

Case No. : <u>GTS20250918006-1-03</u>
Ambient Condition: <u>23℃,49%RH,</u>
Test Date: <u>2026.1.29-2026.3.3</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	8.160	2407.760	2415.920	0.5	PASS
		2437	8.200	2432.720	2440.920	0.5	PASS
		2462	8.160	2457.720	2465.880	0.5	PASS
11G	Ant1	2412	16.080	2403.920	2420.000	0.5	PASS
		2437	16.200	2428.800	2445.000	0.5	PASS
		2462	16.160	2453.840	2470.000	0.5	PASS
11N20SISO	Ant1	2412	17.440	2403.120	2420.560	0.5	PASS
		2437	17.520	2428.080	2445.600	0.5	PASS
		2462	17.360	2453.160	2470.520	0.5	PASS
11AX20SISO	Ant1	2412	17.000	2404.160	2421.160	0.5	PASS
		2437	17.640	2428.360	2446.000	0.5	PASS
		2462	17.720	2453.080	2470.800	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



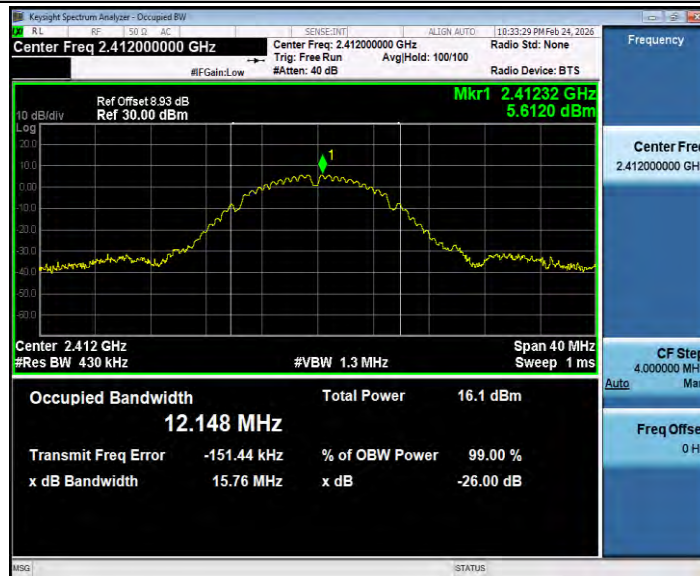
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.148	2405.7746	2417.9226	---	---
		2437	12.234	2430.7214	2442.9554	---	---
		2462	12.148	2455.7552	2467.9032	---	---
11G	Ant1	2412	17.246	2403.3726	2420.6186	---	---
		2437	17.285	2428.2068	2445.4918	---	---
		2462	17.341	2453.1357	2470.4767	---	---
11N20SISO	Ant1	2412	18.351	2402.7111	2421.0621	---	---
		2437	18.379	2427.6344	2446.0134	---	---
		2462	18.292	2452.6737	2470.9657	---	---
11AX20SISO	Ant1	2412	18.971	2402.3707	2421.3417	---	---
		2437	19.049	2427.3095	2446.3585	---	---
		2462	18.995	2452.3455	2471.3405	---	---

Test Graphs

11B_Ant1_2412



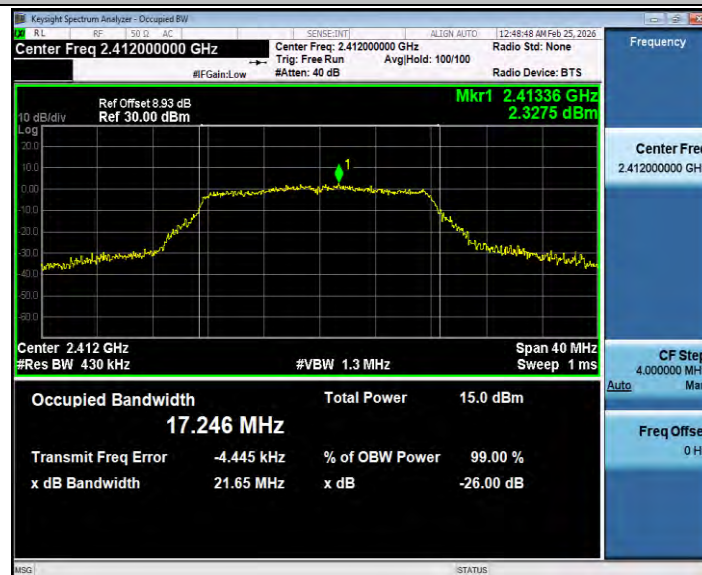
11B_Ant1_2437



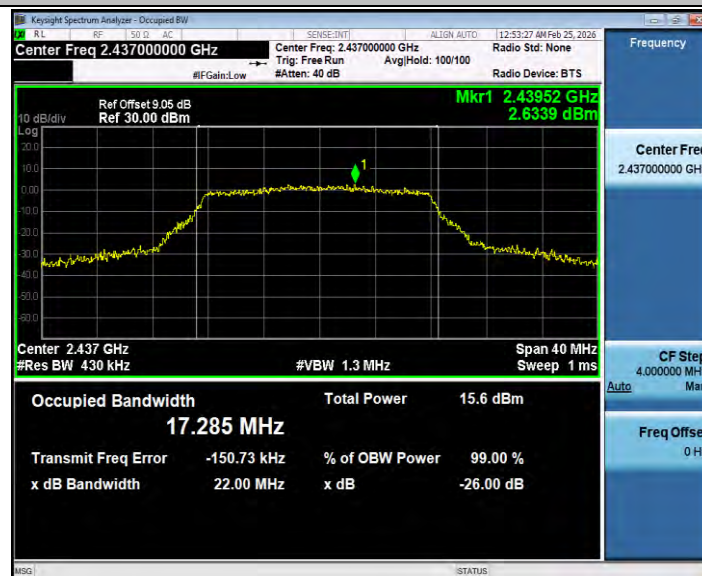
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



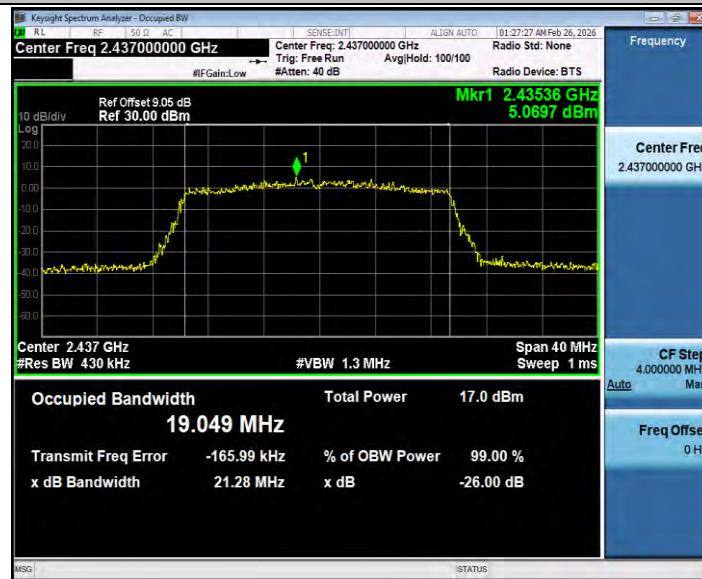
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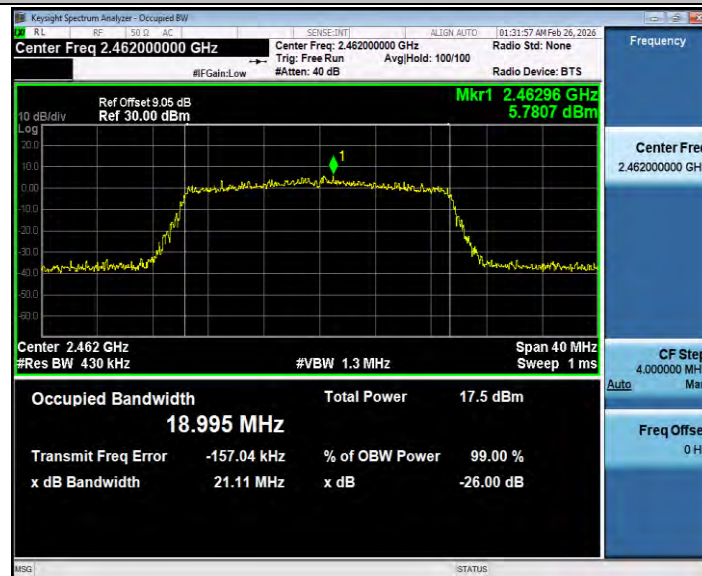
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix C.3: Maximum conducted output power

