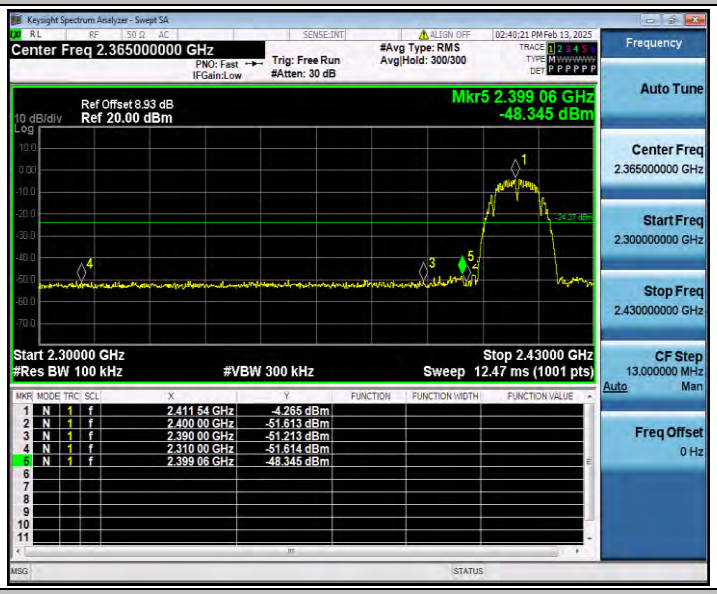
Appendix C.5: Band edge measurements

Test Result

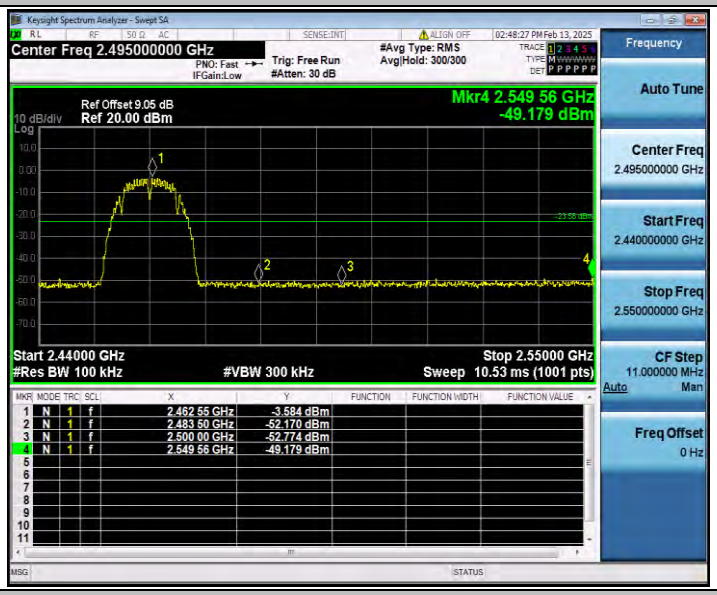
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.27	-48.35	≤-24.27	PASS
		High	2462	-3.58	-49.18	≤-23.58	PASS
11G	Ant1	Low	2412	-9.03	-38.99	≤-29.03	PASS
		High	2462	-8.21	-48.36	≤-28.21	PASS
11N20SISO	Ant1	Low	2412	-8.97	-39.62	≤-28.97	PASS
		High	2462	-8.55	-49.37	≤-28.55	PASS
11N40SISO	Ant1	Low	2422	-12.24	-40.33	≤-32.24	PASS
		High	2452	-11.68	-49.32	≤-31.68	PASS
11AX20SISO	Ant1	Low	2412	-9.77	-40.19	≤-29.77	PASS
		High	2462	-9.00	-49.83	≤-29	PASS
11AX40SISO	Ant1	Low	2422	-13.43	-50.03	≤-33.43	PASS
		High	2452	-11.96	-49.38	≤-31.96	PASS

Test Graphs

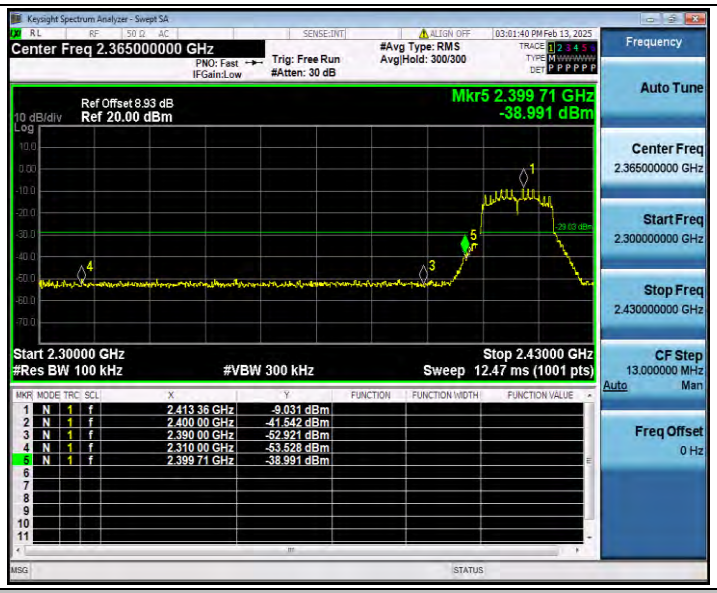
11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



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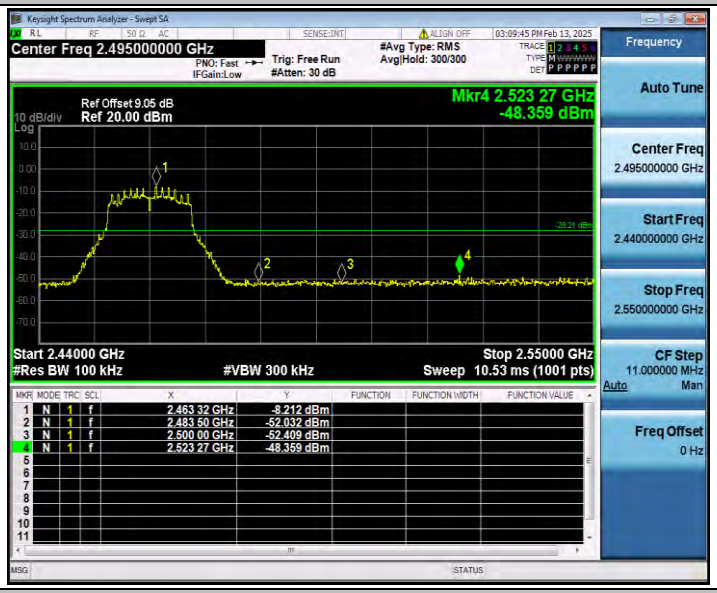
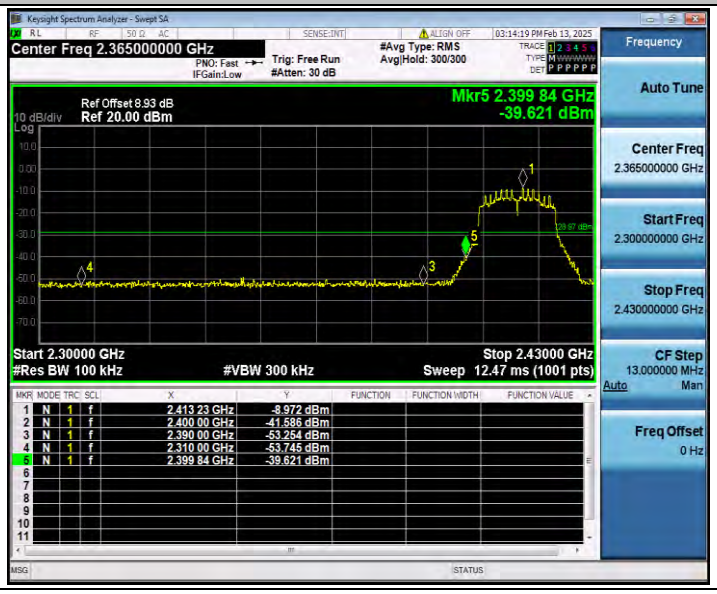
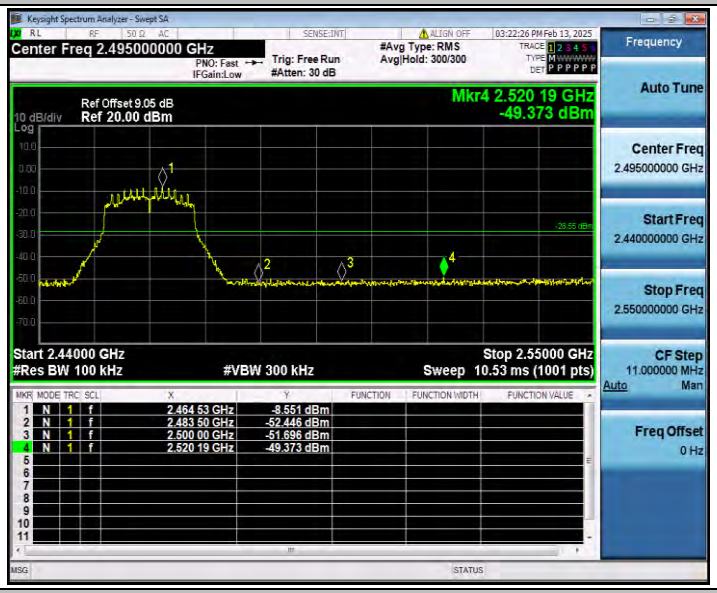


