

Appendix A.5: Band edge measurements

Test Result

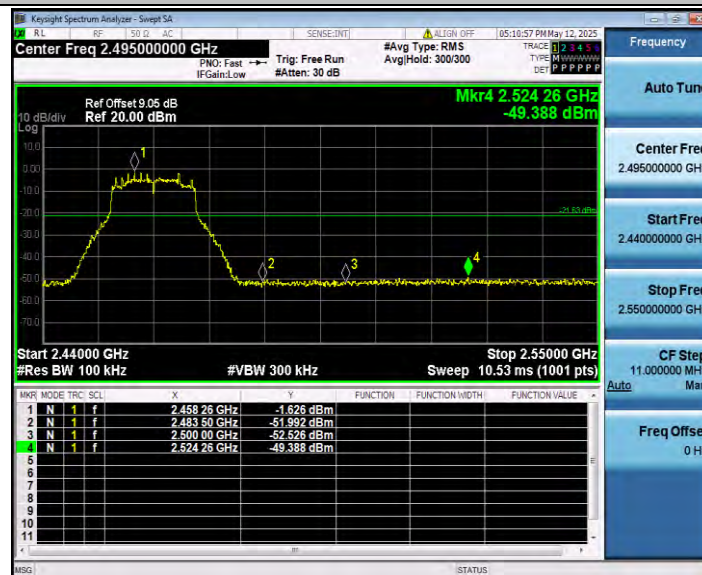
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	4.89	-41.71	≤ -15.11	PASS
		High	2462	4.82	-48.45	≤ -15.18	PASS
11G	Ant0	Low	2412	3.91	-27.09	≤ -16.1	PASS
		High	2462	-1.63	-49.39	≤ -21.63	PASS
11N20SISO	Ant0	Low	2412	-2.23	-30.65	≤ -22.23	PASS
		High	2462	-2.39	-48.35	≤ -22.39	PASS
11N40SISO	Ant0	Low	2422	-4.72	-35.56	≤ -24.72	PASS
		High	2452	-4.20	-49.21	≤ -24.2	PASS
11AX20SISO	Ant0	Low	2412	-2.22	-31.39	≤ -22.22	PASS
		High	2462	-1.48	-37.98	≤ -21.48	PASS
11AX40SISO	Ant0	Low	2422	-5.45	-35.9	≤ -25.45	PASS
		High	2452	-5.09	-49.63	≤ -25.09	PASS

