

Case No. : <u>GTS20250516011-2-10</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.6.13-2025.7.8</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

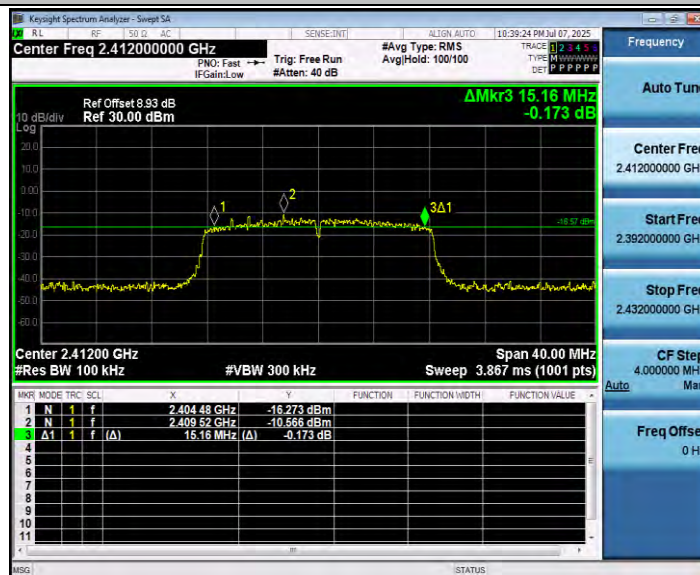
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant2	2412	15.160	2404.480	2419.640	0.5	PASS
		2437	13.480	2430.440	2443.920	0.5	PASS
		2462	15.440	2454.240	2469.680	0.5	PASS
11N20SISO	Ant2	2412	13.720	2404.480	2418.200	0.5	PASS
		2437	16.120	2429.200	2445.320	0.5	PASS
		2462	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant2	2422	35.280	2404.480	2439.760	0.5	PASS
		2437	35.440	2419.320	2454.760	0.5	PASS
		2452	35.120	2434.560	2469.680	0.5	PASS
11AX20SISO	Ant2	2412	17.320	2403.560	2420.880	0.5	PASS
		2437	17.040	2428.360	2445.400	0.5	PASS
		2462	18.000	2453.080	2471.080	0.5	PASS
11AX40SISO	Ant2	2422	36.000	2404.720	2440.720	0.5	PASS
		2437	35.120	2420.440	2455.560	0.5	PASS
		2452	36.480	2433.440	2469.920	0.5	PASS