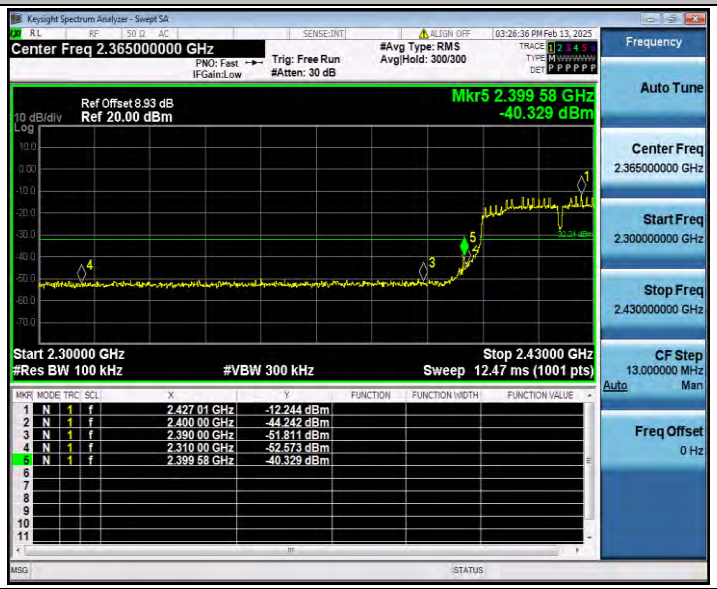
11N20SISO_Ant1_Low_2412



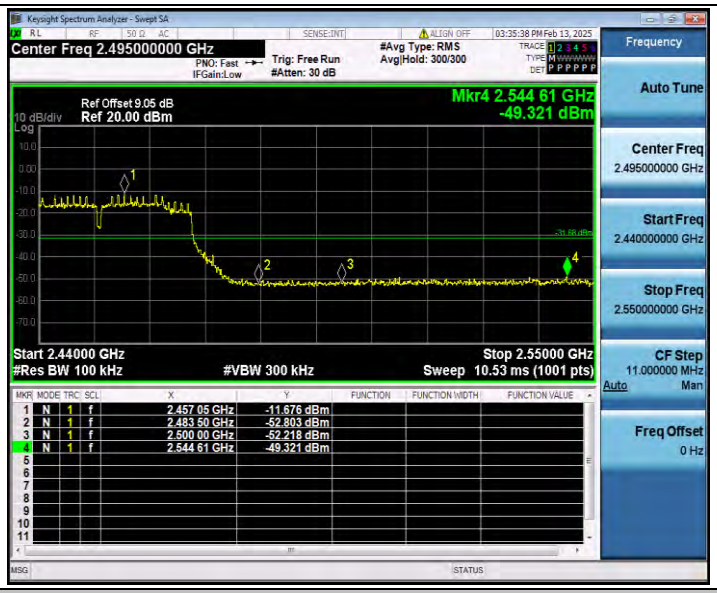
11N20SISO_Ant1_High_2462



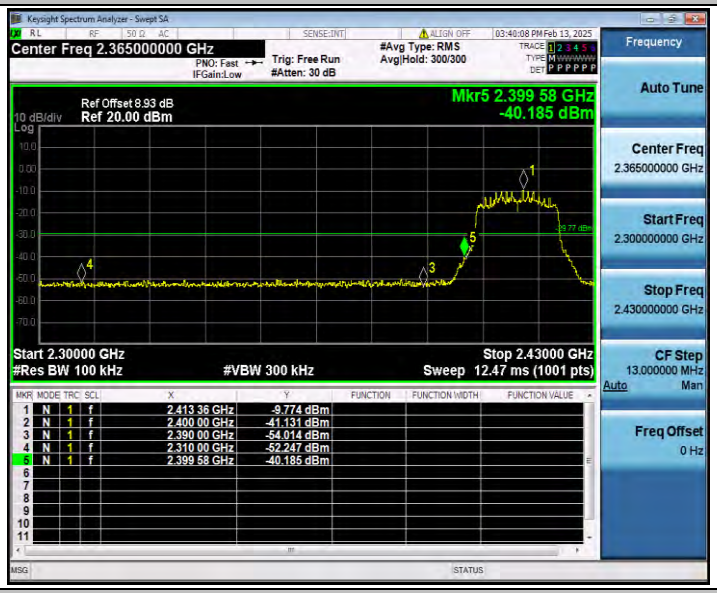
11N40SISO_Ant1_Low_2422



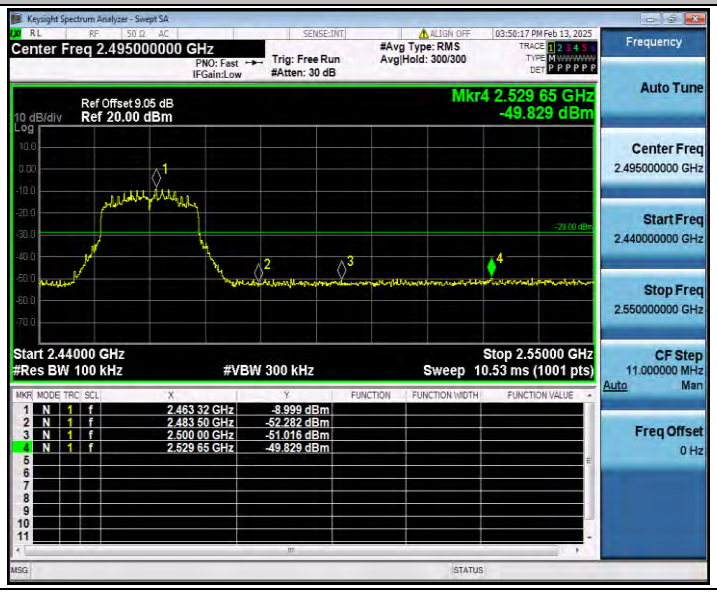
11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



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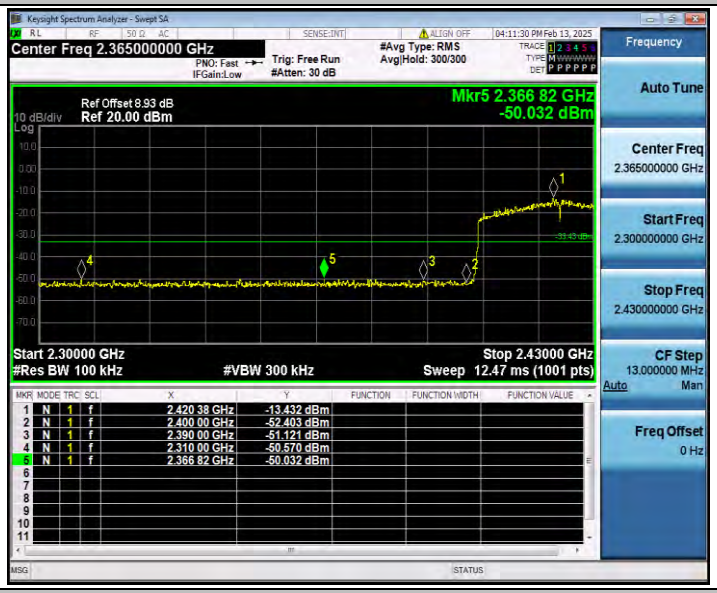

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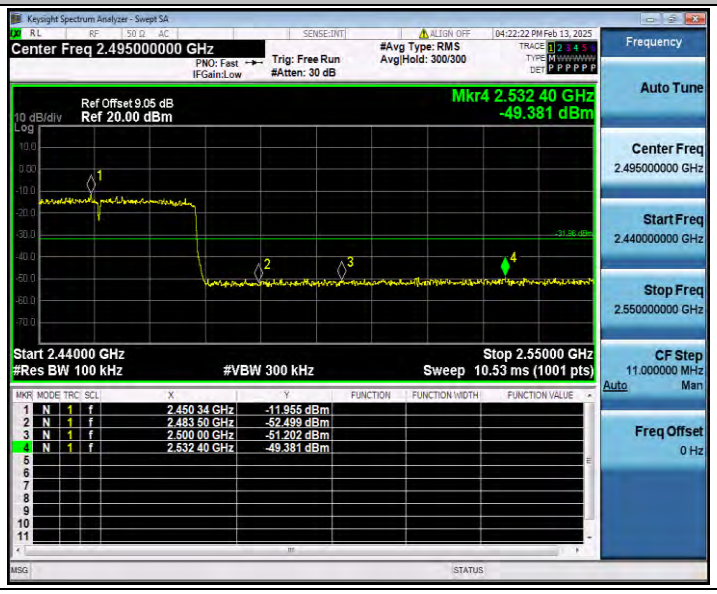


