

Case No. : <u>GTS20260302018-2-03</u>
Ambient Condition: <u>25</u> °C, <u>52</u> %RH,
Test Date: <u>2026.3.19-2026.3.26</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	16.440	2403.840	2420.280	0.5	PASS
		2437	16.400	2428.840	2445.240	0.5	PASS
		2462	16.440	2453.800	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.440	2428.280	2445.720	0.5	PASS
		2462	17.440	2453.200	2470.640	0.5	PASS
11N40SISO	Ant1	2422	36.240	2404.000	2440.240	0.5	PASS
		2437	36.240	2419.000	2455.240	0.5	PASS
		2452	36.000	2434.000	2470.000	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



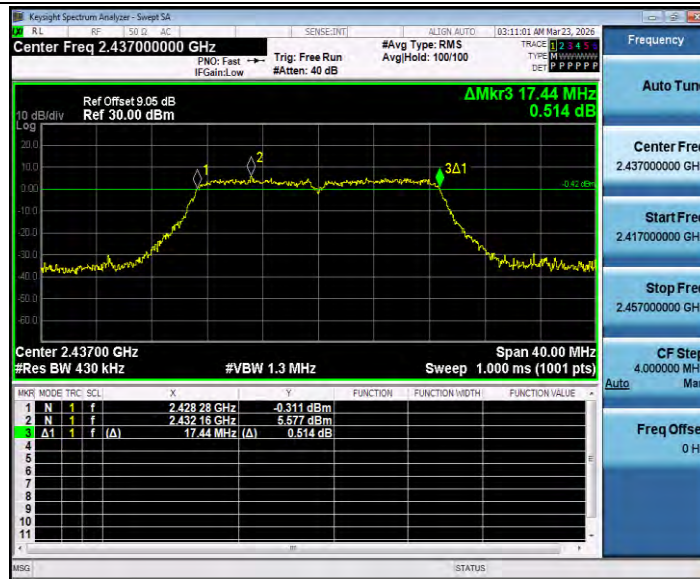
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



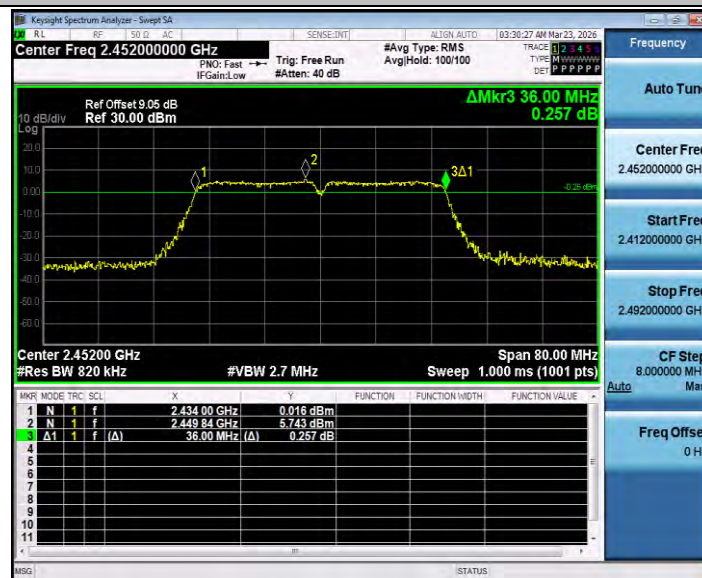
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

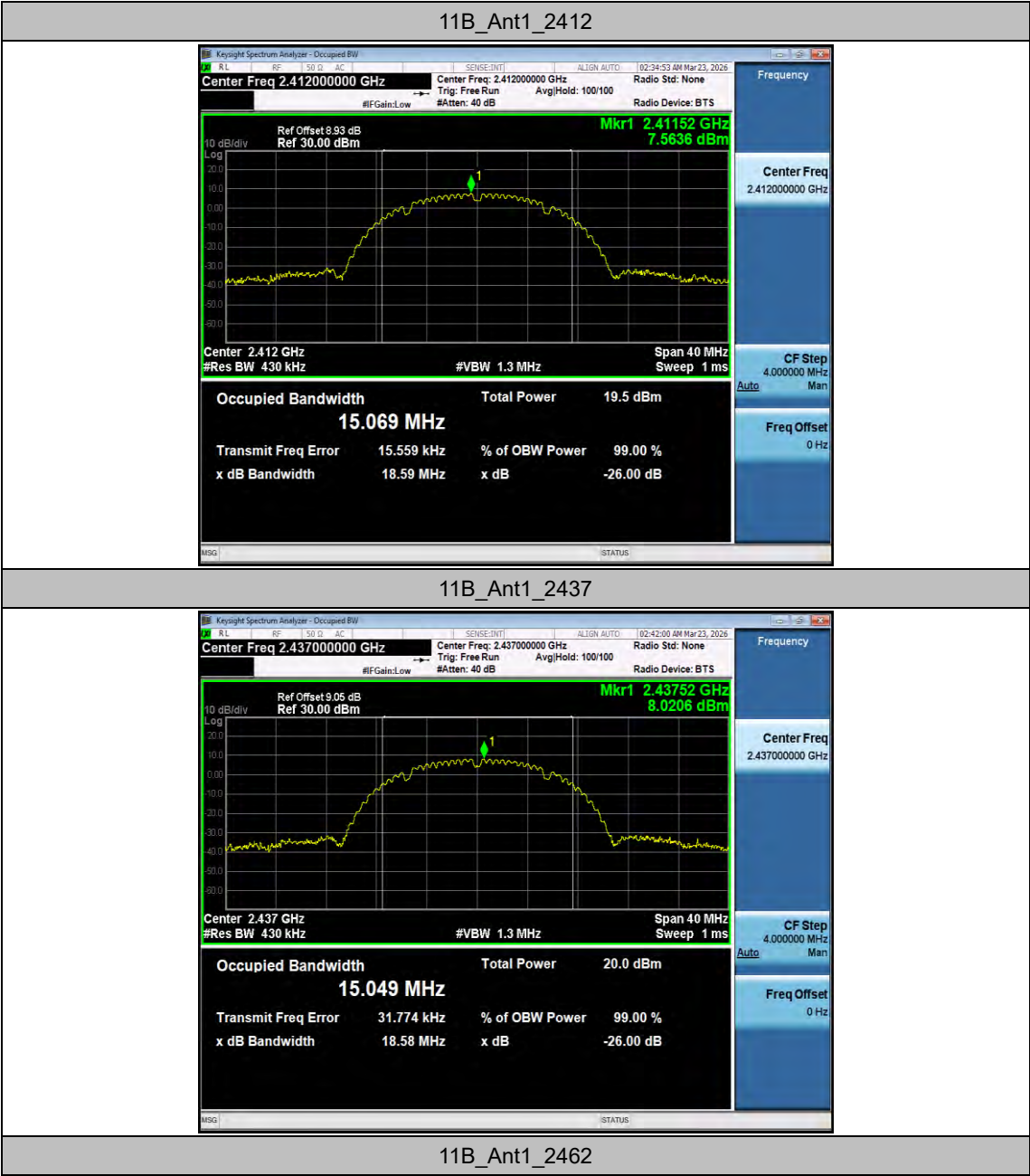


Appendix C.2: Occupied Channel Bandwidth

Test Result

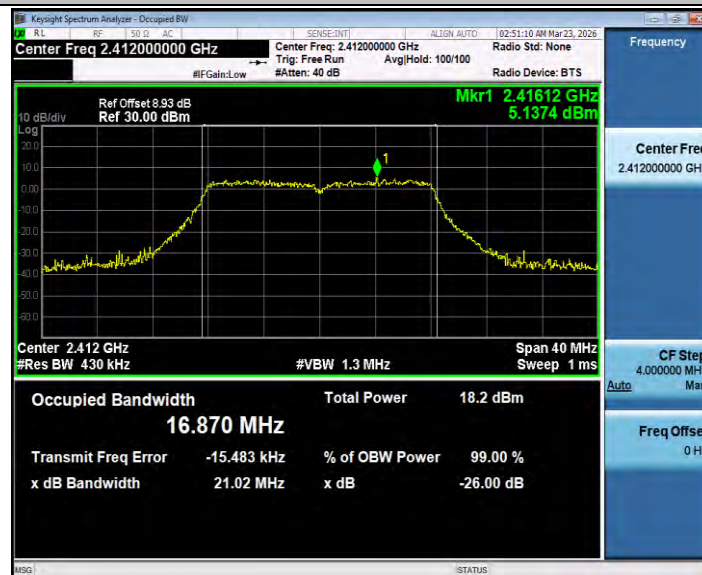
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.069	2404.4811	2419.5501	---	---
		2437	15.049	2429.5073	2444.5563	---	---
		2462	15.026	2454.4703	2469.4963	---	---
11G	Ant1	2412	16.870	2403.5495	2420.4195	---	---
		2437	16.909	2428.5148	2445.4238	---	---
		2462	16.890	2453.4776	2470.3676	---	---
11N20SISO	Ant1	2412	17.908	2403.0503	2420.9583	---	---
		2437	17.897	2428.0261	2445.9231	---	---
		2462	17.907	2453.0228	2470.9298	---	---
11N40SISO	Ant1	2422	36.448	2403.8503	2440.2983	---	---
		2437	36.322	2418.9350	2455.2570	---	---
		2452	36.318	2433.8378	2470.1558	---	---

Test Graphs

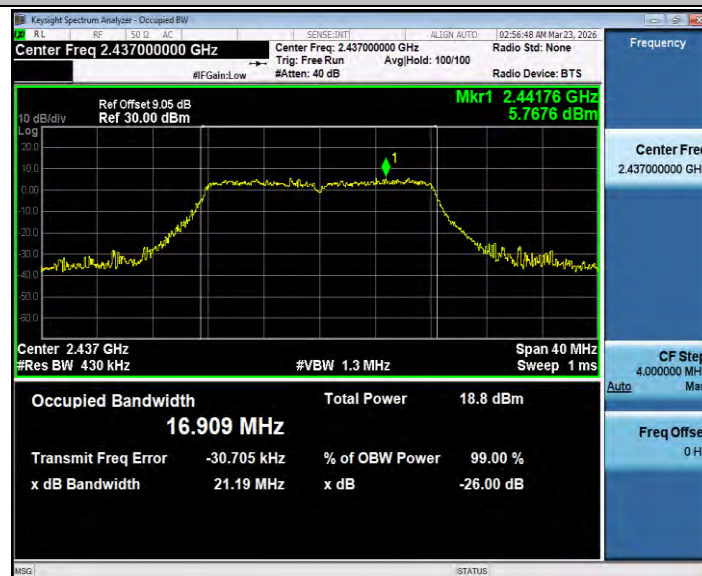




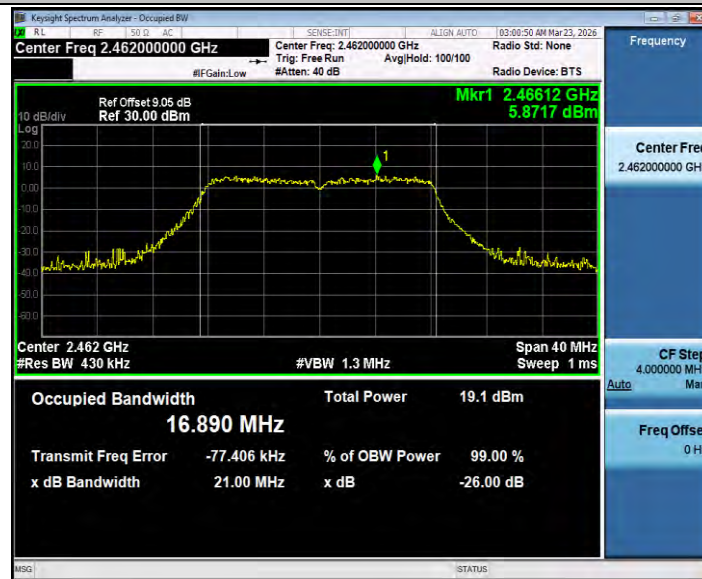
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



