

Case No. : <u>GTS20251226016-2-13</u>
Ambient Condition: <u>24 °C, 58%RH,</u>
Test Date: <u>2026.4.23-2026.6.6</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	8.240	2407.880	2416.120	0.5	PASS
		2437	8.240	2432.840	2441.080	0.5	PASS
		2462	8.200	2457.880	2466.080	0.5	PASS
11G	Ant1	2412	16.560	2403.680	2420.240	0.5	PASS
		2437	16.640	2428.640	2445.280	0.5	PASS
		2462	16.520	2453.720	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.920	2403.040	2420.960	0.5	PASS
		2437	17.760	2428.080	2445.840	0.5	PASS
		2462	17.800	2453.040	2470.840	0.5	PASS
11N40SISO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
		2437	36.560	2418.600	2455.160	0.5	PASS
		2452	36.640	2433.680	2470.320	0.5	PASS
11AX20SISO	Ant1	2412	19.120	2402.440	2421.560	0.5	PASS
		2437	19.080	2427.400	2446.480	0.5	PASS
		2462	19.040	2452.480	2471.520	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2403.120	2441.040	0.5	PASS
		2437	38.320	2417.800	2456.120	0.5	PASS
		2452	38.160	2432.880	2471.040	0.5	PASS



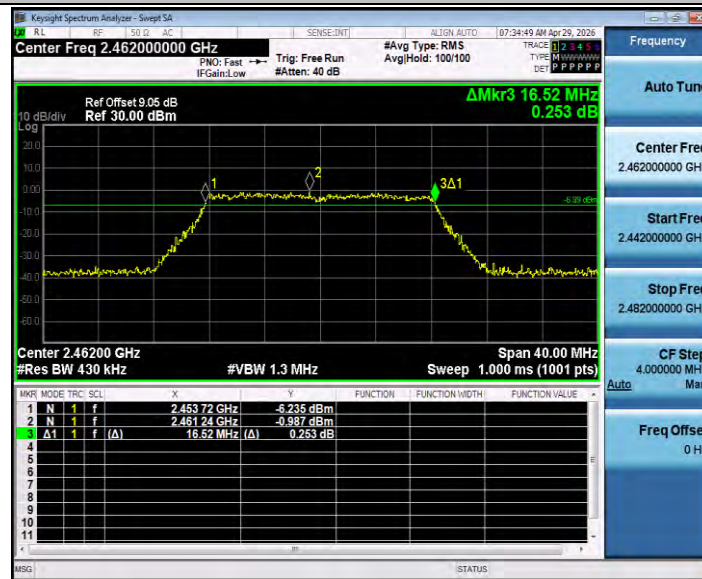
11G_Ant1_2412



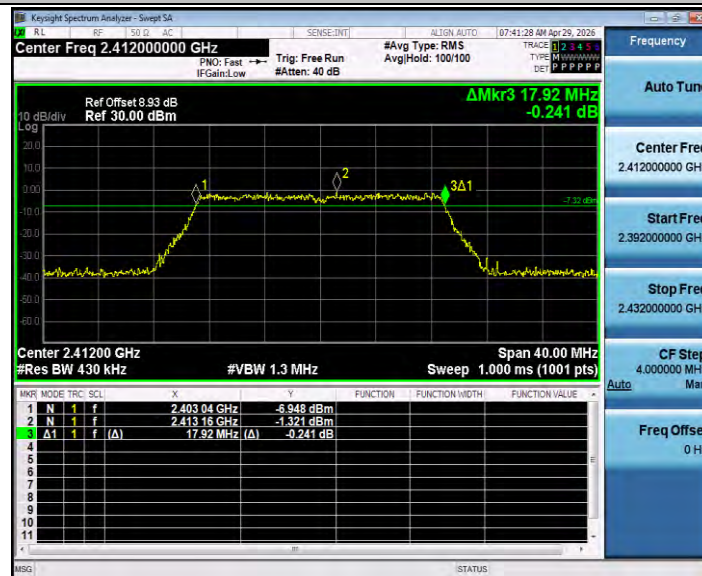
11G_Ant1_2437



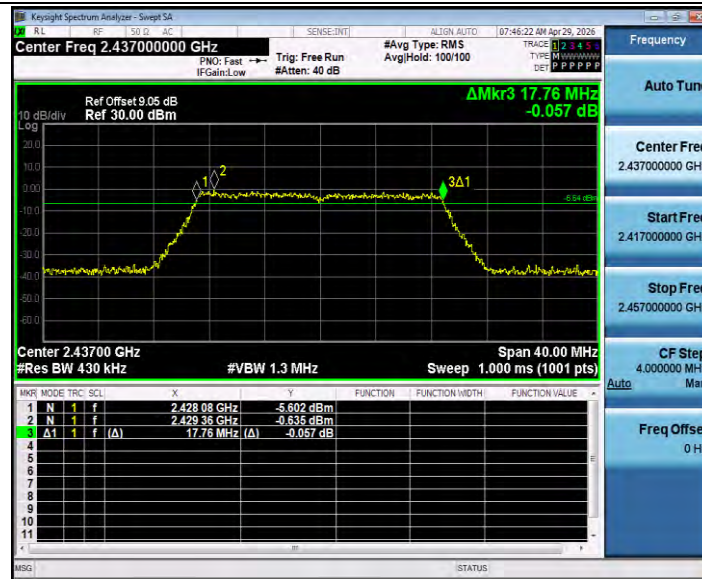
11G_Ant1_2462



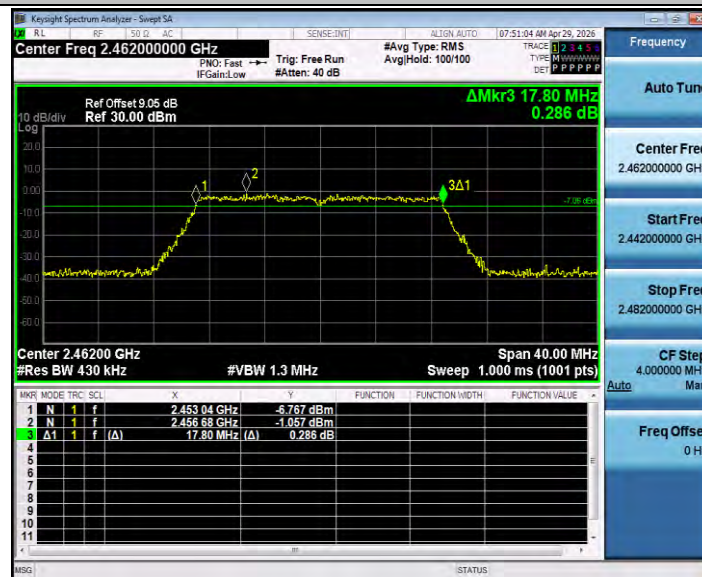
11N20SISO_Ant1_2412



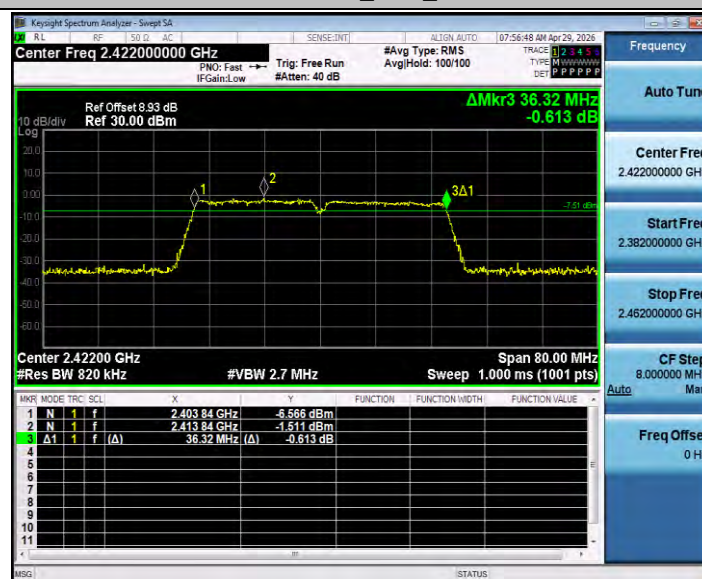
11N20SISO_Ant1_2437



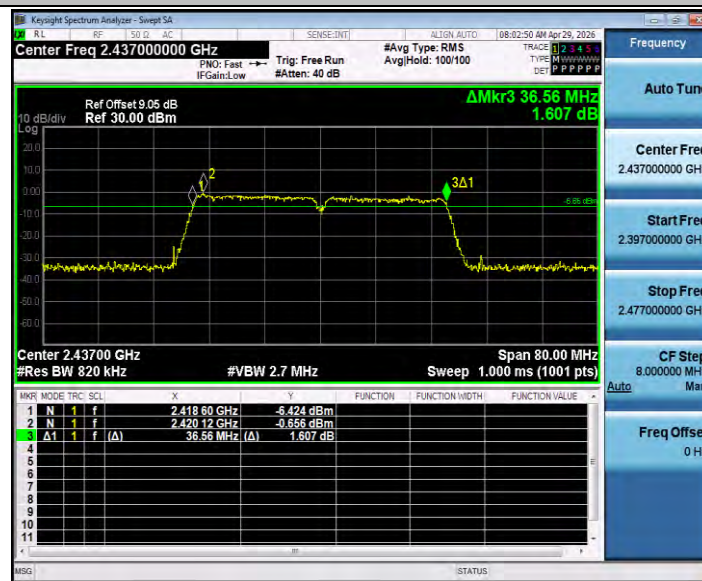
11N20SISO_Ant1_2462



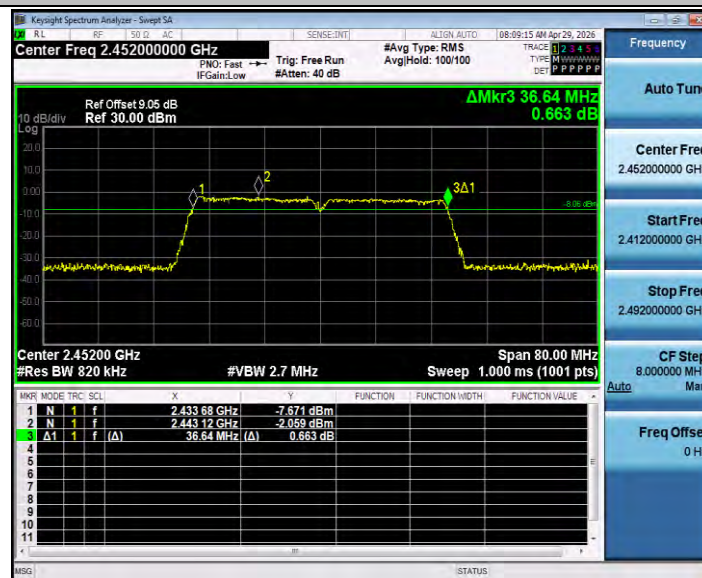
11N40SISO_Ant1_2422



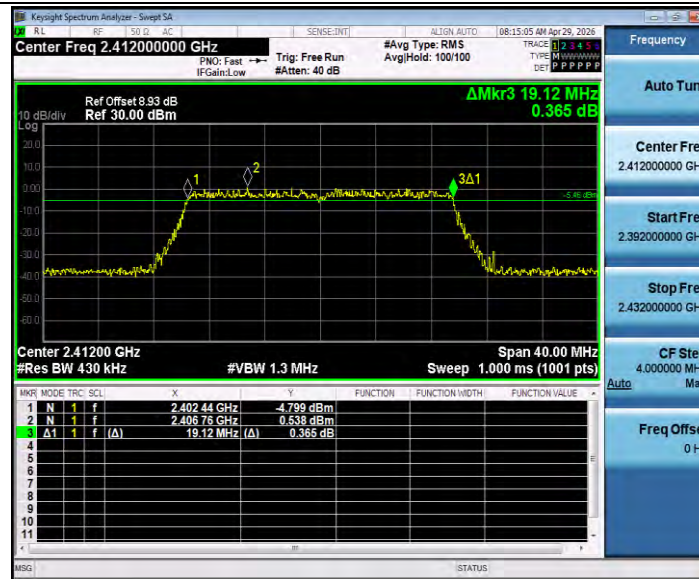
11N40SISO_Ant1_2437



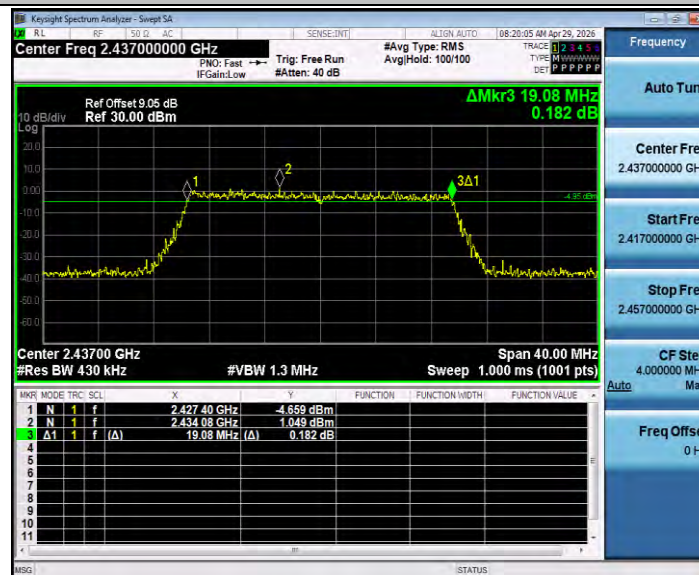
11N40SISO_Ant1_2452



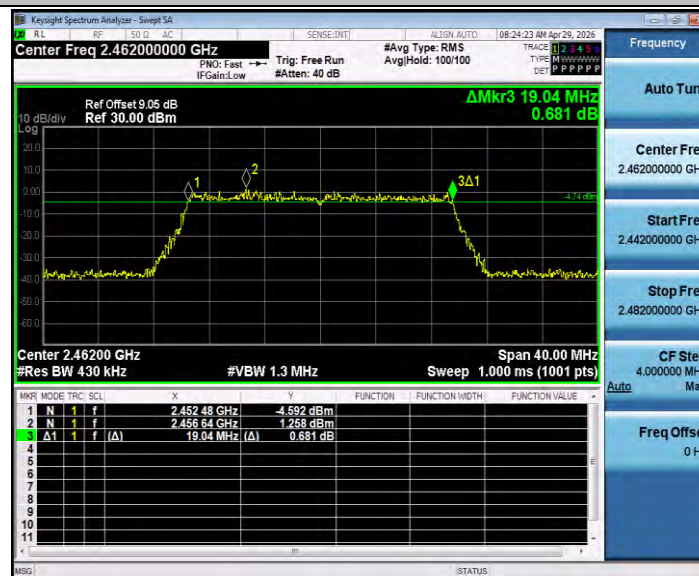
11AX20SISO_Ant1_2412



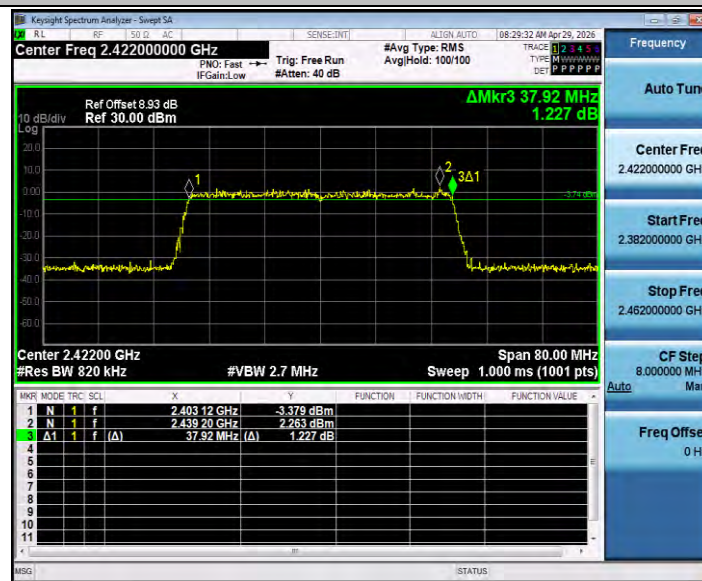
11AX20SISO_Ant1_2437



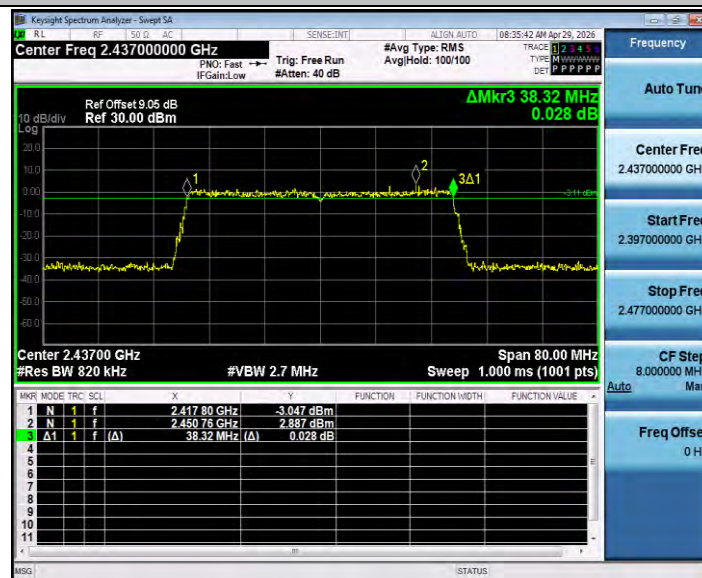
11AX20SISO_Ant1_2462



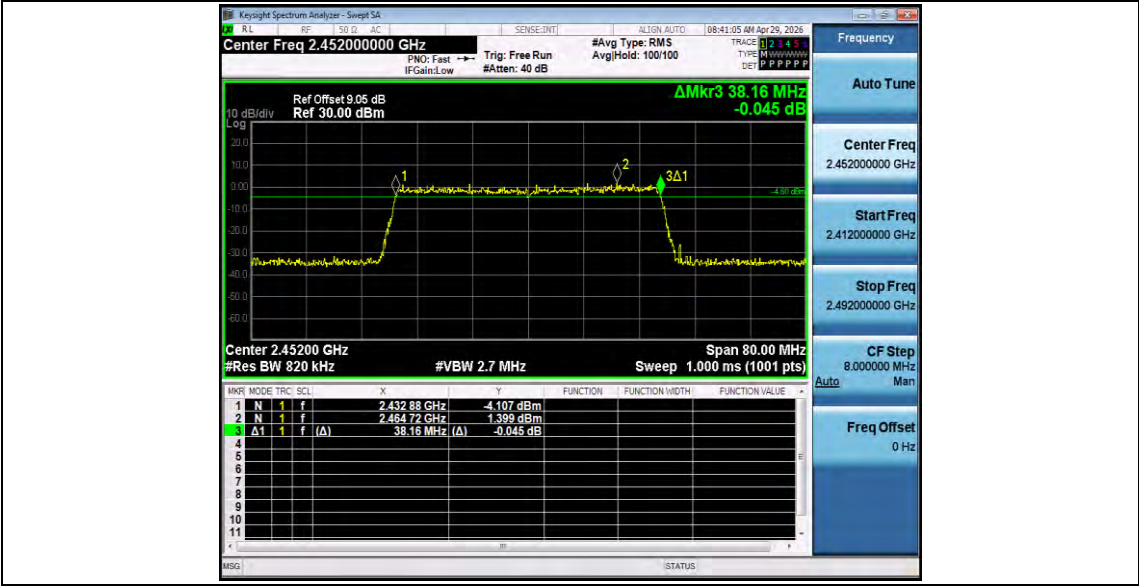
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