Test Graphs

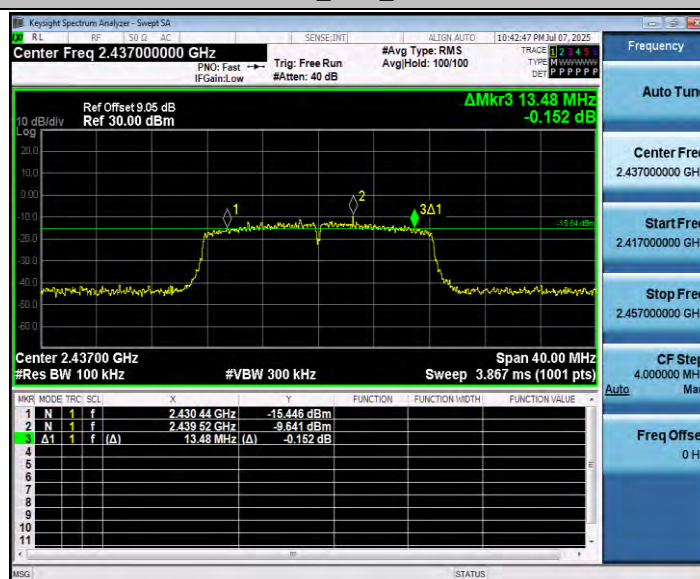




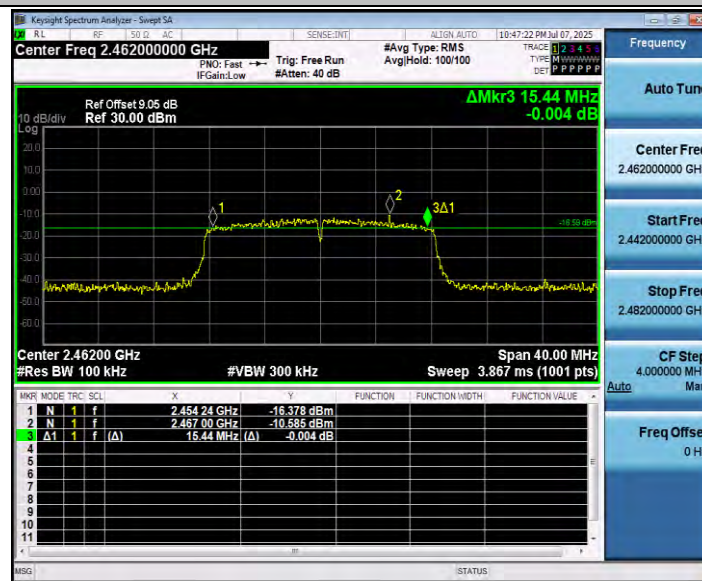
11G_Ant2_2412



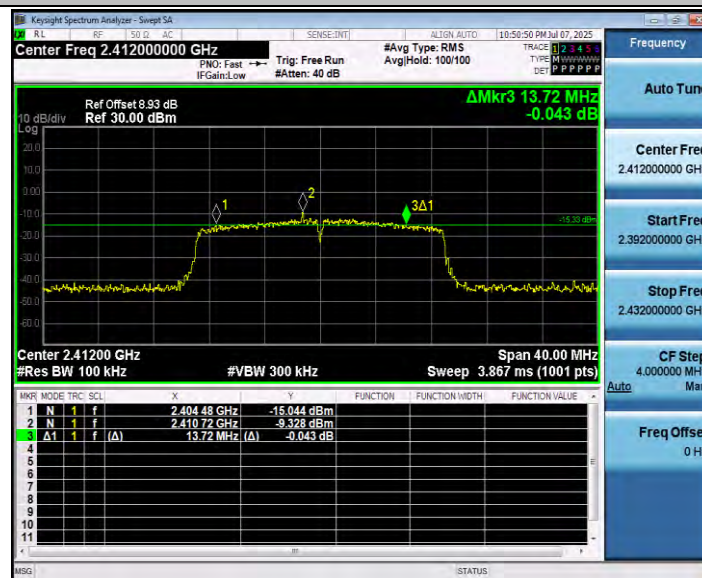
11G_Ant2_2437



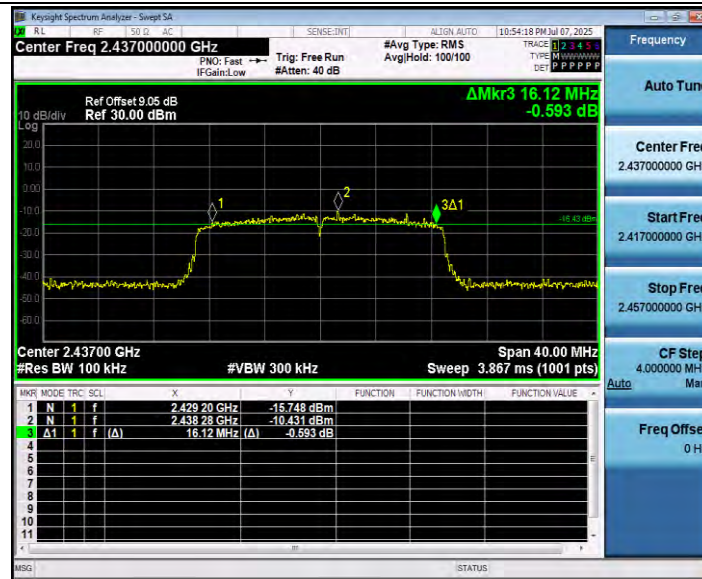
11G_Ant2_2462



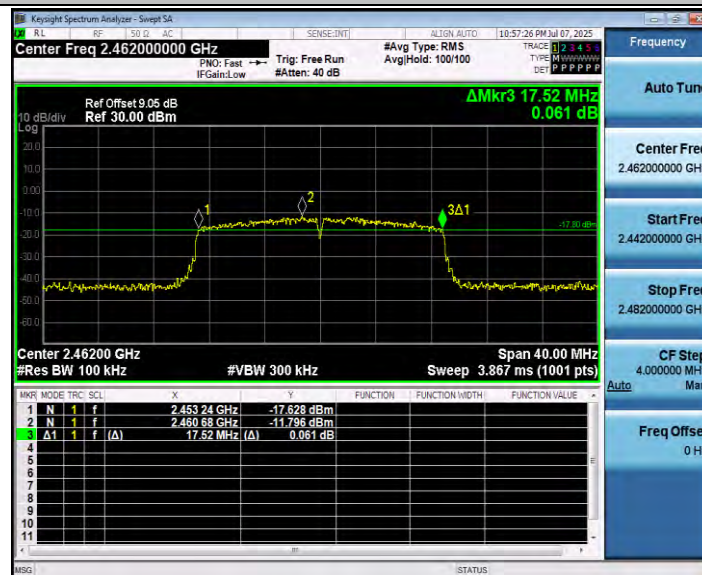
11N20SISO_Ant2_2412



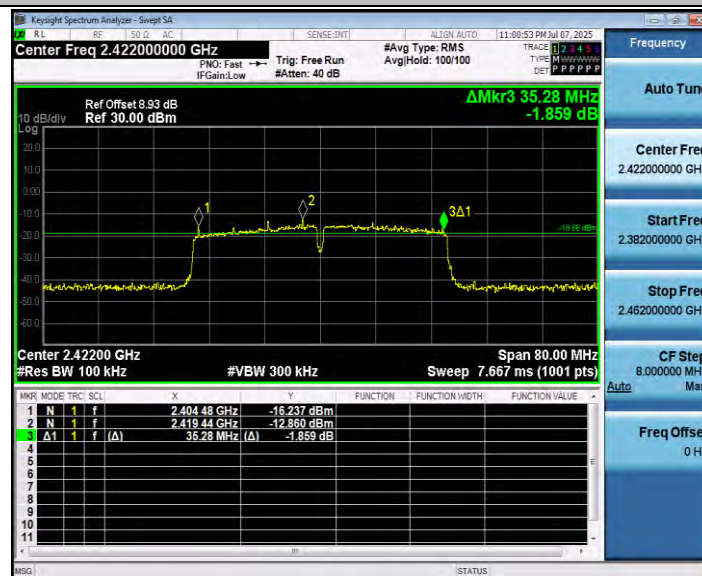
11N20SISO_Ant2_2437



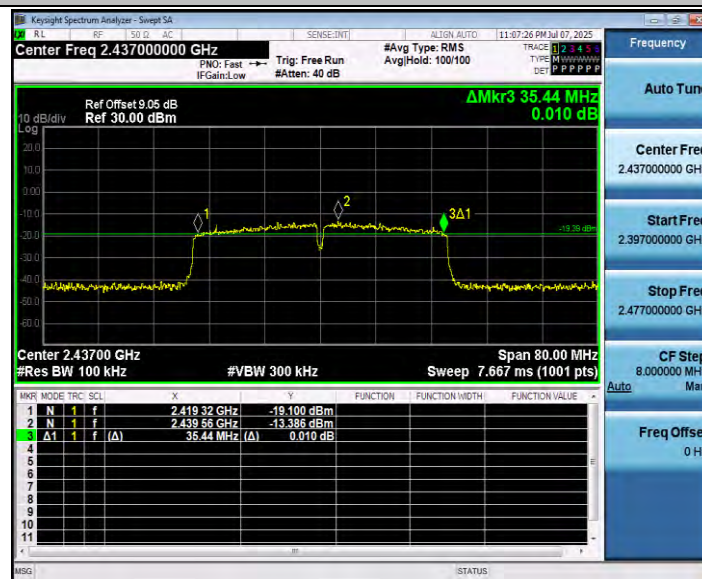
11N20SISO_Ant2_2462



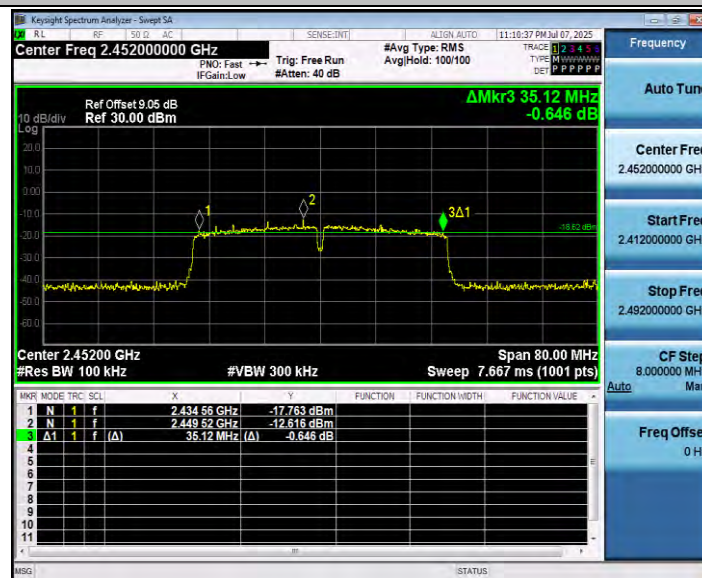
11N40SISO_Ant2_2422



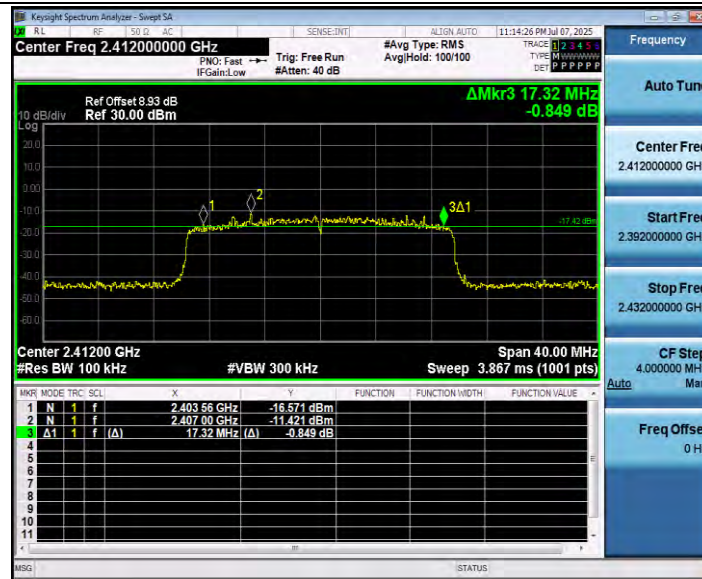
11N40SISO_Ant2_2437



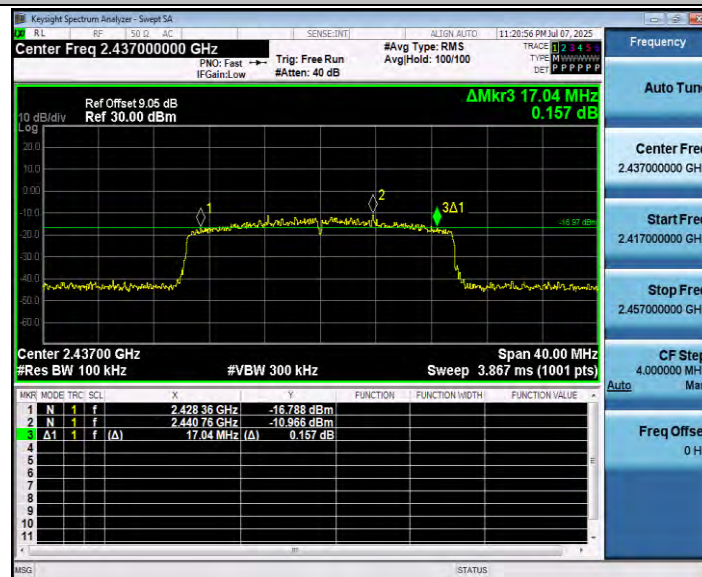
11N40SISO_Ant2_2452



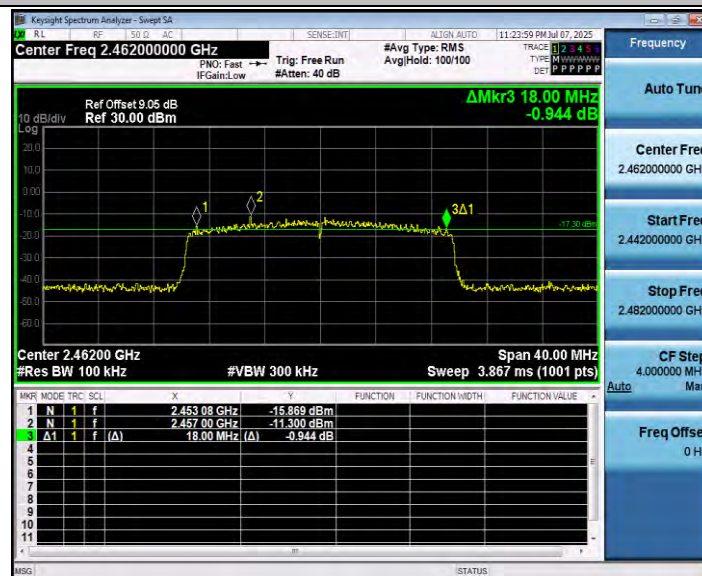
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