Test Result -CHP

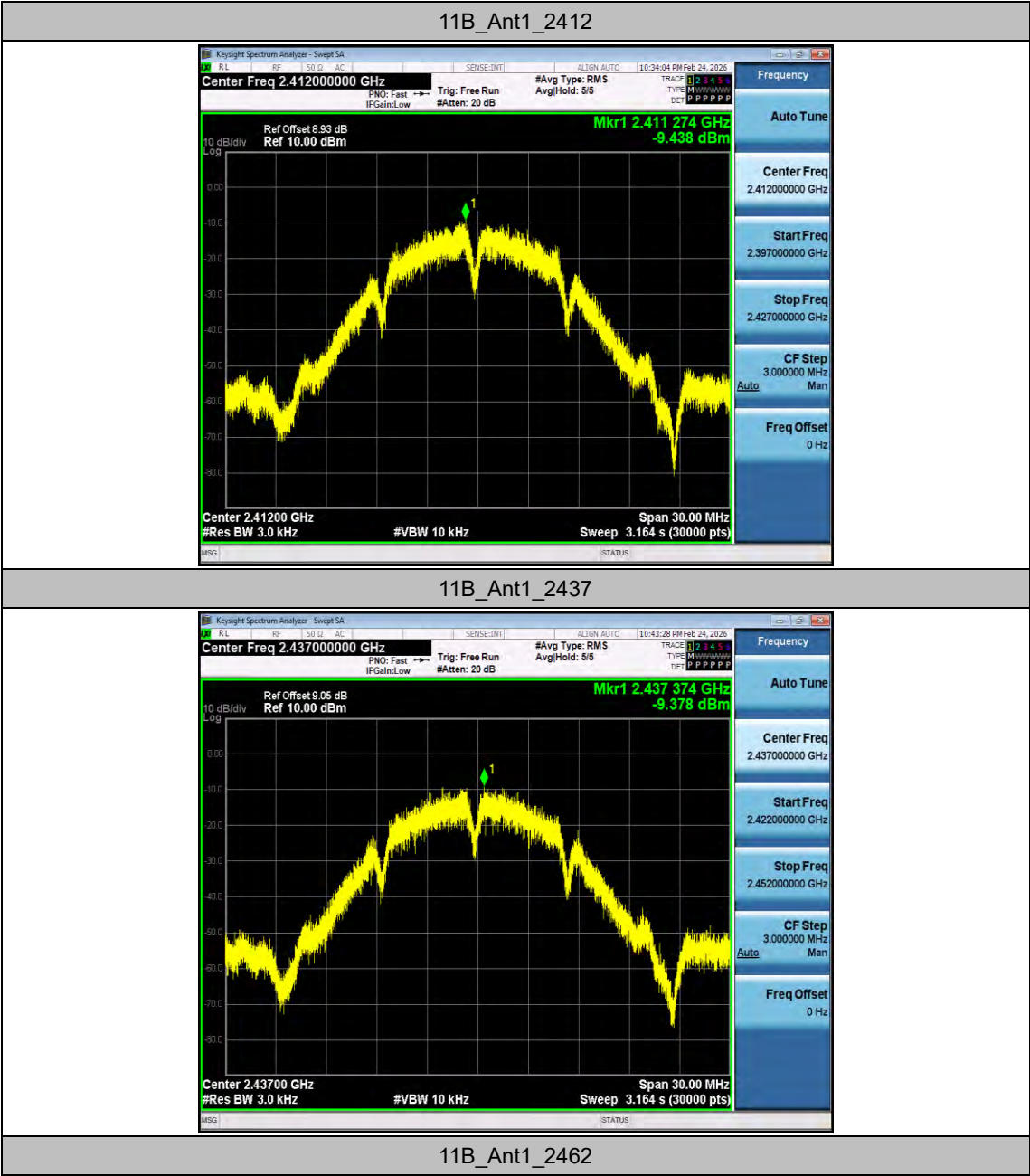
Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.12	≤30.00	PASS
		2437	16.65	≤30.00	PASS
		2462	17.21	≤30.00	PASS
11G	Ant1	2412	16.16	≤30.00	PASS
		2437	16.67	≤30.00	PASS
		2462	17.22	≤30.00	PASS
11N20SISO	Ant1	2412	16.24	≤30.00	PASS
		2437	16.49	≤30.00	PASS
		2462	17.29	≤30.00	PASS
11AX20SISO	Ant1	2412	17.39	≤30.00	PASS
		2437	17.69	≤30.00	PASS
		2462	18.28	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

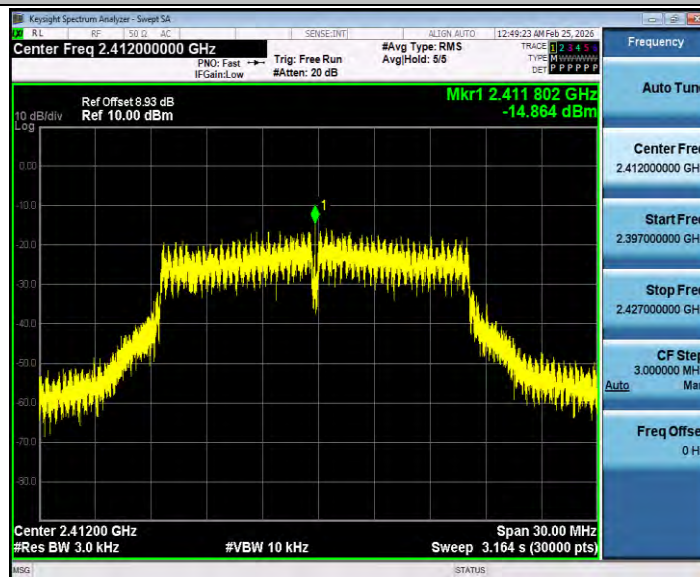
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.44	≤8.00	PASS
		2437	-9.38	≤8.00	PASS
		2462	-7.98	≤8.00	PASS
11G	Ant1	2412	-14.86	≤8.00	PASS
		2437	-13.76	≤8.00	PASS
		2462	-13.59	≤8.00	PASS
11N20SISO	Ant1	2412	-15.33	≤8.00	PASS
		2437	-14.55	≤8.00	PASS
		2462	-14.11	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.81	≤8.00	PASS
		2437	-14.45	≤8.00	PASS
		2462	-14.76	≤8.00	PASS

