

Case No. : <u>GTS20251203023-1-03</u>
Ambient Condition: <u>21℃,52%RH,</u>
Test Date: <u>2026.1.22-2026.3.12</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	8.200	2407.880	2416.080	0.5	PASS
		2437	8.240	2432.880	2441.120	0.5	PASS
		2462	8.240	2457.880	2466.120	0.5	PASS
11G	Ant1	2412	16.400	2403.720	2420.120	0.5	PASS
		2437	16.600	2428.680	2445.280	0.5	PASS
		2462	16.400	2453.760	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.000	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.760	2453.120	2470.880	0.5	PASS
11N40SISO	Ant1	2422	36.720	2403.520	2440.240	0.5	PASS
		2437	37.120	2418.440	2455.560	0.5	PASS
		2452	36.400	2433.760	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	19.080	2402.480	2421.560	0.5	PASS
		2437	19.000	2427.480	2446.480	0.5	PASS
		2462	19.040	2452.480	2471.520	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2402.960	2440.880	0.5	PASS
		2437	37.840	2418.280	2456.120	0.5	PASS
		2452	37.440	2433.200	2470.640	0.5	PASS

Test Graphs





11G_Ant1_2412



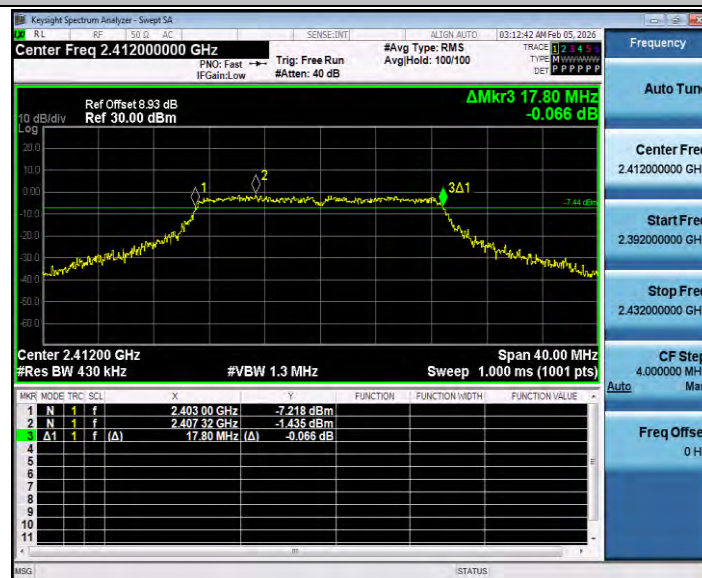
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO Ant1 2437



