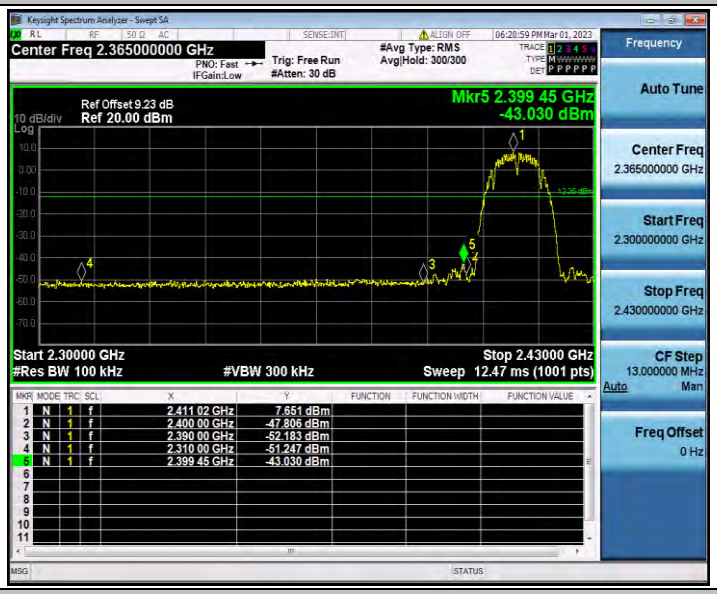
Appendix C.5: Band edge measurements

Test Result

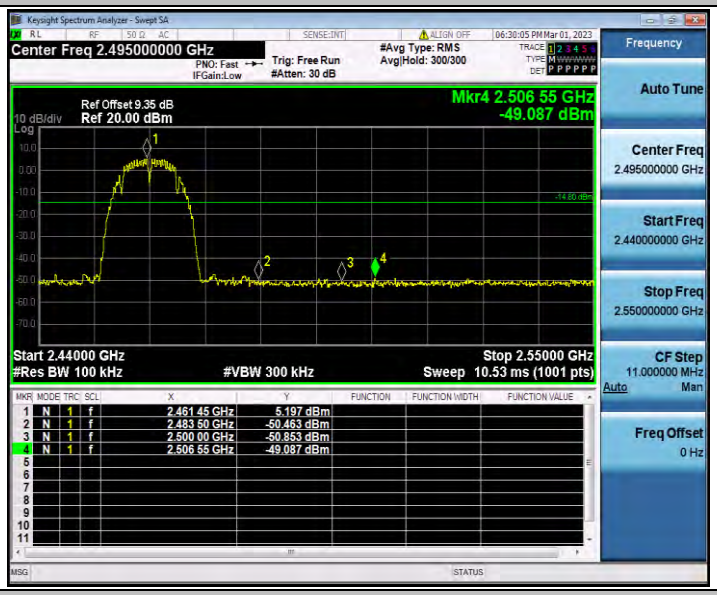
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.65	-43.03	≤-12.35	PASS
		High	2462	5.20	-49.09	≤-14.8	PASS
11G	Ant1	Low	2412	4.35	-26.56	≤-15.65	PASS
		High	2462	4.79	-48.64	≤-15.21	PASS
11N20SISO	Ant1	Low	2412	3.78	-26.46	≤-16.22	PASS
		High	2462	3.95	-47.8	≤-16.05	PASS
11N40SISO	Ant1	Low	2422	0.95	-28	≤-19.05	PASS
		High	2452	1.56	-44.8	≤-18.44	PASS
11AX20SISO	Ant1	Low	2412	3.22	-26.3	≤-16.78	PASS
		High	2462	4.21	-48.96	≤-15.79	PASS
11AX40SISO	Ant1	Low	2422	0.62	-28.11	≤-19.38	PASS
		High	2452	-1.08	-45	≤-21.08	PASS