Test Graphs

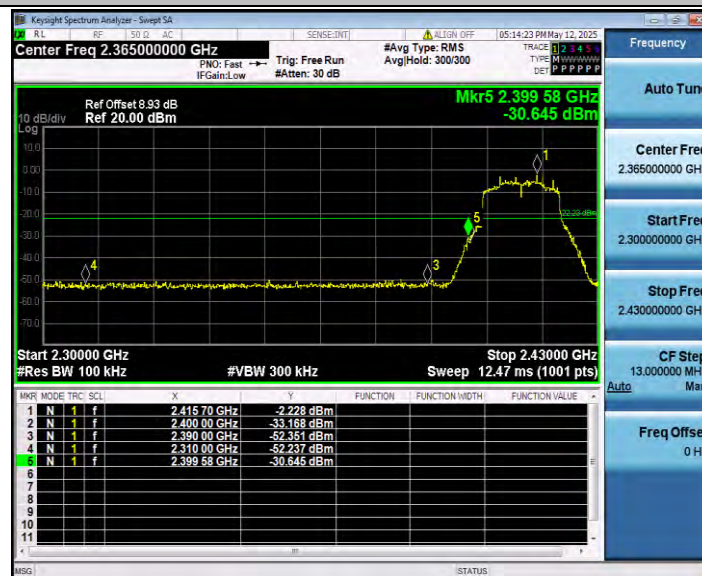




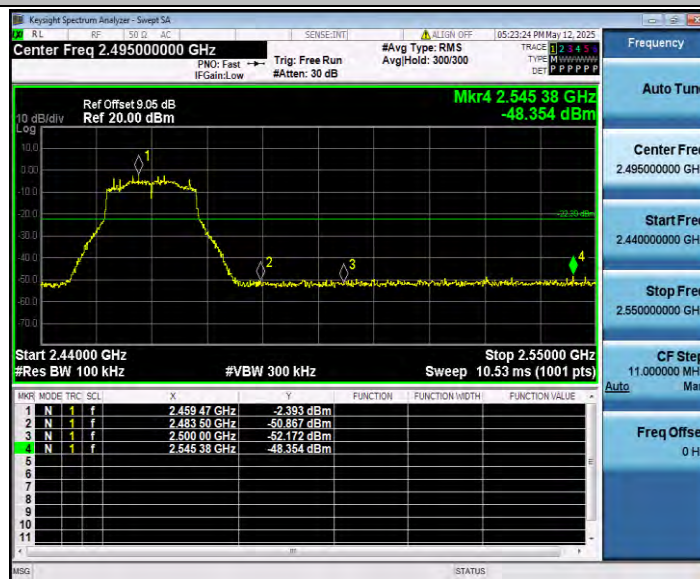
11G_Ant0_High_2462



11N20SISO_Ant0_Low_2412



11N20SISO_Ant0_High_2462



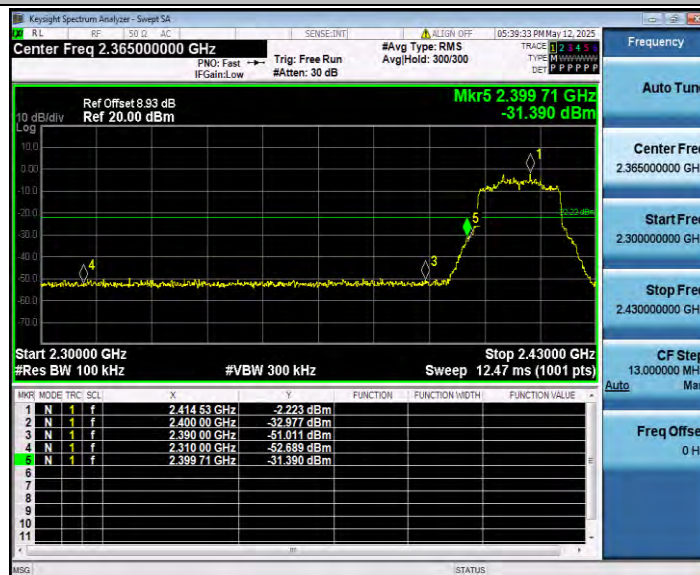
11N40SISO_Ant0_Low_2422



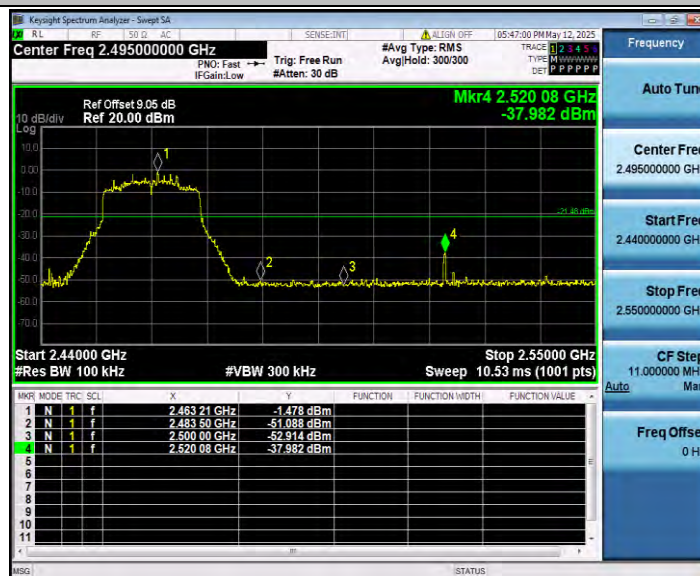
