

Case No. : <u>GTS20251225009-2-11</u>
Ambient Condition: <u>23°C, 52%RH,</u>
Test Date: <u>2026.1.19-2026.3.10</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.320	2406.840	2417.160	0.5	PASS
		2437	10.320	2431.840	2442.160	0.5	PASS
		2462	10.320	2456.840	2467.160	0.5	PASS
11G	Ant1	2412	16.480	2403.800	2420.280	0.5	PASS
		2437	16.480	2428.760	2445.240	0.5	PASS
		2462	16.480	2453.760	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.120	2420.800	0.5	PASS
		2437	17.600	2428.160	2445.760	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.560	2403.680	2440.240	0.5	PASS
		2437	36.480	2418.680	2455.160	0.5	PASS
		2452	36.720	2433.520	2470.240	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



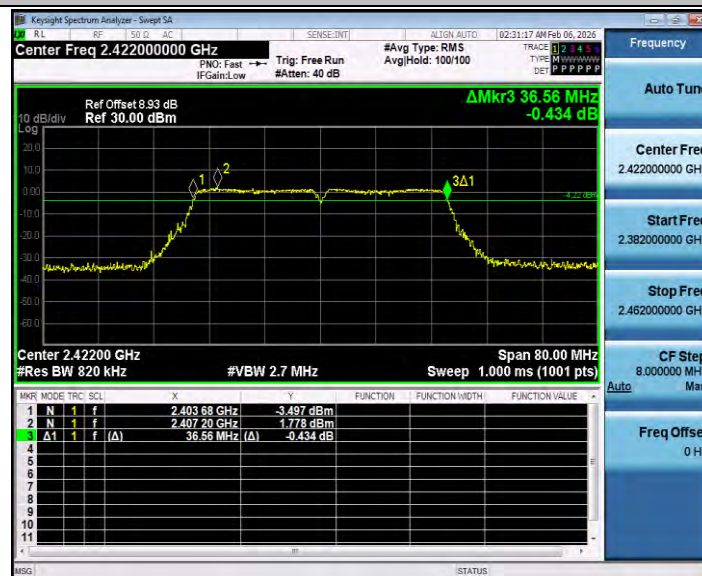
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



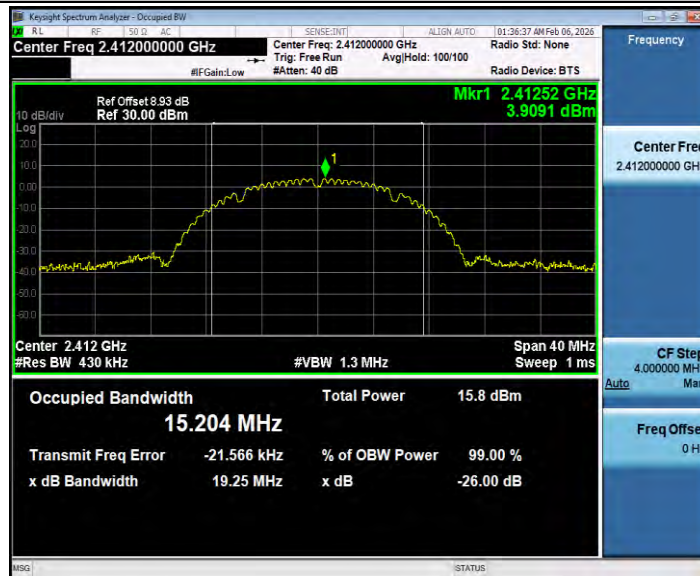
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.204	2404.3764	2419.5804	---	---
		2437	15.256	2429.3282	2444.5842	---	---
		2462	15.234	2454.3529	2469.5869	---	---
11G	Ant1	2412	17.116	2403.4077	2420.5237	---	---
		2437	17.238	2428.2597	2445.4977	---	---
		2462	17.182	2453.3070	2470.4890	---	---
11N20SISO	Ant1	2412	18.224	2402.8917	2421.1157	---	---
		2437	18.196	2427.8432	2446.0392	---	---
		2462	18.208	2452.8680	2471.0760	---	---
11N40SISO	Ant1	2422	36.976	2403.5527	2440.5287	---	---
		2437	37.034	2418.3950	2455.4290	---	---
		2452	36.976	2433.5008	2470.4768	---	---