Appendix C.6: Conducted Spurious Emission

Test Result

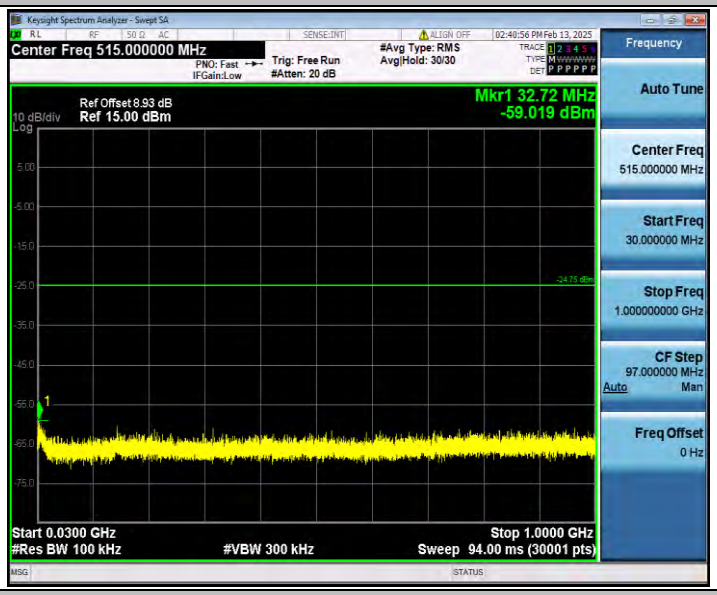
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-4.75	-4.75	---	PASS
			30~1000	-4.75	-59.02	≤-24.75	PASS
			1000~26500	-4.75	-48.11	≤-24.75	PASS
		2437	Reference	-4.93	-4.93	---	PASS
			30~1000	-4.93	-59.98	≤-24.93	PASS
			1000~26500	-4.93	-47.63	≤-24.93	PASS
		2462	Reference	-3.82	-3.82	---	PASS
			30~1000	-3.82	-59.33	≤-23.82	PASS
			1000~26500	-3.82	-47.86	≤-23.82	PASS
11G	Ant1	2412	Reference	-9.42	-9.42	---	PASS
			30~1000	-9.42	-60.08	≤-29.42	PASS
			1000~26500	-9.42	-48	≤-29.42	PASS
		2437	Reference	-8.86	-8.86	---	PASS
			30~1000	-8.86	-58.84	≤-28.86	PASS
			1000~26500	-8.86	-47.66	≤-28.86	PASS
		2462	Reference	-8.98	-8.98	---	PASS
			30~1000	-8.98	-58.13	≤-28.98	PASS
			1000~26500	-8.98	-47.67	≤-28.98	PASS
11N20SISO	Ant1	2412	Reference	-10.16	-10.16	---	PASS
			30~1000	-10.16	-59.05	≤-30.16	PASS
			1000~26500	-10.16	-47.7	≤-30.16	PASS
		2437	Reference	-9.03	-9.03	---	PASS
			30~1000	-9.03	-58.8	≤-29.03	PASS
			1000~26500	-9.03	-47.95	≤-29.03	PASS
		2462	Reference	-10.04	-10.04	---	PASS
			30~1000	-10.04	-59.65	≤-30.04	PASS
			1000~26500	-10.04	-47.84	≤-30.04	PASS
11N40SISO	Ant1	2422	Reference	-12.94	-12.94	---	PASS
			30~1000	-12.94	-58.93	≤-32.94	PASS
			1000~26500	-12.94	-48.2	≤-32.94	PASS
		2437	Reference	-12.59	-12.59	---	PASS
			30~1000	-12.59	-59.11	≤-32.59	PASS
			1000~26500	-12.59	-47.91	≤-32.59	PASS
		2452	Reference	-11.98	-11.98	---	PASS
			30~1000	-11.98	-60.6	≤-31.98	PASS
			1000~26500	-11.98	-47.85	≤-31.98	PASS

11AX20SISO	Ant1	2412	Reference	-10.28	-10.28	---	PASS
			30~1000	-10.28	-60.73	≤-30.28	PASS
			1000~26500	-10.28	-47.22	≤-30.28	PASS
		2437	Reference	-10.08	-10.08	---	PASS
			30~1000	-10.08	-61.02	≤-30.08	PASS
			1000~26500	-10.08	-47.55	≤-30.08	PASS
		2462	Reference	-10.74	-10.74	---	PASS
			30~1000	-10.74	-61	≤-30.74	PASS
			1000~26500	-10.74	-47.46	≤-30.74	PASS
11AX40SISO	Ant1	2422	Reference	-15.60	-15.60	---	PASS
			30~1000	-15.60	-60.75	≤-35.6	PASS
			1000~26500	-15.60	-48.32	≤-35.6	PASS
		2437	Reference	-16.97	-16.97	---	PASS
			30~1000	-16.97	-60.53	≤-36.97	PASS
			1000~26500	-16.97	-45.56	≤-36.97	PASS
		2452	Reference	-14.26	-14.26	---	PASS
			30~1000	-14.26	-60.61	≤-34.26	PASS
			1000~26500	-14.26	-47.81	≤-34.26	PASS

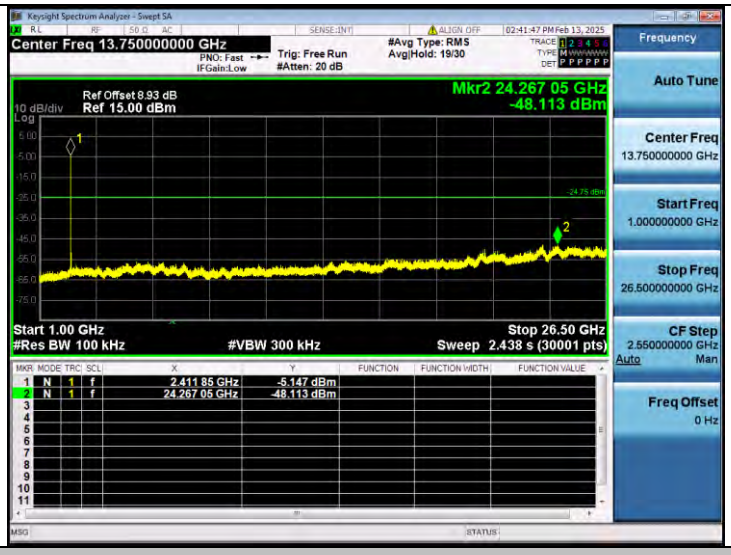
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