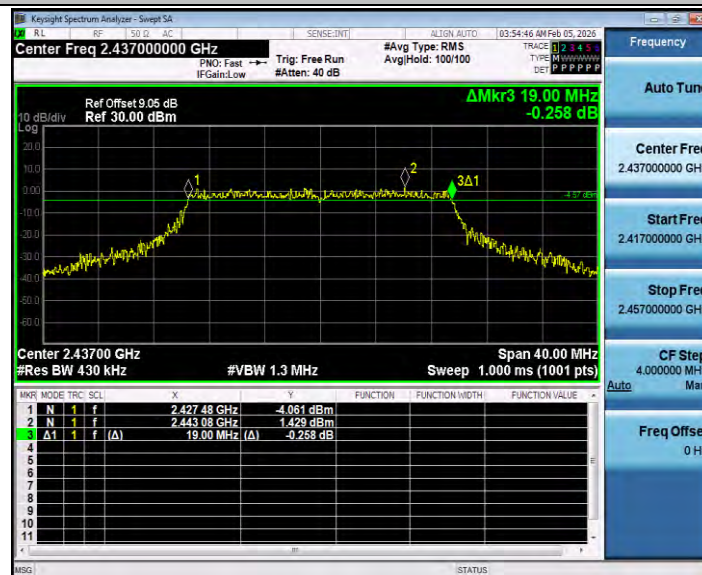
11N40SISO Ant1 2452



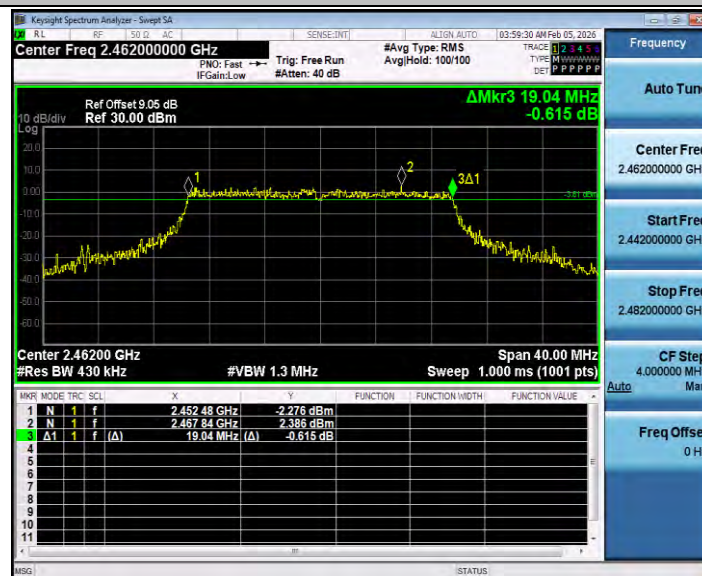
11AX20SISO Ant1 2412

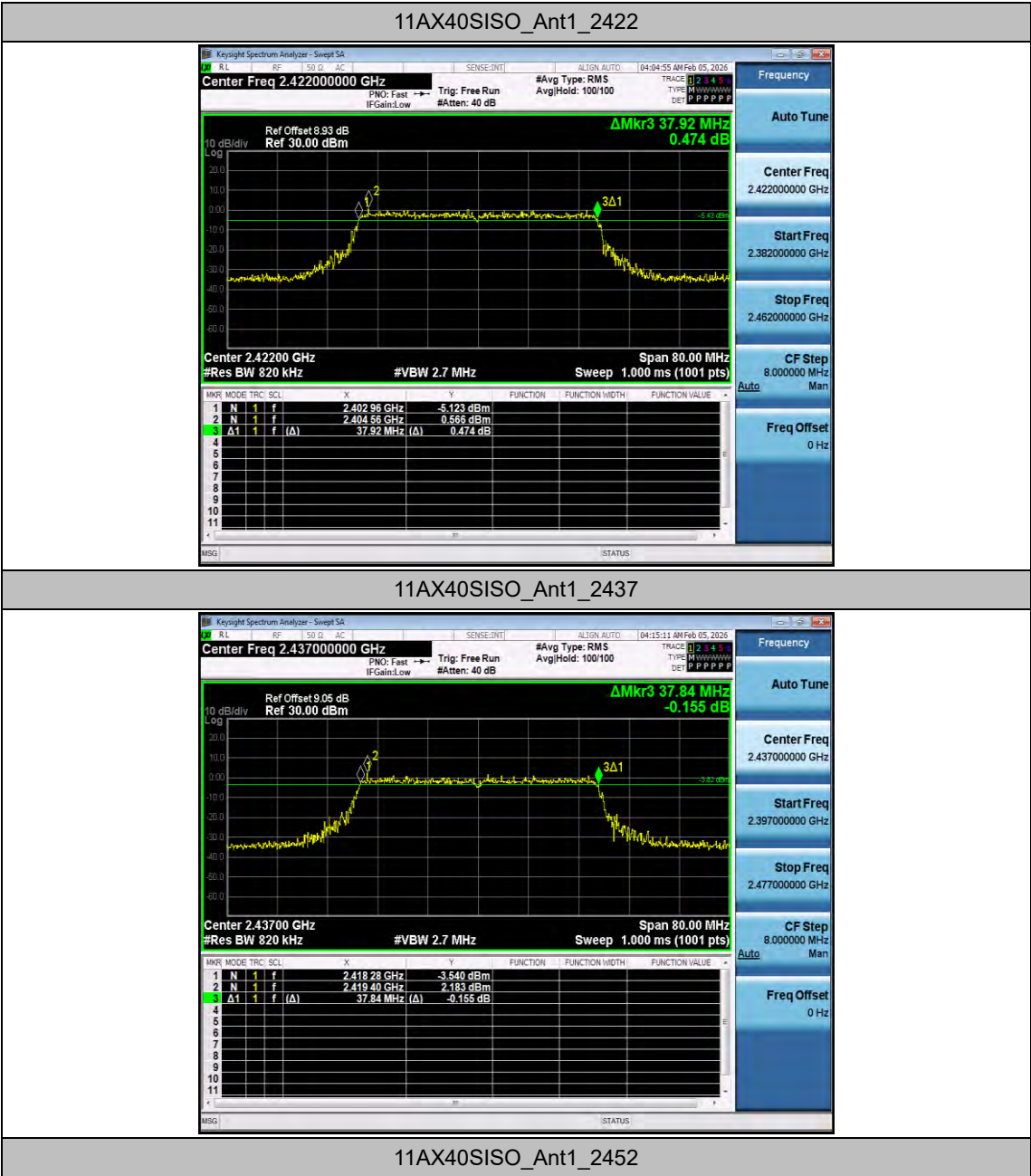


11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



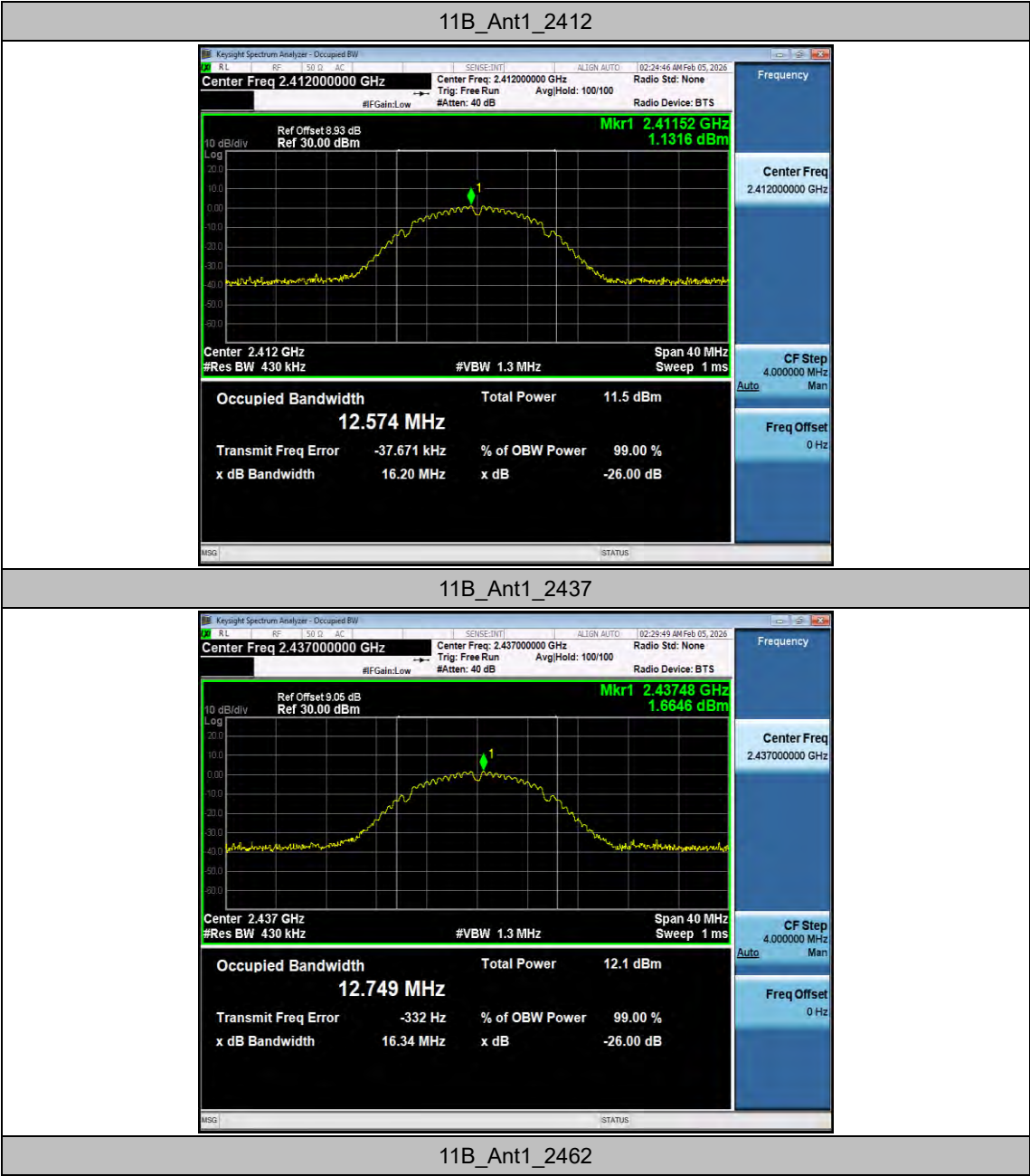


Appendix C.2: Occupied Channel Bandwidth

Test Result

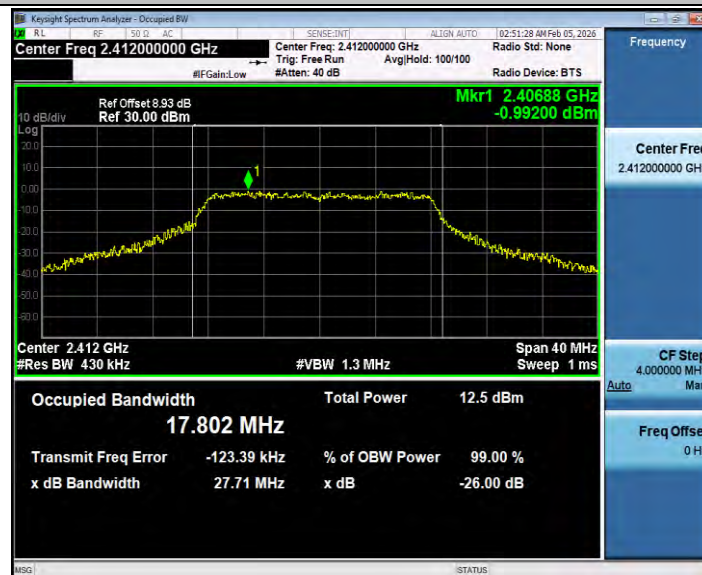
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.574	2405.6753	2418.2493	---	---
		2437	12.749	2430.6252	2443.3742	---	---
		2462	12.829	2455.5637	2468.3927	---	---
11G	Ant1	2412	17.802	2402.9756	2420.7776	---	---
		2437	17.848	2427.9867	2445.8347	---	---
		2462	17.797	2453.0165	2470.8135	---	---
11N20SISO	Ant1	2412	18.951	2402.4552	2421.4062	---	---
		2437	18.864	2427.6089	2446.4729	---	---
