

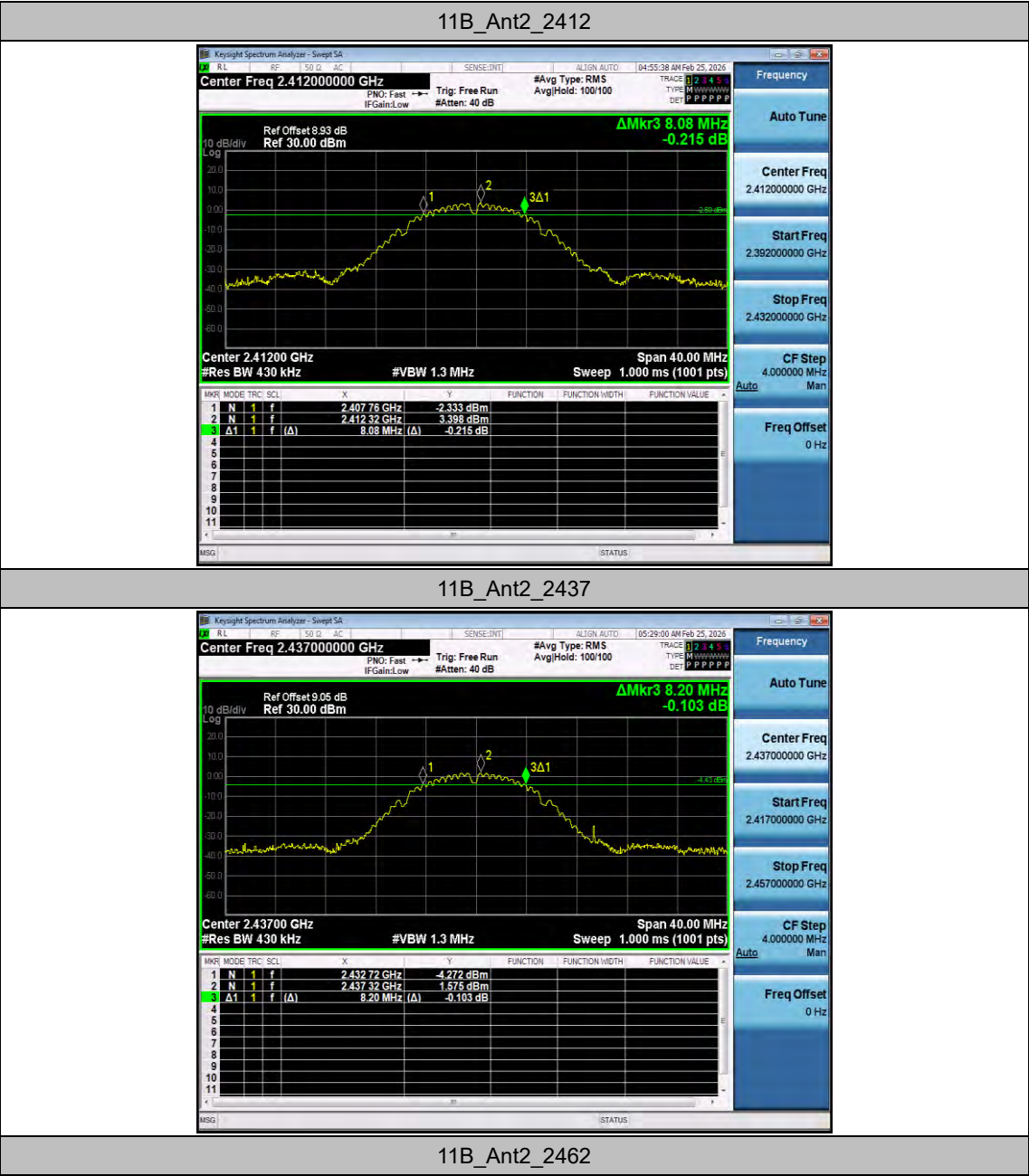
Case No. : <u>GTS20250918006-1-03</u>
Ambient Condition: <u>23℃,49%RH,</u>
Test Date: <u>2026.1.29-2026.3.3</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	8.080	2407.760	2415.840	0.5	PASS
		2437	8.200	2432.720	2440.920	0.5	PASS
		2462	8.160	2457.720	2465.880	0.5	PASS
11G	Ant2	2412	16.240	2403.680	2419.920	0.5	PASS
		2437	16.240	2428.680	2444.920	0.5	PASS
		2462	16.080	2453.760	2469.840	0.5	PASS
11N20SISO	Ant2	2412	17.120	2403.080	2420.200	0.5	PASS
		2437	17.440	2428.120	2445.560	0.5	PASS
		2462	17.320	2453.120	2470.440	0.5	PASS
11AX20SISO	Ant2	2412	17.840	2403.120	2420.960	0.5	PASS
		2437	17.800	2427.880	2445.680	0.5	PASS
		2462	17.560	2453.720	2471.280	0.5	PASS

Test Graphs





11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



11AX20SISO_Ant2_2462



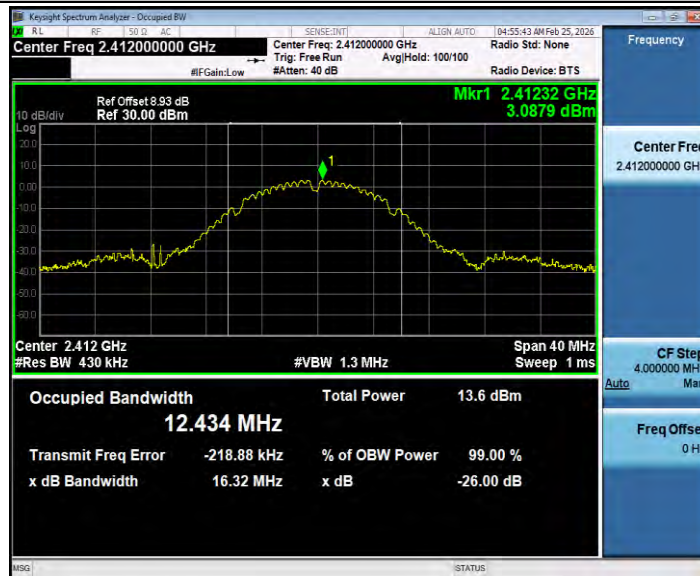
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	12.434	2405.5641	2417.9981	---	---
		2437	12.162	2430.7301	2442.8921	---	---
		2462	12.075	2455.7744	2467.8494	---	---
11G	Ant2	2412	17.269	2403.1037	2420.3727	---	---
		2437	17.262	2428.2086	2445.4706	---	---
		2462	17.209	2453.1873	2470.3963	---	---
11N20SISO	Ant2	2412	18.276	2402.6716	2420.9476	---	---
		2437	18.161	2427.6865	2445.8475	---	---
		2462	18.244	2452.6727	2470.9167	---	---
11AX20SISO	Ant2	2412	18.979	2402.3505	2421.3295	---	---
		2437	18.945	2427.3478	2446.2928	---	---
		2462	18.965	2452.3427	2471.3077	---	---

