

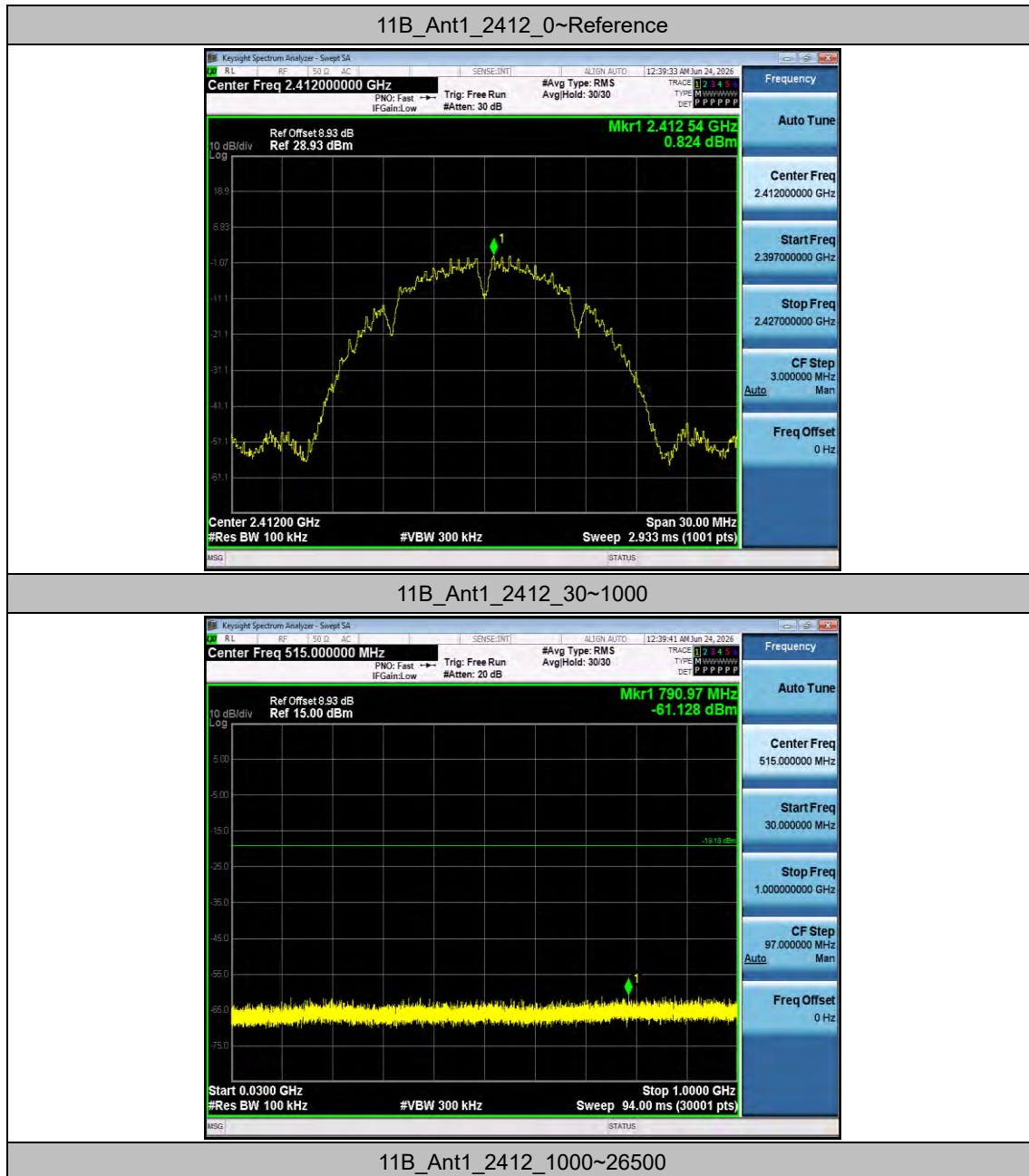
Appendix A.6: Conducted Spurious Emission

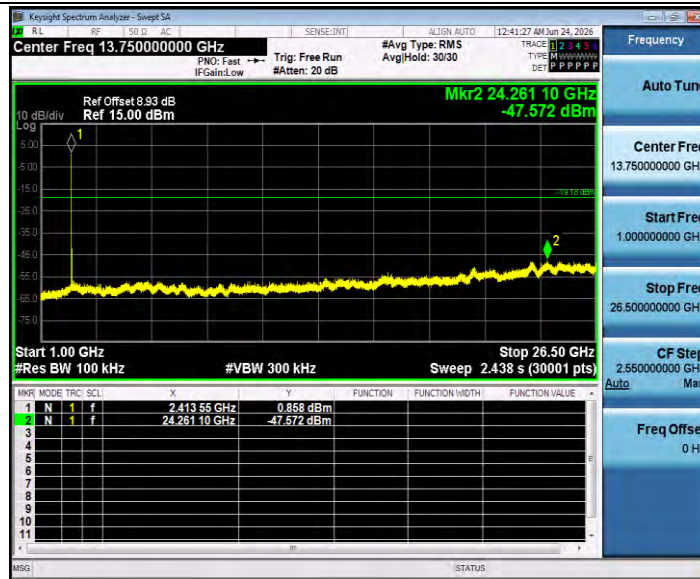
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.82	0.82	---	PASS
			30~1000	0.82	-61.13	≤ -19.18	PASS
			1000~26500	0.82	-47.57	≤ -19.18	PASS
		2437	Reference	1.73	1.73	---	PASS
			30~1000	1.73	-60.67	≤ -18.27	PASS
			1000~26500	1.73	-47.59	≤ -18.27	PASS
		2462	Reference	2.82	2.82	---	PASS
			30~1000	2.82	-60.71	≤ -17.18	PASS
			1000~26500	2.82	-47.67	≤ -17.18	PASS
11G	Ant1	2412	Reference	-2.19	-2.19	---	PASS
			30~1000	-2.19	-60.39	≤ -22.19	PASS
			1000~26500	-2.19	-47.35	≤ -22.19	PASS
		2437	Reference	-3.65	-3.65	---	PASS
			30~1000	-3.65	-60.85	≤ -23.65	PASS
			1000~26500	-3.65	-46.63	≤ -23.65	PASS
		2462	Reference	-1.21	-1.21	---	PASS
			30~1000	-1.21	-60.57	≤ -21.21	PASS
			1000~26500	-1.21	-47.63	≤ -21.21	PASS
11N20SISO	Ant1	2412	Reference	-4.62	-4.62	---	PASS
			30~1000	-4.62	-60.06	≤ -24.62	PASS
			1000~26500	-4.62	-47.98	≤ -24.62	PASS
		2437	Reference	-4.03	-4.03	---	PASS
			30~1000	-4.03	-60.2	≤ -24.03	PASS
			1000~26500	-4.03	-47.99	≤ -24.03	PASS
		2462	Reference	-1.95	-1.95	---	PASS
			30~1000	-1.95	-60.82	≤ -21.95	PASS
			1000~26500	-1.95	-47.99	≤ -21.95	PASS
11N40SISO	Ant1	2422	Reference	-7.20	-7.20	---	PASS
			30~1000	-7.20	-59.95	≤ -27.2	PASS
			1000~26500	-7.20	-47.78	≤ -27.2	PASS
		2437	Reference	-6.22	-6.22	---	PASS
			30~1000	-6.22	-59.68	≤ -26.22	PASS
			1000~26500	-6.22	-47.24	≤ -26.22	PASS
		2452	Reference	-7.66	-7.66	---	PASS
			30~1000	-7.66	-60.25	≤ -27.66	PASS
			1000~26500	-7.66	-48.11	≤ -27.66	PASS

11AX20SISO	Ant1	2412	Reference	-4.50	-4.50	---	PASS
			30~1000	-4.50	-60.8	≤ -24.5	PASS
			1000~26500	-4.50	-48.1	≤ -24.5	PASS
		2437	Reference	-2.91	-2.91	---	PASS
			30~1000	-2.91	-59.65	≤ -22.91	PASS
			1000~26500	-2.91	-46.84	≤ -22.91	PASS
		2462	Reference	-1.83	-1.83	---	PASS
			30~1000	-1.83	-60.43	≤ -21.83	PASS
			1000~26500	-1.83	-47.52	≤ -21.83	PASS
11AX40SISO	Ant1	2422	Reference	-6.79	-6.79	---	PASS
			30~1000	-6.79	-60.61	≤ -26.79	PASS
			1000~26500	-6.79	-47.59	≤ -26.79	PASS
		2437	Reference	-6.18	-6.18	---	PASS
			30~1000	-6.18	-60.1	≤ -26.18	PASS
			1000~26500	-6.18	-47.92	≤ -26.18	PASS
		2452	Reference	-6.20	-6.20	---	PASS
			30~1000	-6.20	-60.75	≤ -26.2	PASS
			1000~26500	-6.20	-47.3	≤ -26.2	PASS

Test Graphs

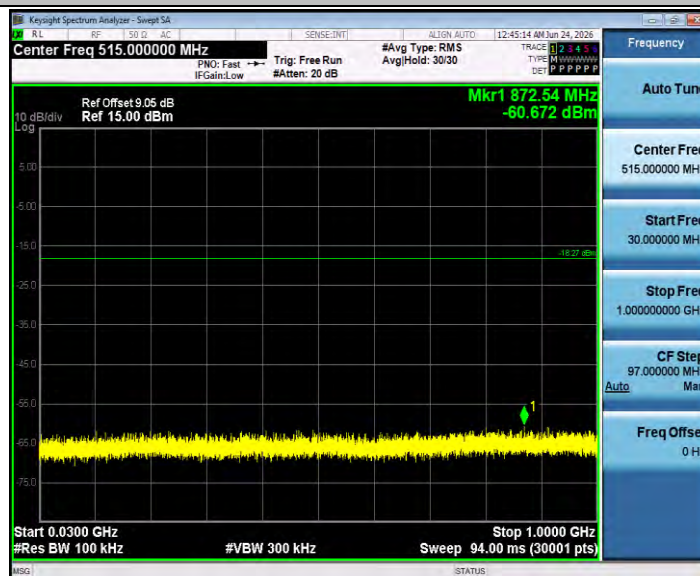




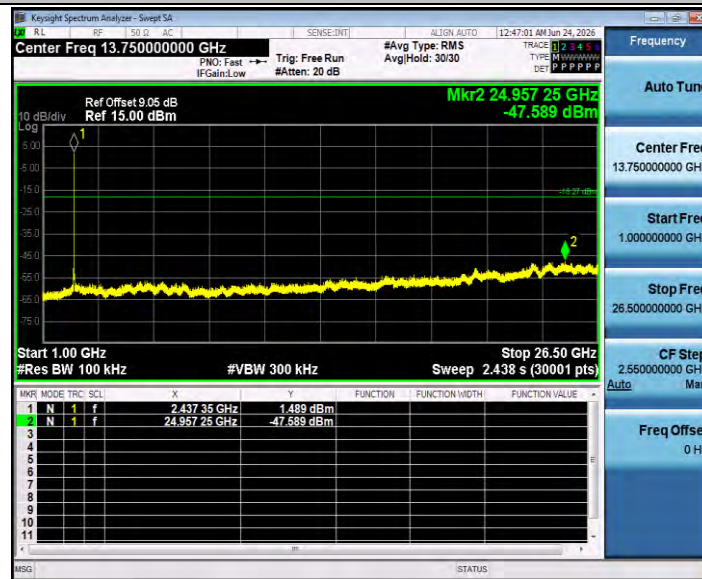
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