Test Graphs

11B_Ant1_2412



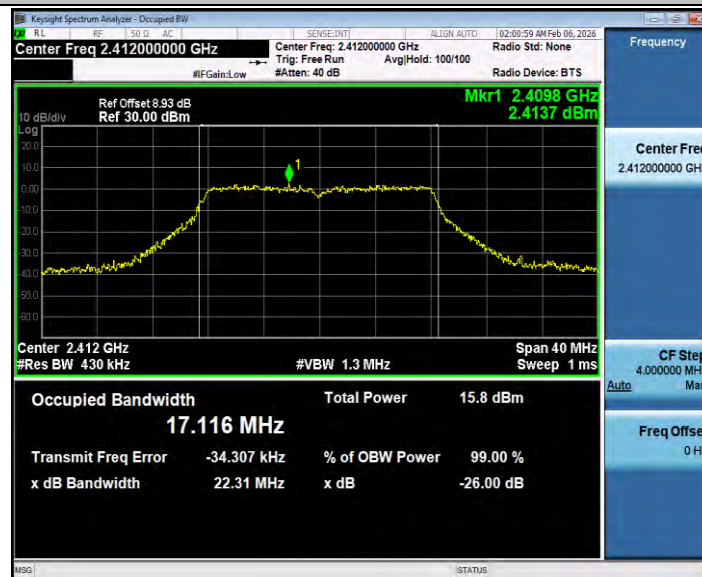
11B_Ant1_2437



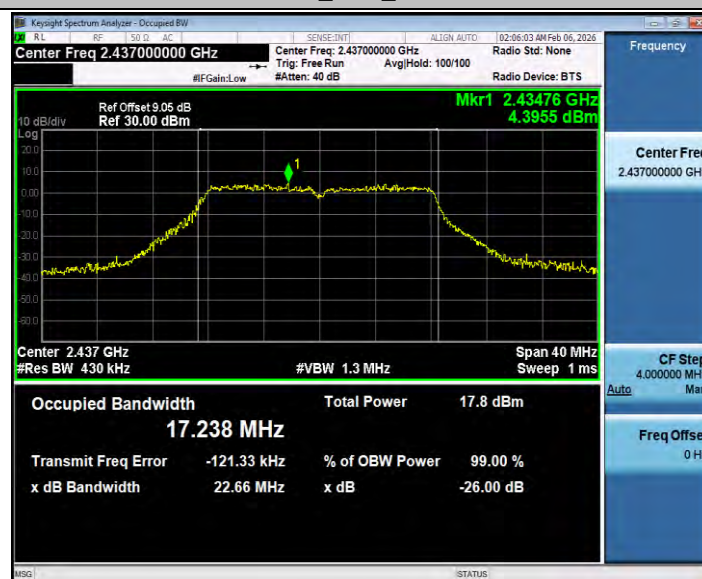
11B_Ant1_2462

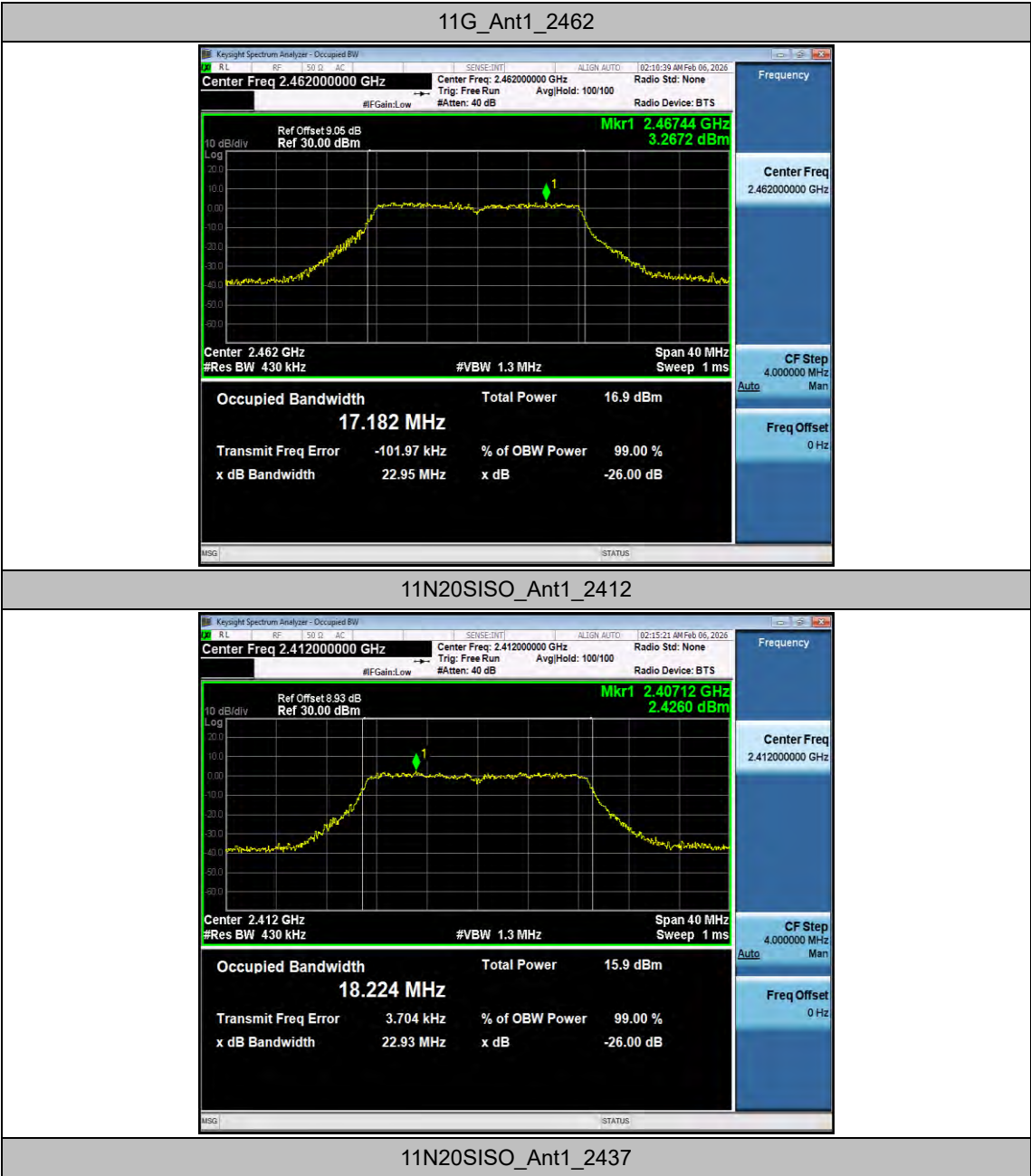


11G_Ant1_2412



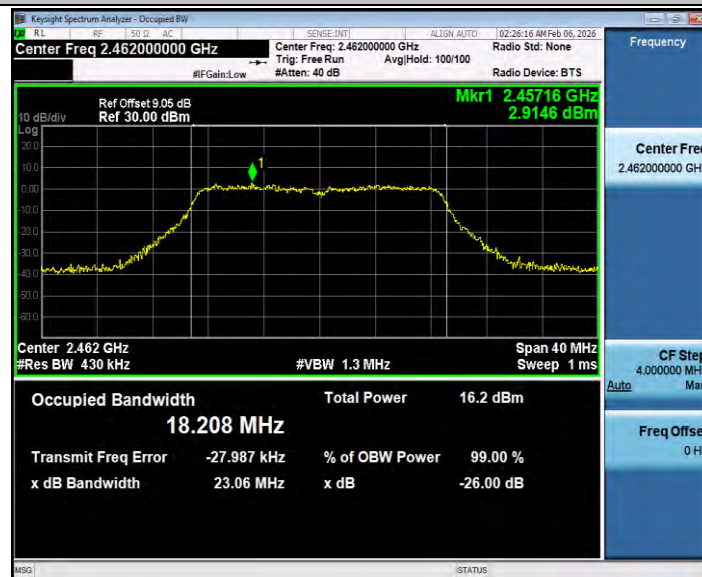
11G_Ant1_2437



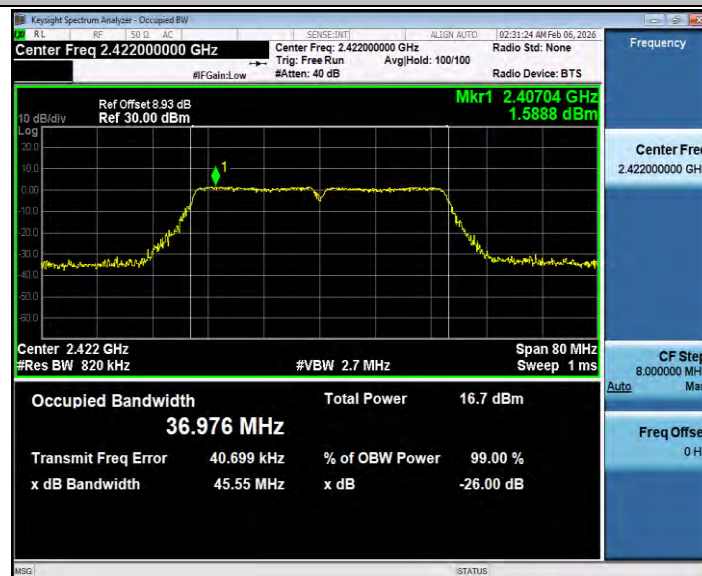




11N20SISO_Ant1_2462



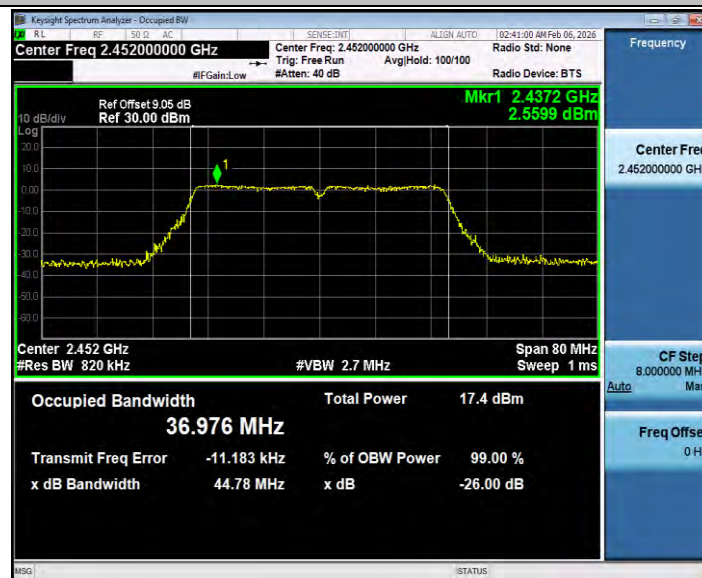
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.90	≤30.00	PASS
		2437	15.24	≤30.00	PASS
		2462	15.65	≤30.00	PASS
11G	Ant1	2412	16.91	≤30.00	PASS
		2437	18.79	≤30.00	PASS
		2462	17.94	≤30.00	PASS
11N20SISO	Ant1	2412	17.26	≤30.00	PASS
		2437	19.19	≤30.00	PASS
		2462	17.50	≤30.00	PASS
11N40SISO	Ant1	2422	17.01	≤30.00	PASS
		2437	19.14	≤30.00	PASS
		2452	17.69	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.43	≤8.00	PASS
		2437	-17.90	≤8.00	PASS
		2462	-17.48	≤8.00	PASS
11G	Ant1	2412	-18.42	≤8.00	PASS
		2437	-16.70	≤8.00	PASS
		2462	-17.58	≤8.00	PASS
11N20SISO	Ant1	2412	-17.65	≤8.00	PASS
		2437	-15.69	≤8.00	PASS
		2462	-17.45	≤8.00	PASS
11N40SISO	Ant1	2422	-20.17	≤8.00	PASS
		2437	-17.92	≤8.00	PASS
		2452	-18.81	≤8.00	PASS