Test Graphs

11B_Ant2_2412



11B_Ant2_2437



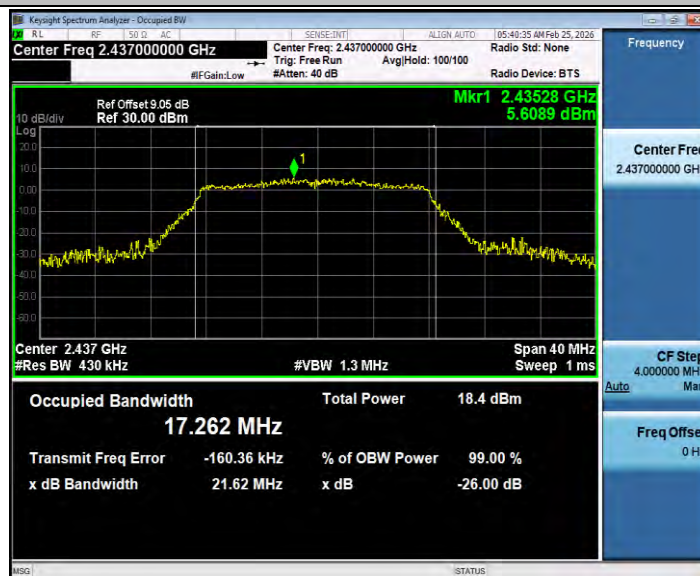
11B_Ant2_2462



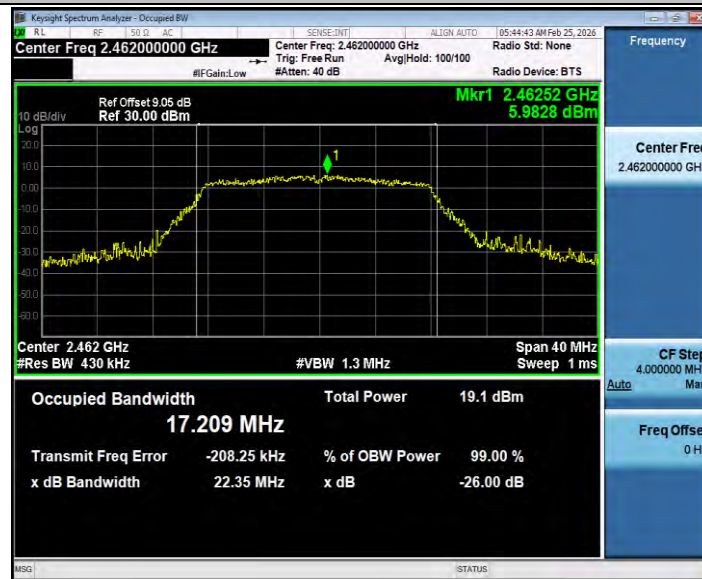
11G_Ant2_2412



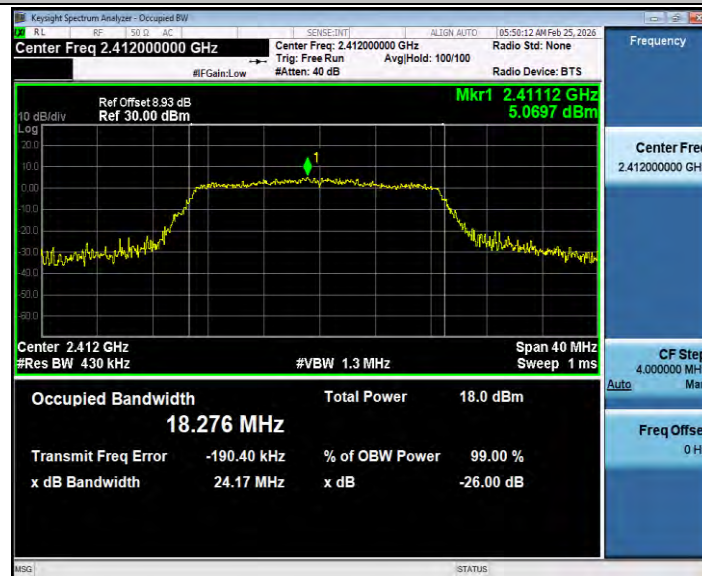
11G_Ant2_2437



11G_Ant2_2462



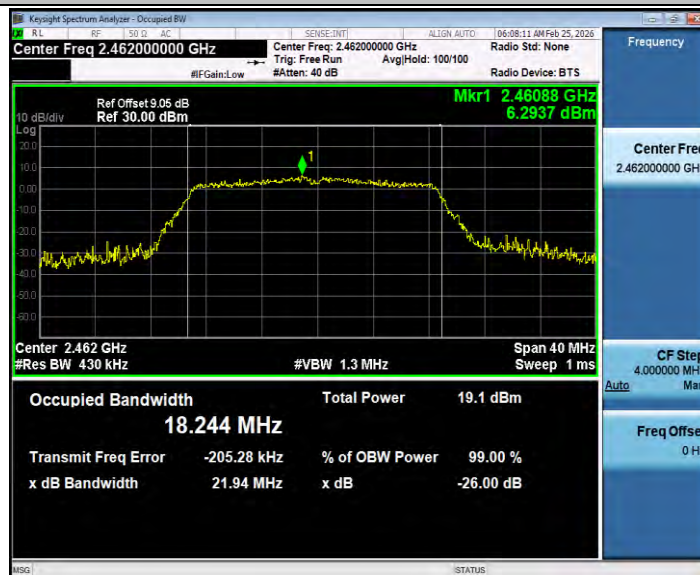
11N20SISO_Ant2_2412



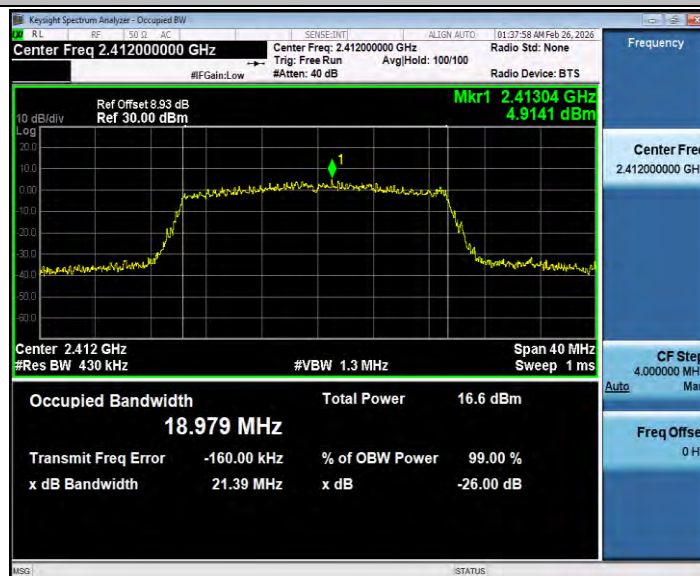
11N20SISO_Ant2_2437



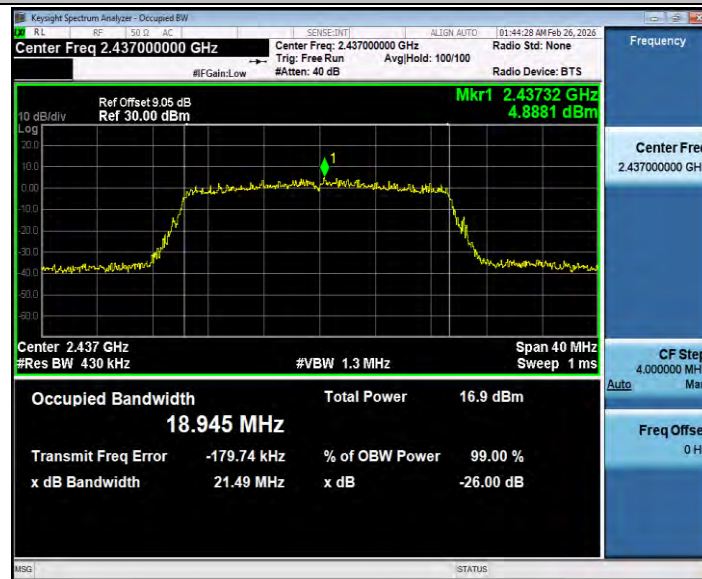
11N20SISO_Ant2_2462



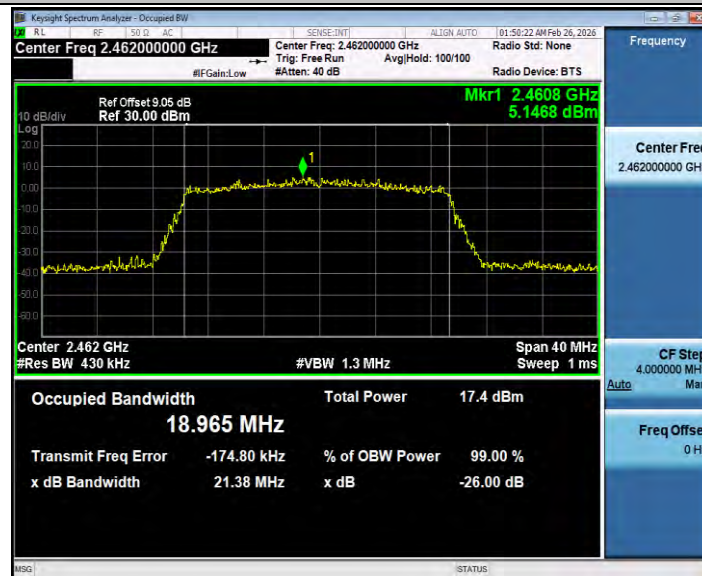
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



11AX20SISO_Ant2_2462



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	13.50	≤30.00	PASS
		2437	12.29	≤30.00	PASS
		2462	12.95	≤30.00	PASS
11G	Ant2	2412	19.26	≤30.00	PASS
		2437	19.60	≤30.00	PASS
		2462	20.40	≤30.00	PASS
11N20SISO	Ant2	2412	19.13	≤30.00	PASS
		2437	19.77	≤30.00	PASS
		2462	20.24	≤30.00	PASS
11AX20SISO	Ant2	2412	17.26	≤30.00	PASS
		2437	17.72	≤30.00	PASS
		2462	18.21	≤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	Ant2	2412	-11.18	≤8.00	PASS
		2437	-13.35	≤8.00	PASS
		2462	-12.07	≤8.00	PASS
11G	Ant2	2412	-13.19	≤8.00	PASS
		2437	-12.55	≤8.00	PASS
		2462	-11.91	≤8.00	PASS
11N20SISO	Ant2	2412	-12.68	≤8.00	PASS
		2437	-12.84	≤8.00	PASS
		2462	-12.07	≤8.00	PASS
11AX20SISO	Ant2	2412	-15.10	≤8.00	PASS
		2437	-14.63	≤8.00	PASS
		2462	-13.72	≤8.00	PASS