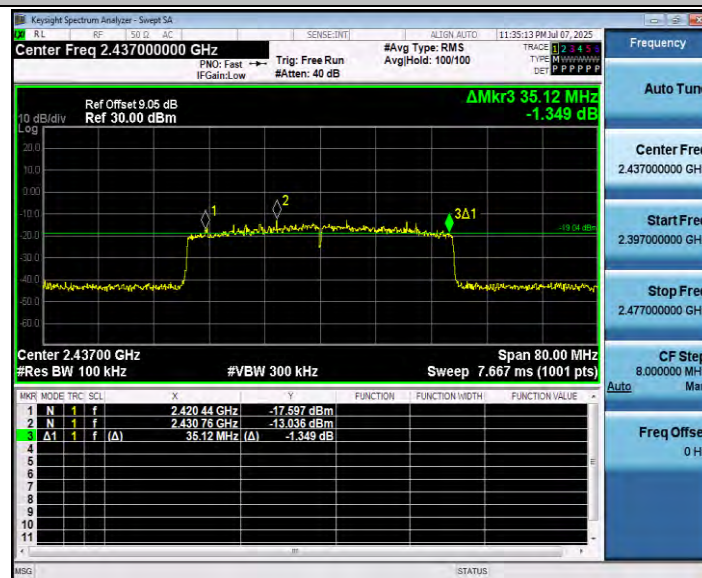
11AX20SISO_Ant2_2462



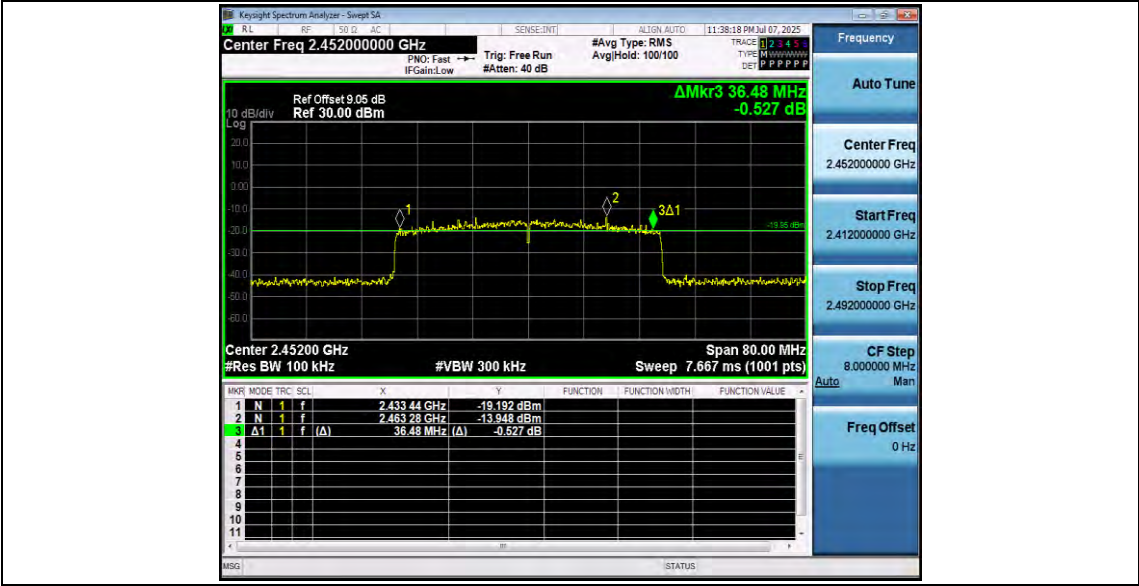
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452

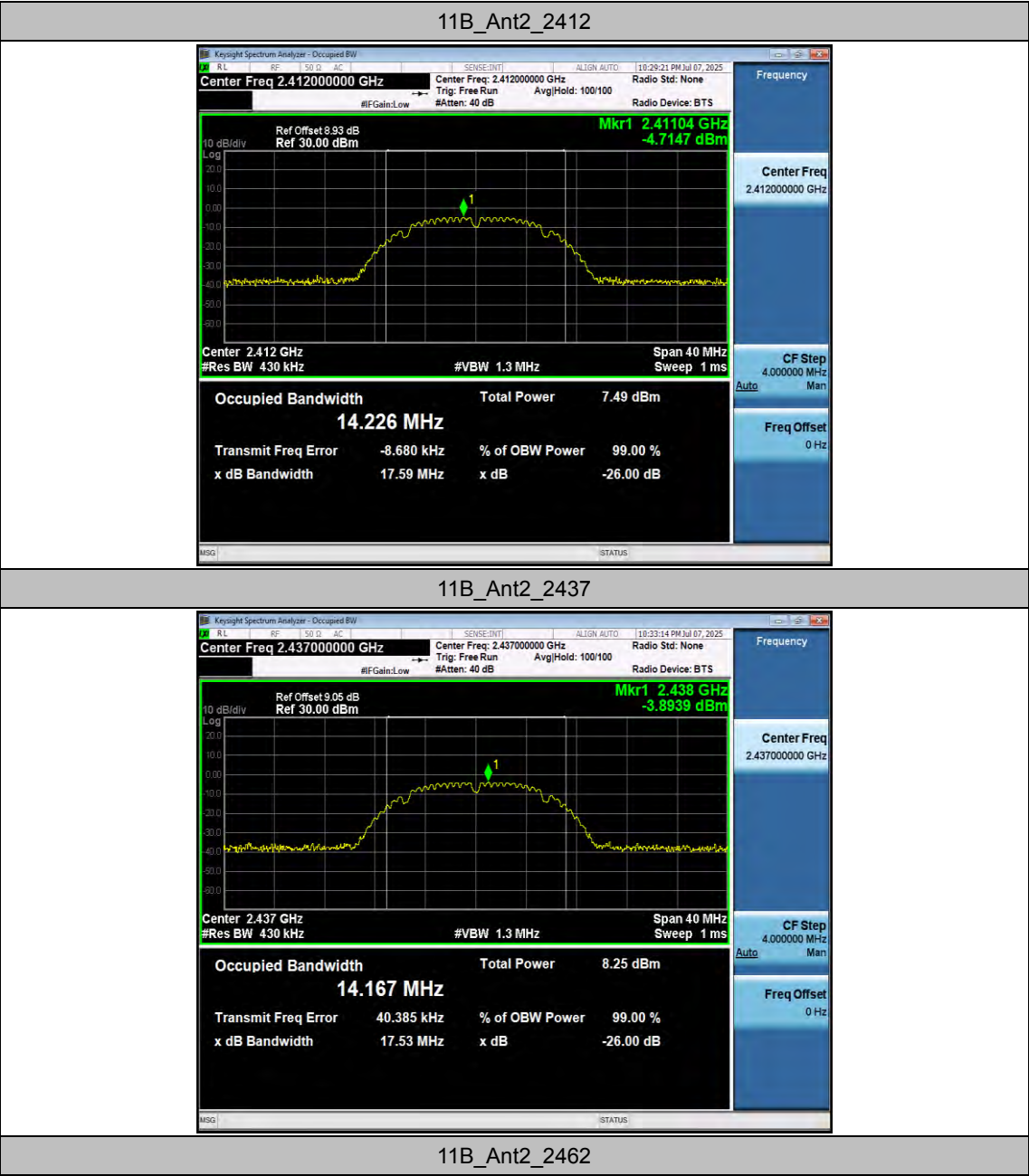


Appendix C.2: Occupied Channel Bandwidth

Test Result

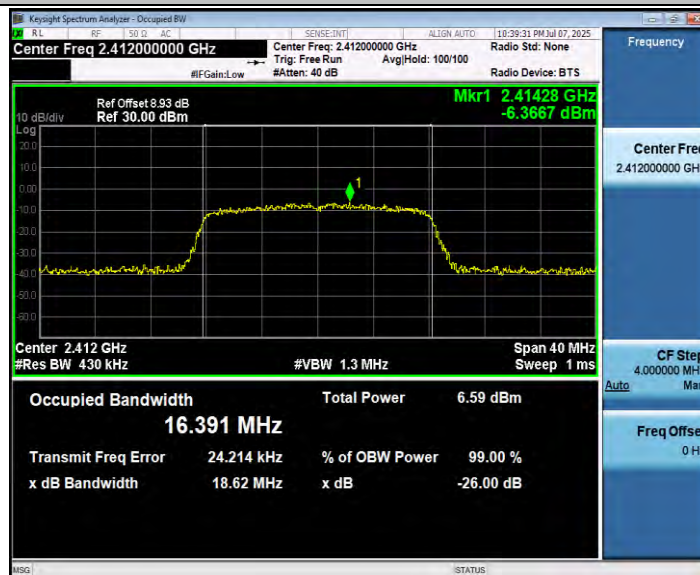
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	14.226	2404.8783	2419.1043	---	---
		2437	14.167	2429.9569	2444.1239	---	---
		2462	14.139	2454.9383	2469.0773	---	---
11G	Ant2	2412	16.391	2403.8287	2420.2197	---	---
		2437	16.404	2428.8219	2445.2259	---	---
		2462	16.413	2453.7980	2470.2110	---	---
11N20SISO	Ant2	2412	17.487	2403.2732	2420.7602	---	---
		2437	17.505	2428.2466	2445.7516	---	---
		2462	17.530	2453.2343	2470.7643	---	---
11N40SISO	Ant2	2422	36.039	2404.0804	2440.1194	---	---
		2437	35.970	2419.0559	2455.0259	---	---
		2452	36.038	2434.0004	2470.0384	---	---
11AX20SISO	Ant2	2412	18.783	2402.6412	2421.4242	---	---
		2437	18.851	2427.5865	2446.4375	---	---
		2462	18.758	2452.6268	2471.3848	---	---
11AX40SISO	Ant2	2422	37.767	2403.2303	2440.9973	---	---
		2437	37.601	2418.2698	2455.8708	---	---
		2452	37.654	2433.2085	2470.8625	---	---