Test Graphs

11B_Ant1_2412



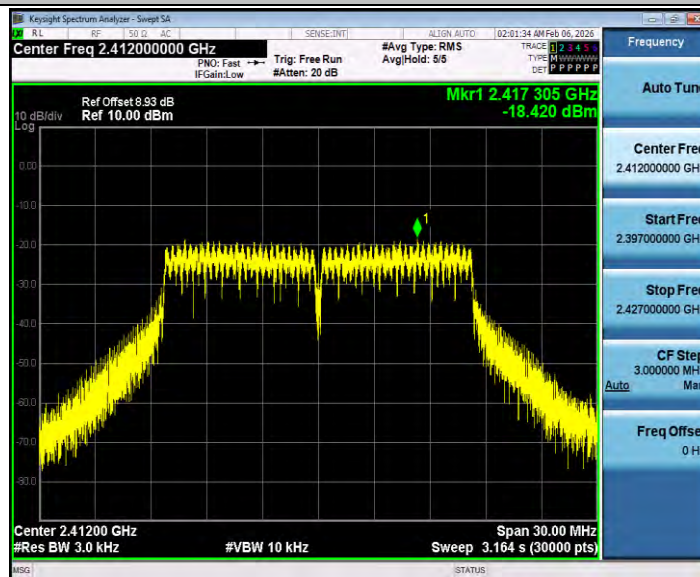
11B_Ant1_2437



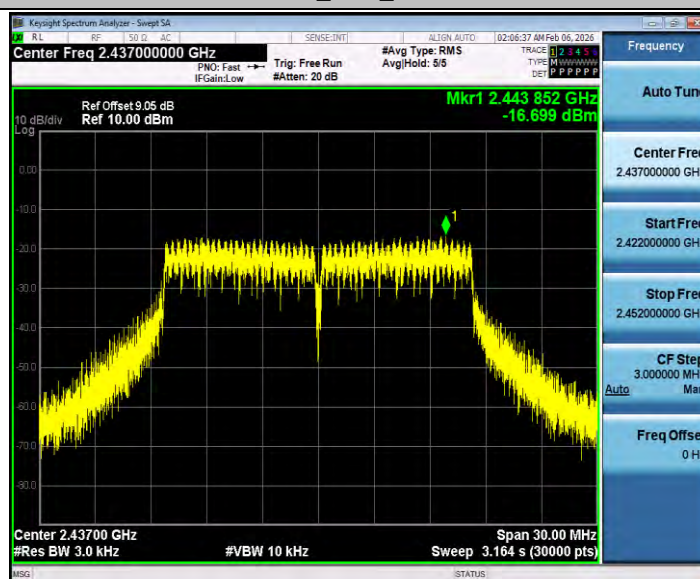
11B_Ant1_2462



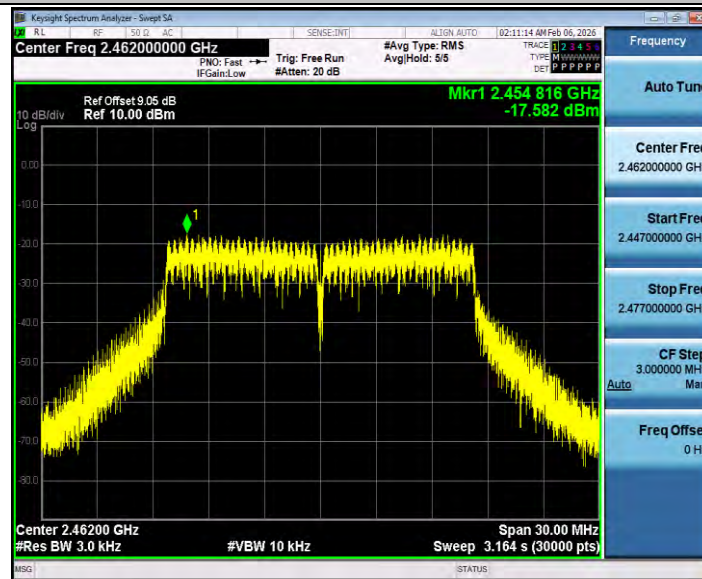
11G_Ant1_2412



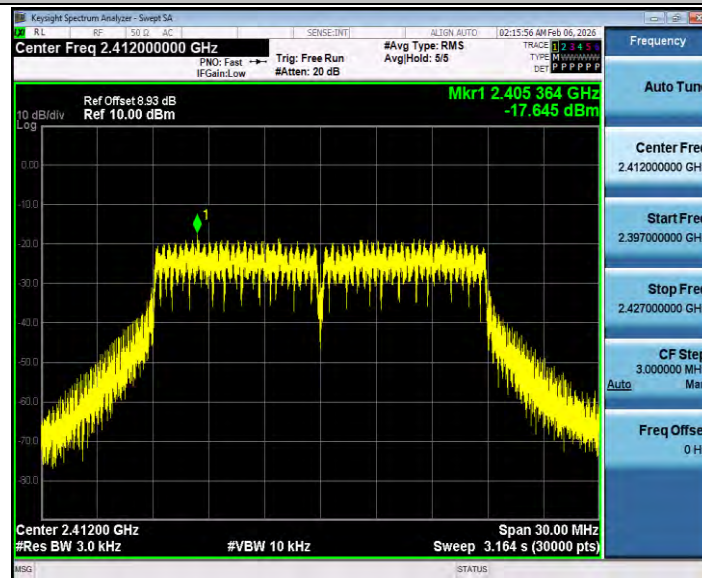
11G_Ant1_2437



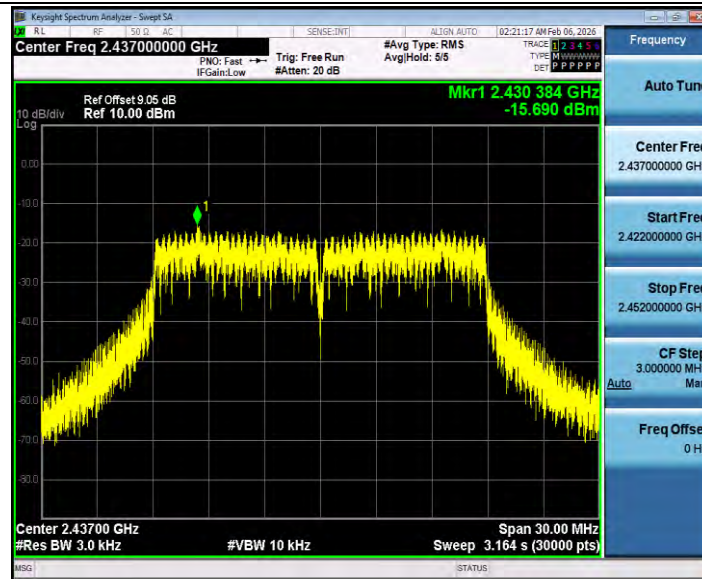
11G_Ant1_2462



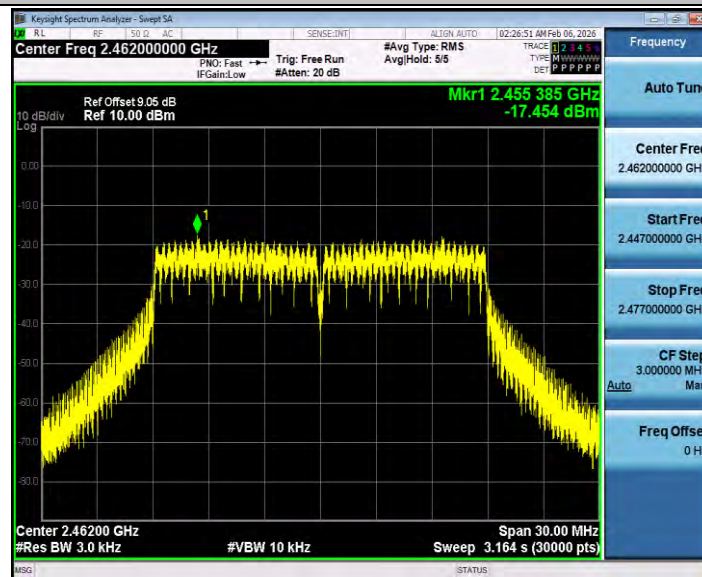
11N20SISO_Ant1_2412



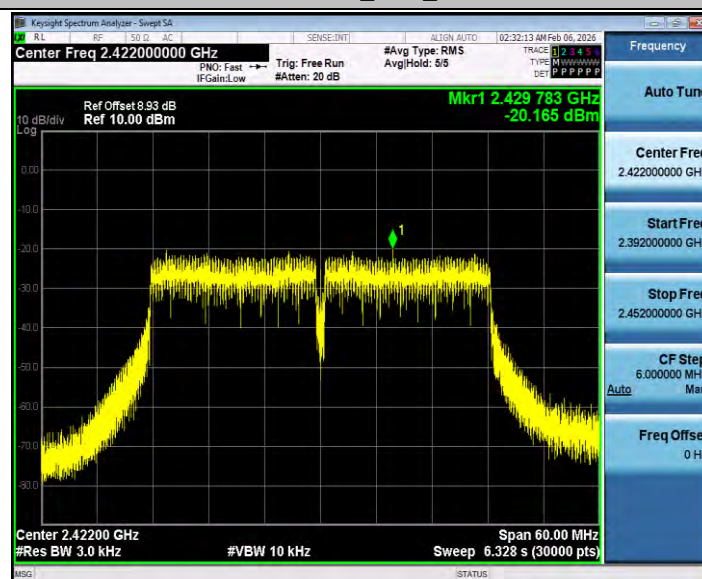
11N20SISO_Ant1_2437



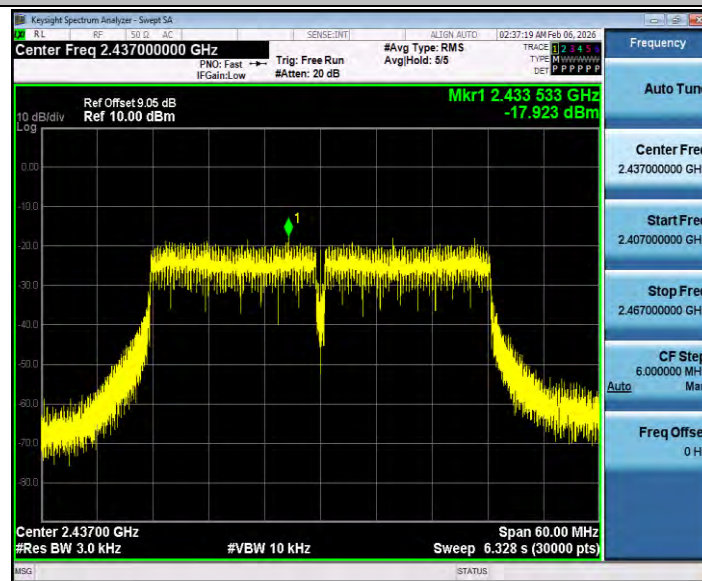
11N20SISO_Ant1_2462



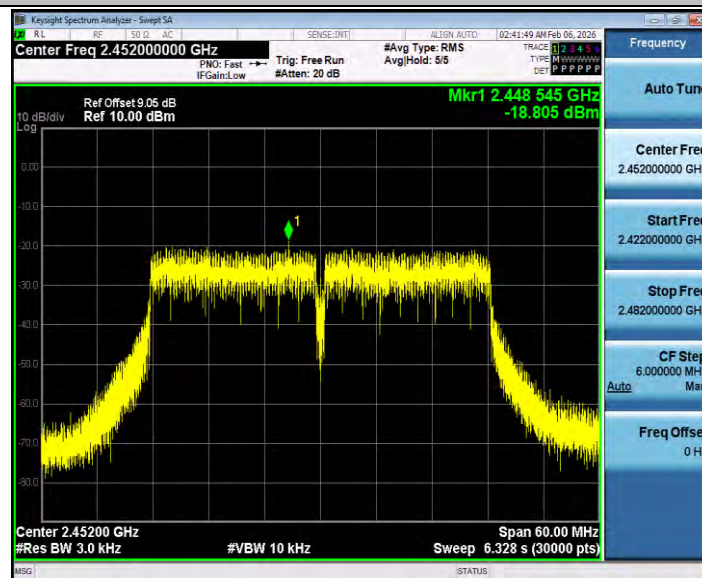
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