Test Graphs

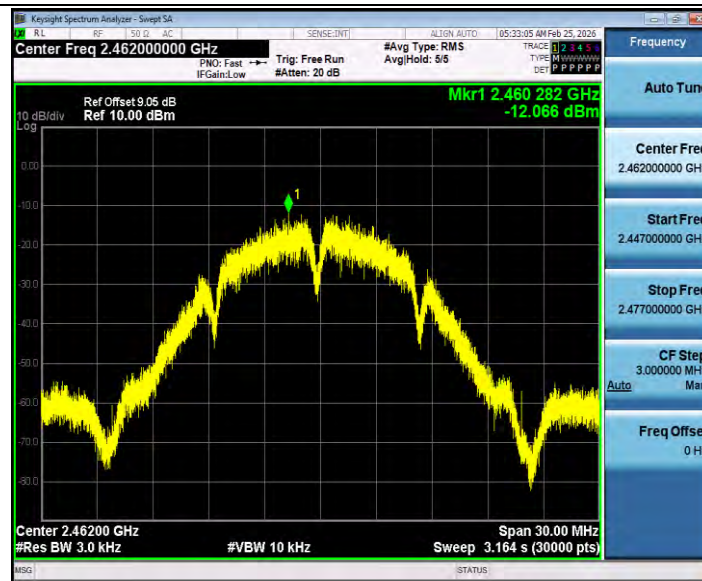
11B_Ant2_2412



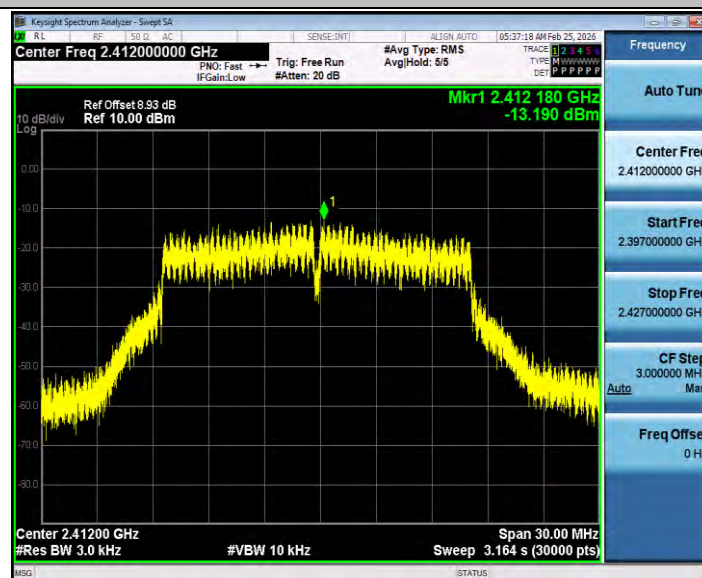
11B_Ant2_2437



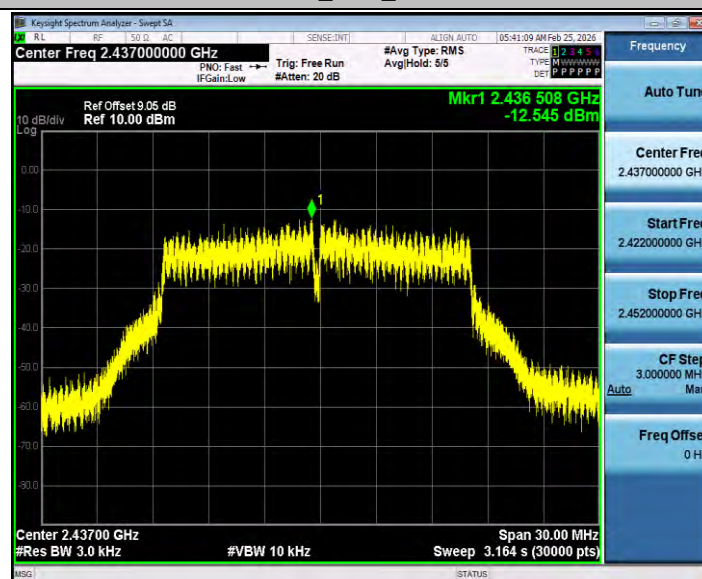
11B_Ant2_2462



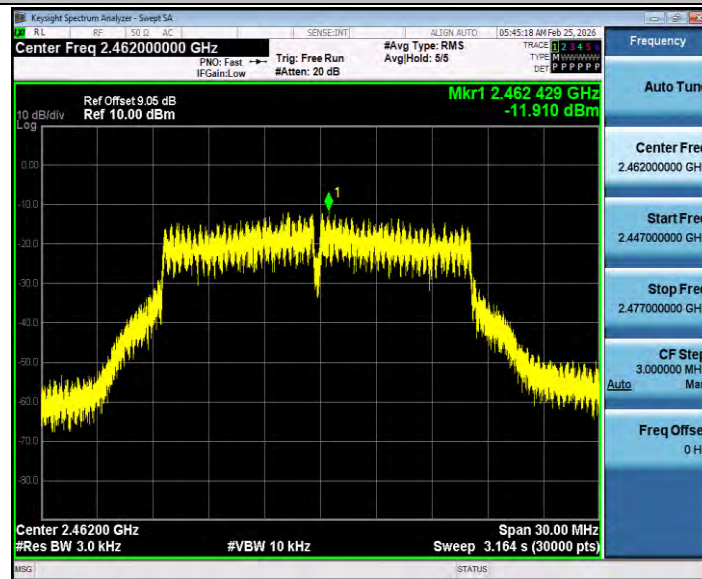
11G_Ant2_2412



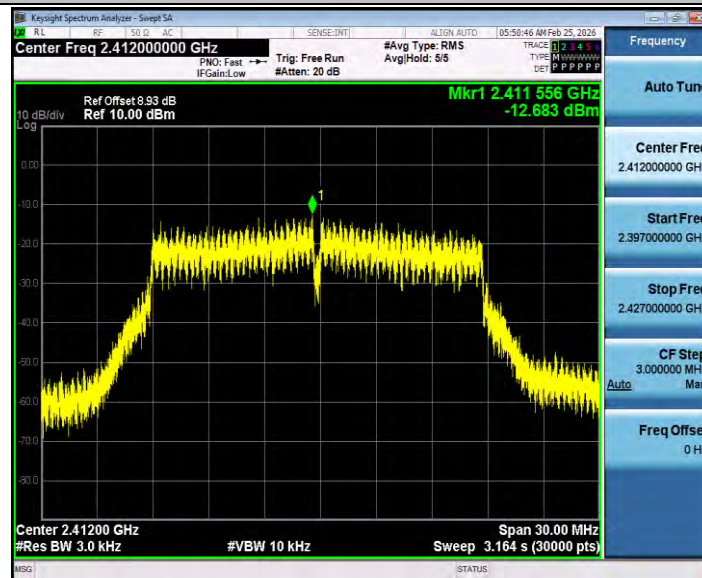
11G_Ant2_2437



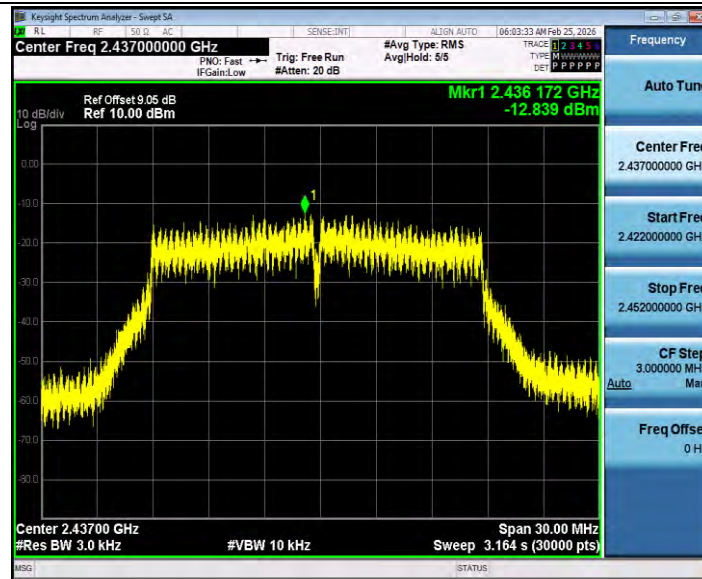
11G_Ant2_2462



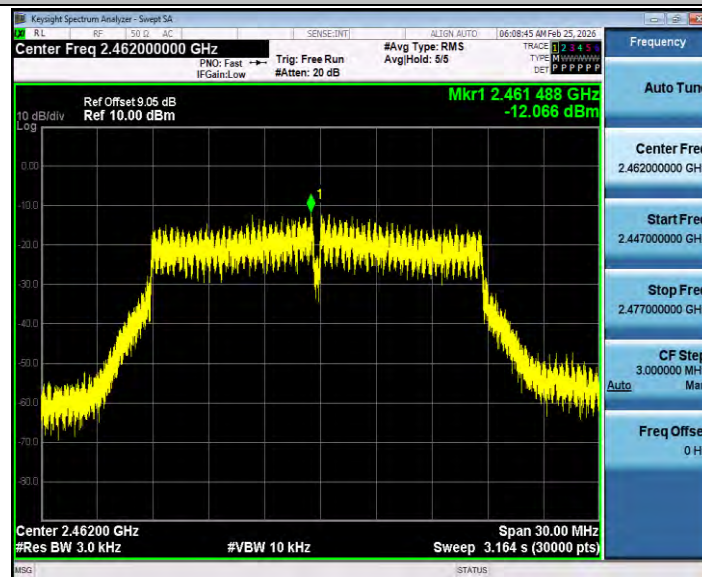
11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



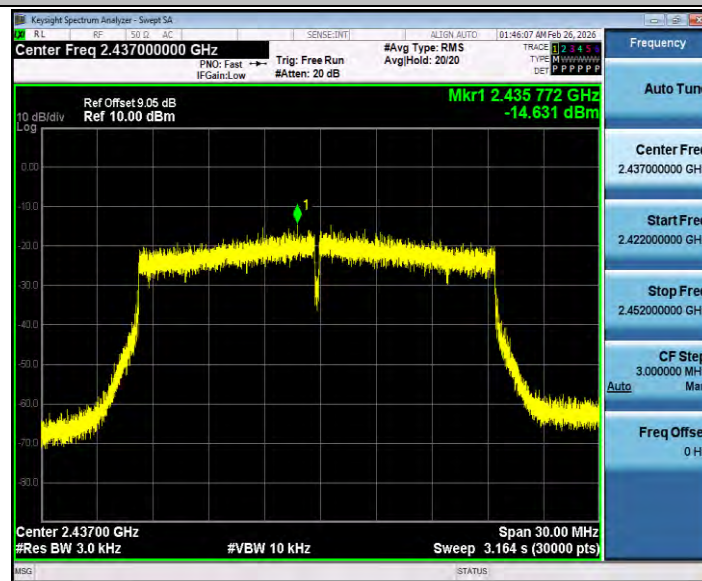
11N20SISO_Ant2_2462



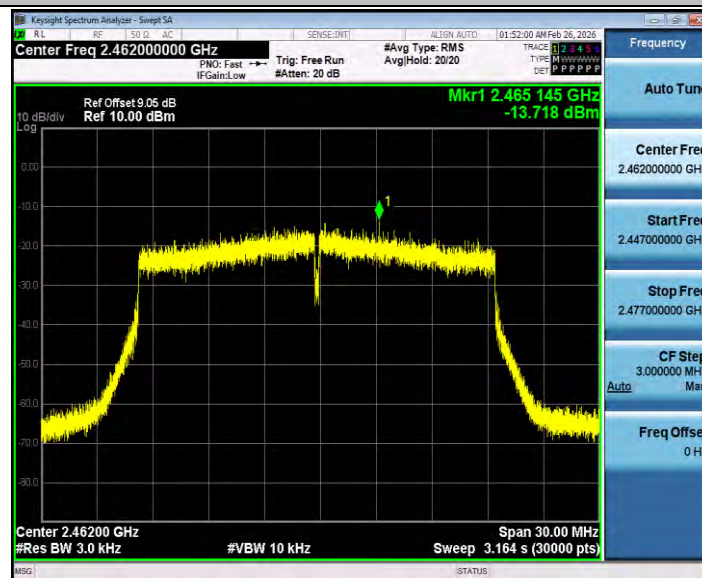
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



11AX20SISO_Ant2_2462



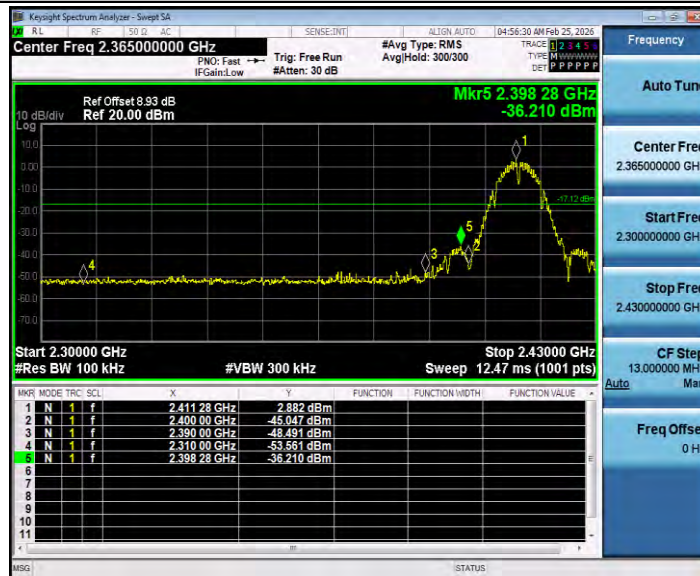
Appendix C.5:Band edge measurements

Test Result

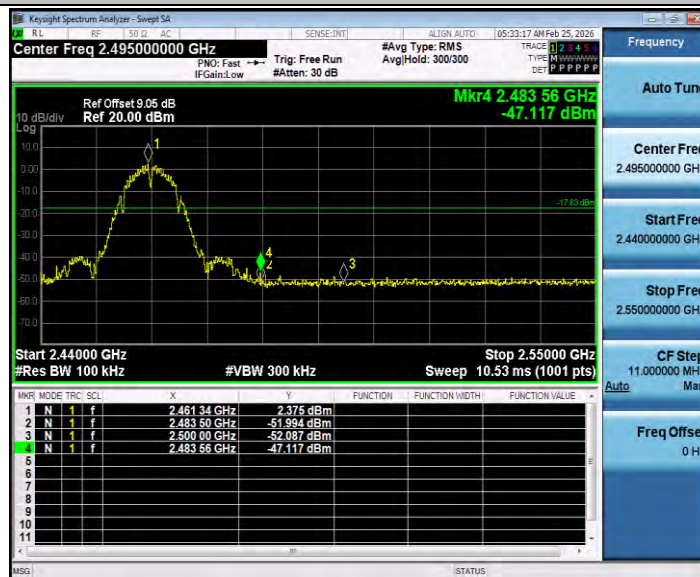
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	2.88	-36.21	≤ -17.12	PASS
		High	2462	2.38	-47.12	≤ -17.63	PASS
11G	Ant2	Low	2412	0.05	-30.42	≤ -19.95	PASS
		High	2462	1.42	-41.22	≤ -18.58	PASS
11N20SISO	Ant2	Low	2412	0.09	-29.65	≤ -19.91	PASS
		High	2462	1.42	-40.83	≤ -18.58	PASS
11AX20SISO	Ant2	Low	2412	-2.48	-40.15	≤ -22.48	PASS
		High	2462	-1.36	-47.44	≤ -21.36	PASS

