

Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BRST-A2

Company : Shenzhen City Meimeiyizu Technology CO., LTD

EUT : Magnetic selfie screen

Model Number : A2

Report No. : CTA25073000402

Reviewed By : Eric Wang

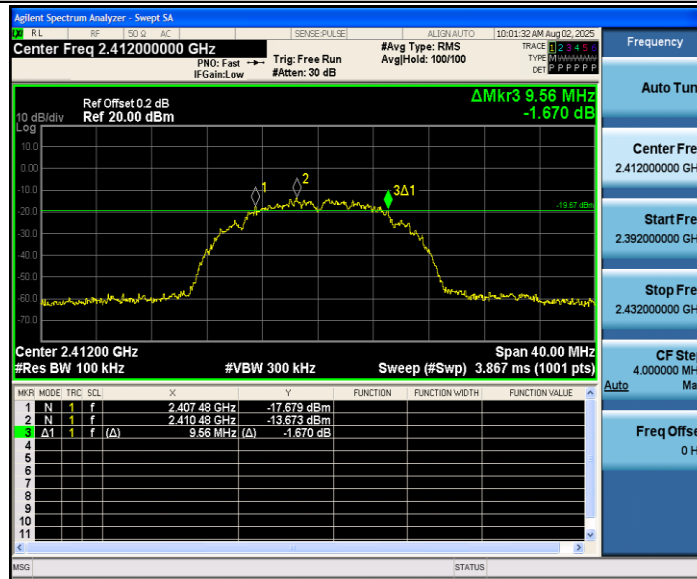
Appendix A: DTS Bandwidth

Test Result

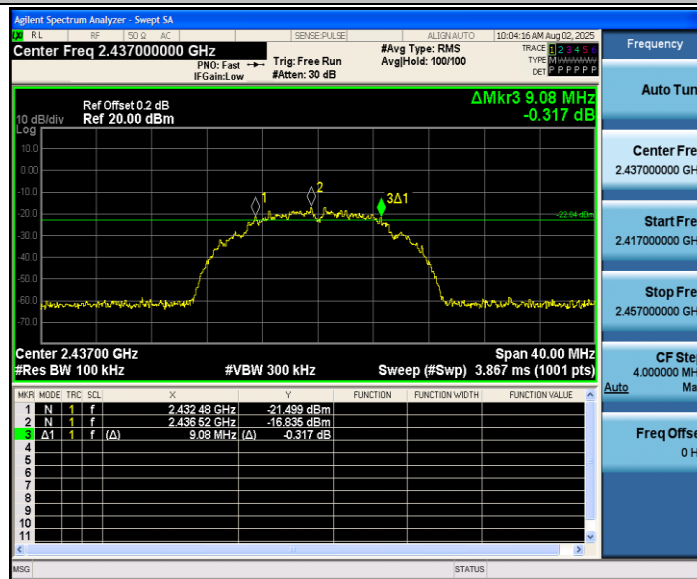
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.480	2417.040	0.5	PASS
		2437	9.080	2432.480	2441.560	0.5	PASS
		2462	8.880	2457.480	2466.360	0.5	PASS
11G	Ant1	2412	16.520	2403.760	2420.280	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.520	2453.760	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	33.760	2405.120	2438.880	0.5	PASS
		2437	33.920	2420.360	2454.280	0.5	PASS
		2452	33.760	2435.120	2468.880	0.5	PASS
11AX20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.400	2428.240	2445.640	0.5	PASS
		2462	17.520	2453.240	2470.760	0.5	PASS
11AX40SISO	Ant1	2422	34.160	2405.120	2439.280	0.5	PASS
		2437	33.600	2420.440	2454.040	0.5	PASS
		2452	33.760	2435.120	2468.880	0.5	PASS