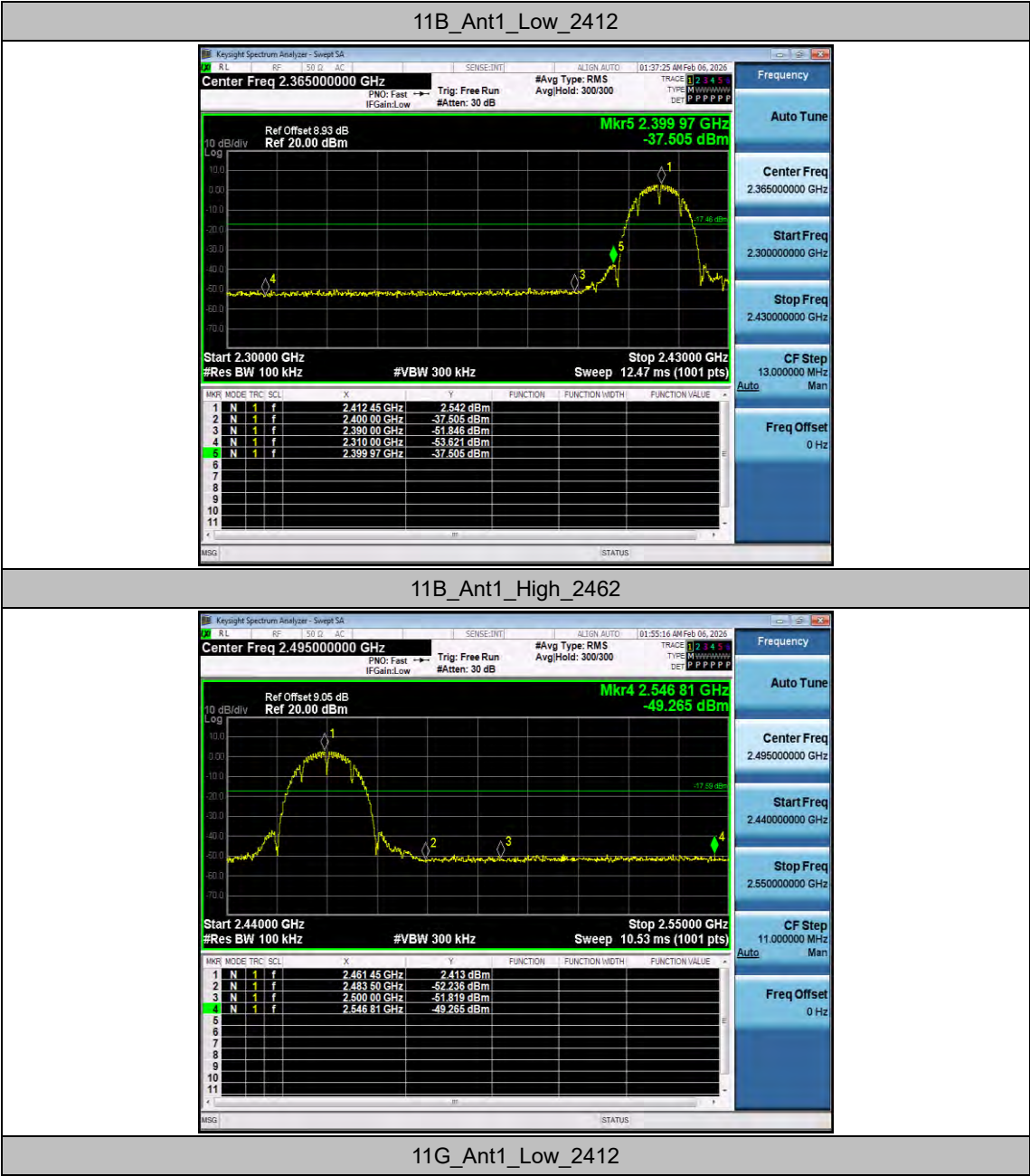


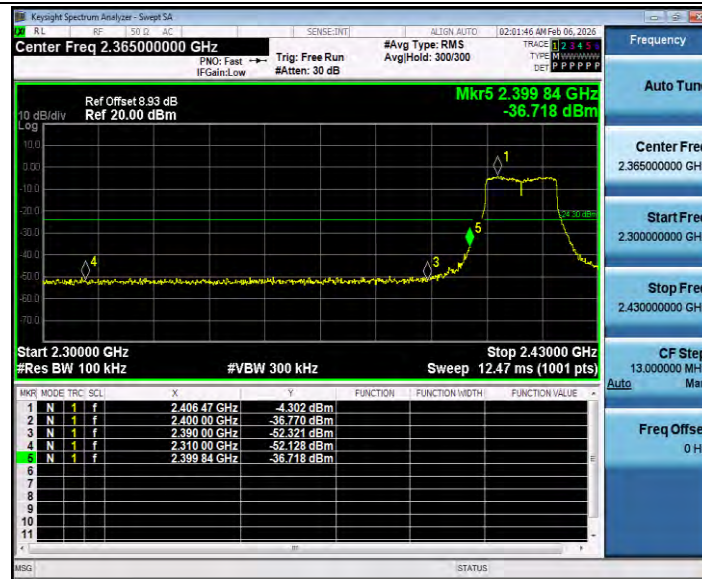
Appendix C.5:Band edge measurements

Test Result

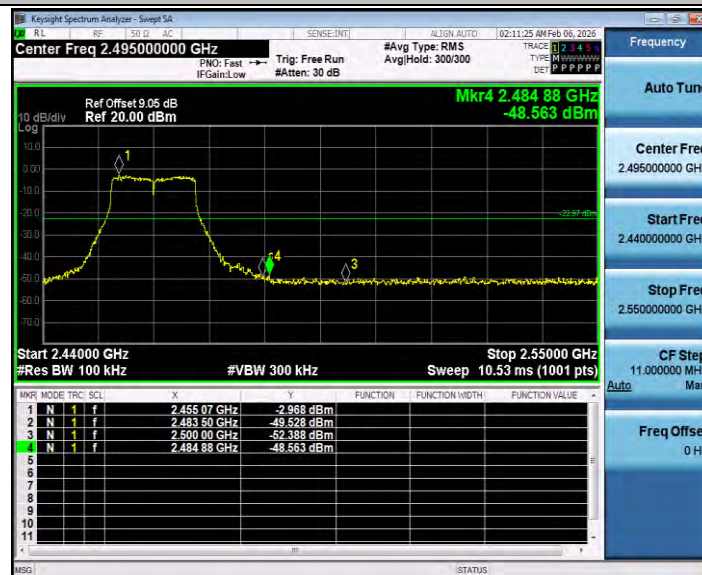
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.54	-37.51	≤ -17.46	PASS
		High	2462	2.41	-49.27	≤ -17.59	PASS
11G	Ant1	Low	2412	-4.30	-36.72	≤ -24.3	PASS
		High	2462	-2.97	-48.56	≤ -22.97	PASS
11N20SISO	Ant1	Low	2412	-3.70	-36.22	≤ -23.7	PASS
		High	2462	-3.71	-47.16	≤ -23.71	PASS
11N40SISO	Ant1	Low	2422	-7.26	-37.99	≤ -27.26	PASS
		High	2452	-6.76	-44.44	≤ -26.76	PASS

Test Graphs

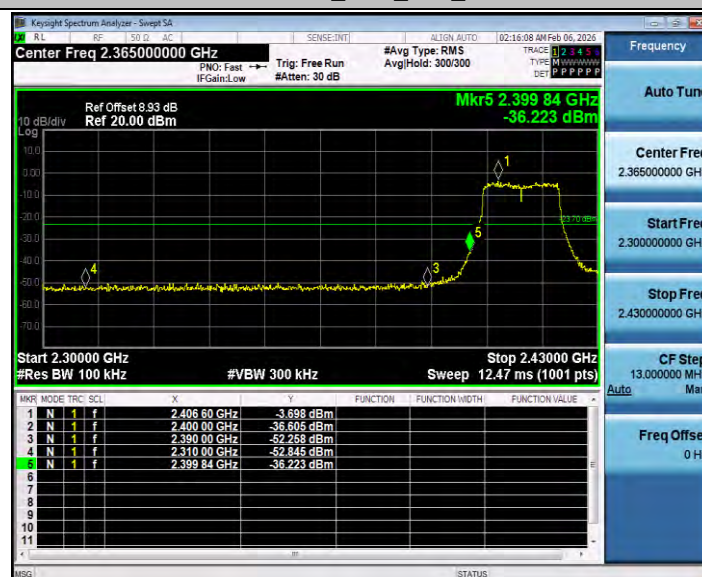




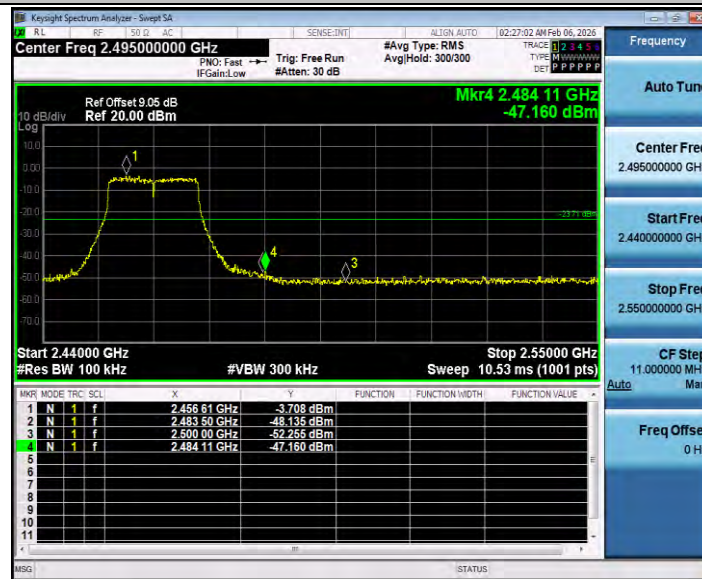
11G_Ant1_High_2462



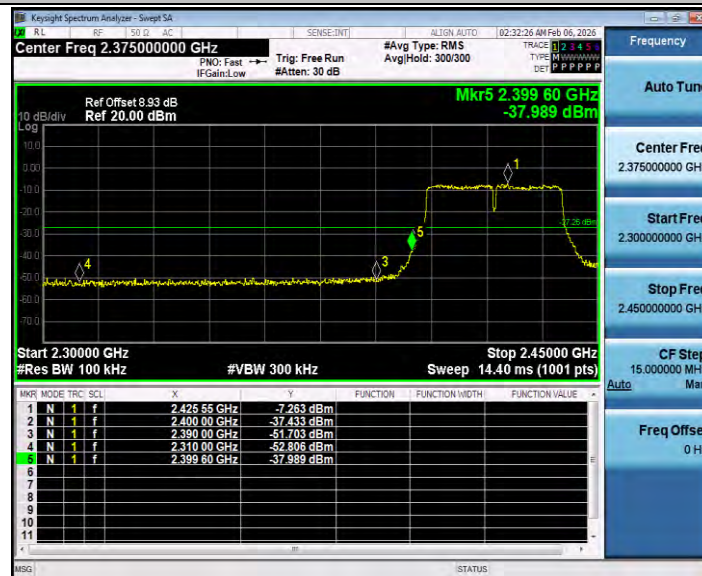
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