Test Graphs

11B_Ant2_Low_2412



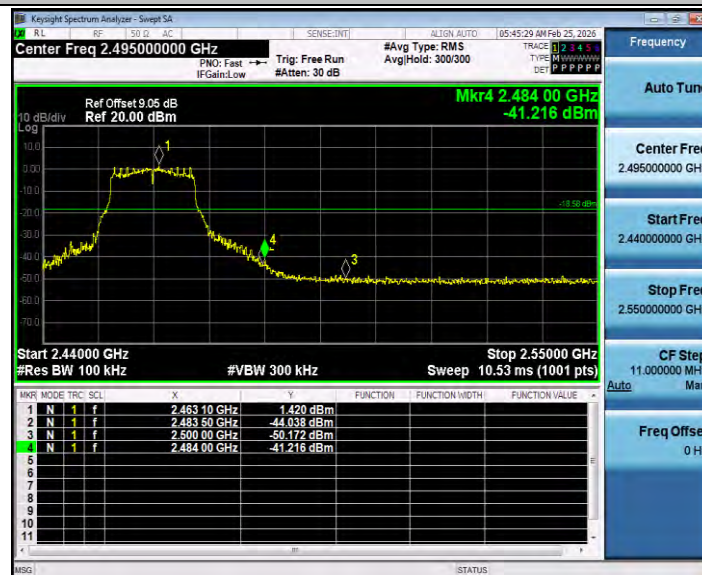
11B_Ant2_High_2462



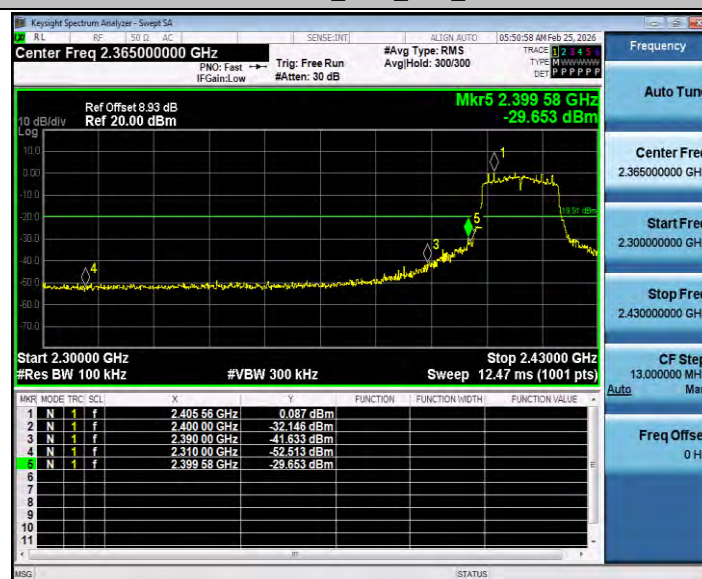
11G_Ant2_Low_2412



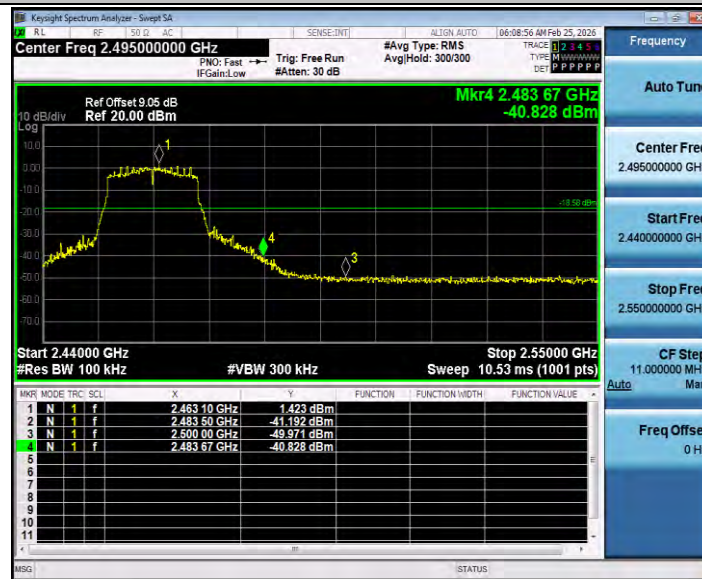
11G_Ant2_High_2462



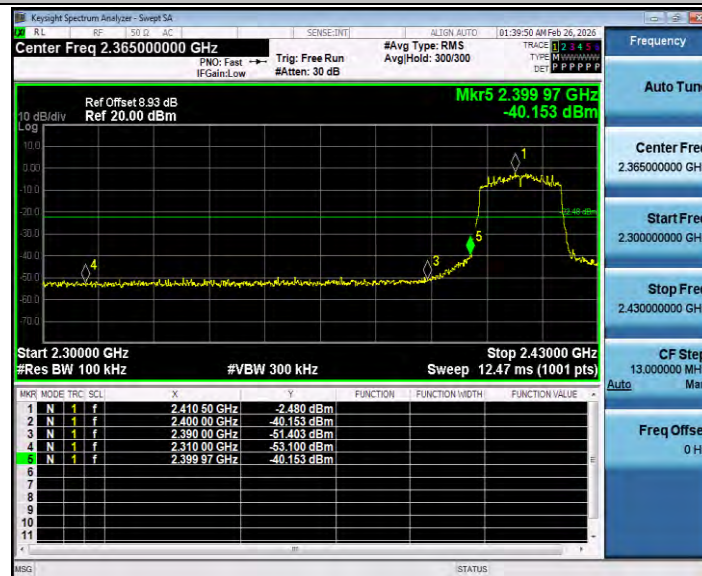
11N20SISO_Ant2_Low_2412



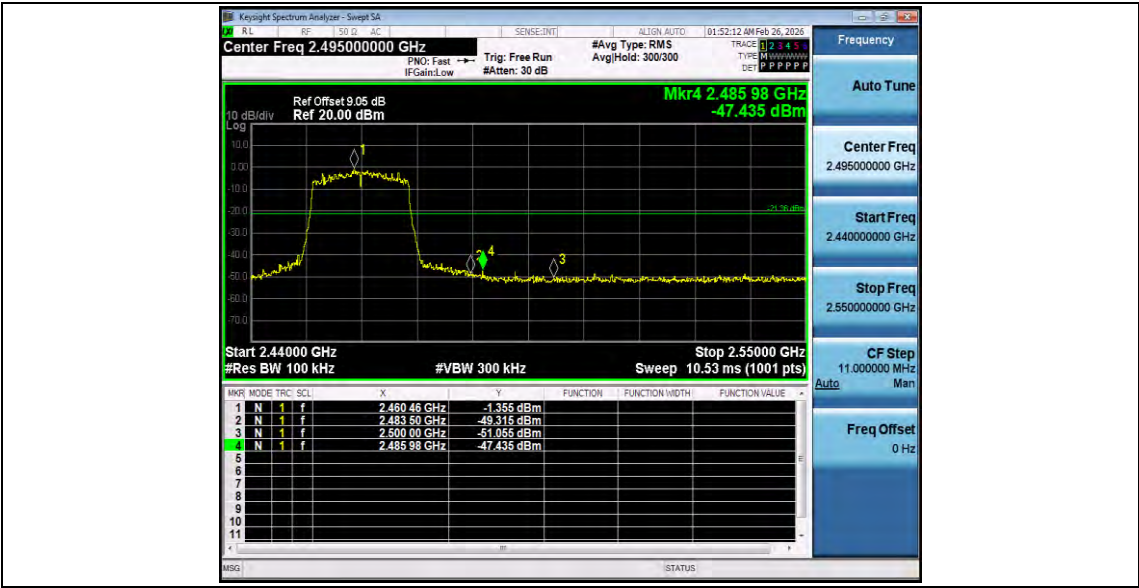
11N20SISO_Ant2_High_2462



11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462

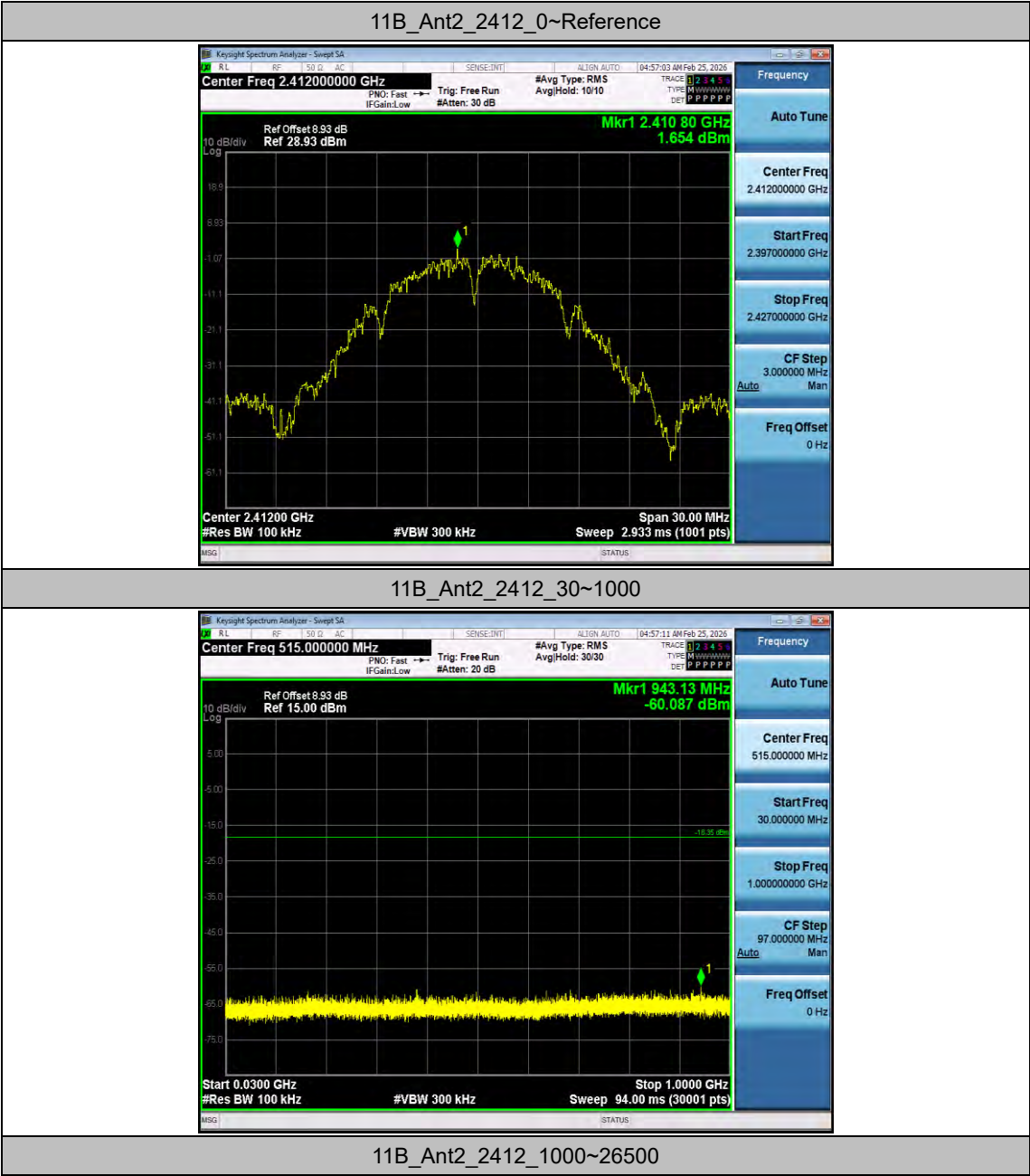


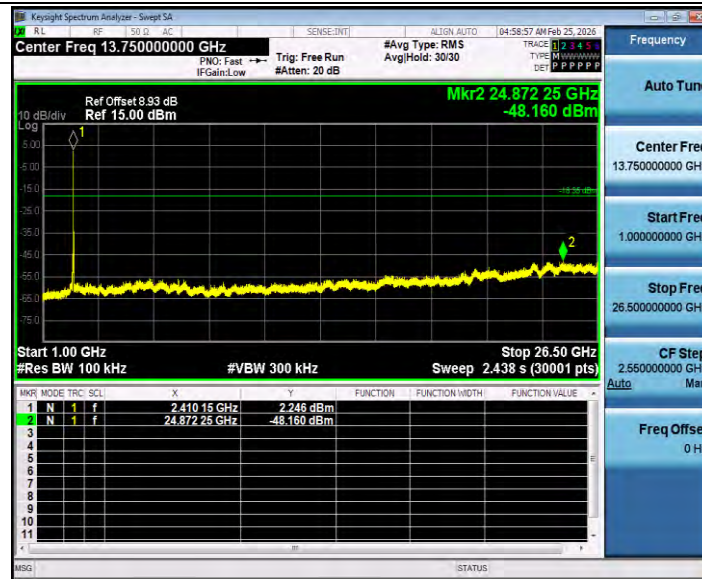
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	1.65	1.65	---	PASS
			30~1000	1.65	-60.09	≤ -18.35	PASS
			1000~26500	1.65	-48.16	≤ -18.35	PASS
		2437	Reference	-1.05	-1.05	---	PASS
			30~1000	-1.05	-60.78	≤ -21.05	PASS
			1000~26500	-1.05	-47.32	≤ -21.05	PASS
		2462	Reference	1.10	1.10	---	PASS
			30~1000	1.10	-60.38	≤ -18.9	PASS
			1000~26500	1.10	-47.26	≤ -18.9	PASS
11G	Ant2	2412	Reference	-1.90	-1.90	---	PASS
			30~1000	-1.90	-60.06	≤ -21.9	PASS
			1000~26500	-1.90	-47.61	≤ -21.9	PASS
		2437	Reference	-0.86	-0.86	---	PASS