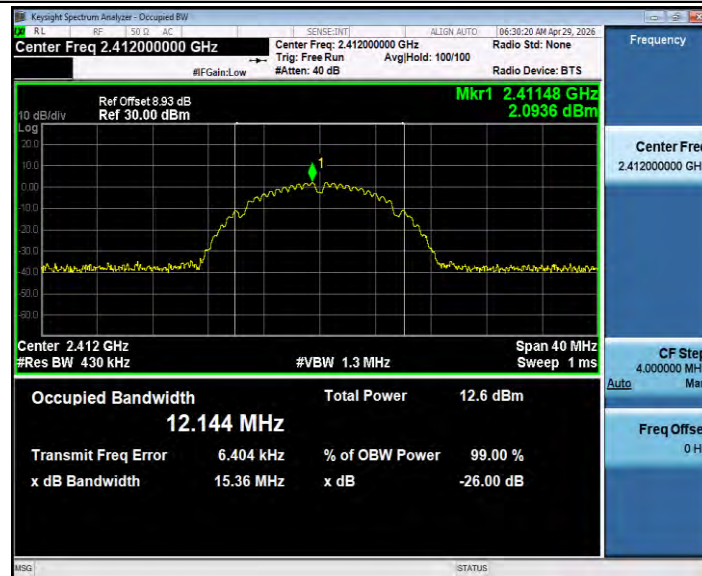
Appendix C.2: Occupied Channel Bandwidth

Test Result

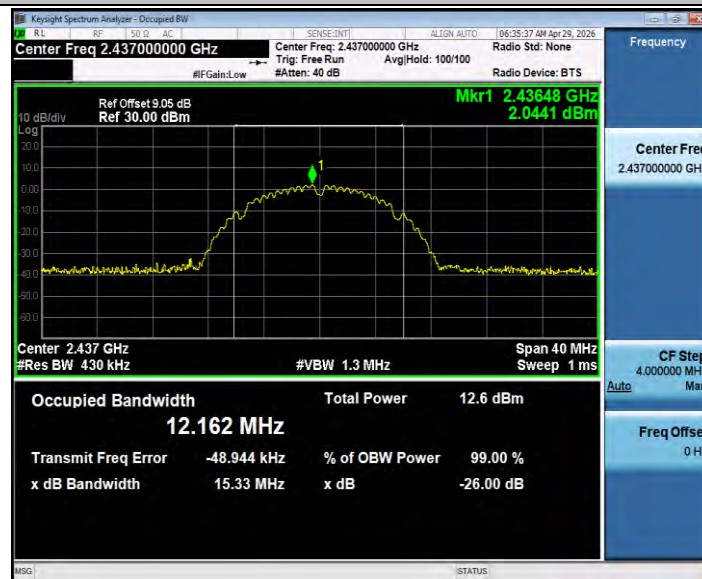
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.144	2405.9344	2418.0784	---	---
		2437	12.162	2430.8701	2443.0321	---	---
		2462	12.150	2455.8979	2468.0479	---	---
11G	Ant1	2412	17.194	2403.4020	2420.5960	---	---
		2437	17.216	2428.3538	2445.5698	---	---
		2462	17.214	2453.3565	2470.5705	---	---
11N20SISO	Ant1	2412	18.244	2402.9039	2421.1479	---	---
		2437	18.244	2427.8166	2446.0606	---	---
		2462	18.235	2452.8491	2471.0841	---	---
11N40SISO	Ant1	2422	36.635	2403.6746	2440.3096	---	---
		2437	36.620	2418.6026	2455.2226	---	---
		2452	36.718	2433.6031	2470.3211	---	---
11AX20SISO	Ant1	2412	19.326	2402.3580	2421.6840	---	---
		2437	19.432	2427.2196	2446.6516	---	---
		2462	19.195	2452.3849	2471.5799	---	---
11AX40SISO	Ant1	2422	38.049	2402.9751	2441.0241	---	---
		2437	38.177	2417.9612	2456.1382	---	---
		2452	38.108	2432.9913	2471.0993	---	---