Test Graphs

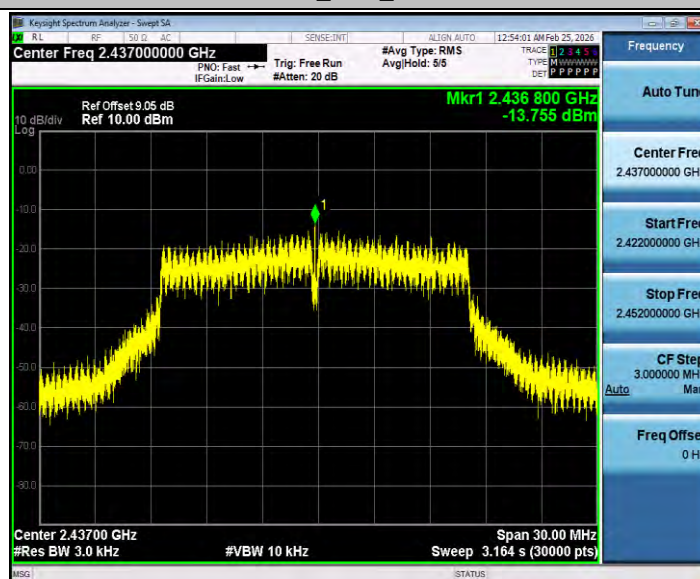




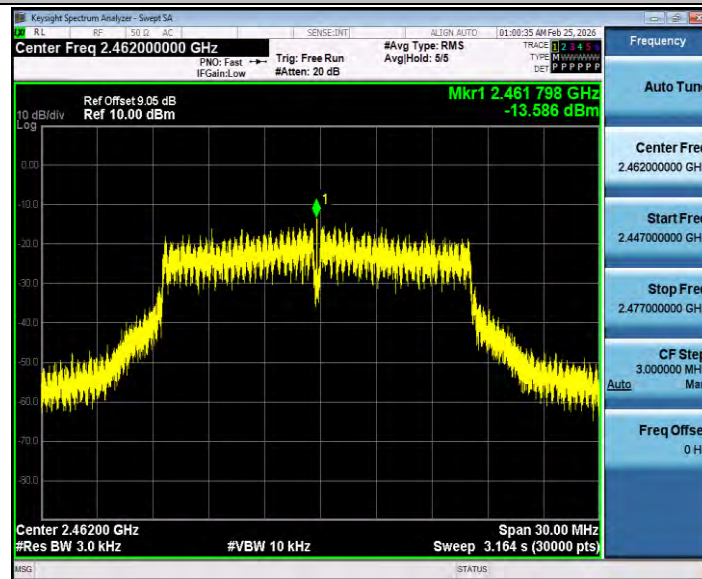
11G_Ant1_2412



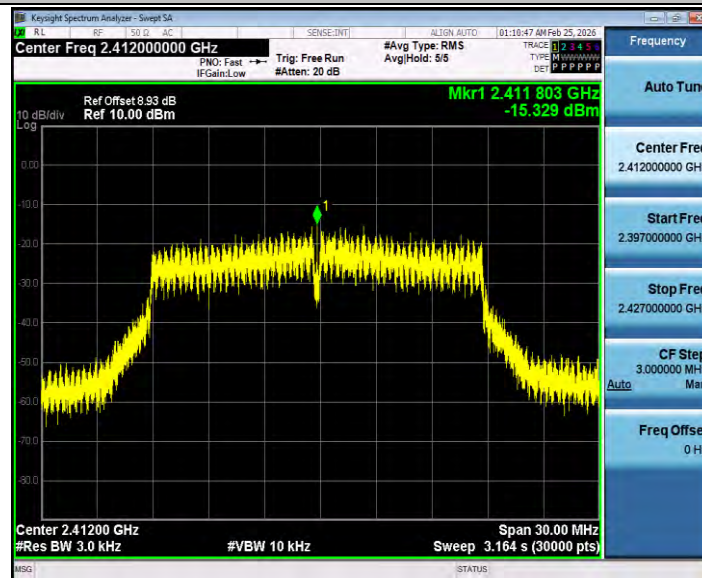
11G_Ant1_2437



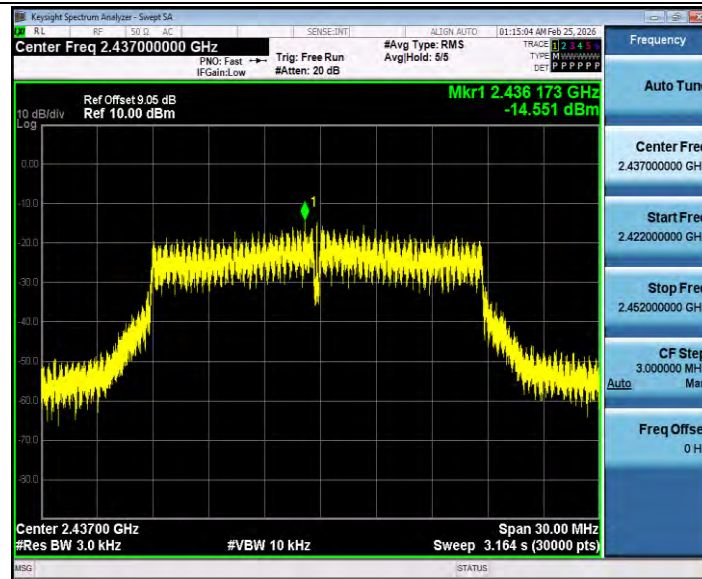
11G_Ant1_2462



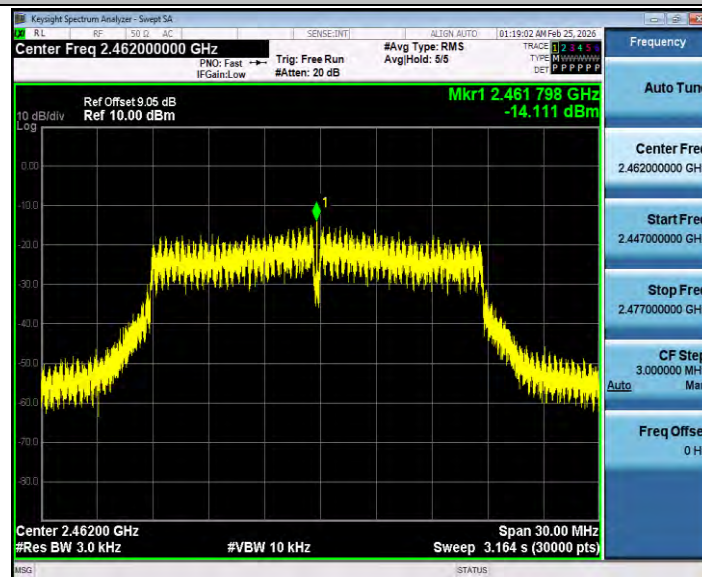
11N20SISO_Ant1_2412



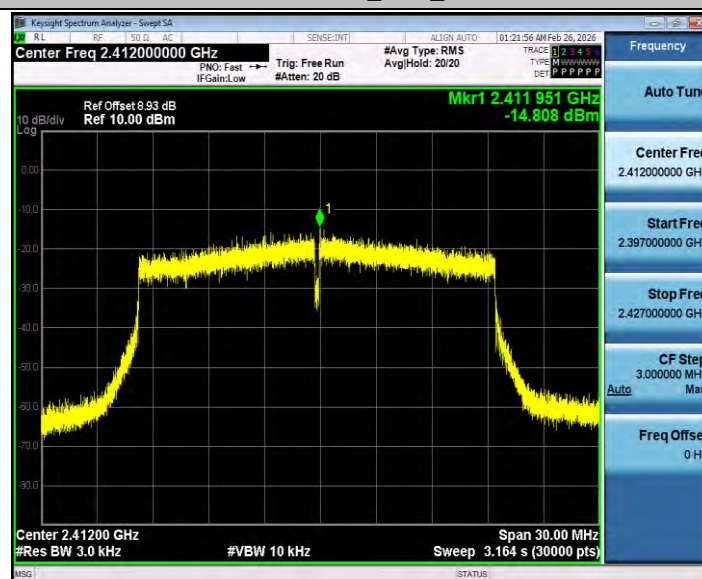
11N20SISO_Ant1_2437



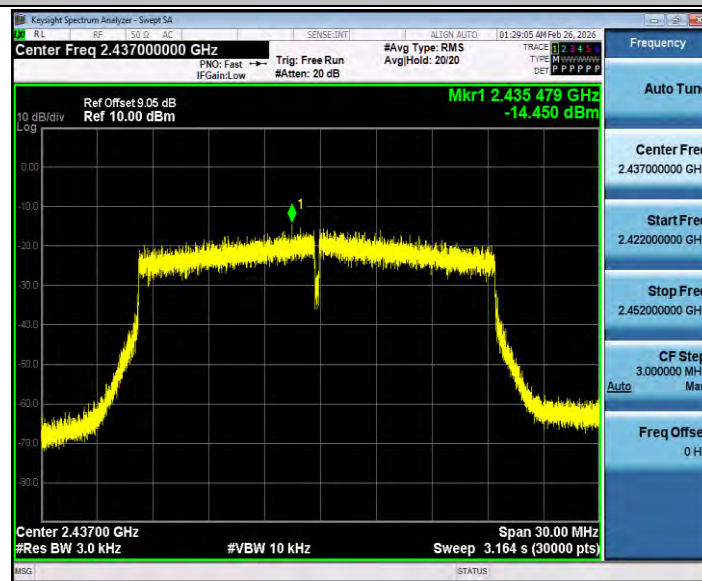
11N20SISO_Ant1_2462



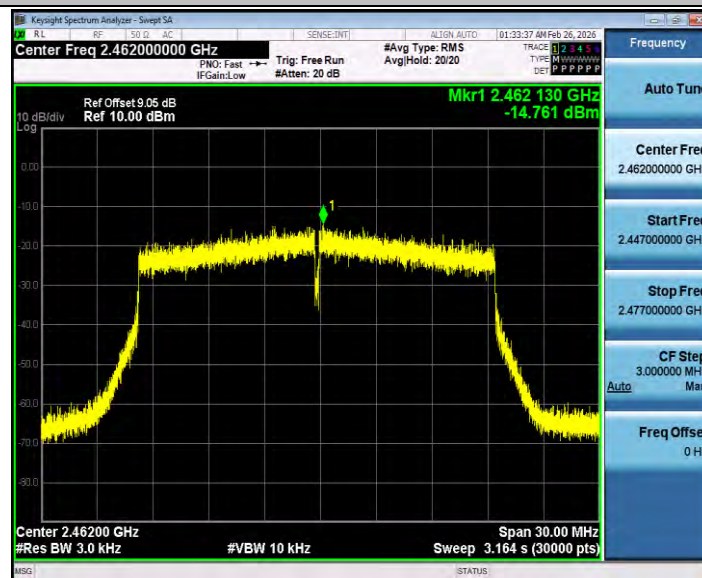
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix C.5:Band edge measurements

Test Result

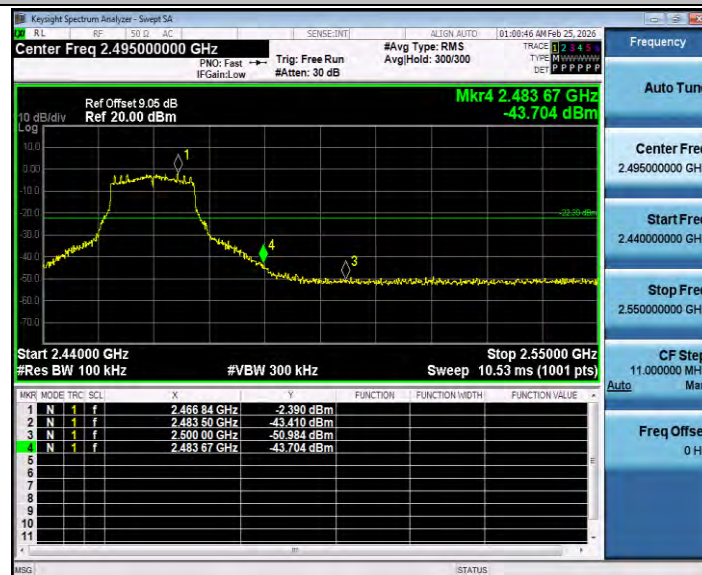
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.42	-36.14	≤-14.58	PASS
		High	2462	6.53	-46.1	≤-13.47	PASS
11G	Ant1	Low	2412	-2.69	-33.6	≤-22.69	PASS
		High	2462	-2.39	-43.7	≤-22.39	PASS
11N20SISO	Ant1	Low	2412	-2.58	-32.18	≤-22.58	PASS
		High	2462	-1.46	-41.08	≤-21.46	PASS
11AX20SISO	Ant1	Low	2412	-2.29	-40.07	≤-22.29	PASS
		High	2462	-1.41	-48.73	≤-21.41	PASS

Test Graphs

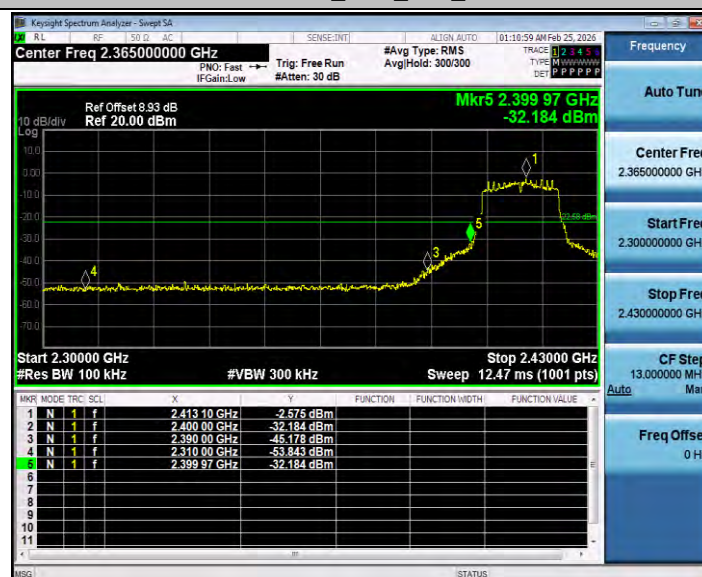




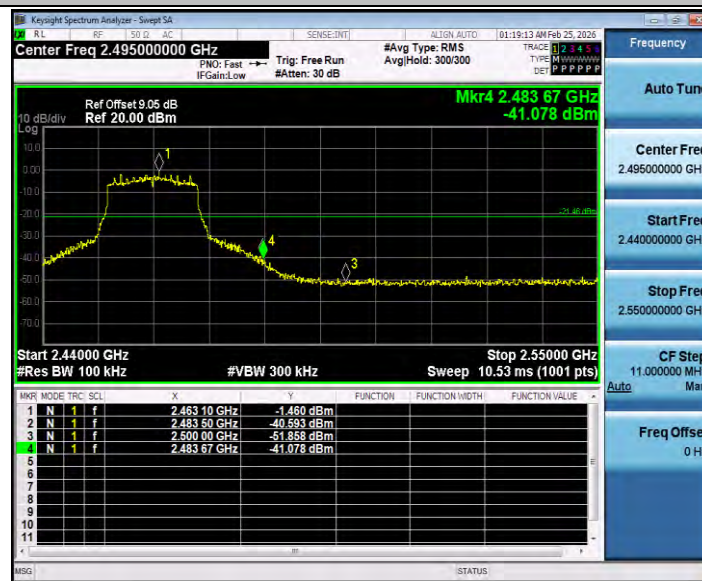
11G_Ant1_High_2462



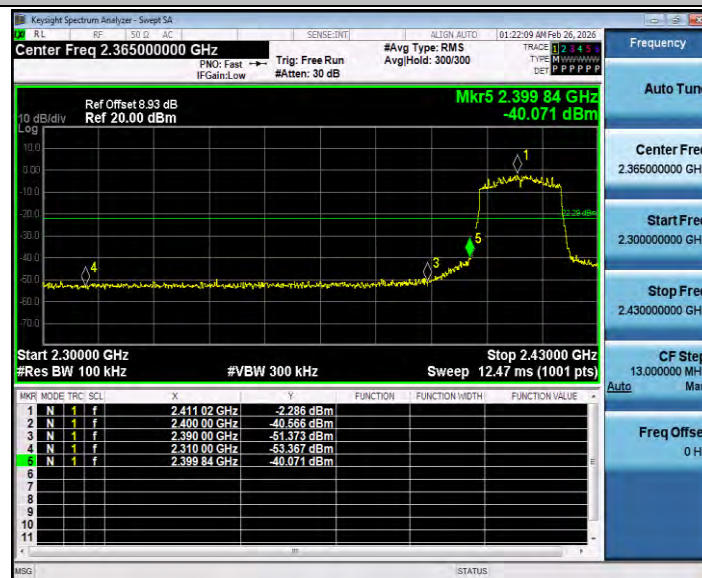
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11AX20SISO_Ant1_Low_2412