			30~1000	-0.86	-60.65	≤ -20.86	PASS
			1000~26500	-0.86	-47.68	≤ -20.86	PASS
		2462	Reference	-0.12	-0.12	---	PASS
			30~1000	-0.12	-59.89	≤ -20.12	PASS
			1000~26500	-0.12	-47.77	≤ -20.12	PASS
11N20SISO	Ant2	2412	Reference	-1.34	-1.34	---	PASS
			30~1000	-1.34	-60.55	≤ -21.34	PASS
			1000~26500	-1.34	-47.69	≤ -21.34	PASS
		2437	Reference	-1.00	-1.00	---	PASS
			30~1000	-1.00	-60.64	≤ -21	PASS
			1000~26500	-1.00	-47.59	≤ -21	PASS
		2462	Reference	0.77	0.77	---	PASS
			30~1000	0.77	-60.79	≤ -19.23	PASS
			1000~26500	0.77	-47.23	≤ -19.23	PASS
11AX20SISO	Ant2	2412	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-60.79	≤ -23.51	PASS
			1000~26500	-3.51	-47.91	≤ -23.51	PASS
		2437	Reference	-2.96	-2.96	---	PASS
			30~1000	-2.96	-60.14	≤ -22.96	PASS
			1000~26500	-2.96	-47.19	≤ -22.96	PASS
		2462	Reference	-2.35	-2.35	---	PASS
			30~1000	-2.35	-59.95	≤ -22.35	PASS
			1000~26500	-2.35	-47.39	≤ -22.35	PASS

Test Graphs

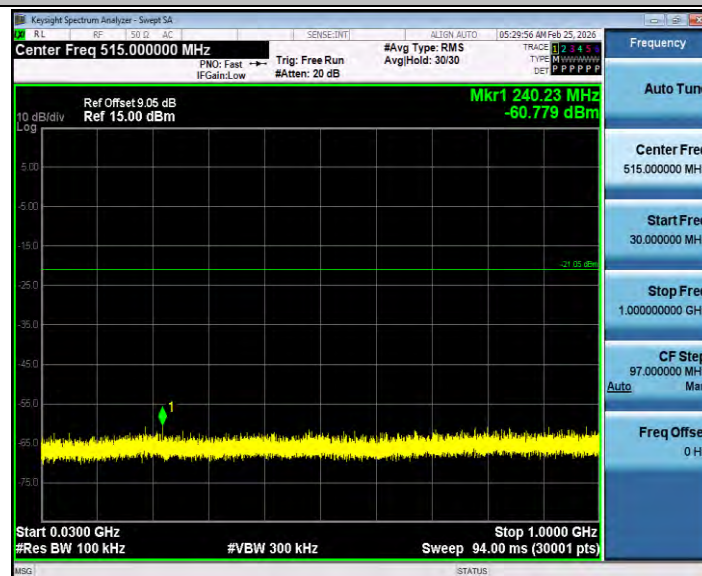




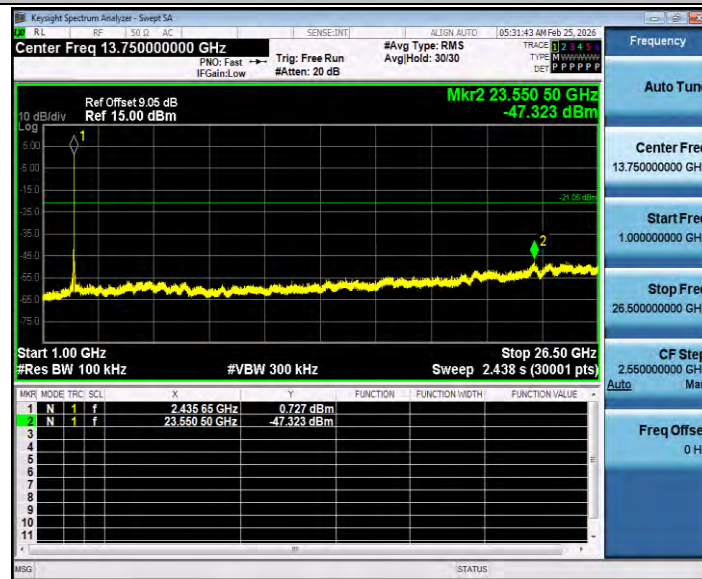
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