Test Graphs

11B_Ant1_2412



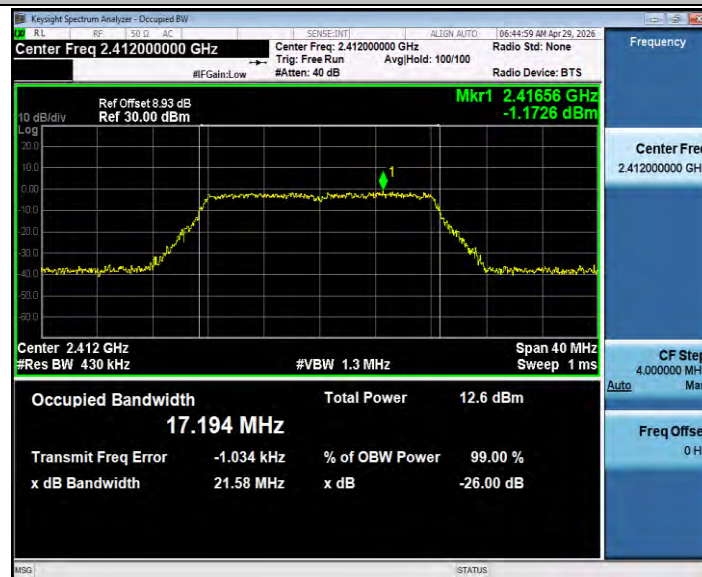
11B_Ant1_2437



11B_Ant1_2462



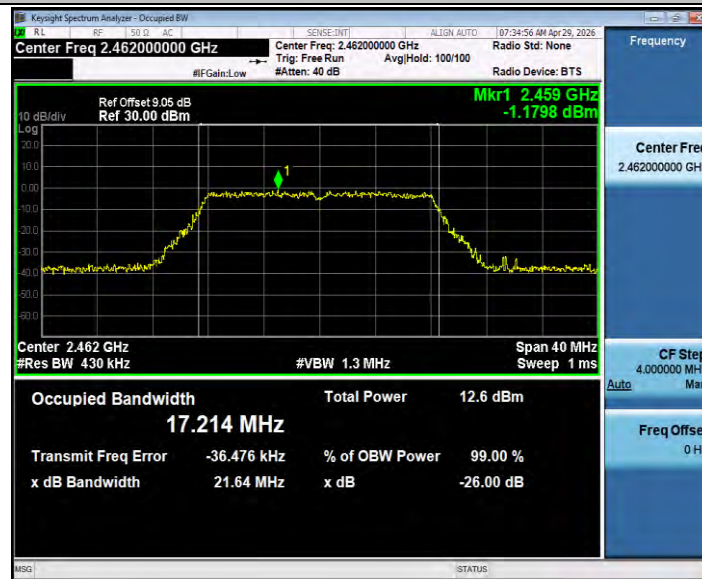
11G_Ant1_2412



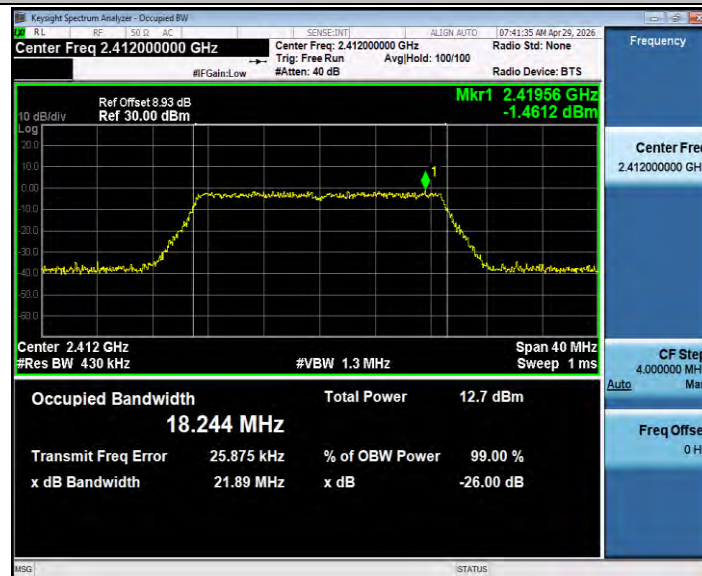
11G_Ant1_2437



11G_Ant1_2462



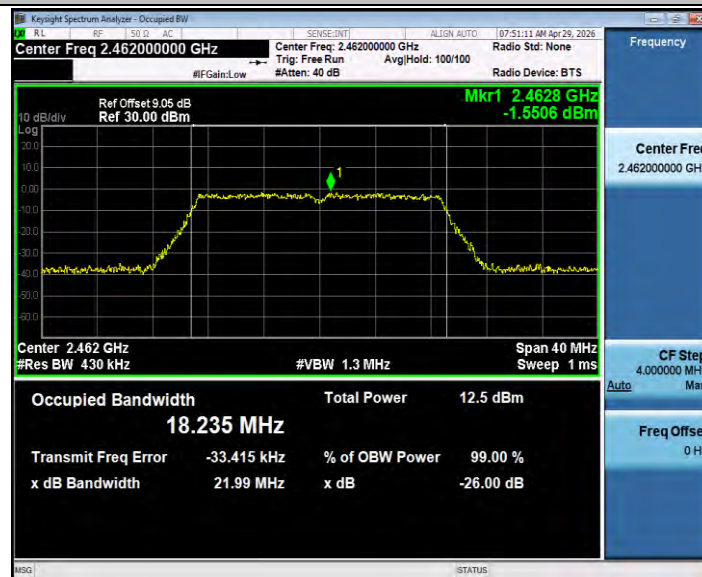
11N20SISO_Ant1_2412



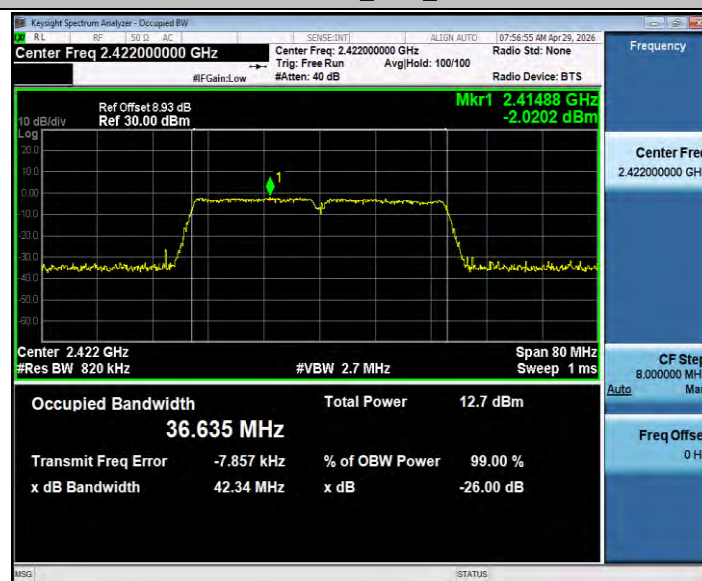
11N20SISO_Ant1_2437



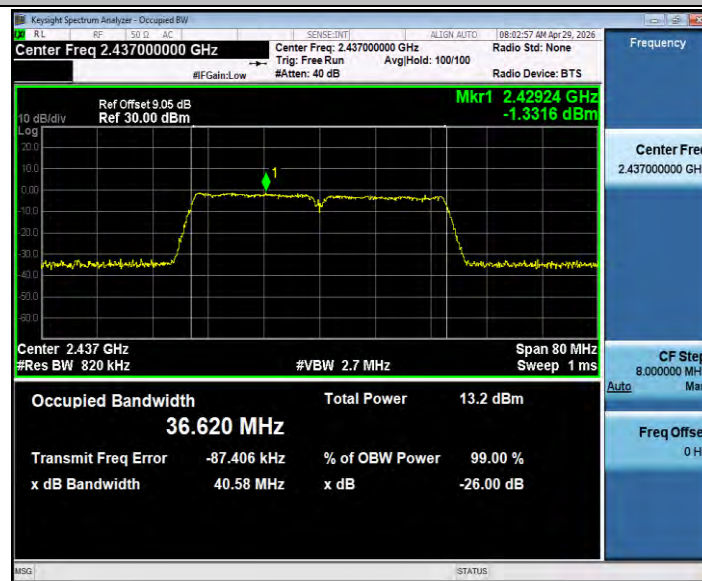
11N20SISO_Ant1_2462



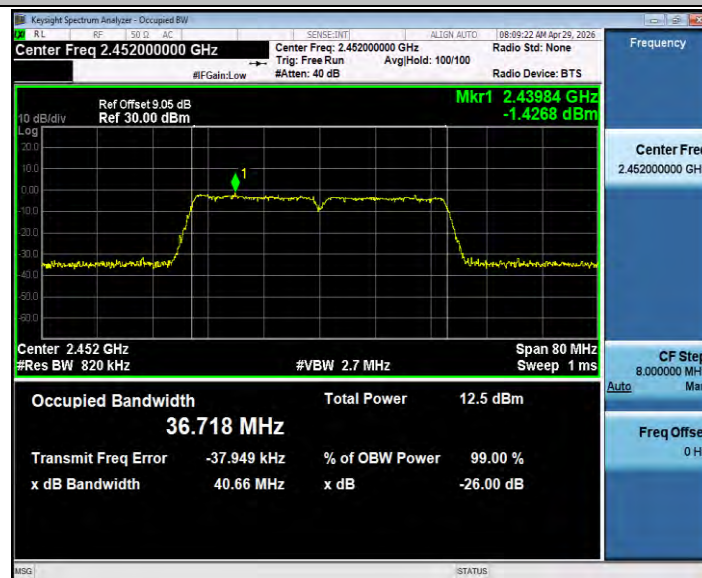
11N40SISO_Ant1_2422



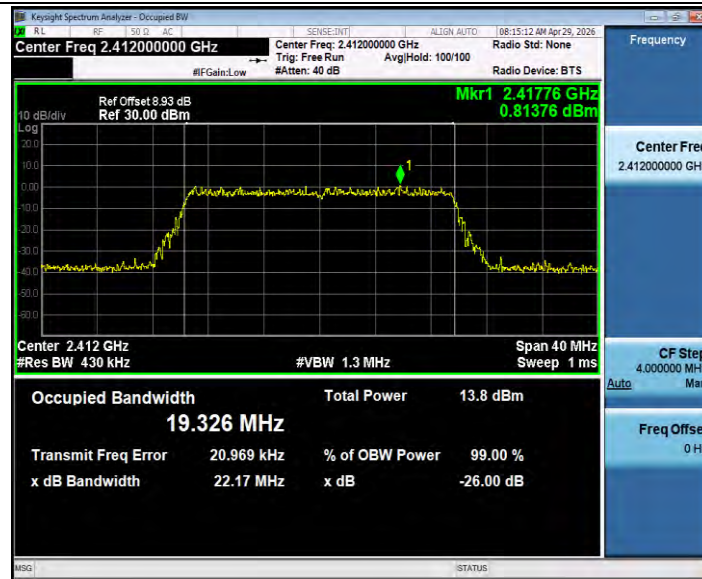
11N40SISO_Ant1_2437



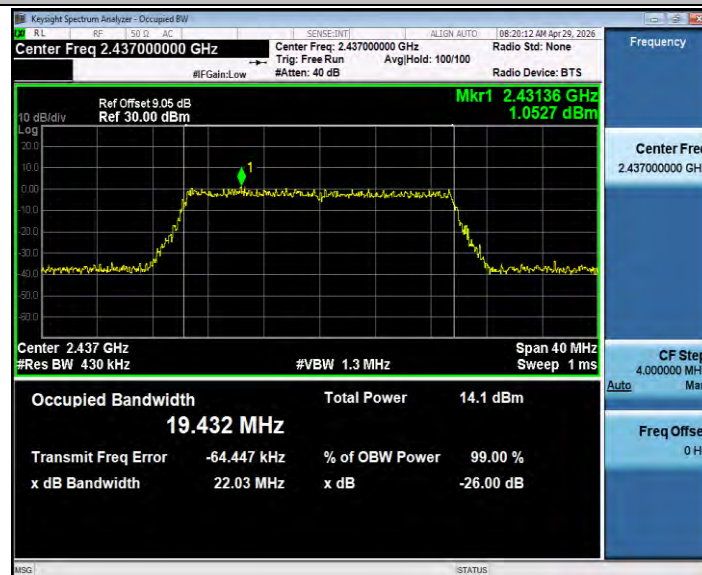
11N40SISO_Ant1_2452



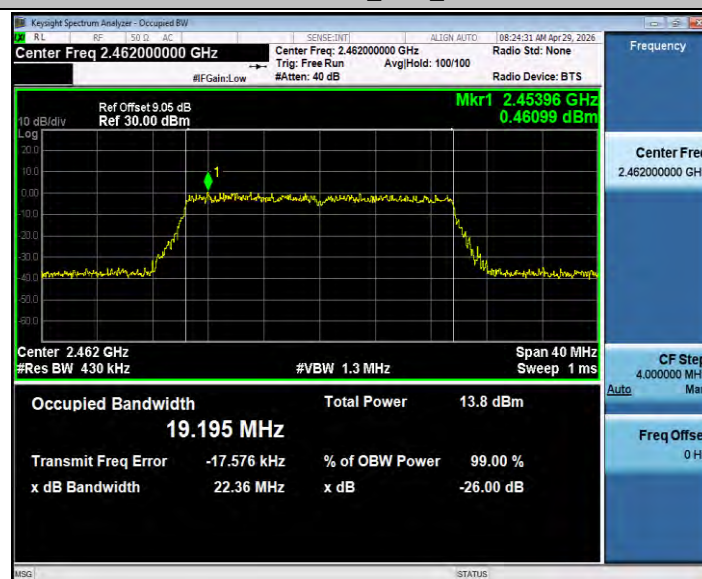
11AX20SISO_Ant1_2412



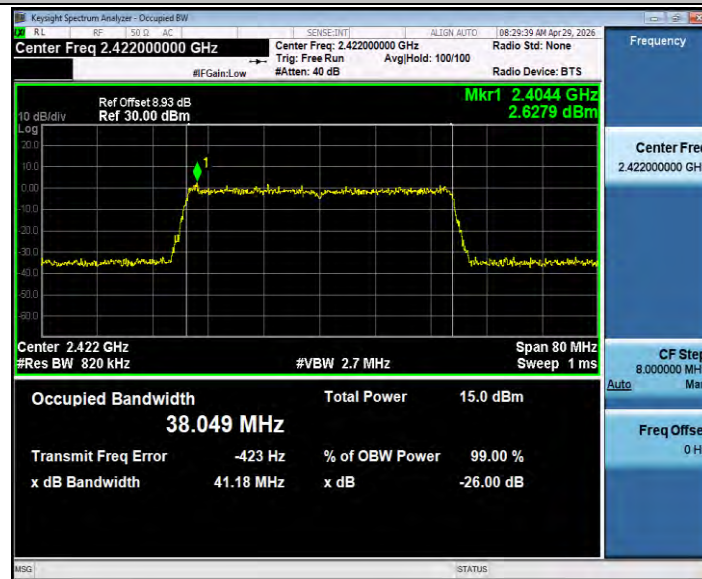
11AX20SISO_Ant1_2437



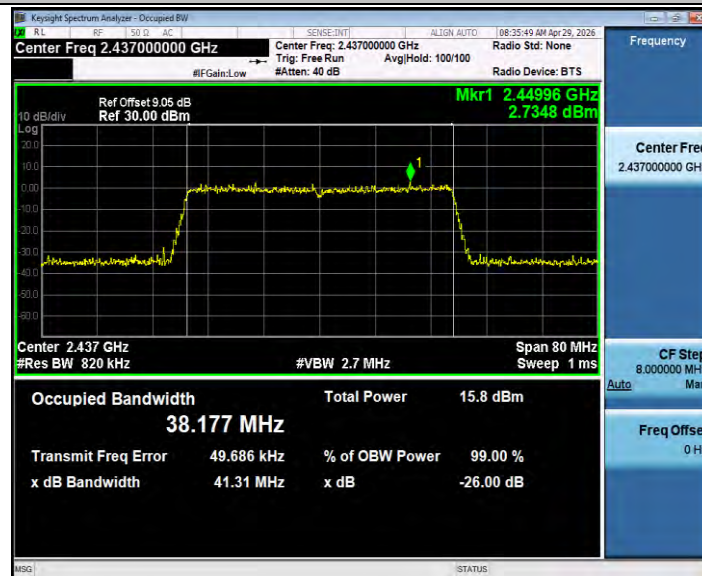
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	12.68	≤29.32	PASS
		2437	12.62	≤29.32	PASS
		2462	12.29	≤29.32	PASS
11G	Ant1	2412	13.76	≤29.32	PASS
		2437	14.10	≤29.32	PASS
		2462	13.79	≤29.32	PASS