Test Graphs

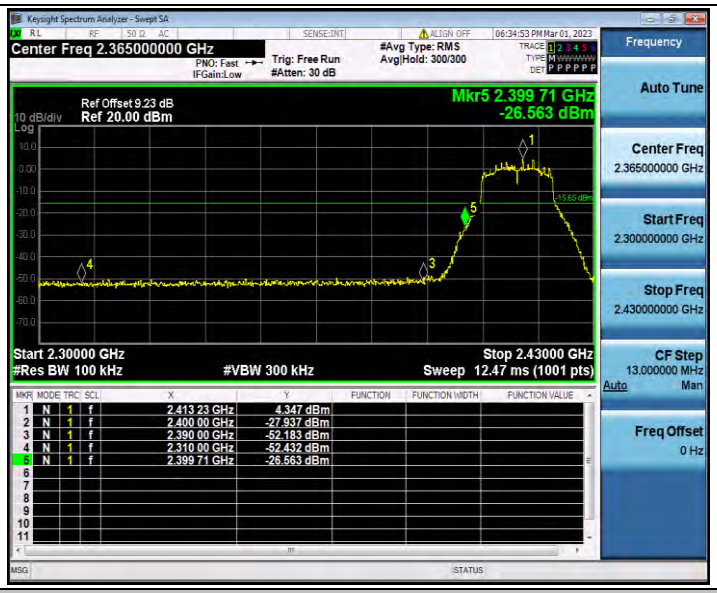
11B_Ant1_Low_2412



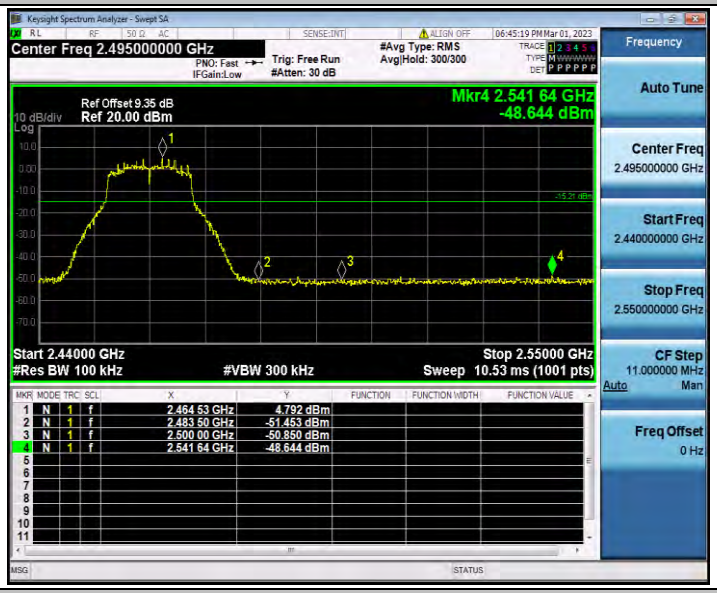
11B_Ant1_High_2462



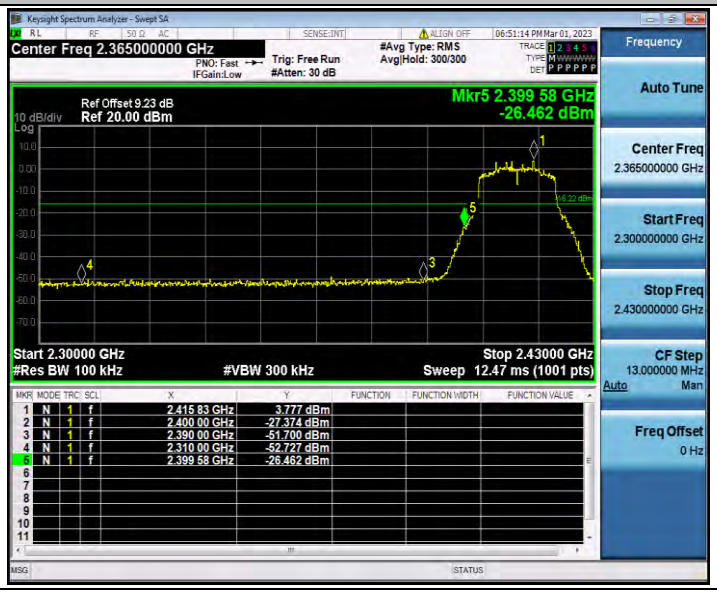
11G_Ant1_Low_2412



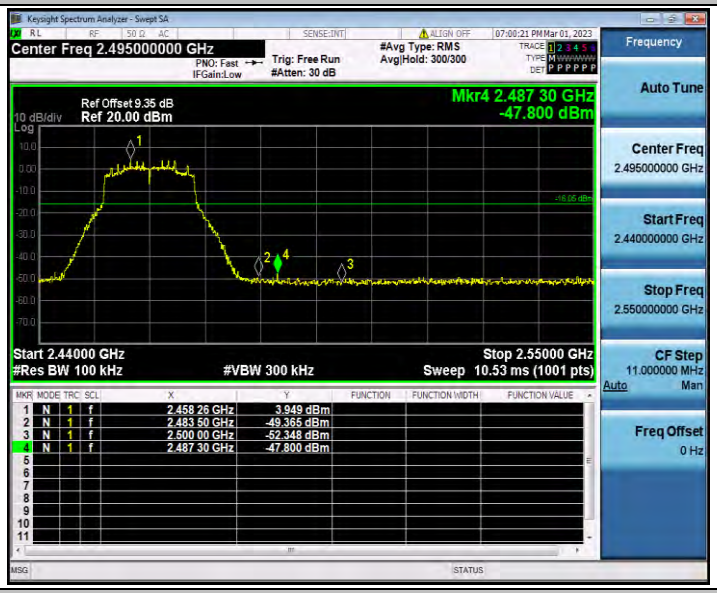
11G_Ant1_High_2462



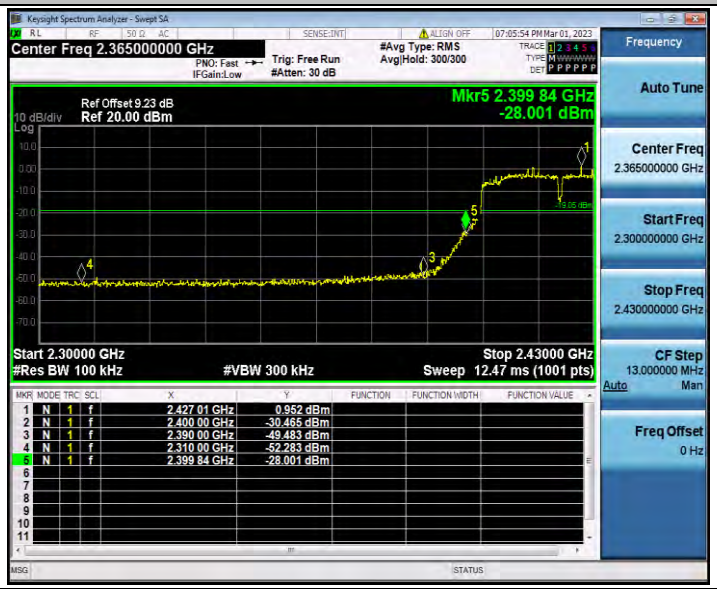
11N20SISO_Ant1_Low_2412



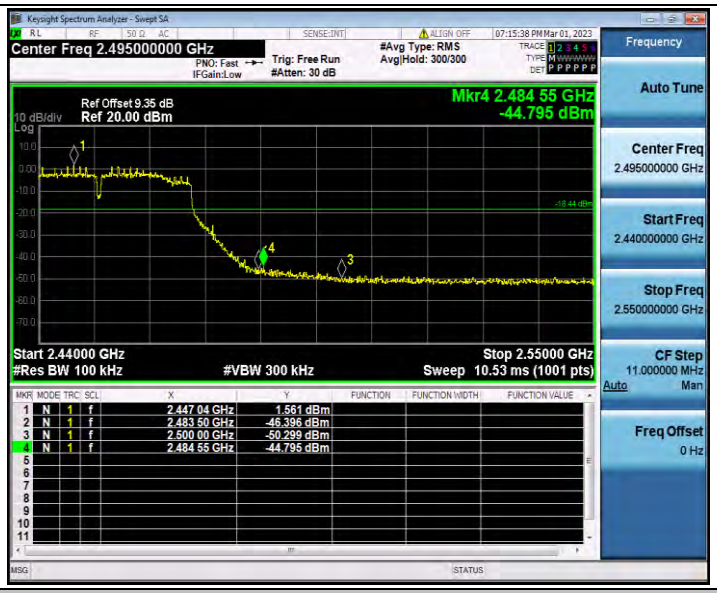
11N20SISO_Ant1_High_2462



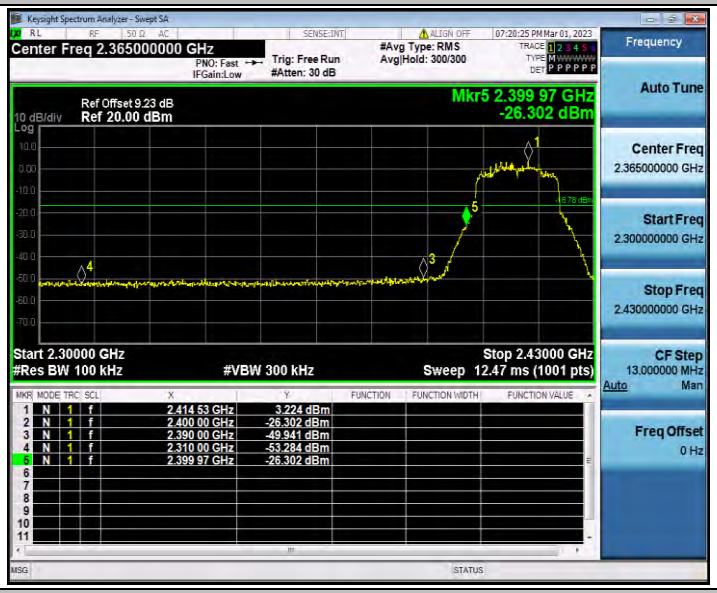
11N40SISO_Ant1_Low_2422



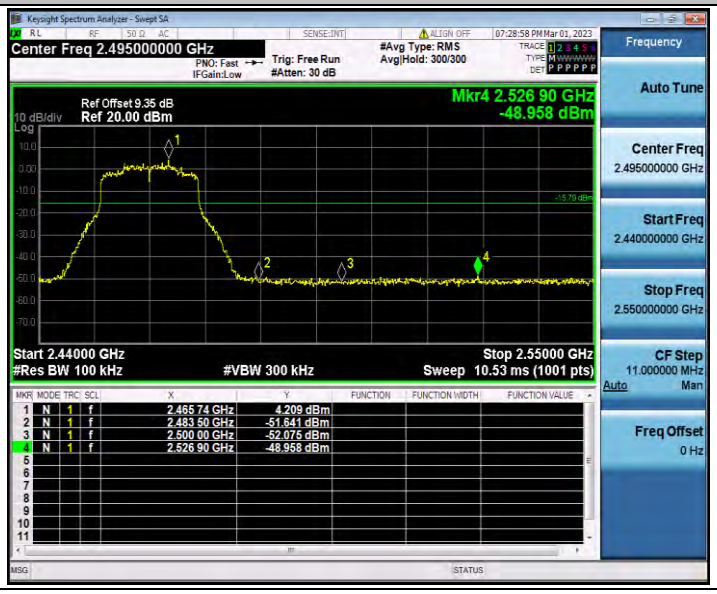
11N40SISO_Ant1_High_2452



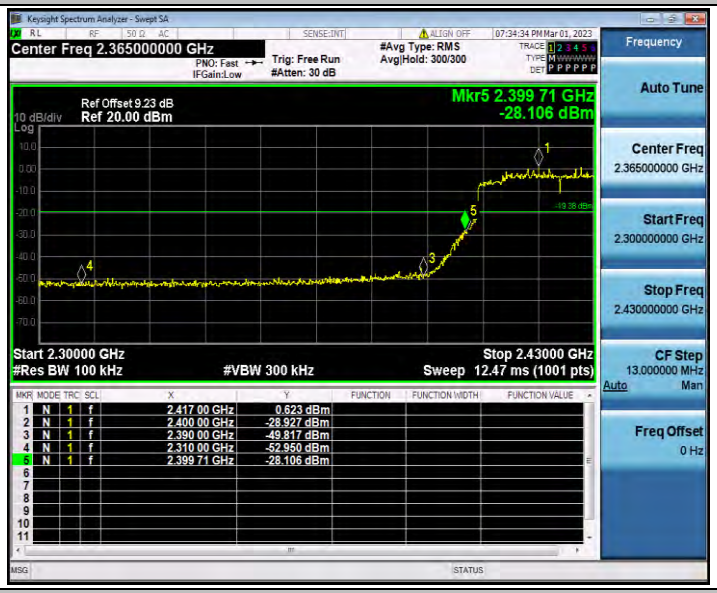
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