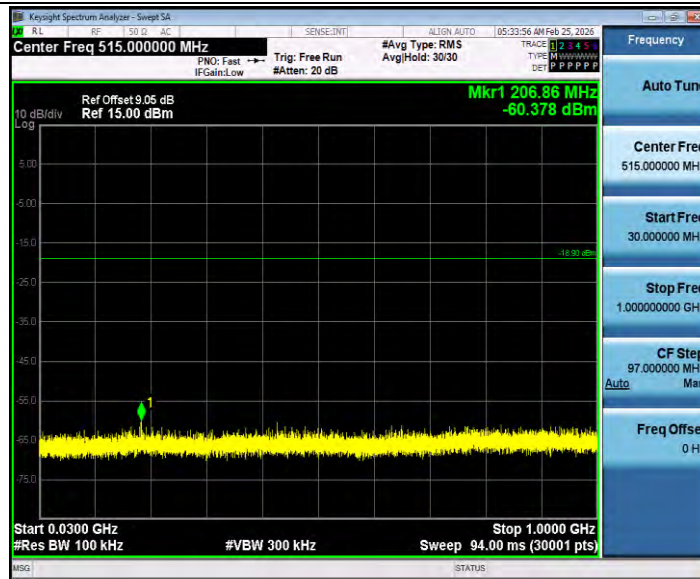
11B_Ant2_2437_1000~26500



11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



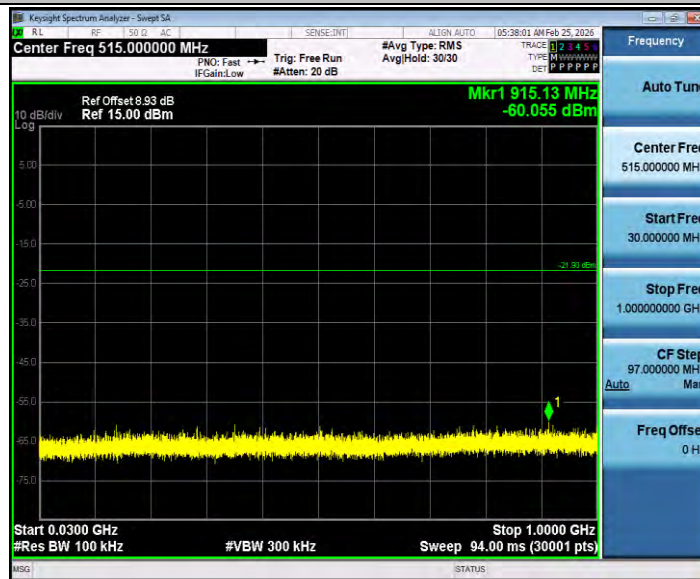
11B_Ant2_2462_1000~26500



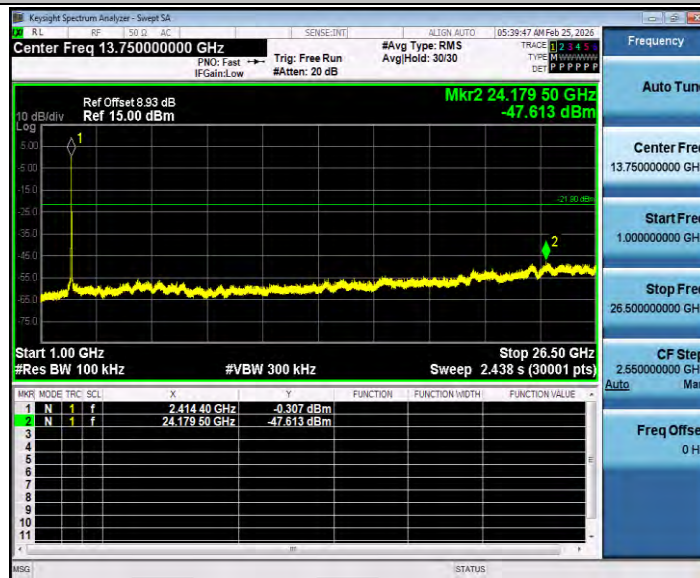
11G_Ant2_2412_0~Reference



11G_Ant2_2412_30~1000



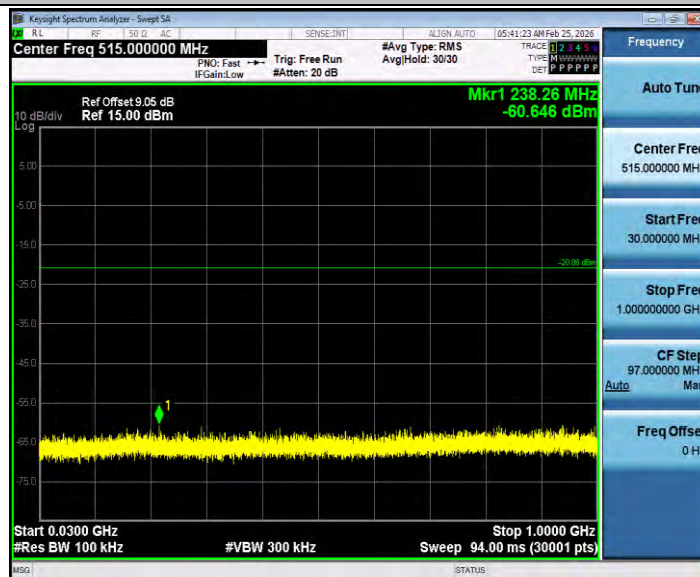
11G_Ant2_2412_1000~26500



11G_Ant2_2437_0~Reference



11G_Ant2_2437_30~1000



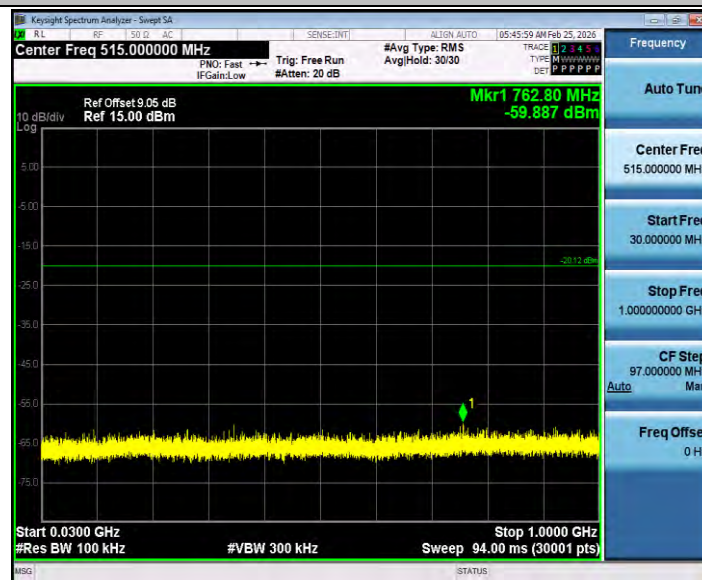
11G_Ant2_2437_1000~26500



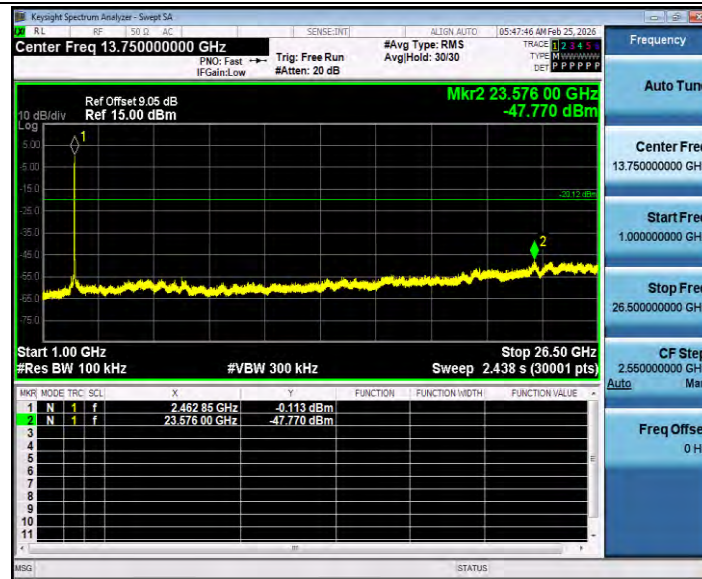
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