11N20SISO	Ant1	2412	13.86	≤29.32	PASS
		2437	14.10	≤29.32	PASS
		2462	13.76	≤29.32	PASS
11N40SISO	Ant1	2422	13.06	≤29.32	PASS
		2437	13.56	≤29.32	PASS
		2452	12.90	≤29.32	PASS
11AX20SISO	Ant1	2412	14.37	≤29.32	PASS
		2437	14.63	≤29.32	PASS
		2462	14.36	≤29.32	PASS
11AX40SISO	Ant1	2422	15.27	≤29.32	PASS
		2437	15.90	≤29.32	PASS
		2452	15.11	≤29.32	PASS

Limit (dBm)= Limit (dBm)-(Gain-6dBi)

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.14	≤7.32	PASS
		2437	-11.86	≤7.32	PASS
		2462	-12.87	≤7.32	PASS
11G	Ant1	2412	-17.12	≤7.32	PASS
		2437	-17.79	≤7.32	PASS
		2462	-18.85	≤7.32	PASS
11N20SISO	Ant1	2412	-18.36	≤7.32	PASS
		2437	-17.82	≤7.32	PASS
		2462	-18.05	≤7.32	PASS
11N40SISO	Ant1	2422	-20.62	≤7.32	PASS
		2437	-21.49	≤7.32	PASS
		2452	-22.38	≤7.32	PASS
11AX20SISO	Ant1	2412	-19.15	≤7.32	PASS
		2437	-18.61	≤7.32	PASS
		2462	-19.06	≤7.32	PASS
11AX40SISO	Ant1	2422	-20.20	≤7.32	PASS
		2437	-20.49	≤7.32	PASS
		2452	-19.85	≤7.32	PASS

Limit (dBm/3kHz)= Limit (dBm/3kHz)-(Gain-6dBi)