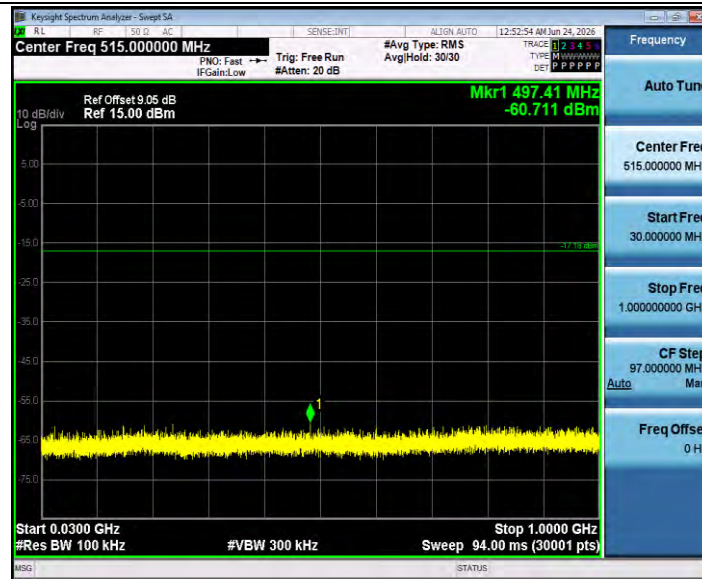
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000