Test Graphs

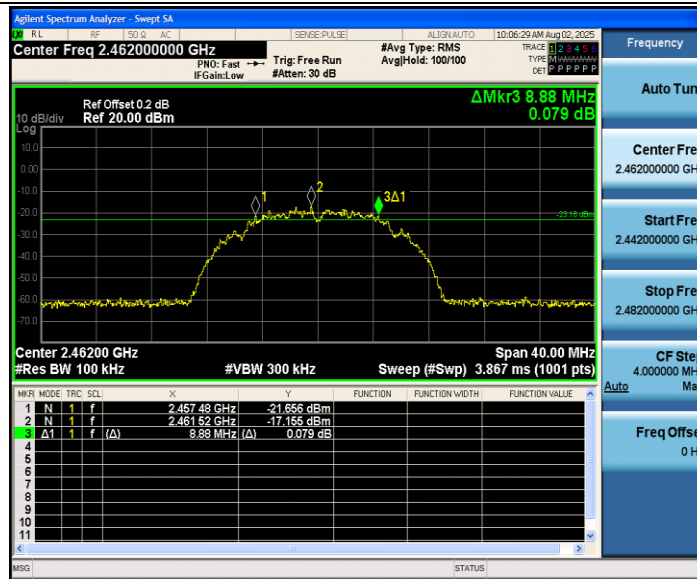
11B_Ant1_2412



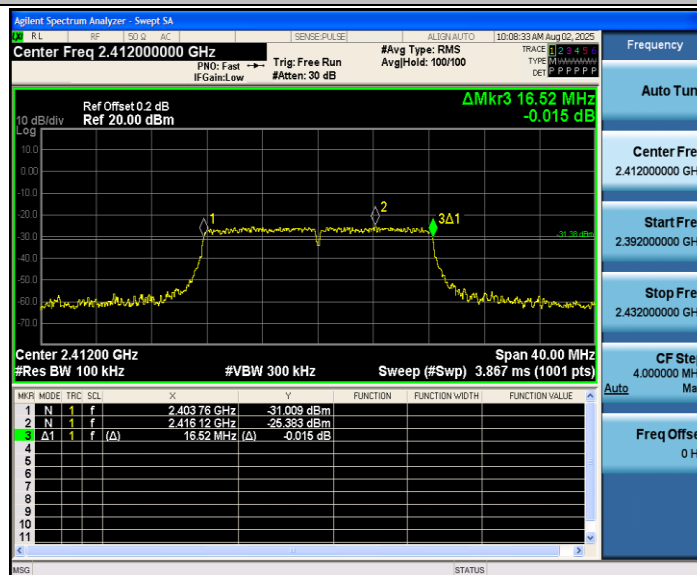
11B_Ant1_2437



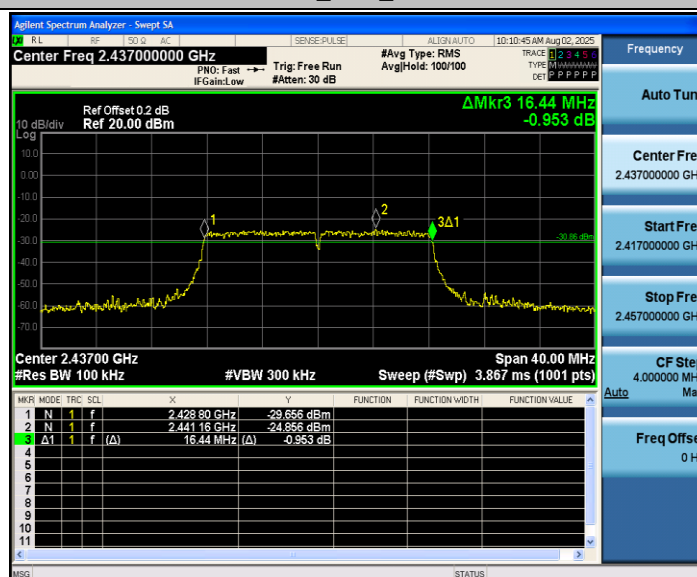
11B_Ant1_2462



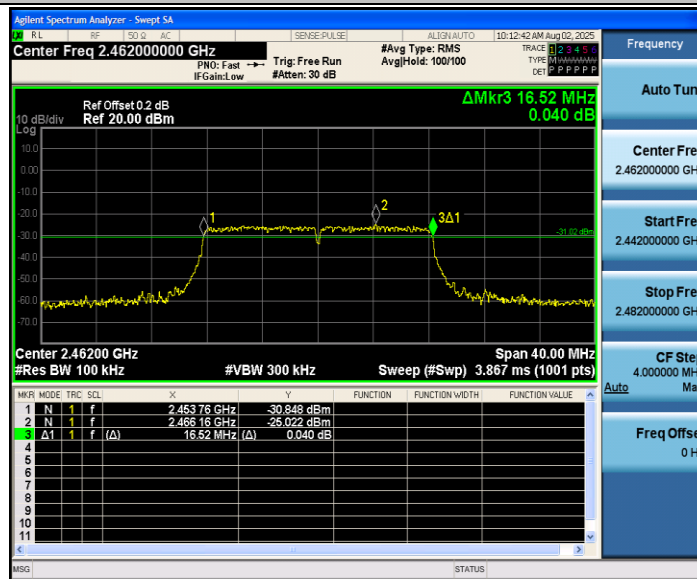
11G_Ant1_2412



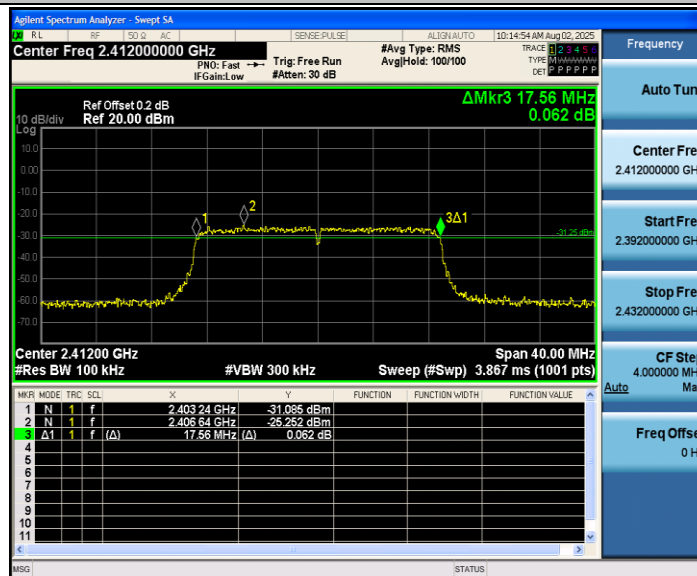
11G_Ant1_2437



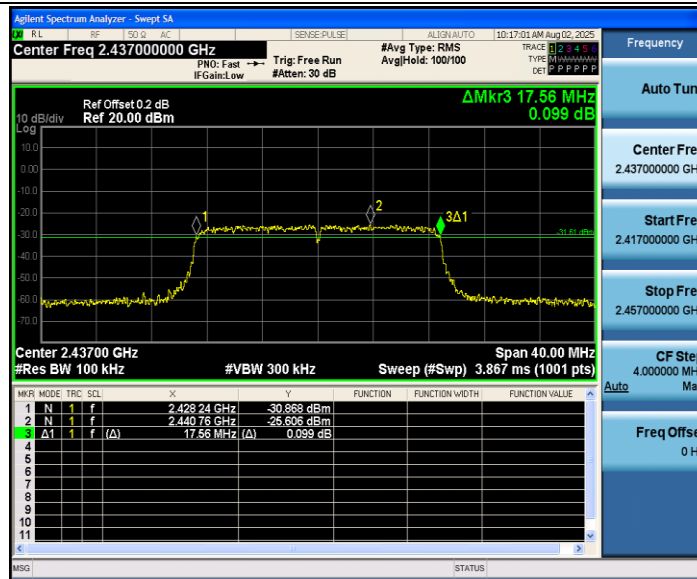
11G_Ant1_2462



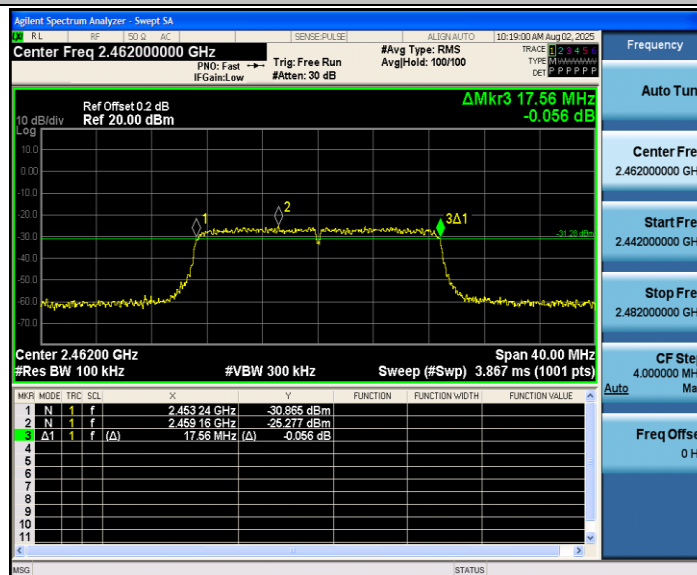
11N20SISO_Ant1_2412



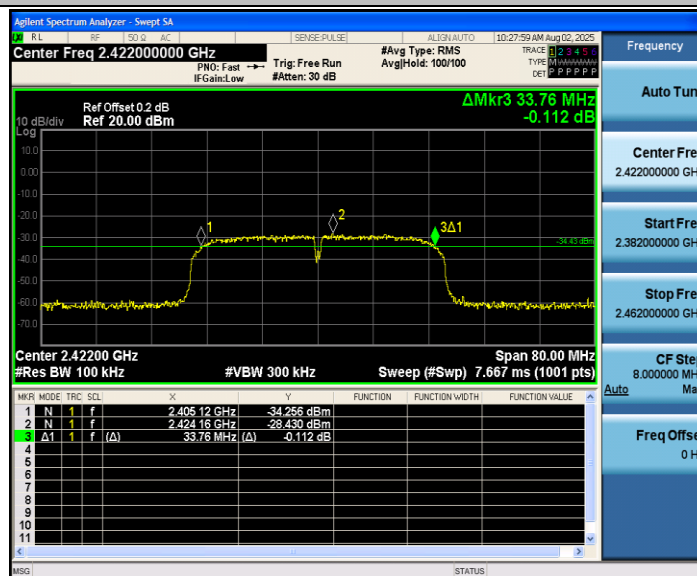
11N20SISO_Ant1_2437



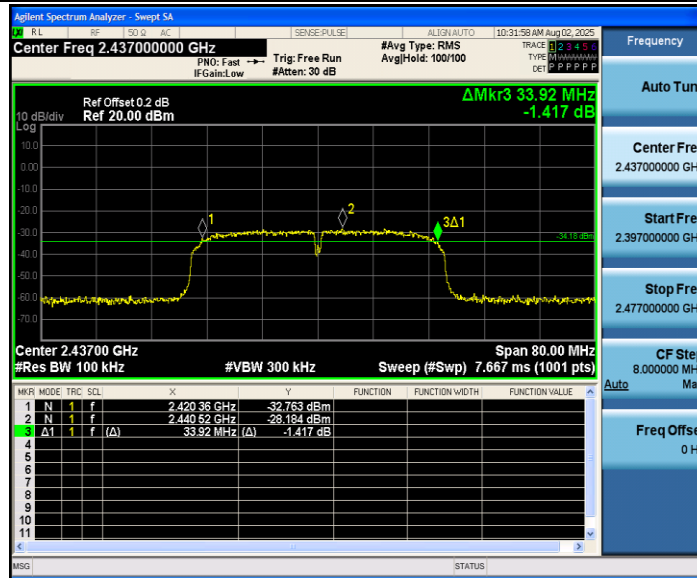
11N20SISO_Ant1_2462



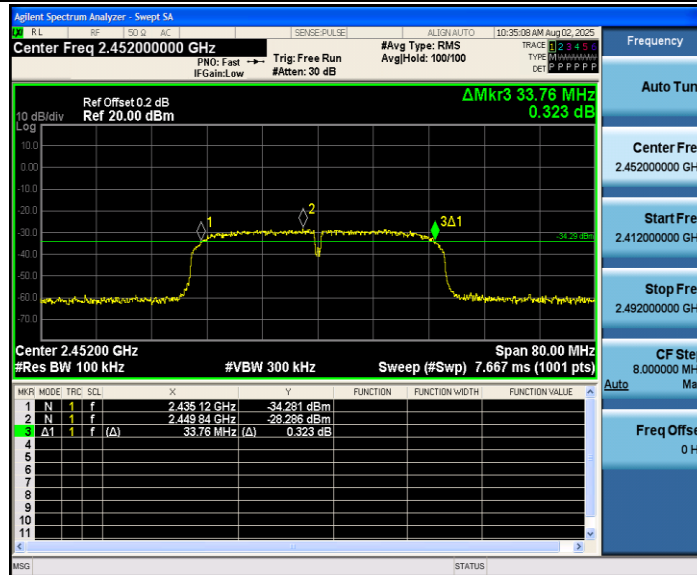
11N40SISO_Ant1_2422



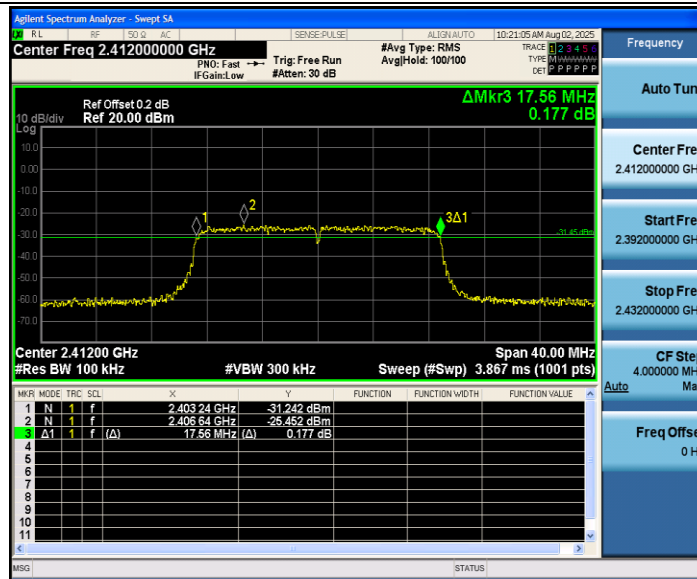
11N40SISO_Ant1_2437



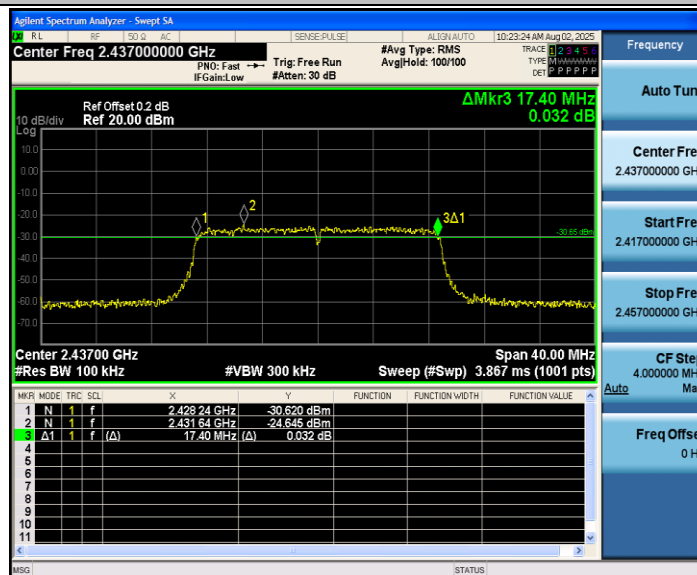
11N40SISO_Ant1_2452



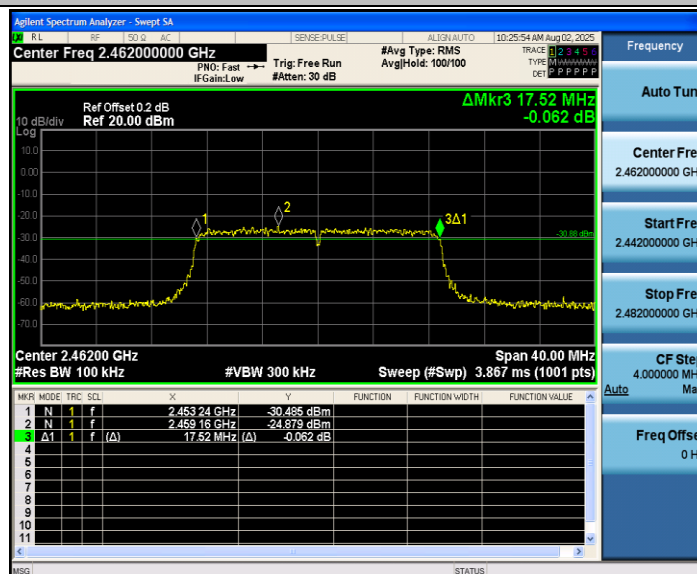
11AX20SISO_Ant1_2412



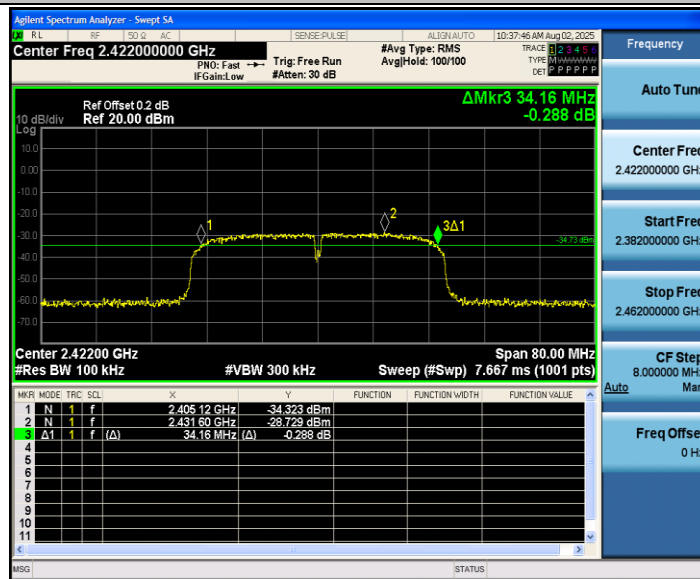
11AX20SISO_Ant1_2437



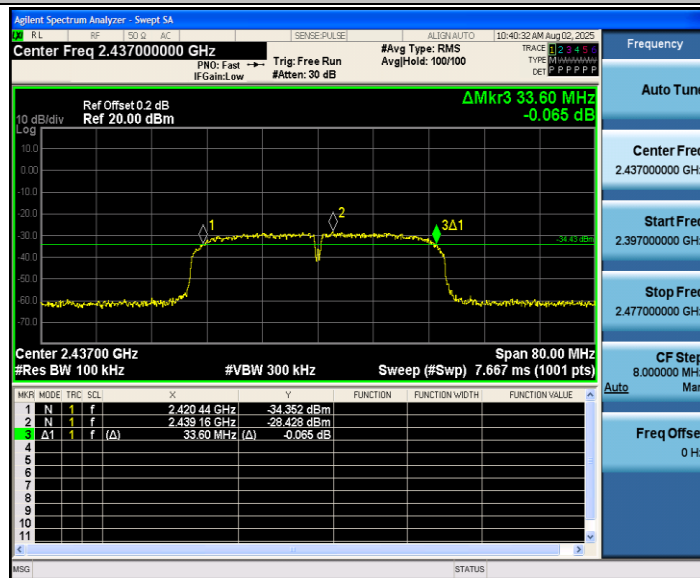
11AX20SISO_Ant1_2462



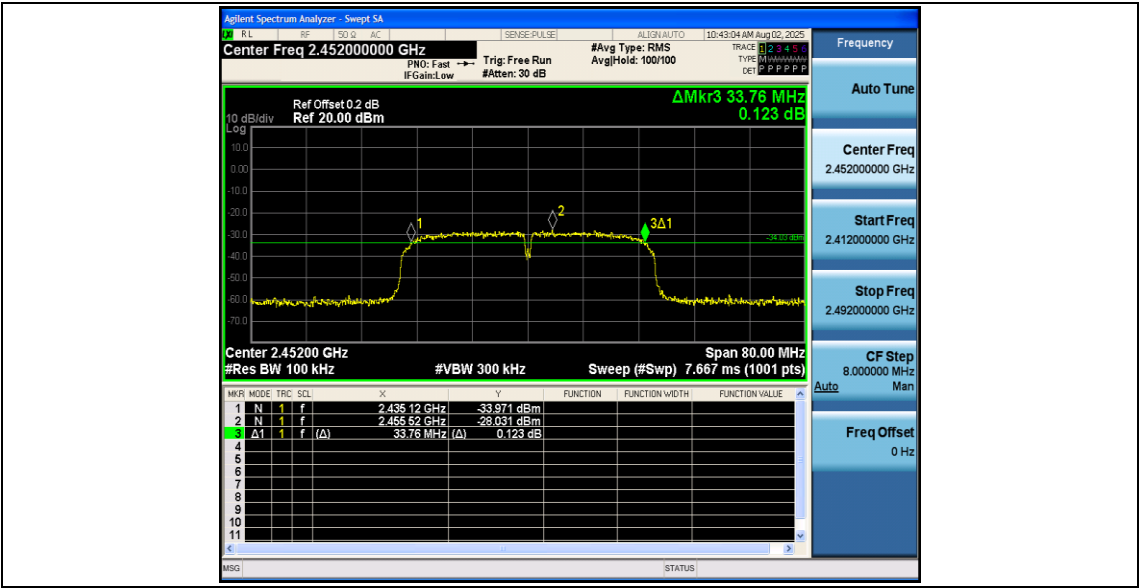
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