Appendix C.6: Conducted Spurious Emission

Test Result

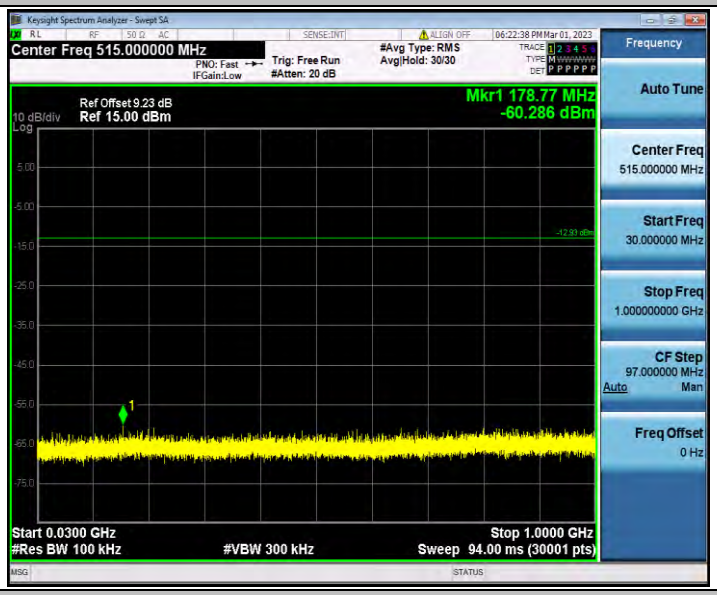
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.07	7.07	---	PASS
			30~1000	7.07	-60.29	≤-12.93	PASS
			1000~26500	7.07	-47.29	≤-12.93	PASS
		2437	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-60.1	≤-15.61	PASS
			1000~26500	4.39	-42.66	≤-15.61	PASS
		2462	Reference	4.96	4.96	---	PASS
			30~1000	4.96	-60.33	≤-15.04	PASS
			1000~26500	4.96	-47.65	≤-15.04	PASS
11G	Ant1	2412	Reference	0.24	0.24	---	PASS
			30~1000	0.24	-60.3	≤-19.76	PASS
			1000~26500	0.24	-46.53	≤-19.76	PASS
		2437	Reference	1.06	1.06	---	PASS
			30~1000	1.06	-60.91	≤-18.94	PASS
			1000~26500	1.06	-47.41	≤-18.94	PASS
		2462	Reference	1.14	1.14	---	PASS
			30~1000	1.14	-60.46	≤-18.86	PASS
			1000~26500	1.14	-46.72	≤-18.86	PASS
11N20SISO	Ant1	2412	Reference	-0.32	-0.32	---	PASS
			30~1000	-0.32	-59.94	≤-20.32	PASS
			1000~26500	-0.32	-47.4	≤-20.32	PASS
		2437	Reference	-0.15	-0.15	---	PASS
			30~1000	-0.15	-60.13	≤-20.15	PASS
			1000~26500	-0.15	-47.59	≤-20.15	PASS
		2462	Reference	0.91	0.91	---	PASS
			30~1000	0.91	-60.35	≤-19.09	PASS
			1000~26500	0.91	-47.84	≤-19.09	PASS
11N40SISO	Ant1	2422	Reference	-2.42	-2.42	---	PASS
			30~1000	-2.42	-60.55	≤-22.42	PASS
			1000~26500	-2.42	-47.26	≤-22.42	PASS
		2437	Reference	-2.02	-2.02	---	PASS
			30~1000	-2.02	-60.24	≤-22.02	PASS
			1000~26500	-2.02	-47.3	≤-22.02	PASS
		2452	Reference	-2.28	-2.28	---	PASS
			30~1000	-2.28	-60.34	≤-22.28	PASS
			1000~26500	-2.28	-46.59	≤-22.28	PASS

11AX20SISO	Ant1	2412	Reference	0.18	0.18	---	PASS
			30~1000	0.18	-59.55	≤-19.82	PASS
			1000~26500	0.18	-47.57	≤-19.82	PASS
		2437	Reference	-0.39	-0.39	---	PASS
			30~1000	-0.39	-60.16	≤-20.39	PASS
			1000~26500	-0.39	-47.73	≤-20.39	PASS
		2462	Reference	1.31	1.31	---	PASS
			30~1000	1.31	-60.1	≤-18.69	PASS
			1000~26500	1.31	-46.86	≤-18.69	PASS
11AX40SISO	Ant1	2422	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-60.23	≤-19.81	PASS
			1000~26500	0.19	-46.78	≤-19.81	PASS
		2437	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-59.6	≤-21.8	PASS
			1000~26500	-1.80	-47.65	≤-21.8	PASS
		2452	Reference	-1.68	-1.68	---	PASS
			30~1000	-1.68	-60.43	≤-21.68	PASS
			1000~26500	-1.68	-47.62	≤-21.68	PASS

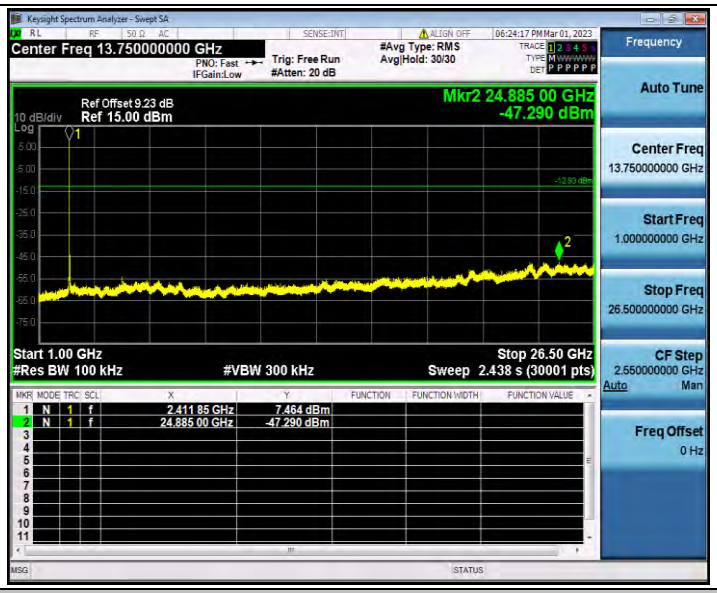
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000



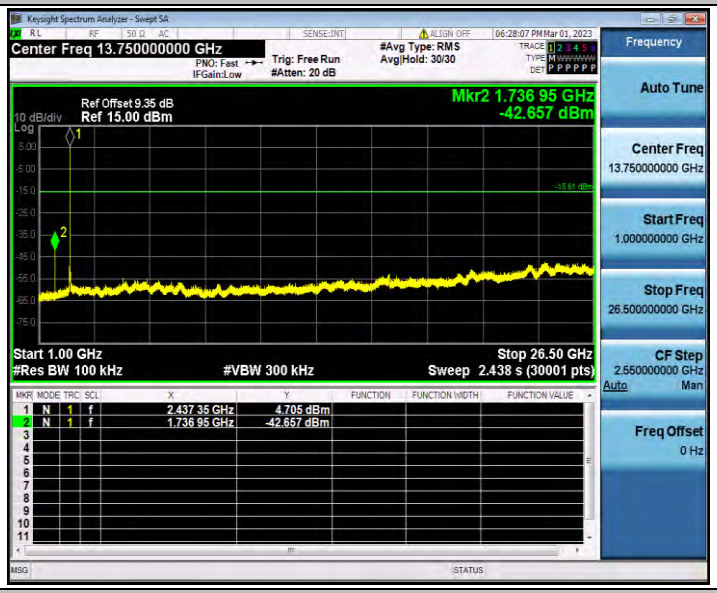
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference