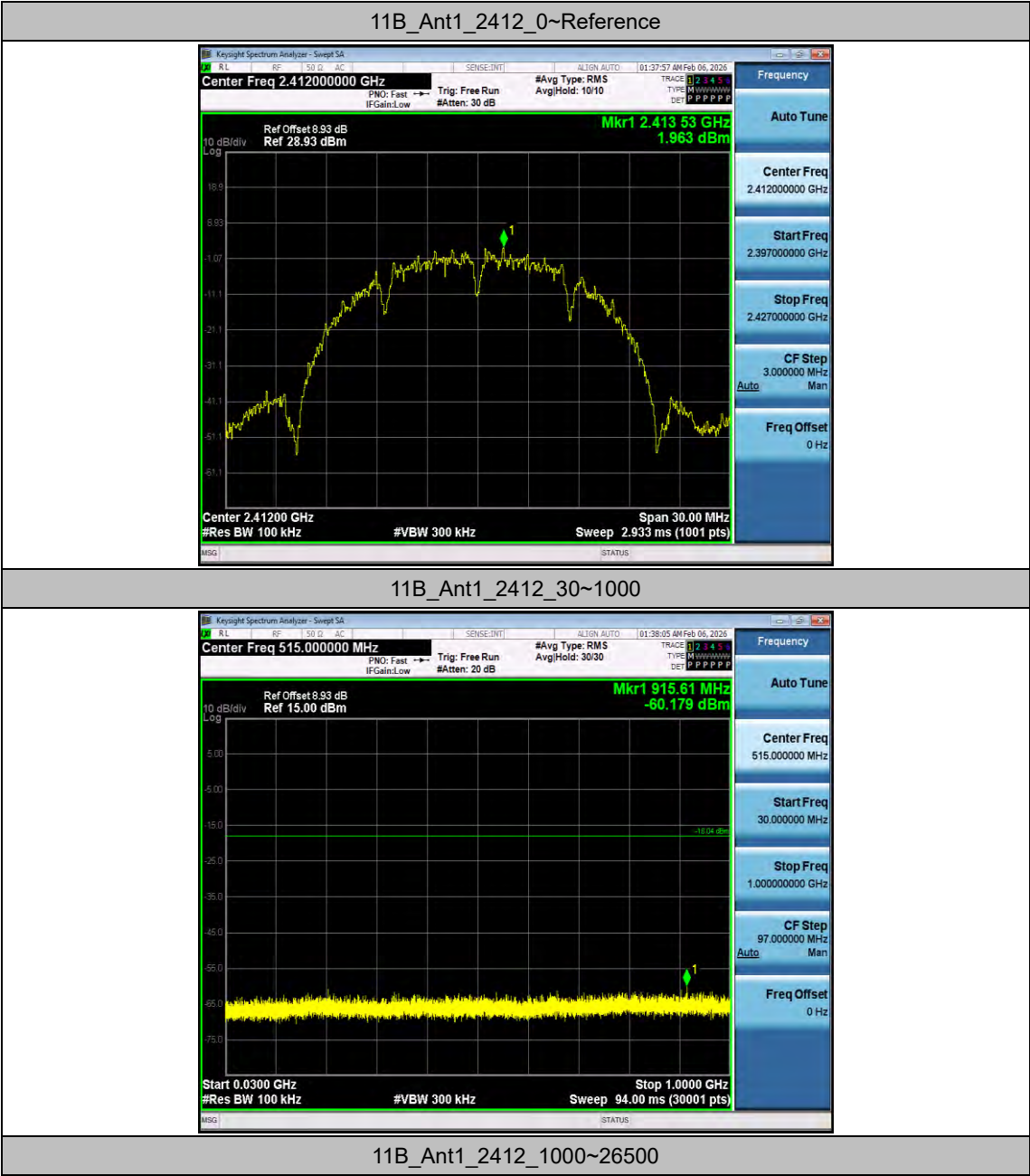
11N40SISO_Ant1_High_2452

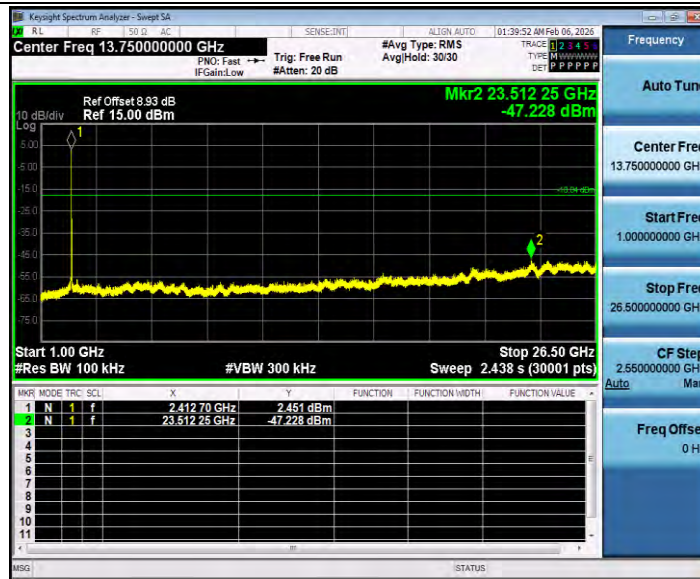
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.96	1.96	---	PASS
			30~1000	1.96	-60.18	≤ -18.04	PASS
			1000~26500	1.96	-47.23	≤ -18.04	PASS
		2437	Reference	1.88	1.88	---	PASS
			30~1000	1.88	-60.24	≤ -18.12	PASS
			1000~26500	1.88	-46.94	≤ -18.12	PASS
		2462	Reference	2.31	2.31	---	PASS
			30~1000	2.31	-60.43	≤ -17.69	PASS
			1000~26500	2.31	-47.59	≤ -17.69	PASS
11G	Ant1	2412	Reference	-5.26	-5.26	---	PASS
			30~1000	-5.26	-60.16	≤ -25.26	PASS
			1000~26500	-5.26	-47	≤ -25.26	PASS
		2437	Reference	-3.20	-3.20	---	PASS
			30~1000	-3.20	-60.23	≤ -23.2	PASS
			1000~26500	-3.20	-47.28	≤ -23.2	PASS
		2462	Reference	-3.21	-3.21	---	PASS
			30~1000	-3.21	-60.45	≤ -23.21	PASS
			1000~26500	-3.21	-47.3	≤ -23.21	PASS
11N20SISO	Ant1	2412	Reference	-4.07	-4.07	---	PASS
			30~1000	-4.07	-61.11	≤ -24.07	PASS
			1000~26500	-4.07	-47.37	≤ -24.07	PASS
		2437	Reference	-3.02	-3.02	---	PASS
			30~1000	-3.02	-59.99	≤ -23.02	PASS
			1000~26500	-3.02	-47.41	≤ -23.02	PASS
		2462	Reference	-4.38	-4.38	---	PASS
			30~1000	-4.38	-59.33	≤ -24.38	PASS
			1000~26500	-4.38	-46.68	≤ -24.38	PASS
11N40SISO	Ant1	2422	Reference	-8.42	-8.42	---	PASS
			30~1000	-8.42	-60.7	≤ -28.42	PASS
			1000~26500	-8.42	-47.7	≤ -28.42	PASS
		2437	Reference	-5.63	-5.63	---	PASS
			30~1000	-5.63	-59.92	≤ -25.63	PASS
			1000~26500	-5.63	-47.26	≤ -25.63	PASS
		2452	Reference	-7.37	-7.37	---	PASS
			30~1000	-7.37	-60.32	≤ -27.37	PASS
			1000~26500	-7.37	-47	≤ -27.37	PASS

Test Graphs

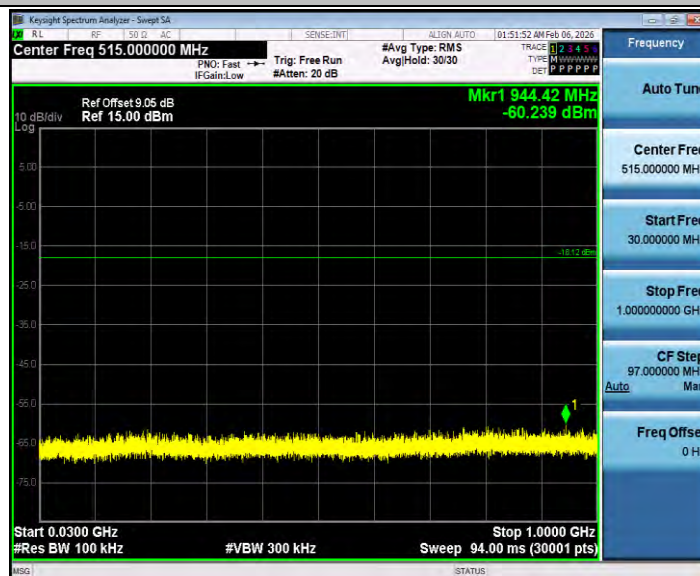




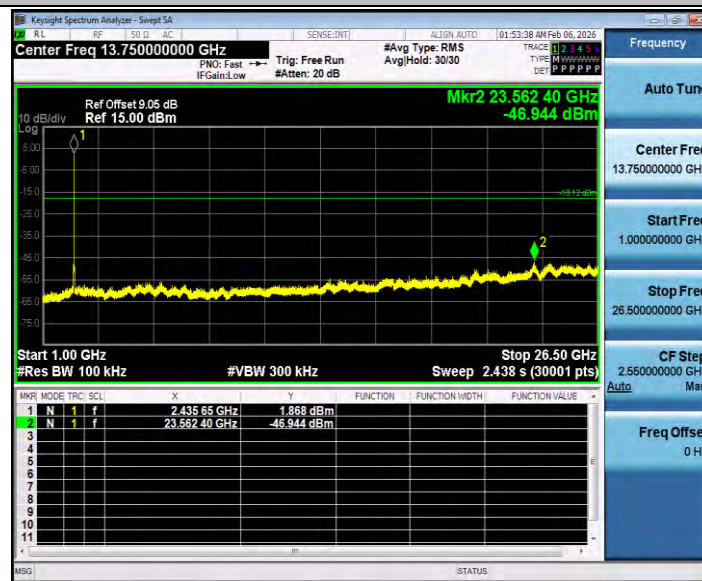
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



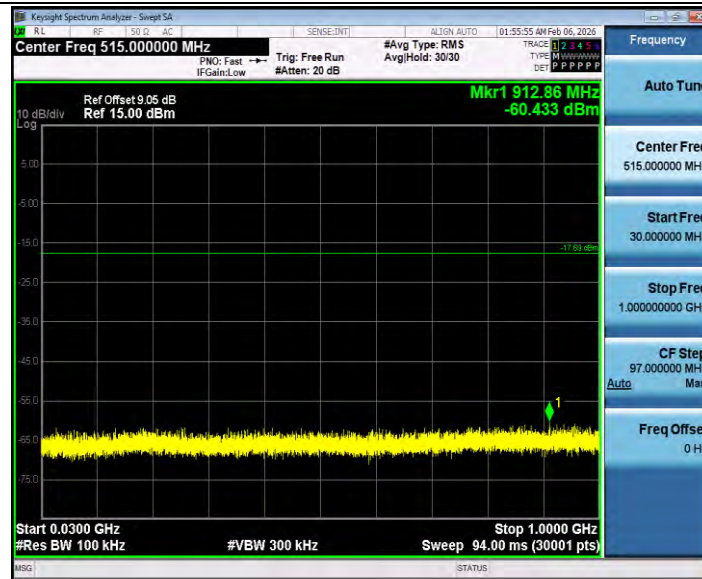
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000