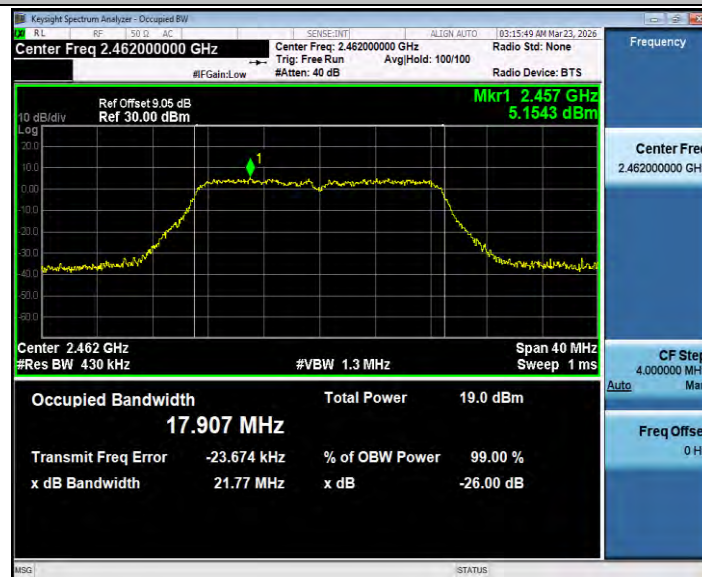
11N20SISO_Ant1_2412



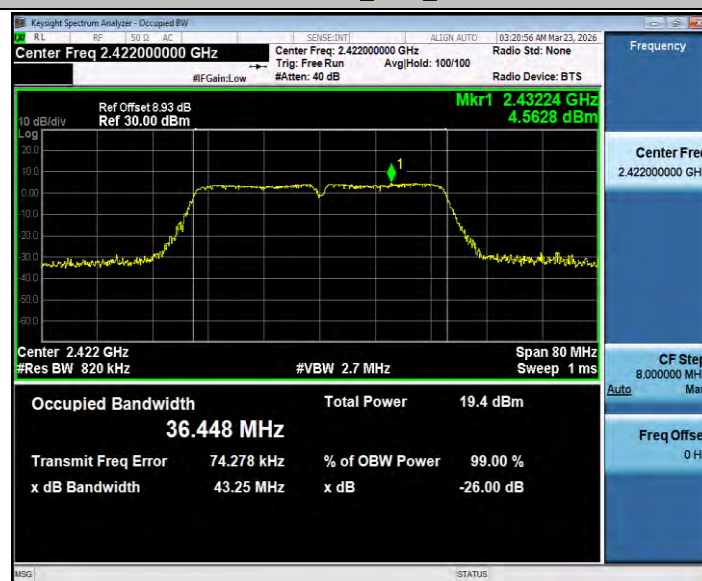
11N20SISO_Ant1_2437



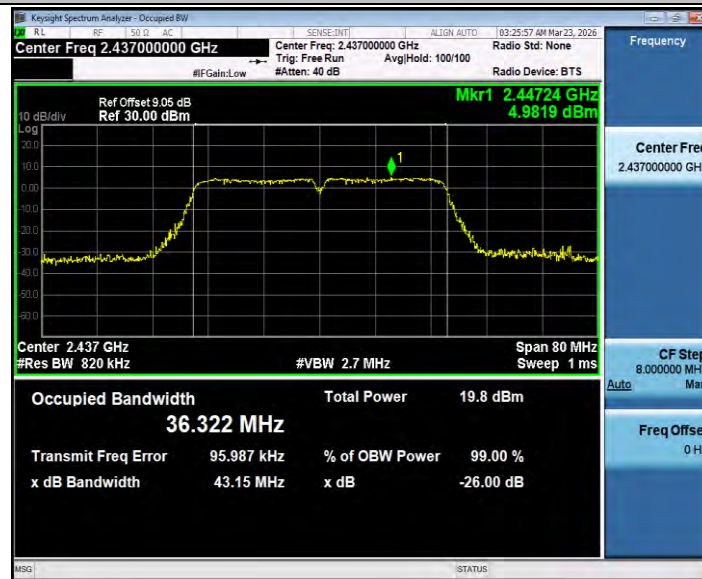
11N20SISO_Ant1_2462



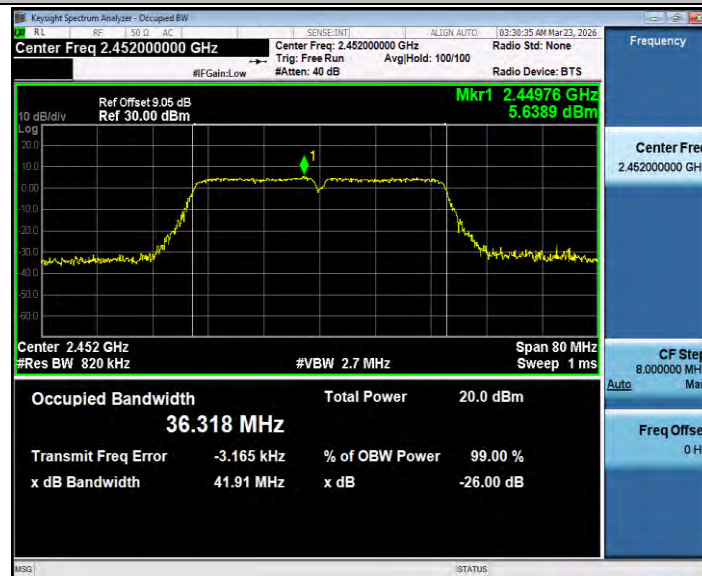
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	AV power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	19.58	17.27	≤30.00	PASS
		2437	20.08	17.87	≤30.00	PASS
		2462	20.32	17.33	≤30.00	PASS
11G	Ant1	2412	19.32	15.69	≤30.00	PASS
		2437	20.02	16.18	≤30.00	PASS
		2462	20.18	16.70	≤30.00	PASS
11N20SISO	Ant1	2412	19.61	14.96	≤30.00	PASS
		2437	20.19	16.01	≤30.00	PASS
		2462	20.42	16.38	≤30.00	PASS
11N40SISO	Ant1	2422	19.75	13.98	≤30.00	PASS
		2437	20.07	14.92	≤30.00	PASS
		2452	20.26	15.22	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

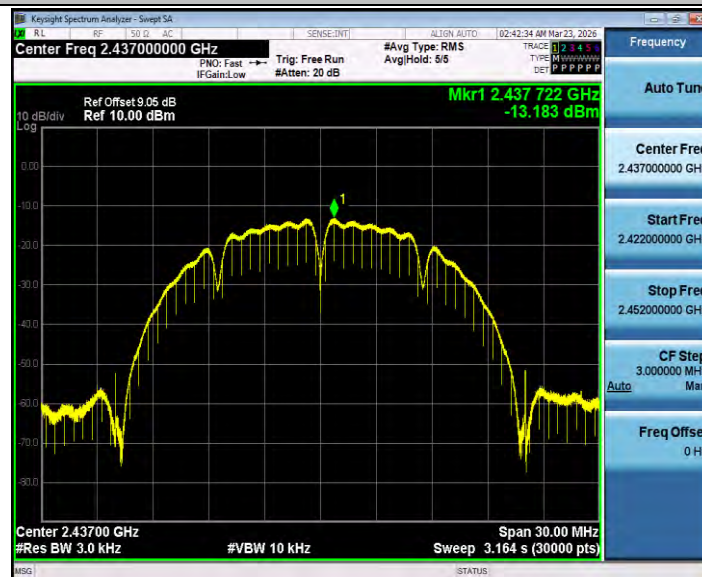
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.77	≤8.00	PASS
		2437	-13.18	≤8.00	PASS
		2462	-12.82	≤8.00	PASS
11G	Ant1	2412	-16.13	≤8.00	PASS
		2437	-15.31	≤8.00	PASS
		2462	-15.64	≤8.00	PASS
11N20SISO	Ant1	2412	-15.97	≤8.00	PASS
		2437	-14.20	≤8.00	PASS
		2462	-14.61	≤8.00	PASS
11N40SISO	Ant1	2422	-17.28	≤8.00	PASS
		2437	-16.69	≤8.00	PASS
		2452	-16.01	≤8.00	PASS