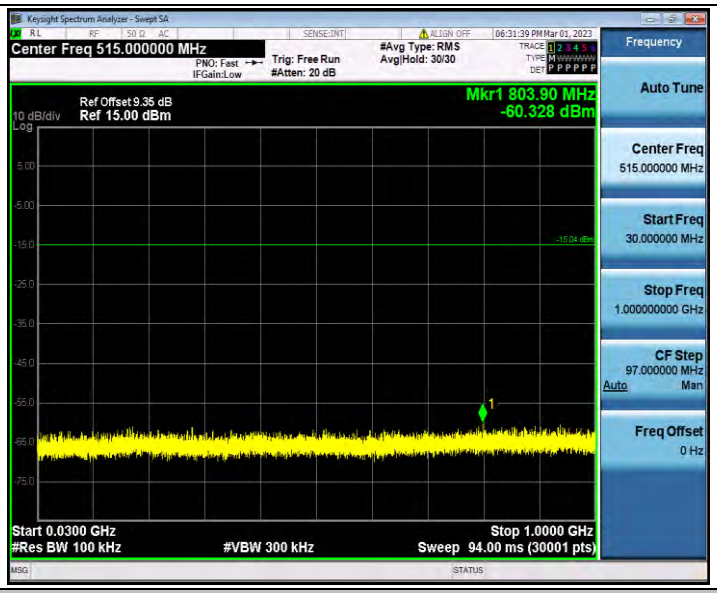
11B_Ant1_2437_30~1000

11B_Ant1_2437_1000~26500

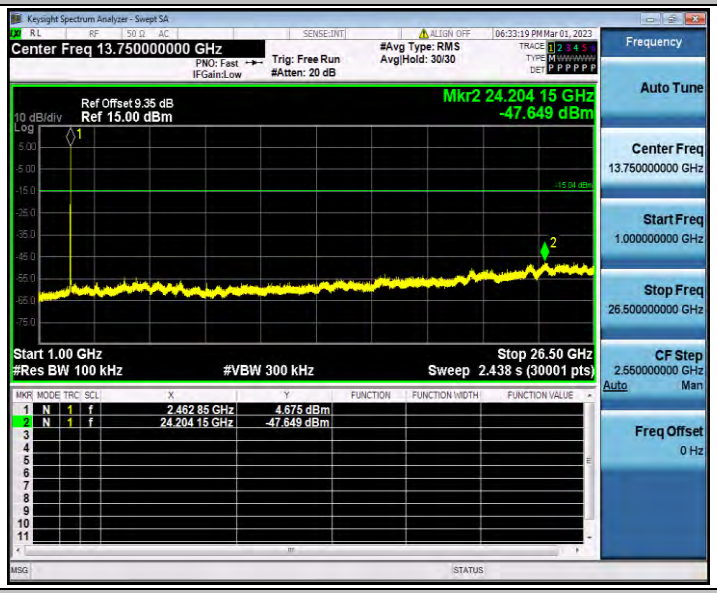


11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

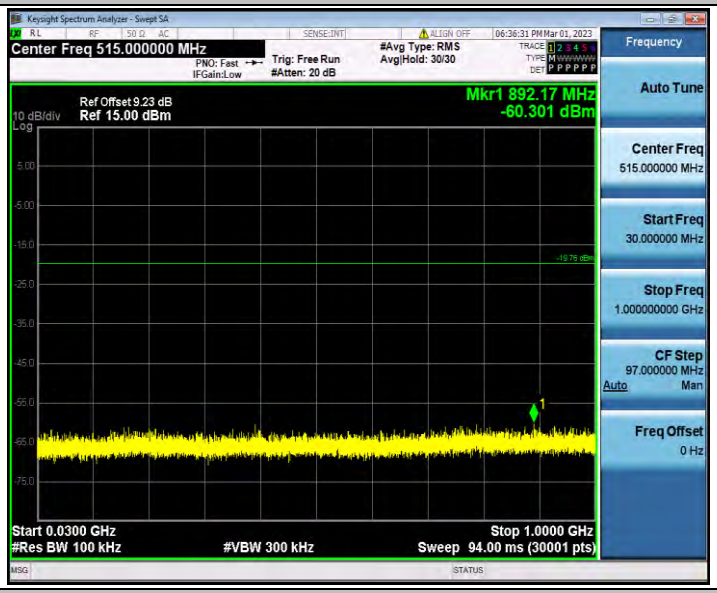


11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

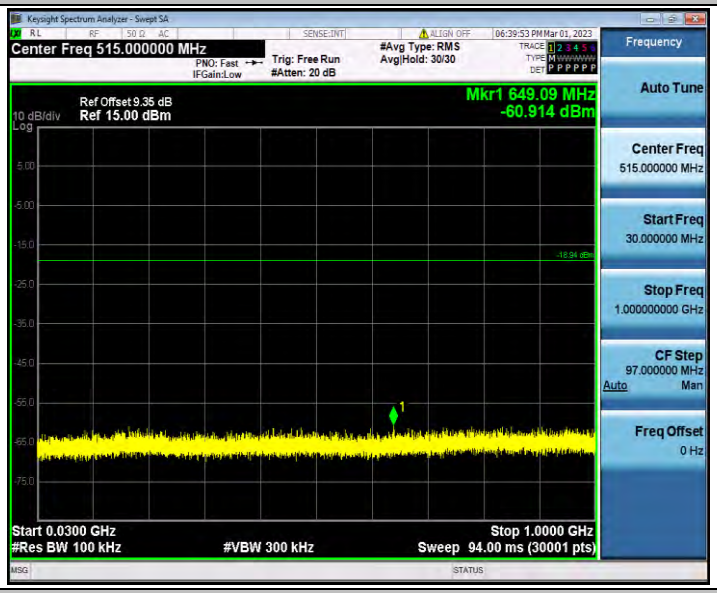
11G_Ant1_2412_30~1000



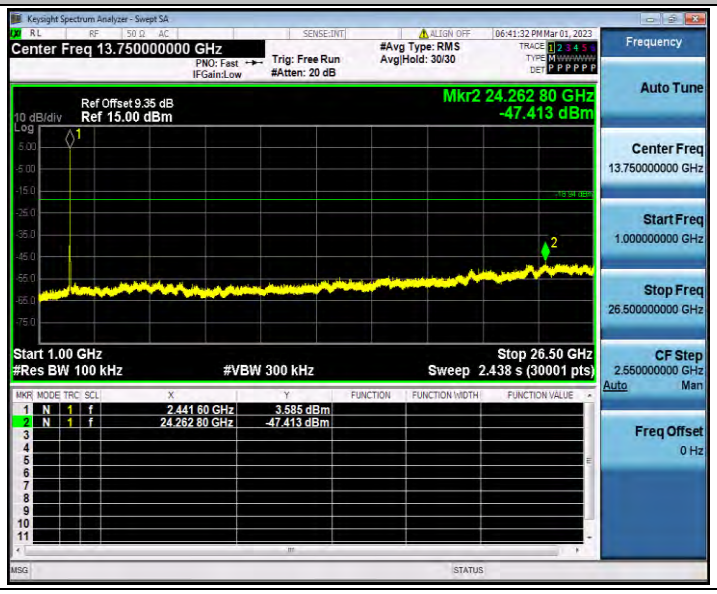
11G_Ant1_2412_1000~26500

11G_Ant1_2437_0~Reference

11G_Ant1_2437_30~1000

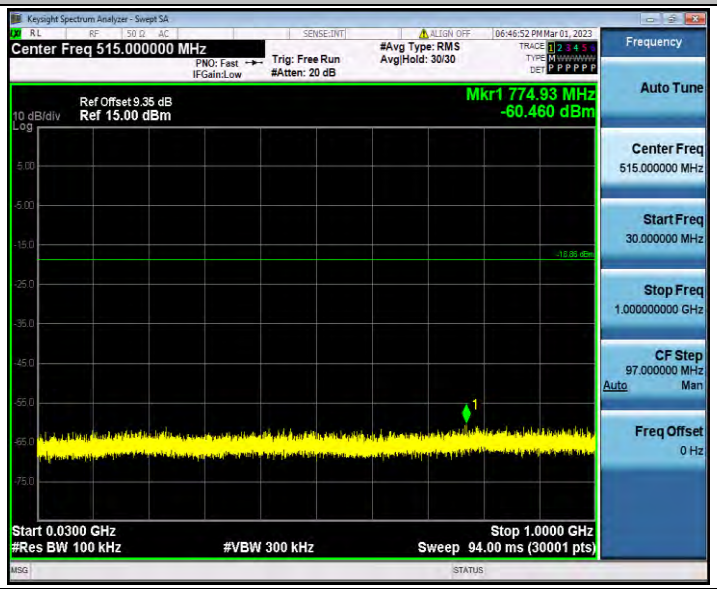


11G_Ant1_2437_1000~26500

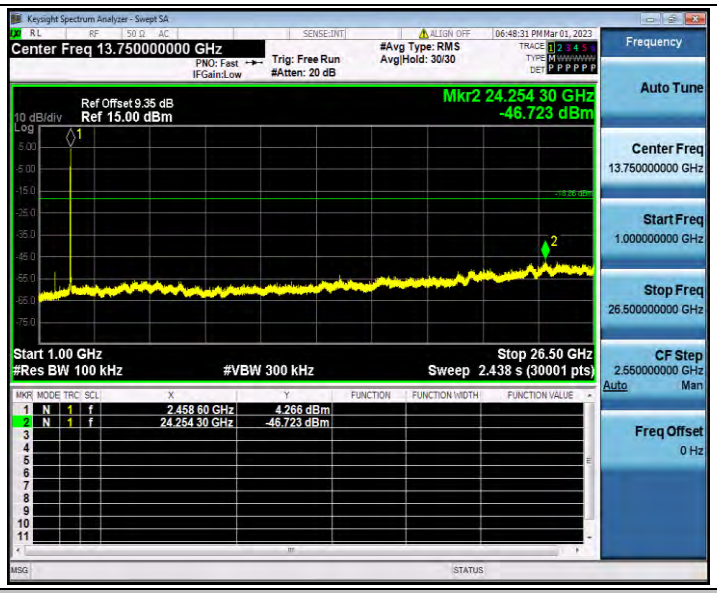


11G_Ant1_2462_0~Reference