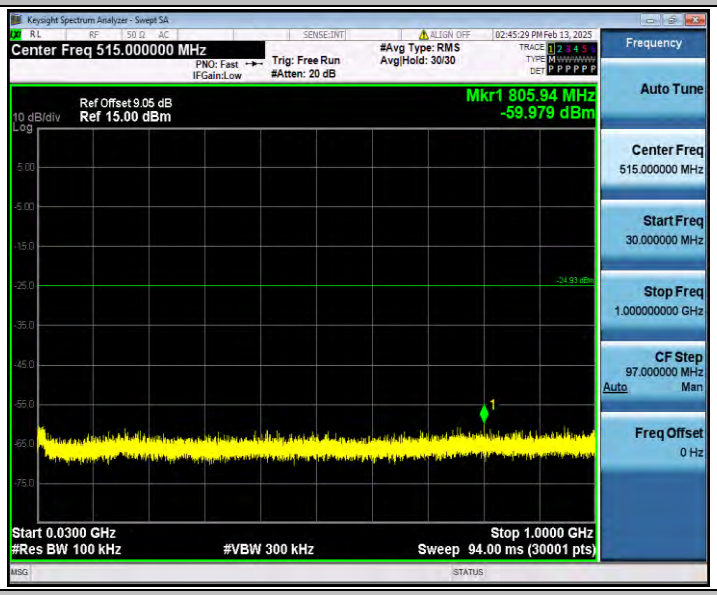


11B_Ant1_2412_1000~26500

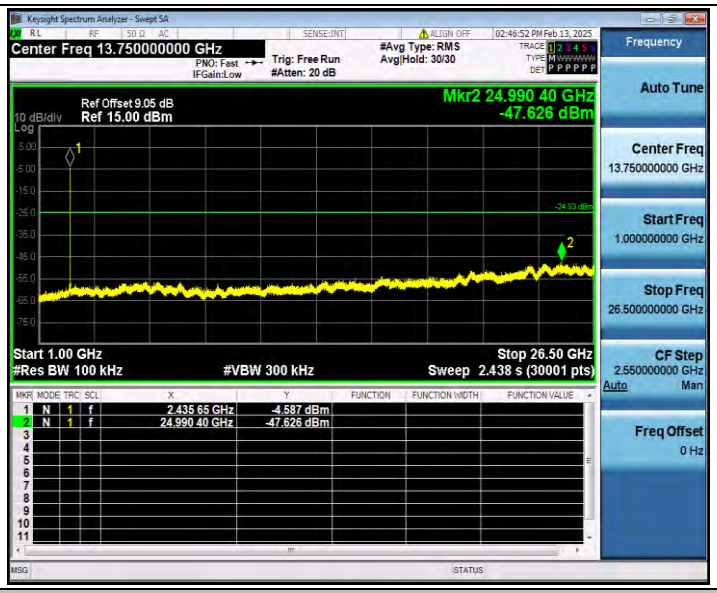


11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000

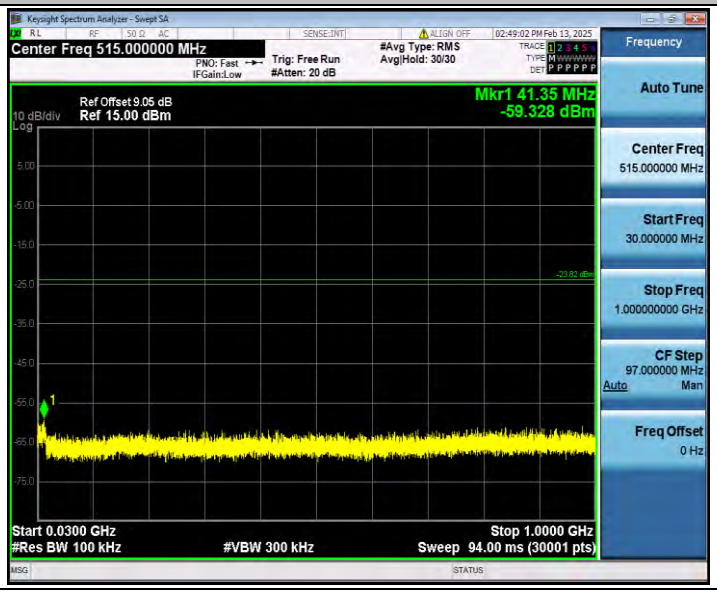


11B_Ant1_2437_1000~26500

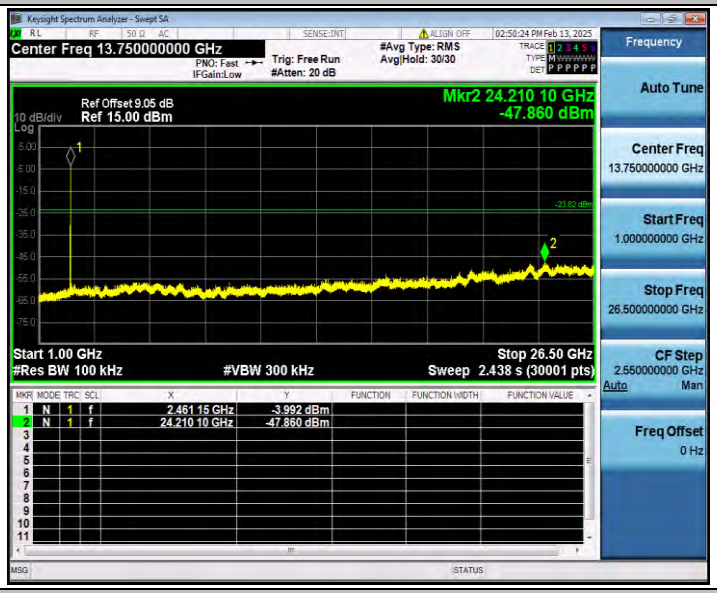


11B_Ant1_2462_0~Reference

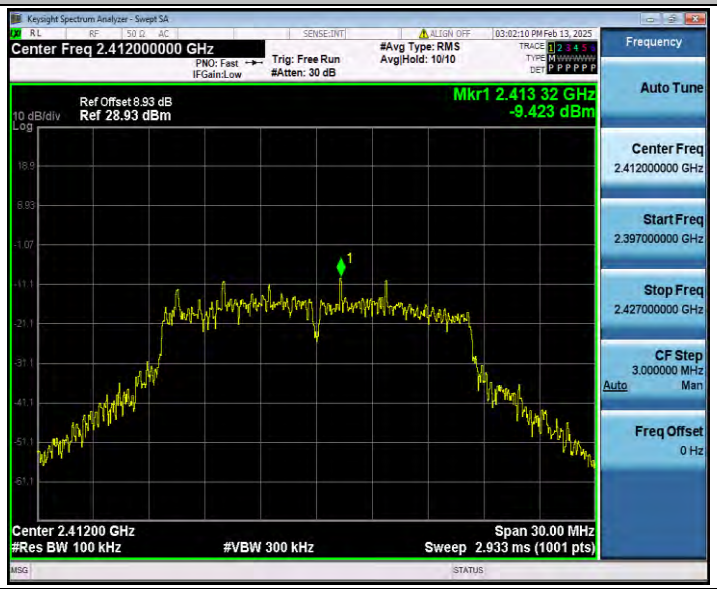
11B_Ant1_2462_30~1000



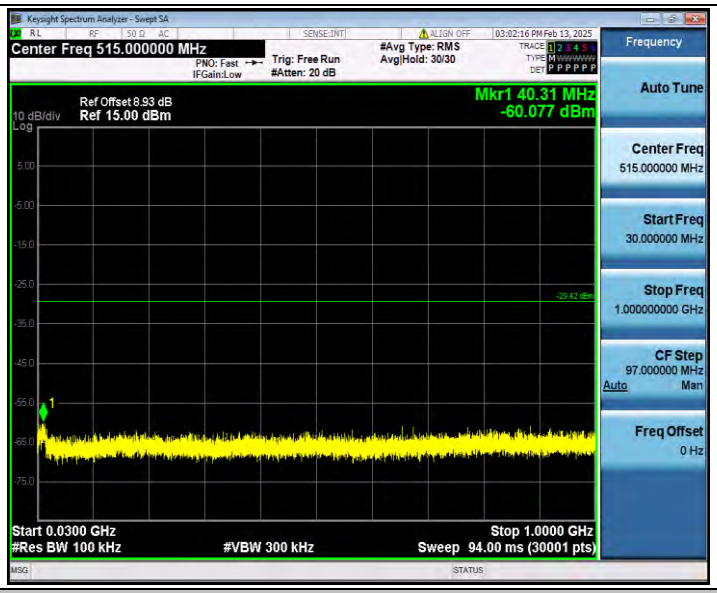
11B_Ant1_2462_1000~26500



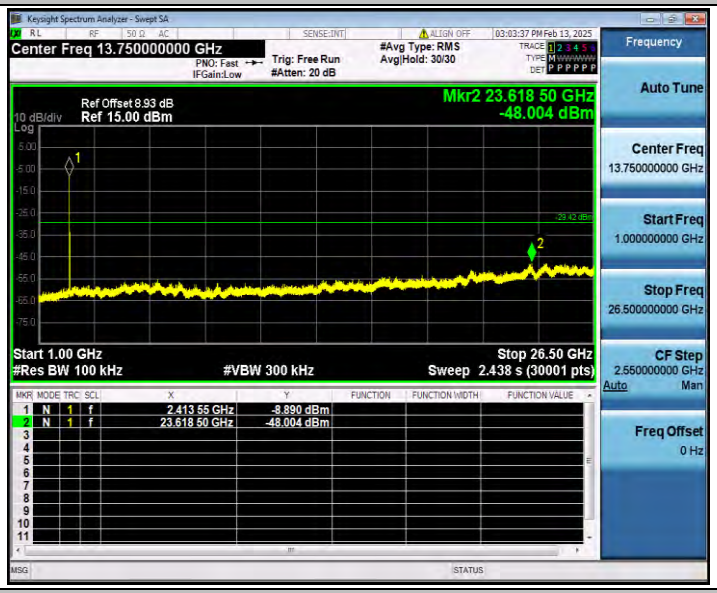
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