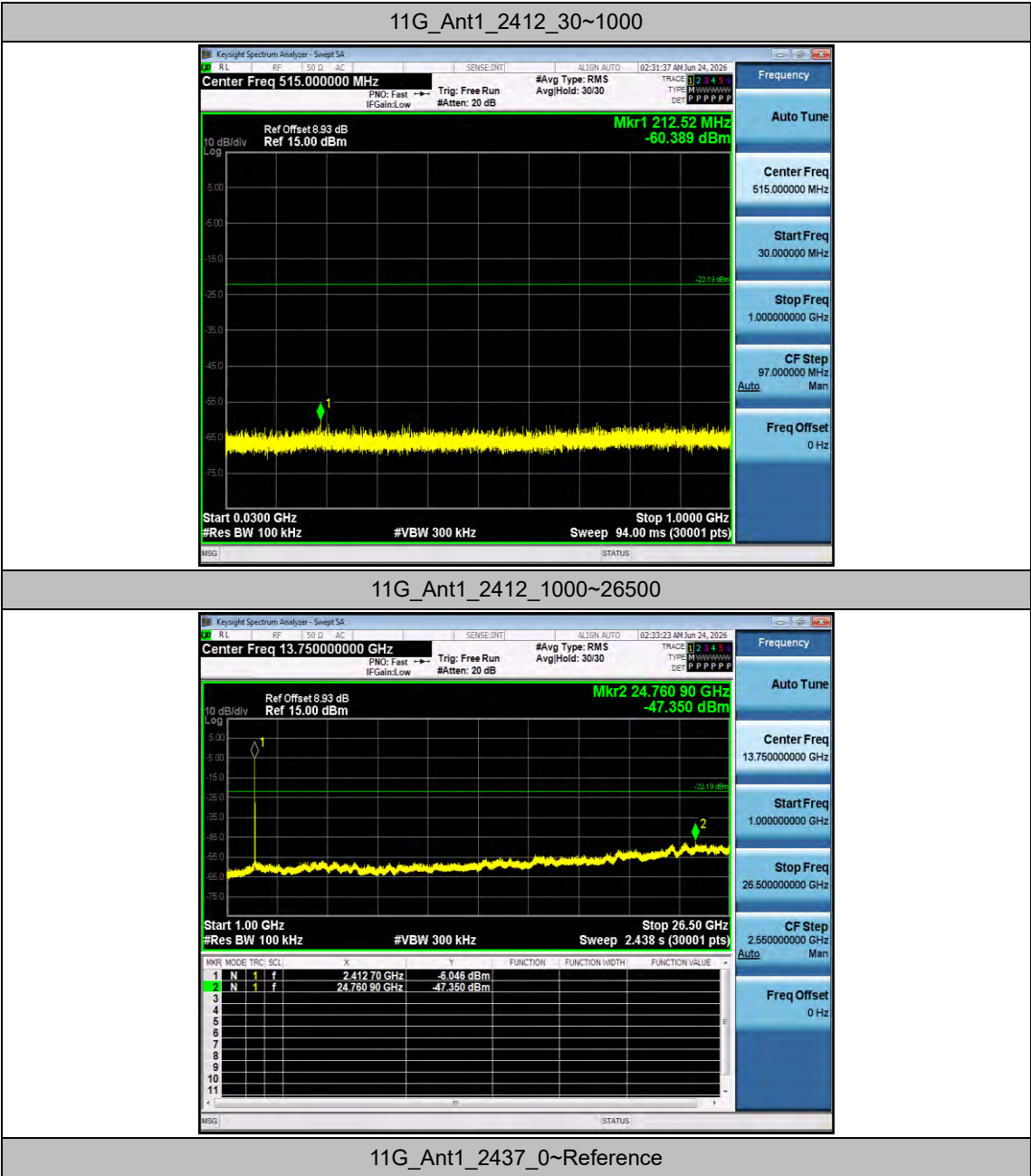


11B_Ant1_2462_1000~26500



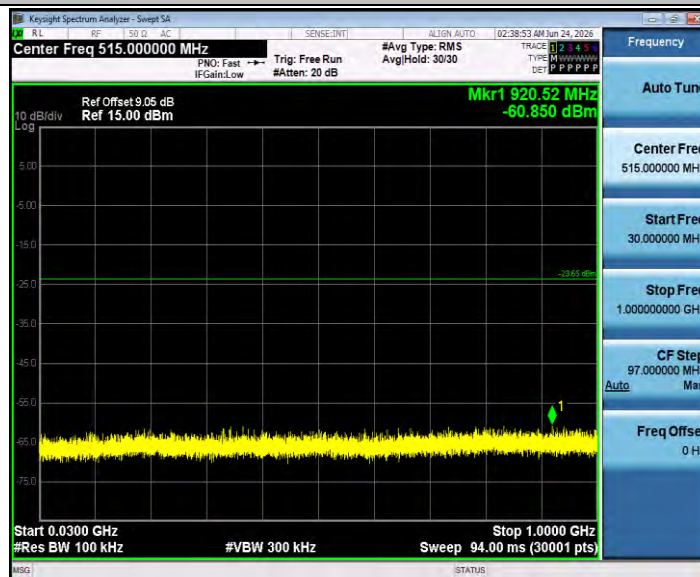
11G_Ant1_2412_0~Reference





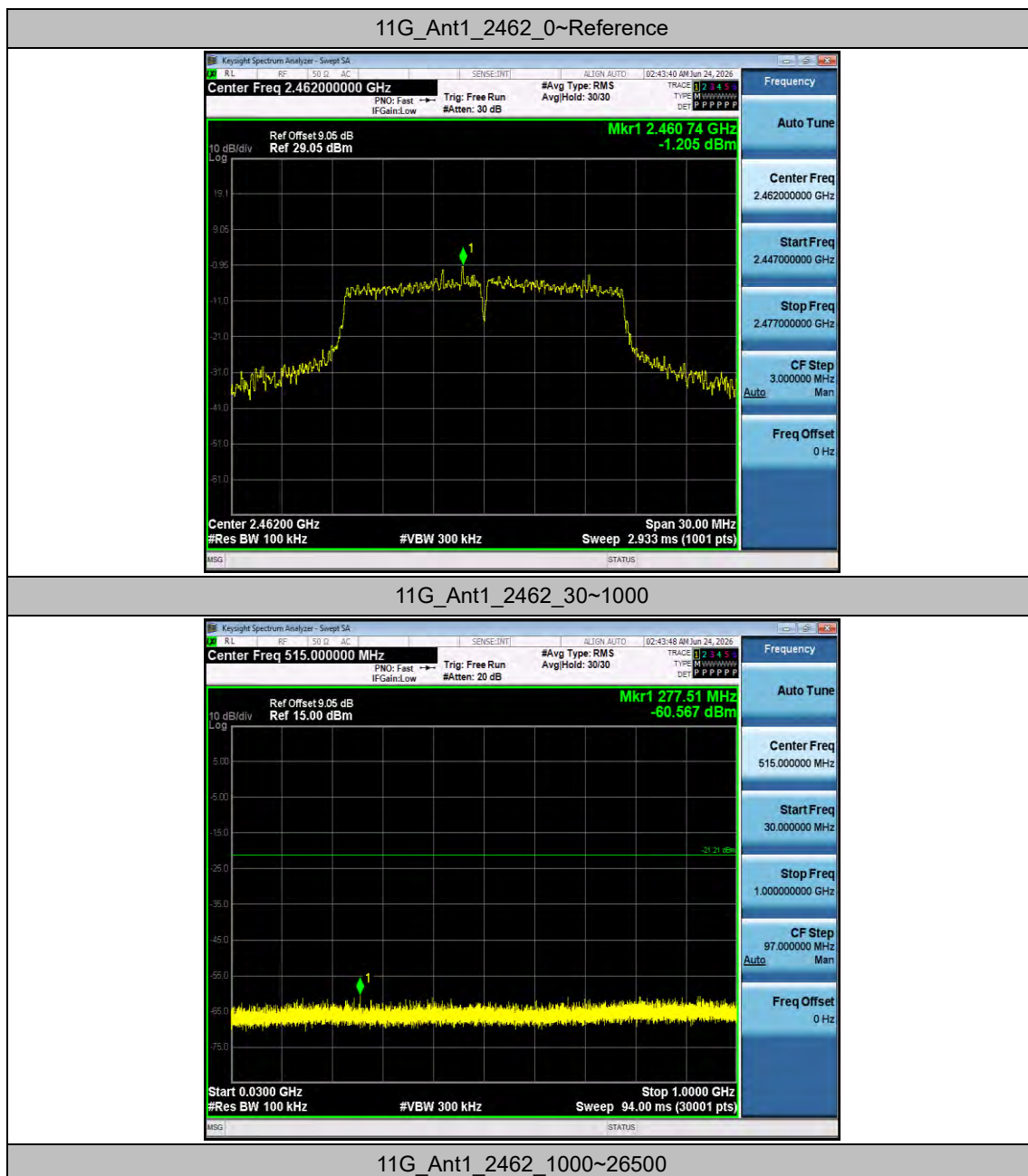


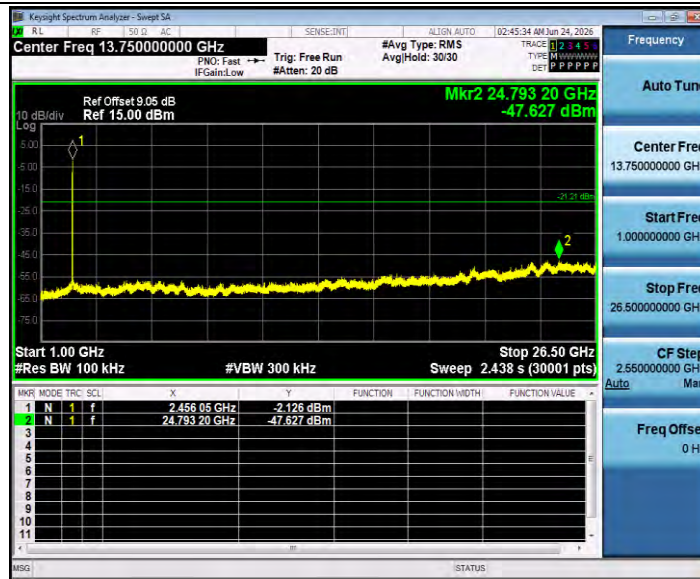
11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



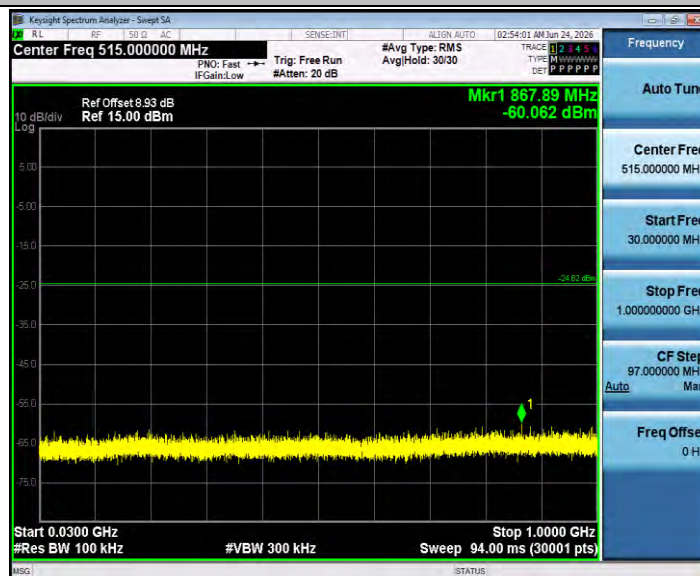




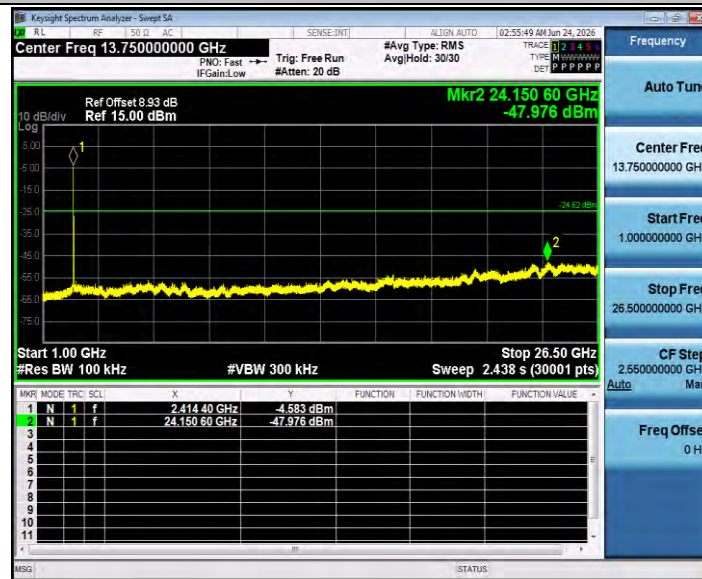
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



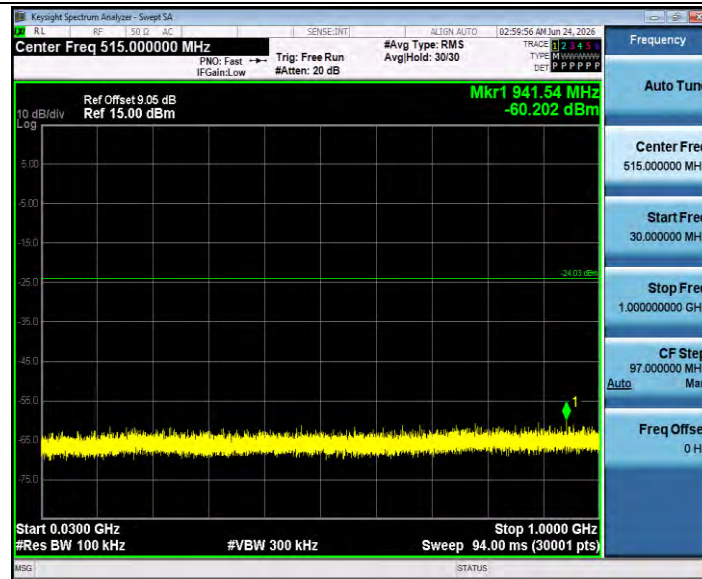
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