Test Graphs

11B_Ant1_2412



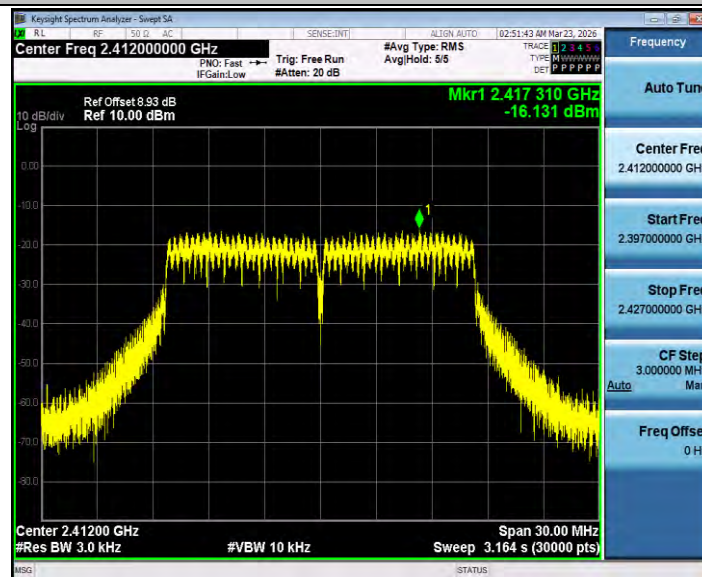
11B_Ant1_2437



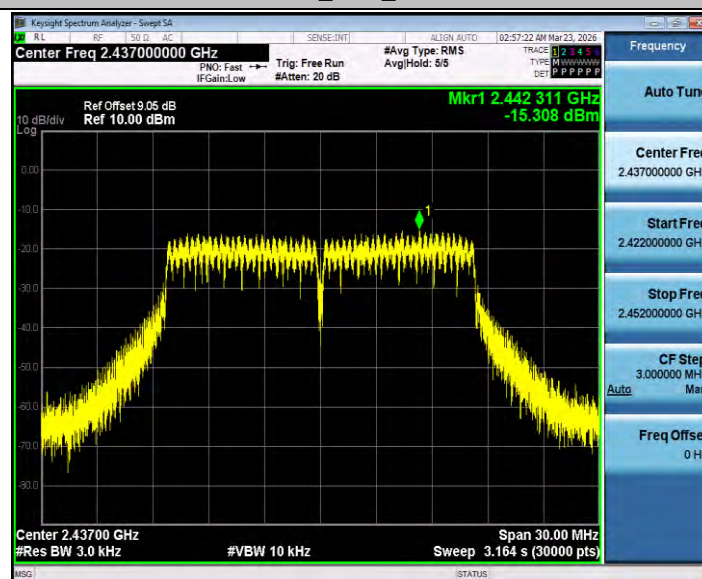
11B_Ant1_2462



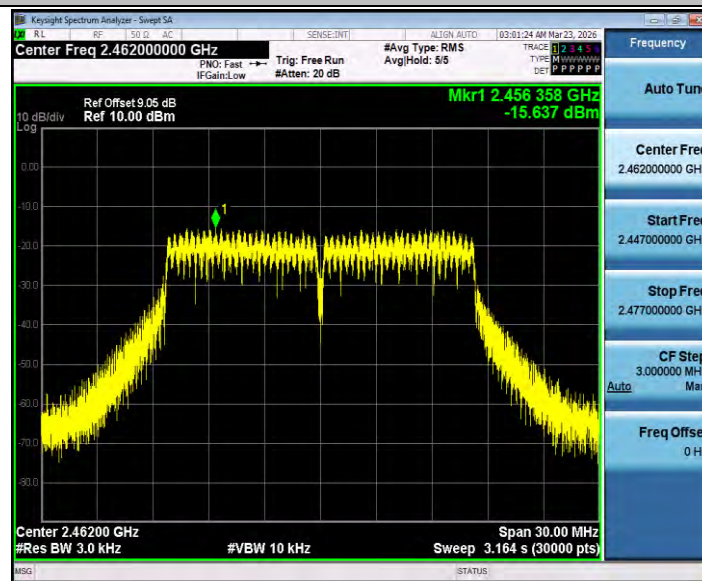
11G_Ant1_2412



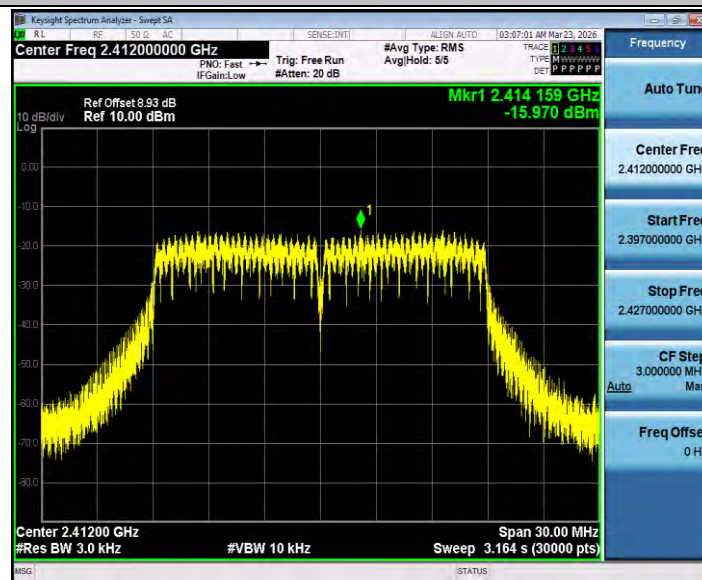
11G_Ant1_2437



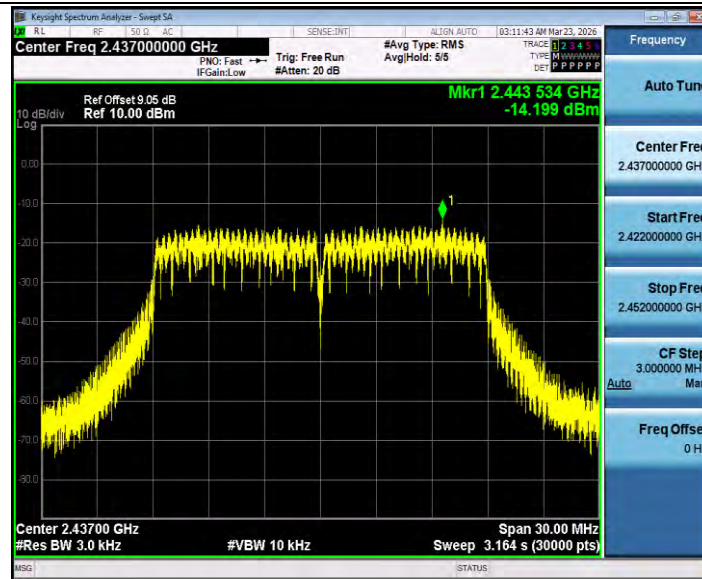
11G_Ant1_2462



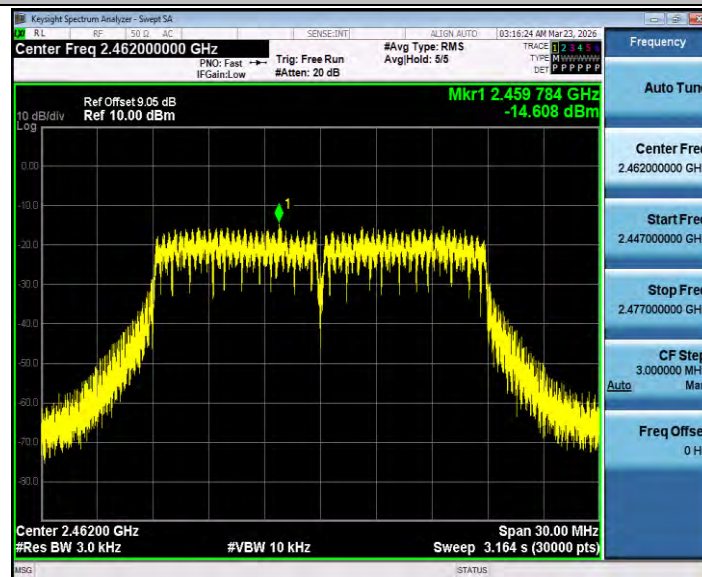
11N20SISO_Ant1_2412



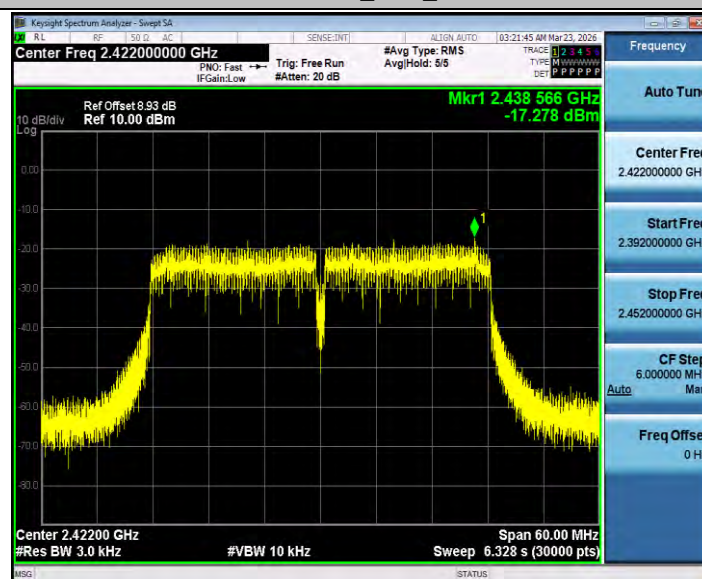
11N20SISO_Ant1_2437



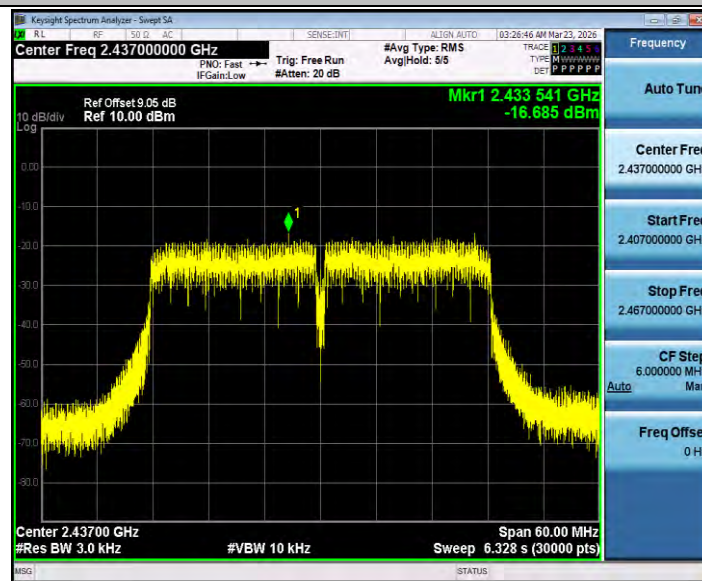
11N20SISO_Ant1_2462



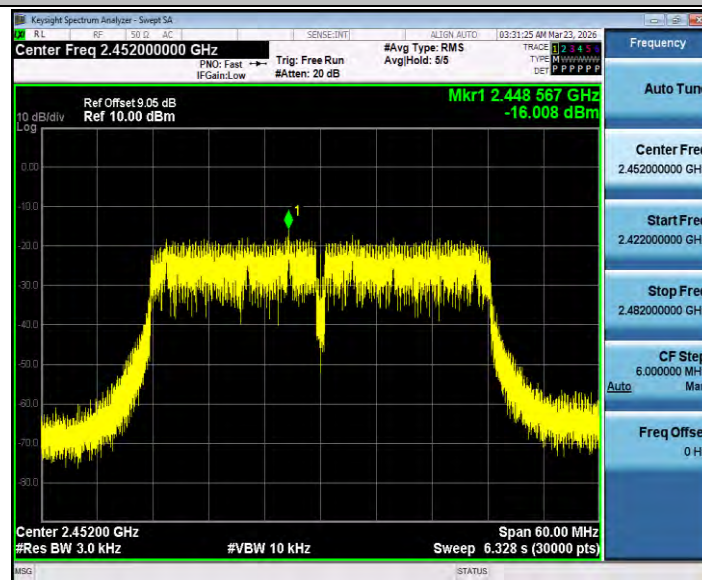
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