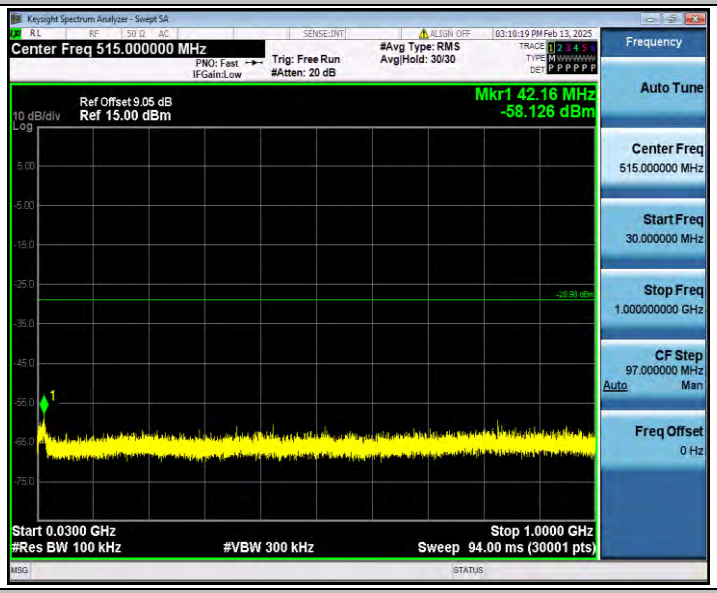
11G_Ant1_2437_0~Reference

11G_Ant1_2437_30~1000

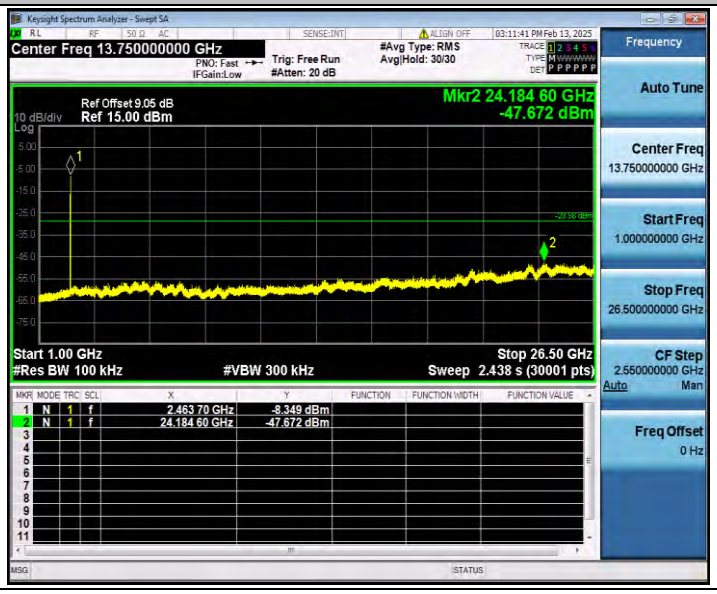
11G_Ant1_2437_1000~26500

11G_Ant1_2462_0~Reference

11G_Ant1_2462_30~1000

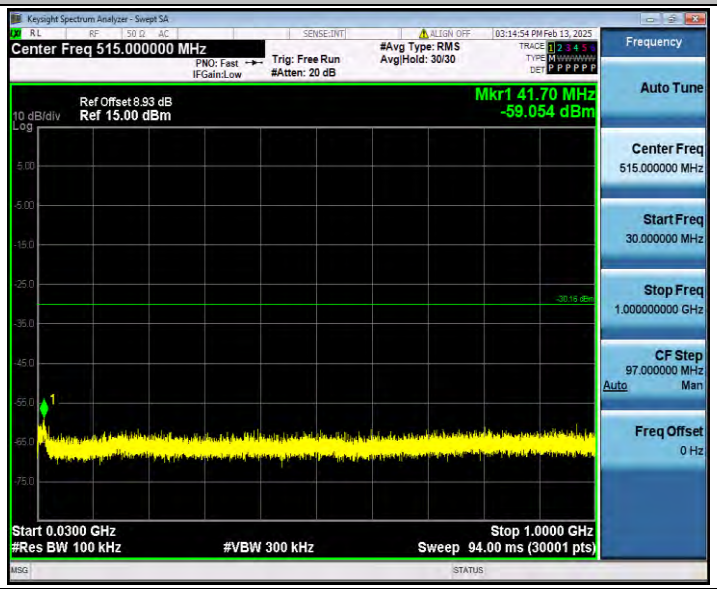


11G_Ant1_2462_1000~26500

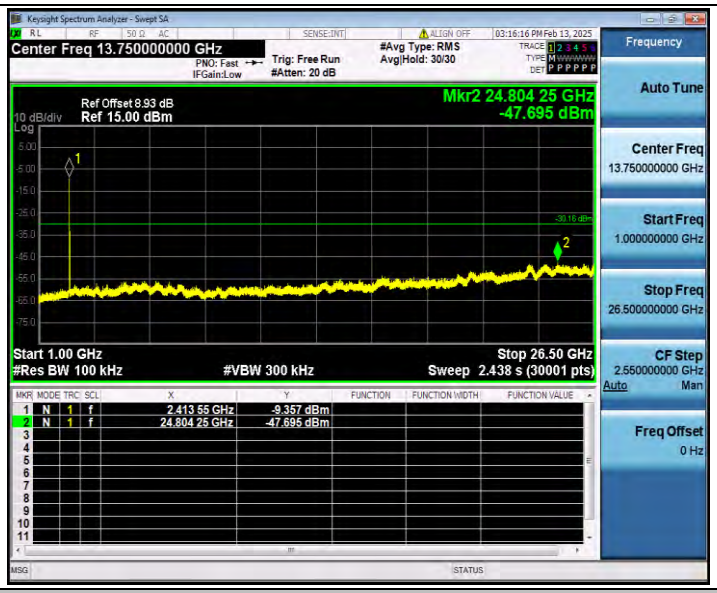


11N20SISO_Ant1_2412_0~Reference

11N20SISO_Ant1_2412_30~1000

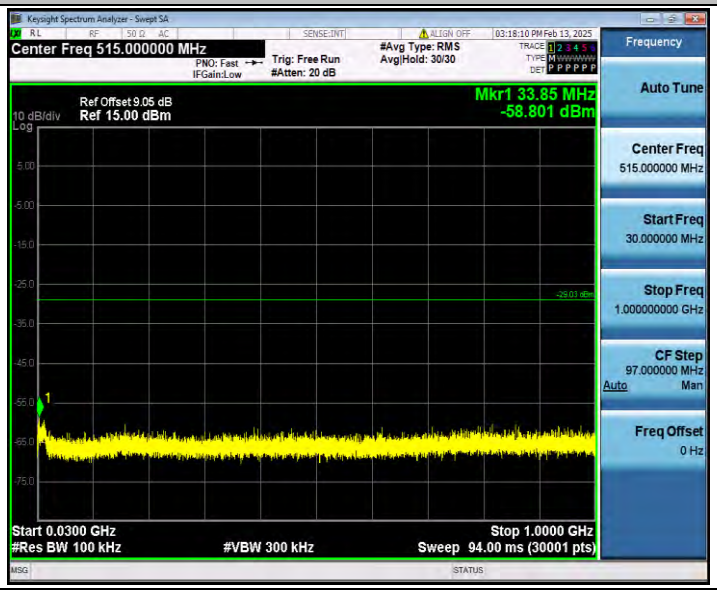


11N20SISO_Ant1_2412_1000~26500