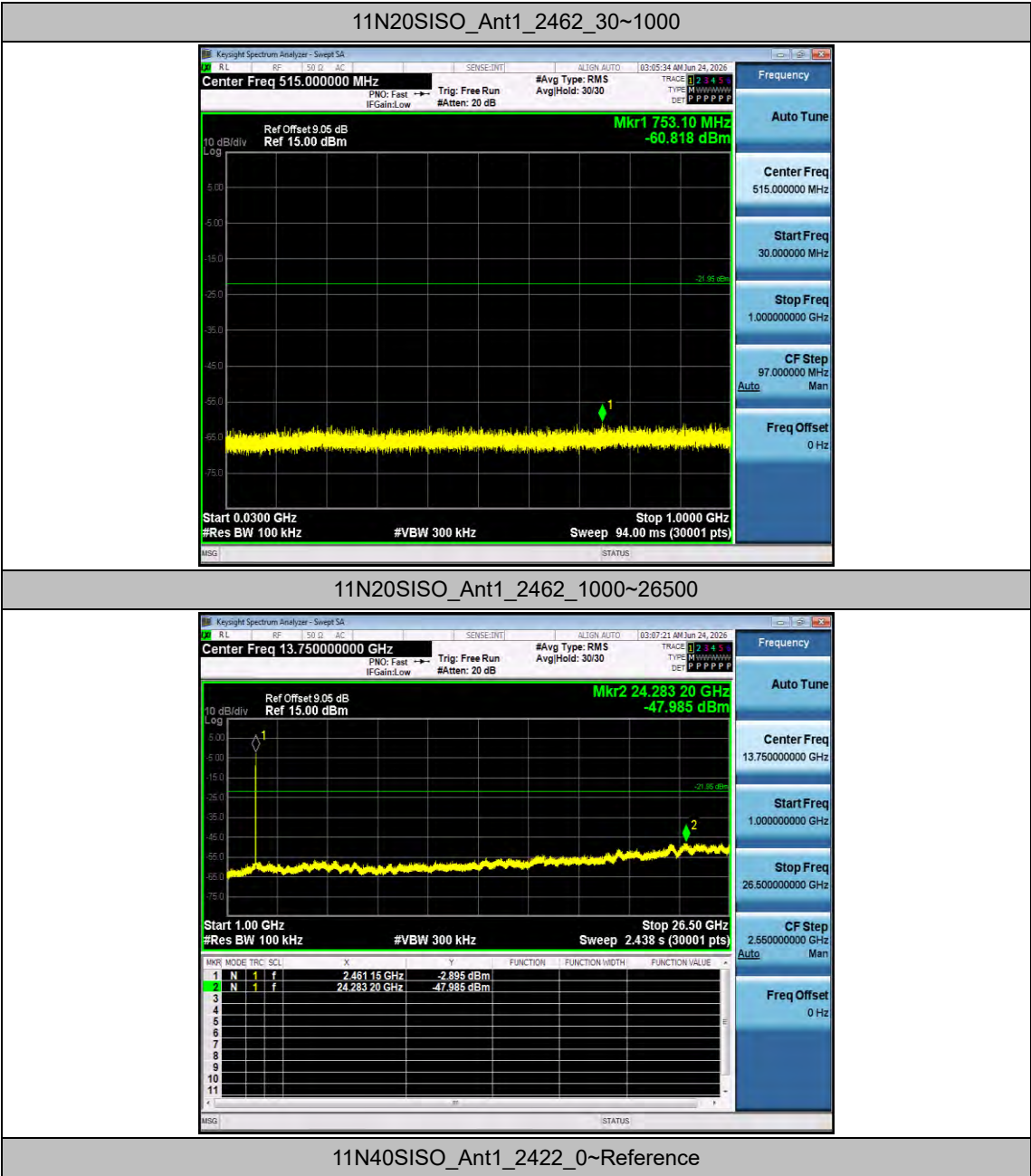


11N20SISO_Ant1_2437_1000~26500



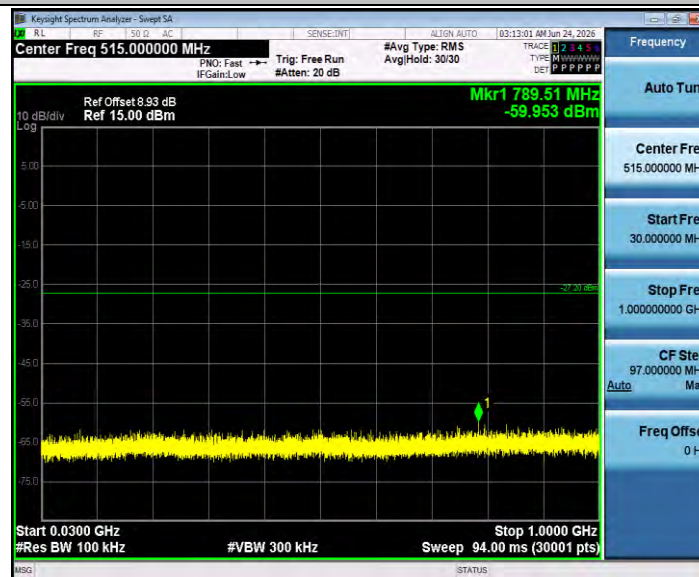
11N20SISO_Ant1_2462_0~Reference



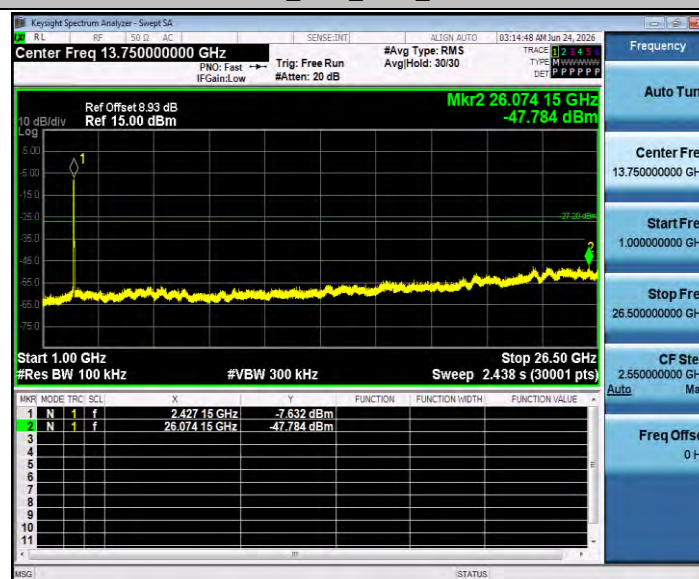




11N40SISO_Ant1_2422_30~1000



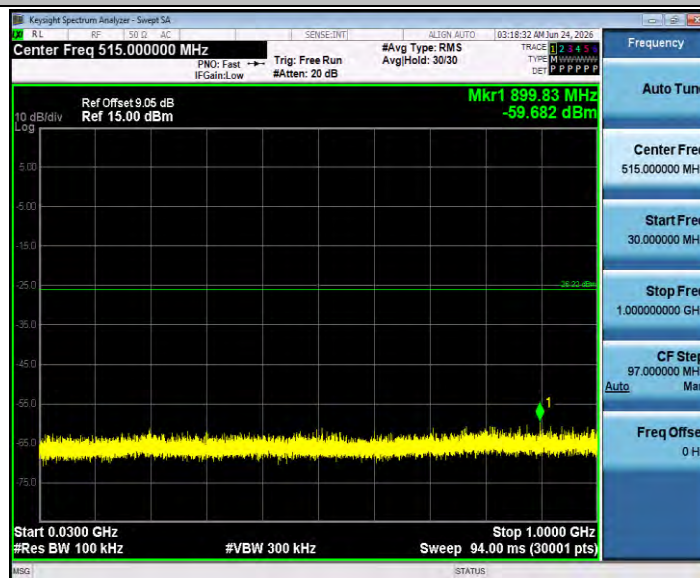
11N40SISO_Ant1_2422_1000~26500



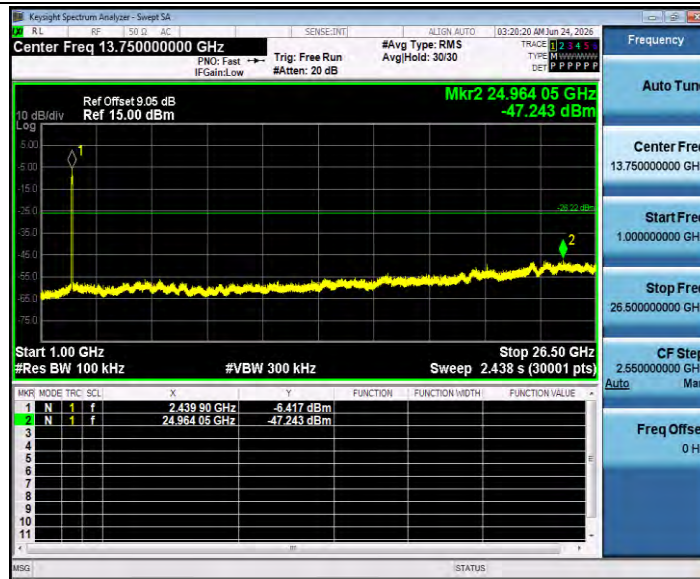
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



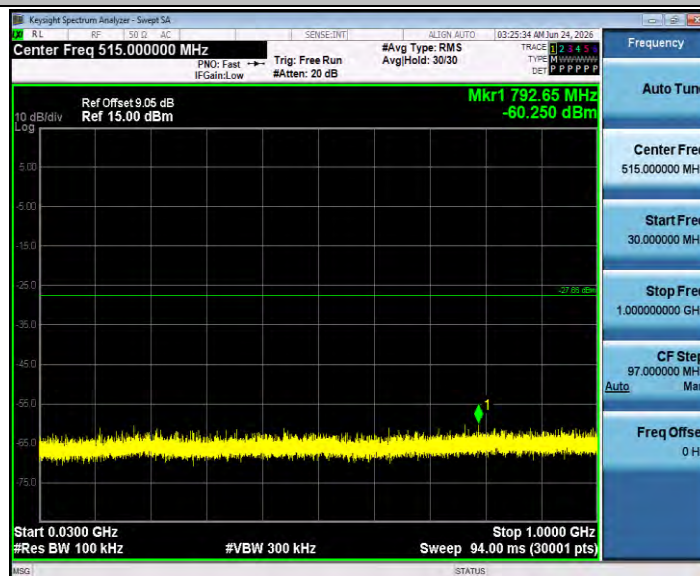
11N40SISO_Ant1_2437_1000~26500



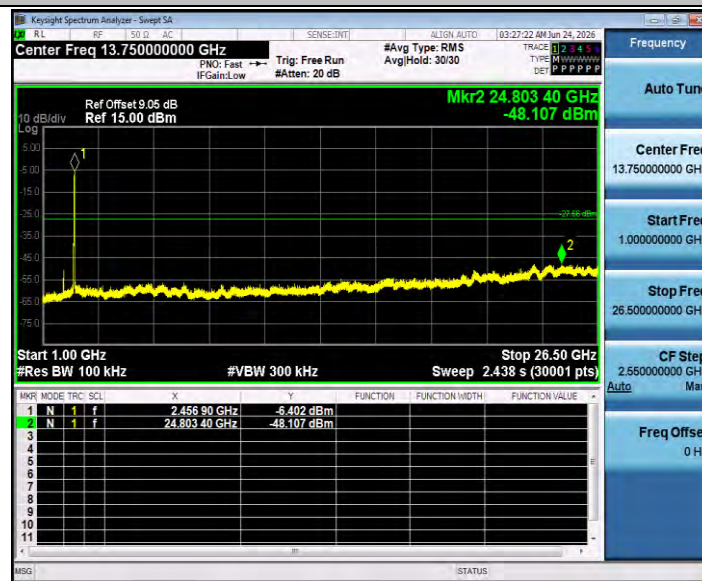
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