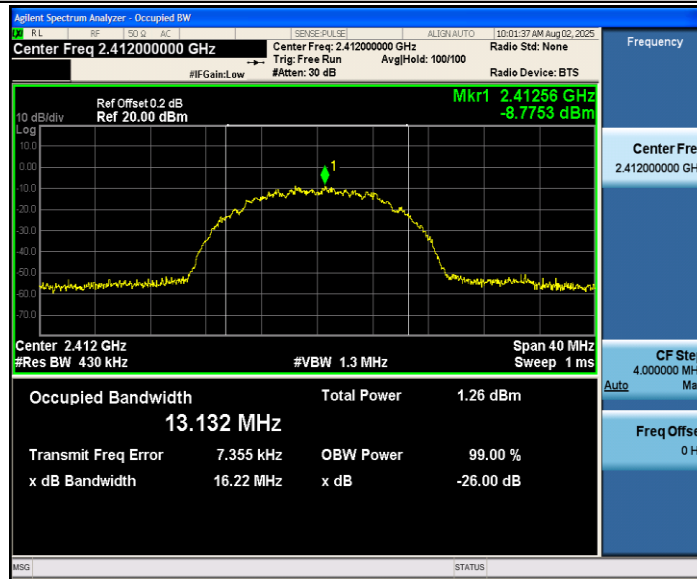
Appendix B: Occupied Channel Bandwidth

Test Result

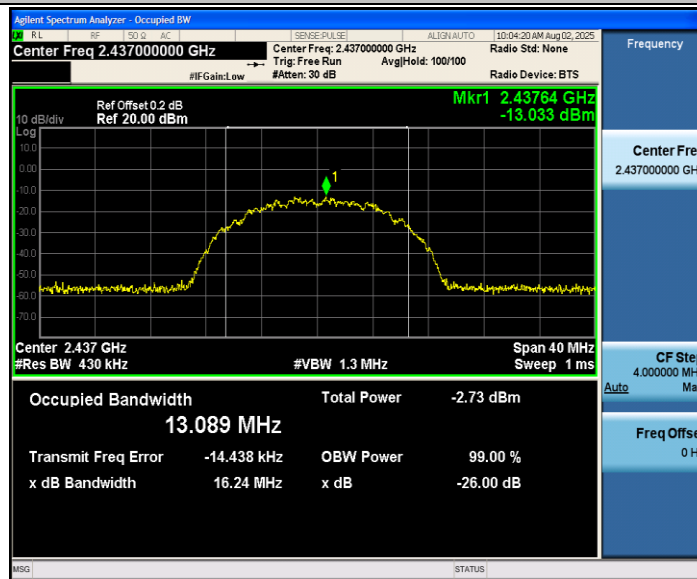
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.132	2405.4414	2418.5734	---	---
		2437	13.089	2430.4411	2443.5301	---	---
		2462	13.119	2455.4482	2468.5672	---	---
11G	Ant1	2412	16.588	2403.7745	2420.3625	---	---
		2437	16.640	2428.7011	2445.3411	---	---
		2462	16.644	2453.7077	2470.3517	---	---
11N20SISO	Ant1	2412	17.484	2403.2960	2420.7800	---	---
		2437	17.466	2428.3137	2445.7797	---	---
		2462	17.477	2453.2981	2470.7751	---	---
11N40SISO	Ant1	2422	34.939	2404.6594	2439.5984	---	---
		2437	34.893	2419.6668	2454.5598	---	---
		2452	34.850	2434.7079	2469.5579	---	---
11AX20SISO	Ant1	2412	17.466	2403.3060	2420.7720	---	---
		2437	17.475	2428.2999	2445.7749	---	---
		2462	17.447	2453.3101	2470.7571	---	---
11AX40SISO	Ant1	2422	34.846	2404.6744	2439.5204	---	---
		2437	34.924	2419.6503	2454.5743	---	---
		2452	34.971	2434.6270	2469.5980	---	---