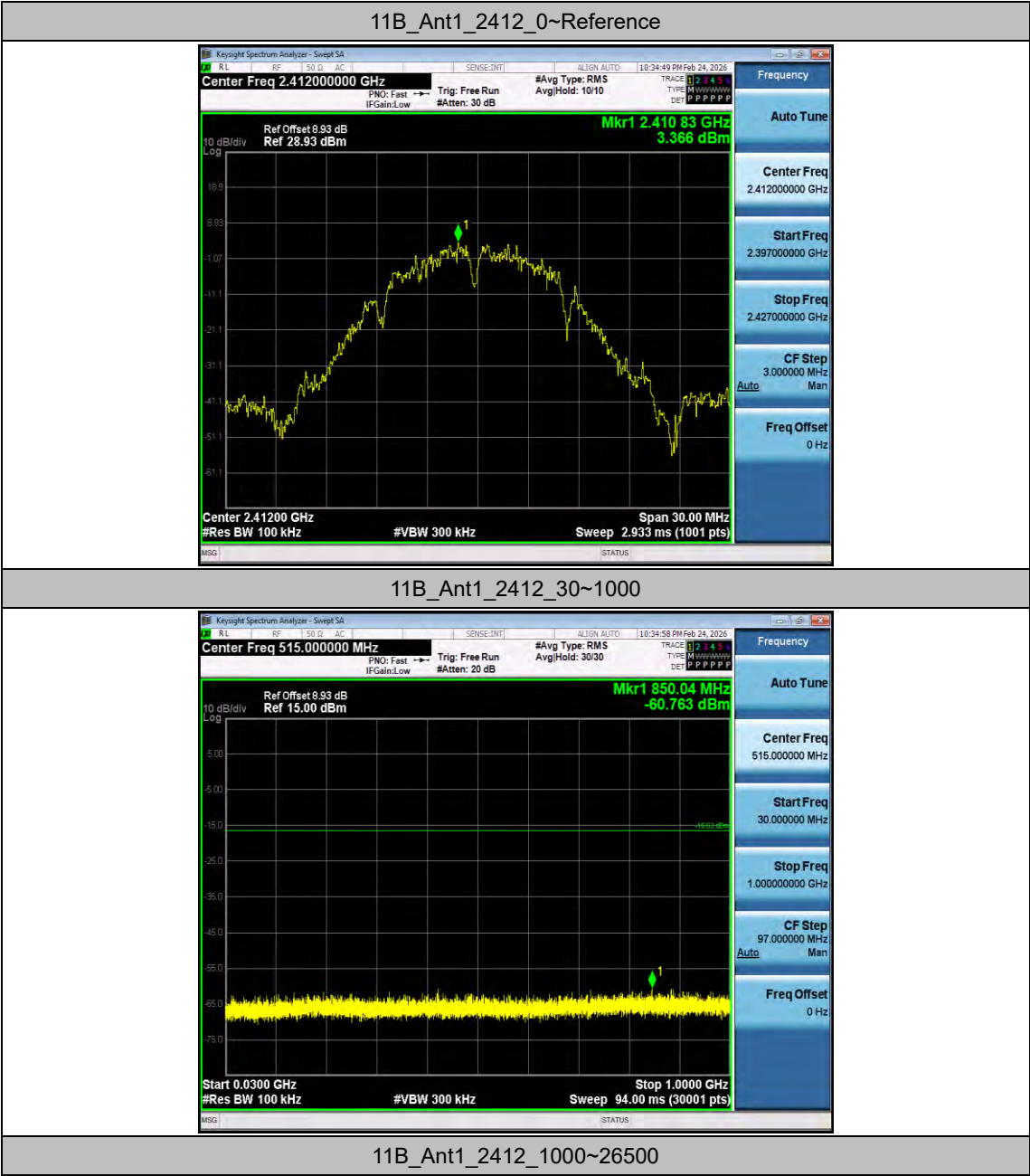
11AX20SISO_Ant1_High_2462

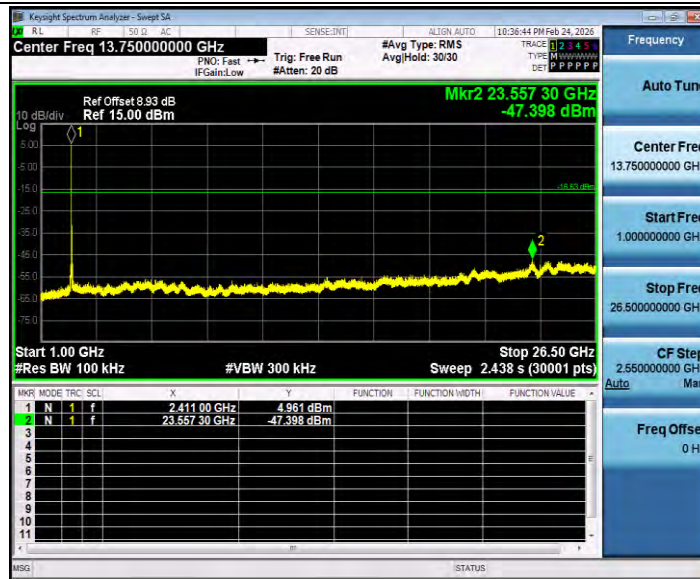
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.37	3.37	---	PASS
			30~1000	3.37	-60.76	≤ -16.63	PASS
			1000~26500	3.37	-47.4	≤ -16.63	PASS
		2437	Reference	4.44	4.44	---	PASS
			30~1000	4.44	-60.26	≤ -15.56	PASS
			1000~26500	4.44	-47.61	≤ -15.56	PASS
		2462	Reference	5.00	5.00	---	PASS
			30~1000	5.00	-60.3	≤ -15	PASS
			1000~26500	5.00	-47.52	≤ -15	PASS
11G	Ant1	2412	Reference	-4.11	-4.11	---	PASS
			30~1000	-4.11	-60.61	≤ -24.11	PASS
			1000~26500	-4.11	-48.16	≤ -24.11	PASS
		2437	Reference	-4.36	-4.36	---	PASS
			30~1000	-4.36	-60.96	≤ -24.36	PASS
			1000~26500	-4.36	-47.99	≤ -24.36	PASS
		2462	Reference	-3.68	-3.68	---	PASS
			30~1000	-3.68	-60.52	≤ -23.68	PASS
			1000~26500	-3.68	-47.41	≤ -23.68	PASS
11N20SISO	Ant1	2412	Reference	-5.25	-5.25	---	PASS
			30~1000	-5.25	-60.35	≤ -25.25	PASS
			1000~26500	-5.25	-48.05	≤ -25.25	PASS
		2437	Reference	-3.20	-3.20	---	PASS
			30~1000	-3.20	-59.89	≤ -23.2	PASS
			1000~26500	-3.20	-47.35	≤ -23.2	PASS
		2462	Reference	-3.77	-3.77	---	PASS
			30~1000	-3.77	-57.64	≤ -23.77	PASS
			1000~26500	-3.77	-46.71	≤ -23.77	PASS
11AX20SISO	Ant1	2412	Reference	-3.48	-3.48	---	PASS
			30~1000	-3.48	-60.35	≤ -23.48	PASS
			1000~26500	-3.48	-47.59	≤ -23.48	PASS
		2437	Reference	-3.02	-3.02	---	PASS
			30~1000	-3.02	-60.49	≤ -23.02	PASS
			1000~26500	-3.02	-47.2	≤ -23.02	PASS
		2462	Reference	-1.98	-1.98	---	PASS
			30~1000	-1.98	-60.47	≤ -21.98	PASS
			1000~26500	-1.98	-47.14	≤ -21.98	PASS