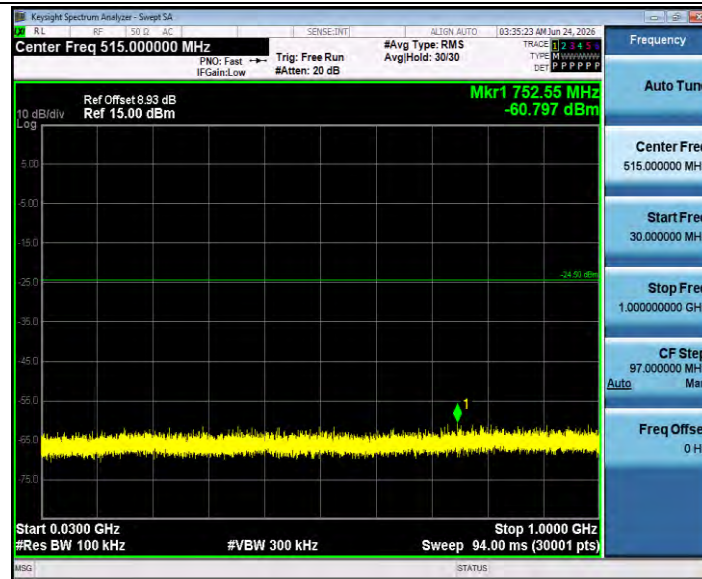
11N40SISO_Ant1_2452_1000~26500



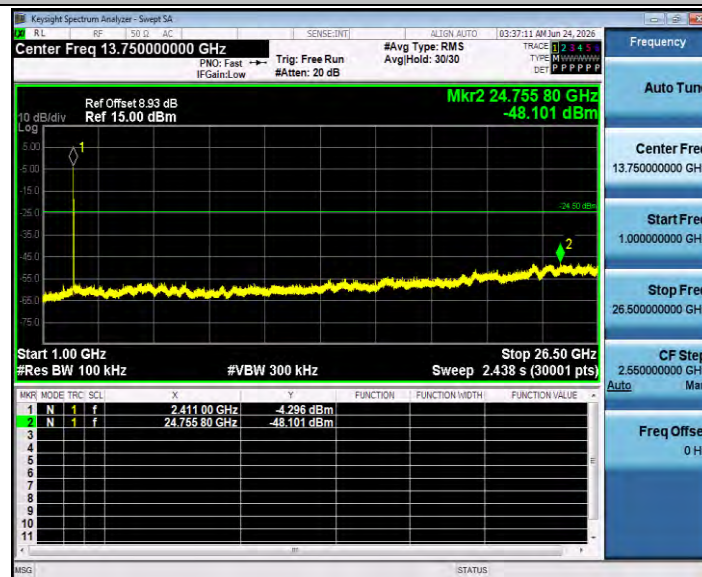
11AX20SISO_Ant1_2412_0~Reference



11AX20SISO_Ant1_2412_30~1000

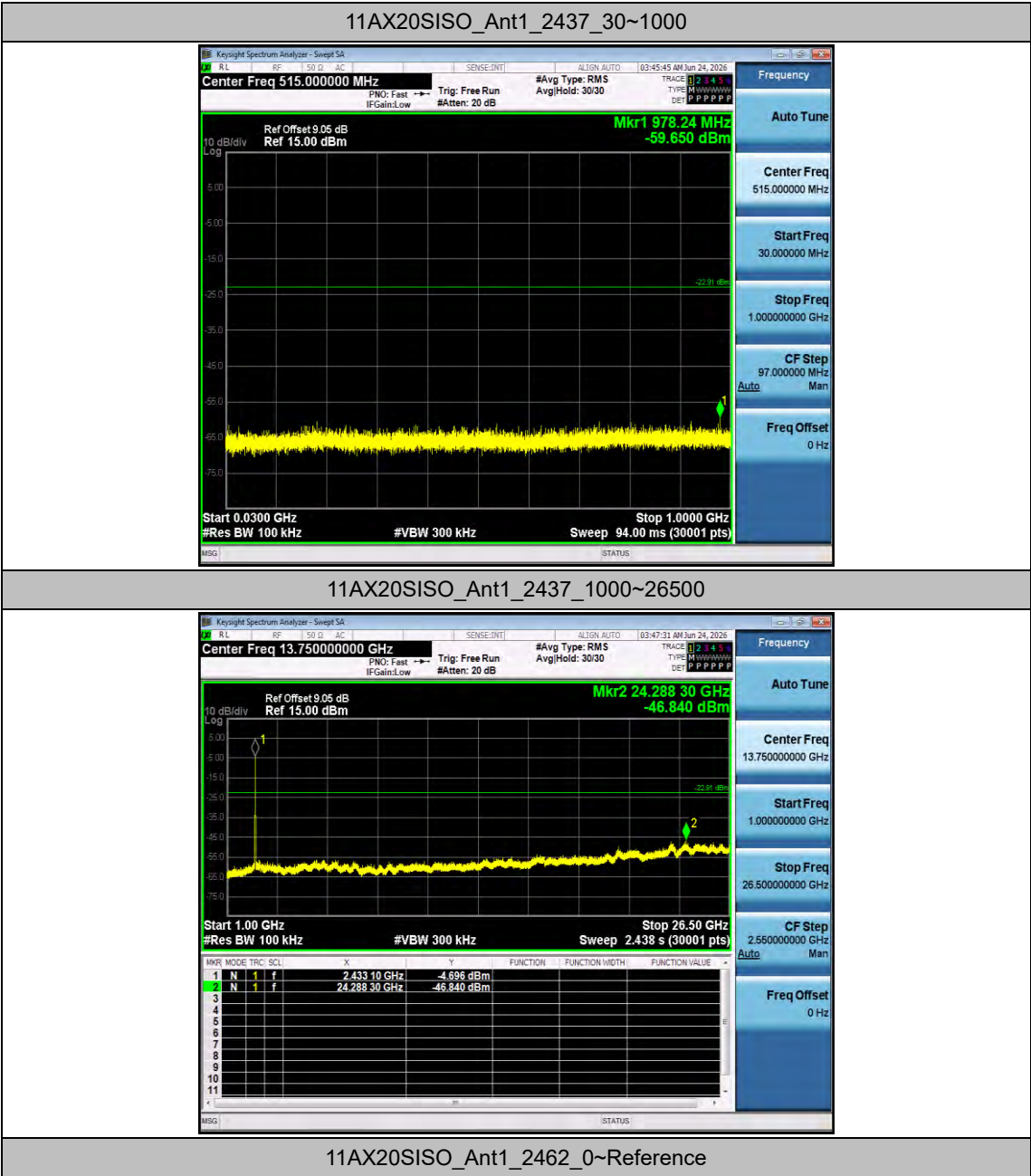


11AX20SISO_Ant1_2412_1000~26500



11AX20SISO_Ant1_2437_0~Reference







11AX20SISO_Ant1_2462_30~1000



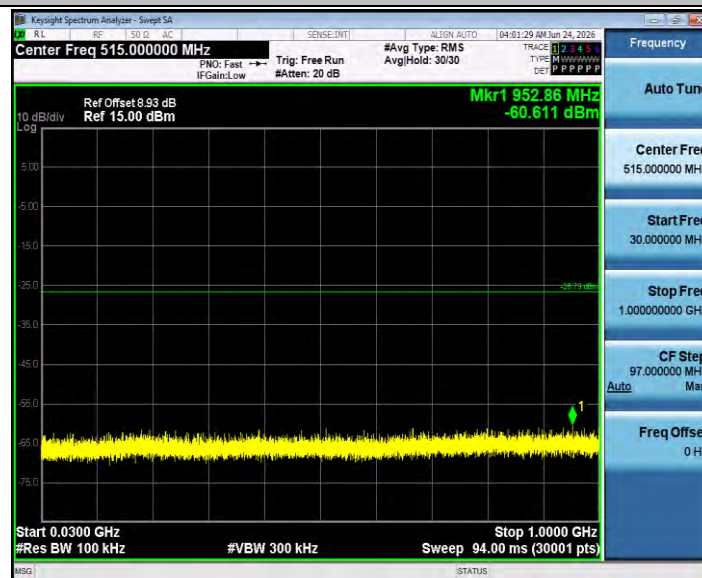
11AX20SISO_Ant1_2462_1000~26500



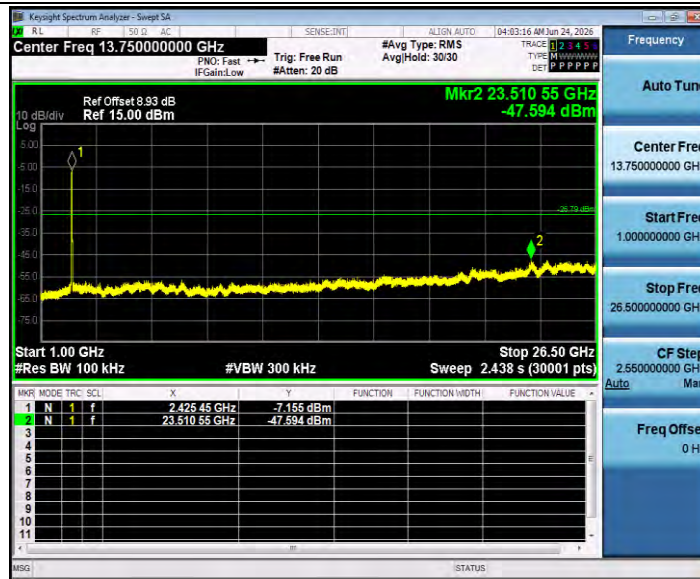
11AX40SISO_Ant1_2422_0~Reference



11AX40SISO_Ant1_2422_30~1000



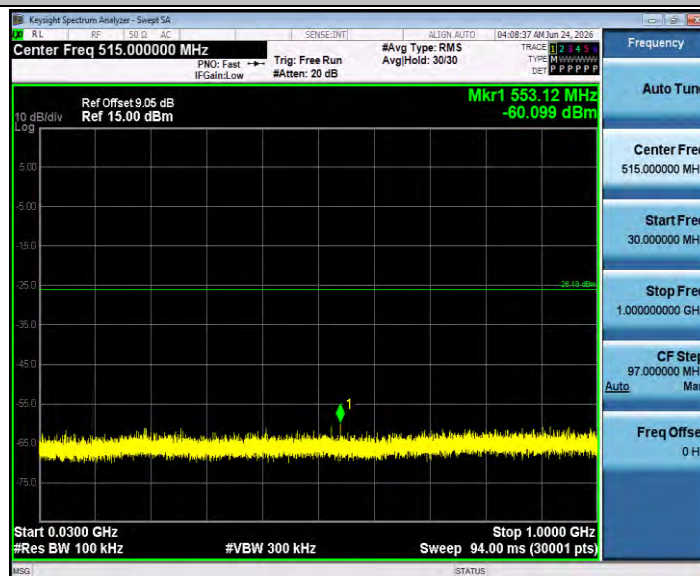
11AX40SISO_Ant1_2422_1000~26500



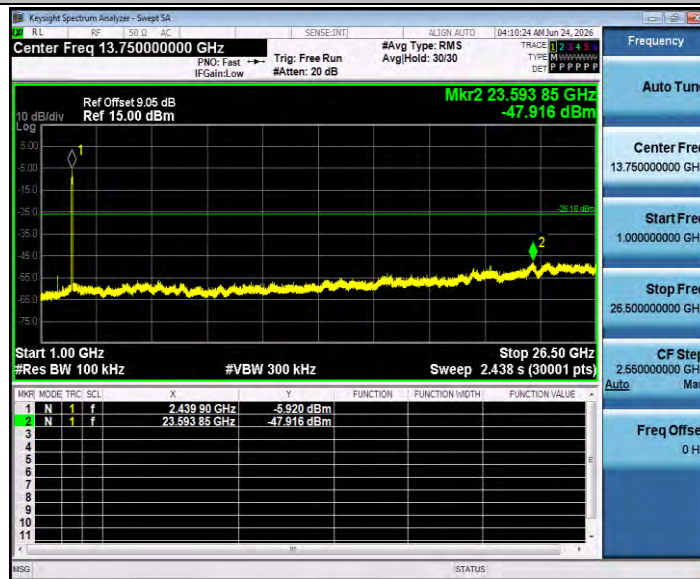
11AX40SISO_Ant1_2437_0~Reference



11AX40SISO_Ant1_2437_30~1000



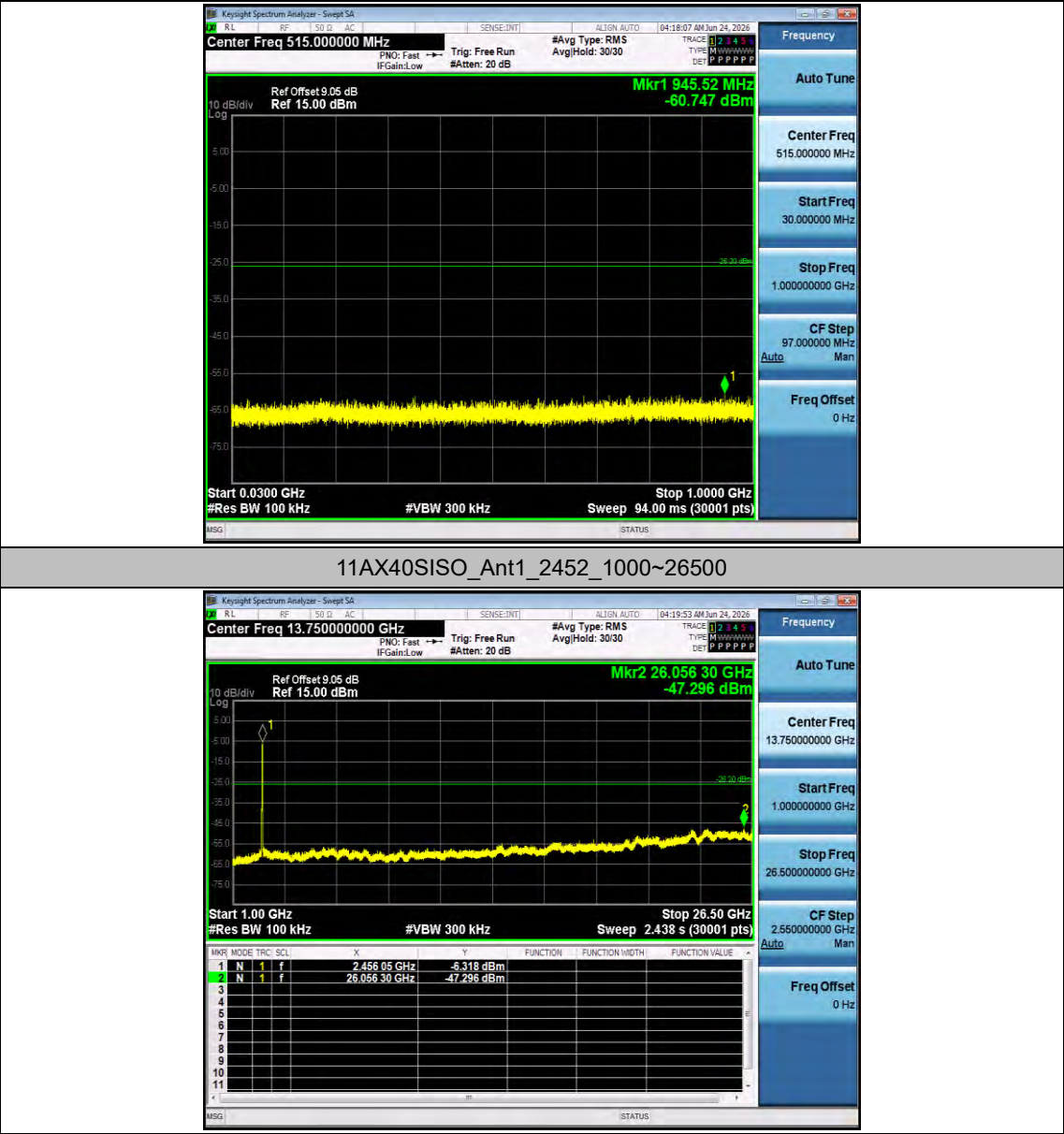
11AX40SISO_Ant1_2437_1000~26500



11AX40SISO_Ant1_2452_0~Reference