Test Graphs

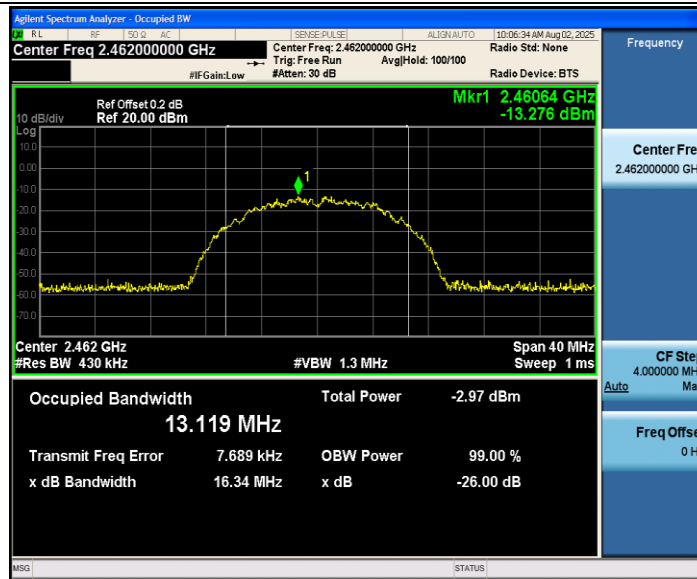
11B_Ant1_2412



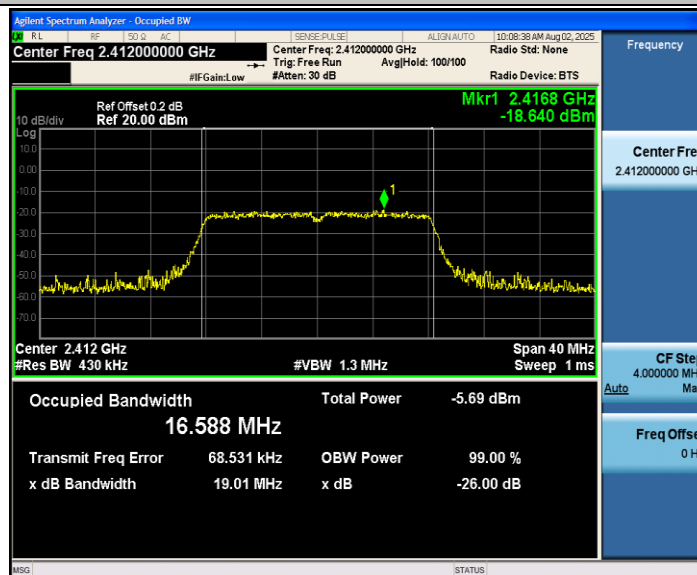
11B_Ant1_2437



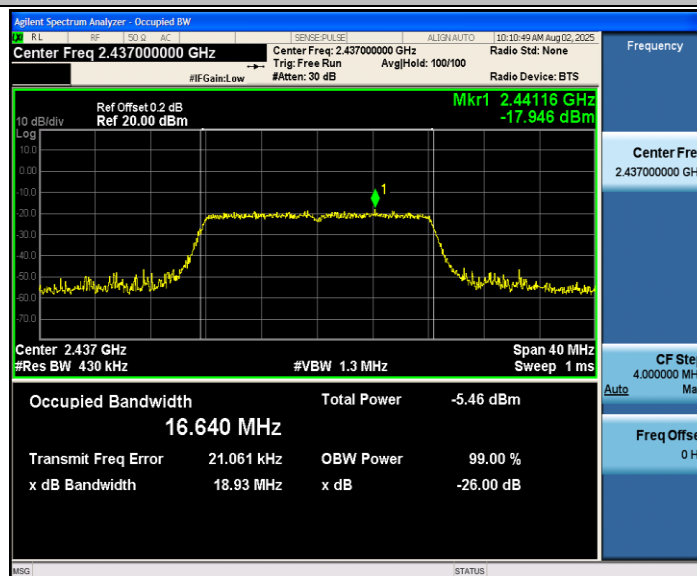
11B_Ant1_2462



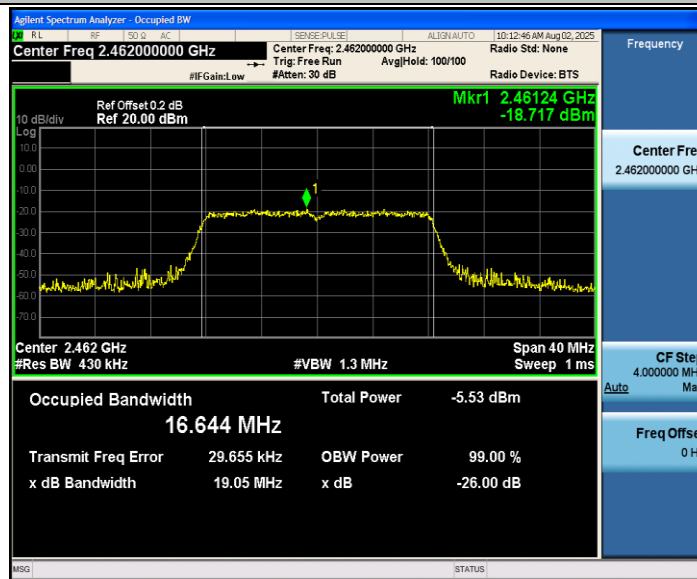
11G_Ant1_2412



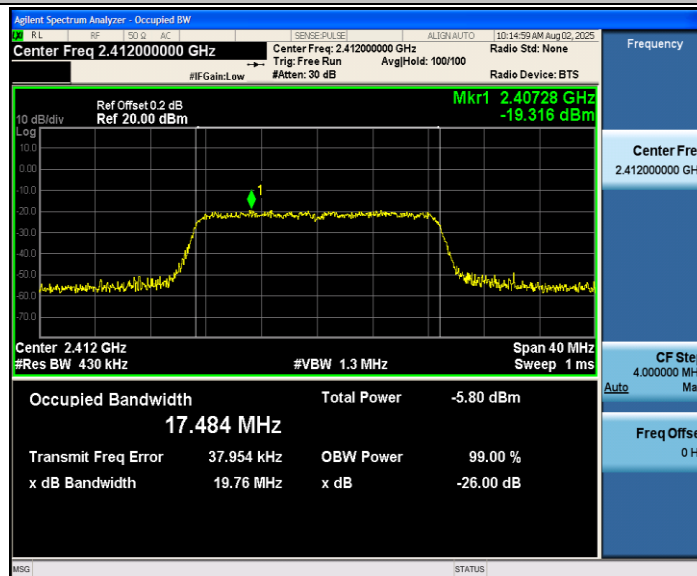
11G_Ant1_2437



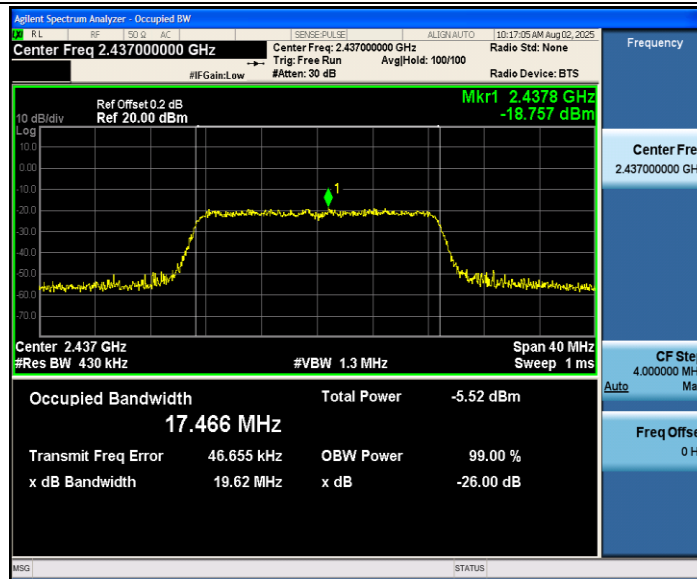
11G_Ant1_2462



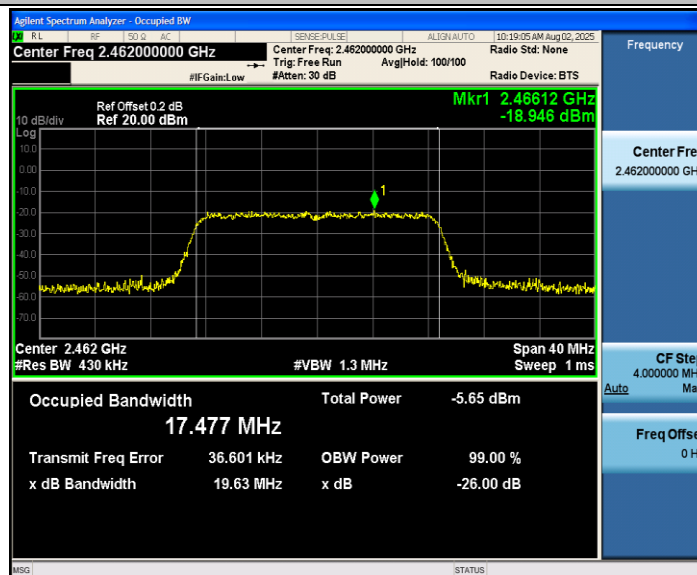
11N20SISO_Ant1_2412



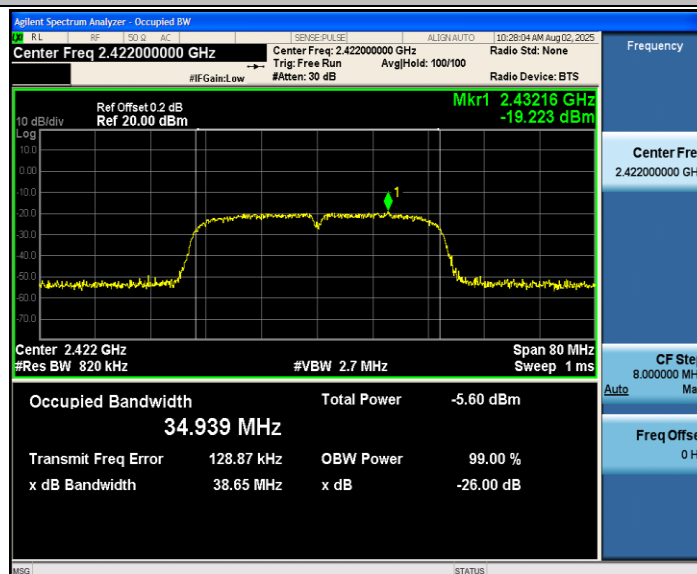
11N20SISO_Ant1_2437



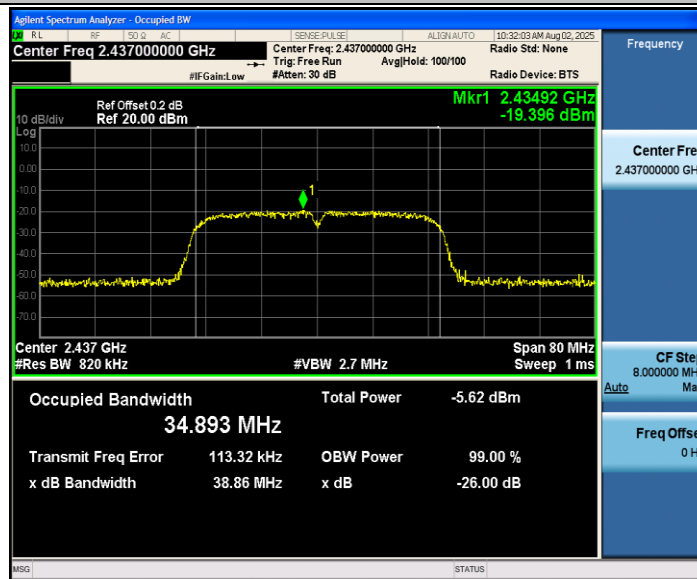
11N20SISO_Ant1_2462



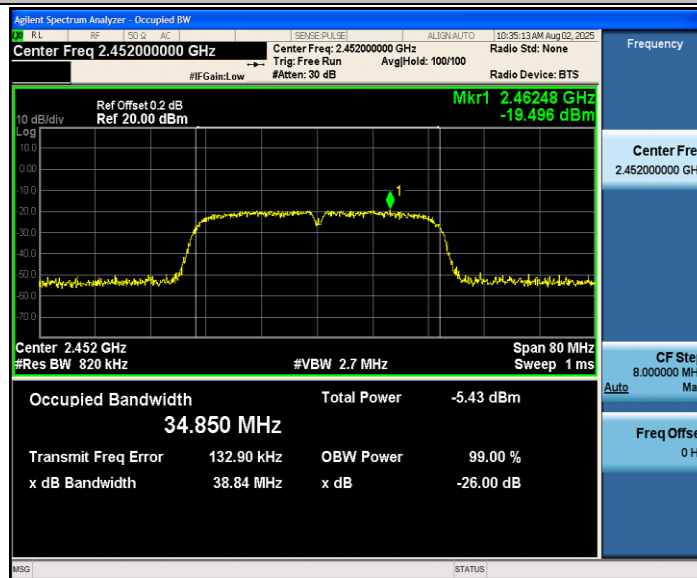
11N40SISO_Ant1_2422



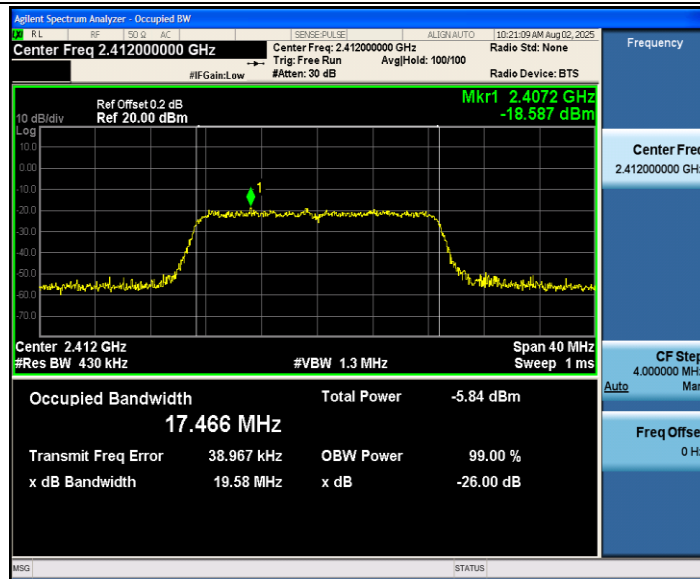
11N40SISO_Ant1_2437



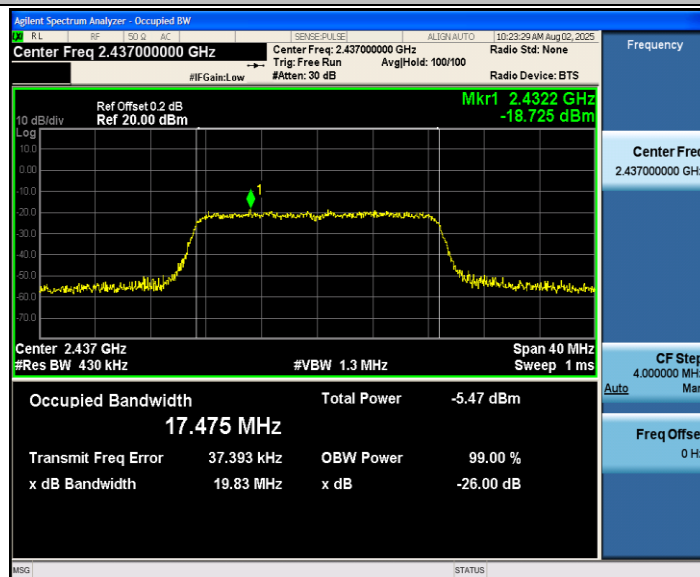
11N40SISO_Ant1_2452



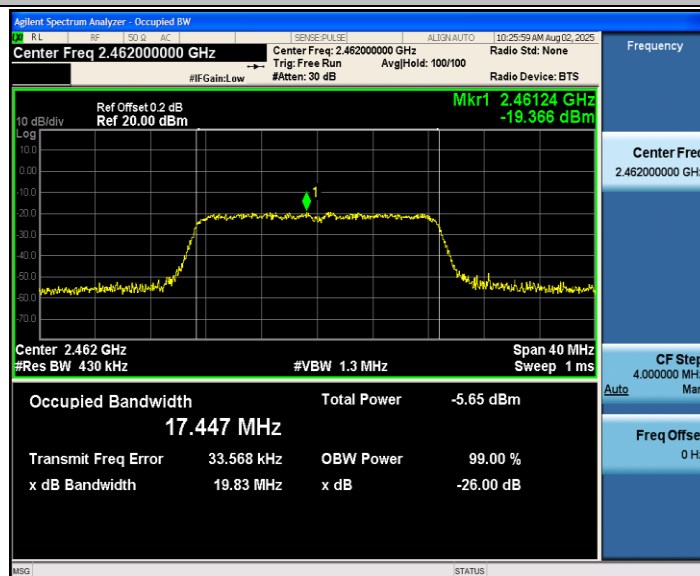
11AX20SISO_Ant1_2412



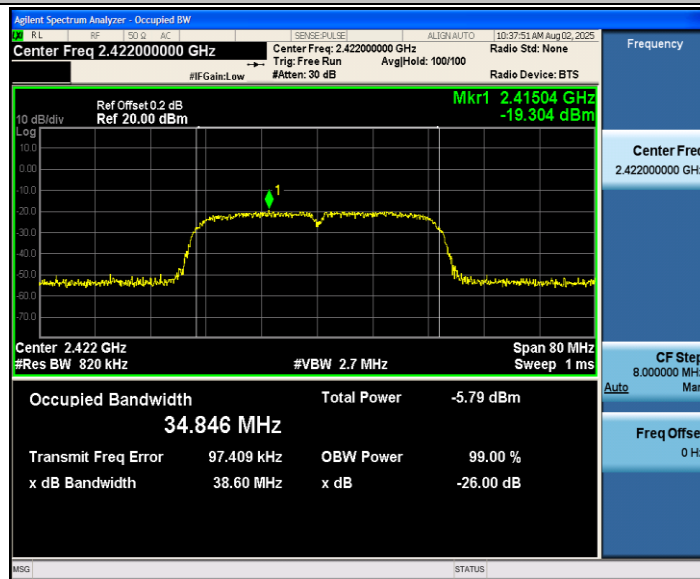
11AX20ISO_Ant1_2437



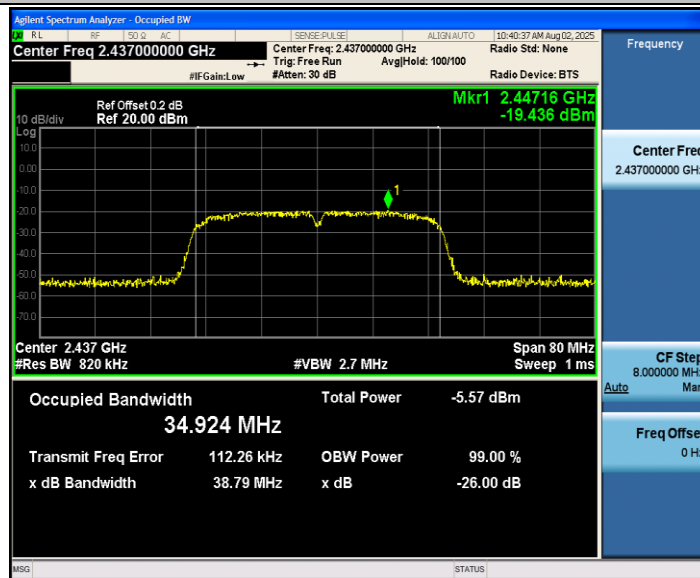
11AX20ISO_Ant1_2462



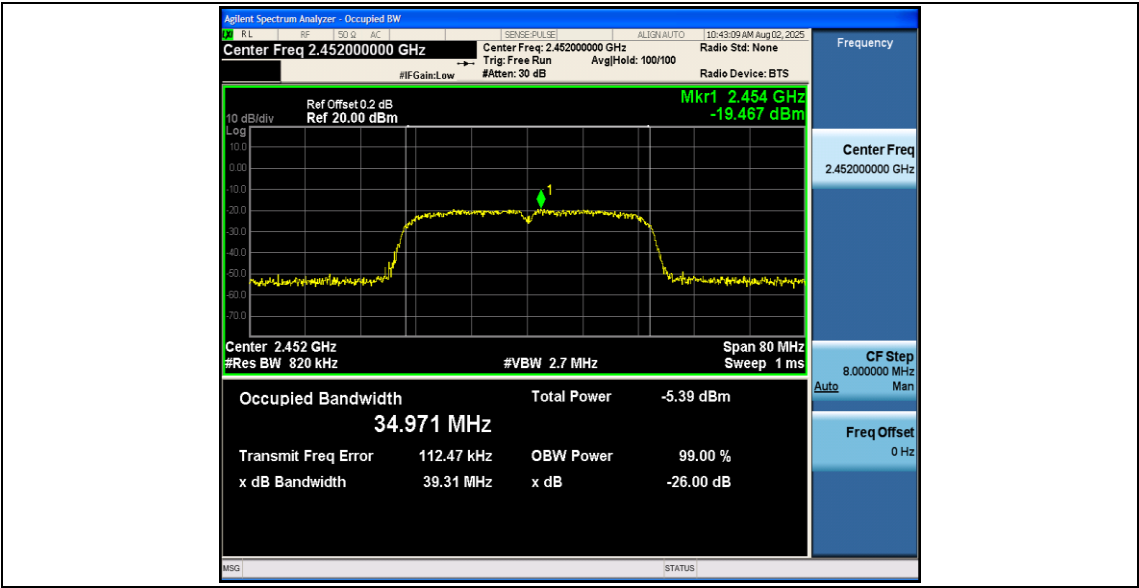
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	-3.28	≤30.00	PASS