Test Graphs

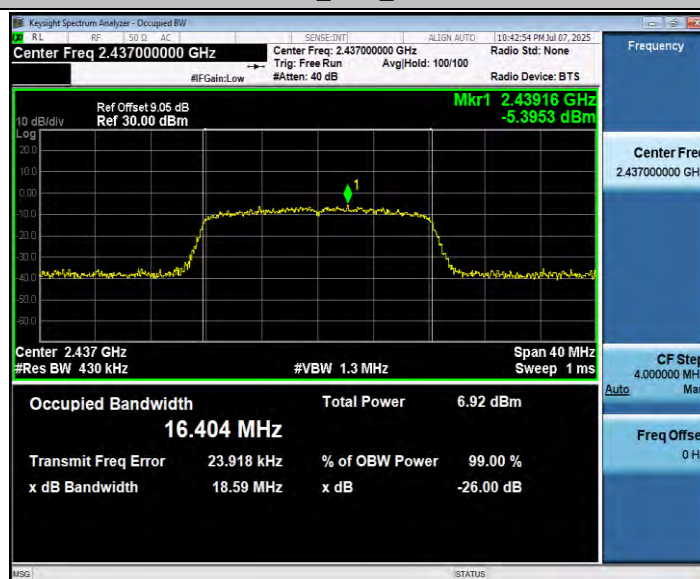




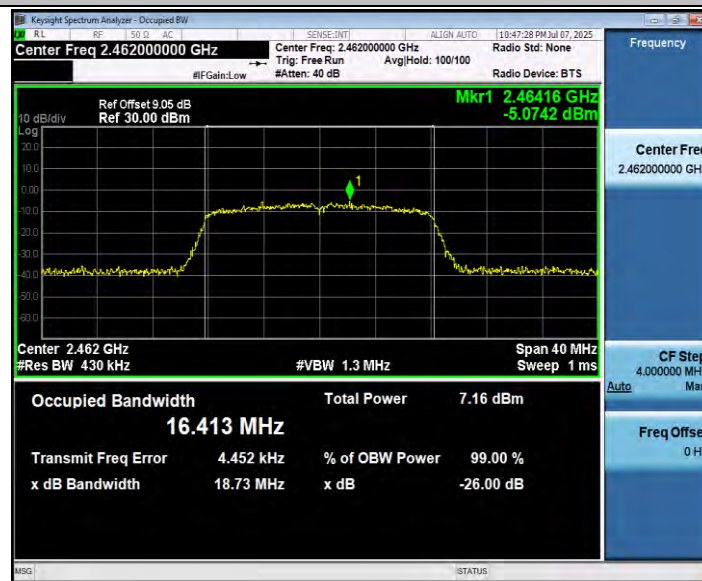
11G_Ant2_2412



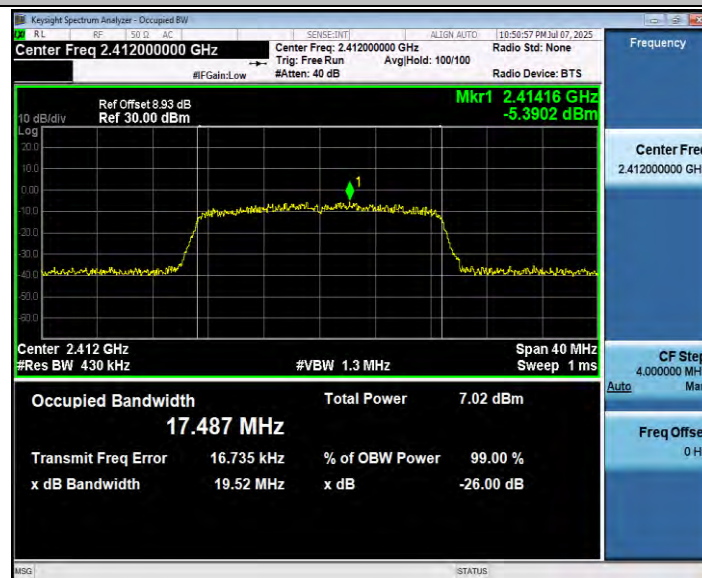
11G_Ant2_2437



11G_Ant2_2462



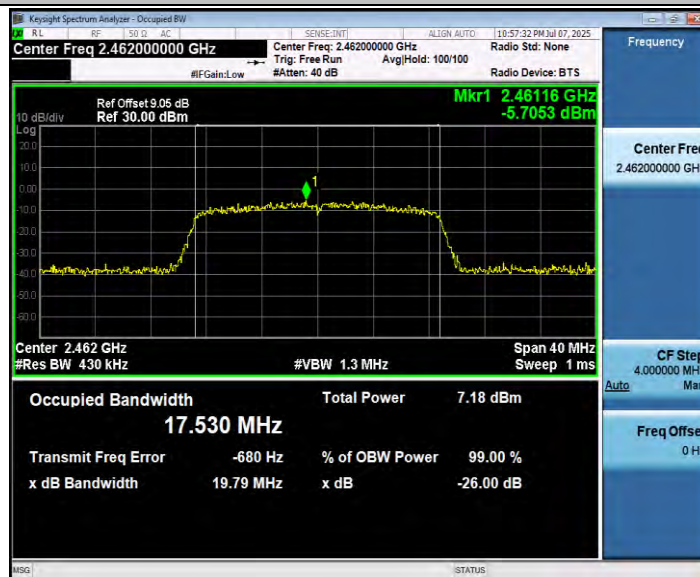
11N20SISO_Ant2_2412



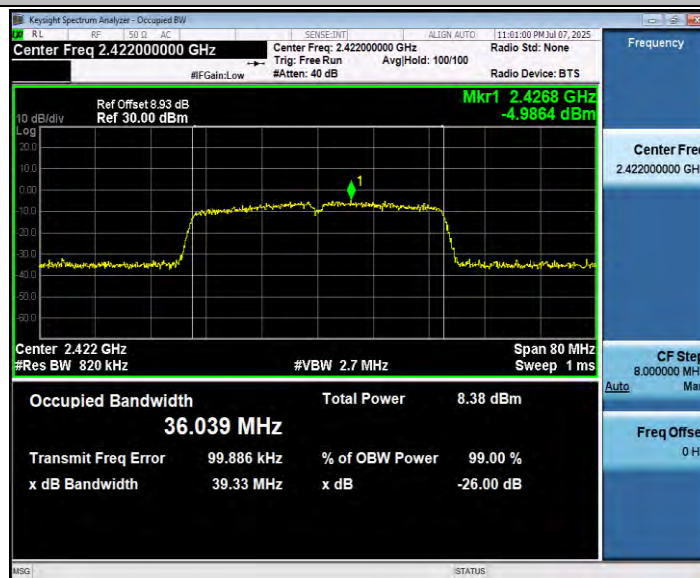
11N20SISO_Ant2_2437



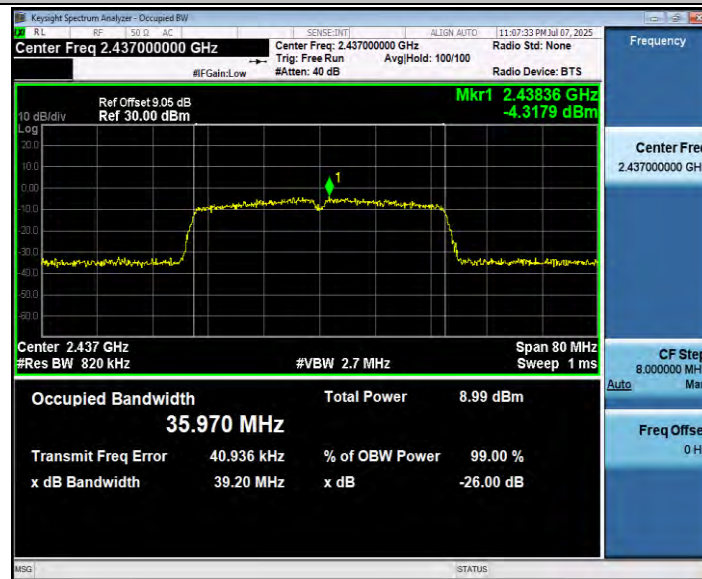
11N20SISO_Ant2_2462



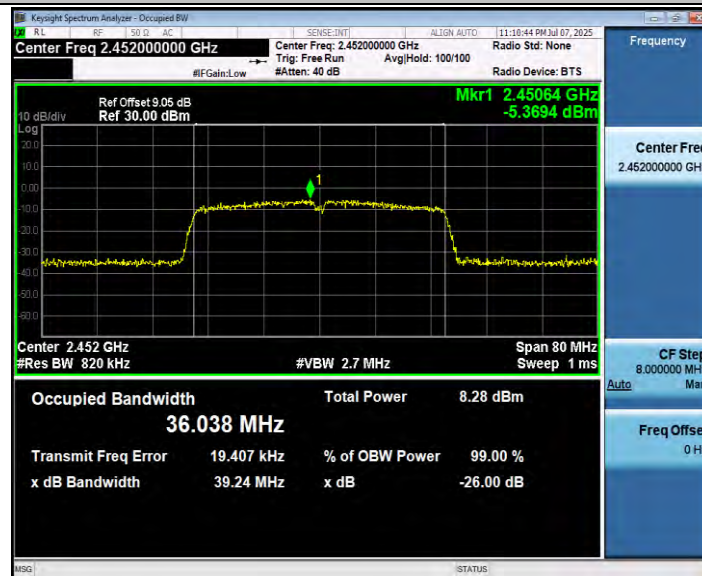
11N40SISO_Ant2_2422



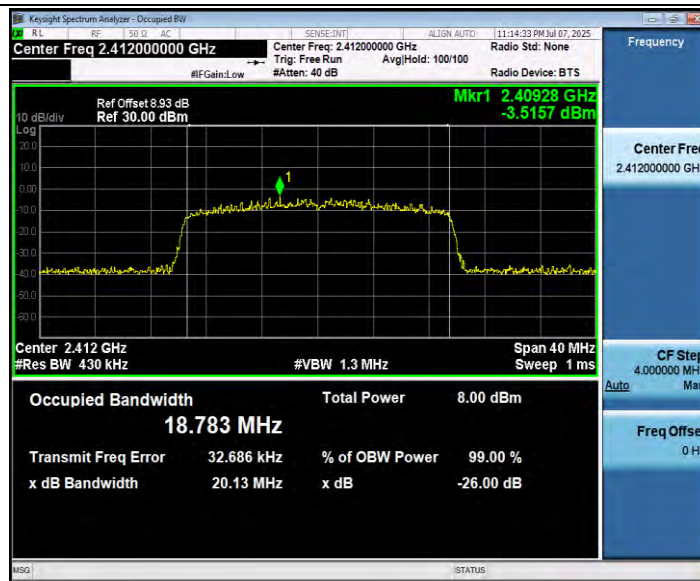
11N40SISO_Ant2_2437



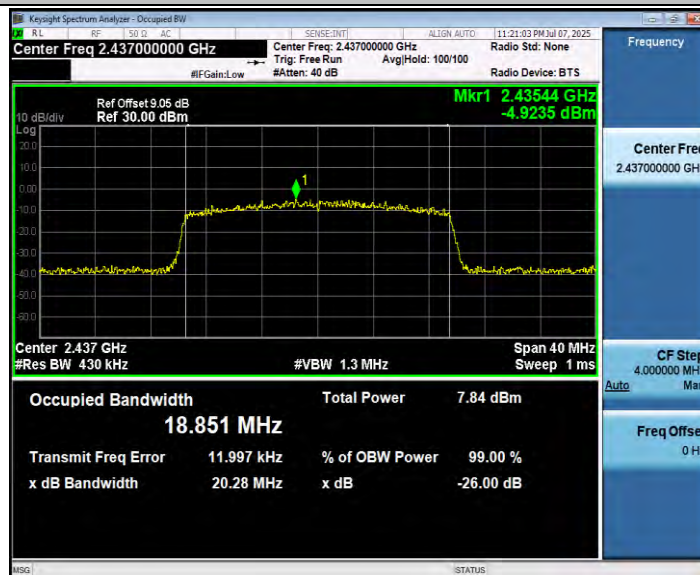
11N40SISO_Ant2_2452



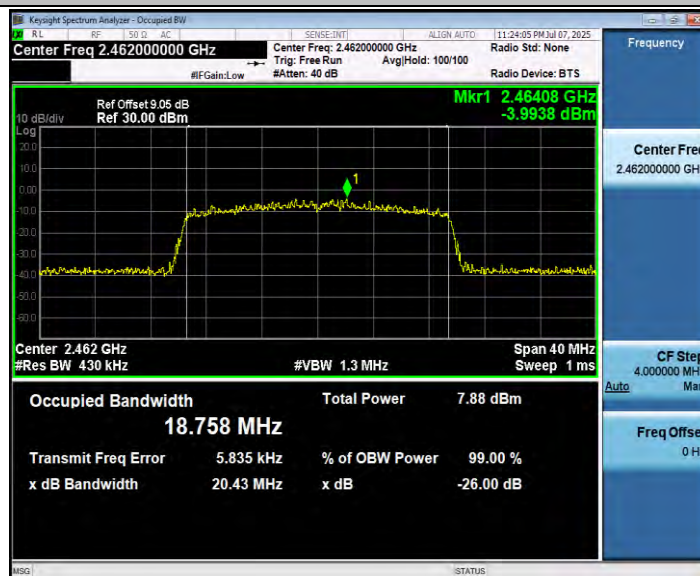
11AX20SISO_Ant2_2412



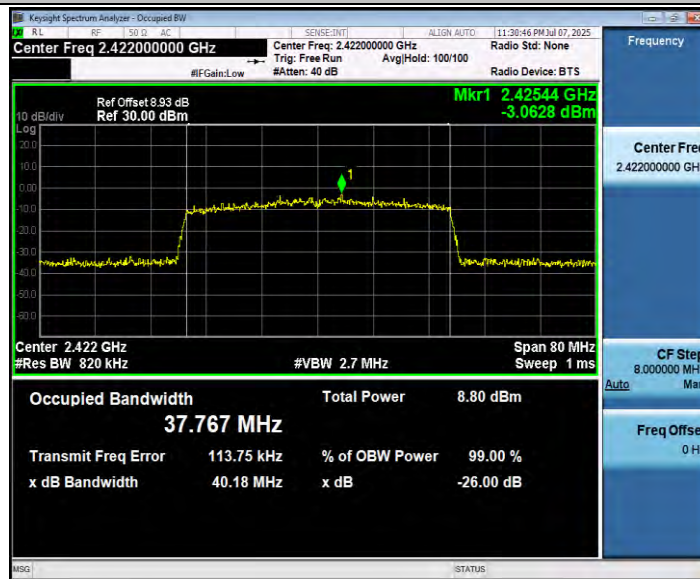
11AX20SISO_Ant2_2437



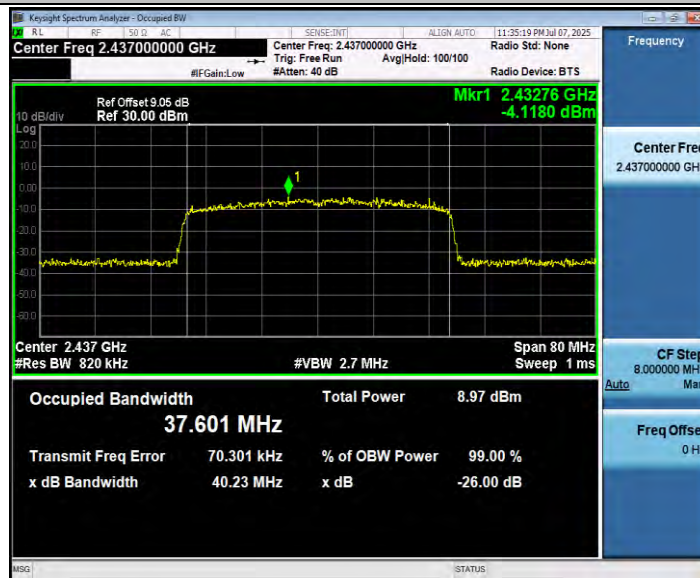
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	7.57	≤30.00	PASS
		2437	8.32	≤30.00	PASS
		2462	8.86	≤30.00	PASS
11G	Ant2	2412	7.81	≤30.00	PASS
		2437	8.15	≤30.00	PASS
		2462	8.37	≤30.00	PASS
11N20SISO	Ant2	2412	8.23	≤30.00	PASS