11AX40SISO_Ant1_2452_30~1000

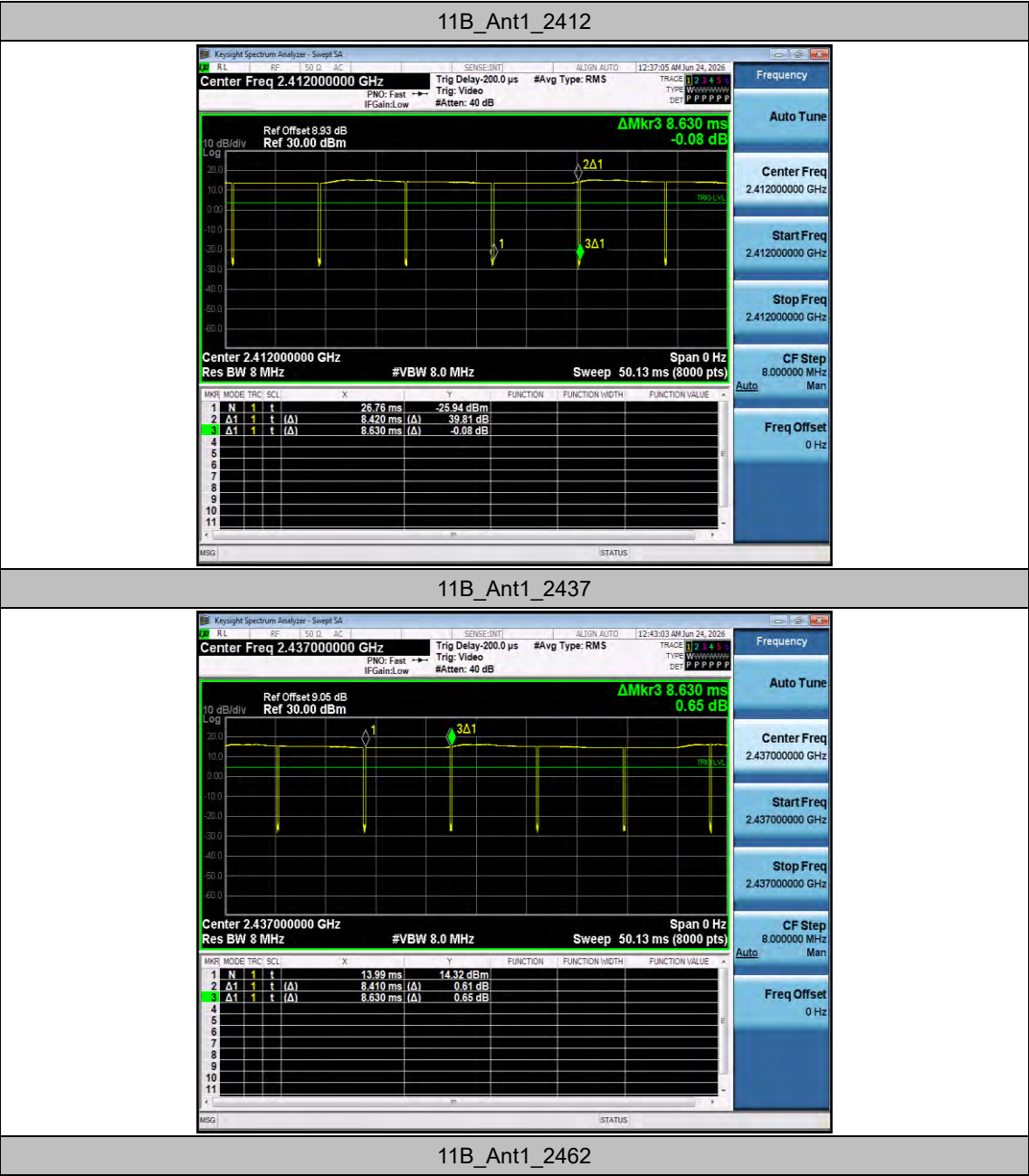


AppendixA.7: Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant1	2412	8.42	8.63	97.57	0.11	0.12
		2437	8.41	8.63	97.45	0.11	0.12
		2462	8.41	8.63	97.45	0.11	0.12
11G	Ant1	2412	1.39	1.60	86.88	0.61	0.72
		2437	1.39	1.61	86.34	0.64	0.72
		2462	1.39	1.61	86.34	0.64	0.72
11N20SISO	Ant1	2412	1.30	1.52	85.53	0.68	0.77
		2437	1.31	1.52	86.18	0.65	0.76
		2462	1.31	1.52	86.18	0.65	0.76
11N40SISO	Ant1	2422	0.64	0.86	74.42	1.28	1.56
		2437	0.65	0.86	75.58	1.22	1.54
		2452	0.65	0.86	75.58	1.22	1.54
11AX20SISO	Ant1	2412	0.20	0.41	48.78	3.12	5.00
		2437	0.56	0.62	90.32	0.44	1.79
		2462	0.56	0.62	90.32	0.44	1.79
11AX40SISO	Ant1	2422	0.20	0.26	76.92	1.14	5.00
		2437	0.20	0.26	76.92	1.14	5.00
		2452	0.20	0.26	76.92	1.14	5.00