11N40SISO_Ant0_High_2452



11AX20SISO_Ant0_Low_2412



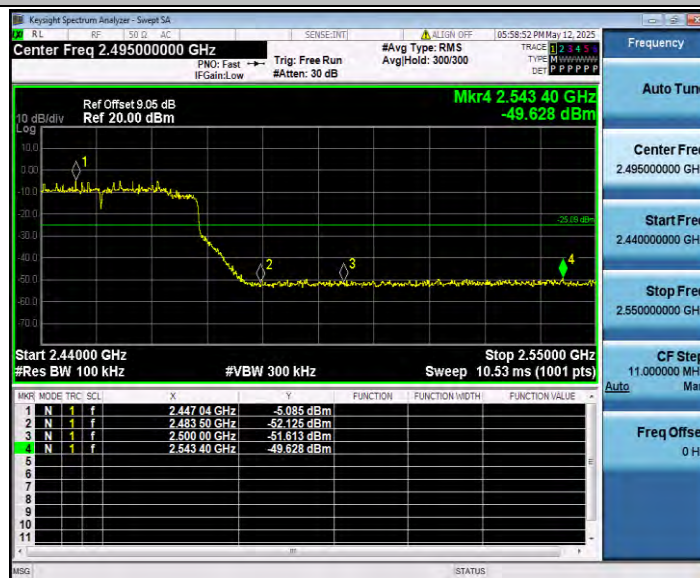
11AX20SISO_Ant0_High_2462



11AX40SISO_Ant0_Low_2422



11AX40SISO_Ant0_High_2452



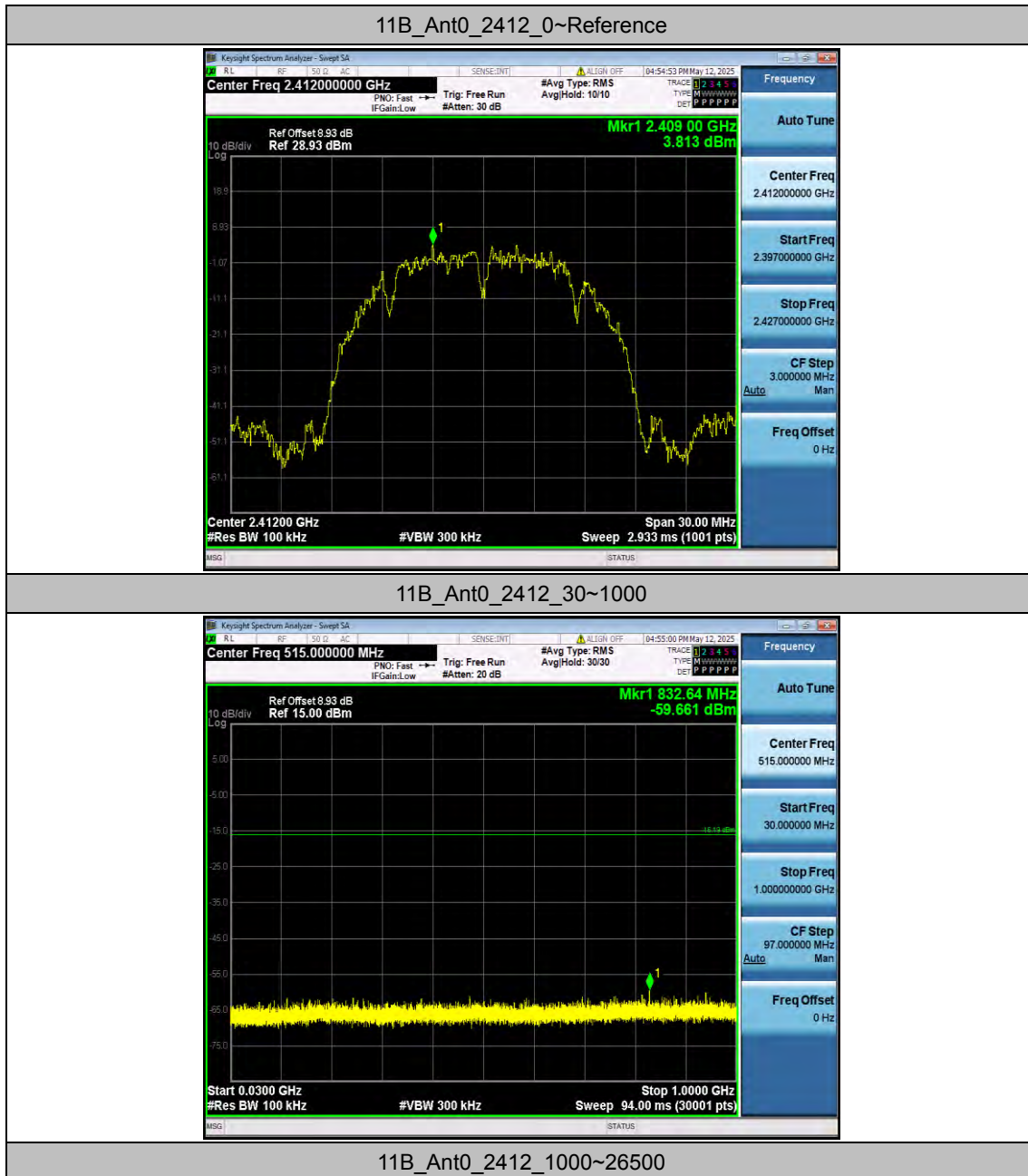
Appendix A.6: Conducted Spurious Emission