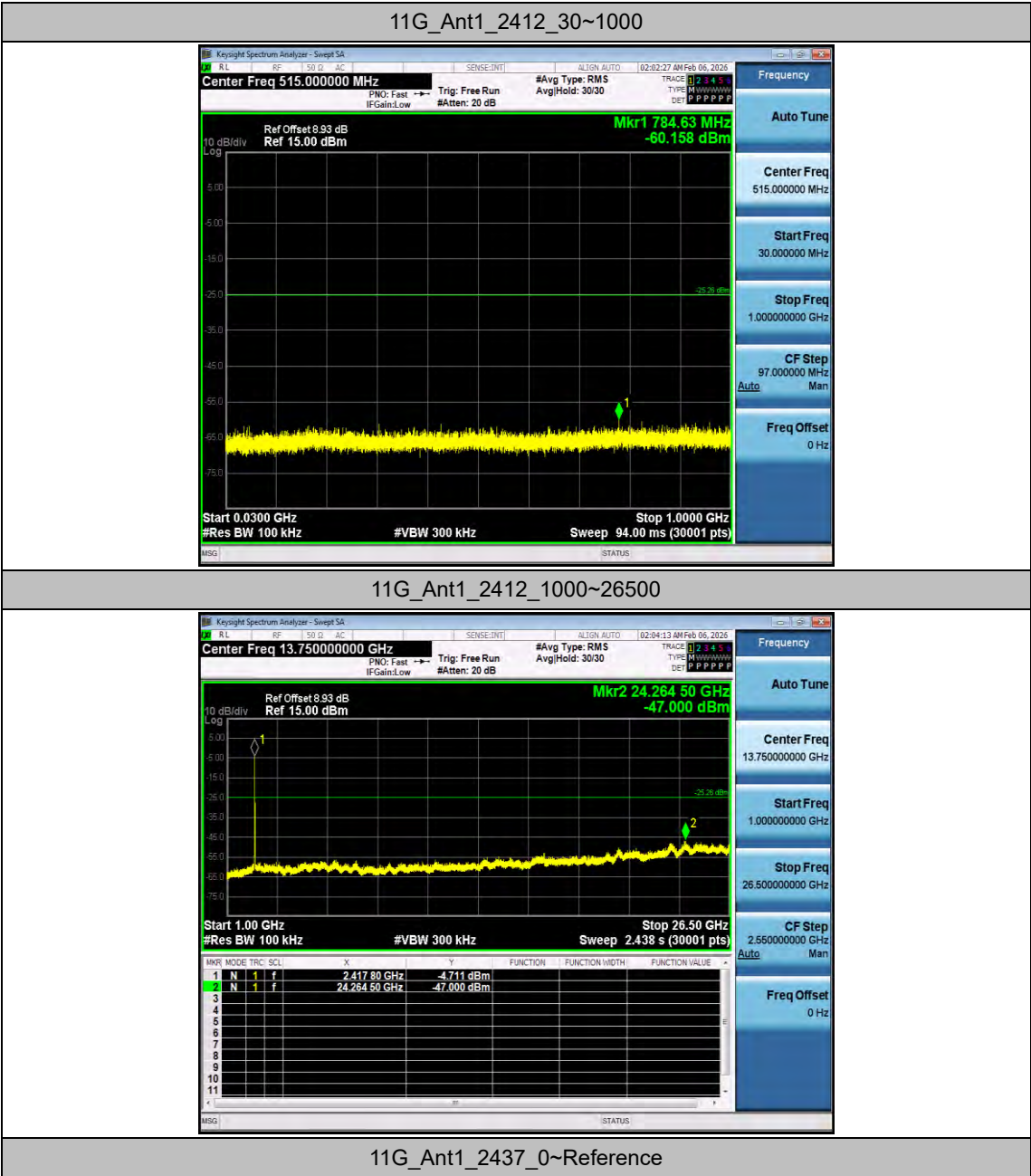


11B_Ant1_2462_1000~26500



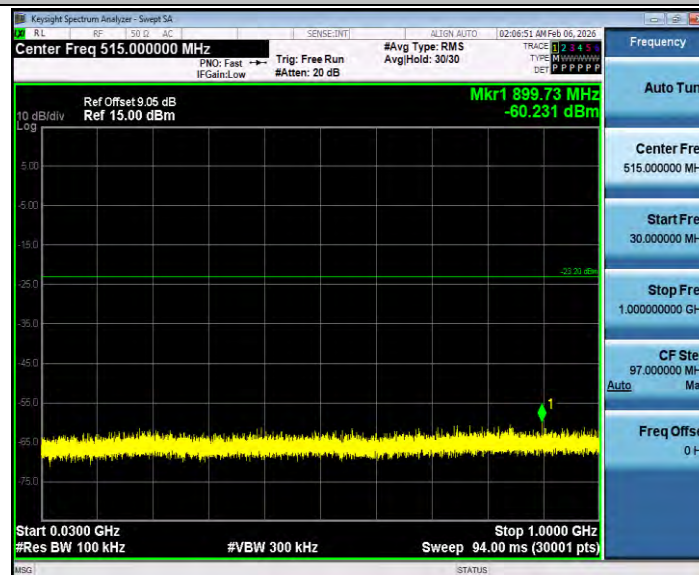
11G_Ant1_2412_0~Reference







11G_Ant1_2437_30~1000



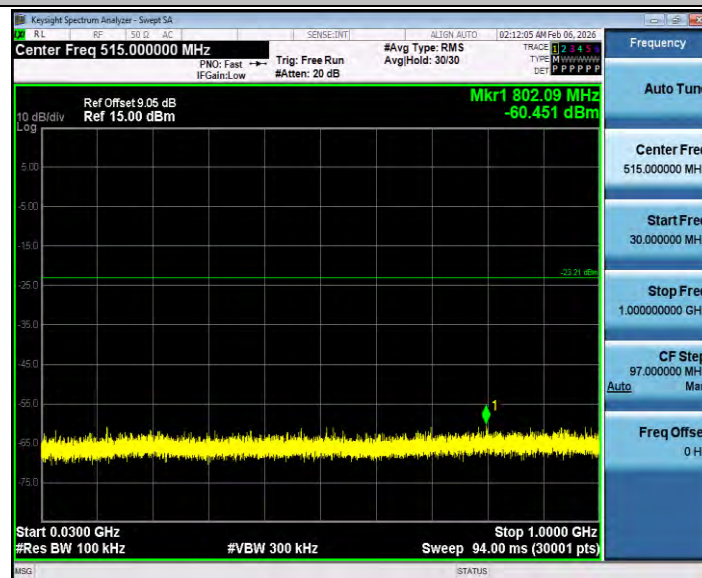
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



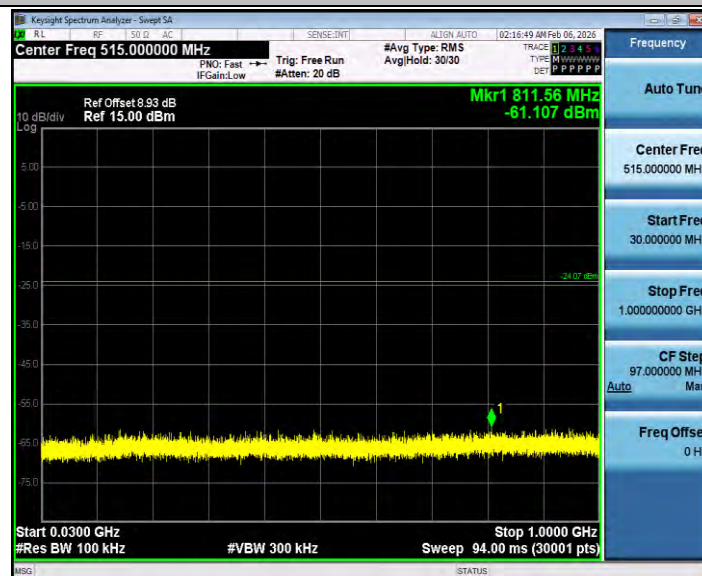
11G_Ant1_2462_1000~26500



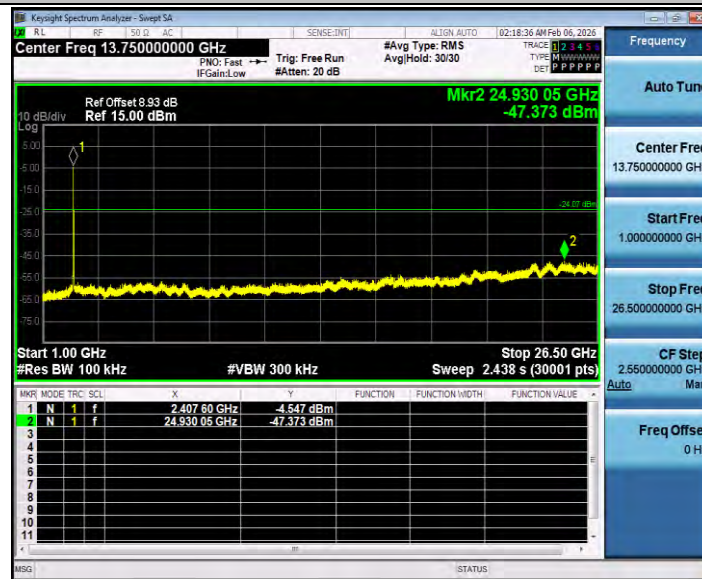
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



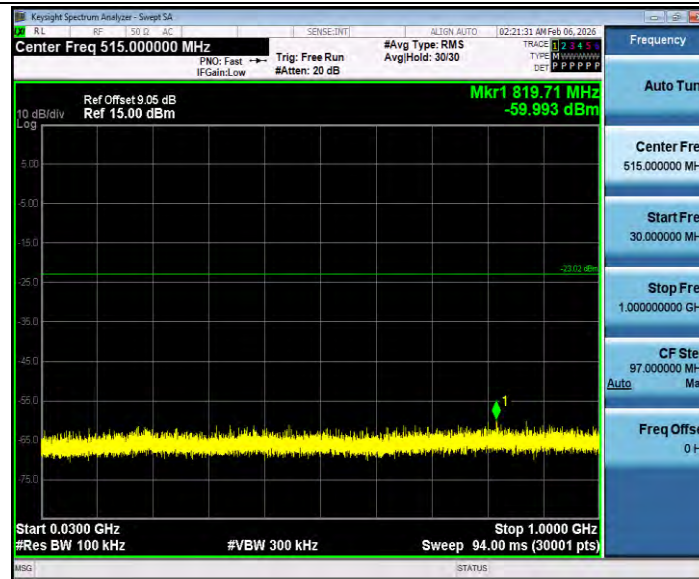
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