Test Graphs

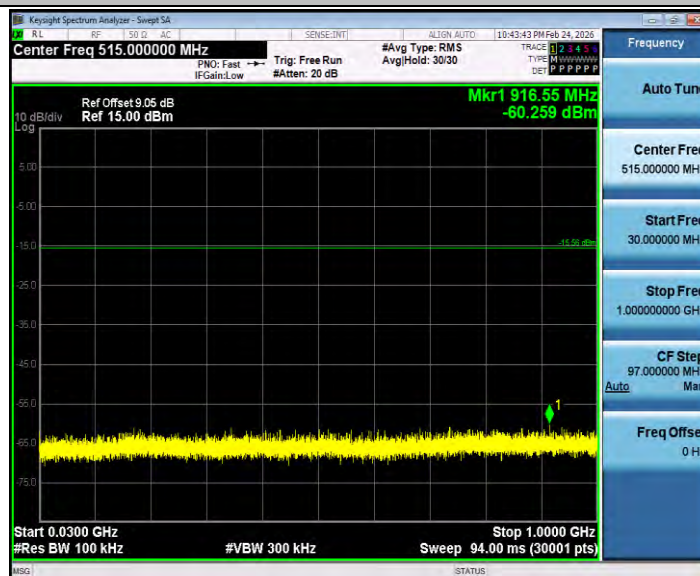


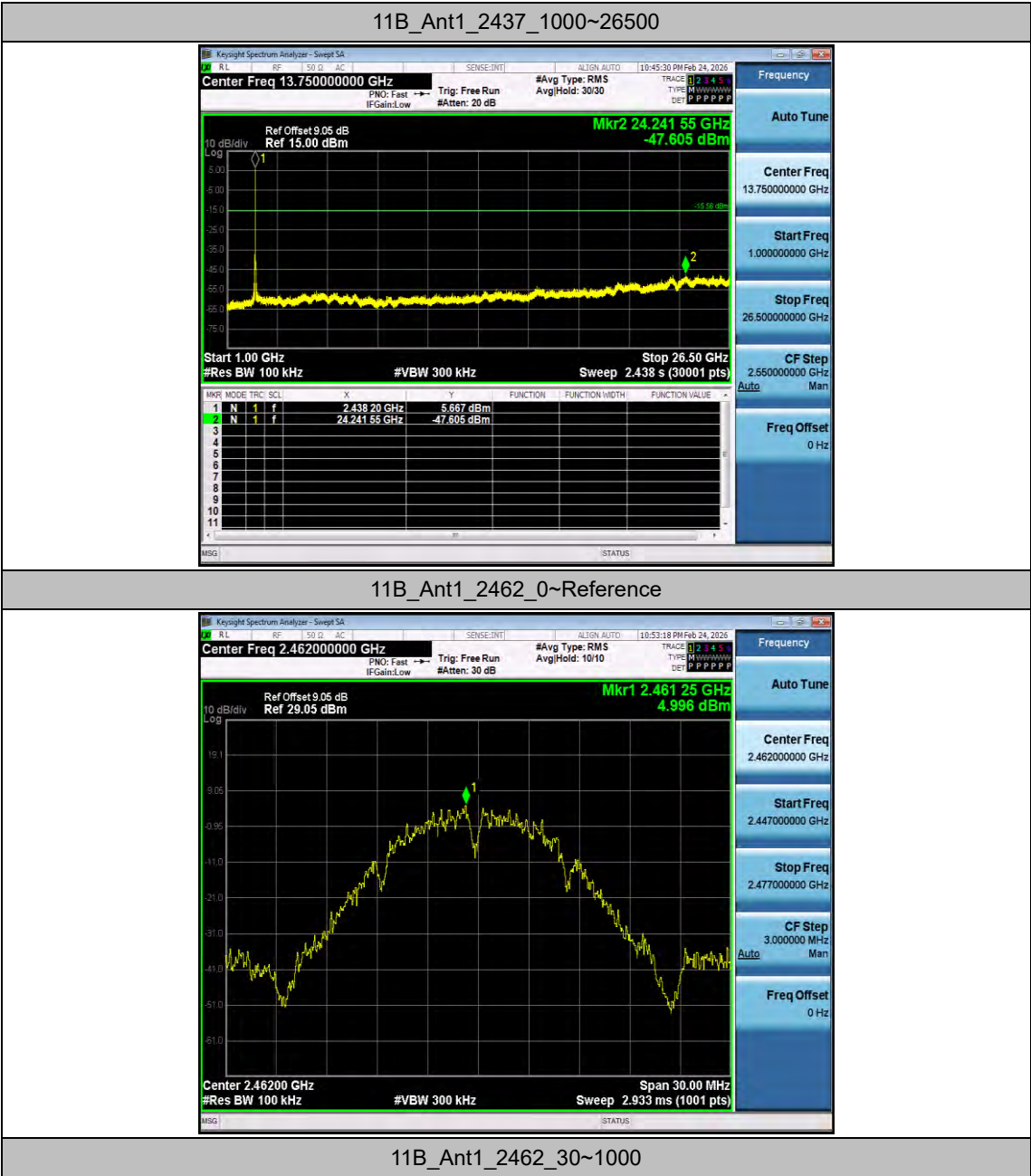


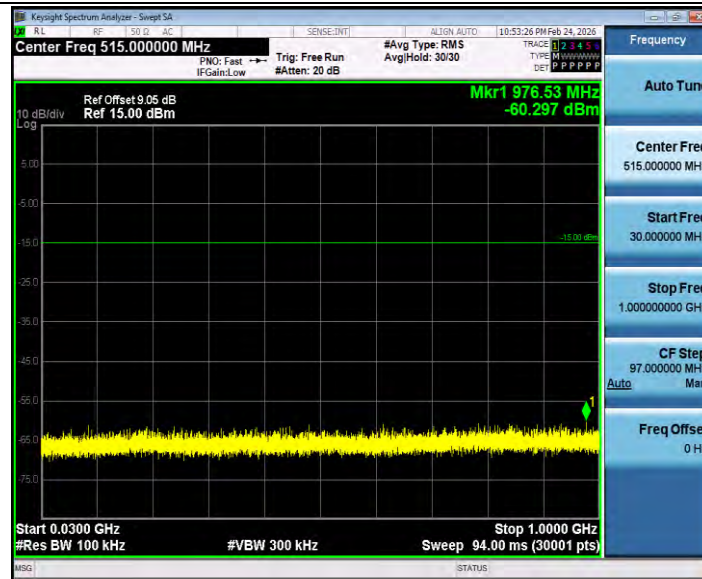
11B_Ant1_2437_0~Reference



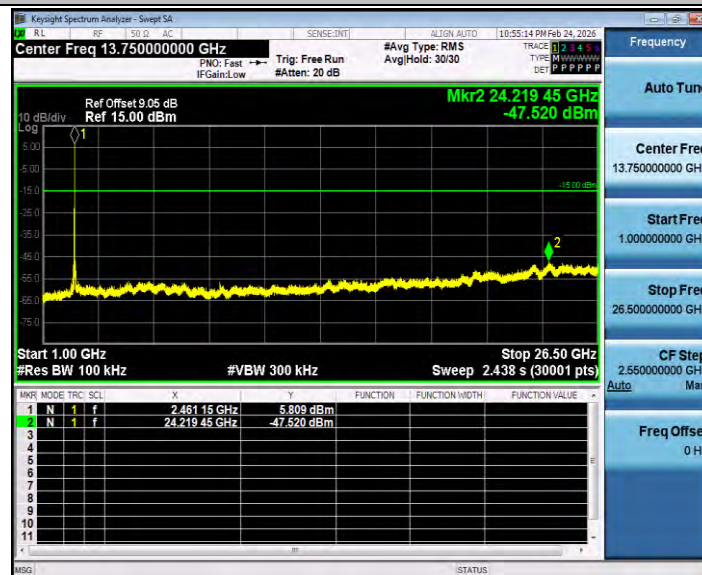
11B_Ant1_2437_30~1000



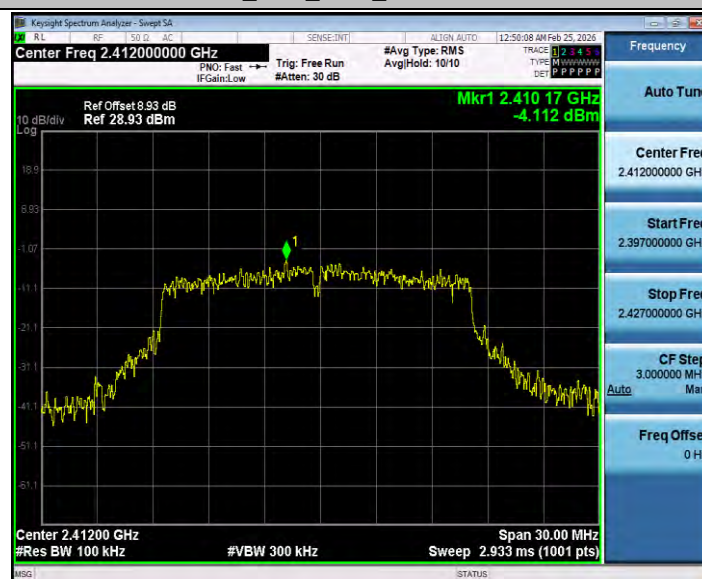


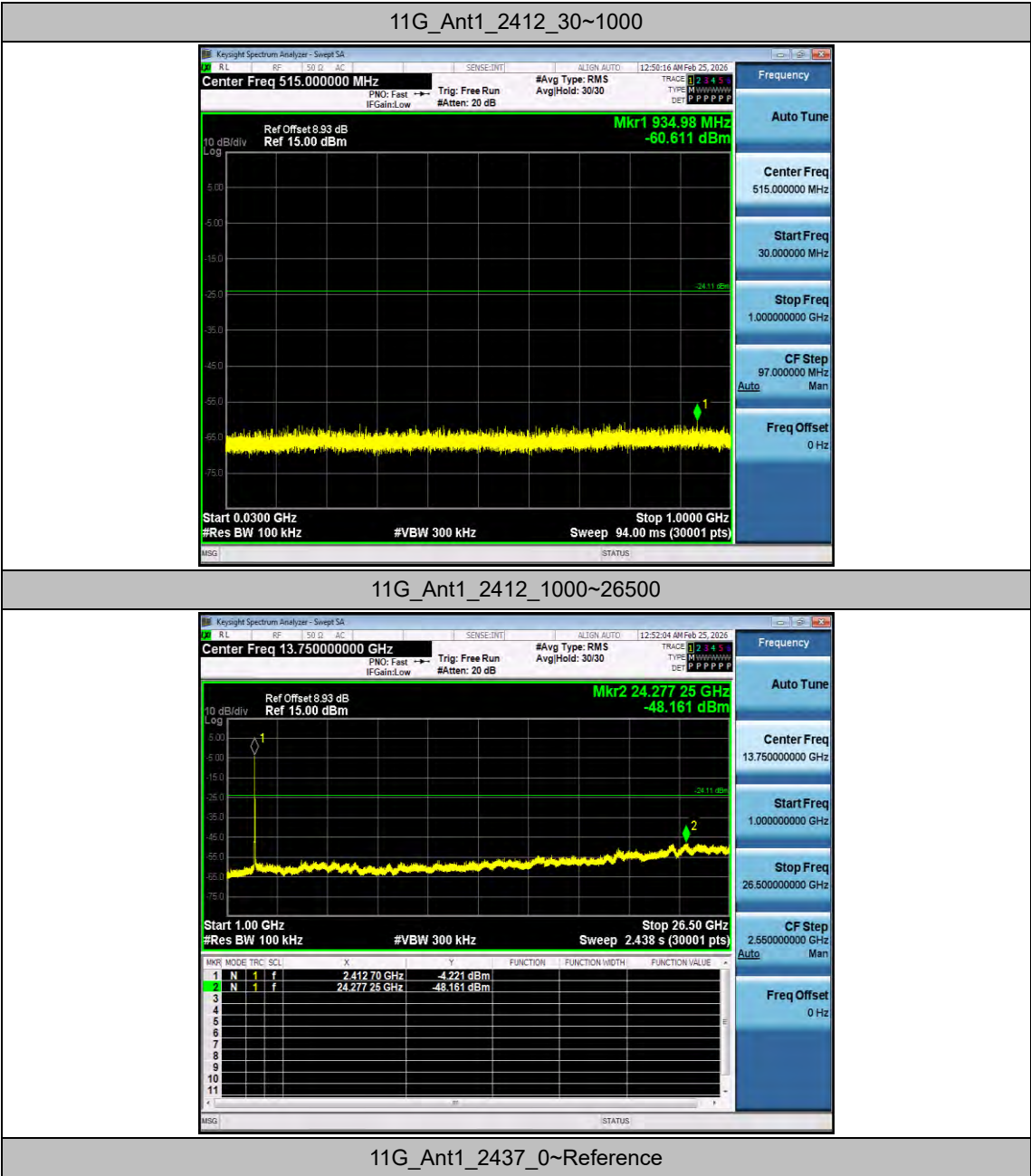


11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference