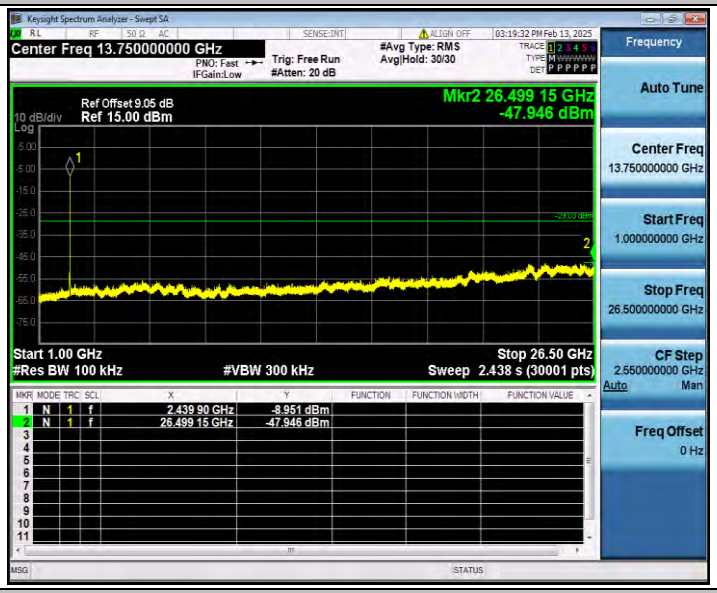


11N20SISO_Ant1_2437_0~Reference

11N20SISO_Ant1_2437_30~1000

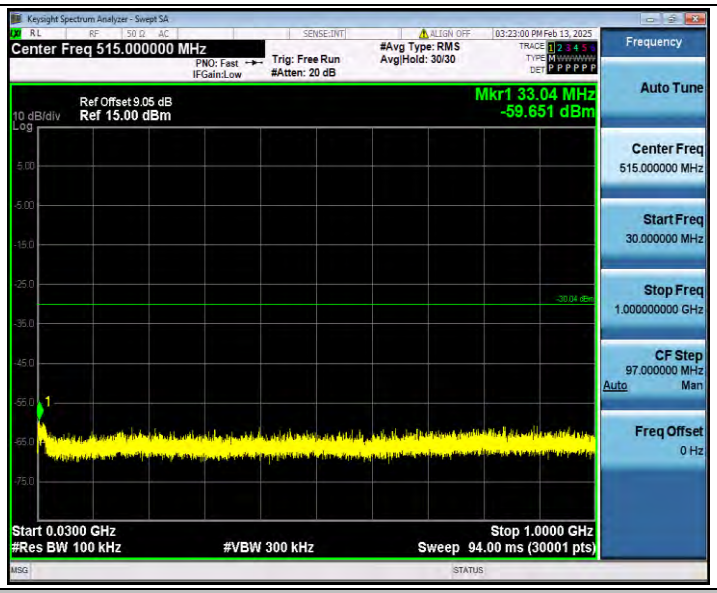


11N20SISO_Ant1_2437_1000~26500

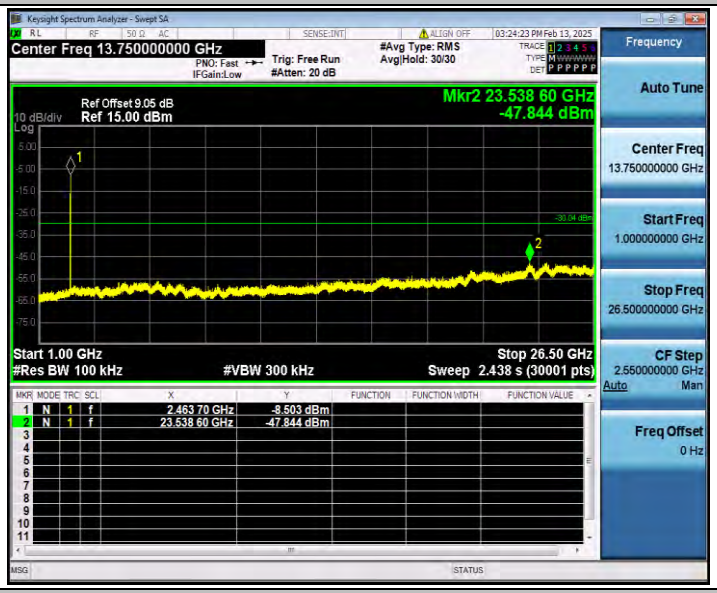


11N20SISO_Ant1_2462_0~Reference

11N20SISO_Ant1_2462_30~1000

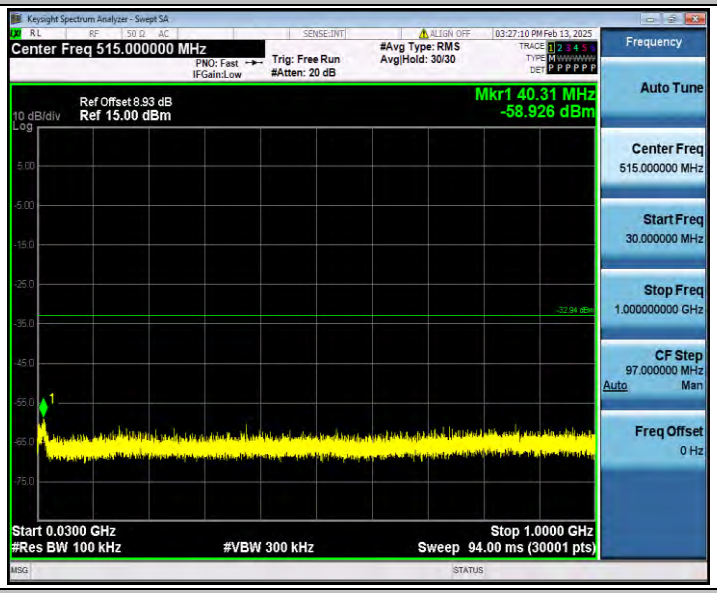


11N20SISO_Ant1_2462_1000~26500

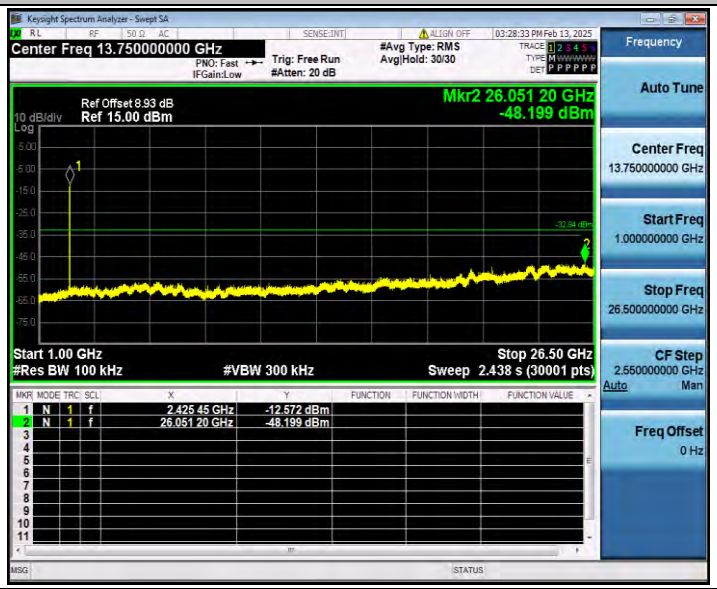


11N40SISO_Ant1_2422_0~Reference