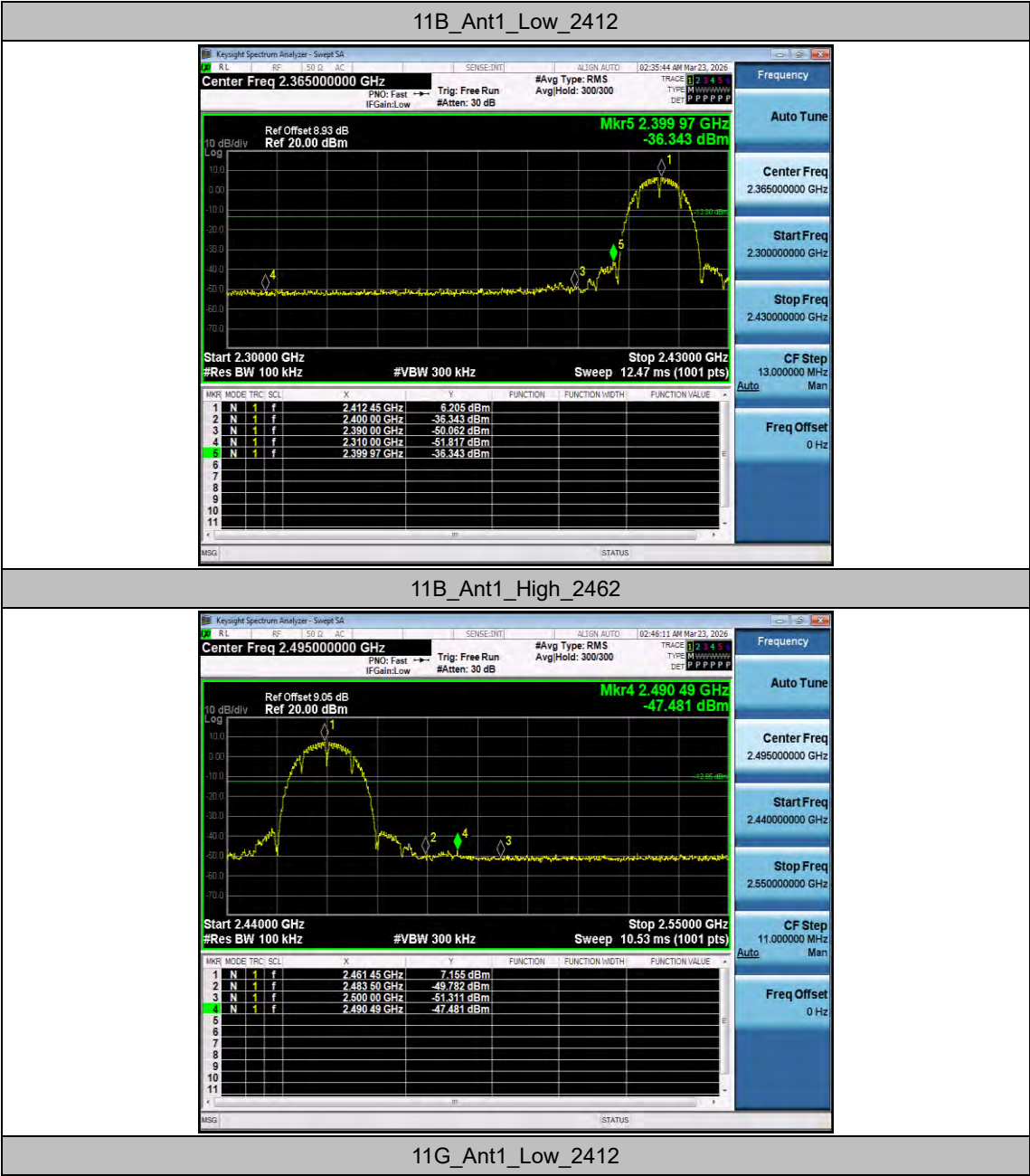


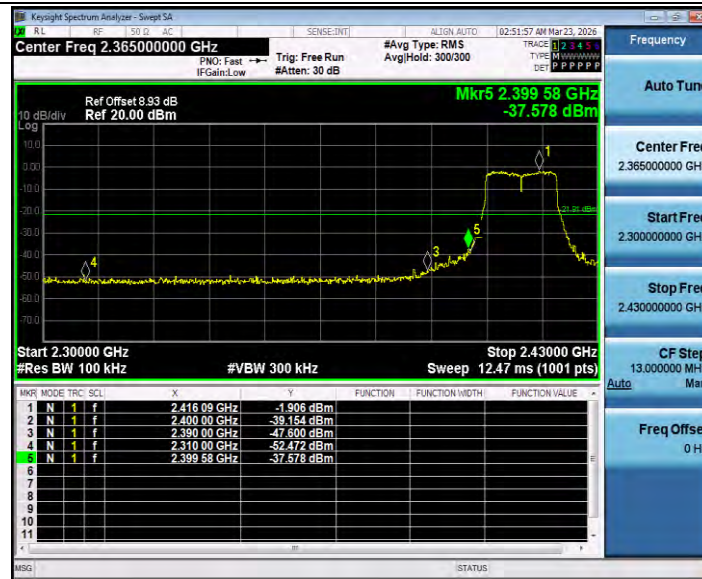
Appendix C.5:Band edge measurements

Test Result

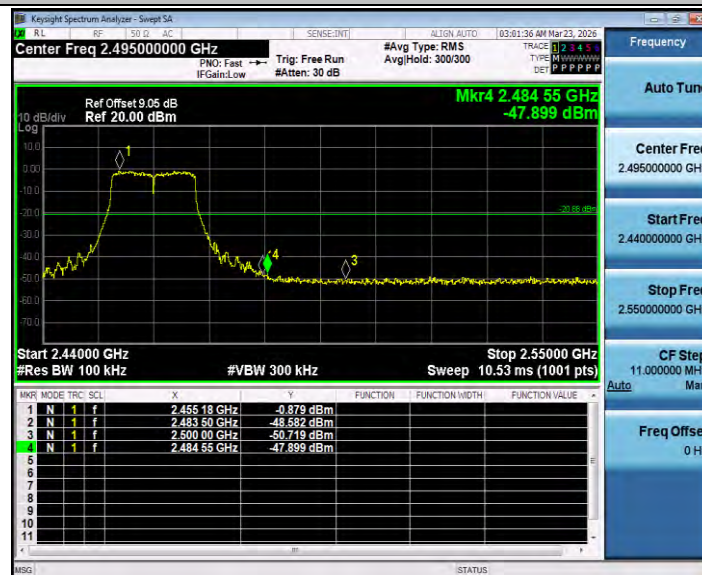
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.21	-36.34	≤ -13.8	PASS
		High	2462	7.16	-47.48	≤ -12.85	PASS
11G	Ant1	Low	2412	-1.91	-37.58	≤ -21.91	PASS
		High	2462	-0.88	-47.9	≤ -20.88	PASS
11N20SISO	Ant1	Low	2412	-1.56	-37.94	≤ -21.56	PASS
		High	2462	-0.33	-46.85	≤ -20.33	PASS
11N40SISO	Ant1	Low	2422	-4.27	-38.9	≤ -24.27	PASS
		High	2452	-4.09	-41.64	≤ -24.09	PASS

Test Graphs

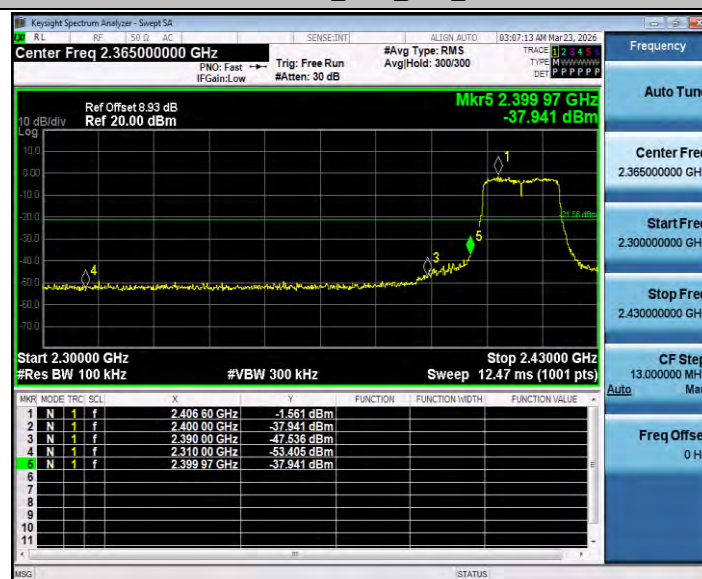




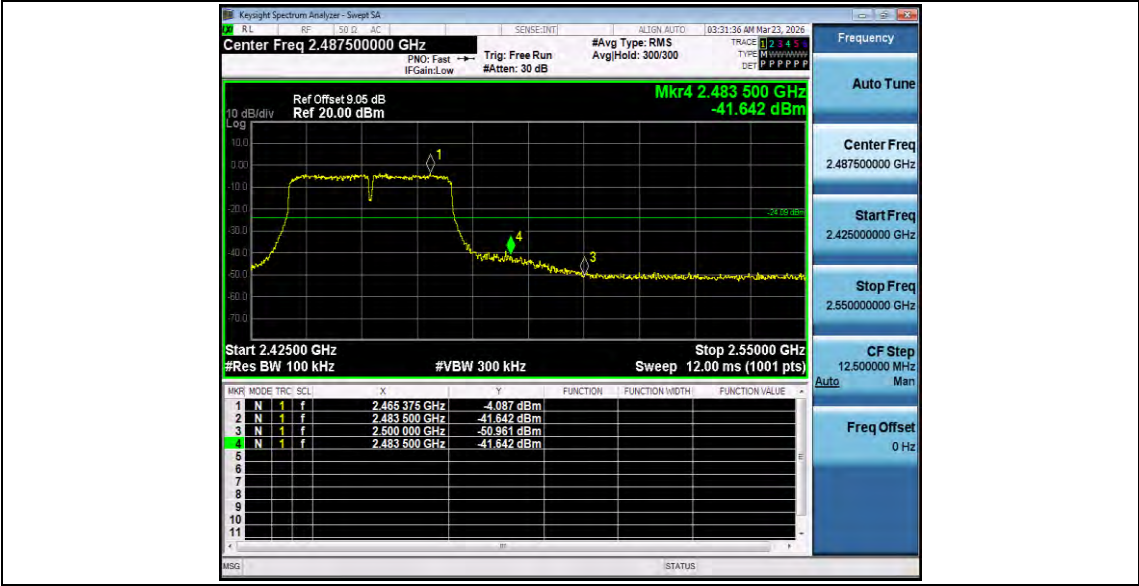
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412





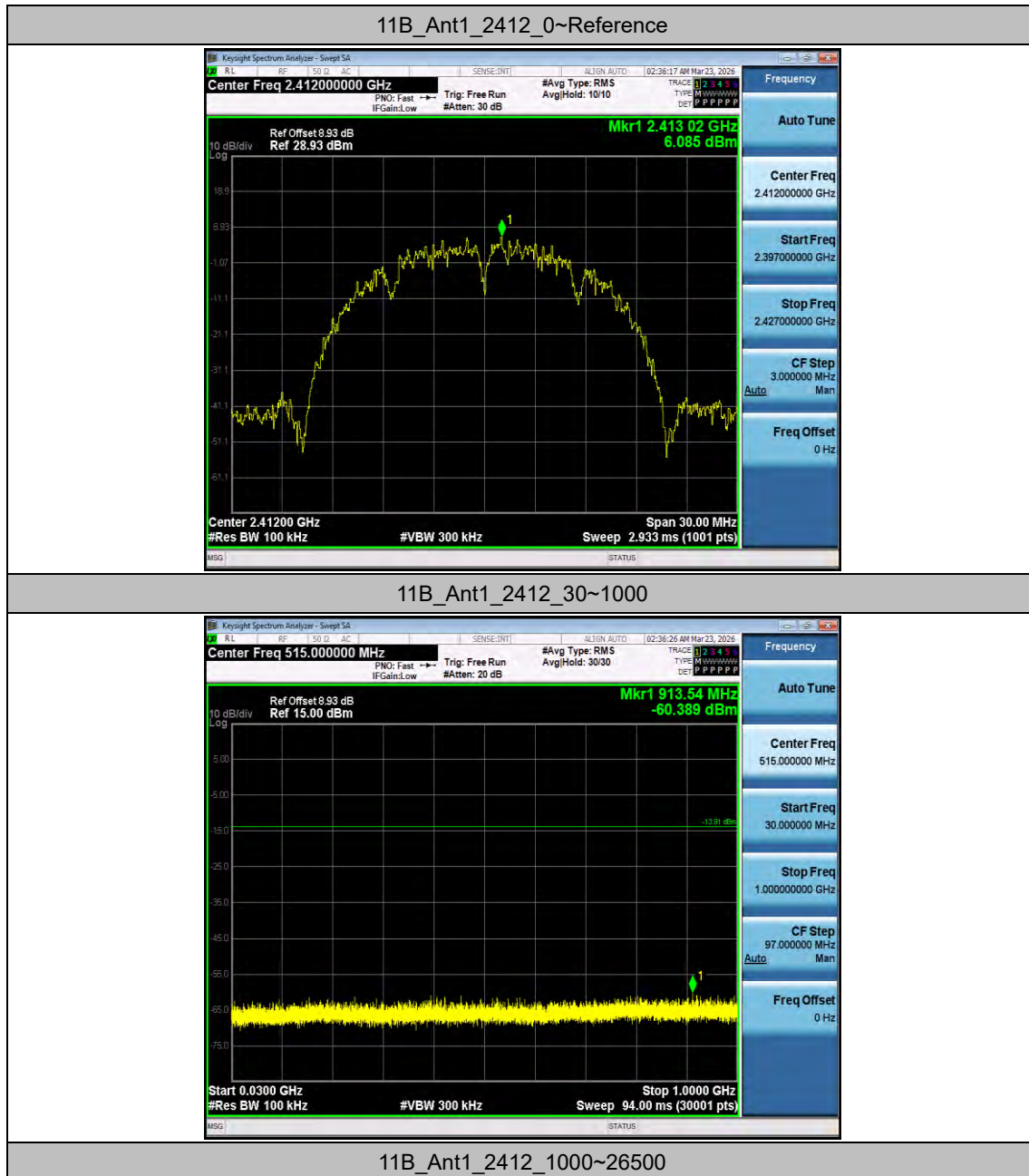


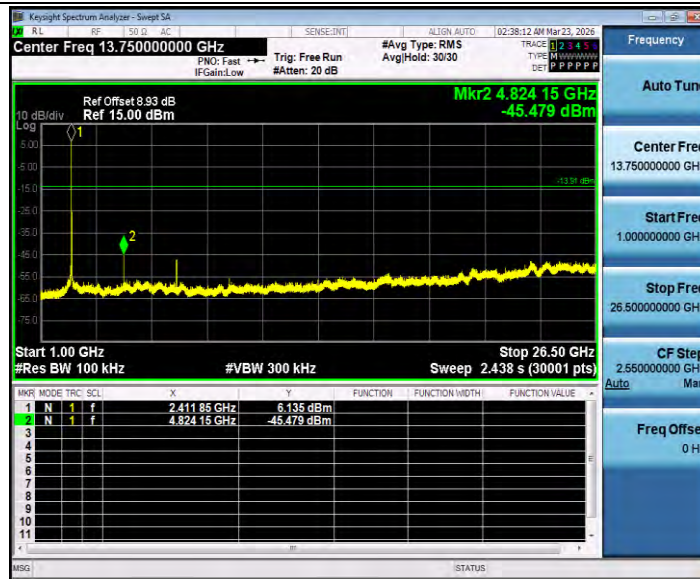
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.09	6.09	---	PASS
			30~1000	6.09	-60.39	≤ -13.91	PASS
			1000~26500	6.09	-45.48	≤ -13.91	PASS
		2437	Reference	6.75	6.75	---	PASS
			30~1000	6.75	-60.45	≤ -13.25	PASS
			1000~26500	6.75	-42.82	≤ -13.25	PASS
		2462	Reference	7.06	7.06	---	PASS
			30~1000	7.06	-60.71	≤ -12.94	PASS
			1000~26500	7.06	-44.81	≤ -12.94	PASS
11G	Ant1	2412	Reference	-2.39	-2.39	---	PASS
			30~1000	-2.39	-60.56	≤ -22.39	PASS
			1000~26500	-2.39	-48.11	≤ -22.39	PASS
		2437	Reference	-1.57	-1.57	---	PASS
			30~1000	-1.57	-60	≤ -21.57	PASS
			1000~26500	-1.57	-47.84	≤ -21.57	PASS
		2462	Reference	-1.78	-1.78	---	PASS
			30~1000	-1.78	-60.35	≤ -21.78	PASS
			1000~26500	-1.78	-46.75	≤ -21.78	PASS
11N20SISO	Ant1	2412	Reference	-1.98	-1.98	---	PASS
			30~1000	-1.98	-59.91	≤ -21.98	PASS
			1000~26500	-1.98	-47.37	≤ -21.98	PASS
		2437	Reference	-2.27	-2.27	---	PASS
			30~1000	-2.27	-60	≤ -22.27	PASS
			1000~26500	-2.27	-47.74	≤ -22.27	PASS
		2462	Reference	-1.86	-1.86	---	PASS
			30~1000	-1.86	-60.42	≤ -21.86	PASS
			1000~26500	-1.86	-46.87	≤ -21.86	PASS
11N40SISO	Ant1	2422	Reference	-4.80	-4.80	---	PASS
			30~1000	-4.80	-59.9	≤ -24.8	PASS
			1000~26500	-4.80	-47.65	≤ -24.8	PASS
		2437	Reference	-5.08	-5.08	---	PASS
			30~1000	-5.08	-60.8	≤ -25.08	PASS
			1000~26500	-5.08	-47.76	≤ -25.08	PASS
		2452	Reference	-4.22	-4.22	---	PASS
			30~1000	-4.22	-60.88	≤ -24.22	PASS
			1000~26500	-4.22	-47.54	≤ -24.22	PASS