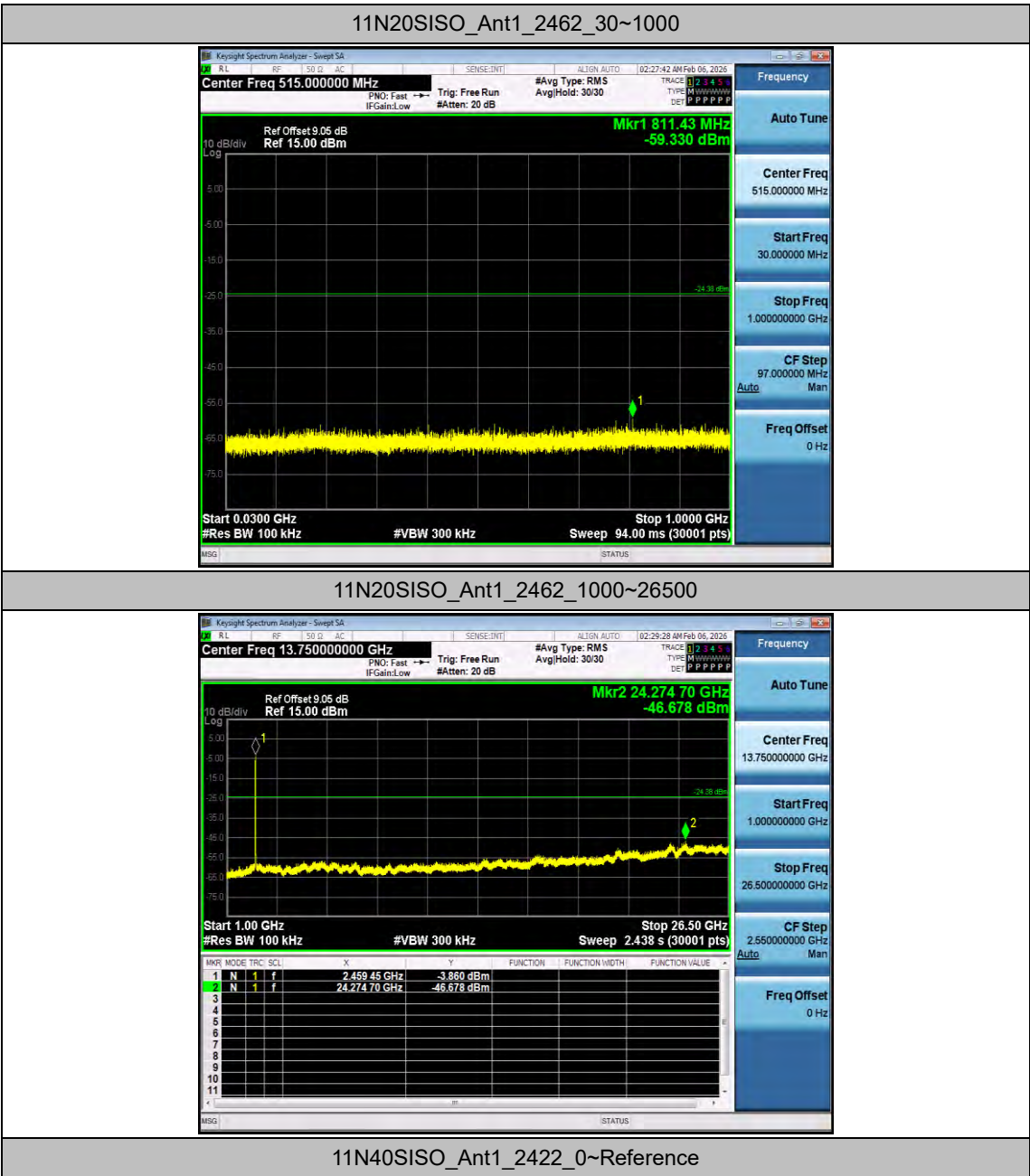


11N20SISO_Ant1_2437_1000~26500



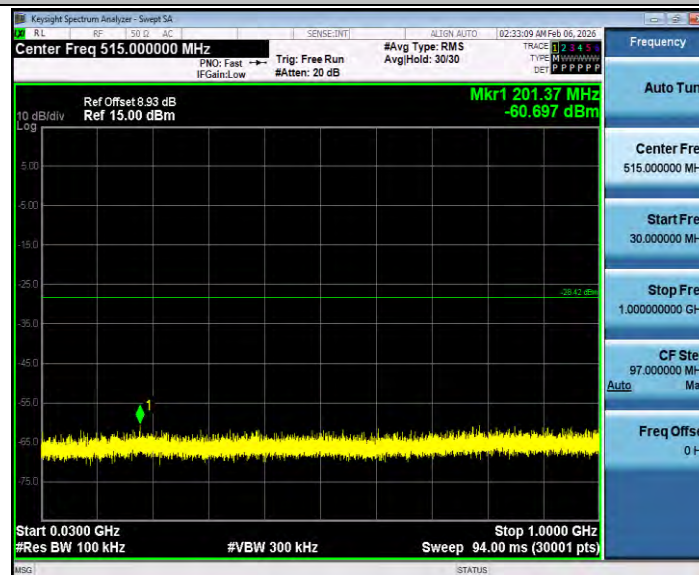
11N20SISO_Ant1_2462_0~Reference







11N40SISO_Ant1_2422_30~1000



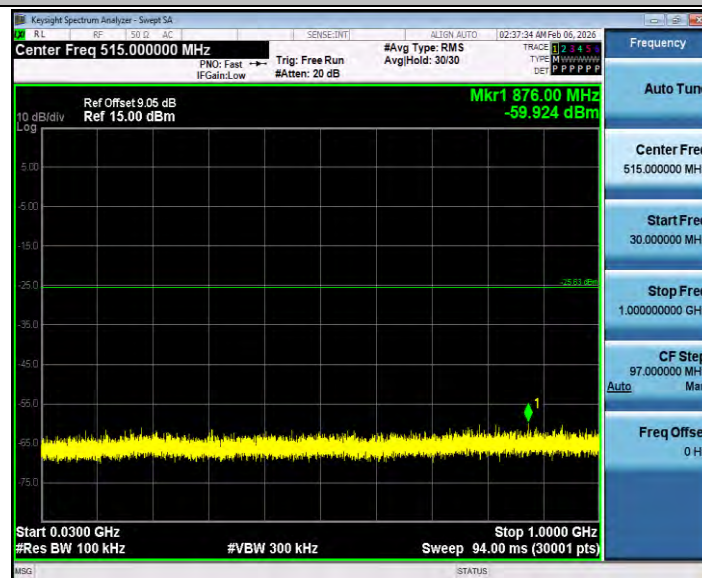
11N40SISO_Ant1_2422_1000~26500



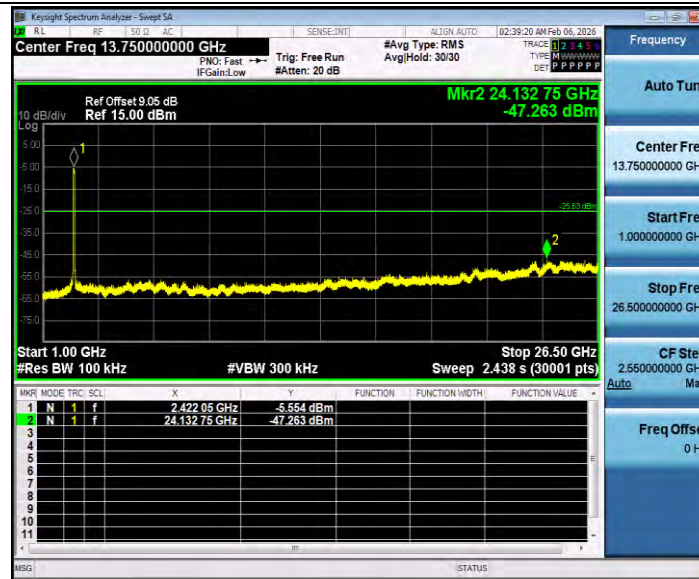
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



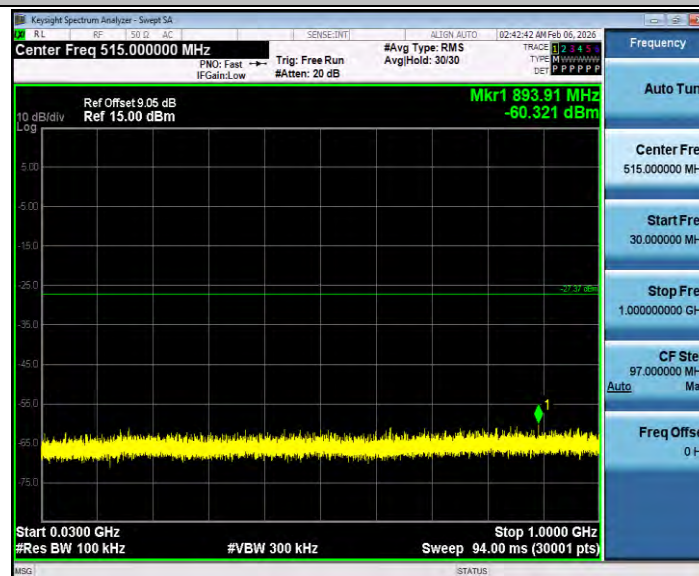
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