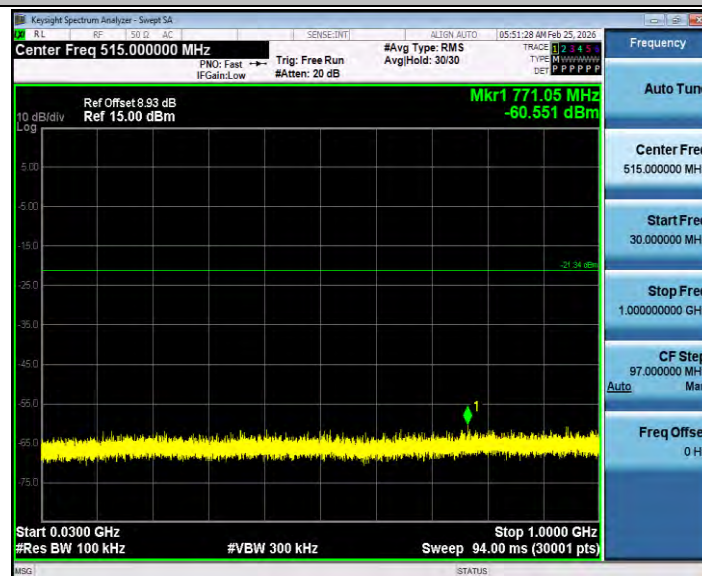
11G_Ant2_2462_1000~26500



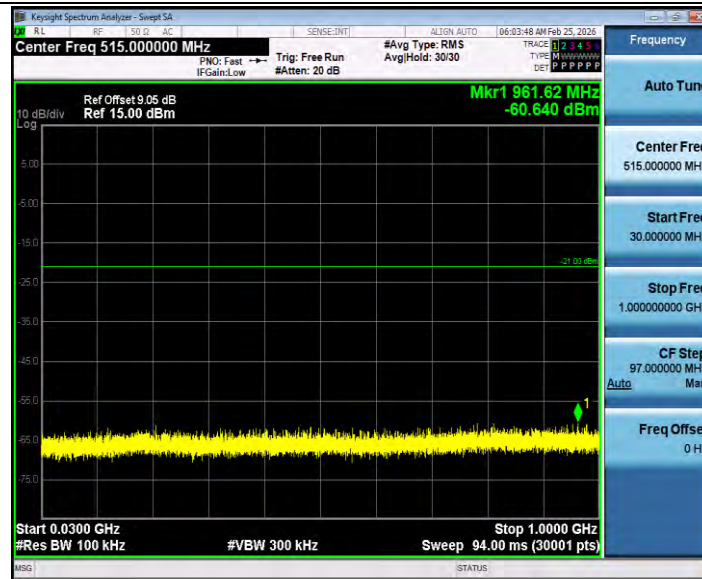
11N20SISO_Ant2_2412_0~Reference



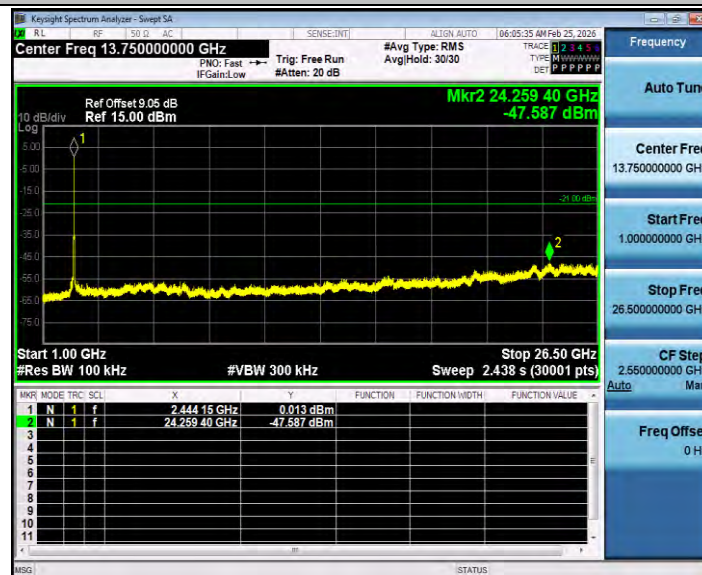
11N20SISO_Ant2_2412_30~1000





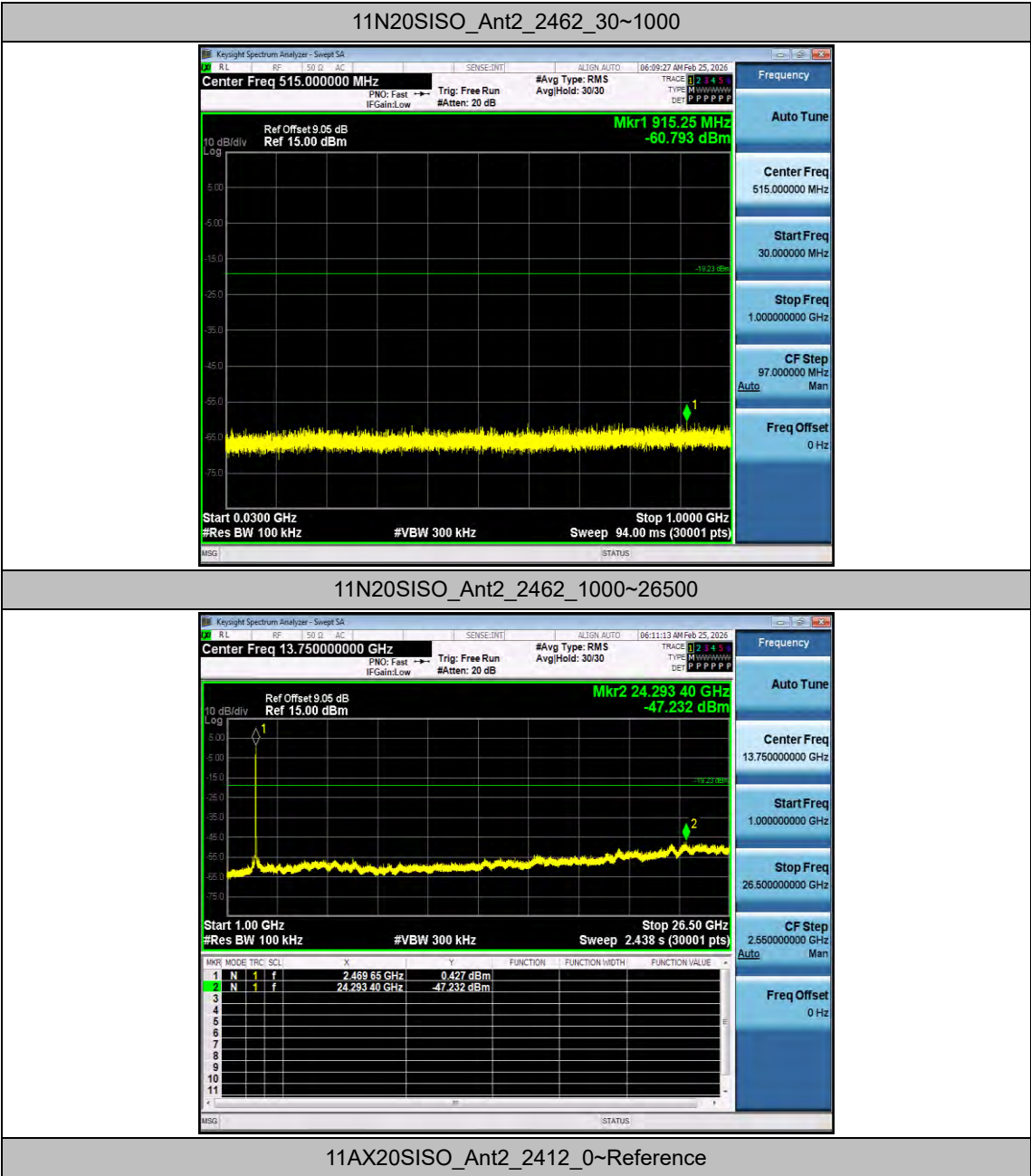


11N20SISO_Ant2_2437_1000~26500



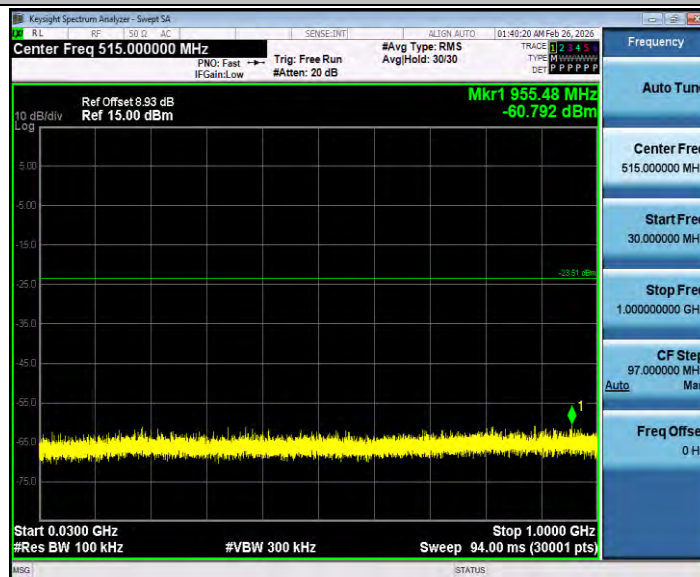
11N20SISO_Ant2_2462_0~Reference







11AX20SISO_Ant2_2412_30~1000



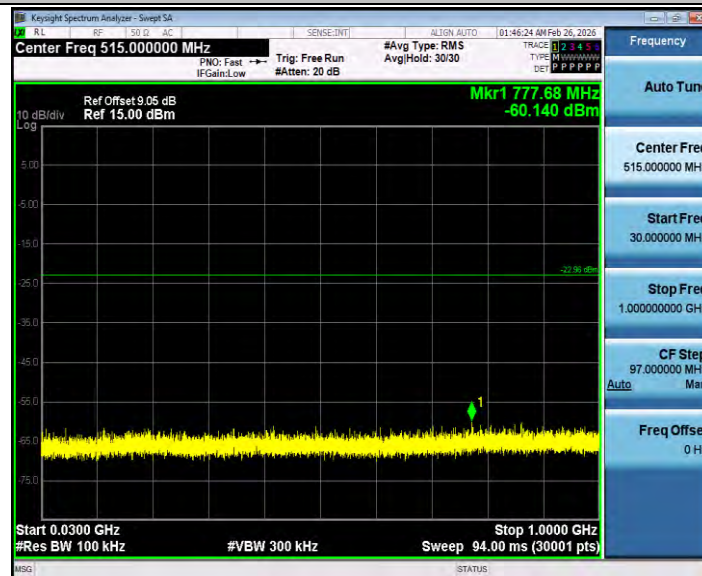
11AX20SISO_Ant2_2412_1000~26500



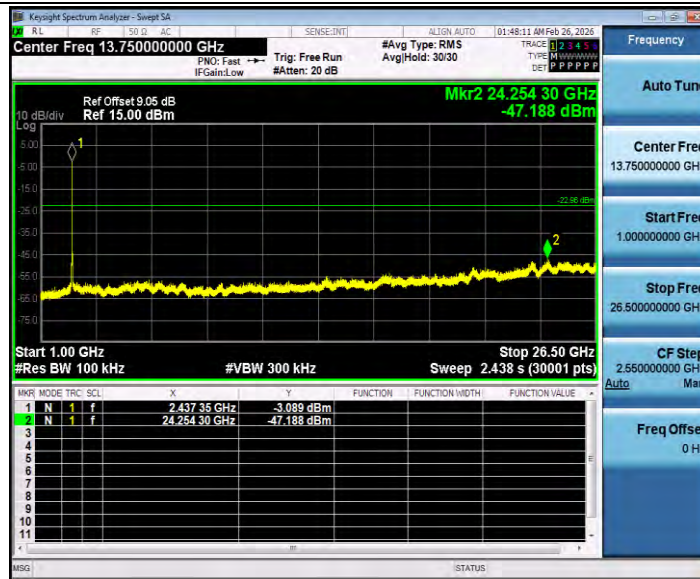
11AX20SISO_Ant2_2437_0~Reference



11AX20SISO_Ant2_2437_30~1000



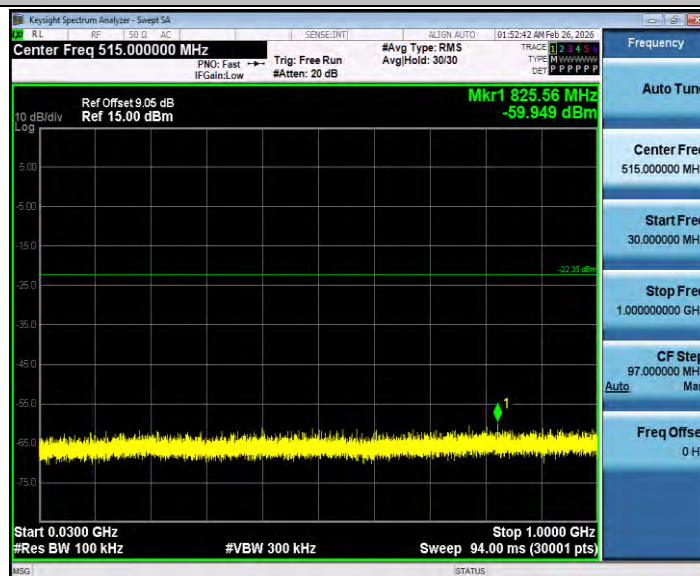
11AX20SISO_Ant2_2437_1000~26500

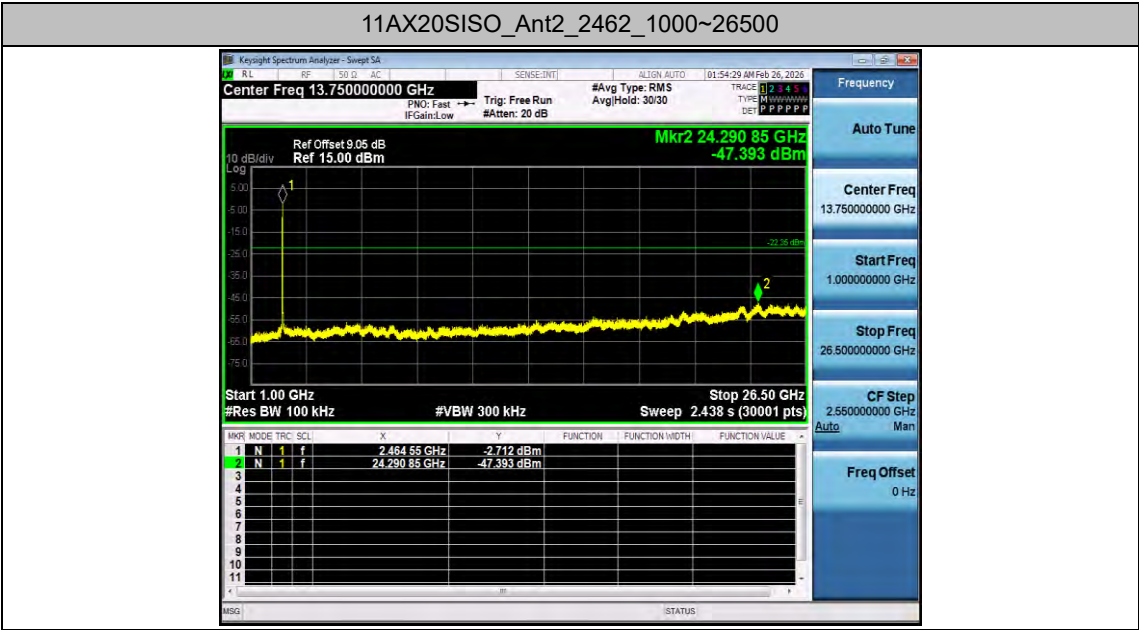


11AX20SISO_Ant2_2462_0~Reference



11AX20SISO_Ant2_2462_30~1000

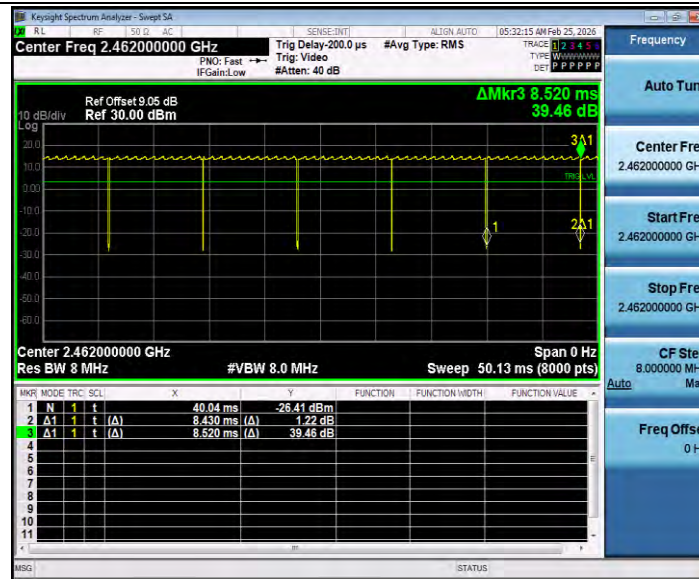