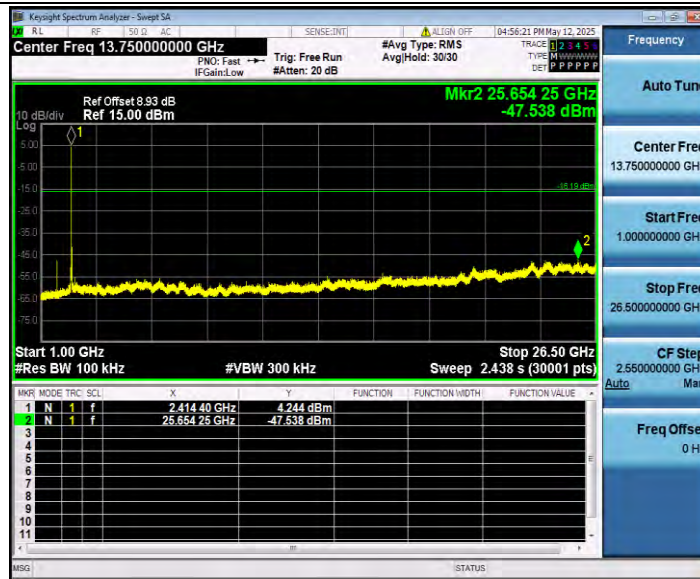
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	3.81	3.81	---	PASS
			30~1000	3.81	-59.66	≤ -16.19	PASS
			1000~26500	3.81	-47.54	≤ -16.19	PASS
		2437	Reference	3.90	3.90	---	PASS
			30~1000	3.90	-60.5	≤ -16.1	PASS
			1000~26500	3.90	-47.37	≤ -16.1	PASS
		2462	Reference	4.06	4.06	---	PASS
			30~1000	4.06	-60.42	≤ -15.94	PASS
			1000~26500	4.06	-47.37	≤ -15.94	PASS
11G	Ant0	2412	Reference	0.47	0.47	---	PASS
			30~1000	0.47	-60.96	≤ -19.53	PASS
			1000~26500	0.47	-47.77	≤ -19.53	PASS
		2437	Reference	-5.07	-5.07	---	PASS
			30~1000	-5.07	-60.31	≤ -25.07	PASS
			1000~26500	-5.07	-47.66	≤ -25.07	PASS
		2462	Reference	-4.91	-4.91	---	PASS
			30~1000	-4.91	-60.11	≤ -24.91	PASS
			1000~26500	-4.91	-48.09	≤ -24.91	PASS
11N20SISO	Ant0	2412	Reference	-5.24	-5.24	---	PASS
			30~1000	-5.24	-60.6	≤ -25.24	PASS
			1000~26500	-5.24	-47.59	≤ -25.24	PASS
		2437	Reference	-5.46	-5.46	---	PASS
			30~1000	-5.46	-60.92	≤ -25.46	PASS
			1000~26500	-5.46	-47.41	≤ -25.46	PASS
		2462	Reference	-5.30	-5.30	---	PASS
			30~1000	-5.30	-60.82	≤ -25.3	PASS
			1000~26500	-5.30	-47.84	≤ -25.3	PASS
11N40SISO	Ant0	2422	Reference	-8.14	-8.14	---	PASS
			30~1000	-8.14	-60.81	≤ -28.14	PASS
			1000~26500	-8.14	-47.89	≤ -28.14	PASS
		2437	Reference	-6.21	-6.21	---	PASS
			30~1000	-6.21	-59.81	≤ -26.21	PASS
			1000~26500	-6.21	-47.82	≤ -26.21	PASS
		2452	Reference	-7.06	-7.06	---	PASS
			30~1000	-7.06	-59.37	≤ -27.06	PASS
			1000~26500	-7.06	-47.4	≤ -27.06	PASS

11AX20SISO	Ant0	2412	Reference	-3.96	-3.96	---	PASS
			30~1000	-3.96	-60.48	≤ -23.96	PASS
			1000~26500	-3.96	-47.85	≤ -23.96	PASS
		2437	Reference	-4.03	-4.03	---	PASS
			30~1000	-4.03	-60.19	≤ -24.03	PASS
			1000~26500	-4.03	-47.49	≤ -24.03	PASS
		2462	Reference	-5.31	-5.31	---	PASS
			30~1000	-5.31	-60.45	≤ -25.31	PASS
			1000~26500	-5.31	-46.78	≤ -25.31	PASS
11AX40SISO	Ant0	2422	Reference	-6.50	-6.50	---	PASS
			30~1000	-6.50	-60.83	≤ -26.5	PASS
			1000~26500	-5.31	-46.78	≤ -25.31	PASS
		2437	Reference	-7.77	-7.77	---	PASS
			30~1000	-7.77	-60.49	≤ -27.77	PASS
			1000~26500	-7.77	-38.76	≤ -27.77	PASS
		2452	Reference	-6.37	-6.37	---	PASS
			30~1000	-6.37	-60.53	≤ -26.37	PASS
			1000~26500	-6.37	-47.04	≤ -26.37	PASS