Test Graphs

11B_Ant1_2412



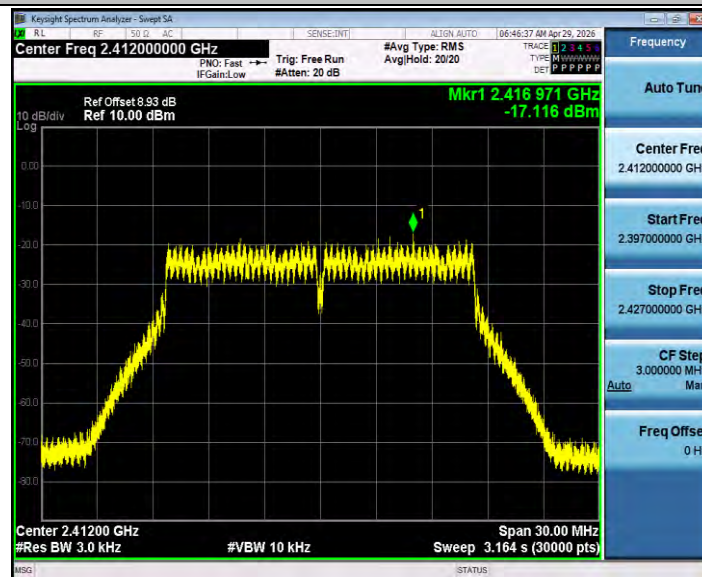
11B_Ant1_2437



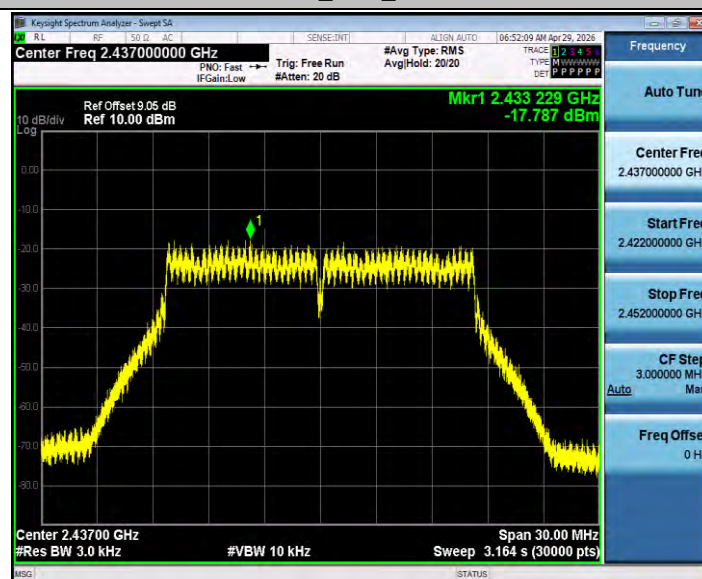
11B_Ant1_2462



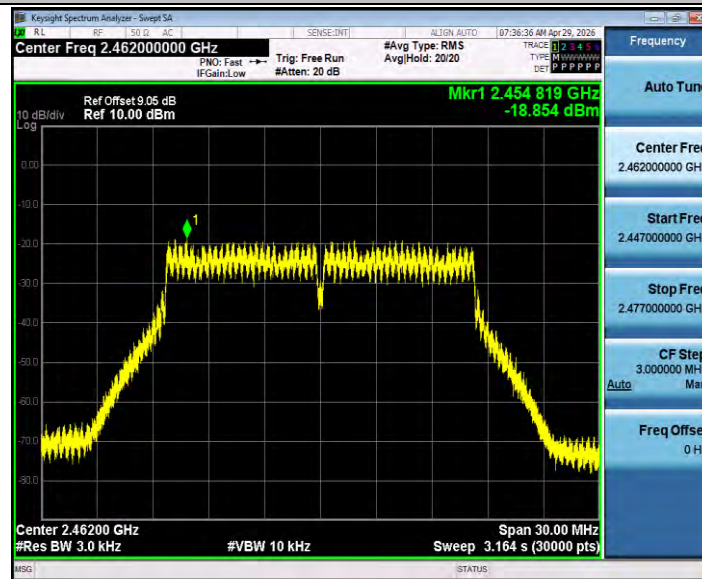
11G_Ant1_2412



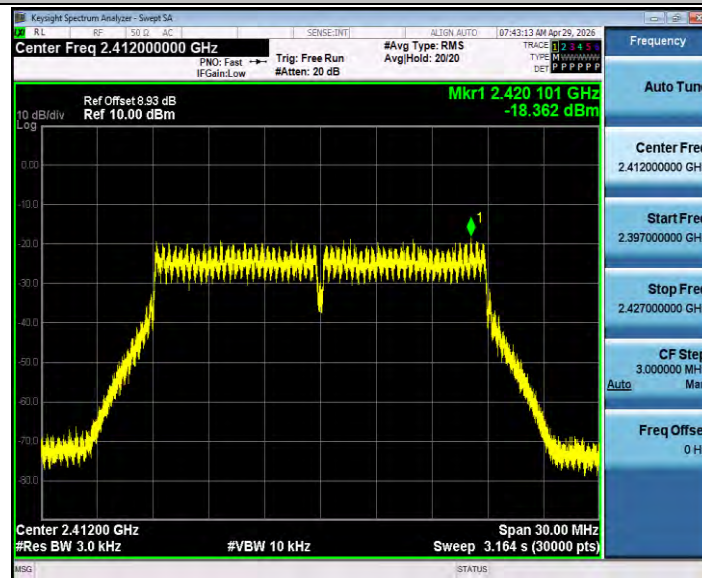
11G_Ant1_2437



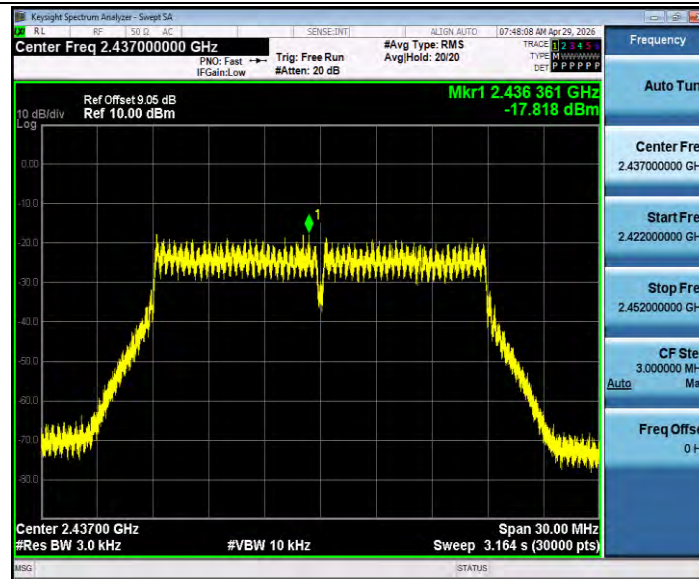
11G_Ant1_2462



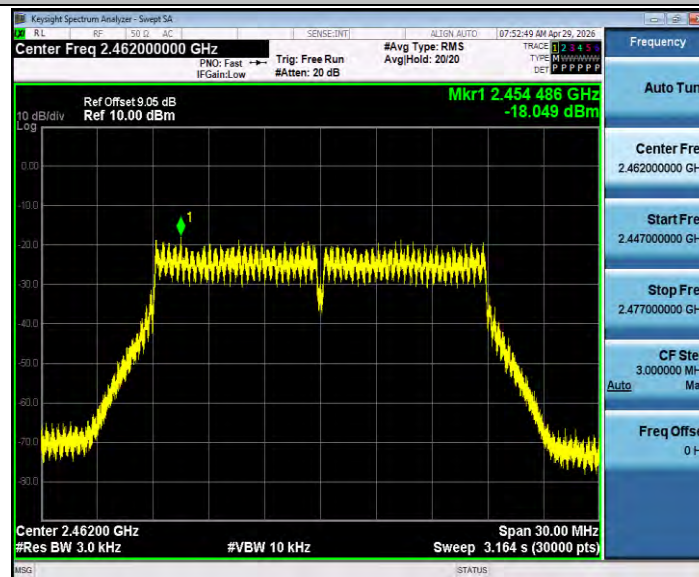
11N20SISO_Ant1_2412



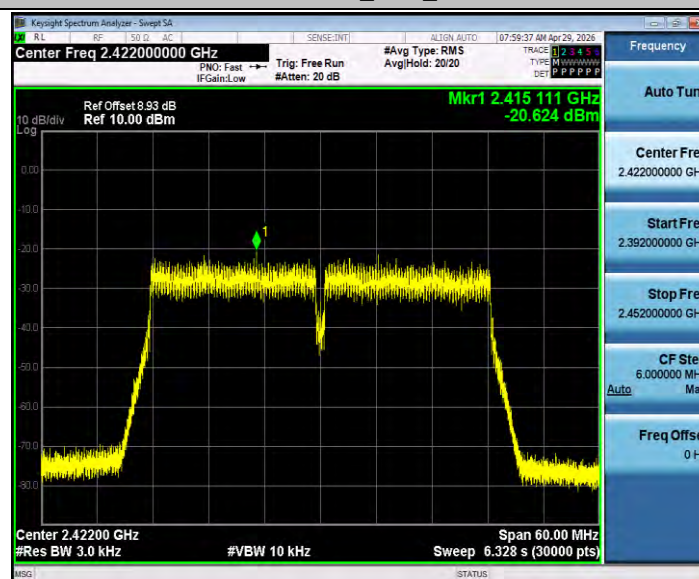
11N20SISO_Ant1_2437



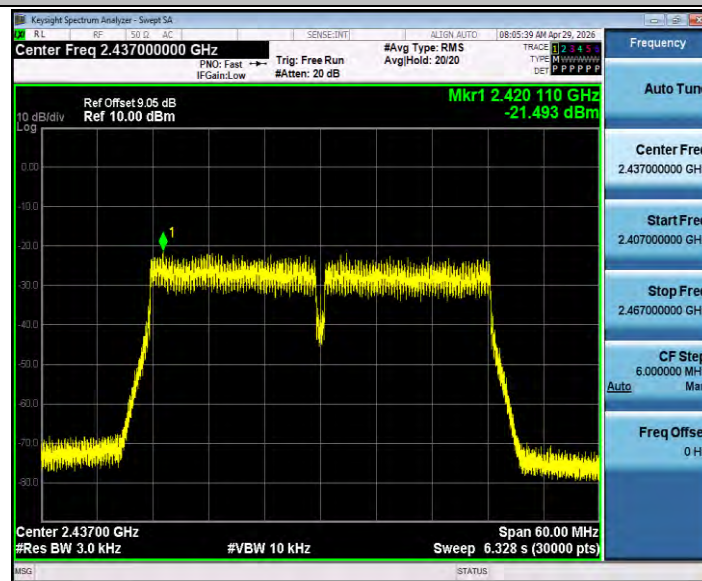
11N20SISO_Ant1_2462



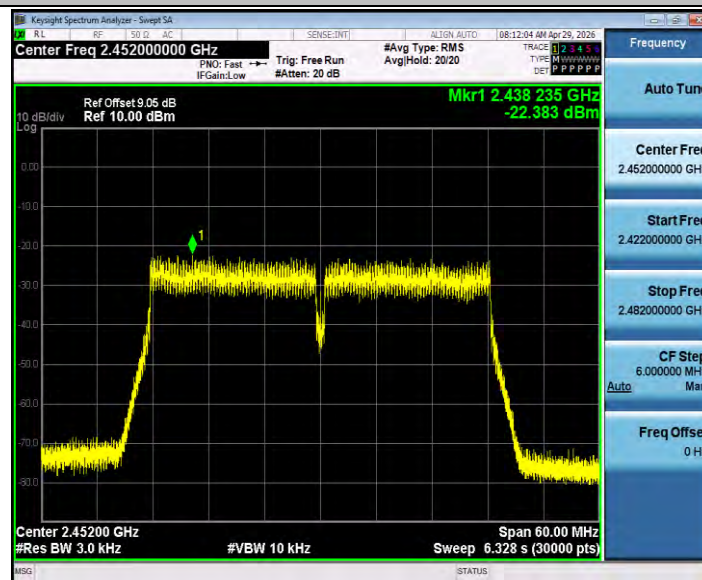
11N40SISO_Ant1_2422



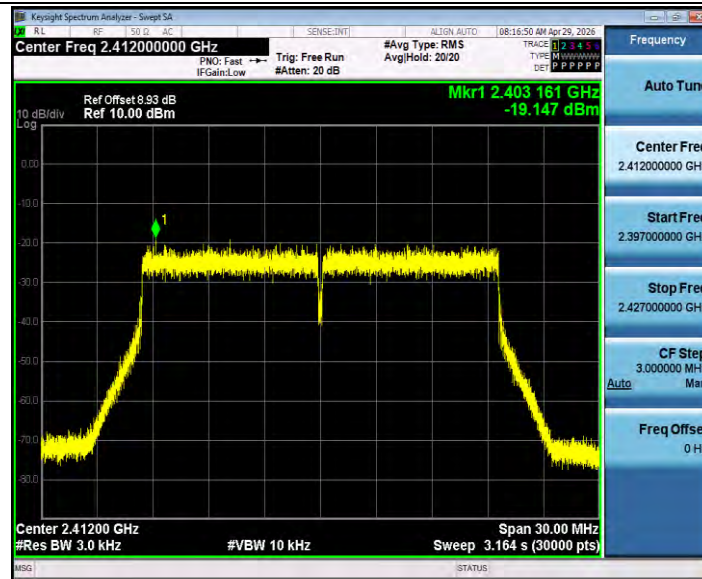
11N40SISO_Ant1_2437



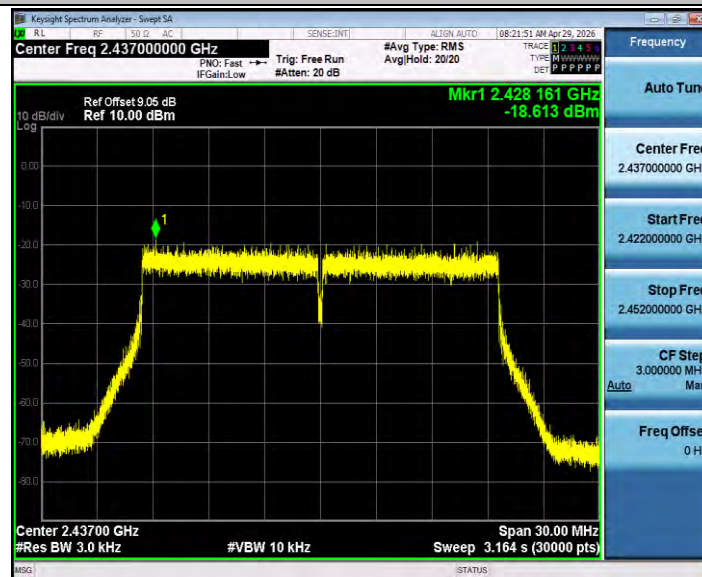
11N40SISO_Ant1_2452



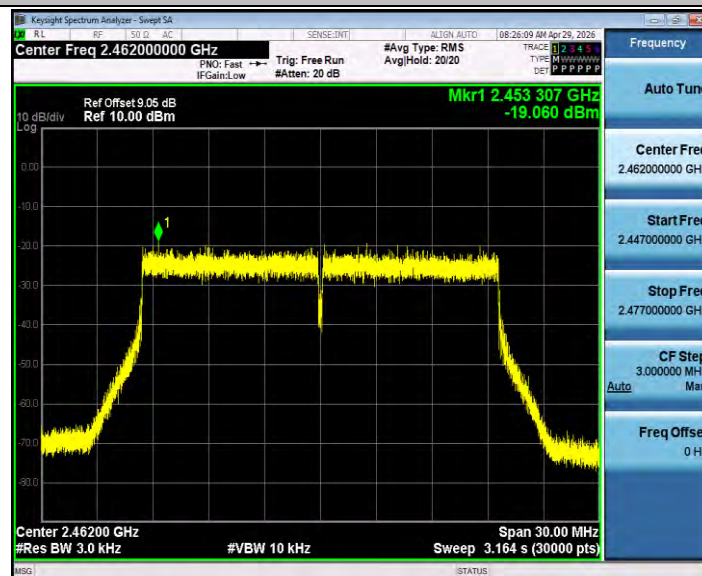
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