		2462	18.923	2452.5173	2471.4403	---	---
11N40SISO	Ant1	2422	37.302	2403.1867	2440.4887	---	---
		2437	37.450	2418.2318	2455.6818	---	---
		2452	37.207	2433.4578	2470.6648	---	---
11AX20SISO	Ant1	2412	19.505	2402.2493	2421.7543	---	---
		2437	19.486	2427.2800	2446.7660	---	---
		2462	19.564	2452.1941	2471.7581	---	---
11AX40SISO	Ant1	2422	38.363	2402.8215	2441.1845	---	---
		2437	38.279	2417.8547	2456.1337	---	---
		2452	38.332	2432.8735	2471.2055	---	---

Test Graphs

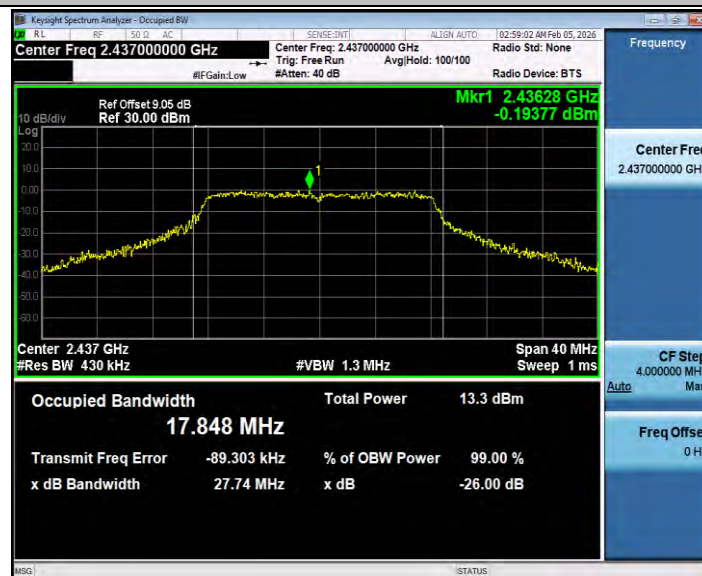




11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



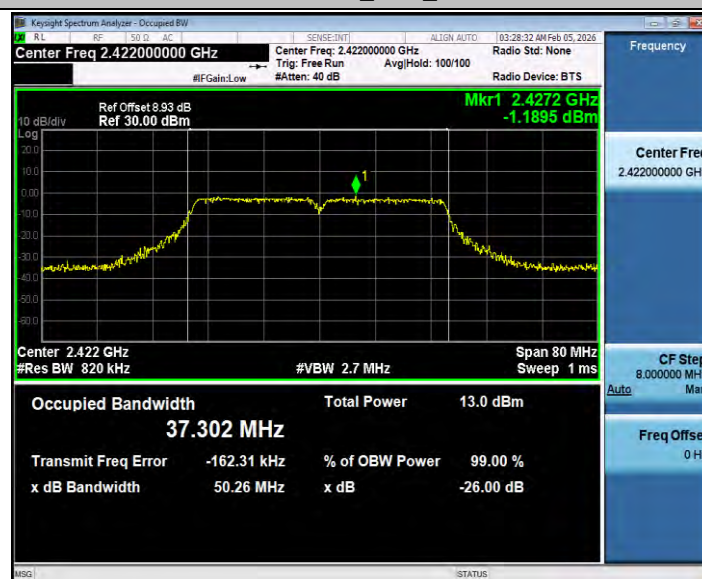
11N20SISO_Ant1_2437



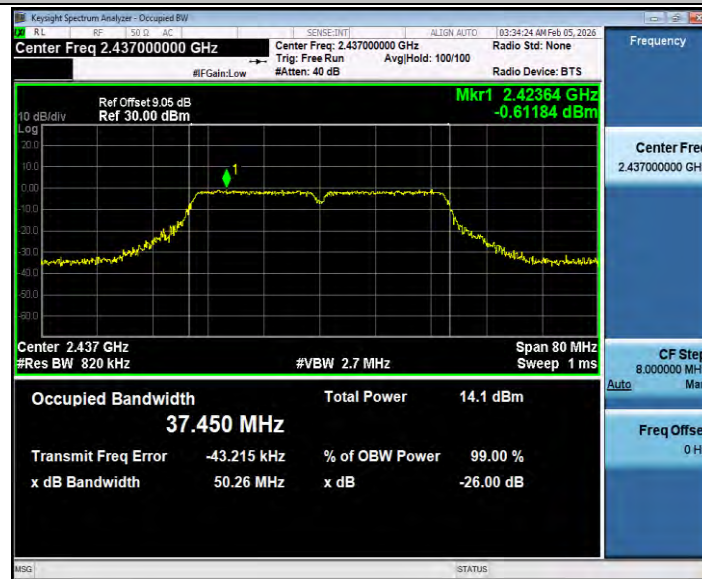
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