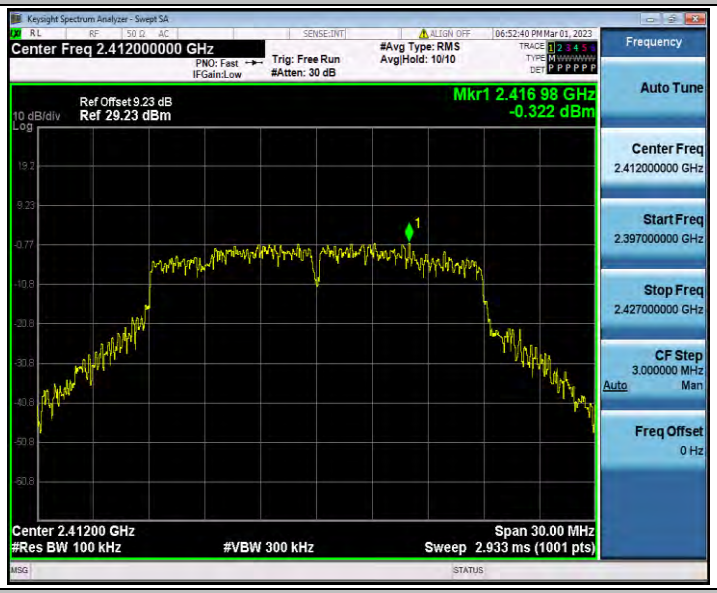
11G_Ant1_2462_30~1000



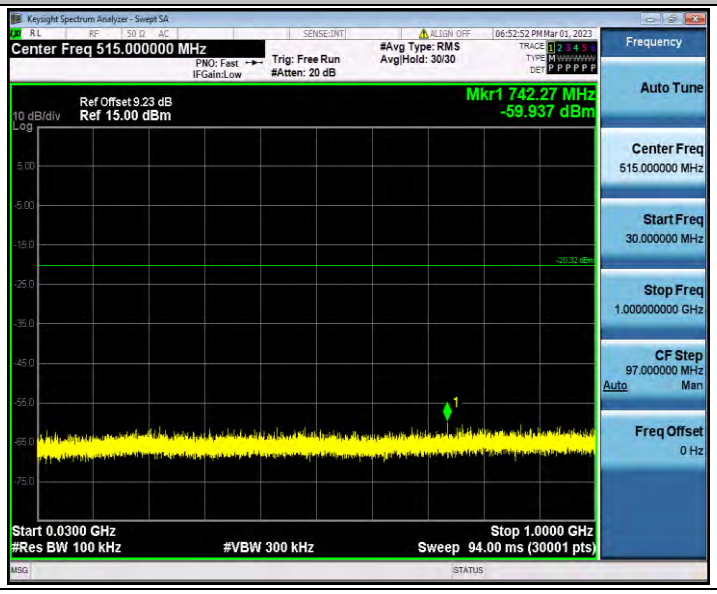
11G_Ant1_2462_1000~26500



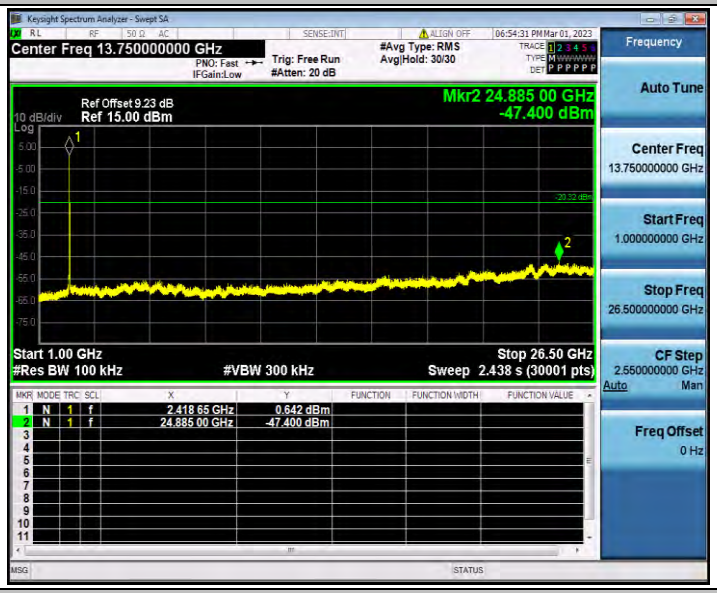
11N20SISO_Ant1_2412_0~Reference



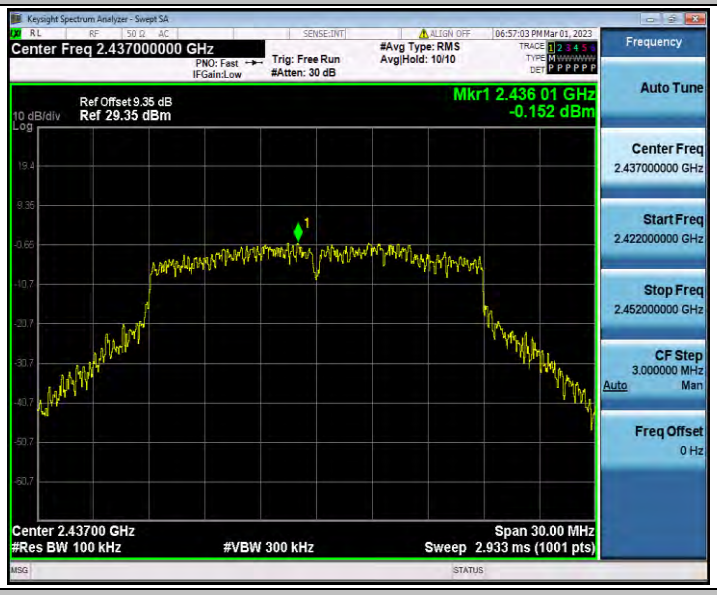
11N20SISO_Ant1_2412_30~1000



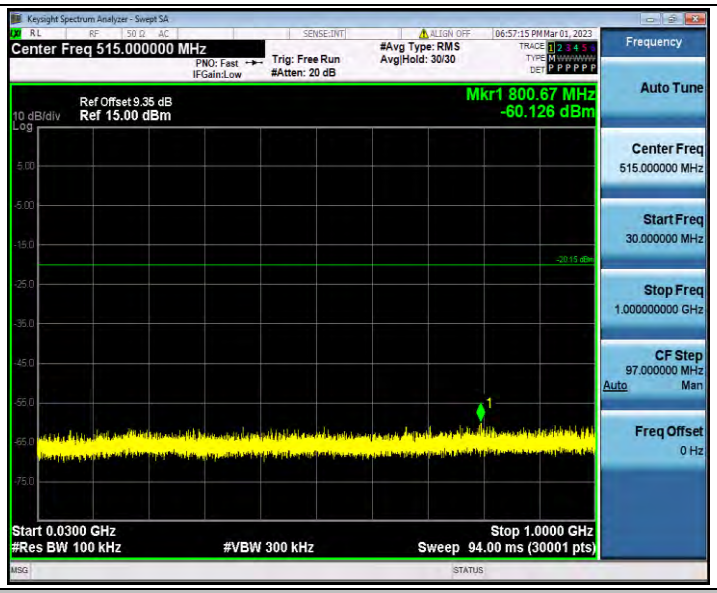
11N20SISO_Ant1_2412_1000~26500



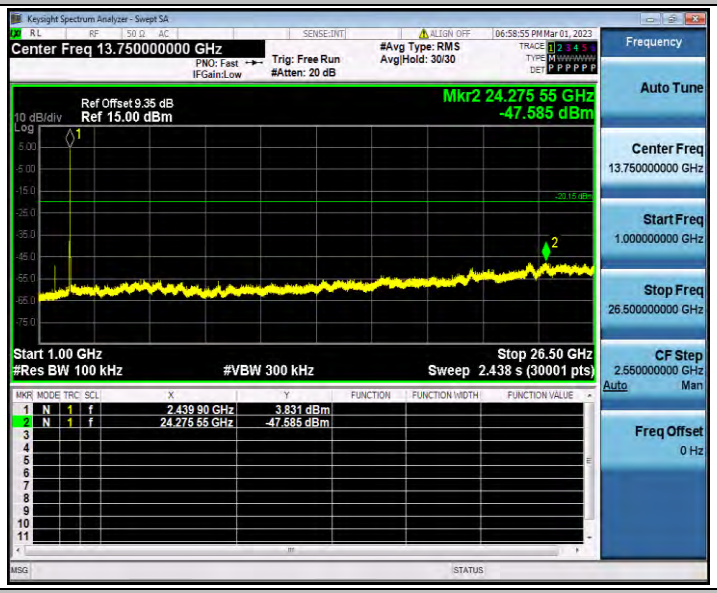
11N20SISO_Ant1_2437_0~Reference



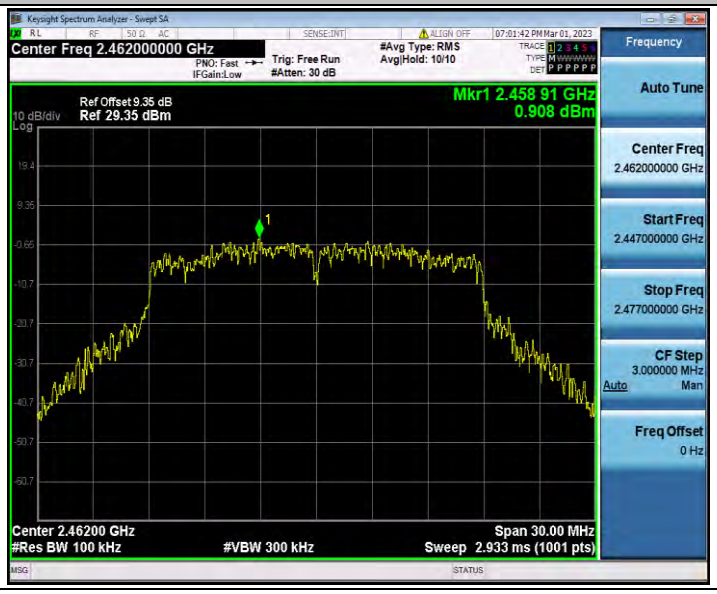
11N20SISO_Ant1_2437_30~1000



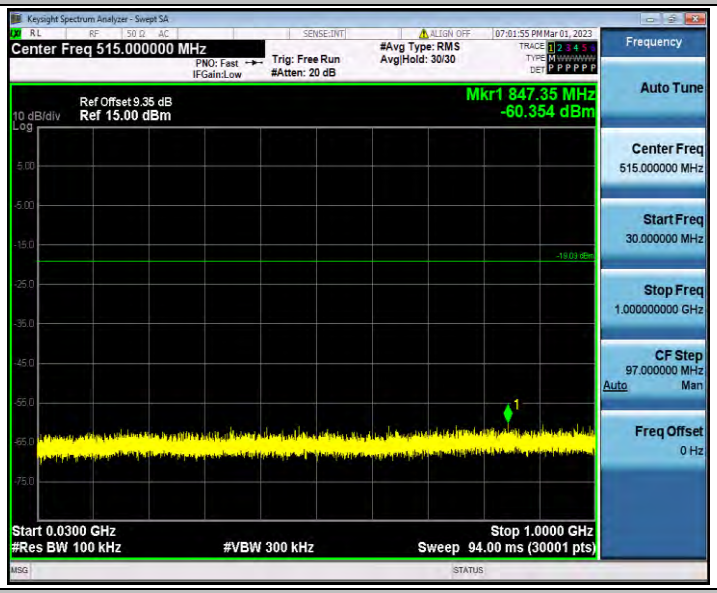
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