Test Graphs

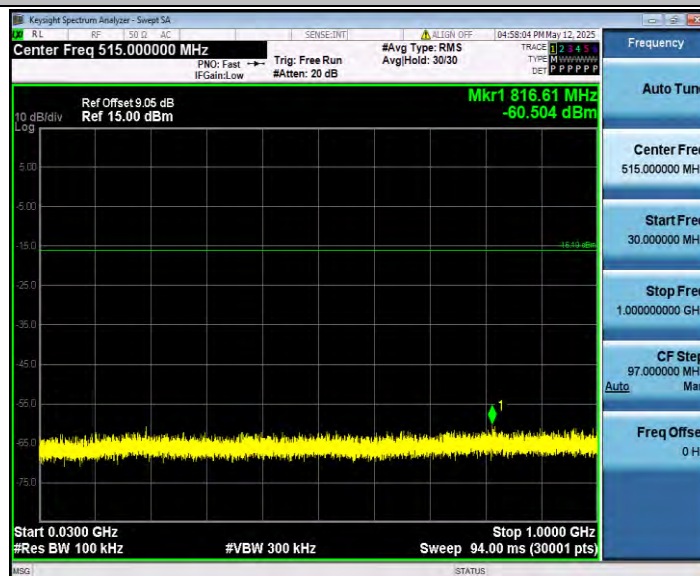




11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



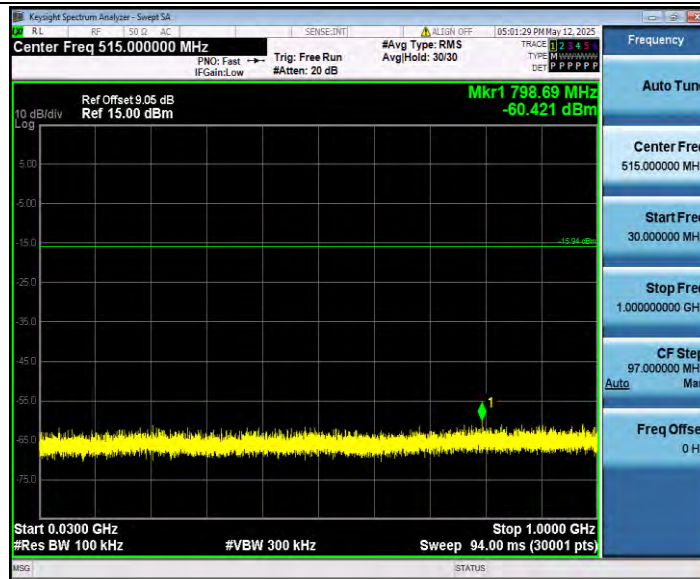
11B_Ant0_2437_1000~26500



11B_Ant0_2462_0~Reference



11B_Ant0_2462_30~1000

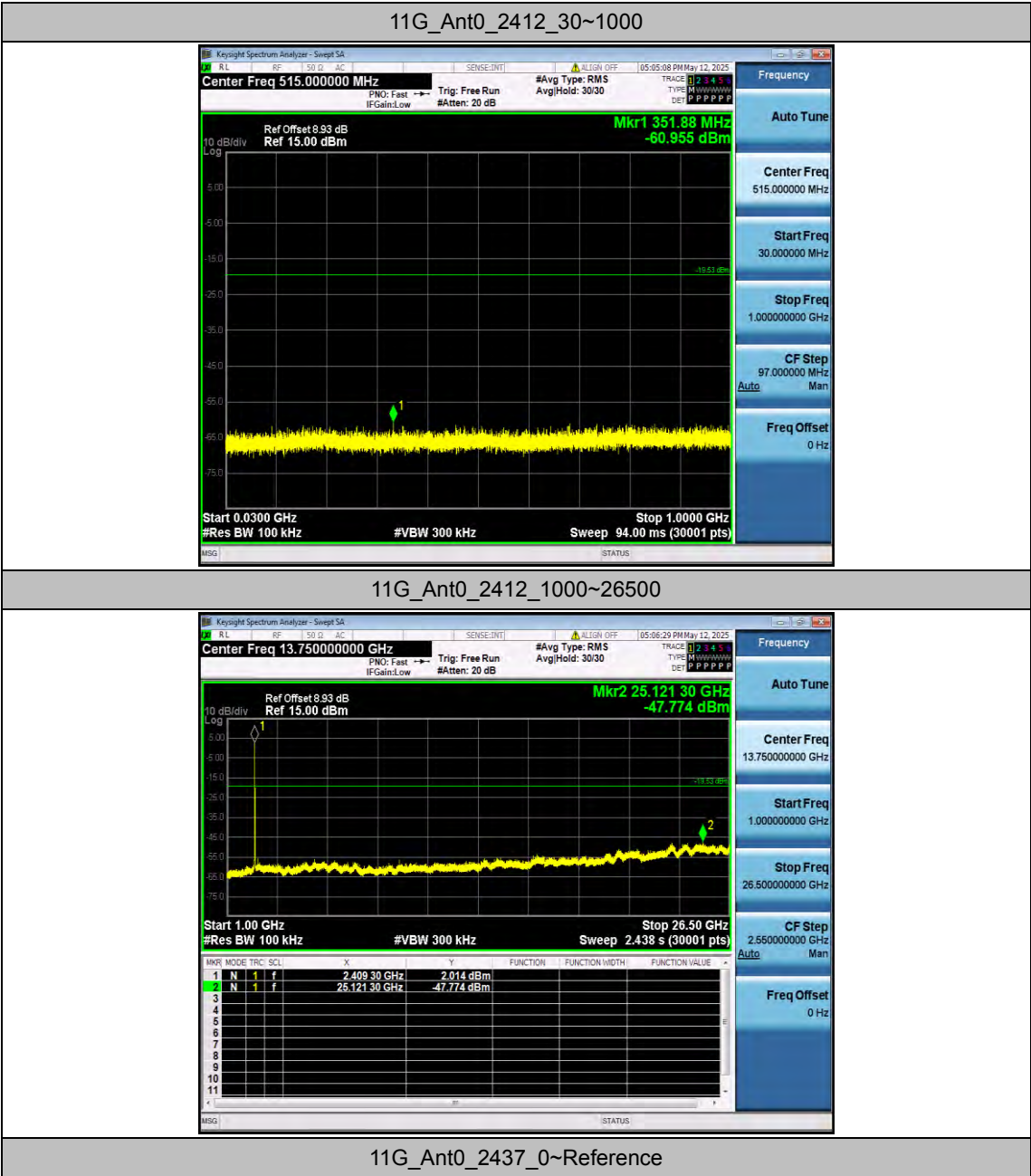


11B_Ant0_2462_1000~26500



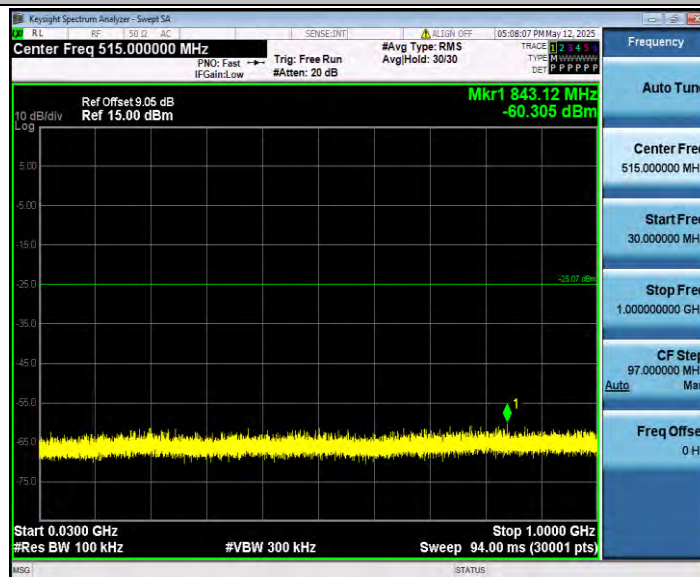
11G_Ant0_2412_0~Reference







11G_Ant0_2437_30~1000



11G_Ant0_2437_1000~26500