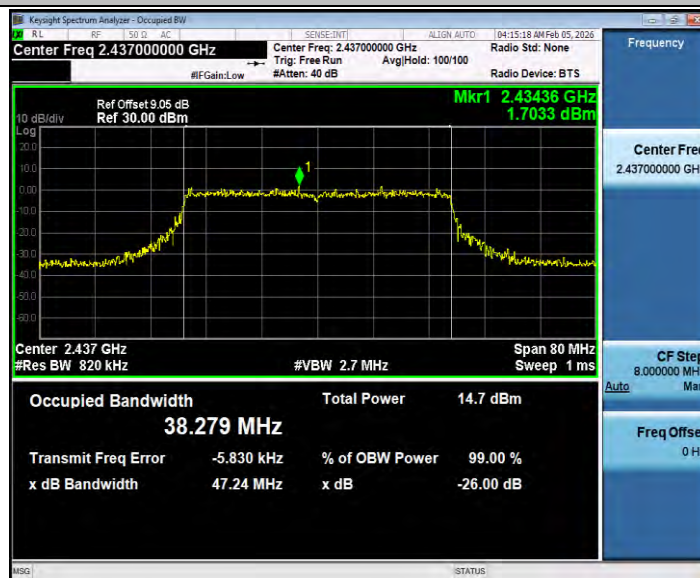
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

TestMode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	11.61	≤30.00	PASS
		2437	12.14	≤30.00	PASS
		2462	12.82	≤30.00	PASS
11G	Ant1	2412	13.60	≤30.00	PASS
		2437	14.45	≤30.00	PASS
		2462	15.22	≤30.00	PASS
11N20SISO	Ant1	2412	13.57	≤30.00	PASS
		2437	14.38	≤30.00	PASS
		2462	15.21	≤30.00	PASS
11N40SISO	Ant1	2422	13.29	≤30.00	PASS
		2437	14.40	≤30.00	PASS
		2452	14.75	≤30.00	PASS
11AX20SISO	Ant1	2412	14.23	≤30.00	PASS
		2437	15.01	≤30.00	PASS
		2462	15.75	≤30.00	PASS
11AX40SISO	Ant1	2422	13.87	≤30.00	PASS
		2437	14.90	≤30.00	PASS
		2452	15.17	≤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	-9.46	≤8.00	PASS
		2437	-3.13	≤8.00	PASS
		2462	1.65	≤8.00	PASS
11G	Ant1	2412	-18.62	≤8.00	PASS
		2437	-18.10	≤8.00	PASS
		2462	-17.20	≤8.00	PASS
11N20SISO	Ant1	2412	-17.22	≤8.00	PASS
		2437	-17.32	≤8.00	PASS
		2462	-16.53	≤8.00	PASS
11N40SISO	Ant1	2422	-22.27	≤8.00	PASS
		2437	-21.07	≤8.00	PASS
		2452	-20.54	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.92	≤8.00	PASS
		2437	-18.30	≤8.00	PASS
		2462	-17.36	≤8.00	PASS
11AX40SISO	Ant1	2422	-22.28	≤8.00	PASS
		2437	-20.78	≤8.00	PASS
		2452	-21.72	≤8.00	PASS