11G_Ant1_2437_30~1000



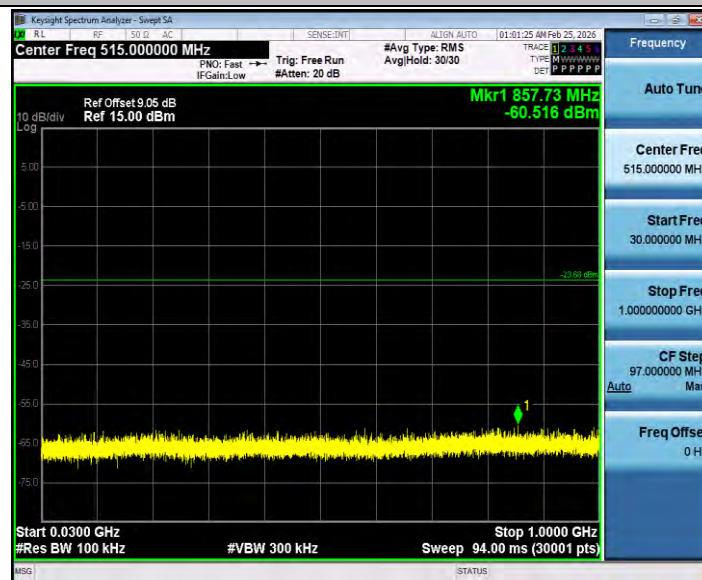
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



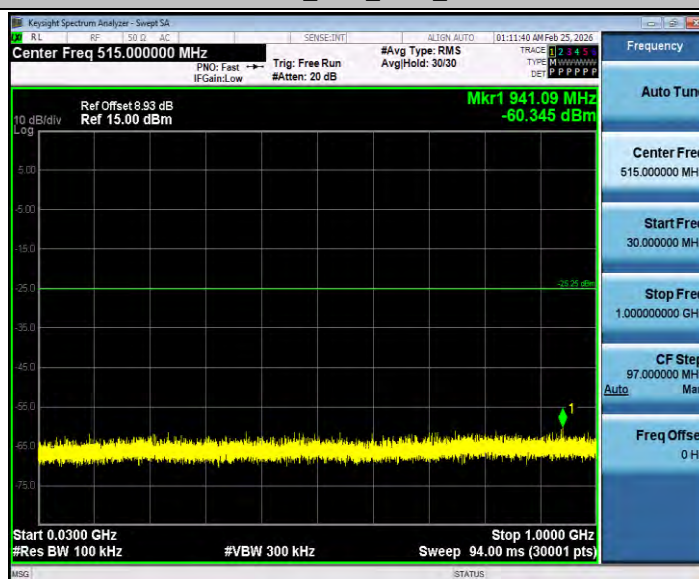
11G_Ant1_2462_1000~26500



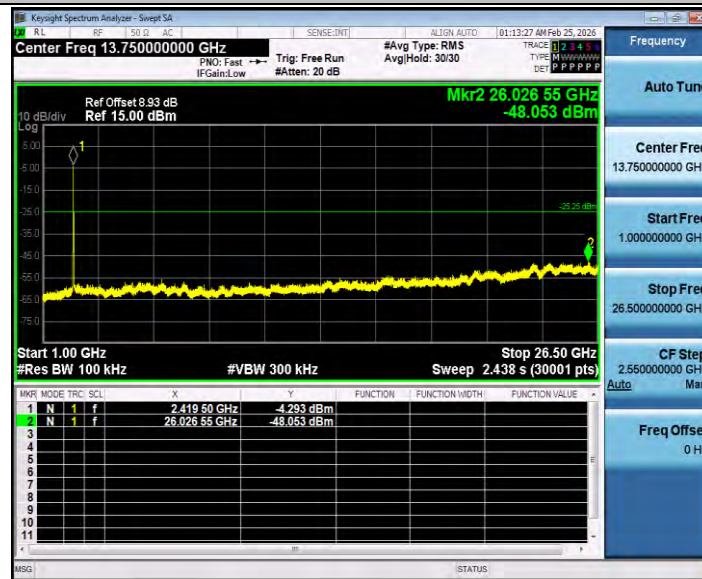
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



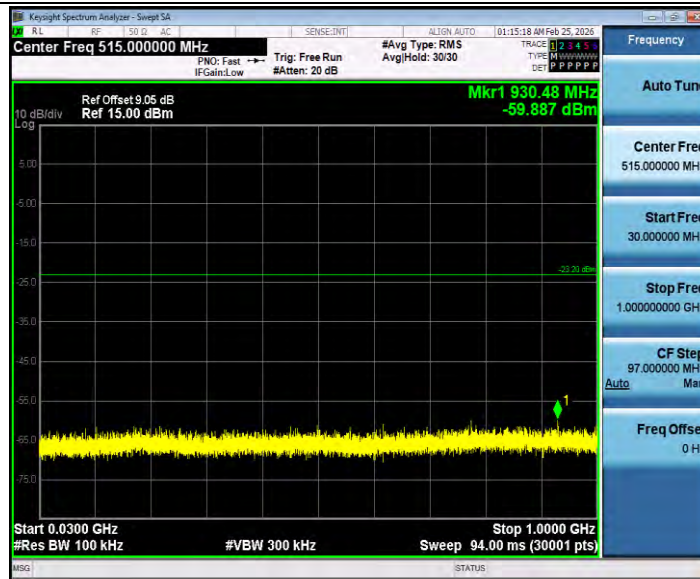
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