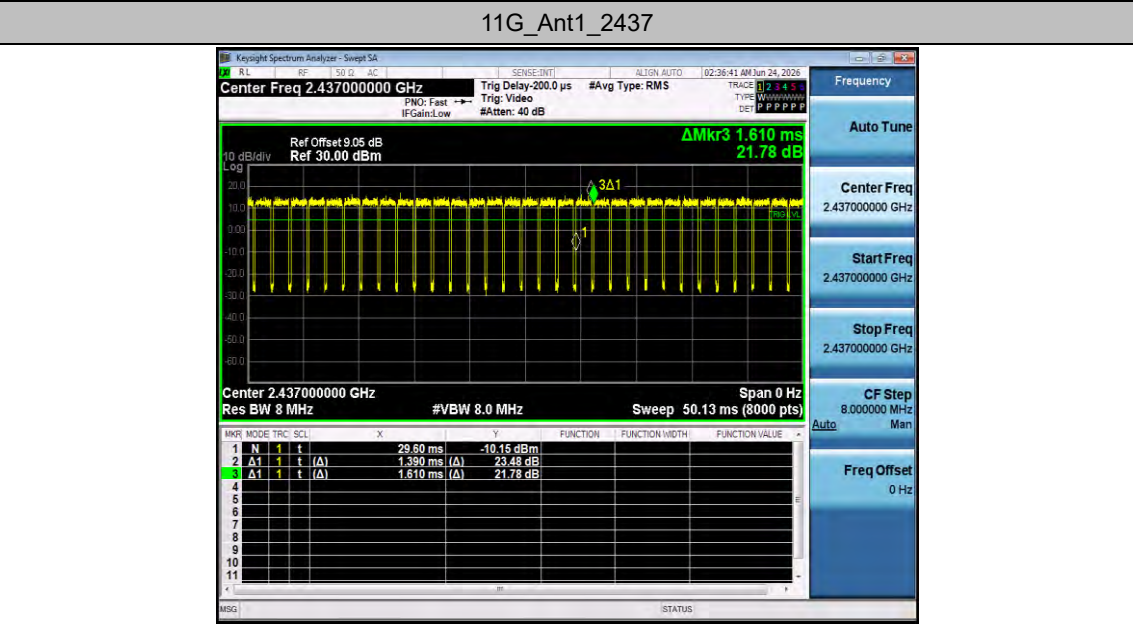
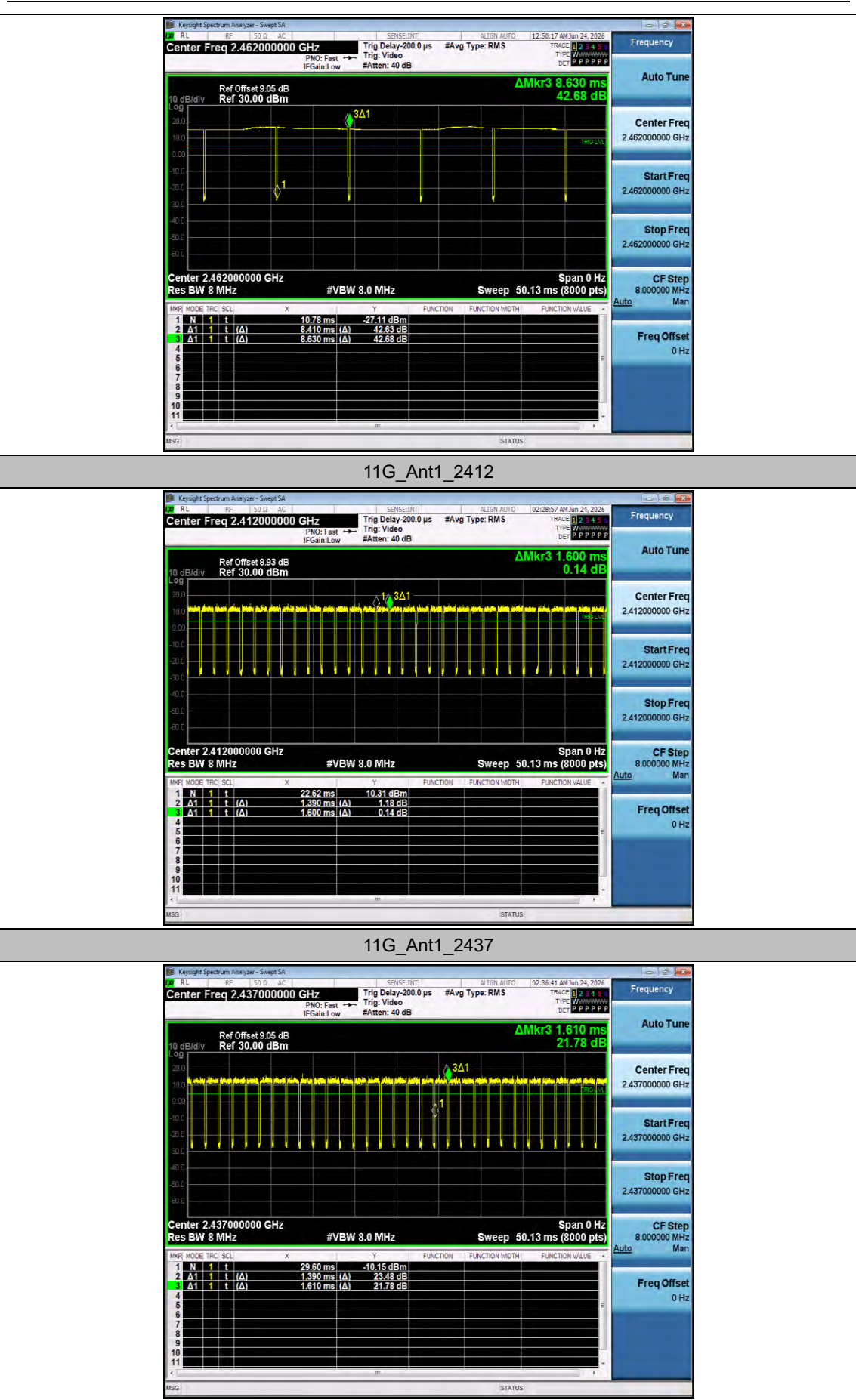
Test Graphs