		2437	8.37	≤30.00	PASS
		2462	8.53	≤30.00	PASS
11N40SISO	Ant2	2422	8.64	≤30.00	PASS
		2437	8.43	≤30.00	PASS
		2452	8.50	≤30.00	PASS
11AX20SISO	Ant2	2412	8.63	≤30.00	PASS
		2437	8.48	≤30.00	PASS
		2462	8.57	≤30.00	PASS
11AX40SISO	Ant2	2422	8.87	≤30.00	PASS
		2437	8.38	≤30.00	PASS
		2452	8.44	≤30.00	PASS

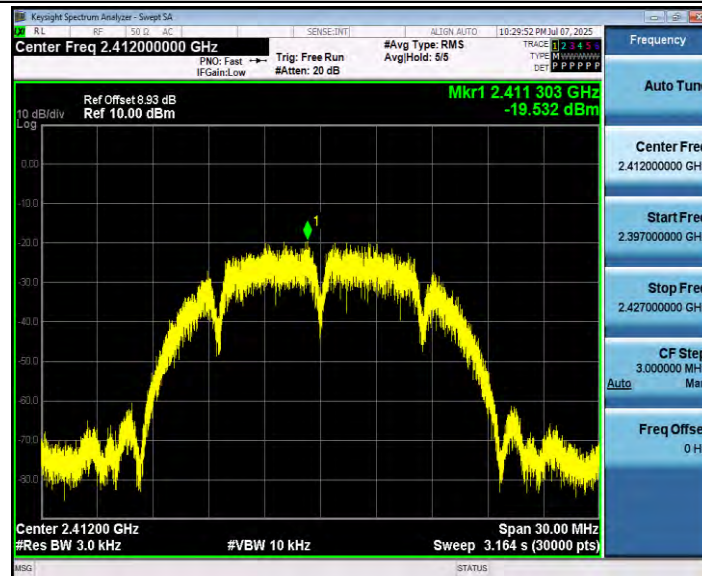
Appendix C.4: Maximum power spectral density

Test Result

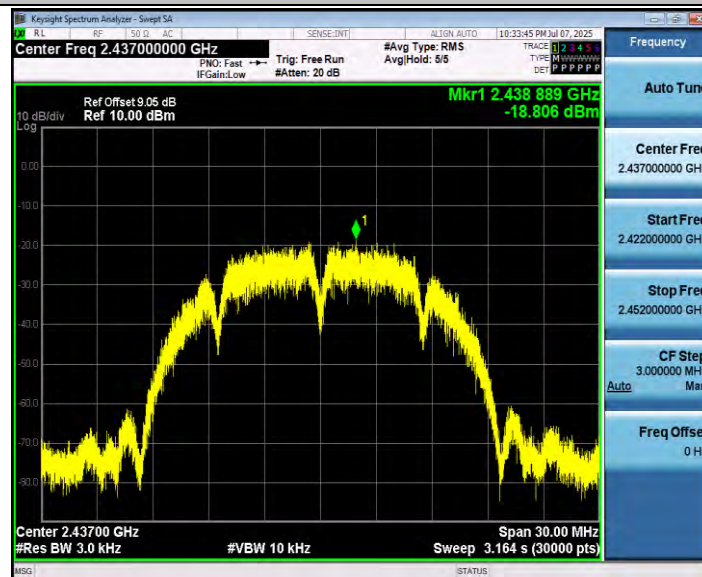
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-19.53	≤8.00	PASS
		2437	-18.81	≤8.00	PASS
		2462	-17.88	≤8.00	PASS
11G	Ant2	2412	-26.31	≤8.00	PASS
		2437	-25.66	≤8.00	PASS
		2462	-25.62	≤8.00	PASS
11N20SISO	Ant2	2412	-23.87	≤8.00	PASS
		2437	-23.17	≤8.00	PASS
		2462	-23.75	≤8.00	PASS
11N40SISO	Ant2	2422	-25.00	≤8.00	PASS
		2437	-25.80	≤8.00	PASS
		2452	-26.62	≤8.00	PASS
11AX20SISO	Ant2	2412	-24.11	≤8.00	PASS
		2437	-24.21	≤8.00	PASS
		2462	-24.77	≤8.00	PASS
11AX40SISO	Ant2	2422	-26.96	≤8.00	PASS
		2437	-26.90	≤8.00	PASS
		2452	-27.53	≤8.00	PASS