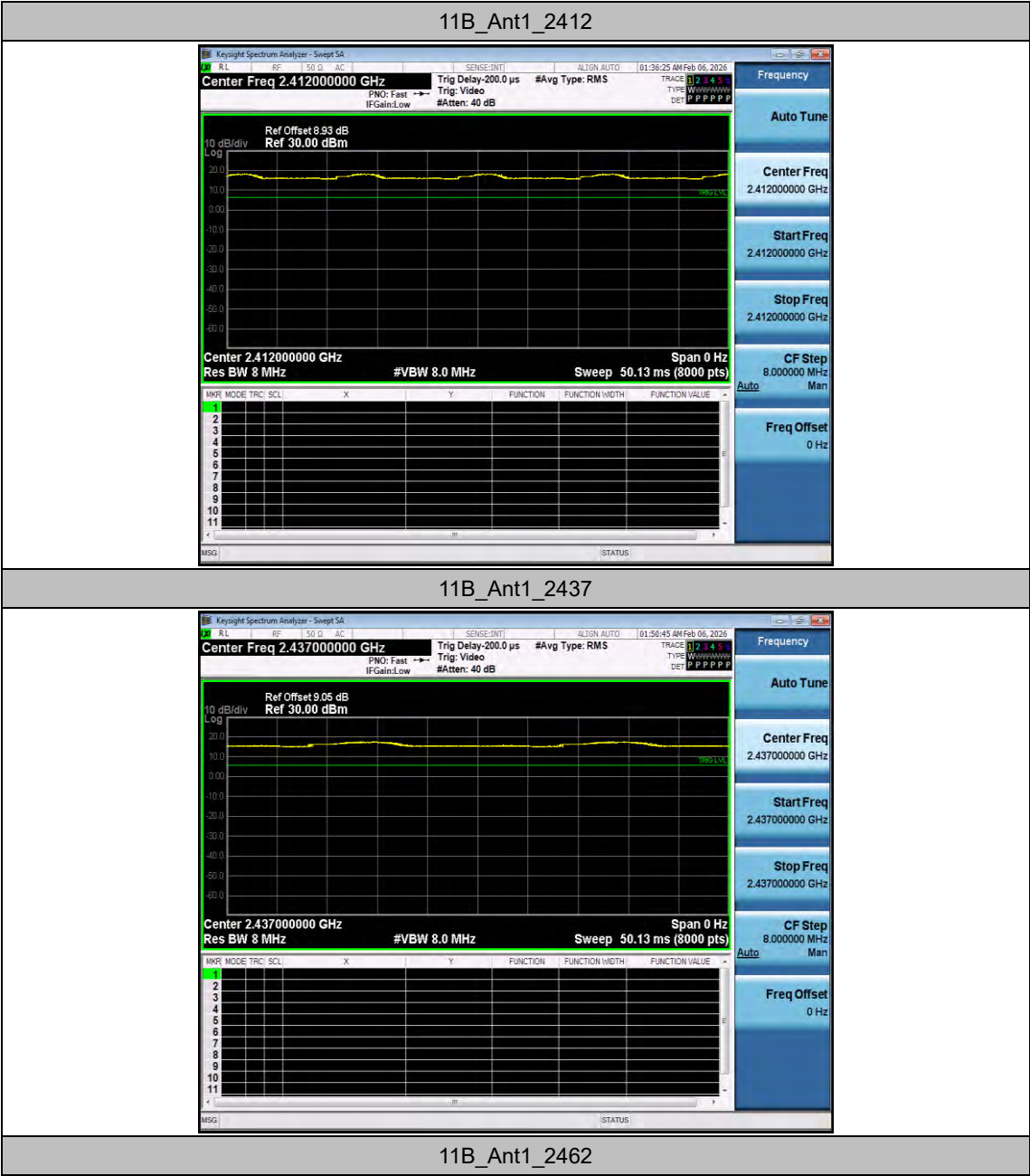


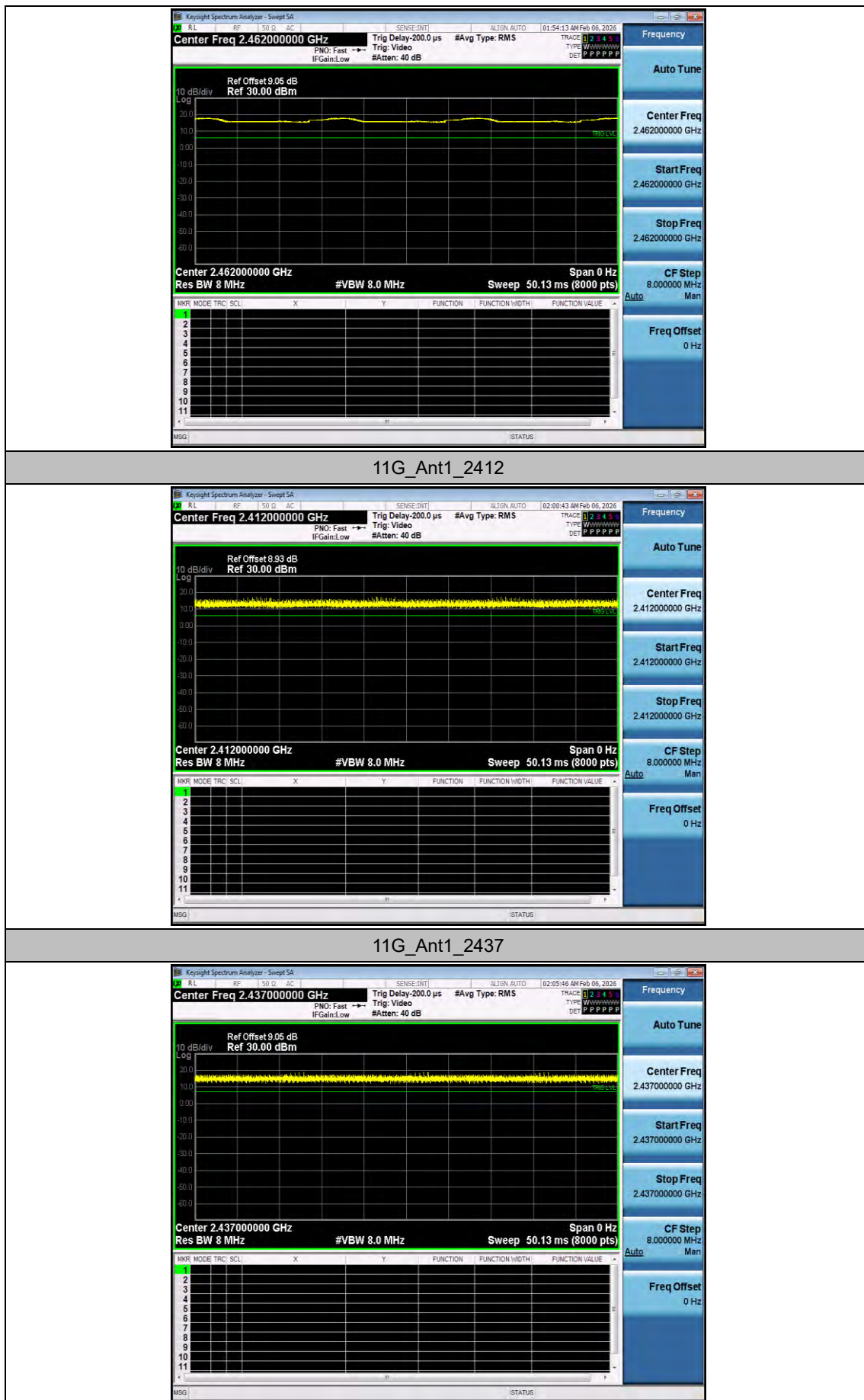
Appendix C.7: Duty Cycle

Test Result

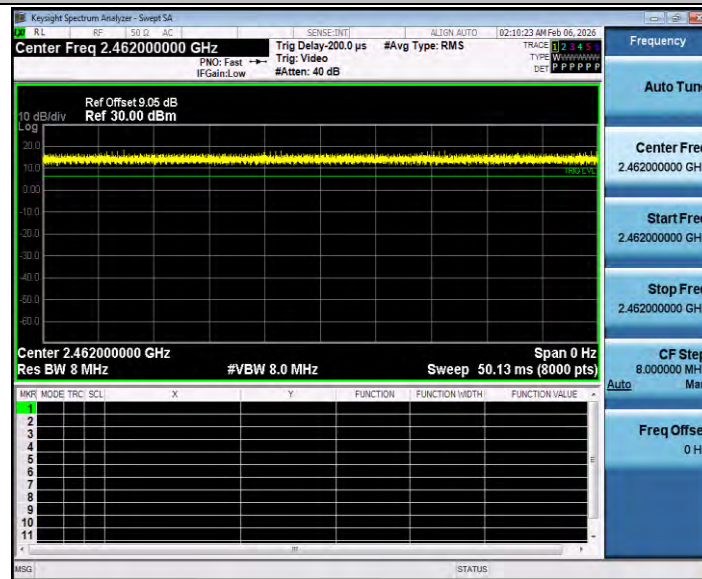
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N20SISO	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N40SISO	Ant1	2422	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2452	50.00	50.00	100.00	0.00	0.02

Test Graphs

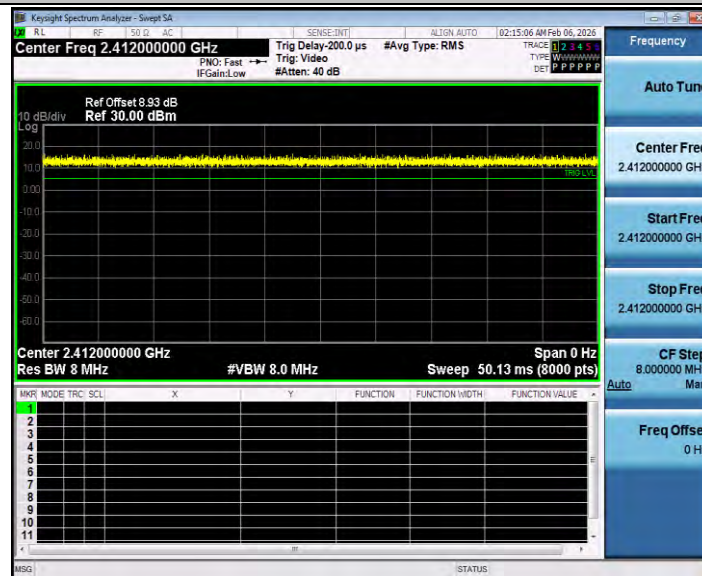




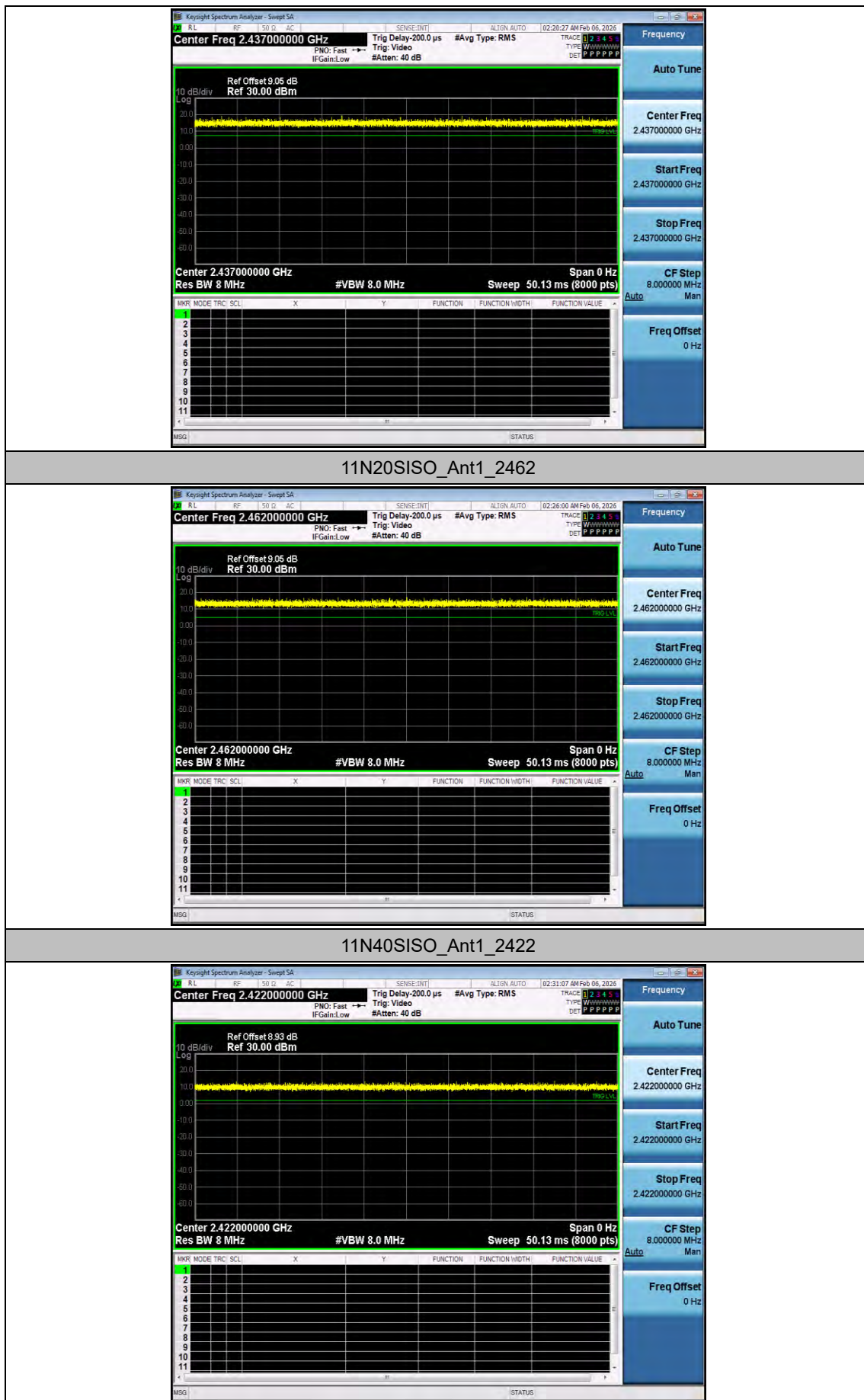
11G_Ant1_2462



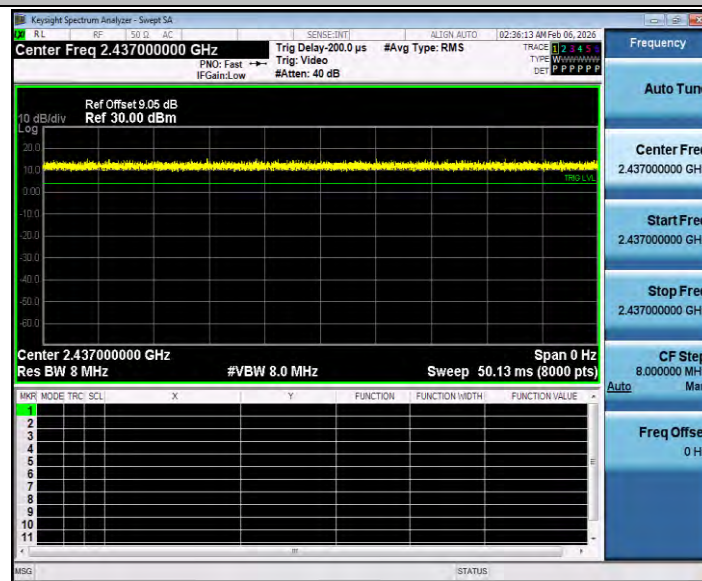
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