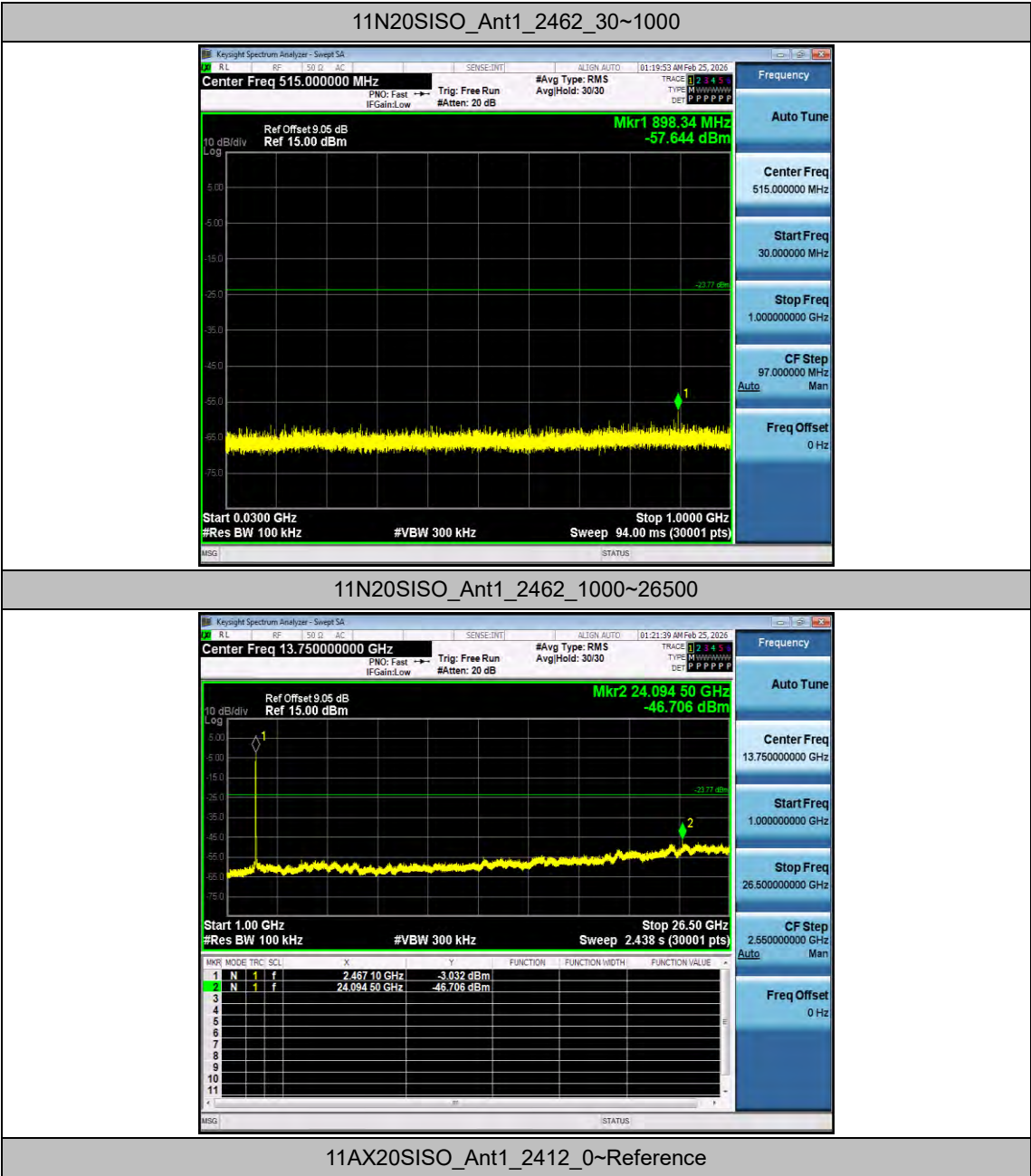


11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference







11AX20SISO_Ant1_2412_30~1000



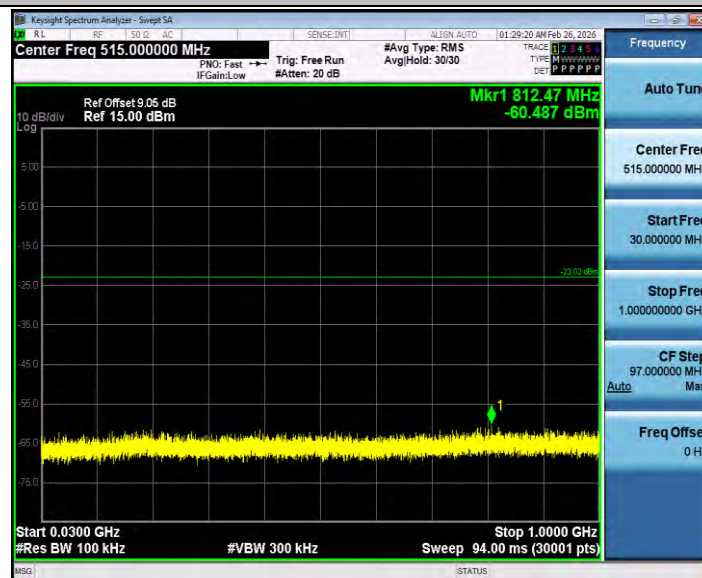
11AX20SISO_Ant1_2412_1000~26500



11AX20SISO_Ant1_2437_0~Reference



11AX20SISO_Ant1_2437_30~1000



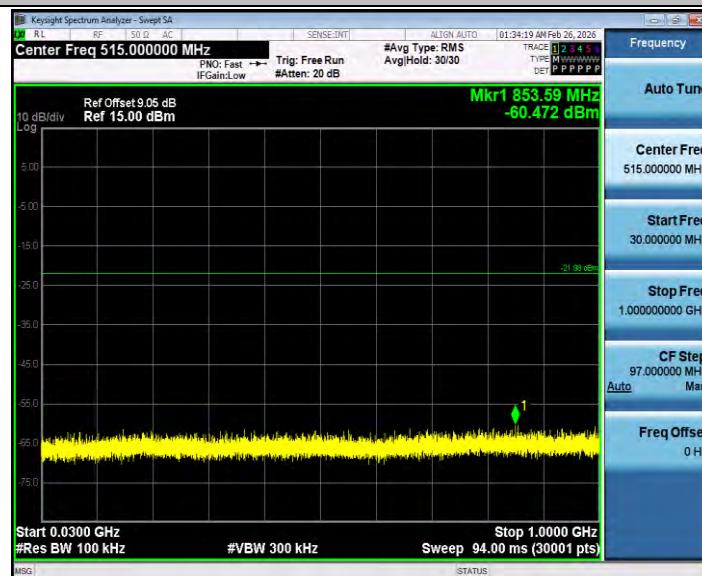
11AX20SISO_Ant1_2437_1000~26500

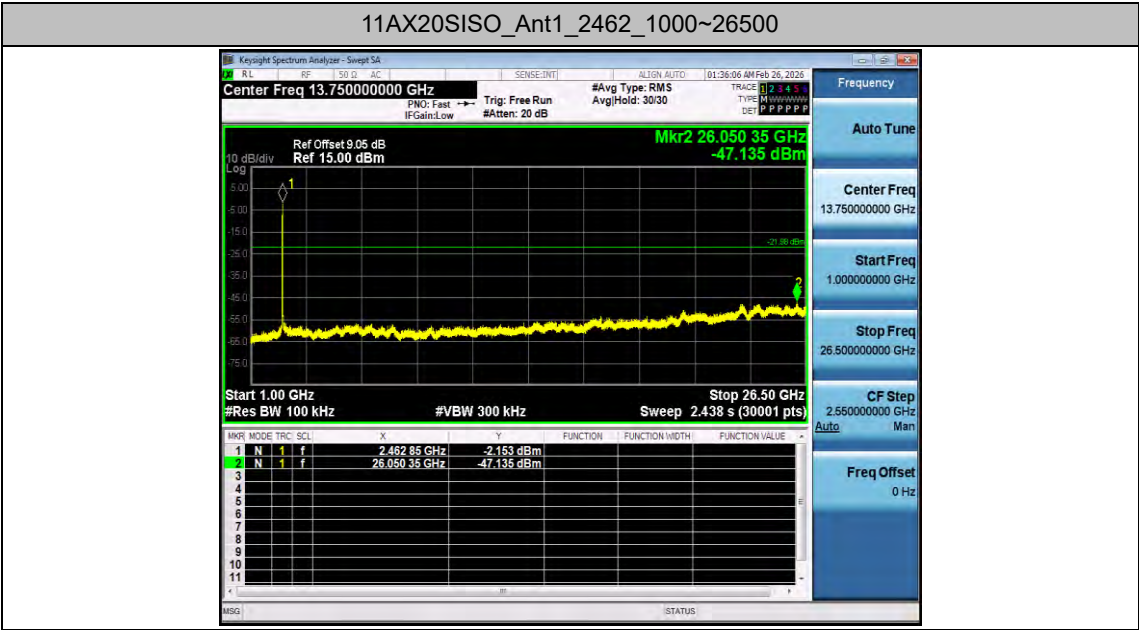


11AX20SISO_Ant1_2462_0~Reference



11AX20SISO_Ant1_2462_30~1000



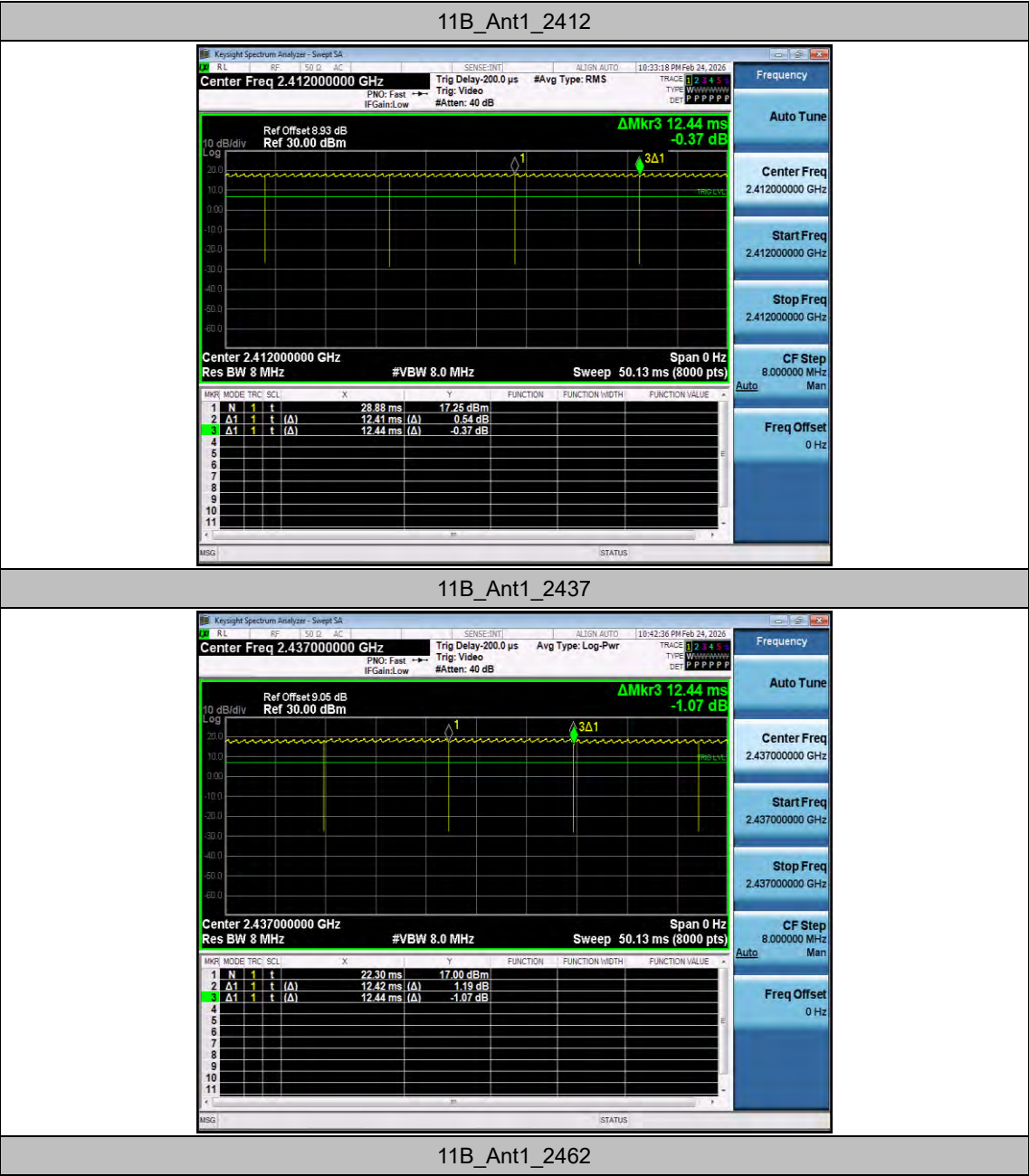


Appendix C.7: Duty Cycle

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	12.41	12.44	99.76	0.01	0.08
		2437	12.42	12.44	99.84	0.01	0.08
		2462	12.42	12.44	99.84	0.01	0.08
11G	Ant1	2412	2.07	2.09	99.04	0.04	0.48
		2437	2.06	2.08	99.04	0.04	0.49
		2462	2.06	2.08	99.04	0.04	0.49
11N20SISO	Ant1	2412	1.92	1.94	98.97	0.04	0.52
		2437	1.92	2.21	86.88	0.61	0.52
		2462	1.92	1.94	98.97	0.04	0.52
11AX20SISO	Ant1	2412	1.01	1.11	90.99	0.41	0.99
		2437	1.01	1.11	90.99	0.41	0.99
		2462	1.02	1.12	91.07	0.41	0.98