Test Graphs

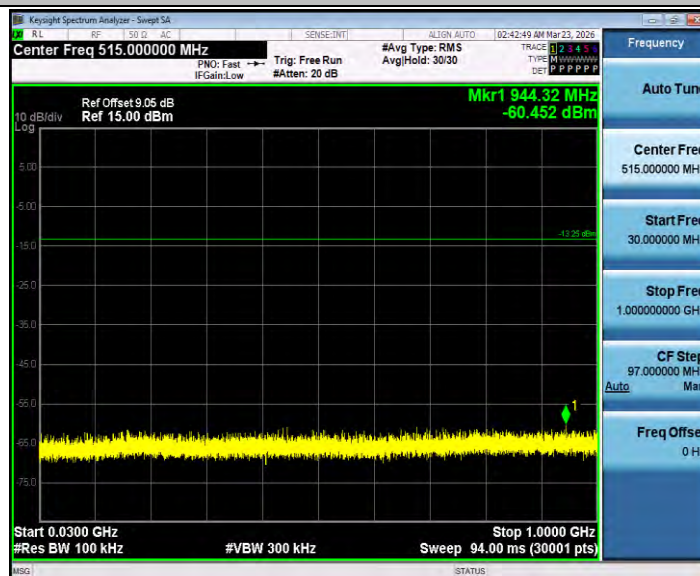


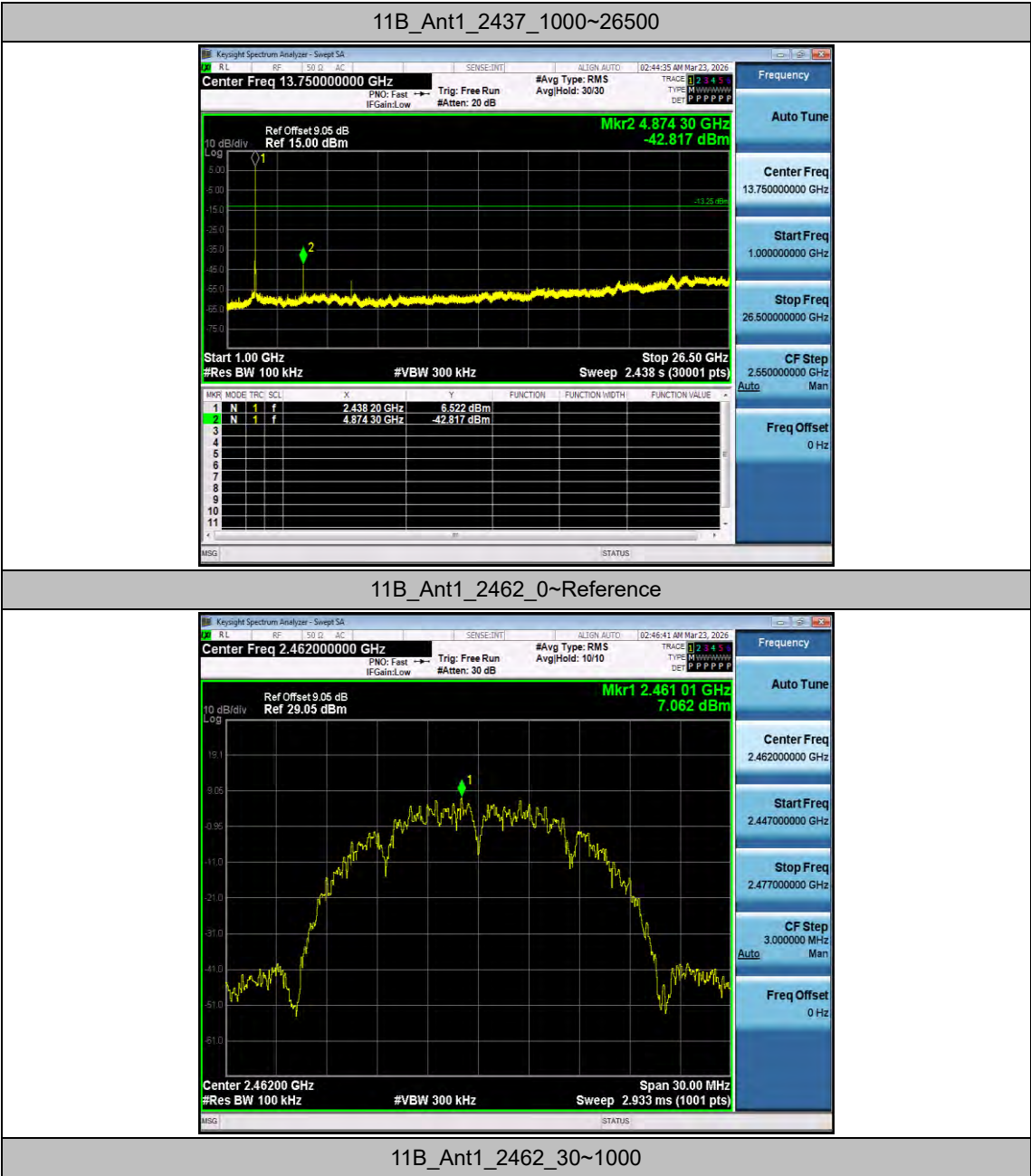


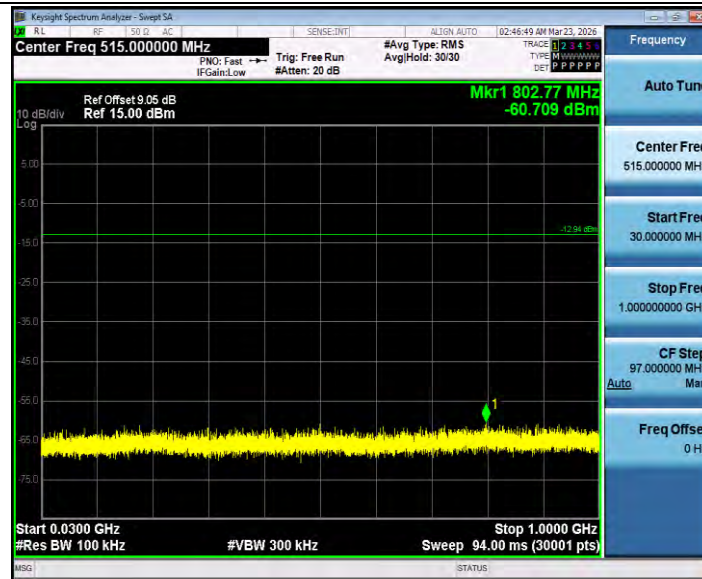
11B_Ant1_2437_0~Reference



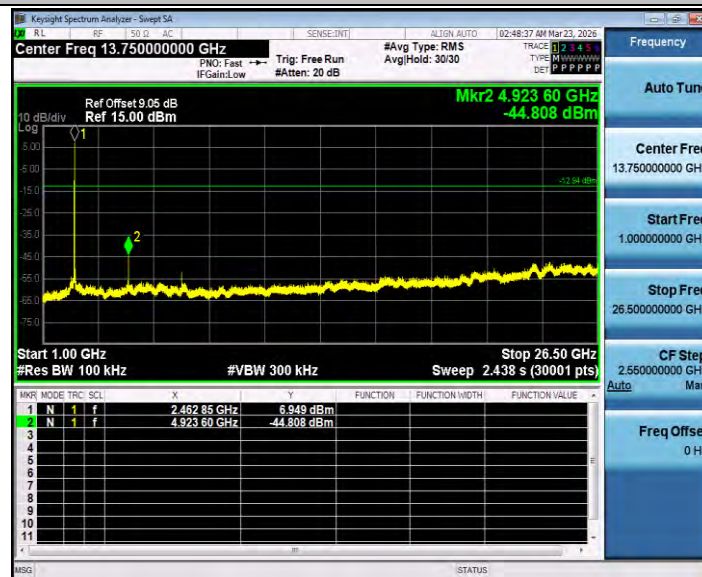
11B_Ant1_2437_30~1000



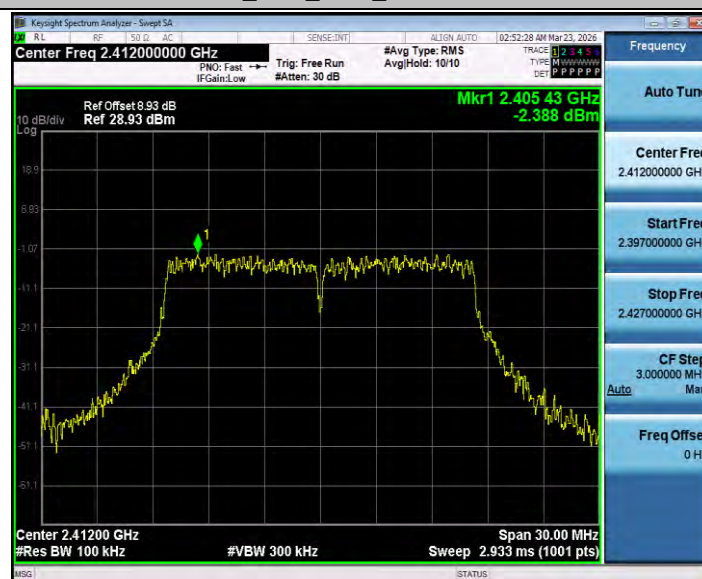


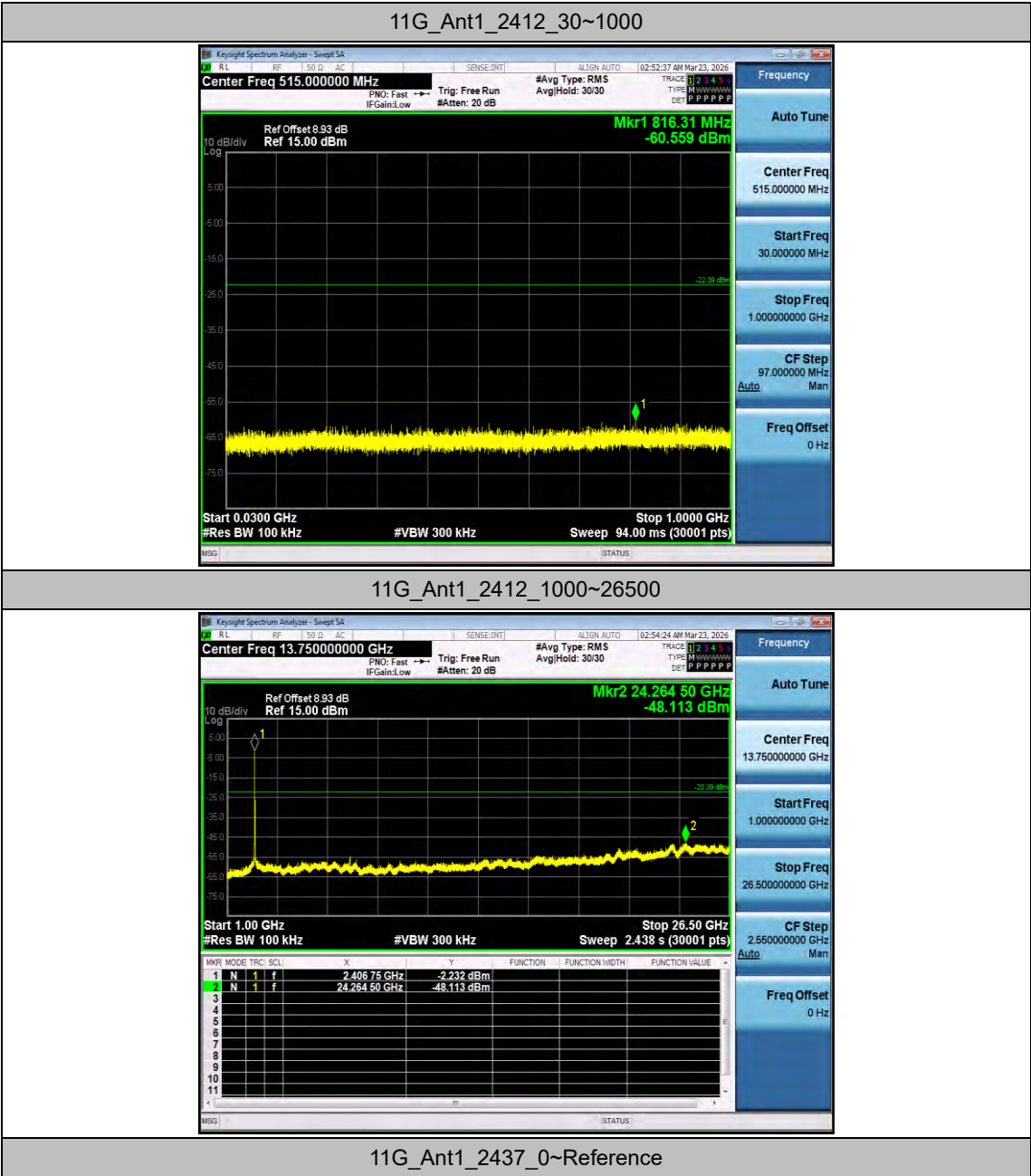


11B_Ant1_2462_1000~26500



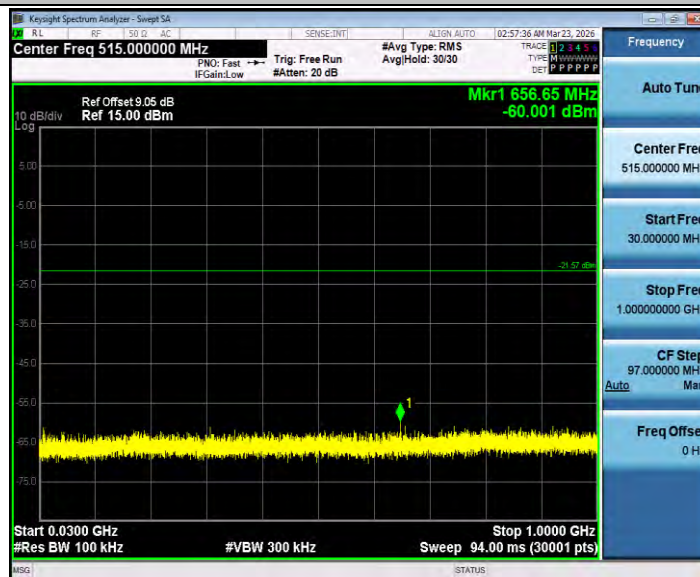
11G_Ant1_2412_0~Reference







11G_Ant1_2437_30~1000