Test Graphs

11B_Ant1_2412



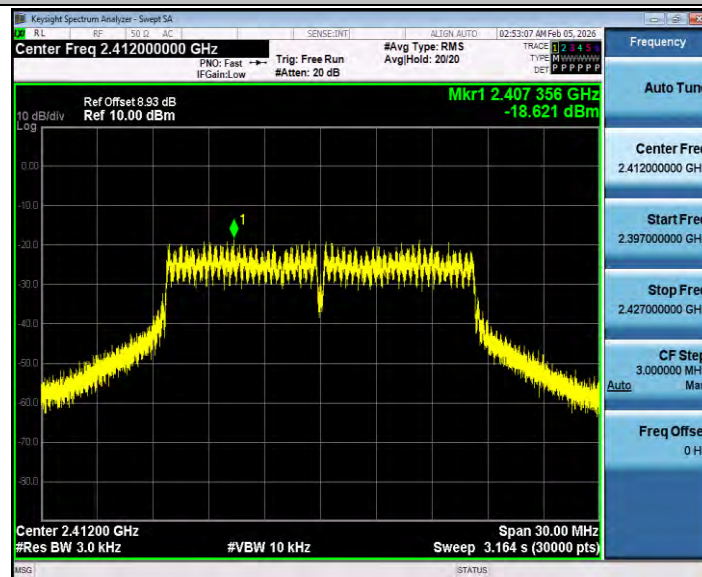
11B_Ant1_2437



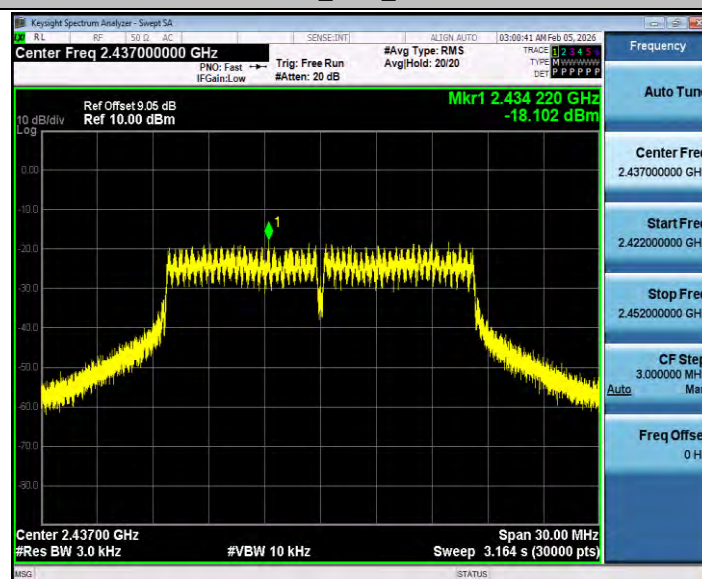
11B_Ant1_2462



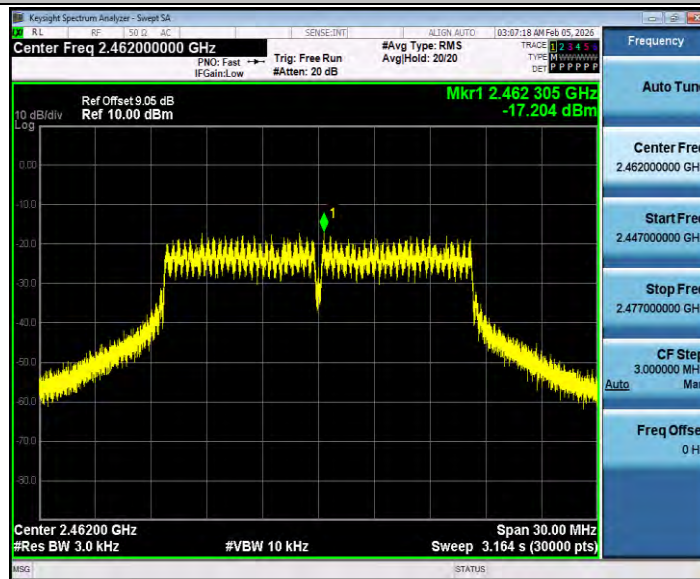
11G_Ant1_2412



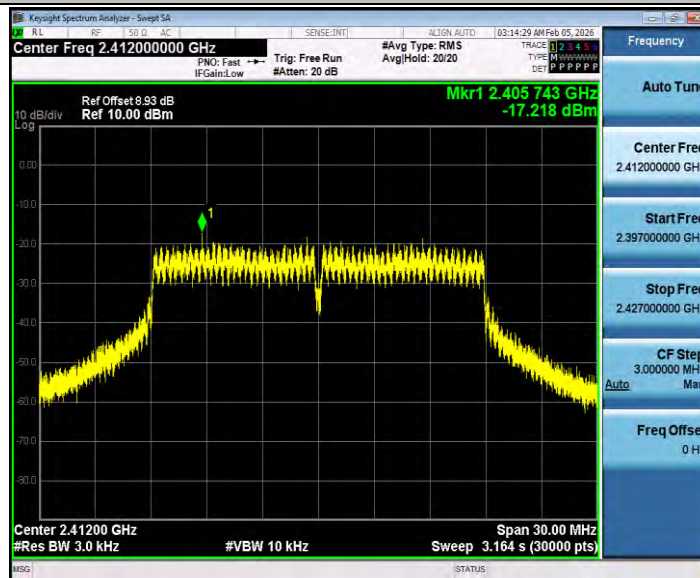
11G_Ant1_2437



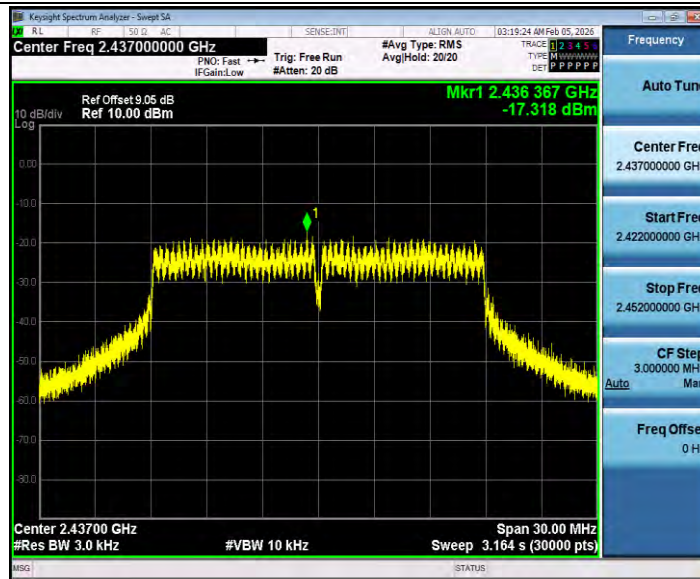
11G_Ant1_2462



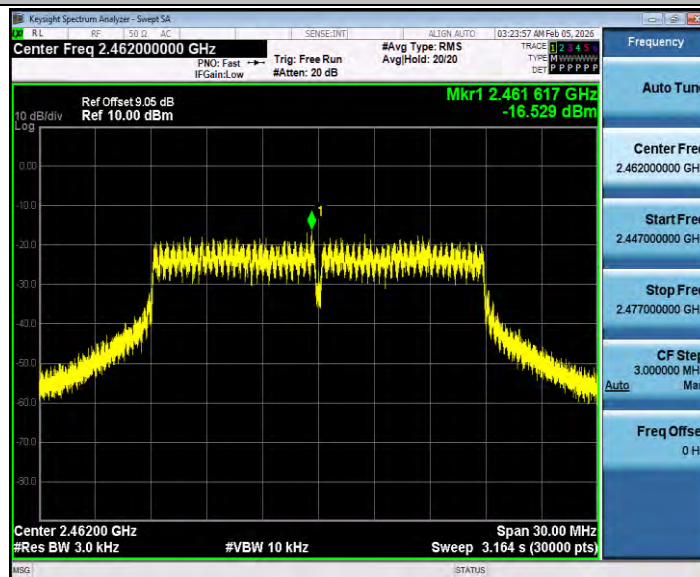
11N20SISO_Ant1_2412