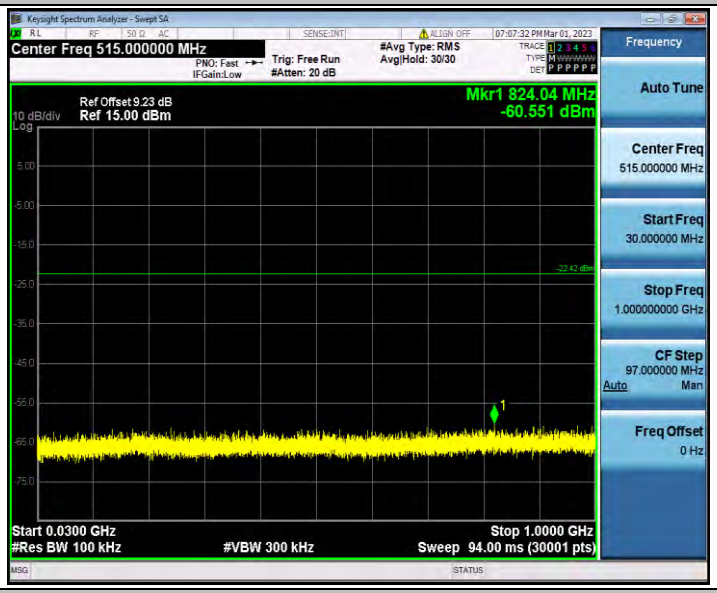
11N20SISO_Ant1_2462_30~1000



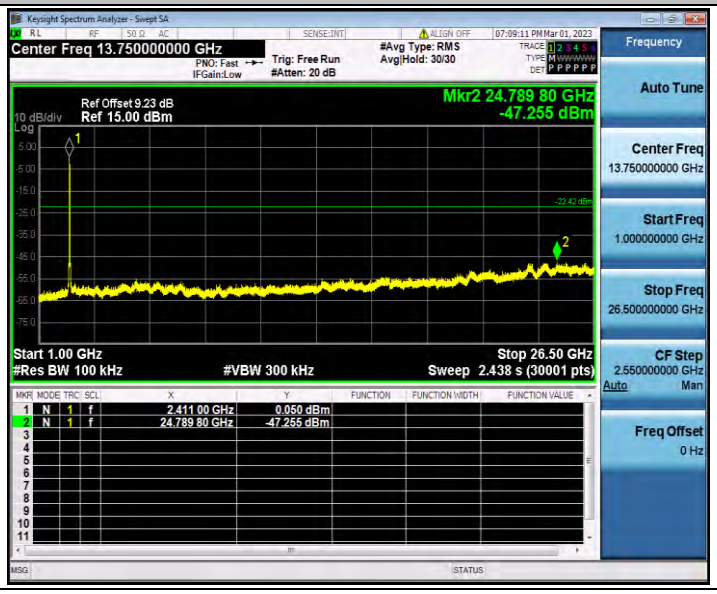
11N20SISO_Ant1_2462_1000~26500

11N40SISO_Ant1_2422_0~Reference

11N40SISO_Ant1_2422_30~1000

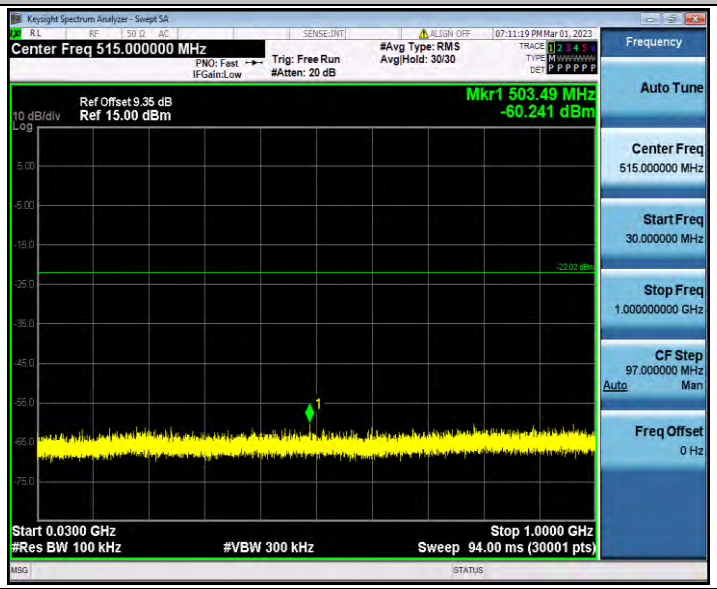


11N40SISO_Ant1_2422_1000~26500

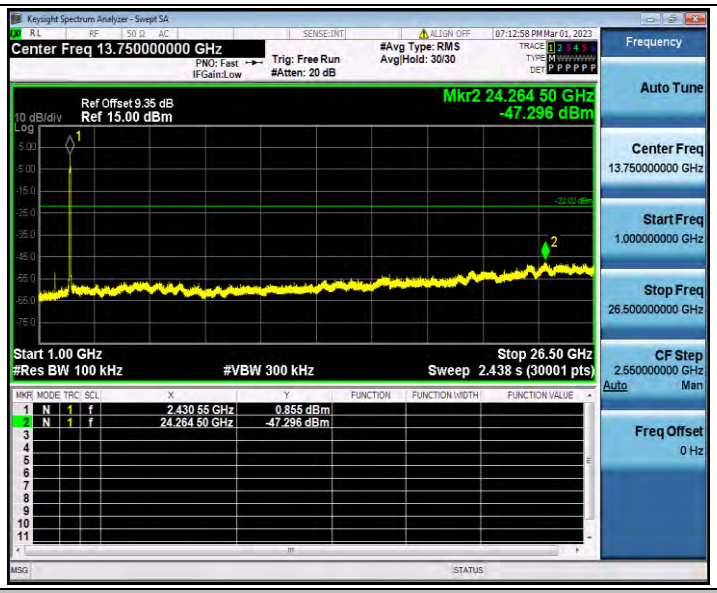


11N40SISO_Ant1_2437_0~Reference

11N40SISO_Ant1_2437_30~1000

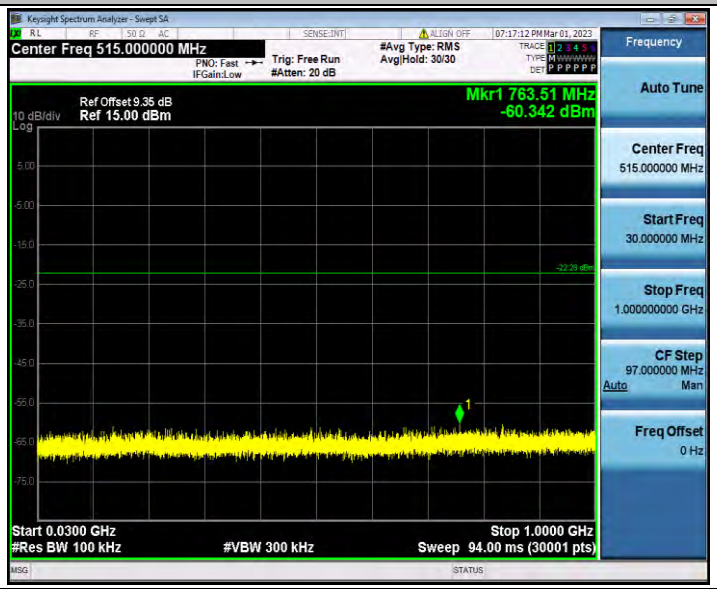


11N40SISO_Ant1_2437_1000~26500

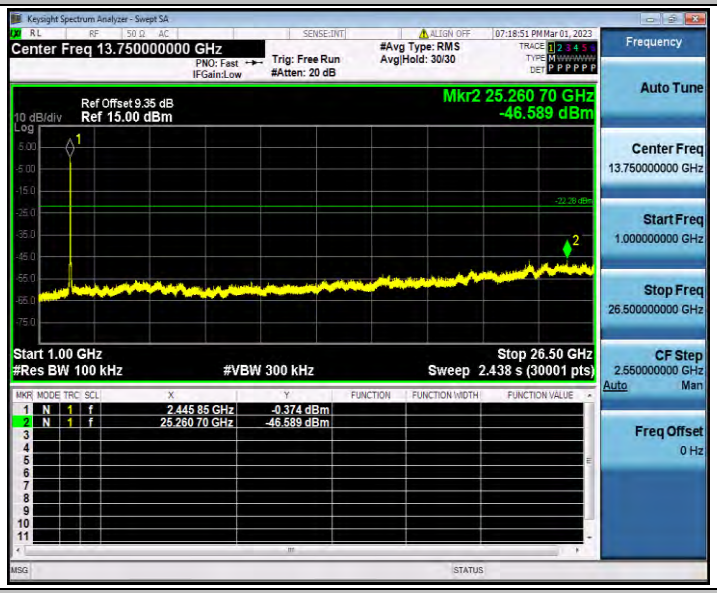


11N40SISO_Ant1_2452_0~Reference