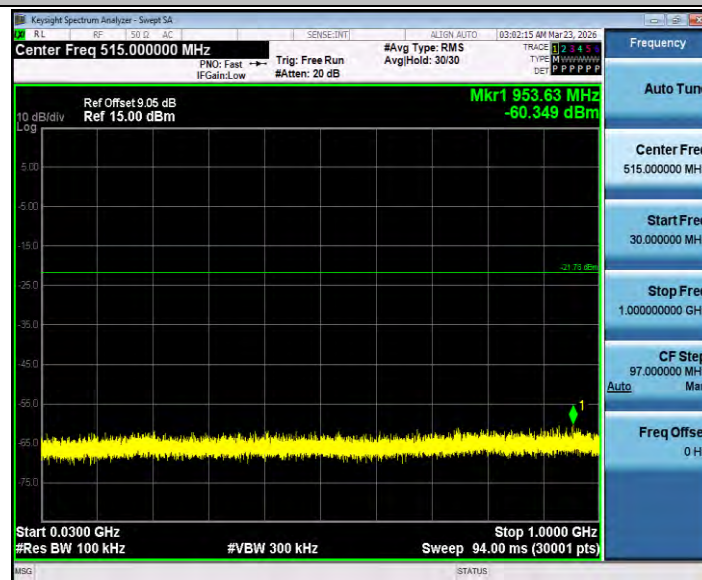
11G_Ant1_2437_1000~26500



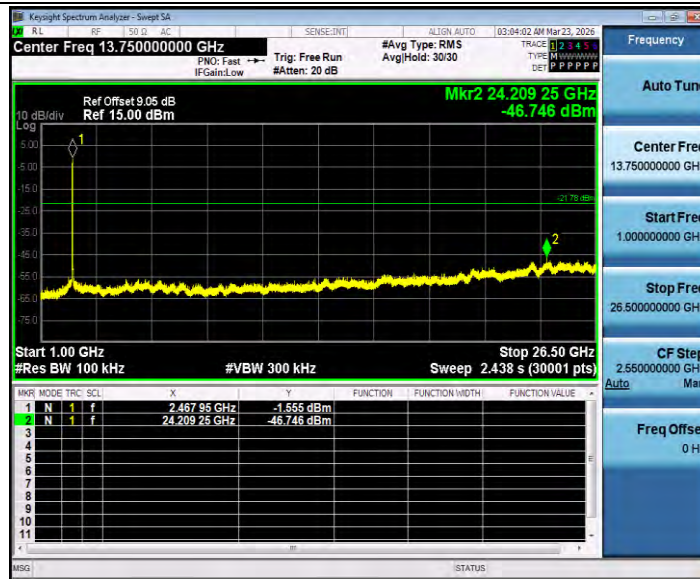
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



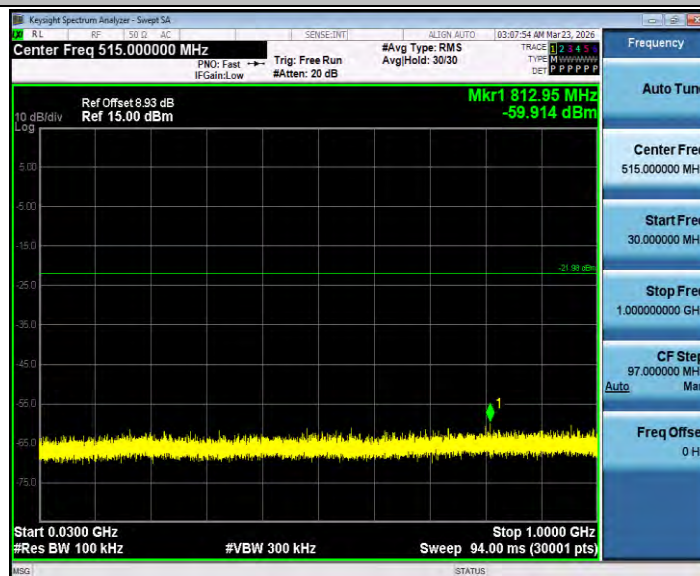
11G_Ant1_2462_1000~26500



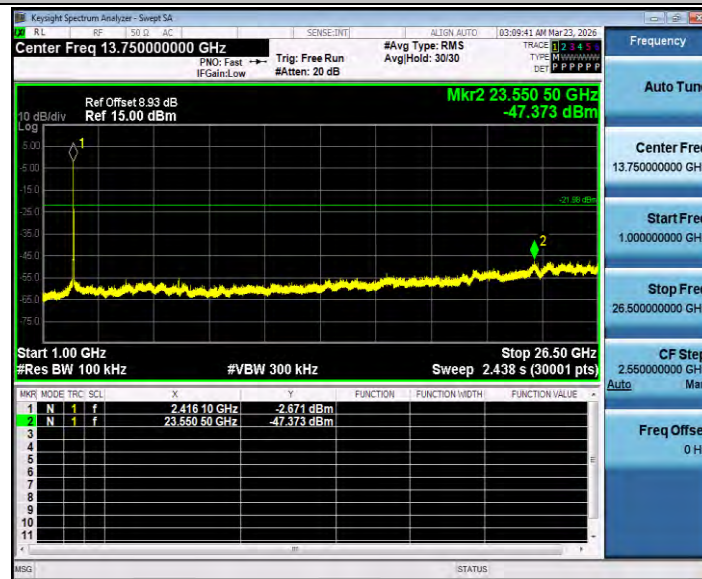
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



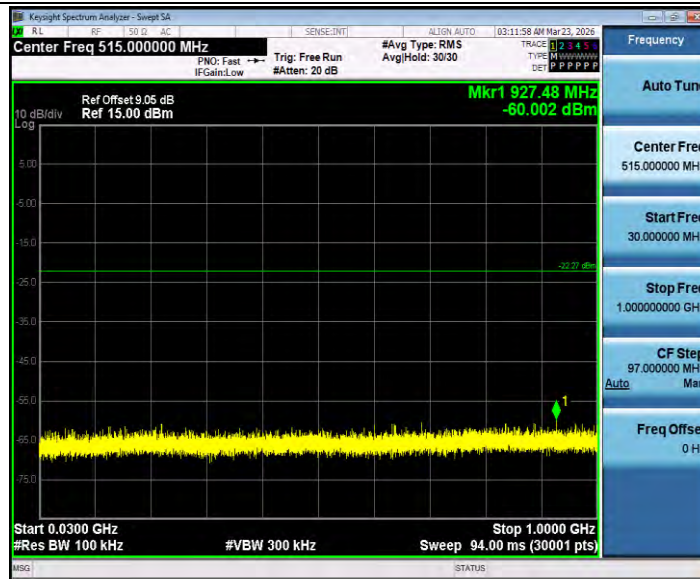
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