		2437	-3.19	≤30.00	PASS
		2462	-3.43	≤30.00	PASS
11G	Ant1	2412	-4.87	≤30.00	PASS
		2437	-4.63	≤30.00	PASS
		2462	-4.76	≤30.00	PASS
11N20SISO	Ant1	2412	-4.59	≤30.00	PASS
		2437	-4.33	≤30.00	PASS
		2462	-4.53	≤30.00	PASS
11N40SISO	Ant1	2422	-5.43	≤30.00	PASS
		2437	-5.36	≤30.00	PASS
		2452	-5.24	≤30.00	PASS
11AX20SISO	Ant1	2412	-4.72	≤30.00	PASS
		2437	-4.37	≤30.00	PASS
		2462	-4.43	≤30.00	PASS
11AX40SISO	Ant1	2422	-5.47	≤30.00	PASS
		2437	-5.31	≤30.00	PASS
		2452	-5.19	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-32.25	≤8.00	PASS
		2437	-32.66	≤8.00	PASS
		2462	-32.25	≤8.00	PASS
11G	Ant1	2412	-39.23	≤8.00	PASS
		2437	-39.06	≤8.00	PASS
		2462	-39.11	≤8.00	PASS
11N20SISO	Ant1	2412	-38.85	≤8.00	PASS
		2437	-39.25	≤8.00	PASS
		2462	-38.80	≤8.00	PASS
11N40SISO	Ant1	2422	-40.92	≤8.00	PASS
		2437	-39.86	≤8.00	PASS
		2452	-40.29	≤8.00	PASS
11AX20SISO	Ant1	2412	-39.07	≤8.00	PASS
		2437	-38.77	≤8.00	PASS
		2462	-38.78	≤8.00	PASS
11AX40SISO	Ant1	2422	-40.53	≤8.00	PASS
		2437	-40.97	≤8.00	PASS
		2452	-40.62	≤8.00	PASS