11N40SISO_Ant1_2452_30~1000

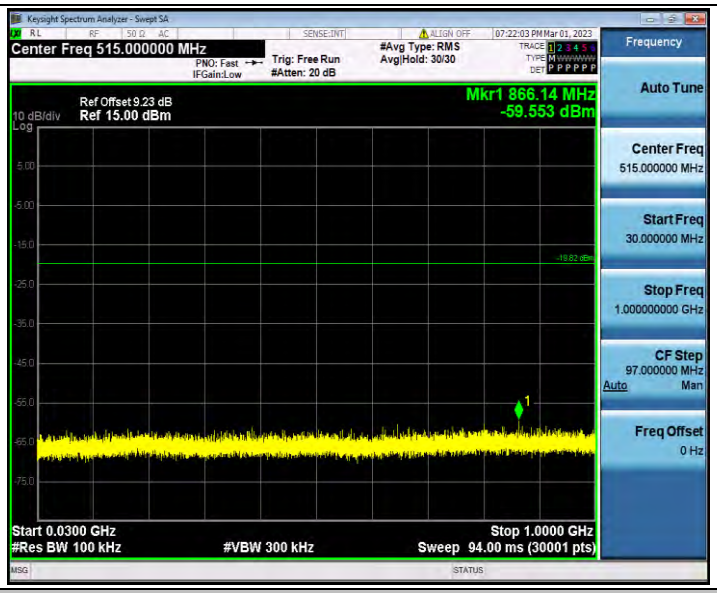


11N40SISO_Ant1_2452_1000~26500

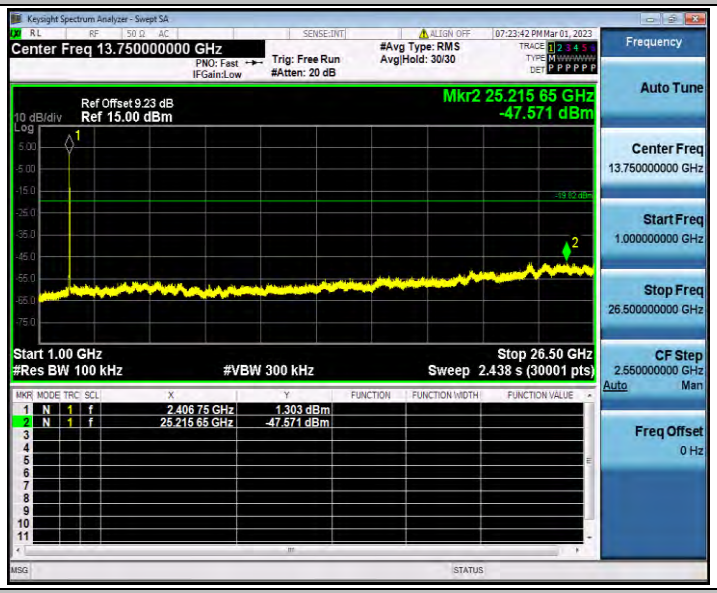


11AX20SISO_Ant1_2412_0~Reference

11AX20SISO_Ant1_2412_30~1000

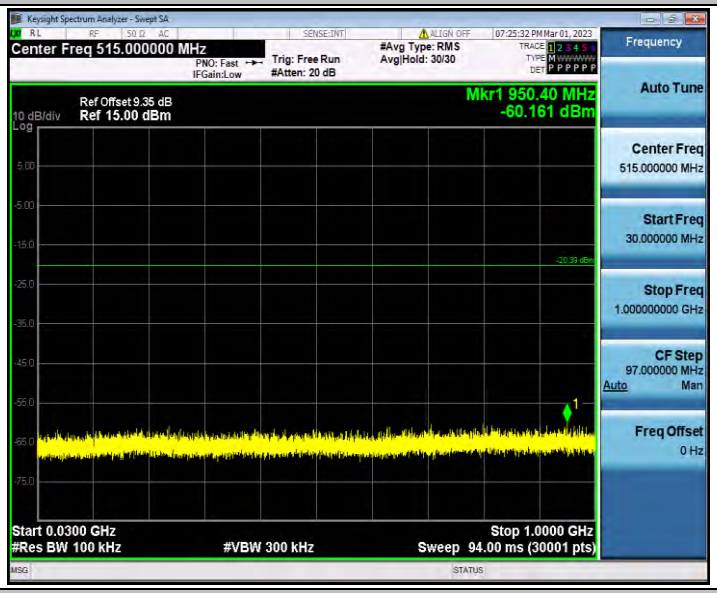


11AX20SISO_Ant1_2412_1000~26500



11AX20SISO_Ant1_2437_0~Reference

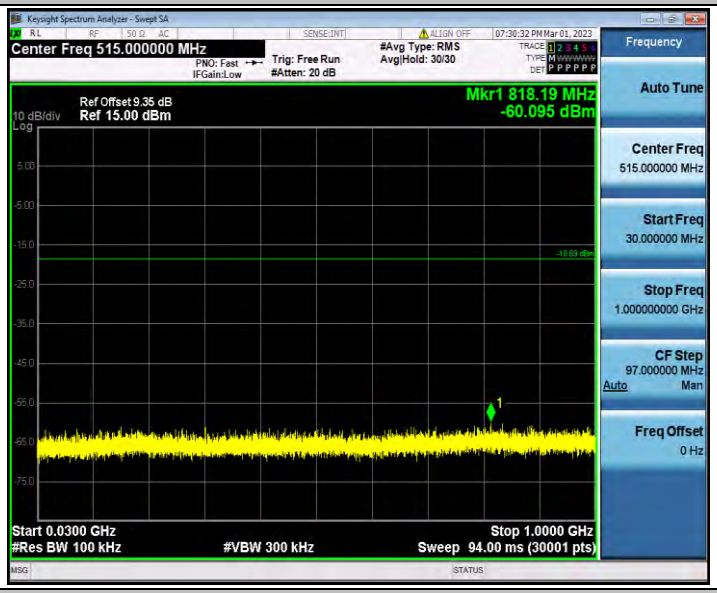
11AX20SISO_Ant1_2437_30~1000



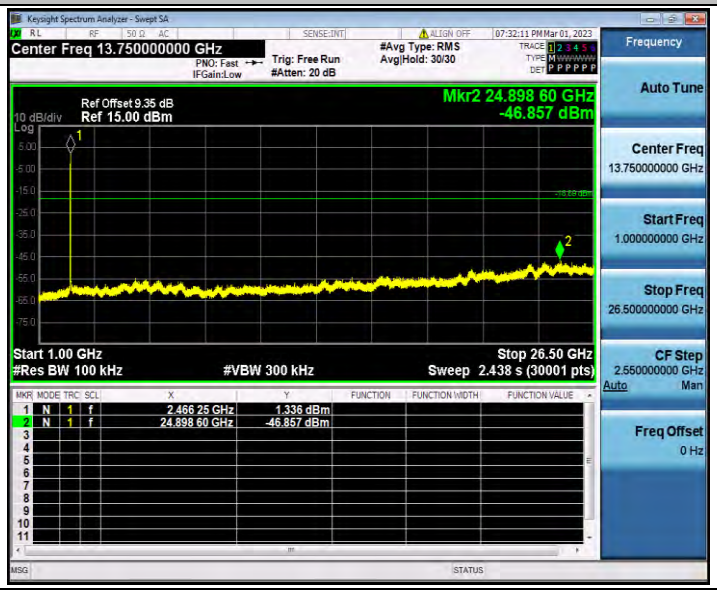
11AX20SISO_Ant1_2437_1000~26500

11AX20SISO_Ant1_2462_0~Reference

11AX20SISO_Ant1_2462_30~1000

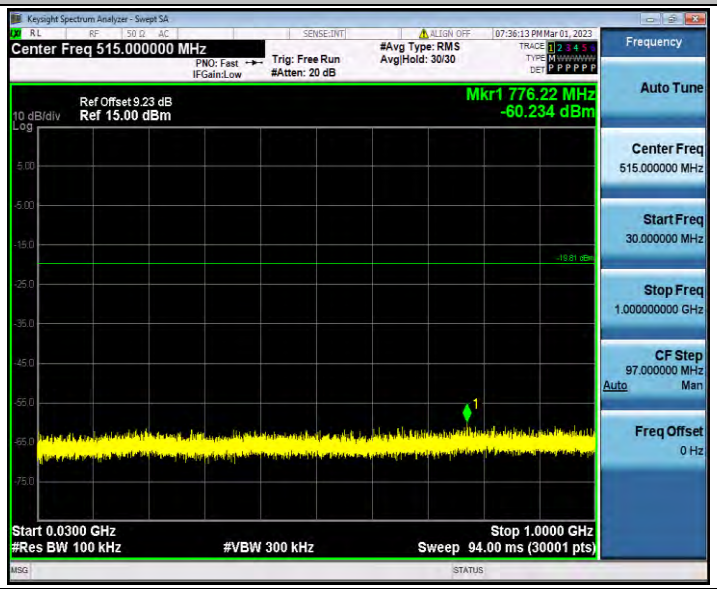