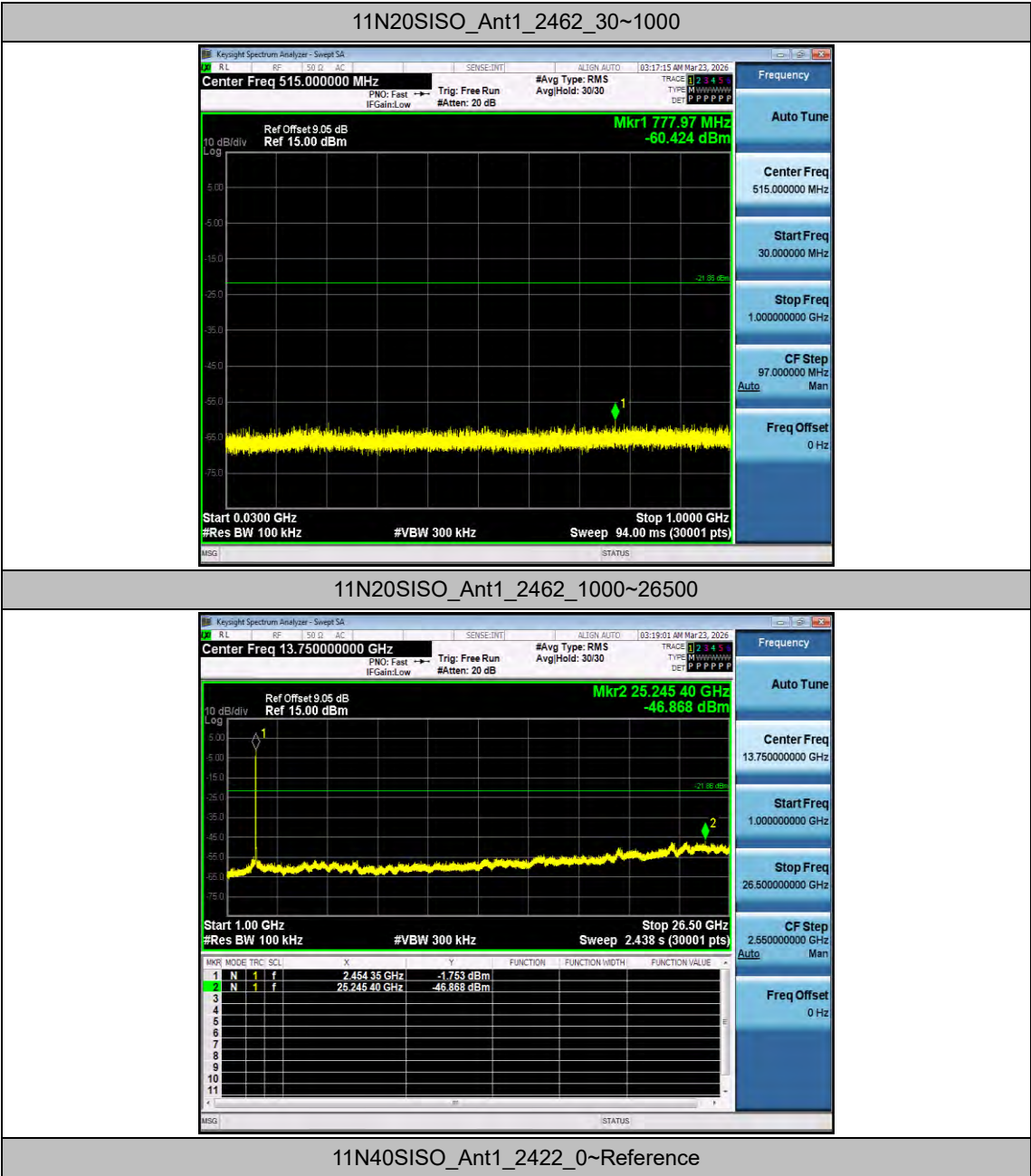


11N20SISO_Ant1_2437_1000~26500



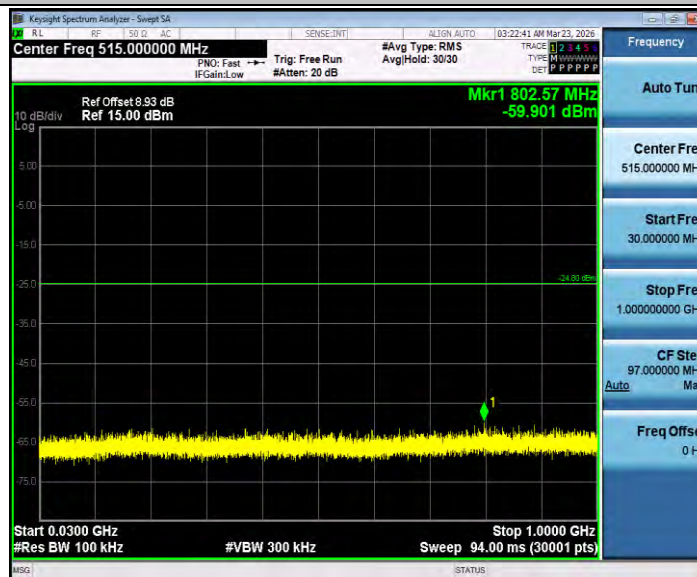
11N20SISO_Ant1_2462_0~Reference







11N40SISO_Ant1_2422_30~1000



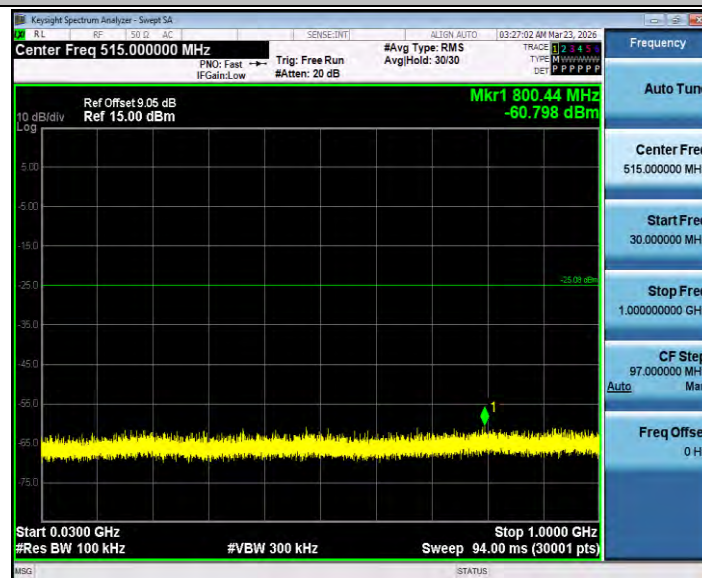
11N40SISO_Ant1_2422_1000~26500



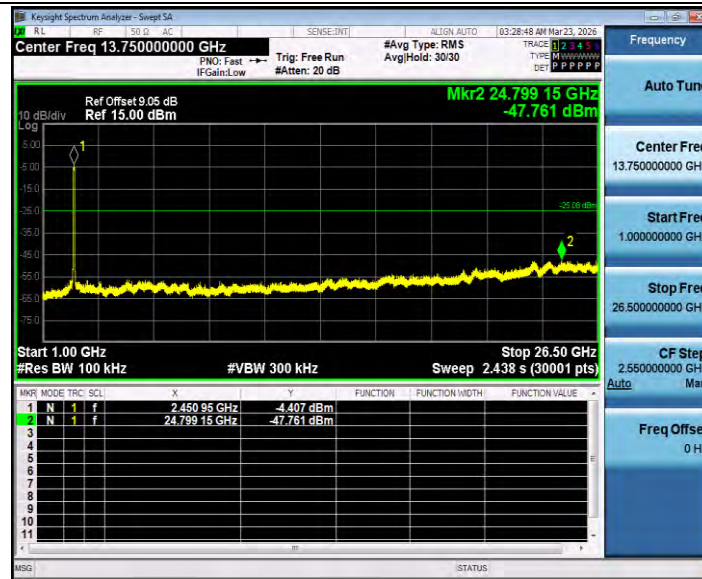
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