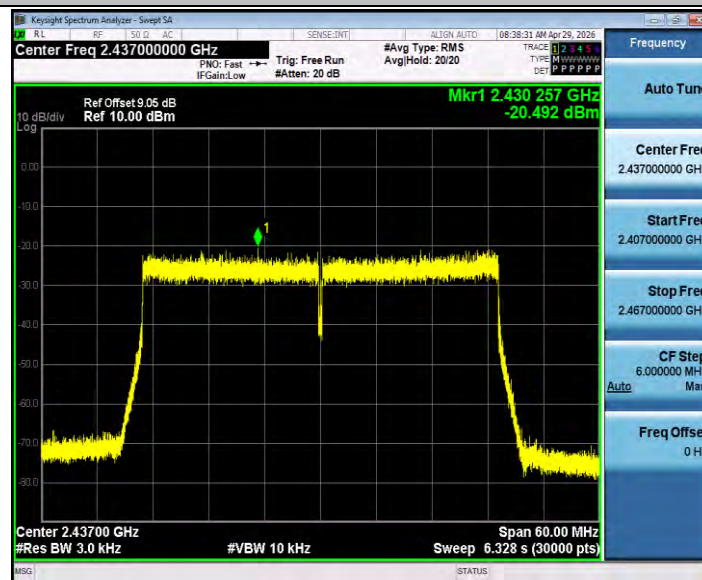
11AX20SISO_Ant1_2462



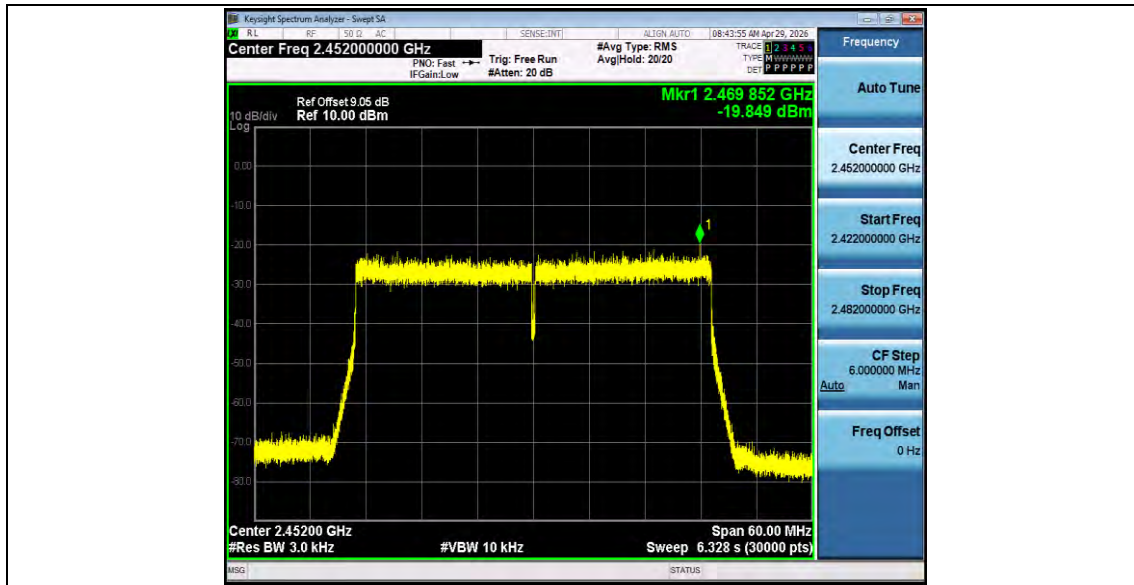
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.5:Band edge measurements

Test Result

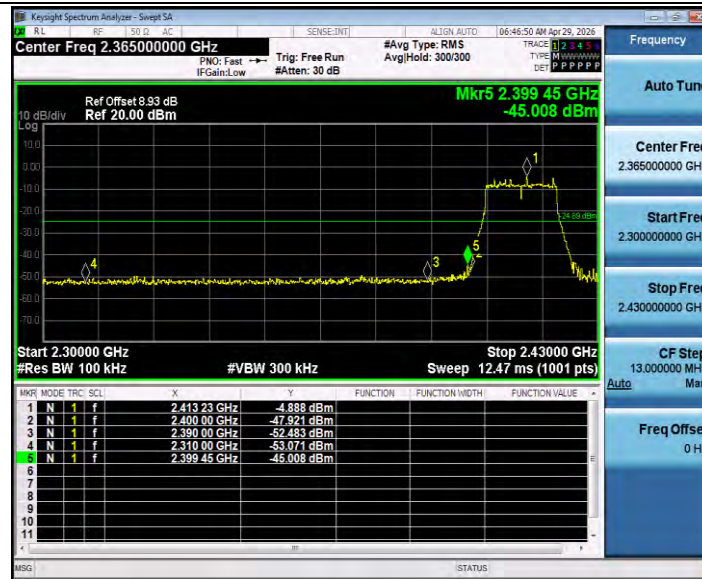
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.79	-50.07	≤ -18.21	PASS
		High	2462	1.47	-48.28	≤ -18.53	PASS
11G	Ant1	Low	2412	-4.89	-45.01	≤ -24.89	PASS
		High	2462	-4.68	-49.28	≤ -24.68	PASS
11N20SISO	Ant1	Low	2412	-5.39	-44.81	≤ -25.39	PASS
		High	2462	-5.04	-49.02	≤ -25.04	PASS
11N40SISO	Ant1	Low	2422	-8.27	-48.23	≤ -28.27	PASS
		High	2452	-8.29	-49.75	≤ -28.29	PASS
11AX20SISO	Ant1	Low	2412	-5.19	-41.75	≤ -25.19	PASS
		High	2462	-5.02	-49.2	≤ -25.02	PASS
11AX40SISO	Ant1	Low	2422	-7.65	-45.81	≤ -27.65	PASS
		High	2452	-6.97	-48.81	≤ -26.97	PASS