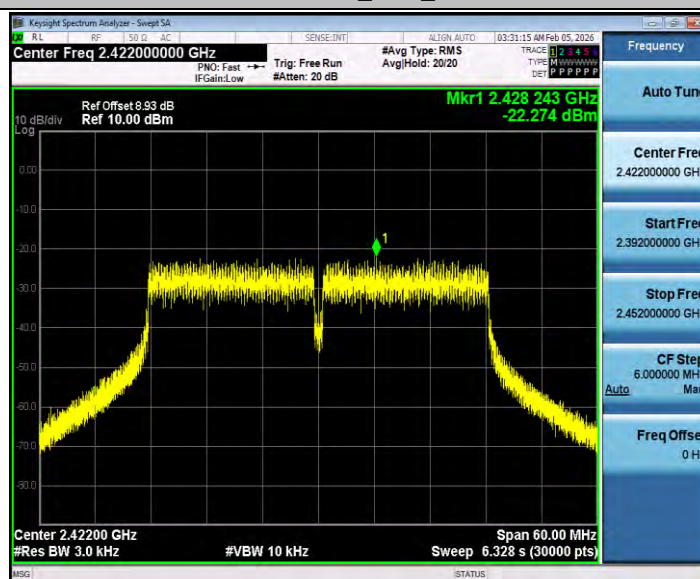
11N20SISO_Ant1_2437



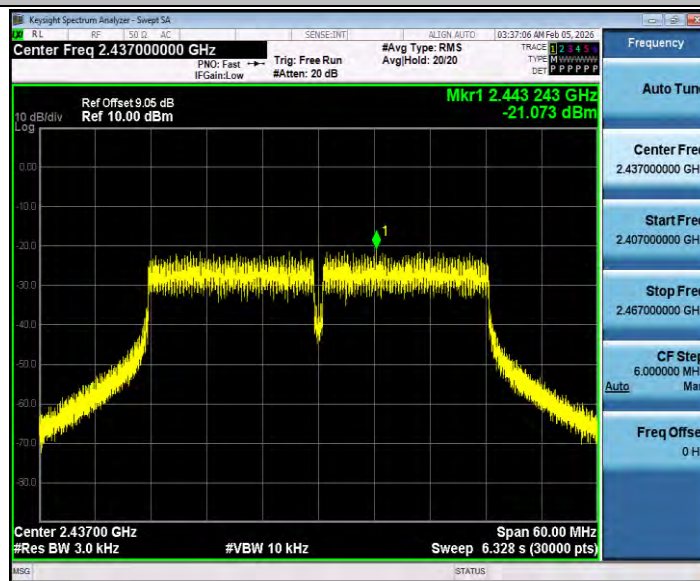
11N20SISO_Ant1_2462



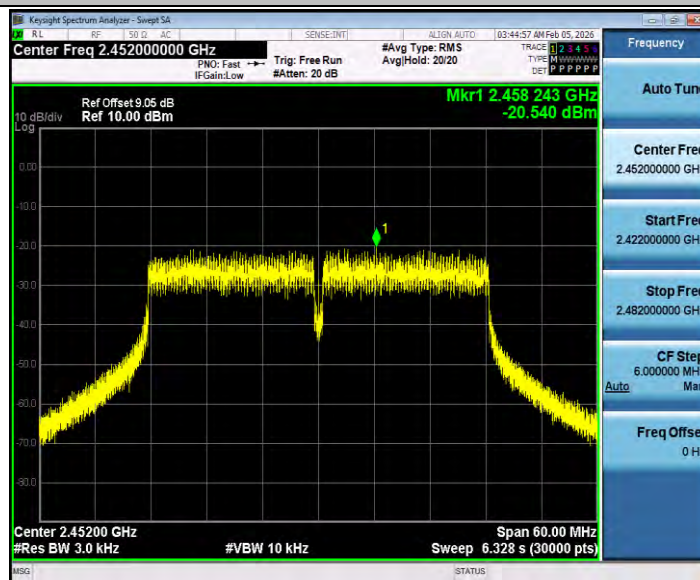
11N40SISO_Ant1_2422



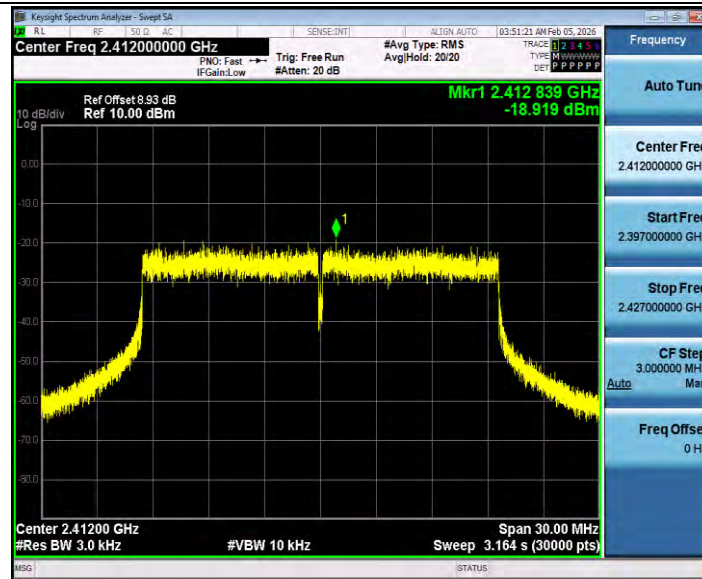
11N40SISO_Ant1_2437



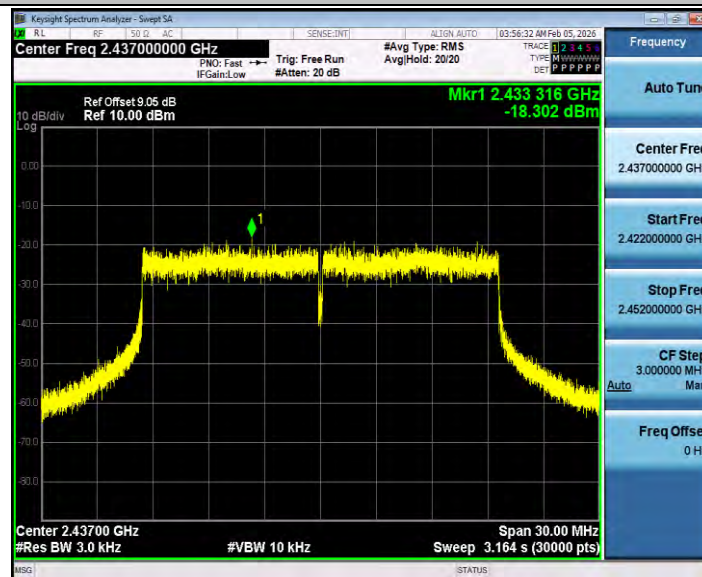
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20ISO_Ant1_2437