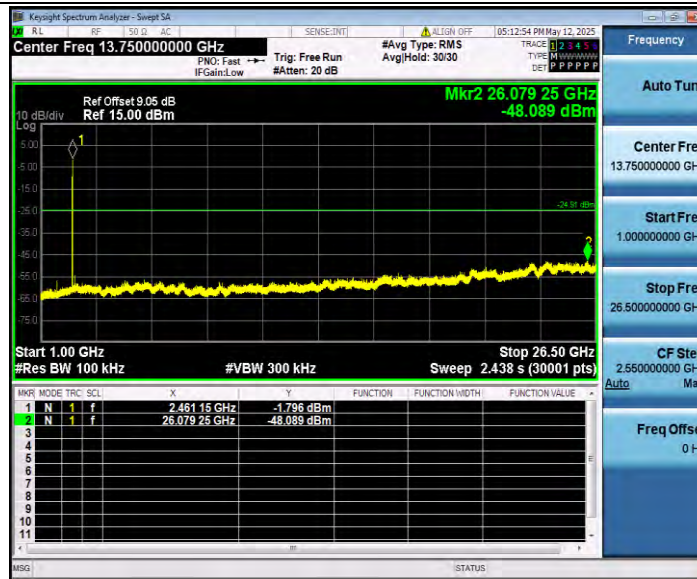
11G_Ant0_2462_0~Reference



11G_Ant0_2462_30~1000



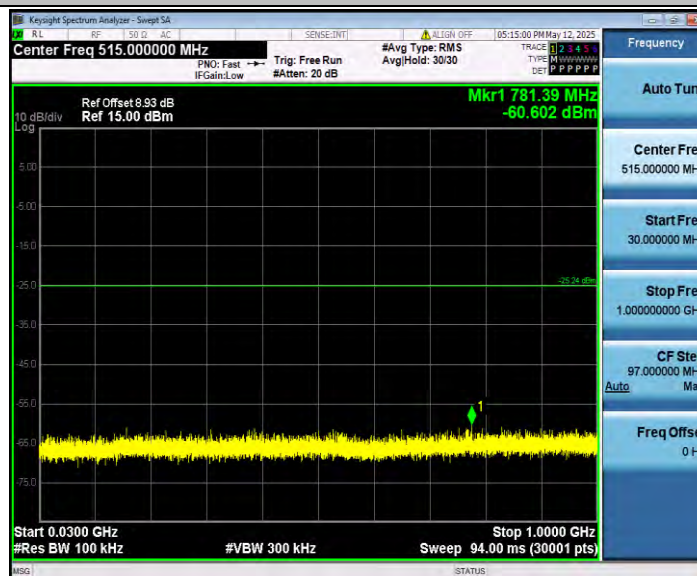
11G_Ant0_2462_1000~26500



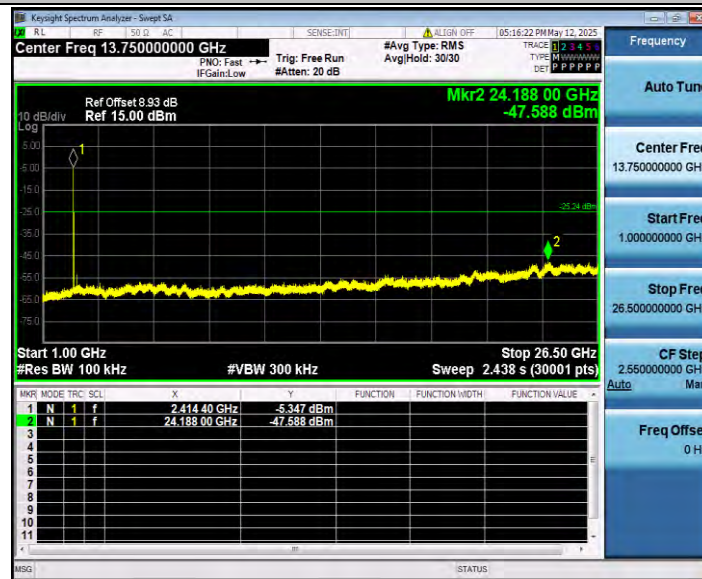
11N20SISO_Ant0_2412_0~Reference



11N20SISO_Ant0_2412_30~1000



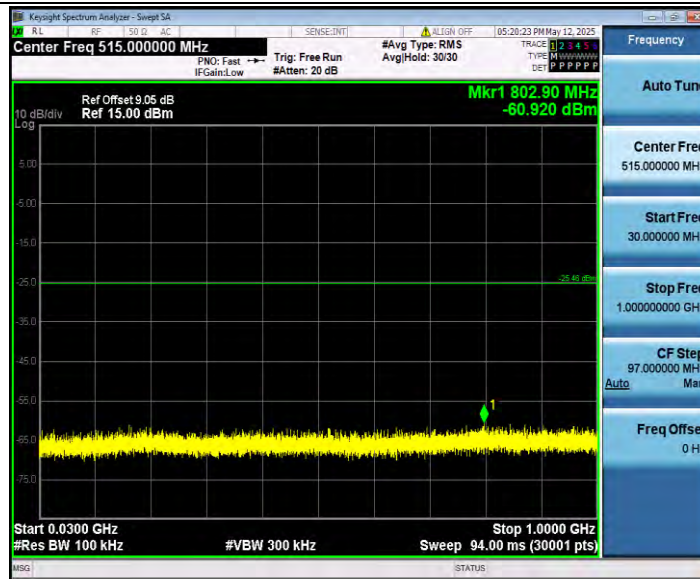
11N20SISO_Ant0_2412_1000~26500



11N20SISO_Ant0_2437_0~Reference



11N20SISO_Ant0_2437_30~1000

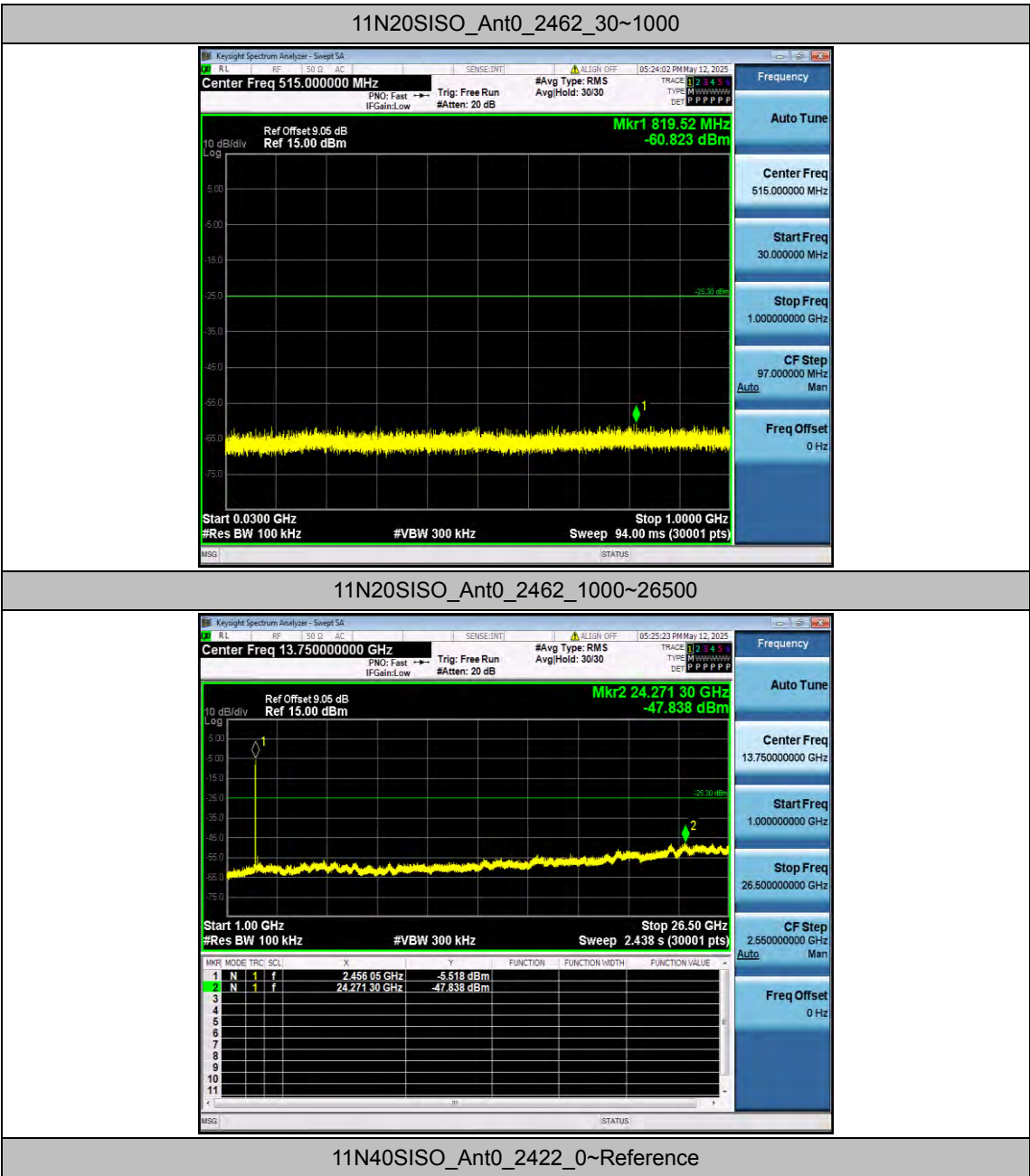