11N40SISO_Ant1_2422_30~1000

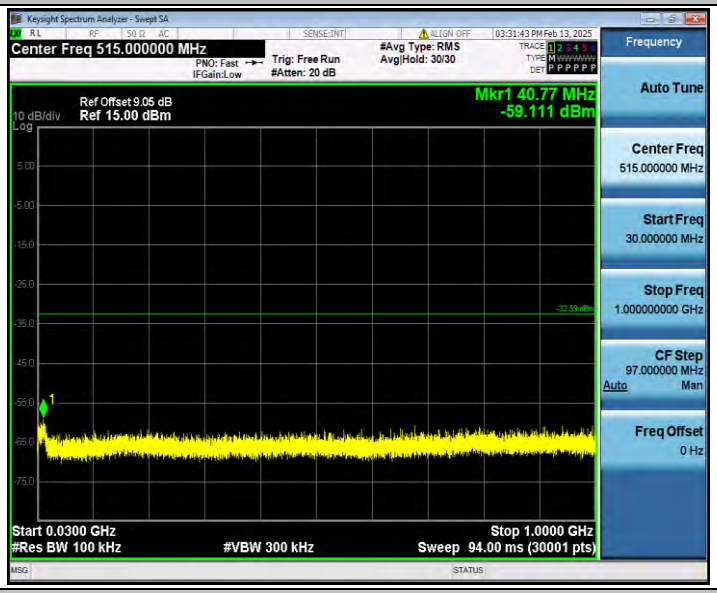


11N40SISO_Ant1_2422_1000~26500

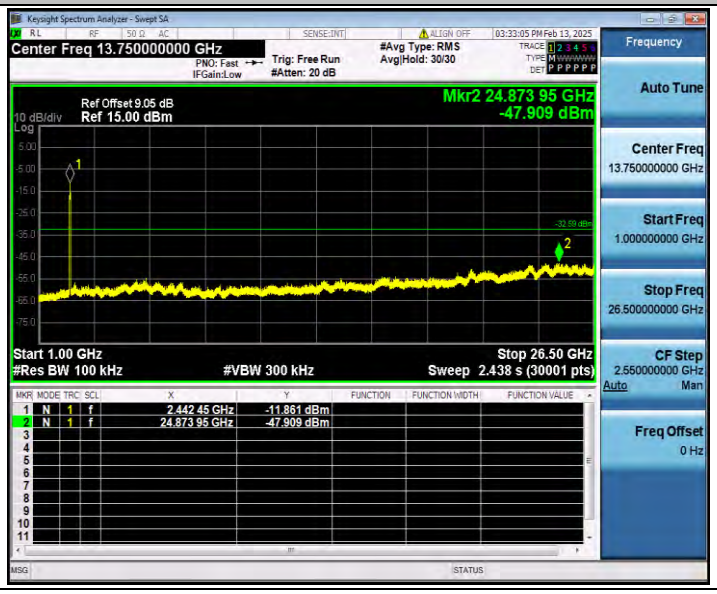


11N40SISO_Ant1_2437_0~Reference

11N40SISO_Ant1_2437_30~1000

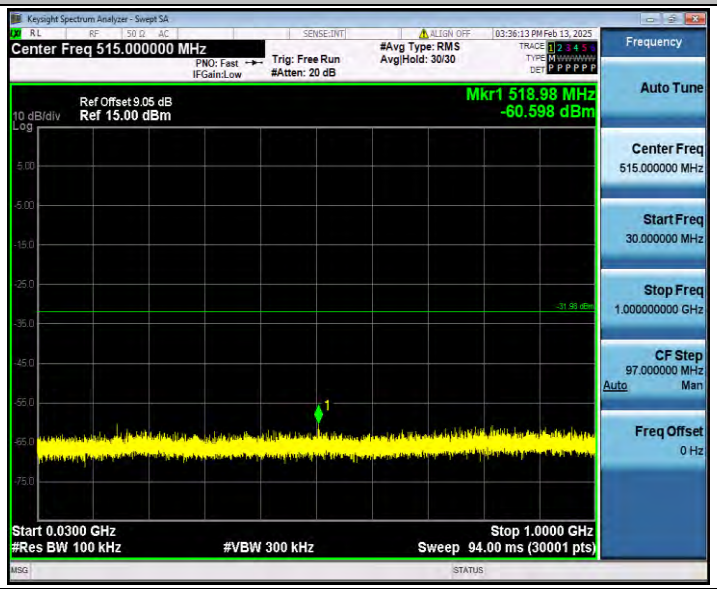


11N40SISO_Ant1_2437_1000~26500

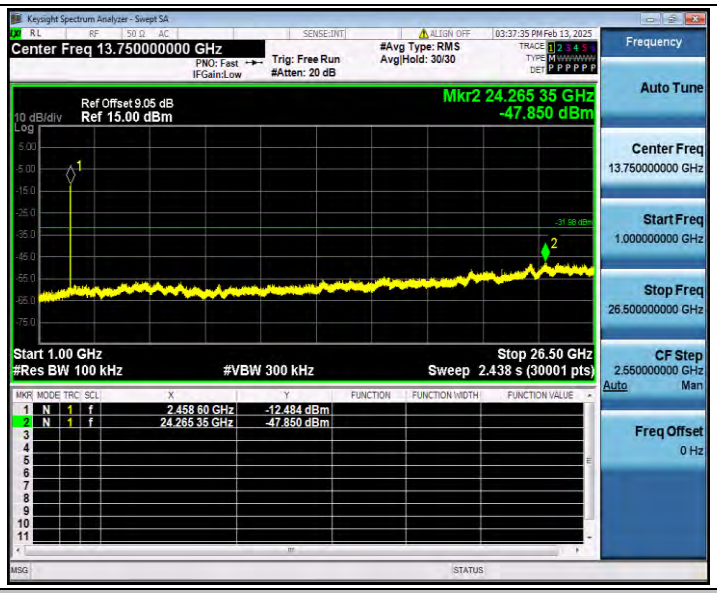


11N40SISO_Ant1_2452_0~Reference

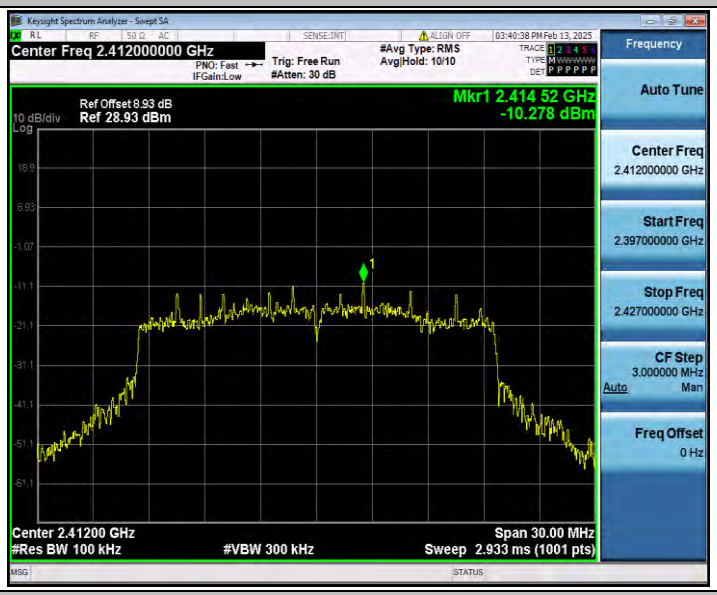
11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