Test Graphs

11B_Ant1_2412



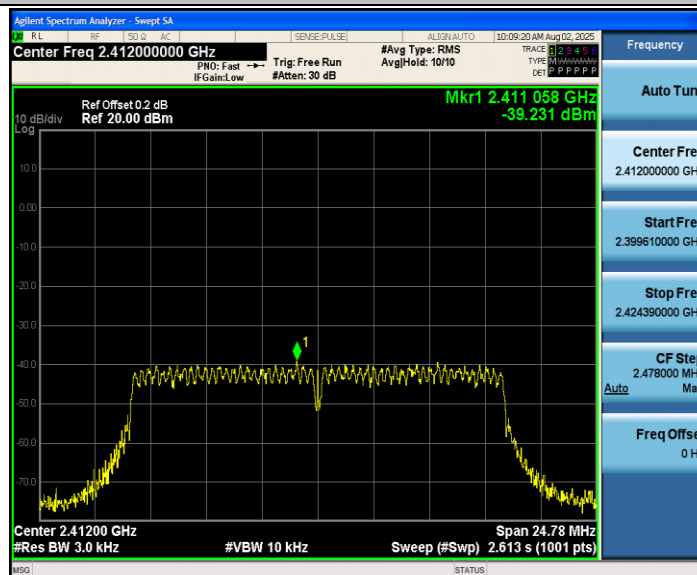
11B_Ant1_2437



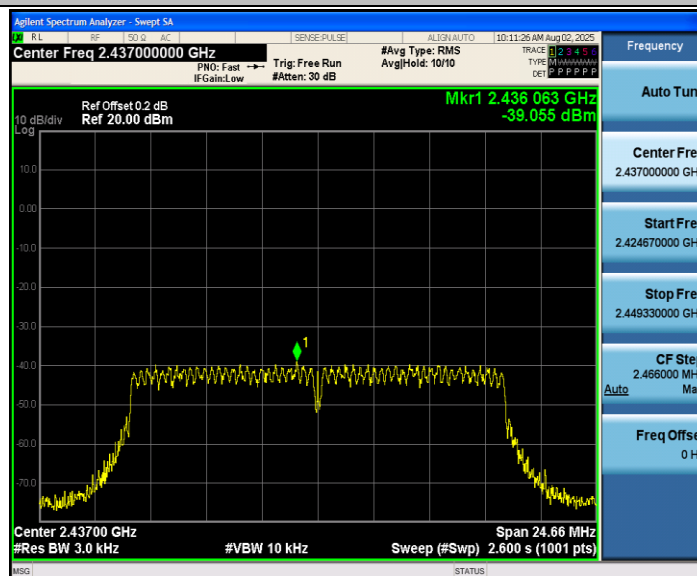
11B_Ant1_2462



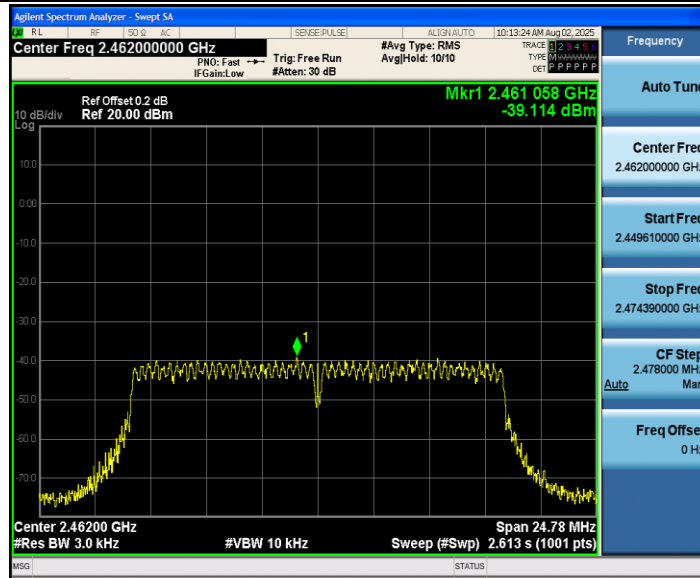
11G_Ant1_2412



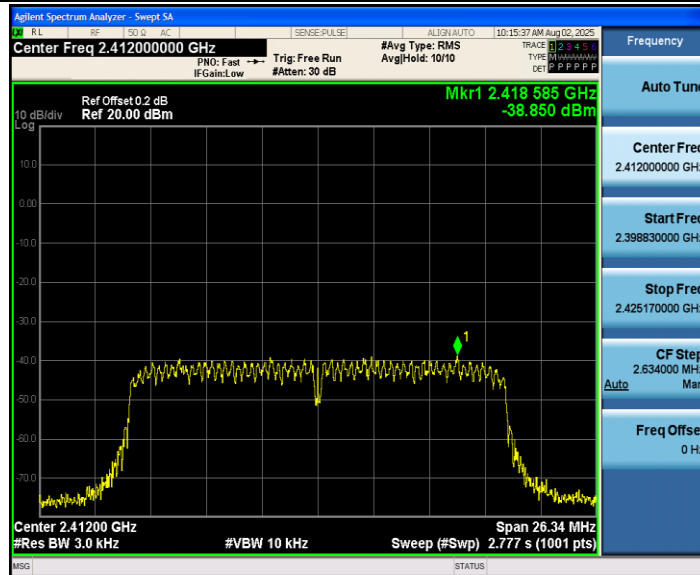
11G_Ant1_2437



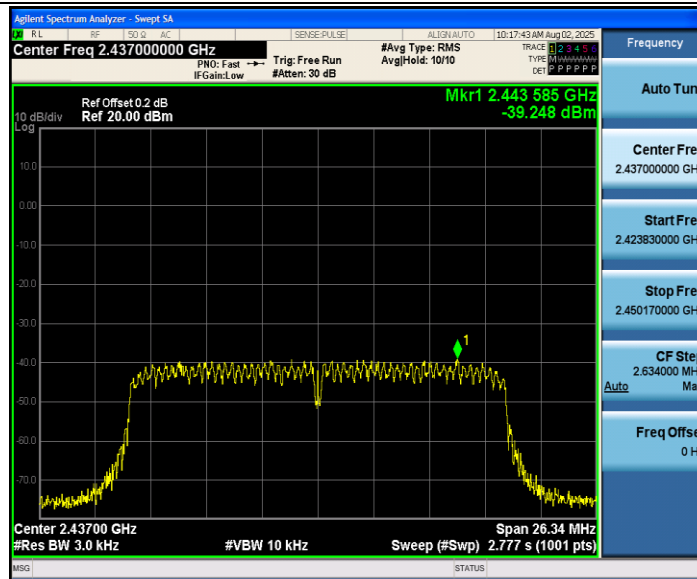
11G_Ant1_2462



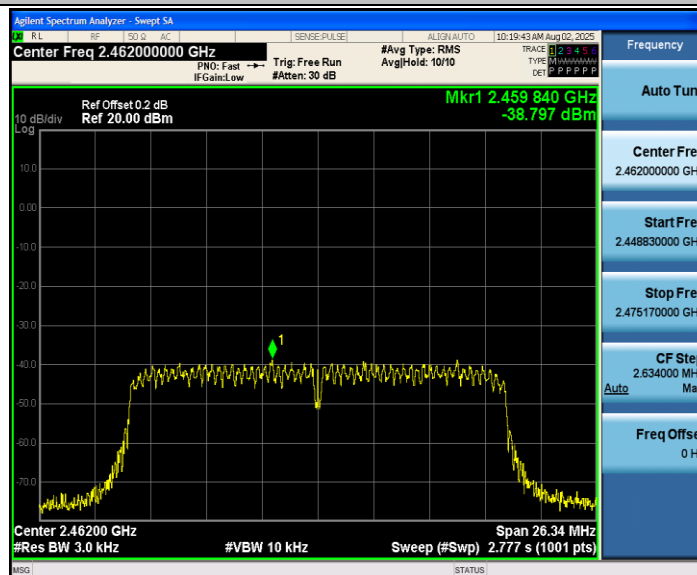
11N20SISO_Ant1_2412



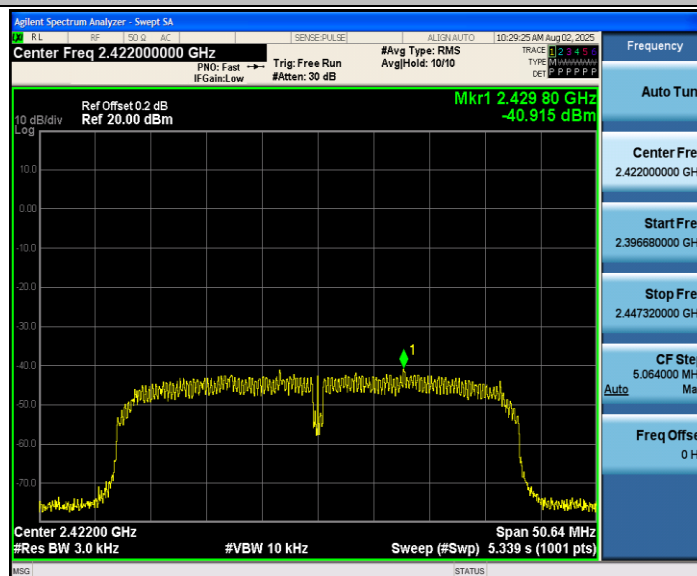
11N20SISO_Ant1_2437



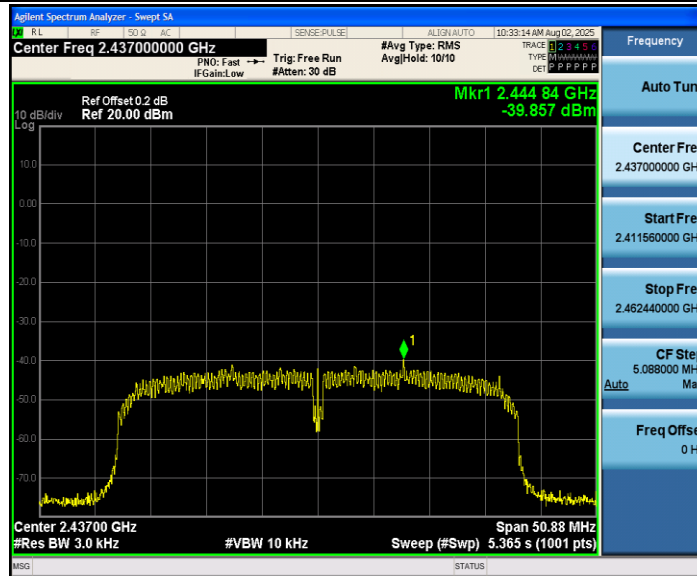
11N20SISO_Ant1_2462



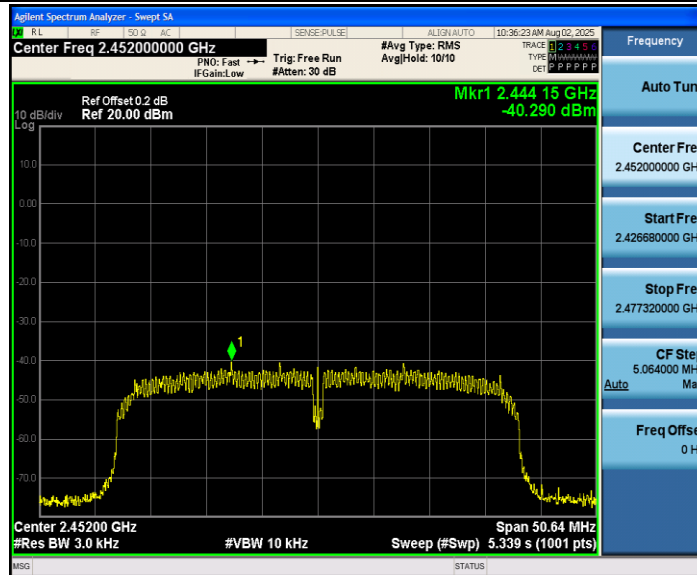
11N40SISO_Ant1_2422



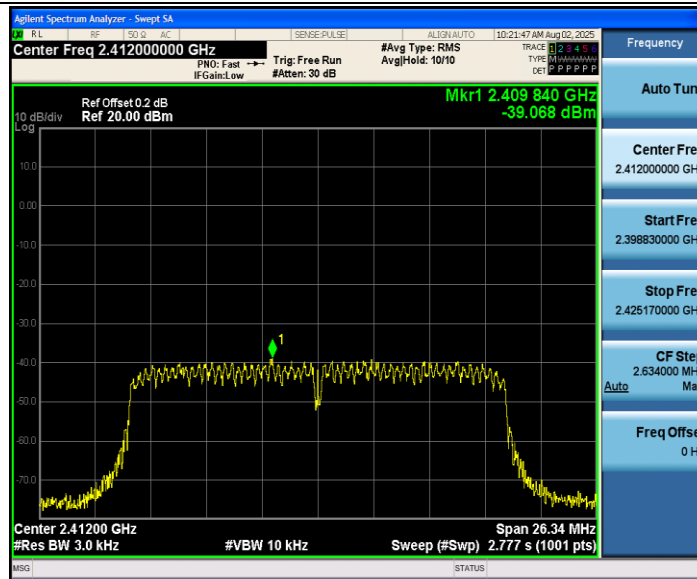
11N40SISO_Ant1_2437