Test Graphs

11B_Ant2_2412



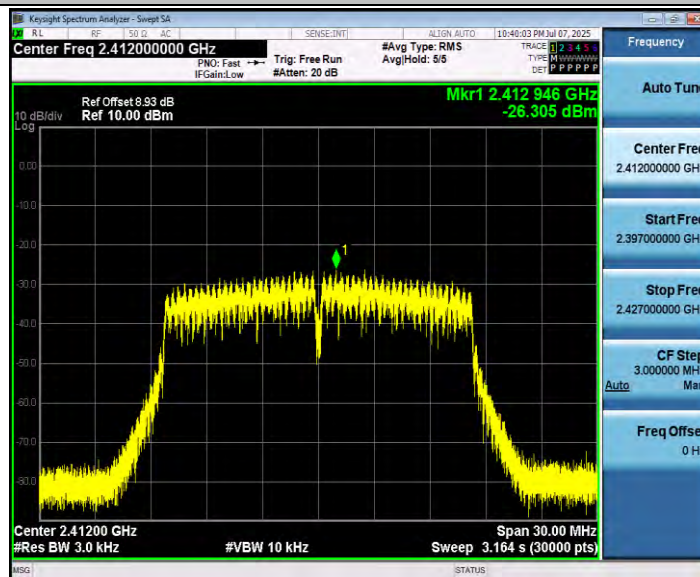
11B_Ant2_2437



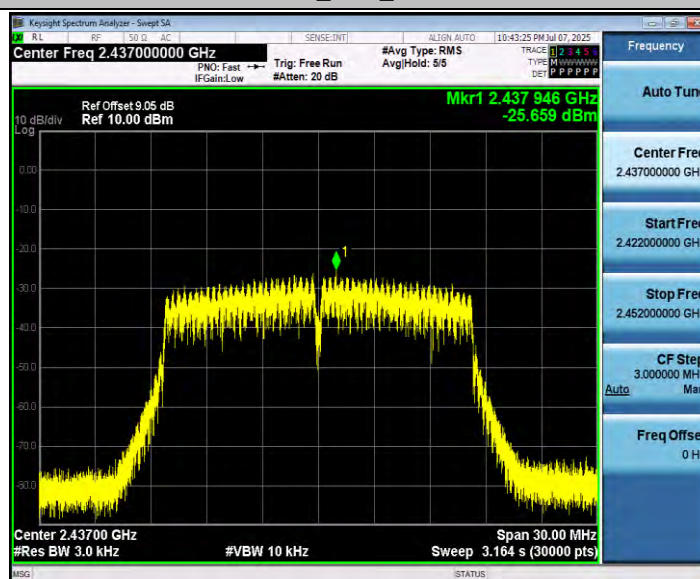
11B_Ant2_2462



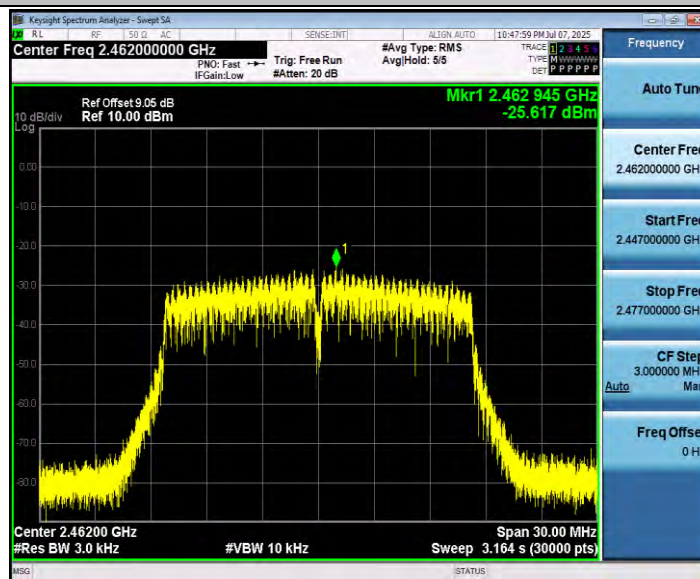
11G_Ant2_2412



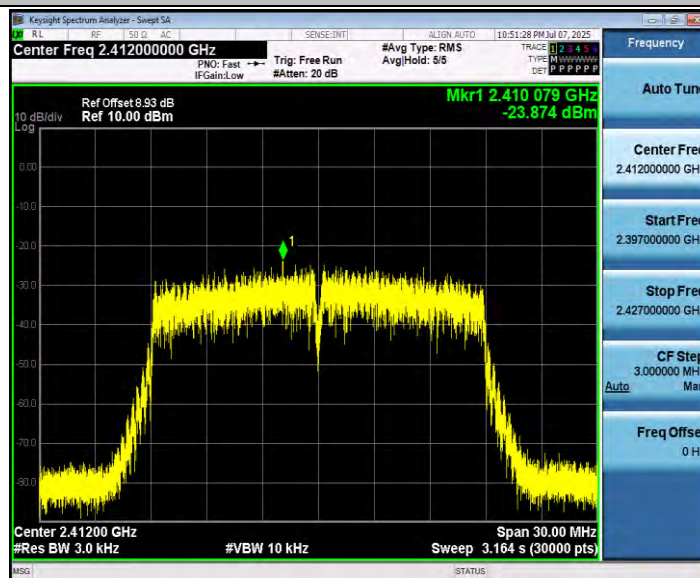
11G_Ant2_2437



11G_Ant2_2462



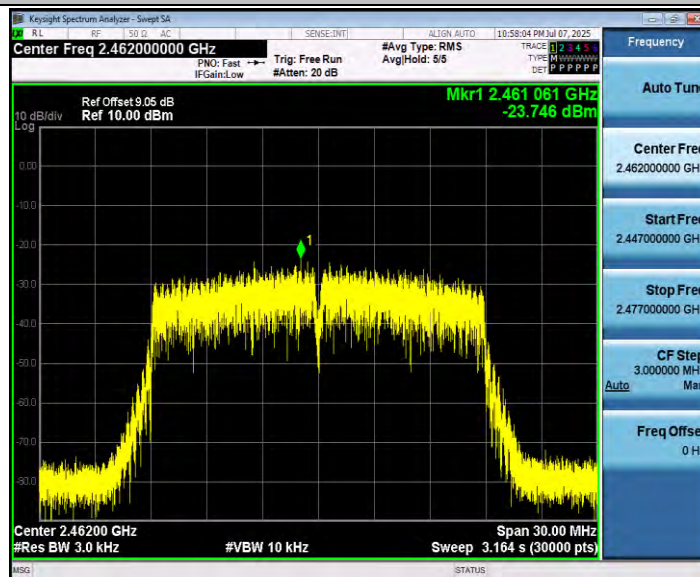
11N20SISO_Ant2_2412



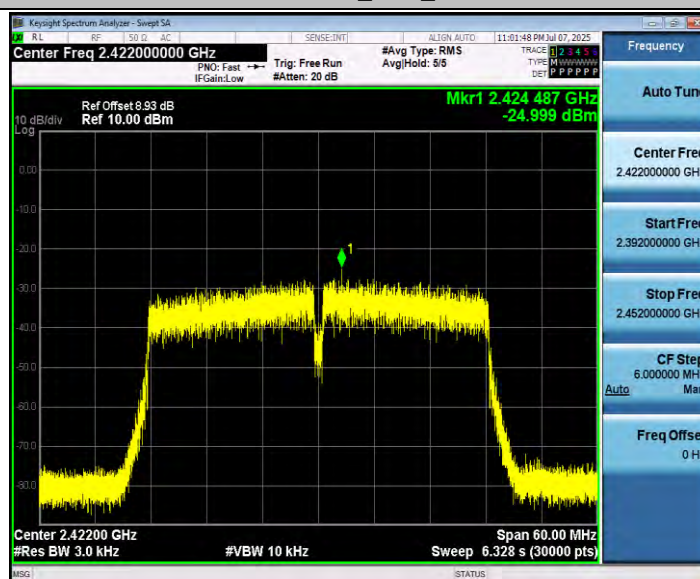
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