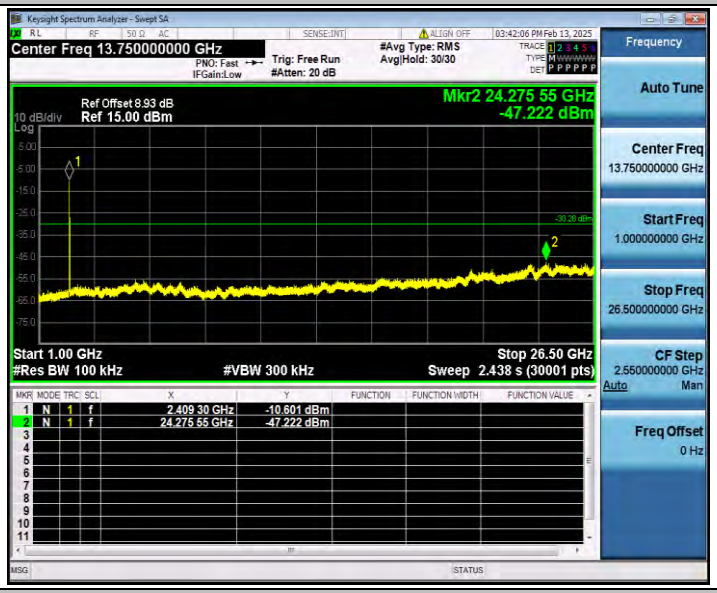


11AX20SISO_Ant1_2412_0~Reference



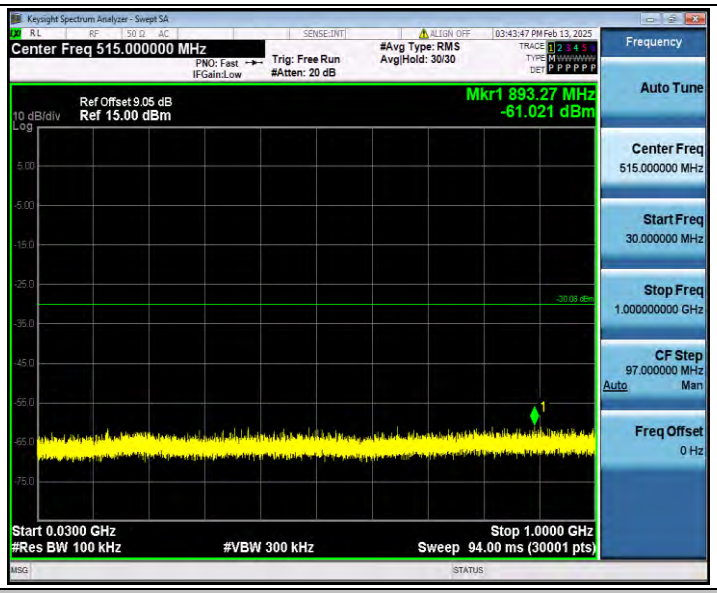
11AX20SISO_Ant1_2412_30~1000

11AX20SISO_Ant1_2412_1000~26500

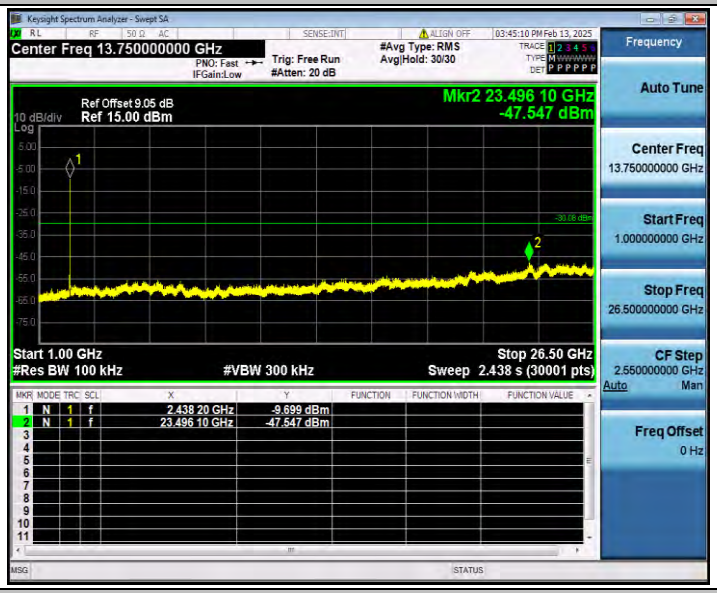


11AX20SISO_Ant1_2437_0~Reference

11AX20SISO_Ant1_2437_30~1000

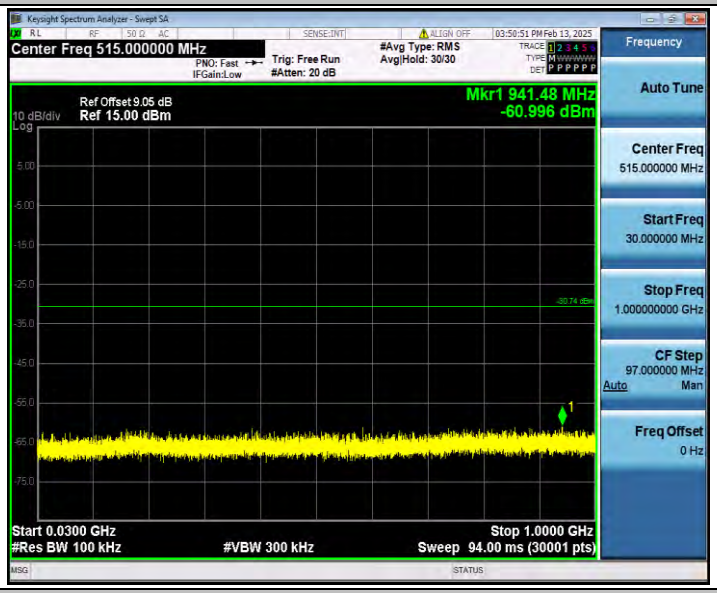


11AX20SISO_Ant1_2437_1000~26500



11AX20SISO_Ant1_2462_0~Reference

11AX20SISO_Ant1_2462_30~1000

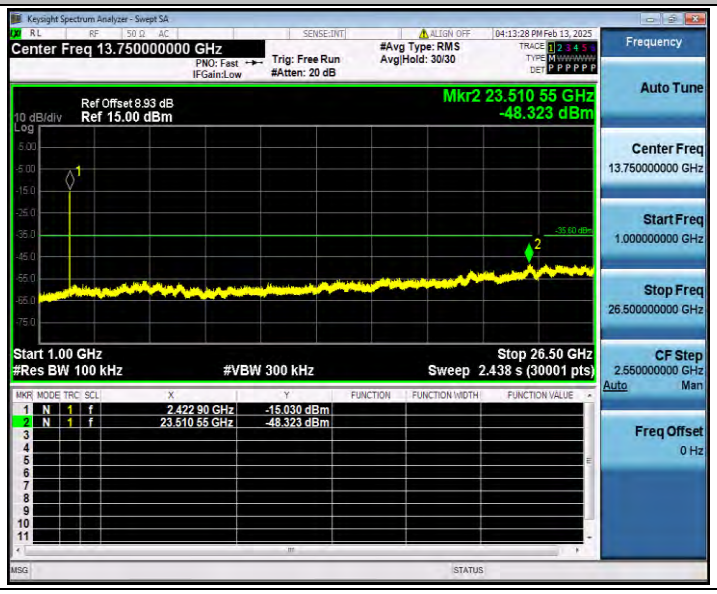


11AX20SISO_Ant1_2462_1000~26500

11AX40SISO_Ant1_2422_0~Reference

11AX40SISO_Ant1_2422_30~1000

11AX40SISO_Ant1_2422_1000~26500



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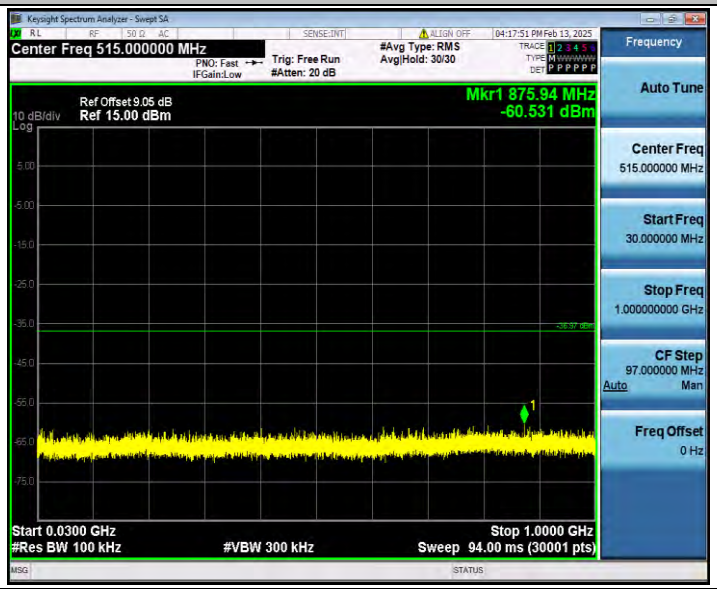

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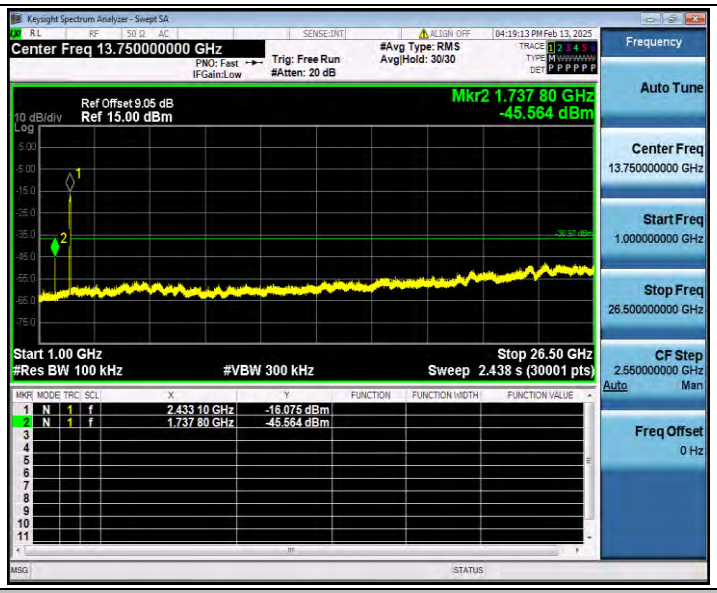

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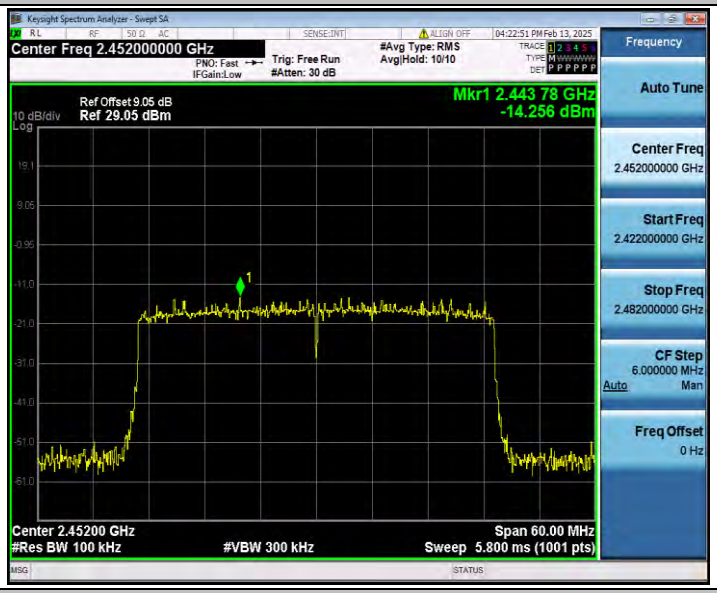

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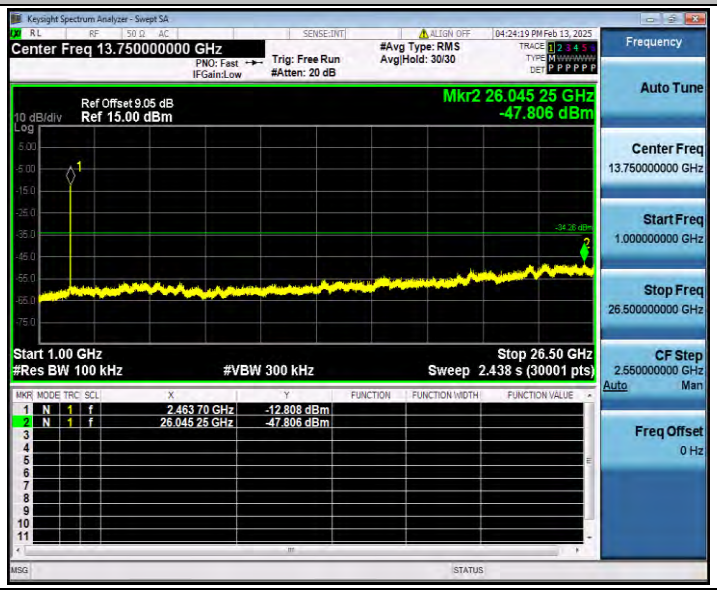
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