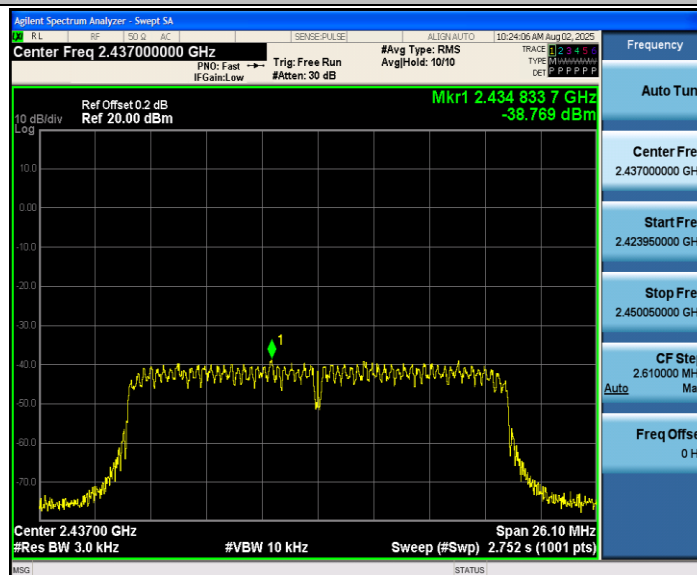
11N40SISO_Ant1_2452



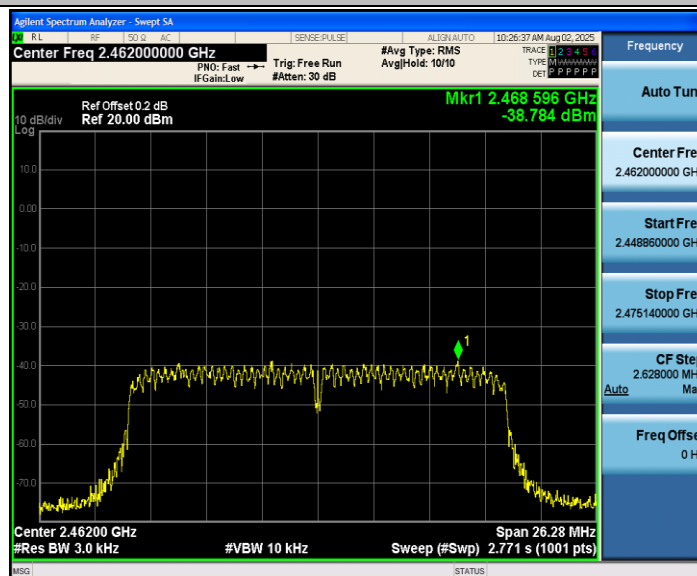
11AX20SISO_Ant1_2412



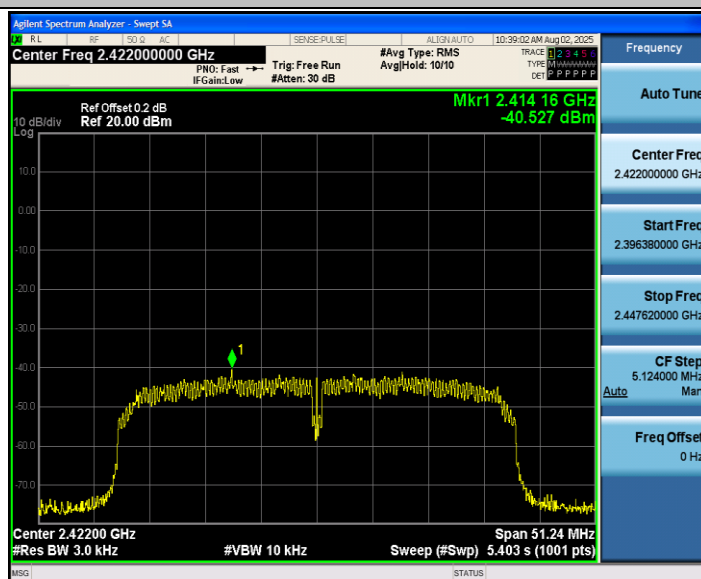
11AX20ISO_Ant1_2437



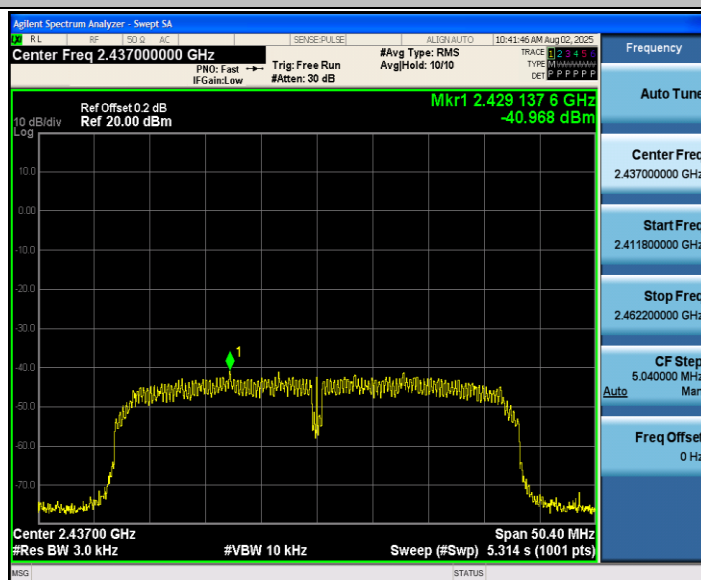
11AX20ISO_Ant1_2462



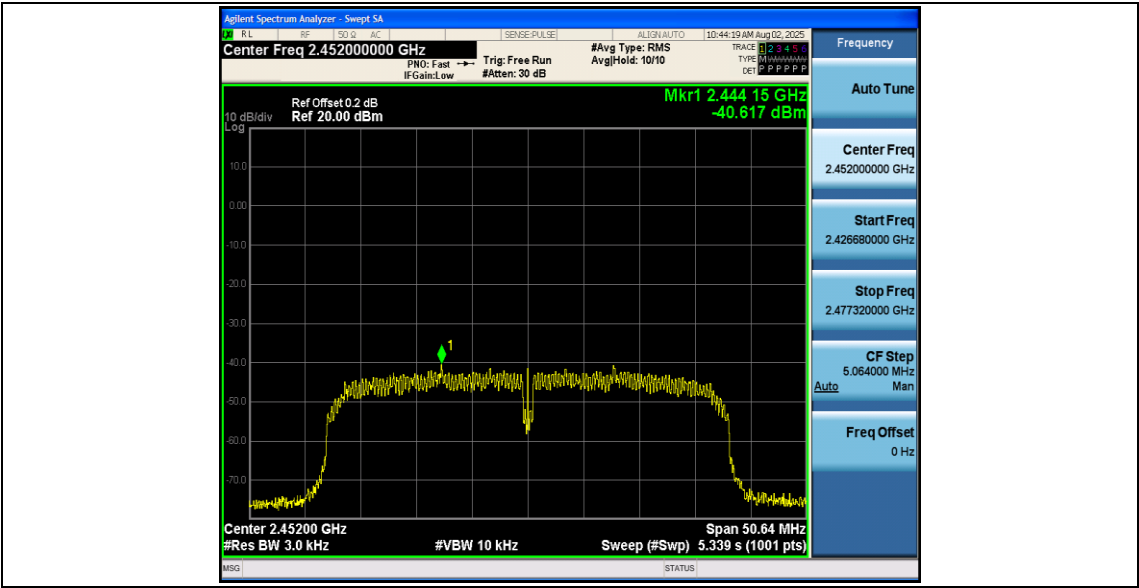
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



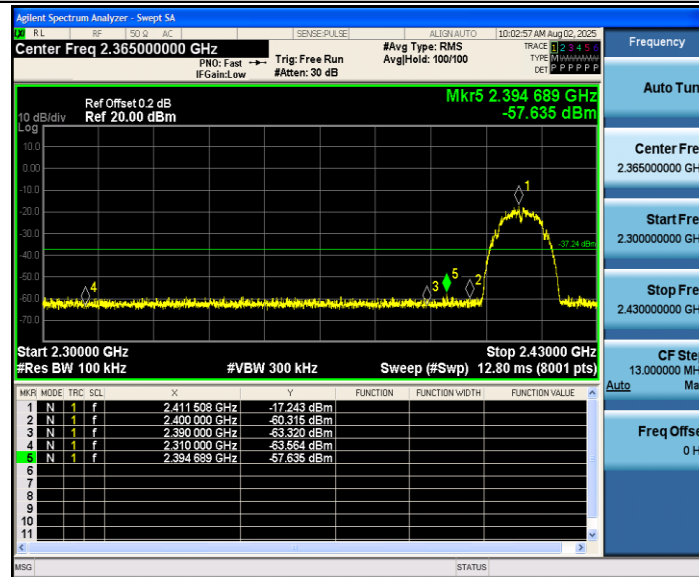
Appendix E: Band edge measurements

Test Result

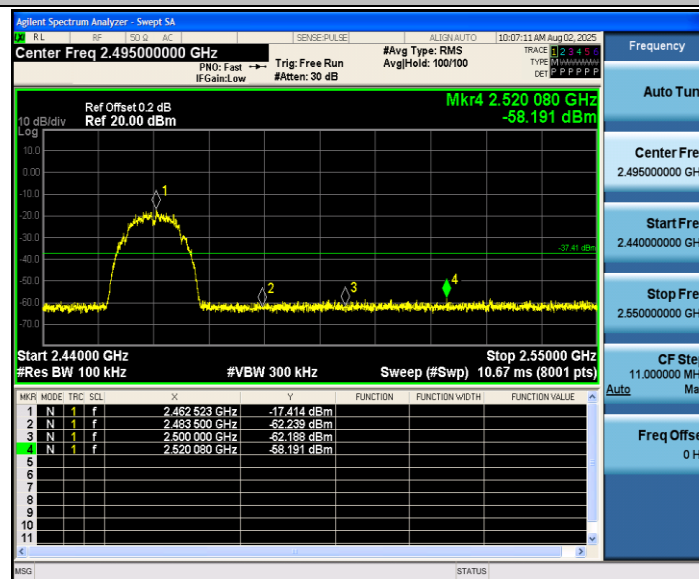
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-17.24	-57.64	≤-37.24	PASS
		High	2462	-17.41	-58.19	≤-37.41	PASS