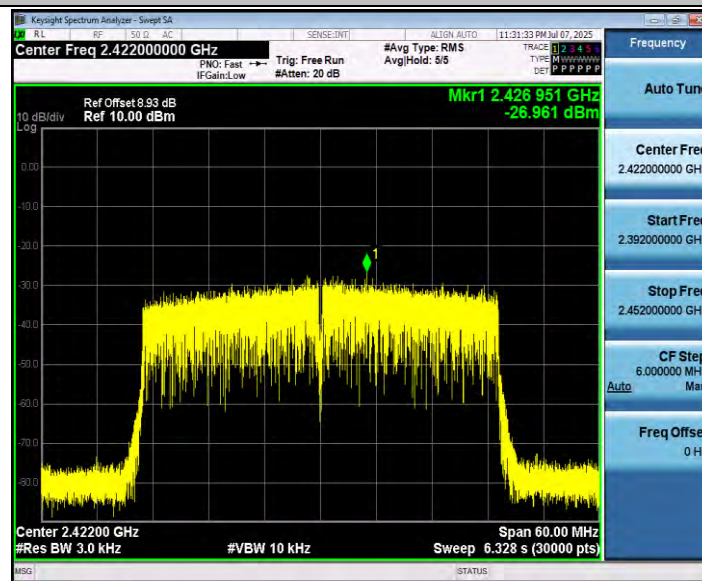
11AX20SISO_Ant2_2437



11AX20SISO_Ant2_2462



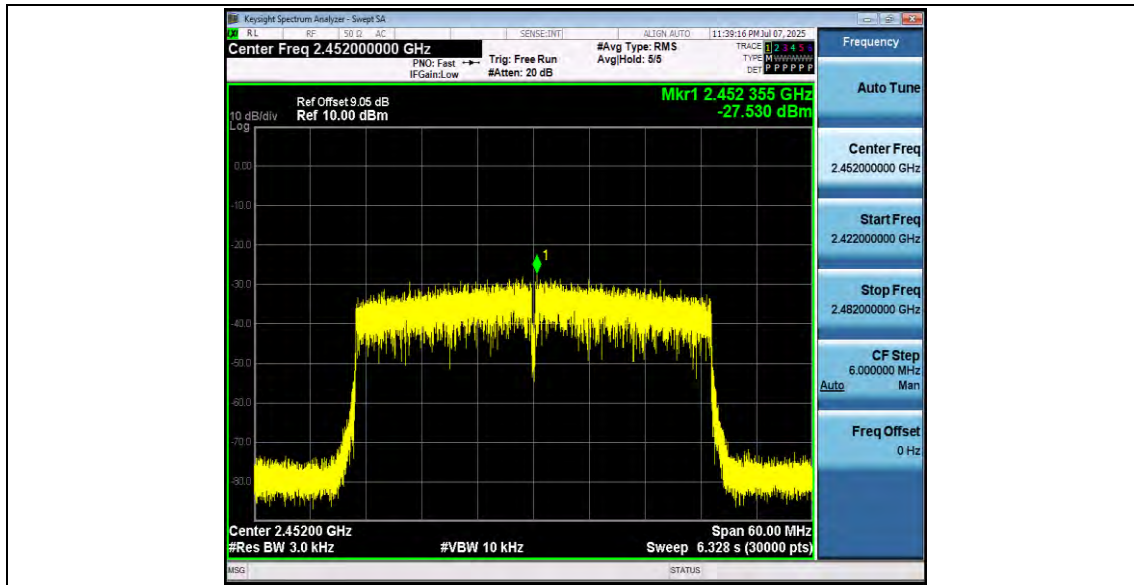
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452

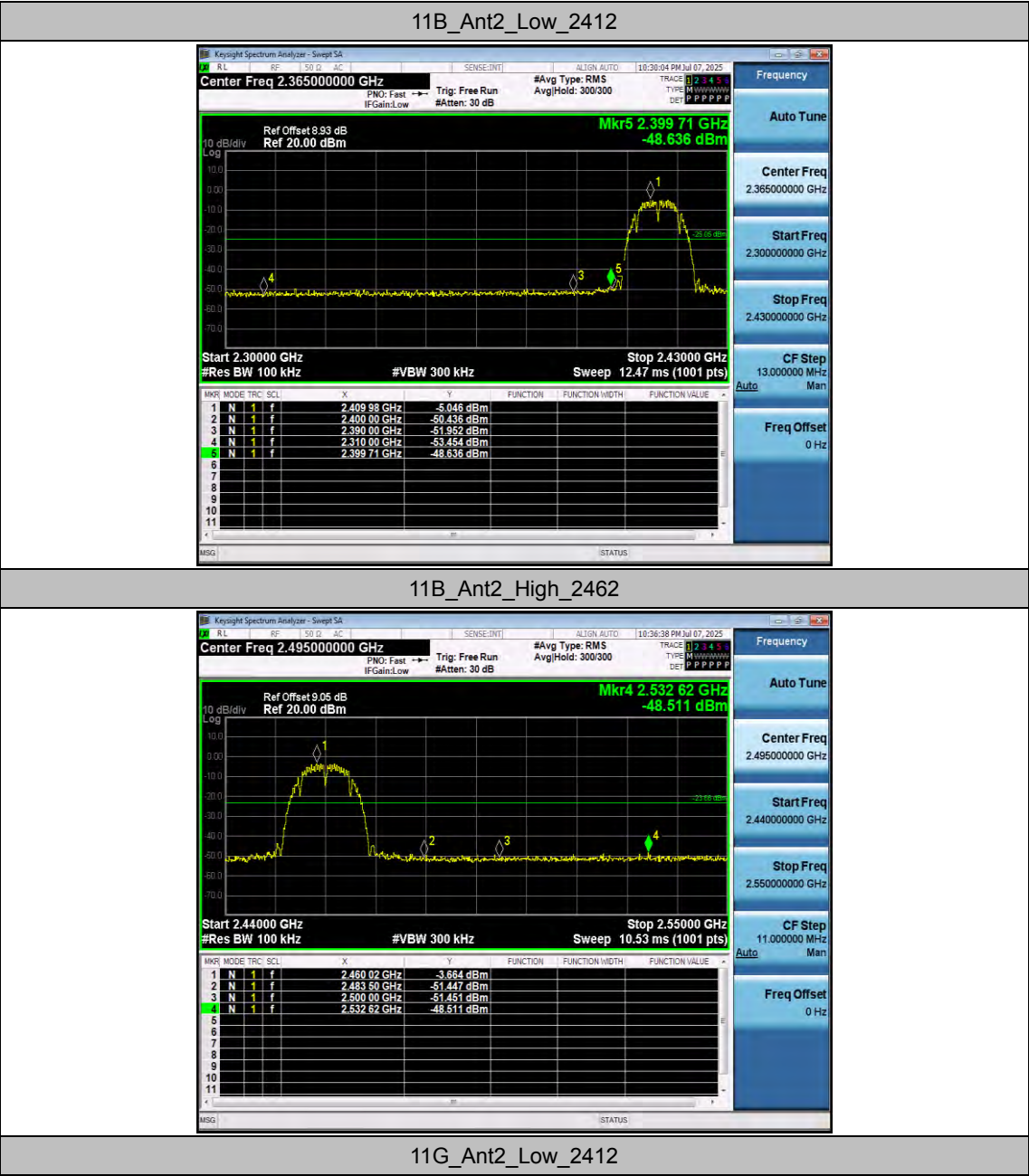


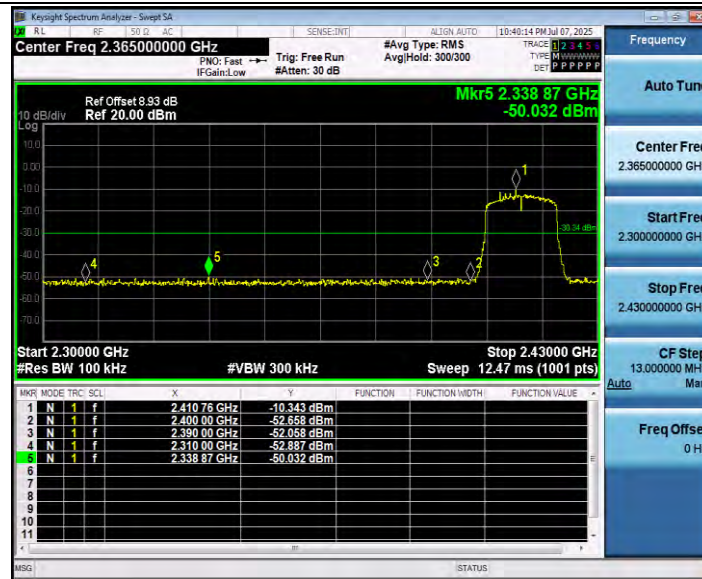
Appendix C.5: Band edge measurements

Test Result

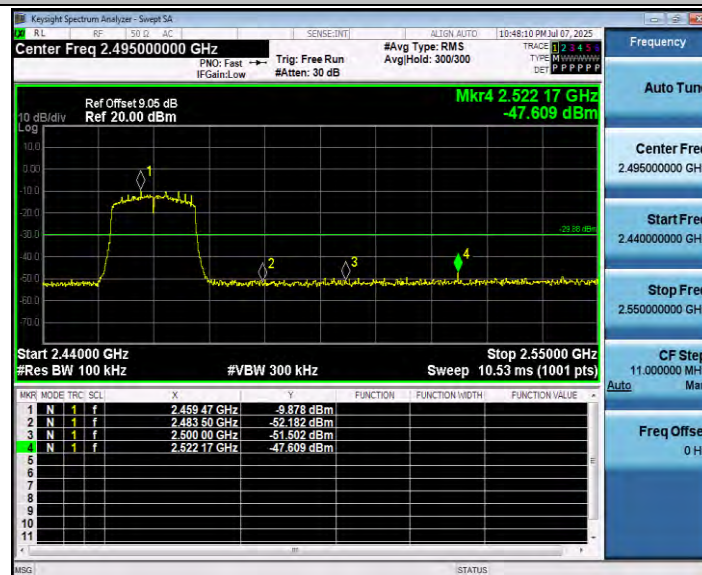
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-5.05	-48.64	≤ -25.05	PASS
		High	2462	-3.66	-48.51	≤ -23.66	PASS
11G	Ant2	Low	2412	-10.34	-50.03	≤ -30.34	PASS
		High	2462	-9.88	-47.61	≤ -29.88	PASS
11N20SISO	Ant2	Low	2412	-10.16	-49.88	≤ -30.16	PASS
		High	2462	-9.02	-49.4	≤ -29.02	PASS
11N40SISO	Ant2	Low	2422	-12.17	-50.38	≤ -32.17	PASS
		High	2452	-12.09	-48.7	≤ -32.09	PASS
11AX20SISO	Ant2	Low	2412	-11.19	-50.07	≤ -31.19	PASS
		High	2462	-11.77	-48.61	≤ -31.77	PASS
11AX40SISO	Ant2	Low	2422	-12.00	-50.33	≤ -32	PASS
		High	2452	-12.81	-49.94	≤ -32.81	PASS