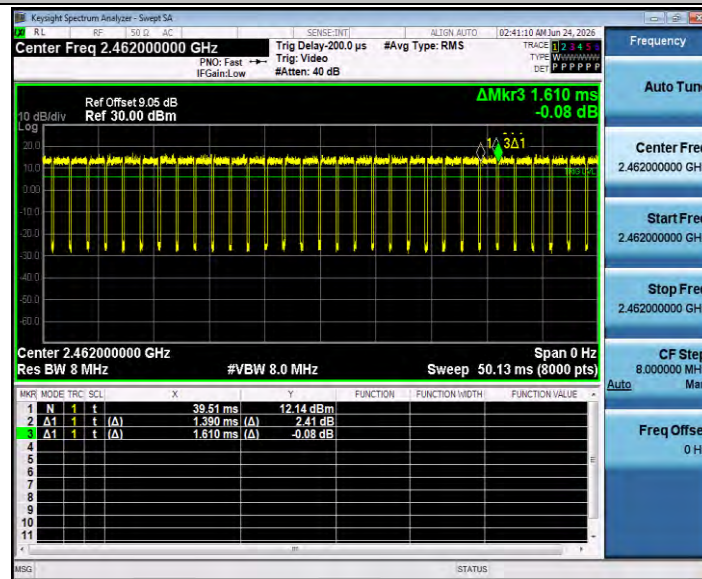
11B_Ant1_2437

Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Freq Offset 0 Hz

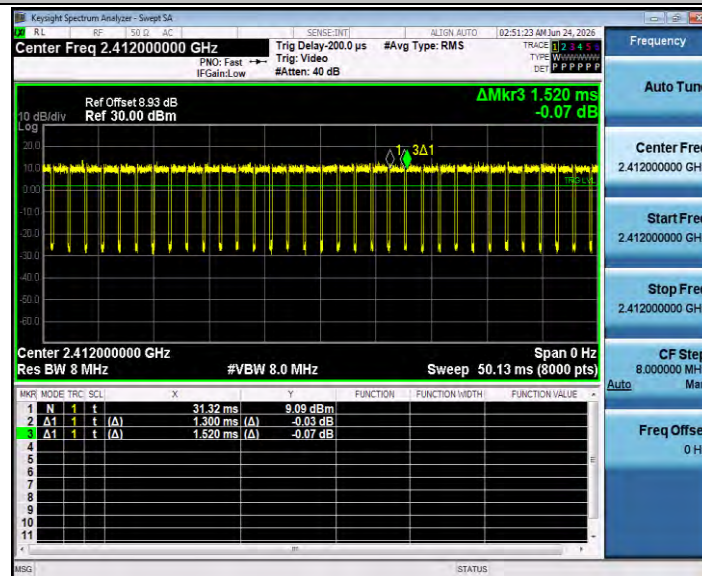
11B_Ant1_2462



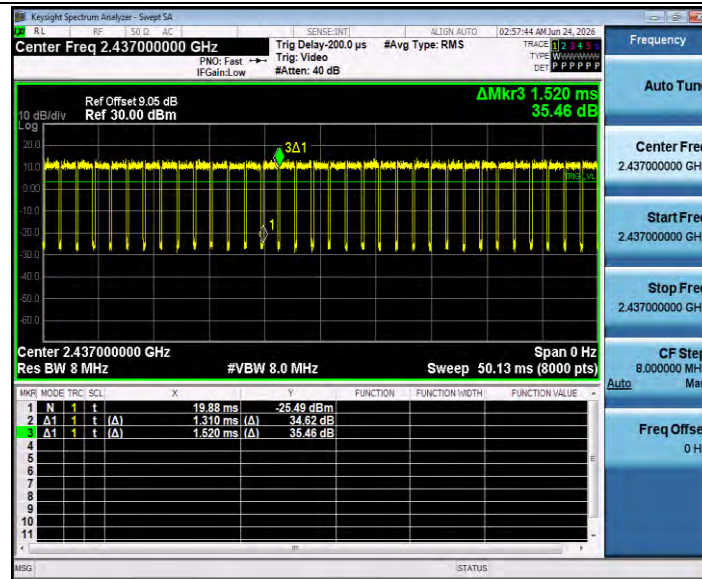
11G_Ant1_2462



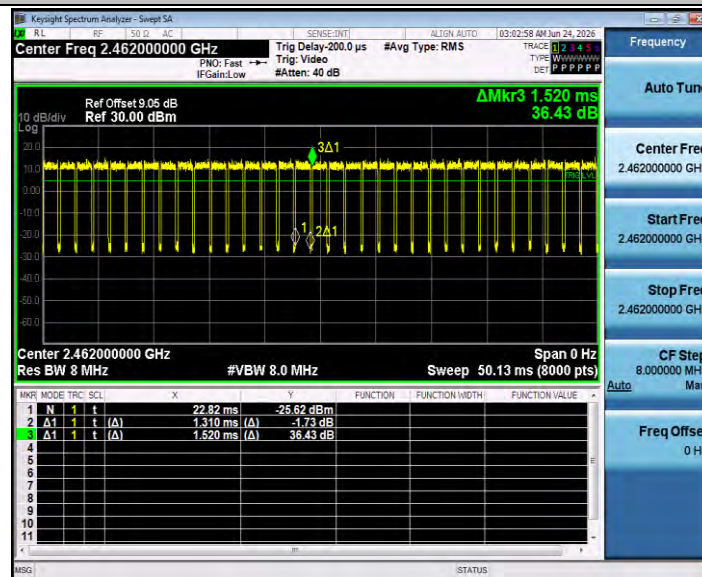
11N20SISO_Ant1_2412



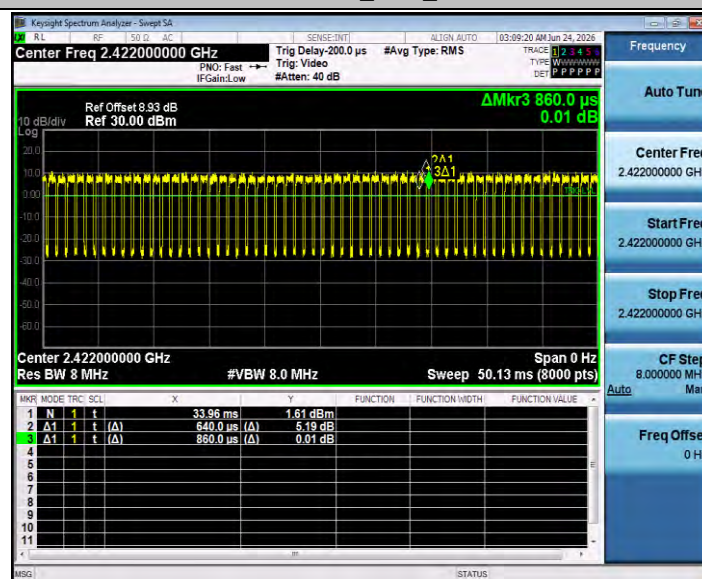
11N20SISO_Ant1_2437



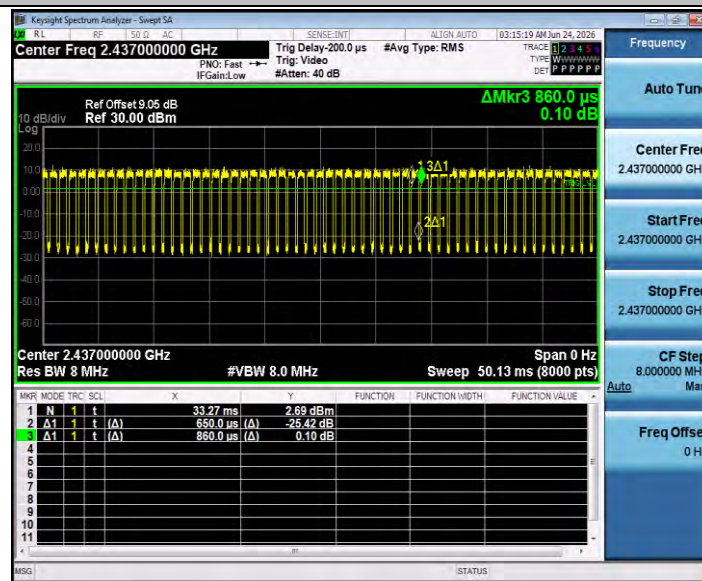
11N20SISO_Ant1_2462



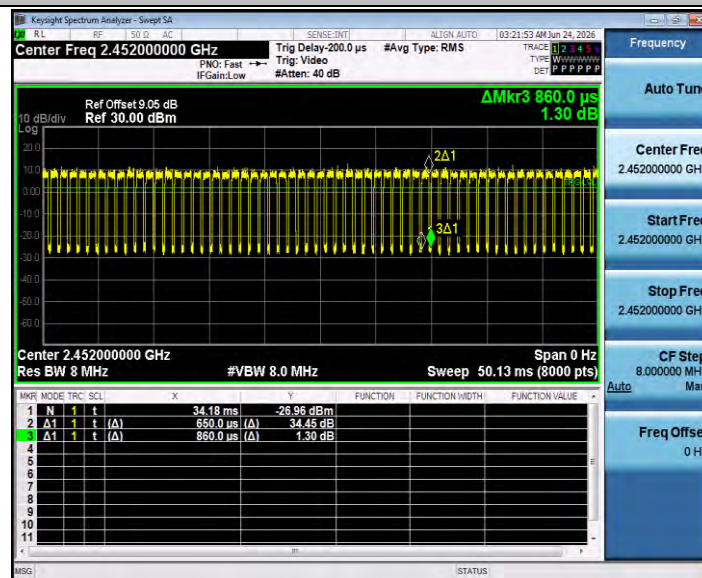
11N40SISO_Ant1_2422



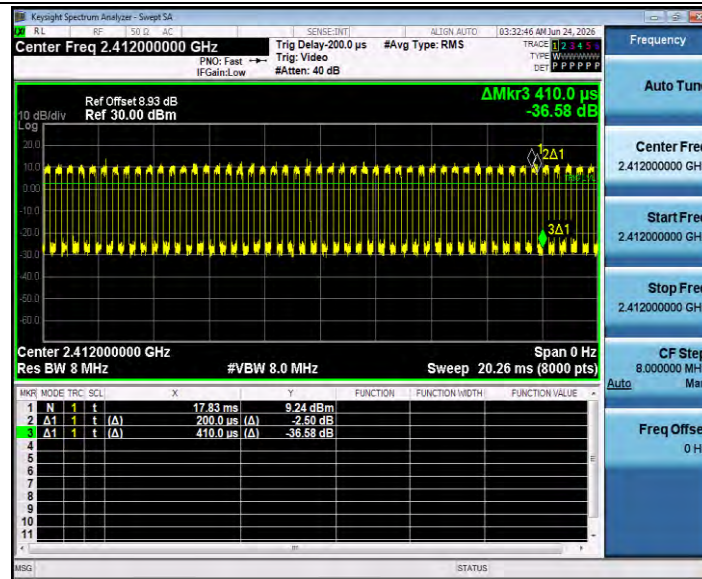
11N40SISO_Ant1_2437



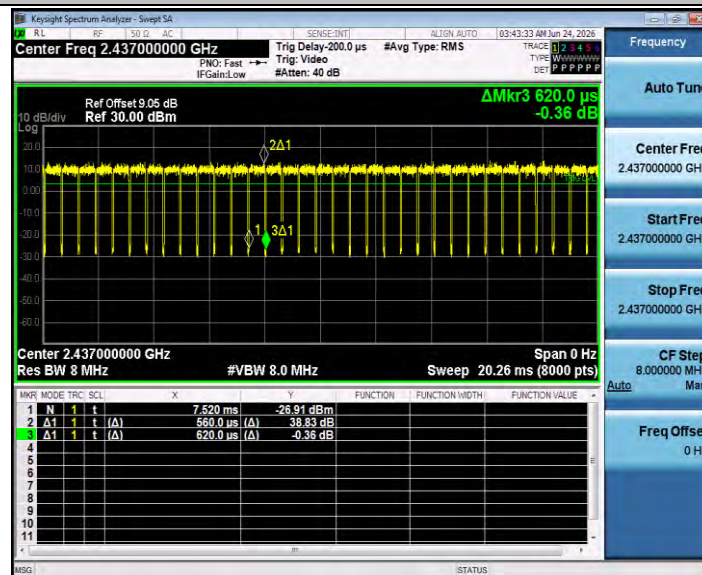
11N40SISO_Ant1_2452



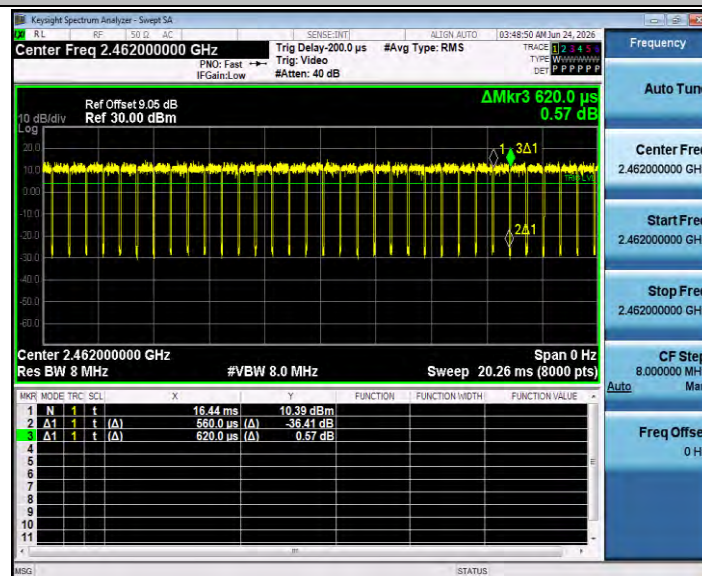
11AX20SISO_Ant1_2412



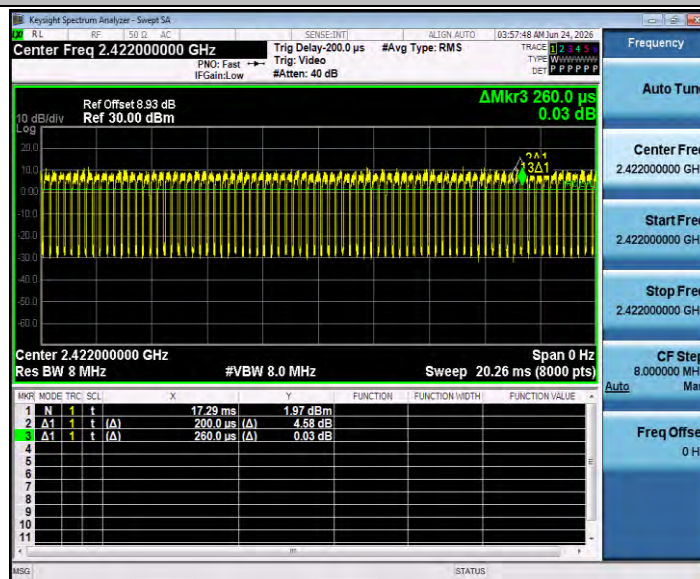
11AX20SISO_Ant1_2437



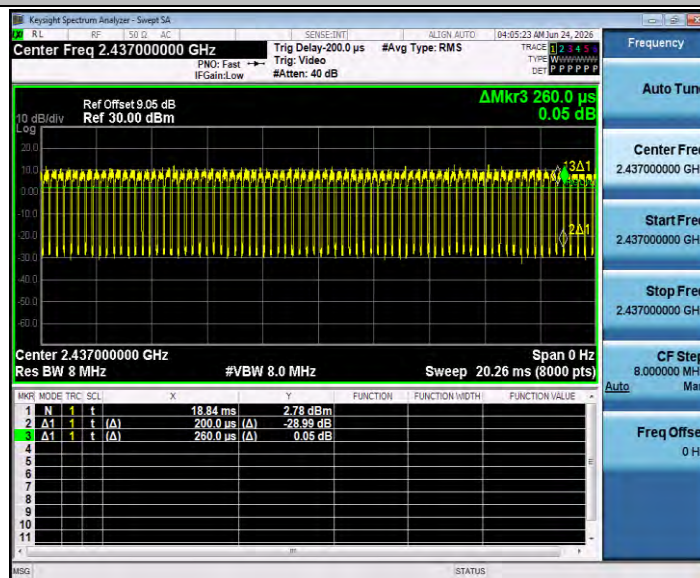
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