Test Graphs



11B_Ant1_2437

Frequency

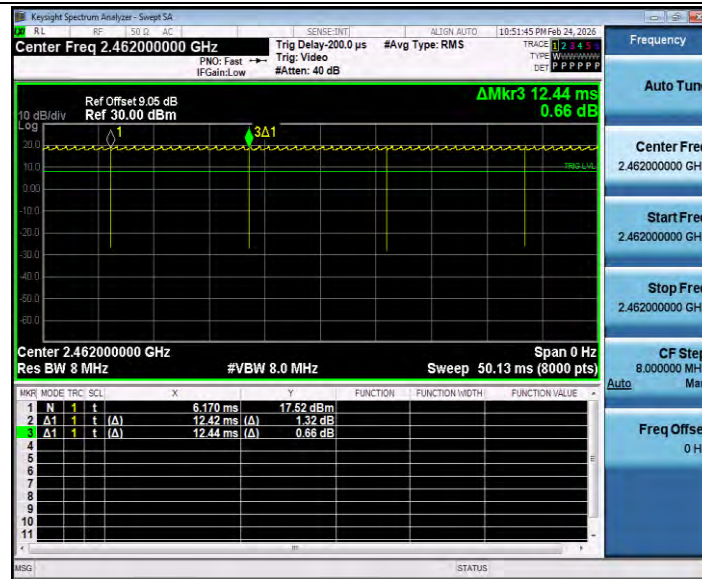
Auto Tune

Center Freq
2.437000000 GHzStart Freq
2.437000000 GHzStop Freq
2.437000000 GHzCF Step
8.000000 MHz

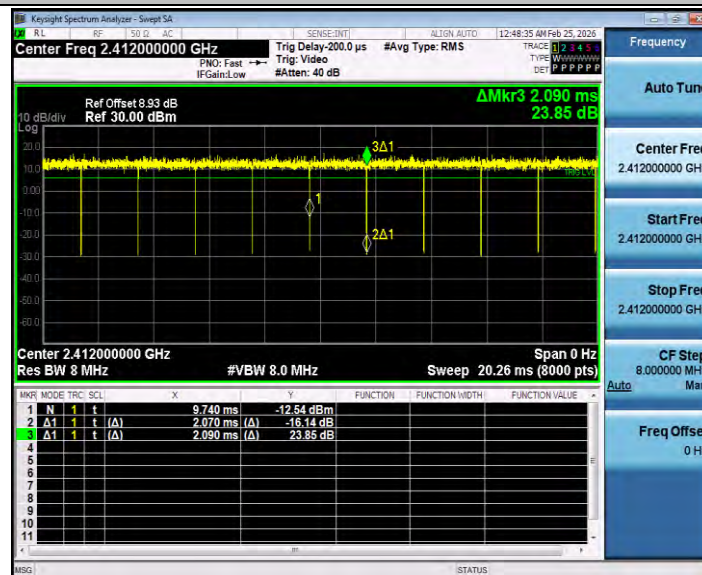
Man

Freq Offset
0 Hz

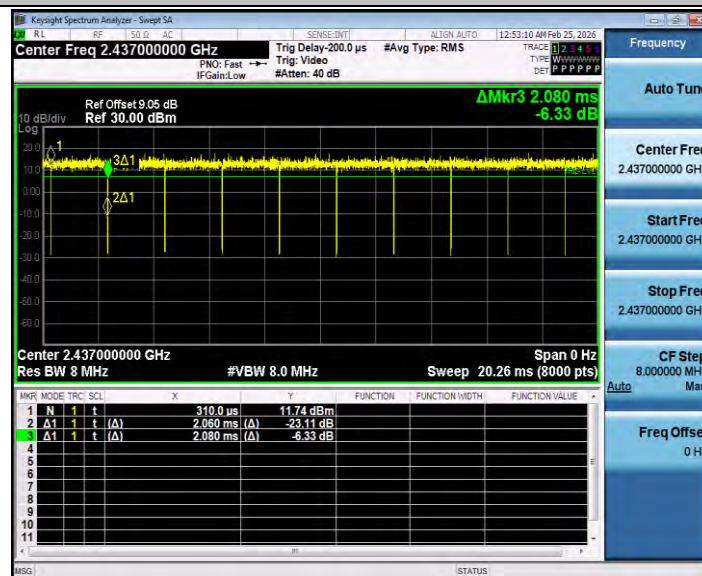
11B_Ant1_2462



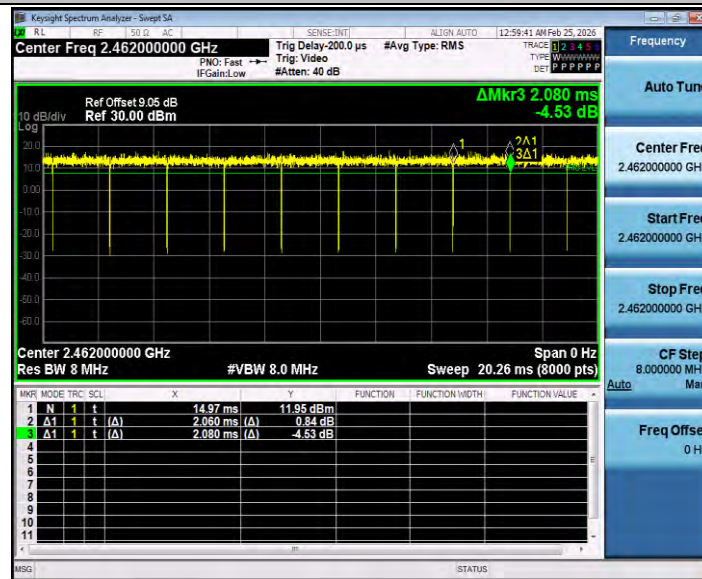
11G_Ant1_2412



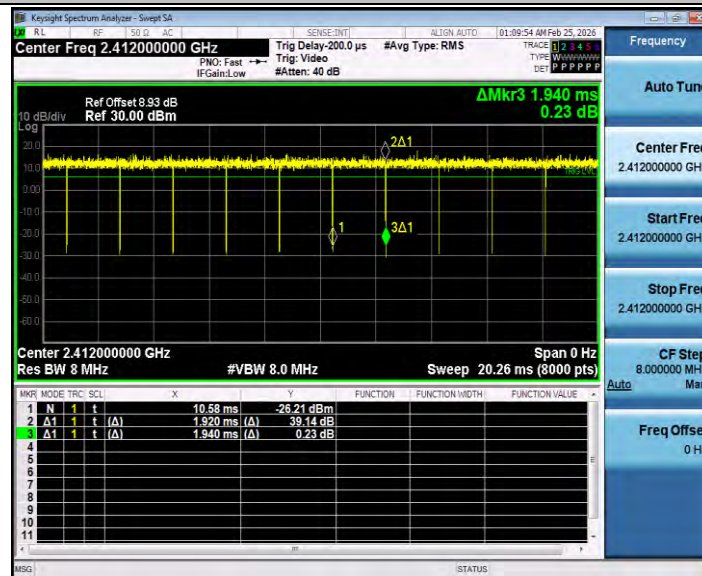
11G_Ant1_2437



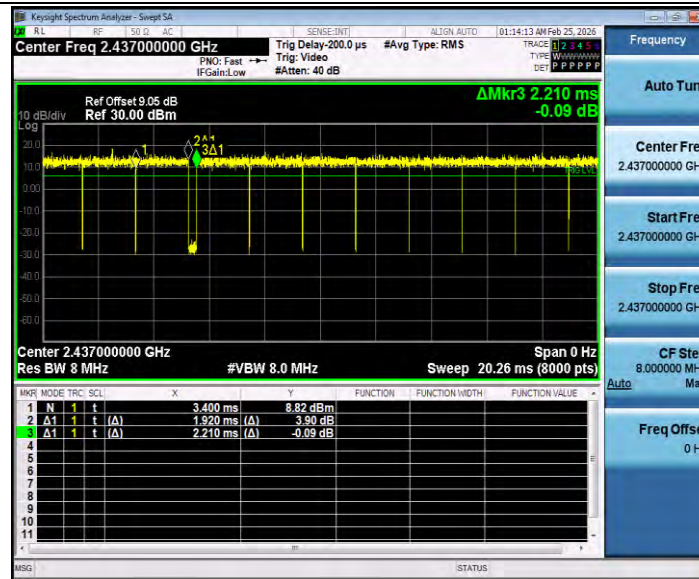
11G_Ant1_2462



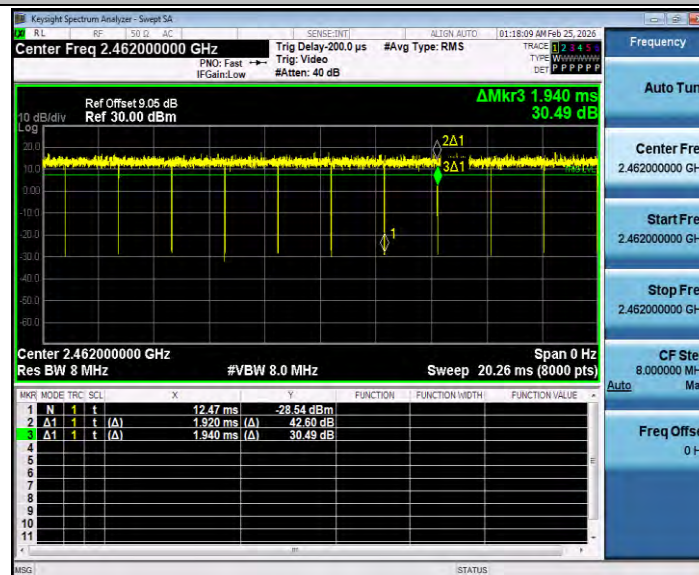
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11AX20SISO_Ant1_2412