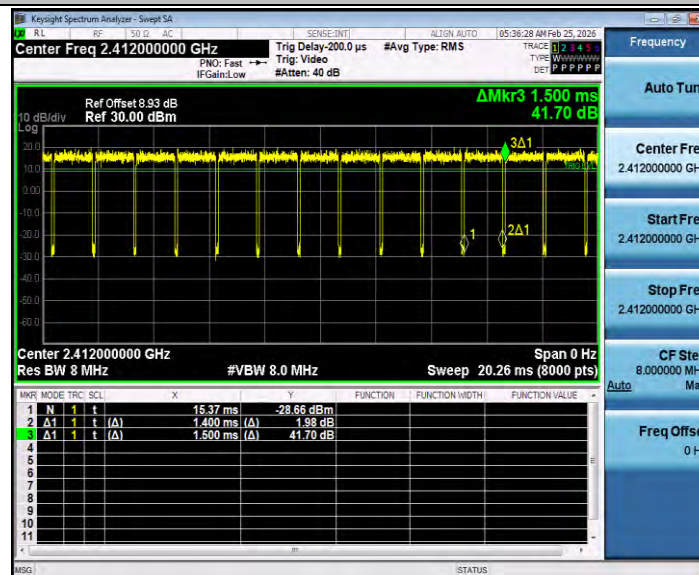
Appendix C.7: Duty Cycle

Test Result

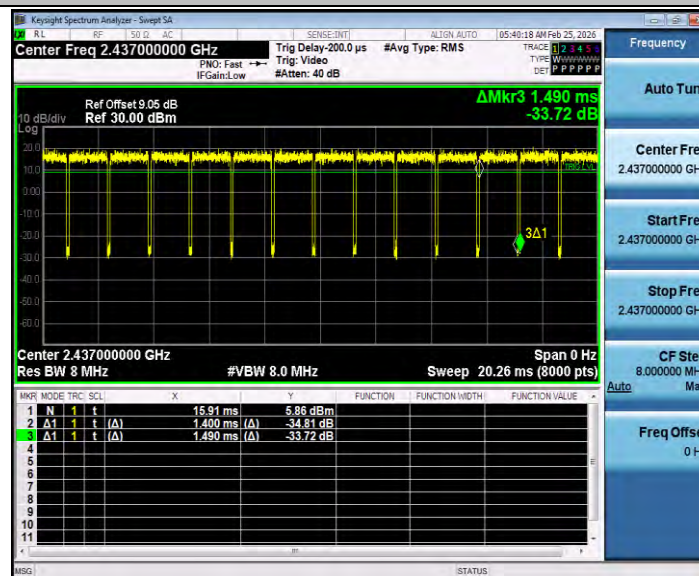
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant2	2412	8.42	8.51	98.94	0.05	0.12
		2437	8.41	8.51	98.82	0.05	0.12
		2462	8.43	8.52	98.94	0.05	0.12
11G	Ant2	2412	1.40	1.50	93.33	0.30	0.71
		2437	1.40	1.49	93.96	0.27	0.71
		2462	1.40	1.50	93.33	0.30	0.71
11N20SISO	Ant2	2412	1.31	1.40	93.57	0.29	0.76
		2437	1.31	1.41	92.91	0.32	0.76
		2462	1.31	1.41	92.91	0.32	0.76
11AX20SISO	Ant2	2412	1.02	1.43	71.33	1.47	0.98
		2437	1.01	1.11	90.99	0.41	0.99
		2462	1.01	1.11	90.99	0.41	0.99

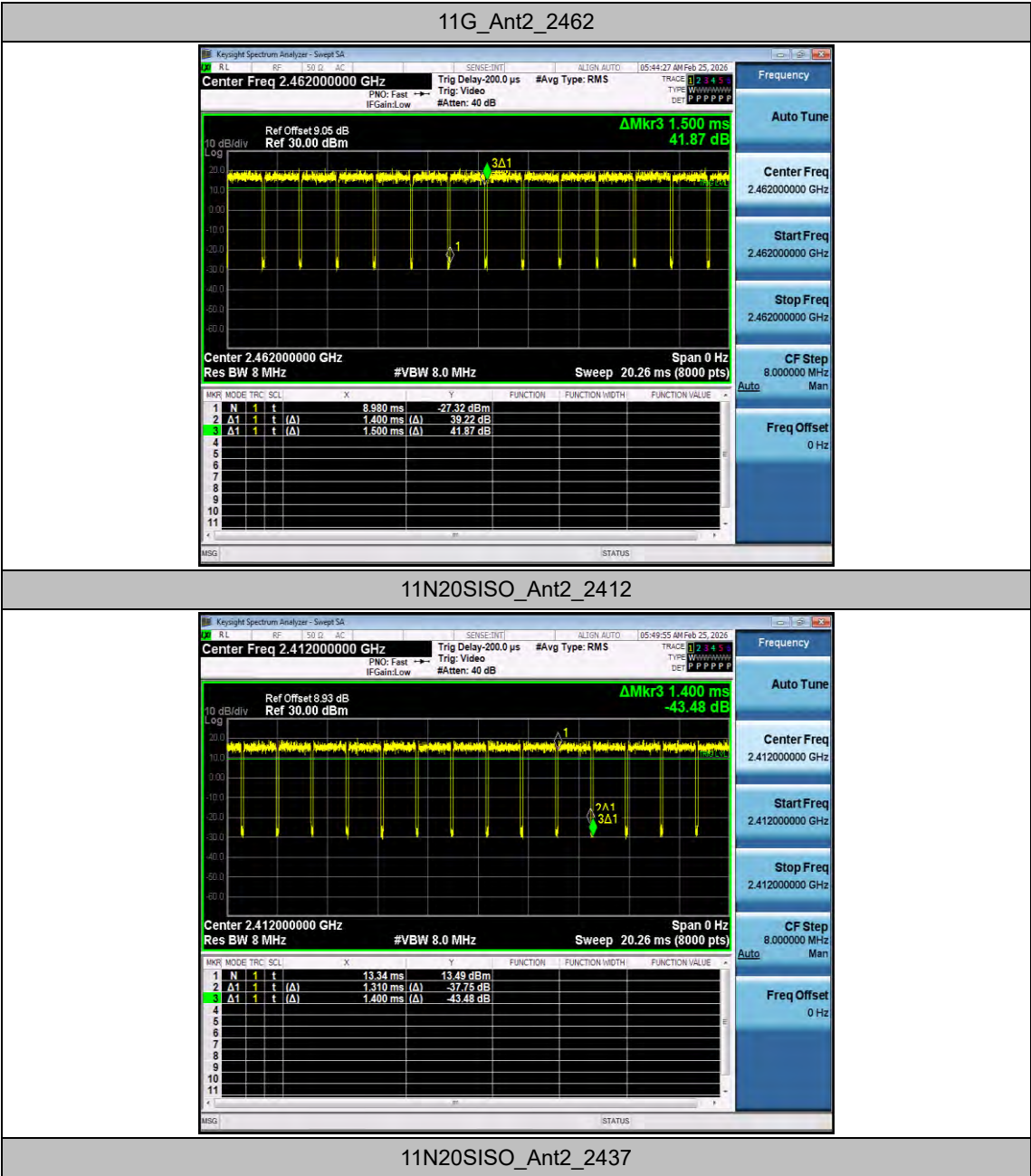


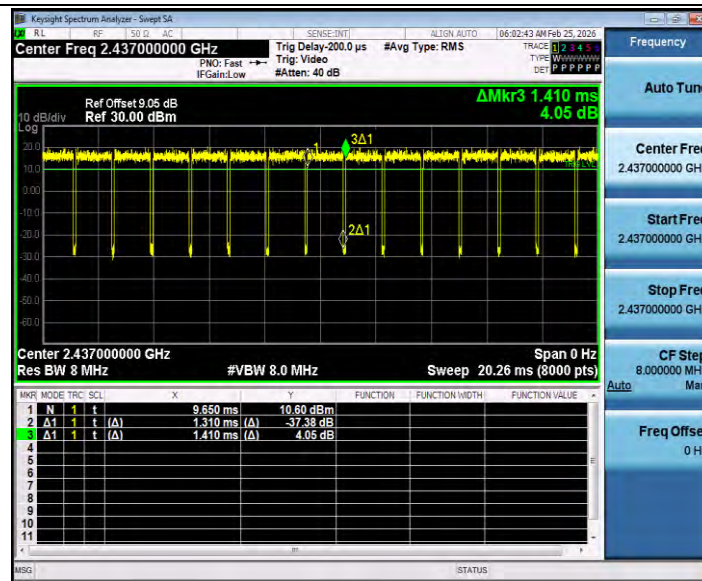
11G_Ant2_2412



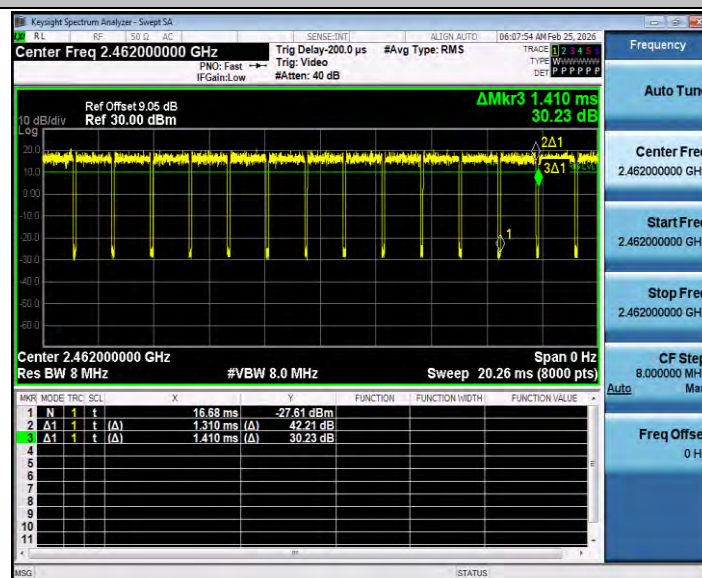
11G_Ant2_2437







11N20SISO_Ant2_2462



11AX20SISO_Ant2_2412