11N20SISO_Ant0_2437_1000~26500



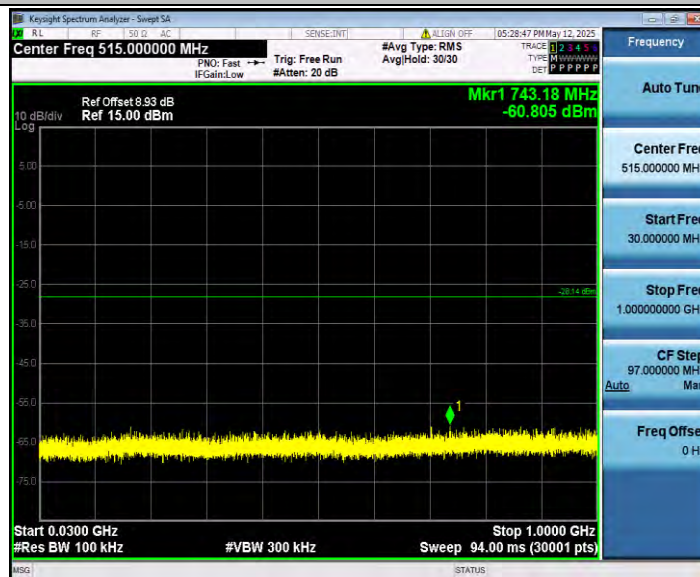
11N20SISO_Ant0_2462_0~Reference







11N40SISO_Ant0_2422_30~1000



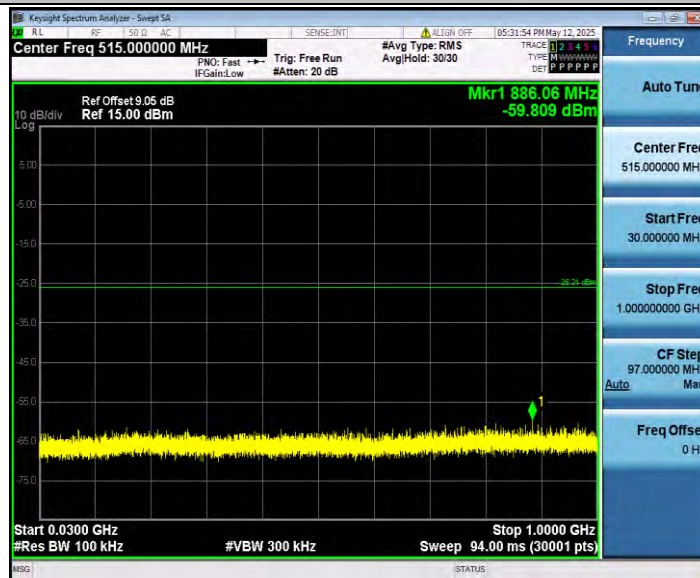
11N40SISO_Ant0_2422_1000~26500



11N40SISO_Ant0_2437_0~Reference



11N40SISO_Ant0_2437_30~1000



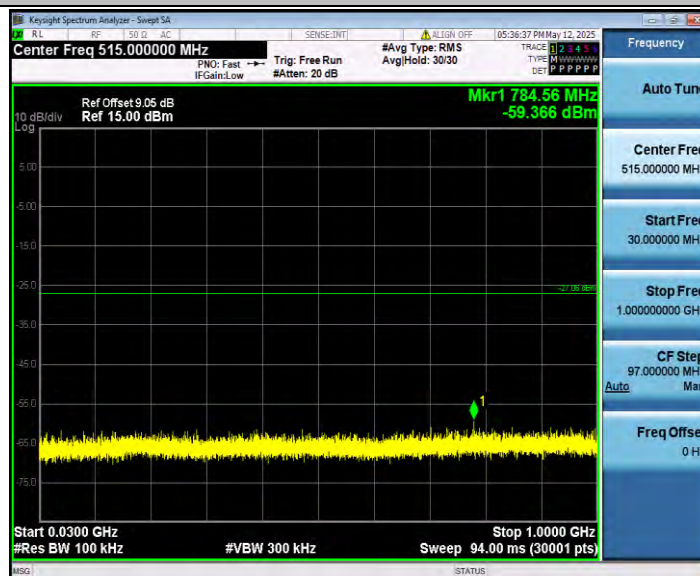
11N40SISO_Ant0_2437_1000~26500



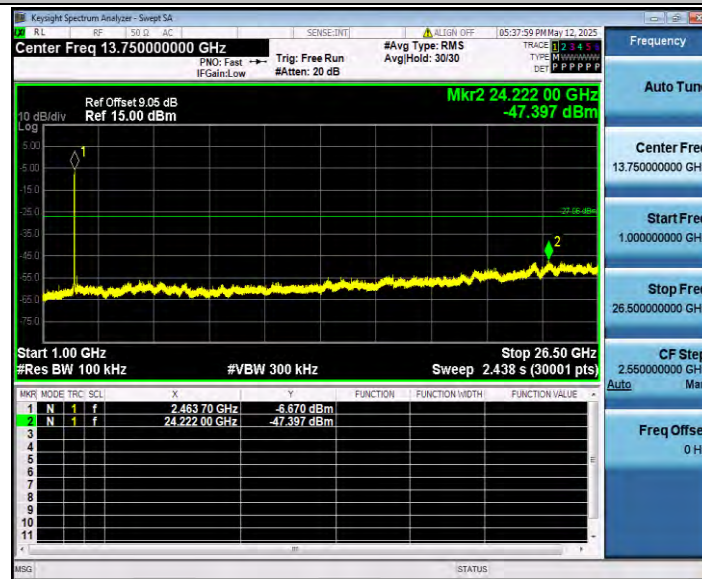
11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000