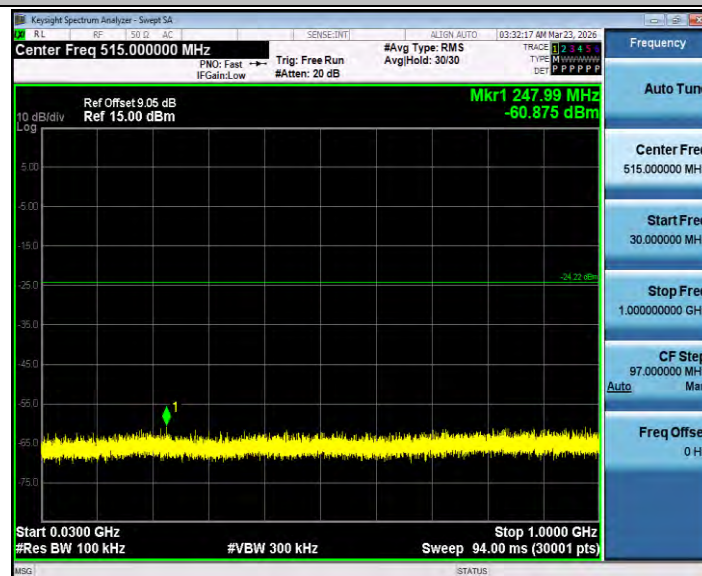
11N40SISO_Ant1_2437_1000~26500

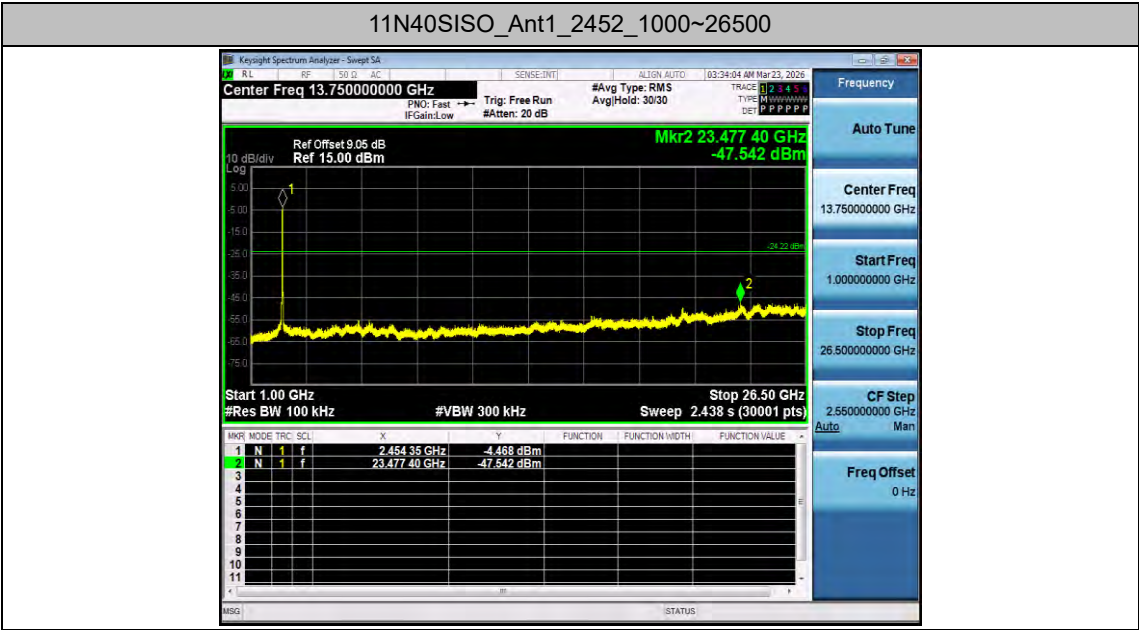


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



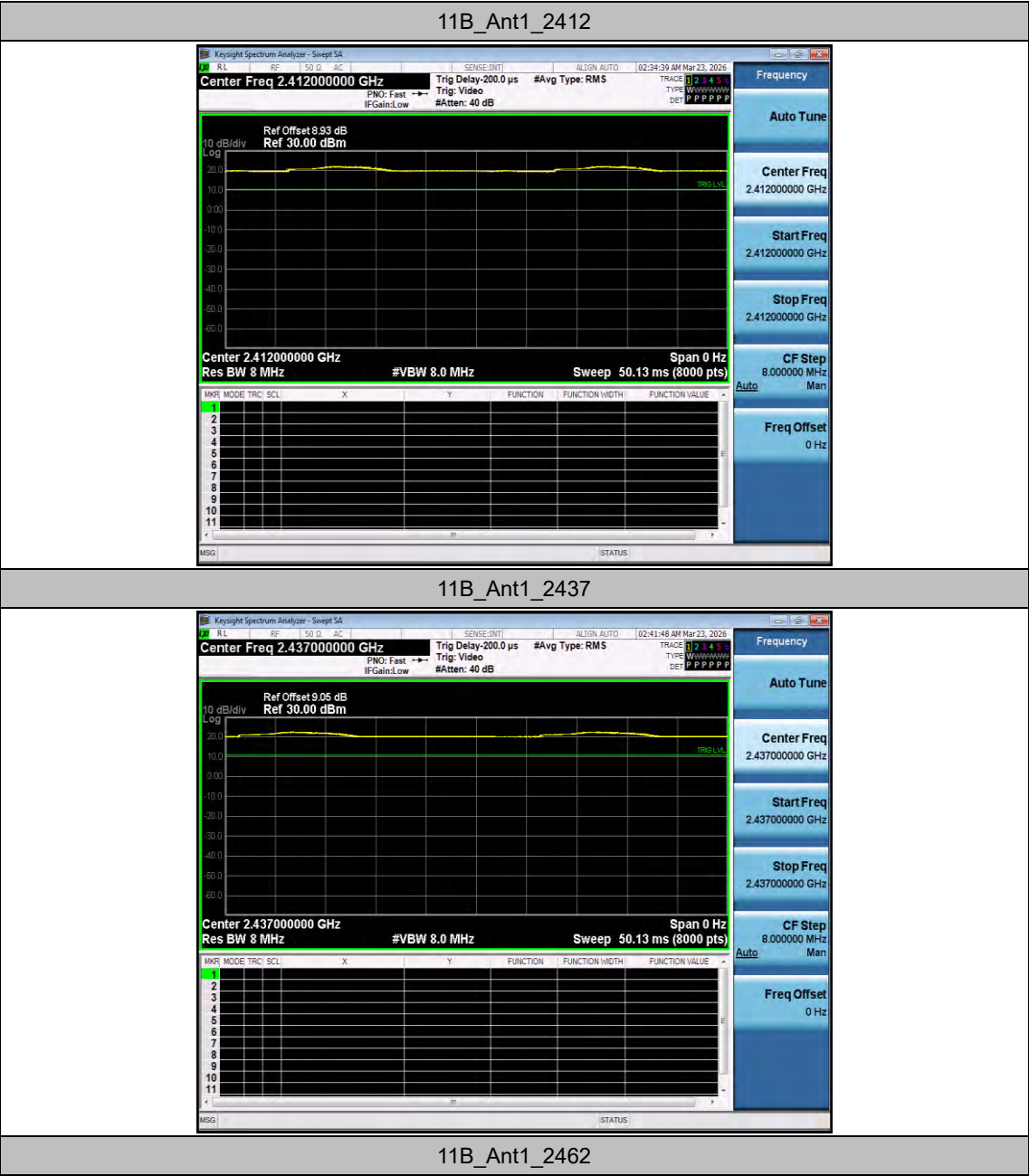


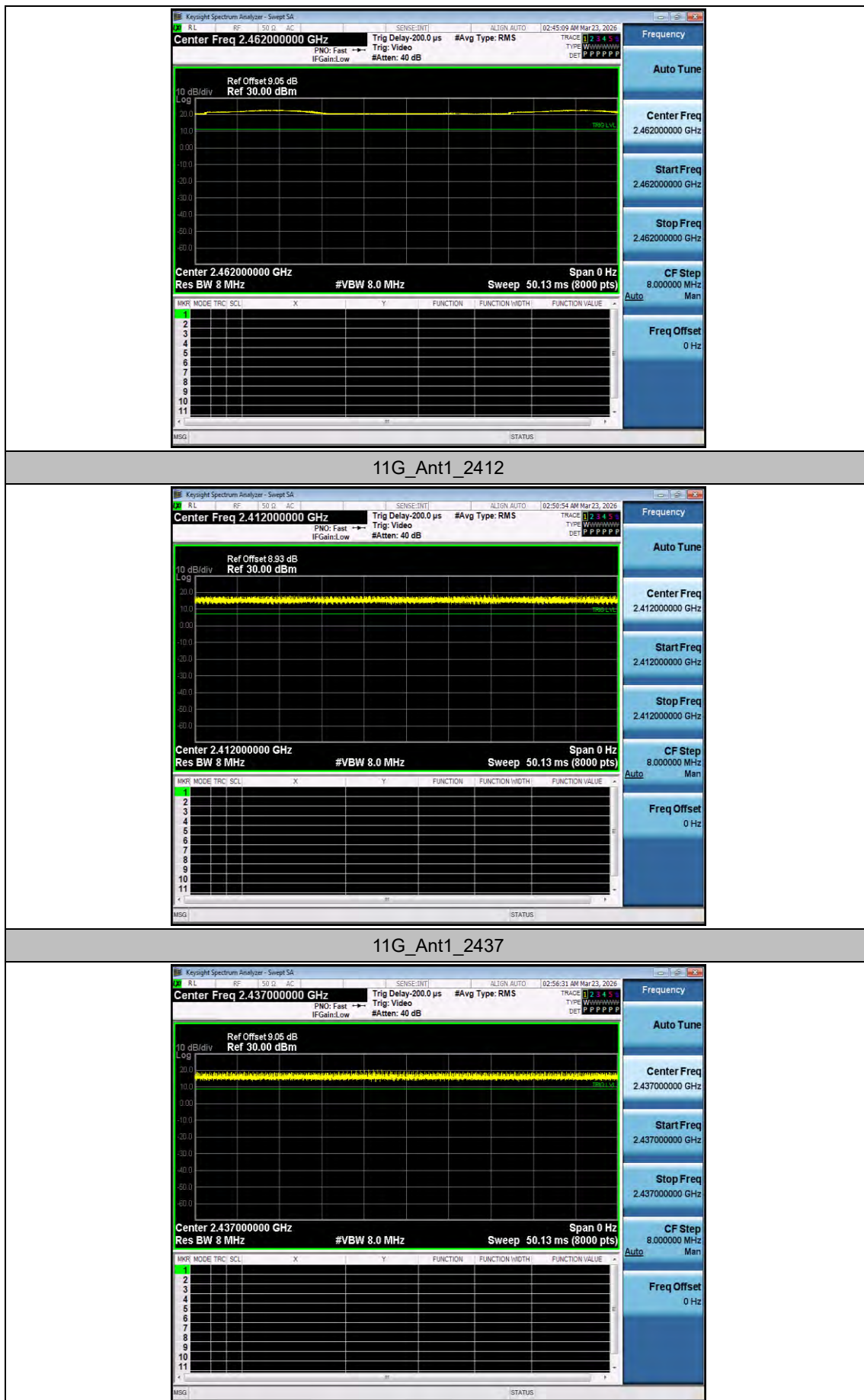
Appendix C.7: Duty Cycle

Test Result

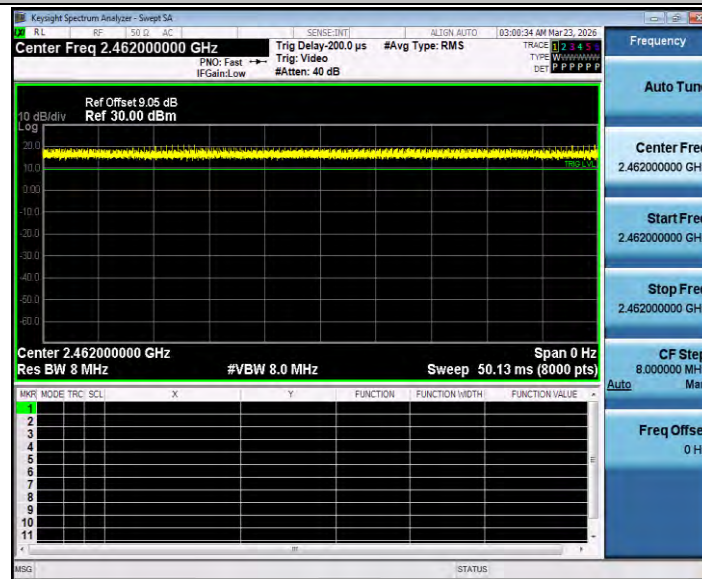
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437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

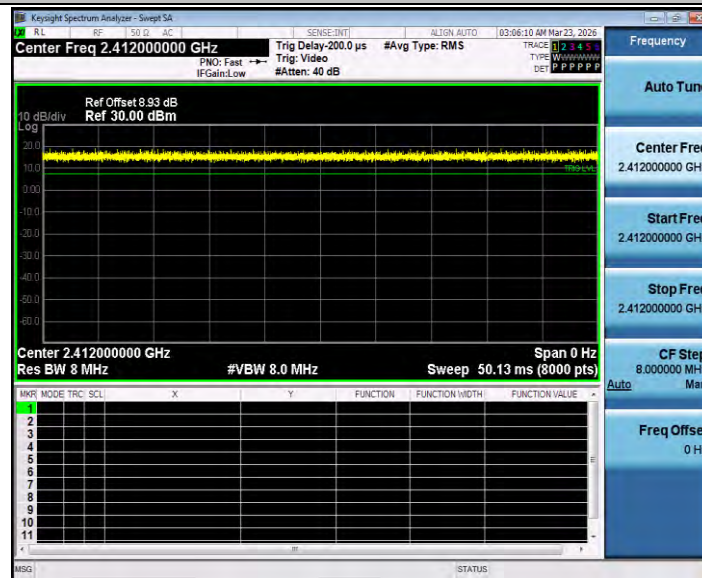




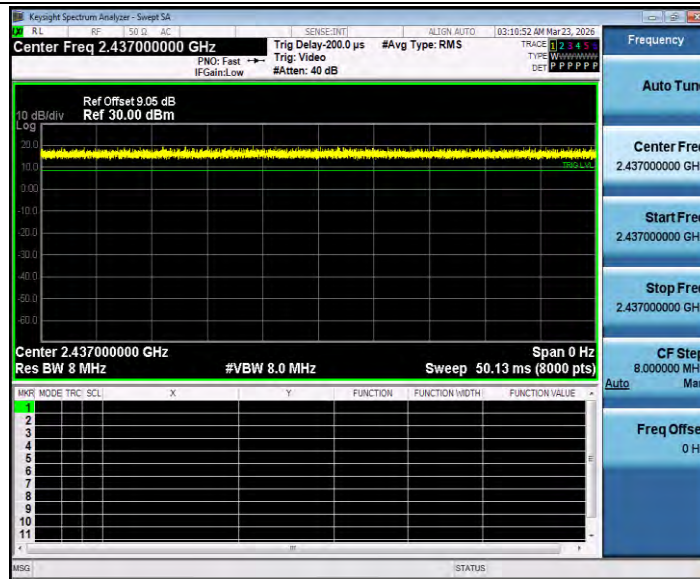
11G_Ant1_2462



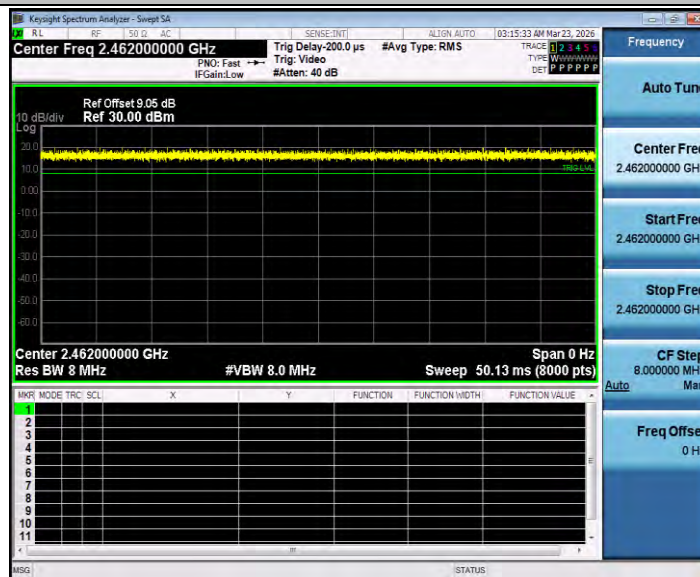
11N20SISO_Ant1_2412



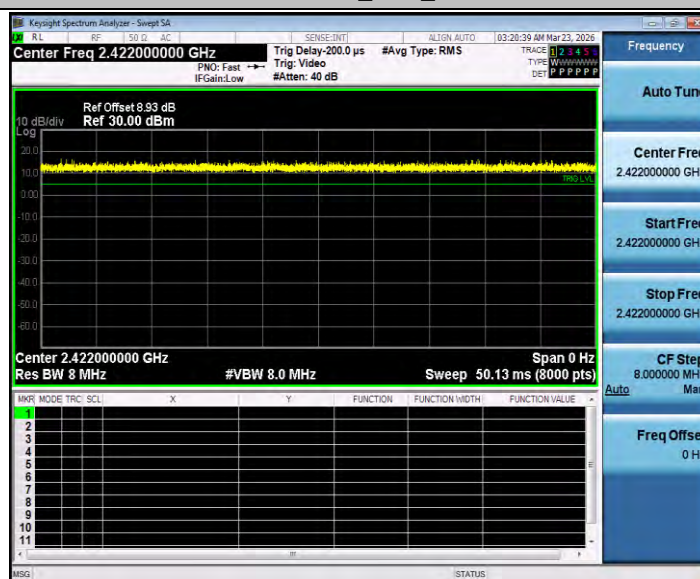
11N20SISO_Ant1_2437



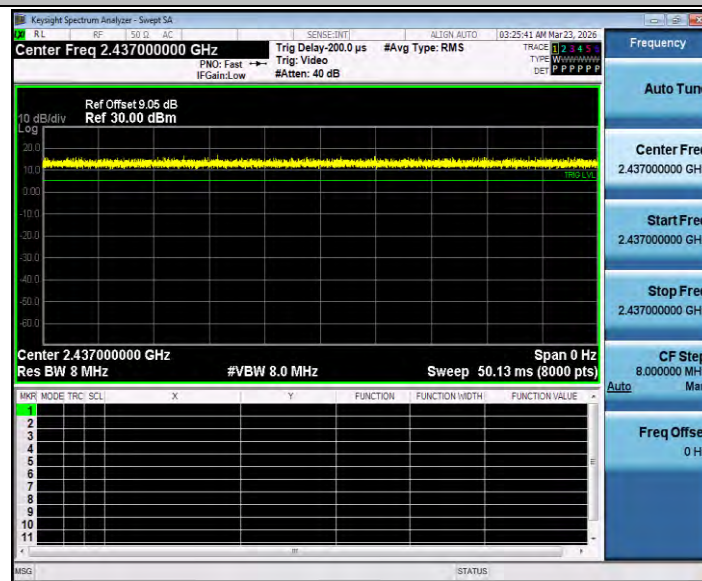
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