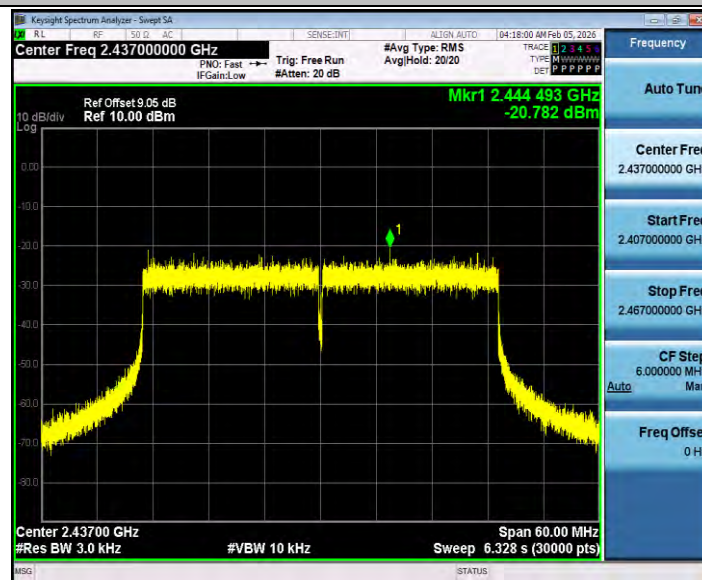
11AX20ISO_Ant1_2462



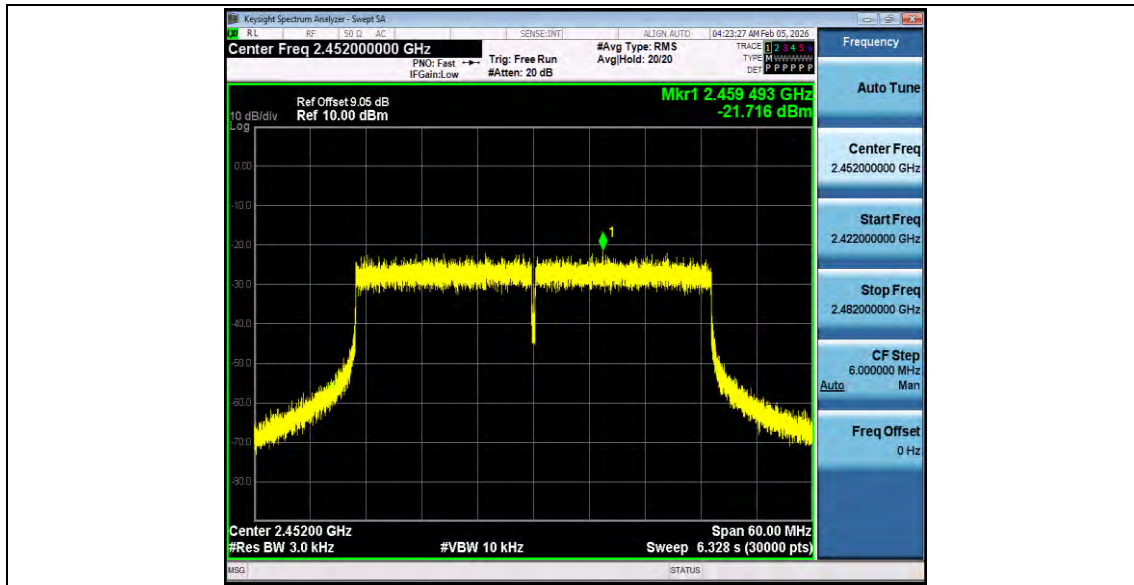
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



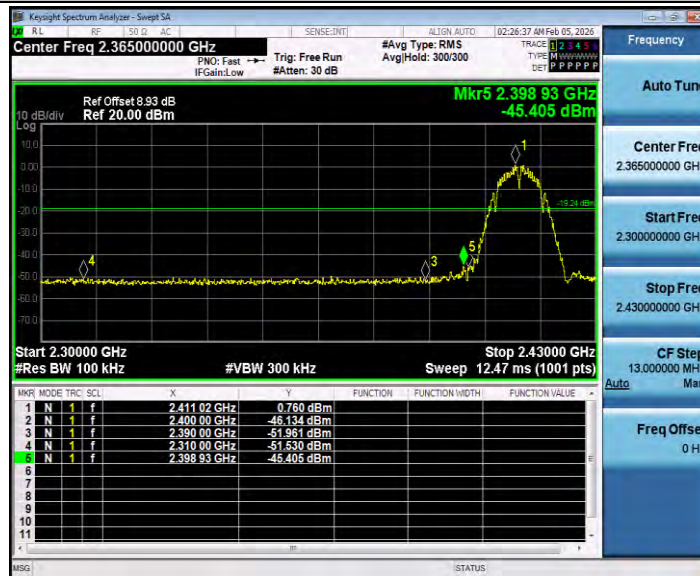
Appendix C.5:Band edge measurements

Test Result

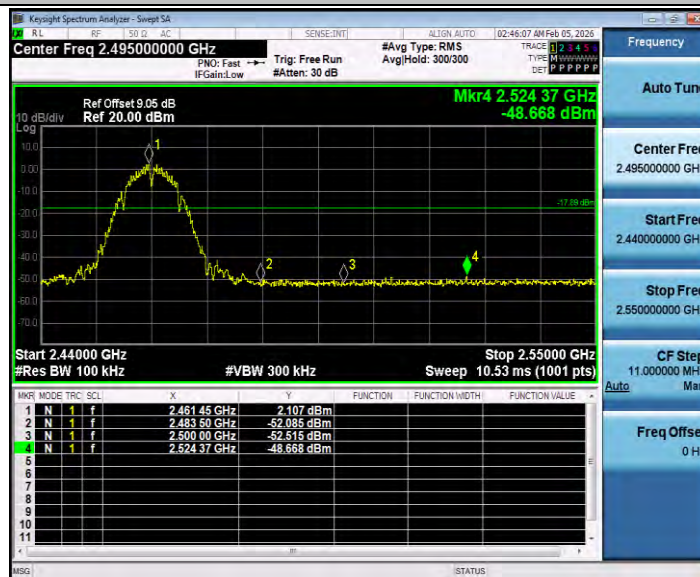
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.76	-45.41	≤-19.24	PASS
		High	2462	2.11	-48.67	≤-17.89	PASS
11G	Ant1	Low	2412	-4.50	-33.26	≤-24.5	PASS
		High	2462	-2.99	-46.25	≤-22.99	PASS
11N20SISO	Ant1	Low	2412	-4.77	-32.07	≤-24.77	PASS
		High	2462	-3.06	-45.7	≤-23.06	PASS
11N40SISO	Ant1	Low	2422	-8.07	-36.26	≤-28.07	PASS
		High	2452	-6.67	-45.89	≤-26.67	PASS
11AX20SISO	Ant1	Low	2412	-4.54	-31.14	≤-24.54	PASS
		High	2462	-3.12	-45.52	≤-23.12	PASS
11AX40SISO	Ant1	Low	2422	-8.09	-35.79	≤-28.09	PASS
		High	2452	-6.86	-44.4	≤-26.86	PASS