11AX20SISO_Ant1_2462_1000~26500

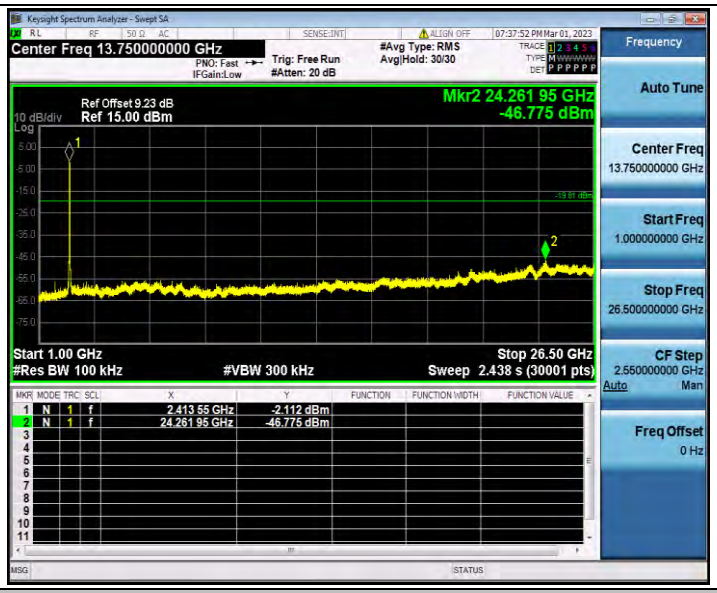


11AX40SISO_Ant1_2422_0~Reference

11AX40SISO_Ant1_2422_30~1000



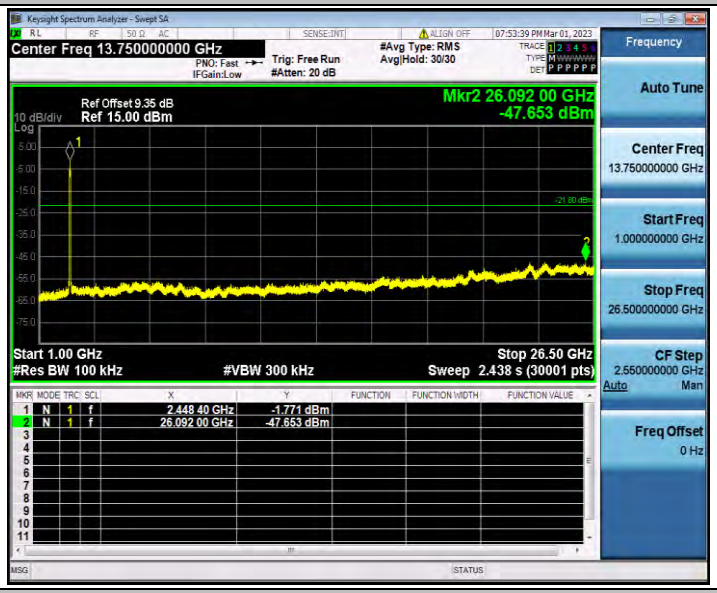
11AX40SISO_Ant1_2422_1000~26500



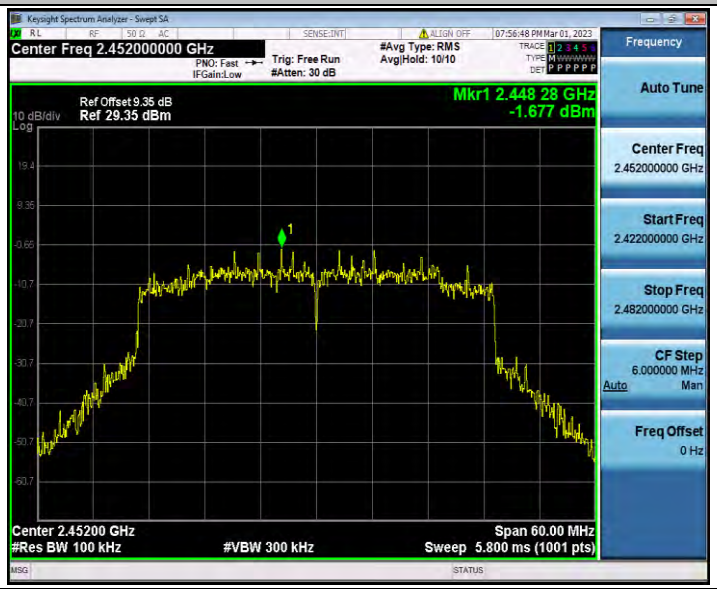
11AX40SISO_Ant1_2437_0~Reference

11AX40SISO_Ant1_2437_30~1000

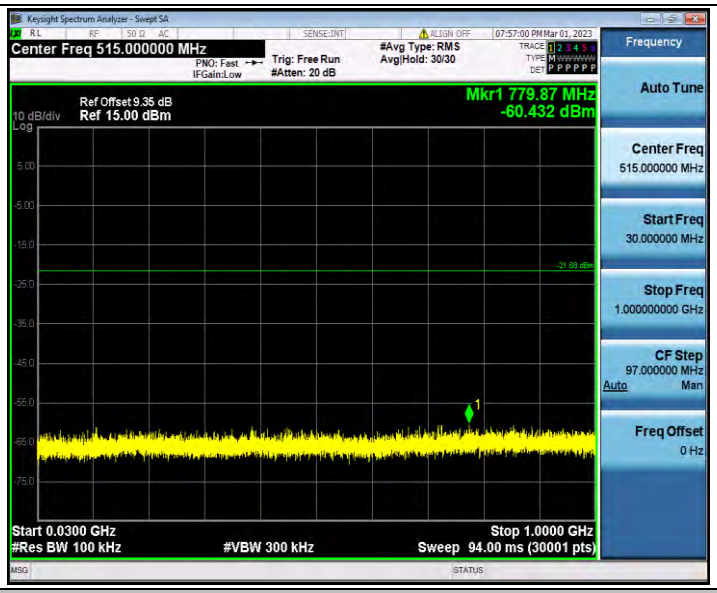
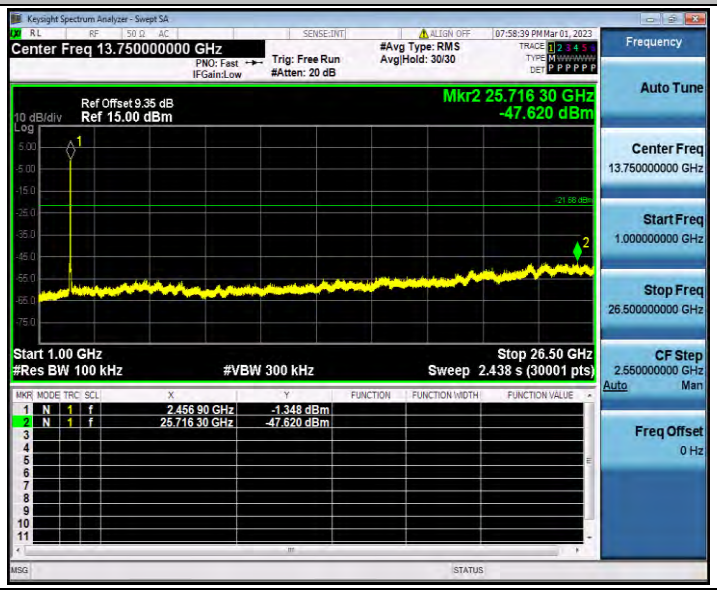
11AX40SISO_Ant1_2437_1000~26500



11AX40SISO_Ant1_2452_0~Reference



11AX40SISO_Ant1_2452_30~1000



11AX40SISO_Ant1_2452_1000~26500