Test Graphs

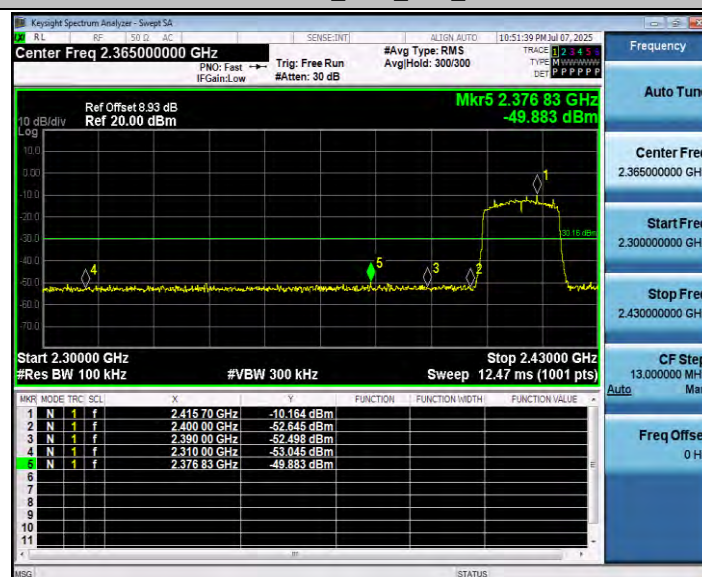




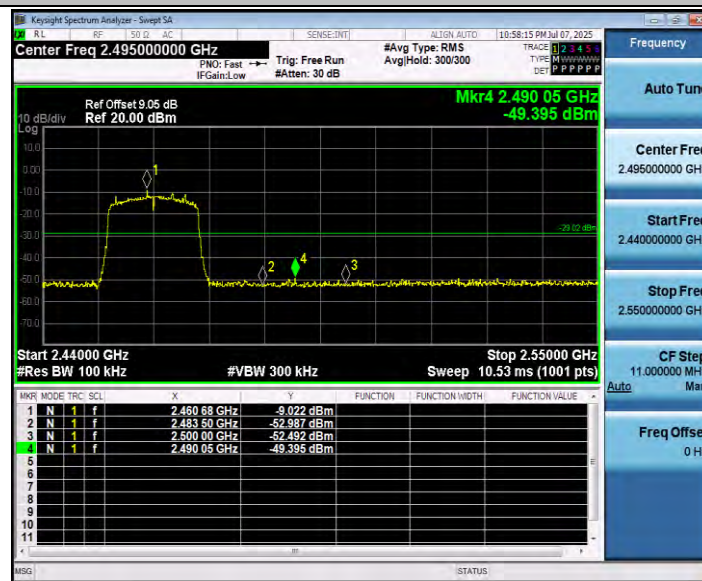
11G_Ant2_High_2462



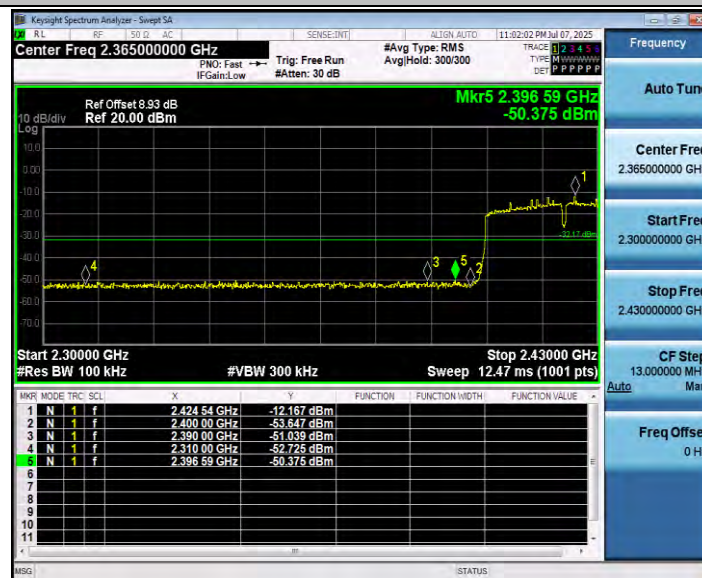
11N20SISO_Ant2_Low_2412



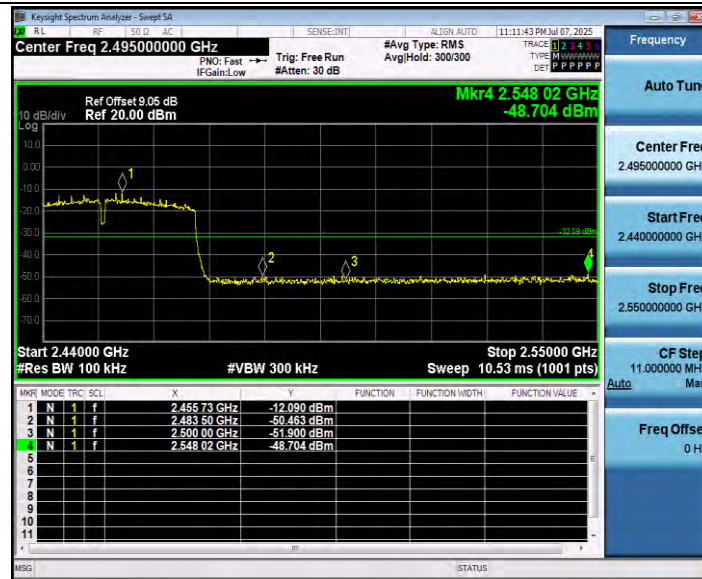
11N20SISO_Ant2_High_2462



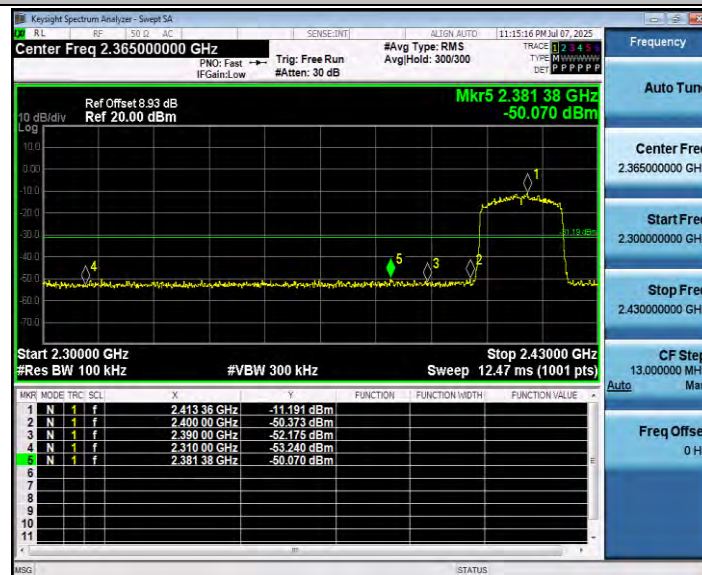
11N40SISO_Ant2_Low_2422



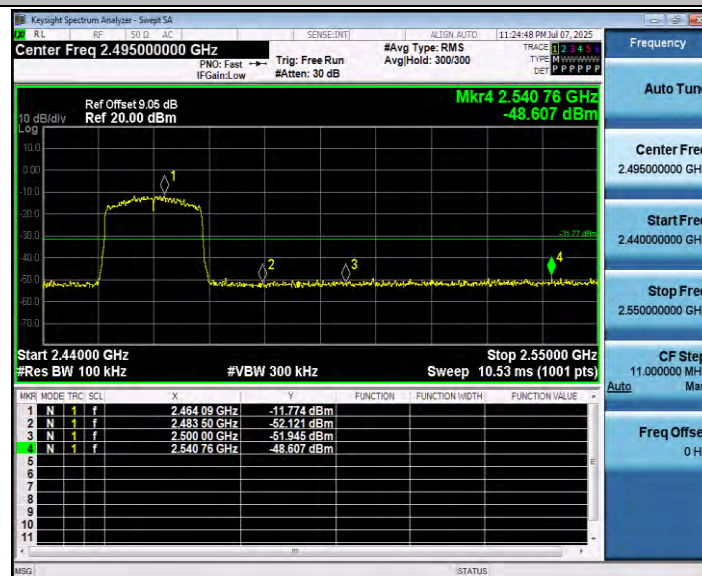
11N40SISO_Ant2_High_2452



11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



11AX40SISO_Ant2_Low_2422



11AX40SISO_Ant2_High_2452