Test Graphs

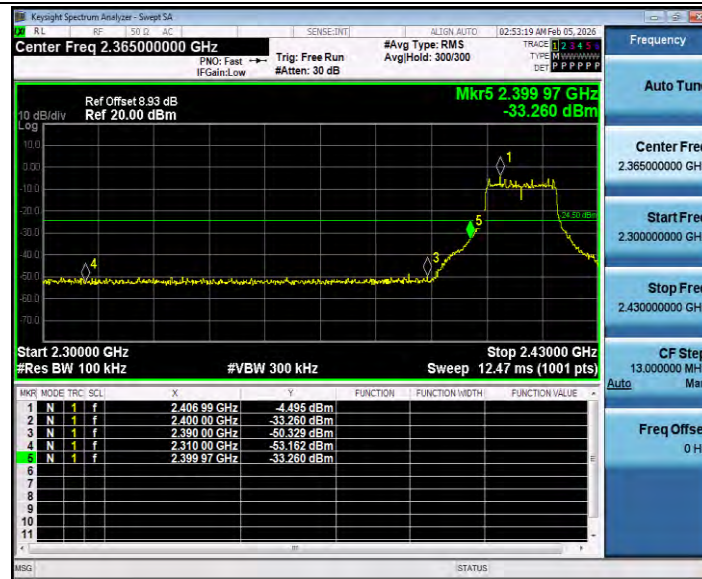
11B_Ant1_Low_2412



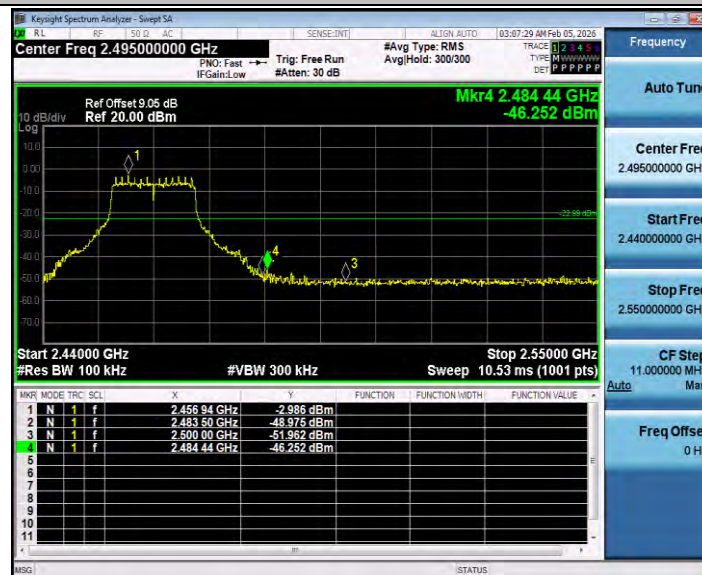
11B_Ant1_High_2462



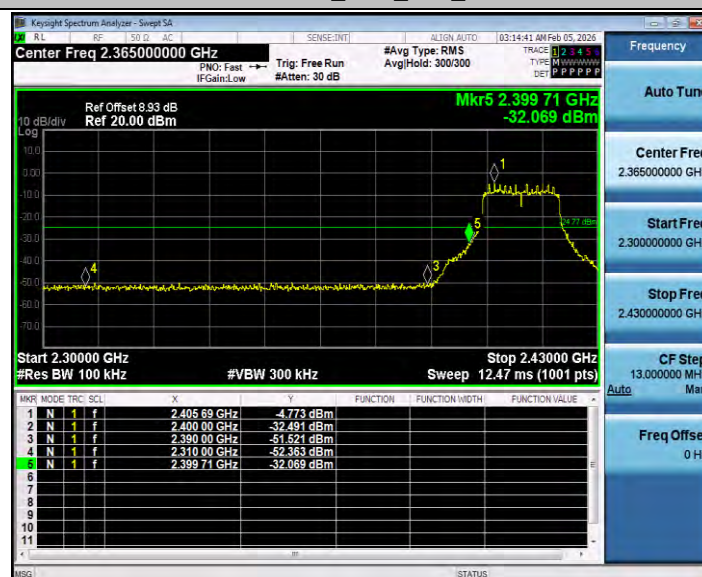
11G_Ant1_Low_2412



11G_Ant1_High_2462



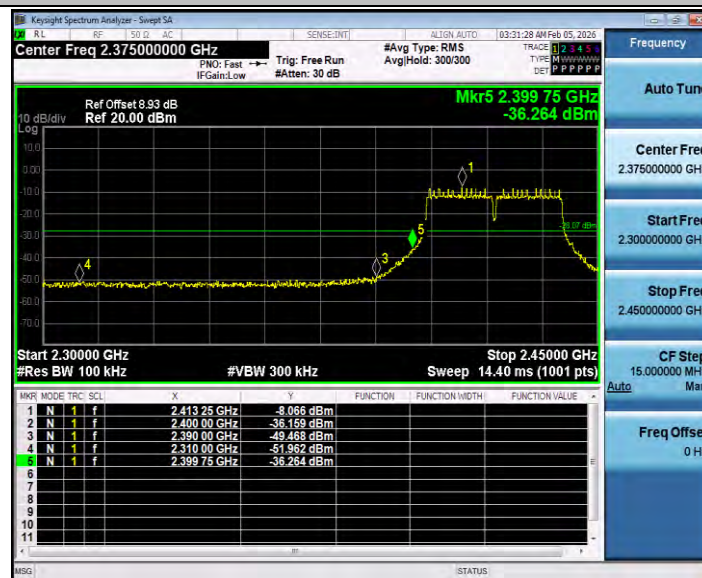
11N20SISO_Ant1_Low_2412



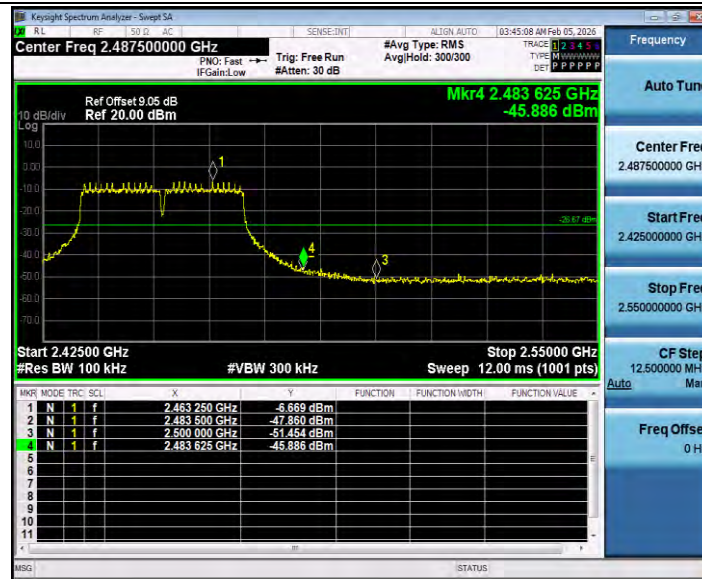
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



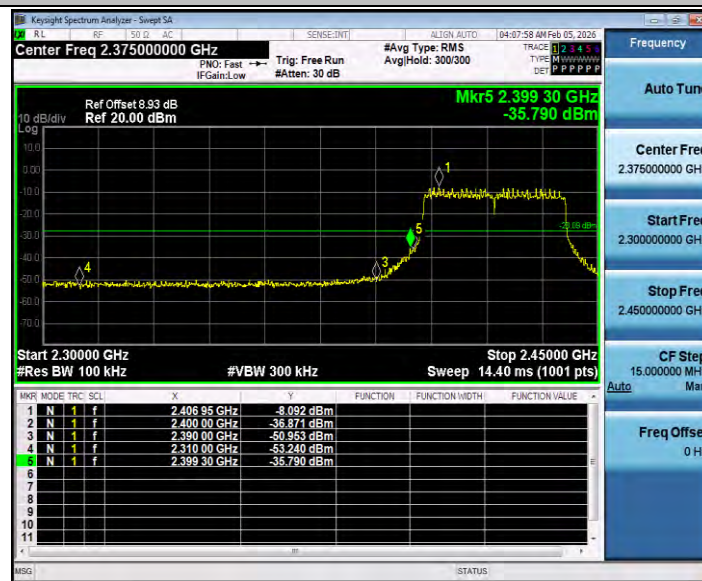
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