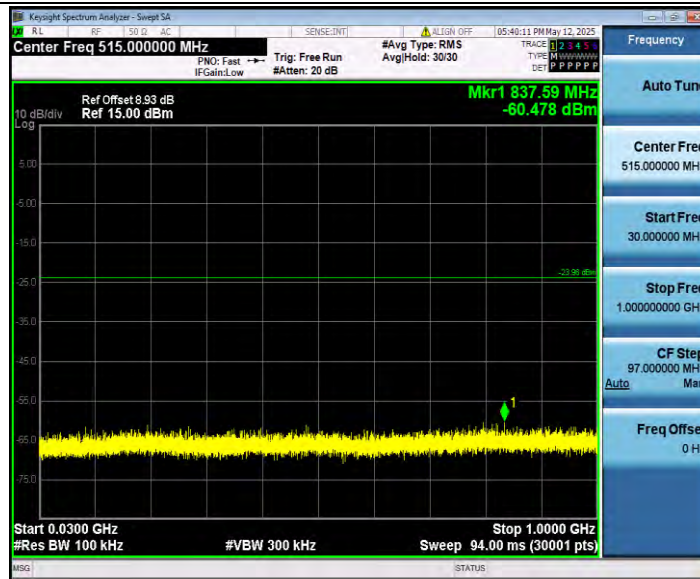
11N40SISO_Ant0_2452_1000~26500



11AX20SISO_Ant0_2412_0~Reference



11AX20SISO_Ant0_2412_30~1000

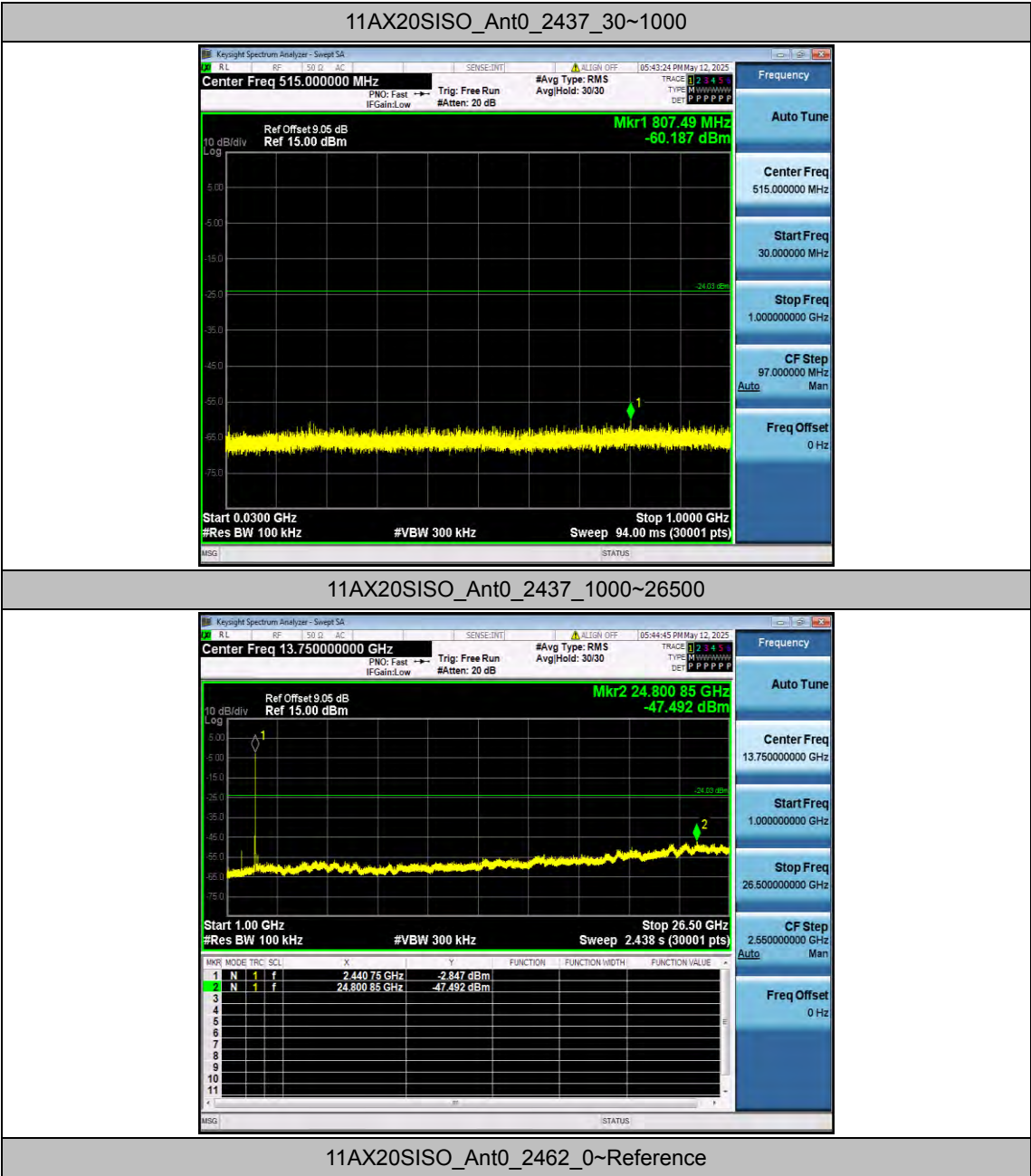


11AX20SISO_Ant0_2412_1000~26500



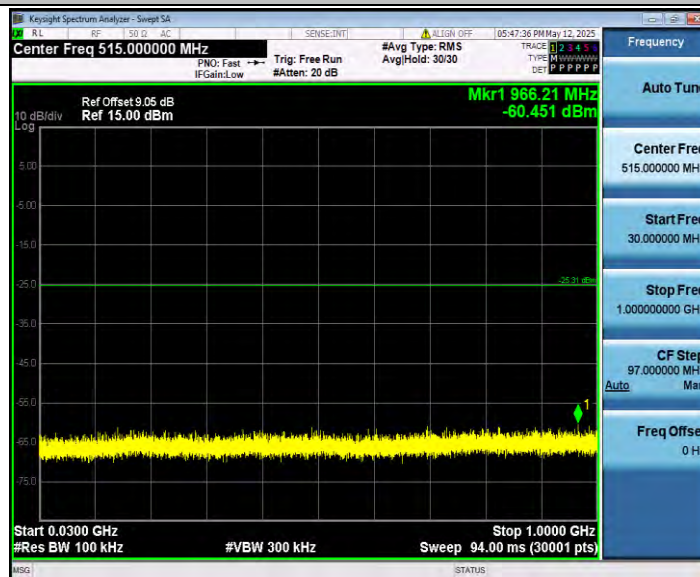
11AX20SISO_Ant0_2437_0~Reference







11AX20SISO_Ant0_2462_30~1000



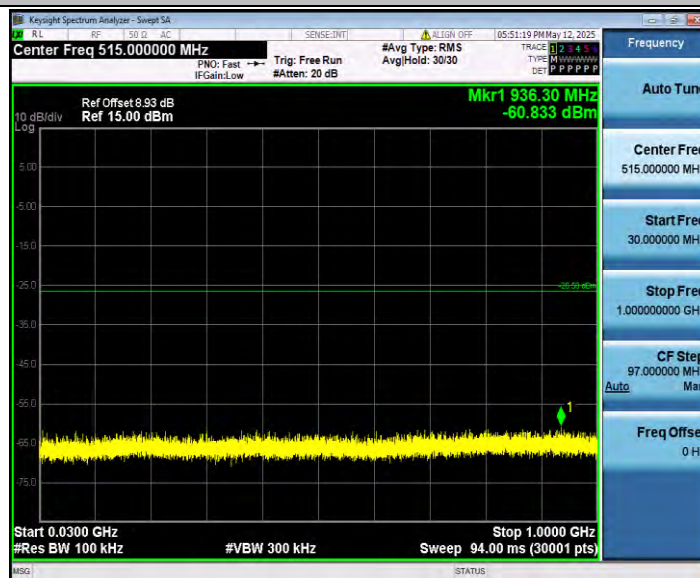
11AX20SISO_Ant0_2462_1000~26500



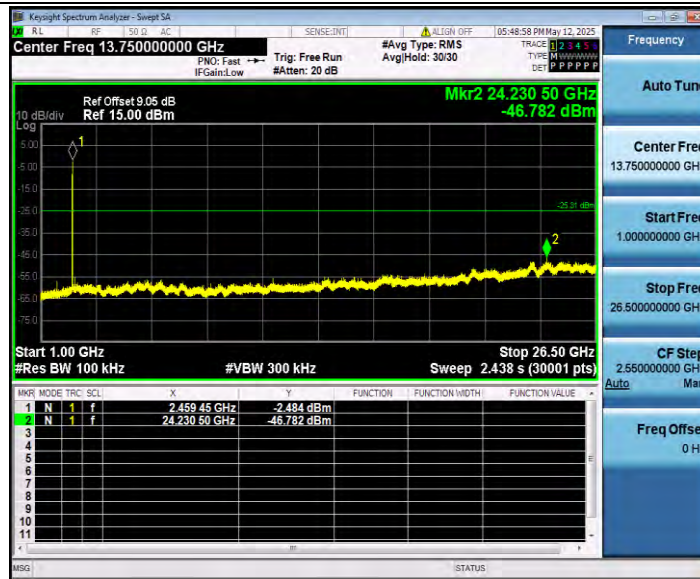
11AX40SISO_Ant0_2422_0~Reference



11AX40SISO_Ant0_2422_30~1000



11AX40SISO_Ant0_2422_1000~26500



11AX40SISO_Ant0_2437_0-Reference



11AX40SISO_Ant0_2437_30~1000