Test Graphs

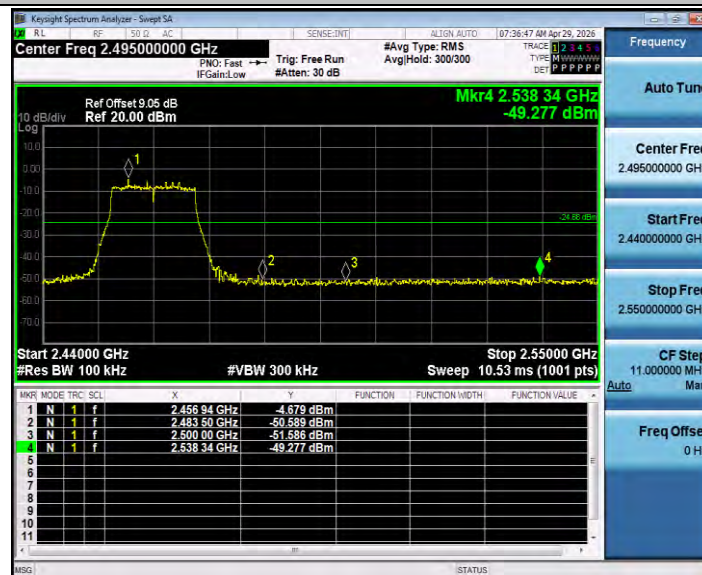


11B_Ant1_High_2462

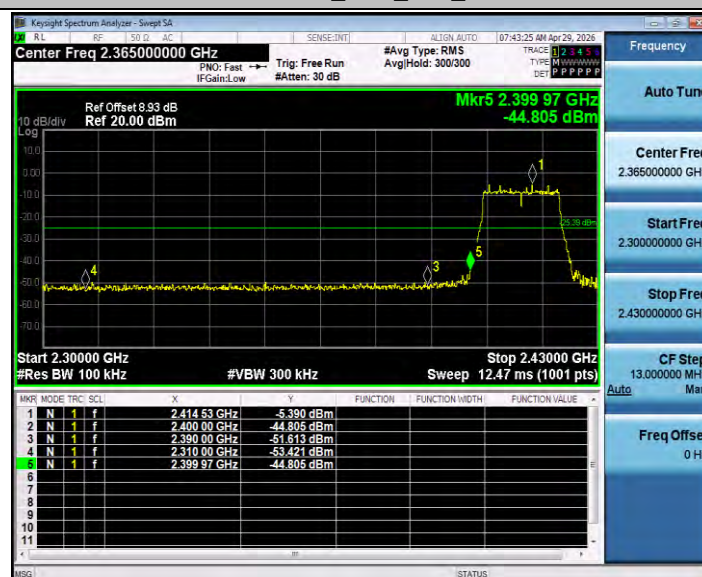
11G_Ant1_Low_2412



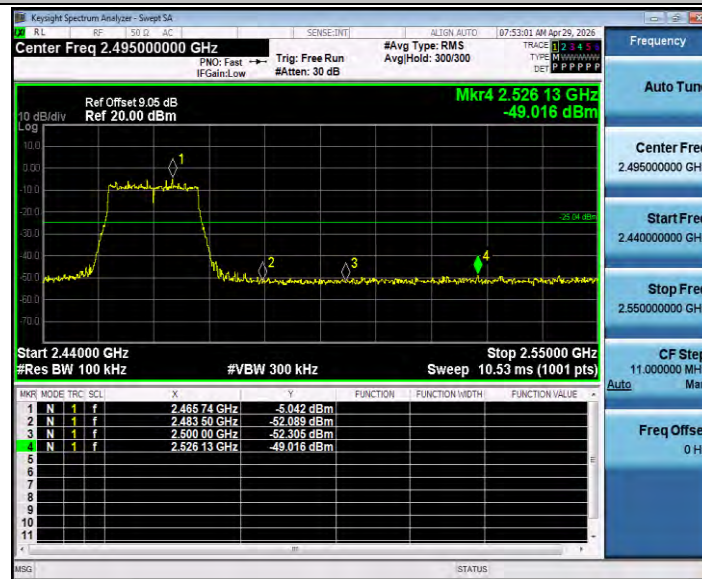
11G_Ant1_High_2462



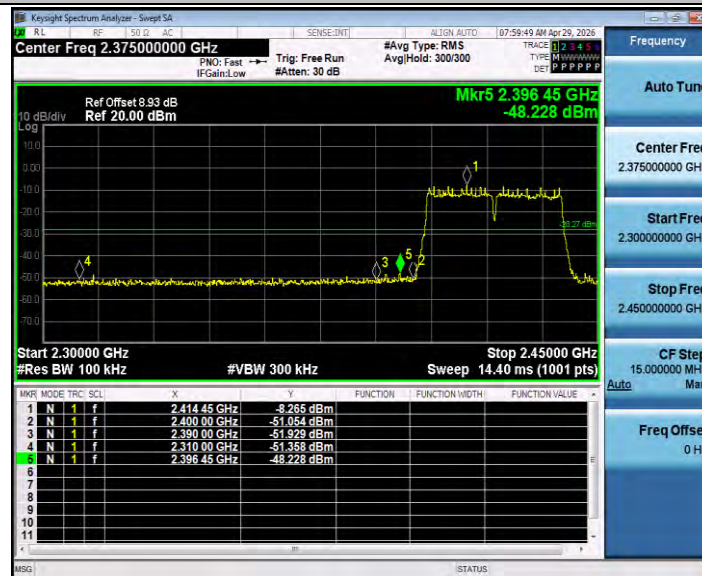
11N20SISO_Ant1_Low_2412



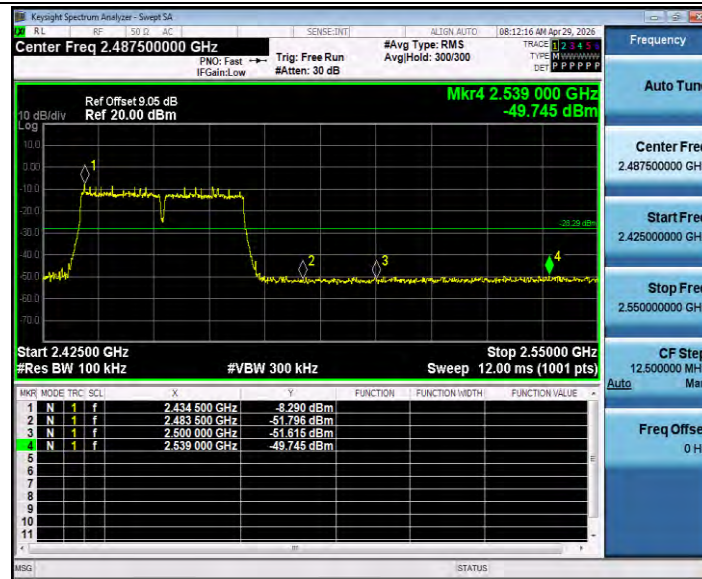
11N20SISO_Ant1_High_2462



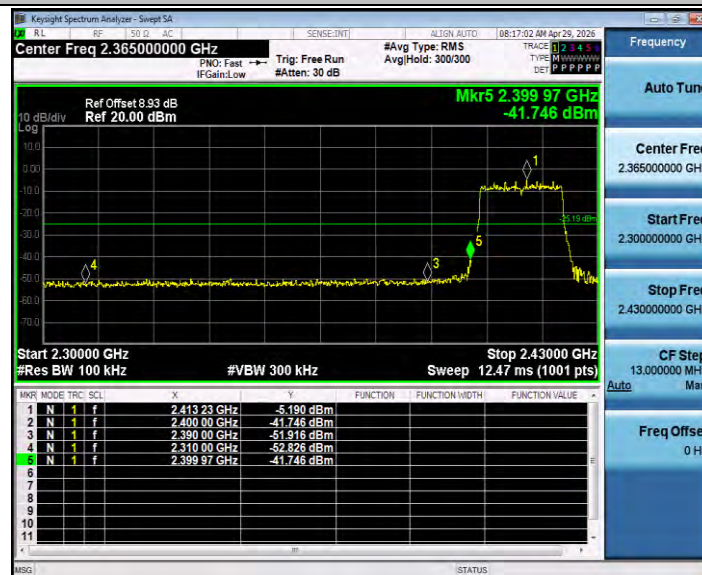
11N40SISO_Ant1_Low_2422



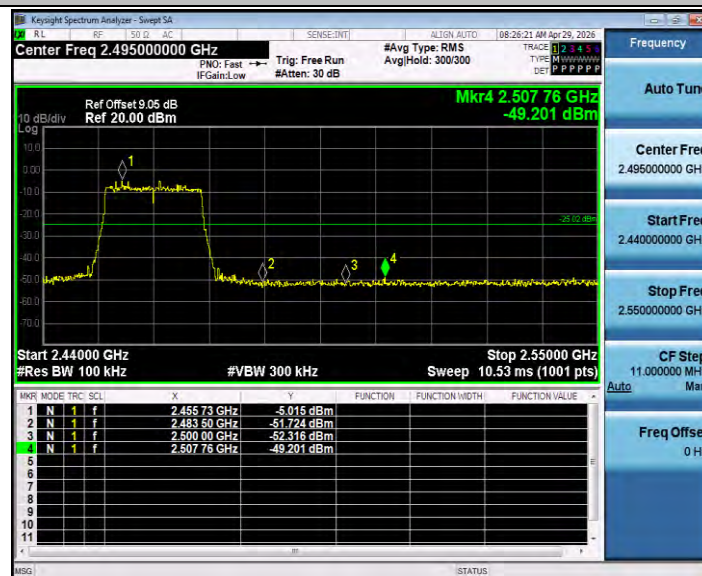
11N40SISO_Ant1_High_2452



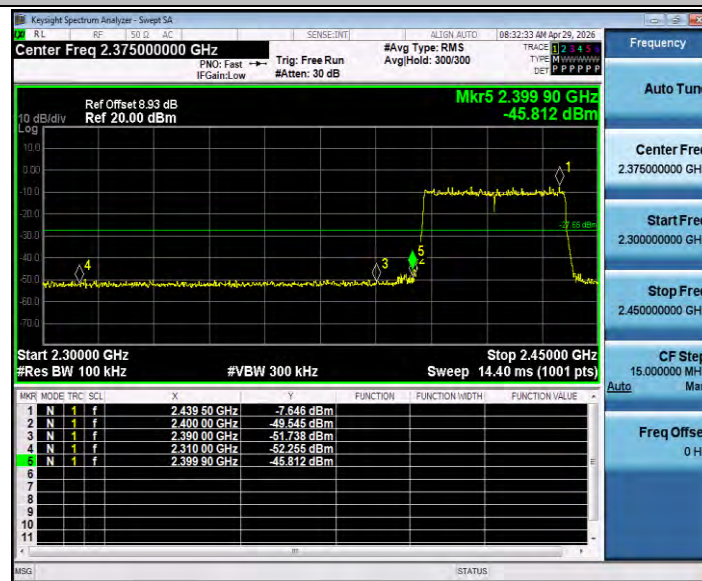
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