11G	Ant1	Low	2412	-25.14	-55.78	≤-45.14	PASS
		High	2462	-25.04	-58.27	≤-45.04	PASS
11N20SISO	Ant1	Low	2412	-25.32	-58.38	≤-45.32	PASS
		High	2462	-25.26	-57.9	≤-45.26	PASS
11N40SISO	Ant1	Low	2422	-28.32	-58.15	≤-48.32	PASS
		High	2452	-28.60	-58.33	≤-48.6	PASS
11AX20SISO	Ant1	Low	2412	-24.93	-58.38	≤-44.93	PASS
		High	2462	-24.83	-58.14	≤-44.83	PASS
11AX40SISO	Ant1	Low	2422	-28.47	-58.69	≤-48.47	PASS
		High	2452	-28.50	-58.16	≤-48.5	PASS

Test Graphs

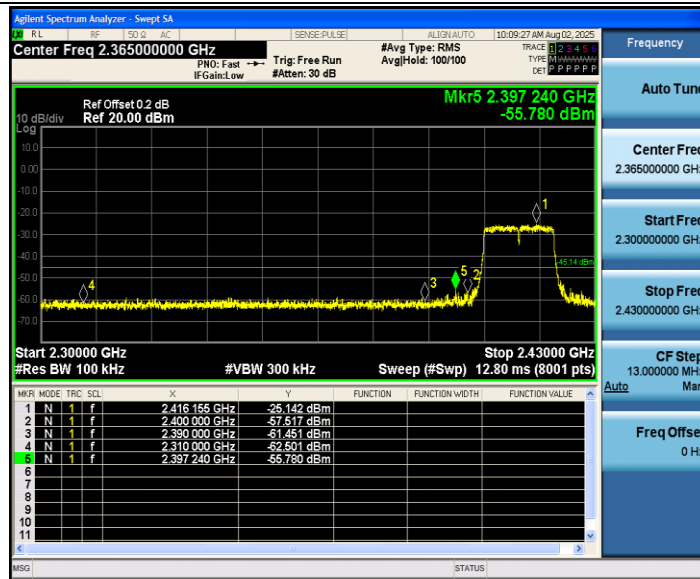
11B_Ant1_Low_2412



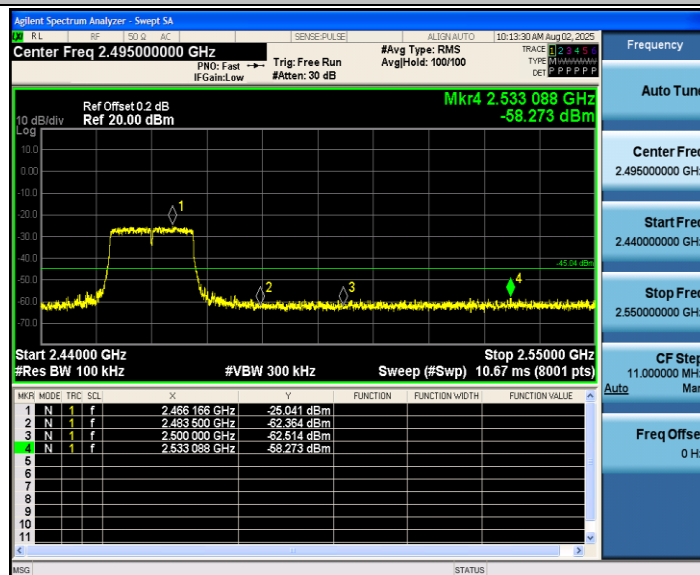
11B_Ant1_High_2462



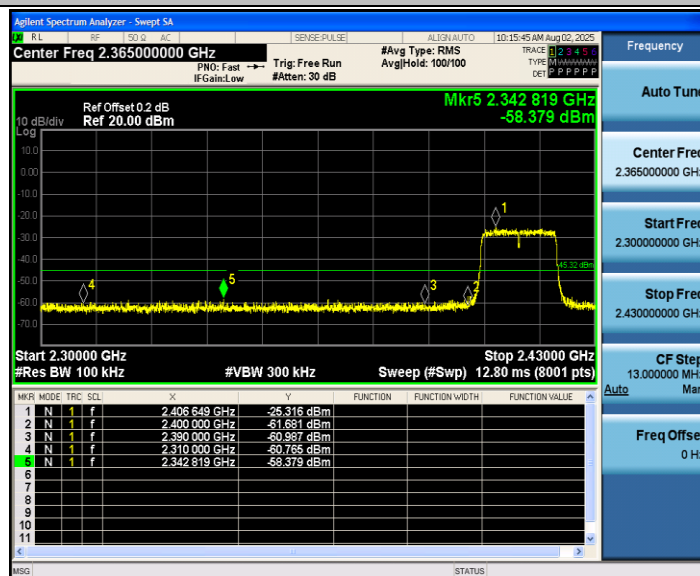
11G_Ant1_Low_2412



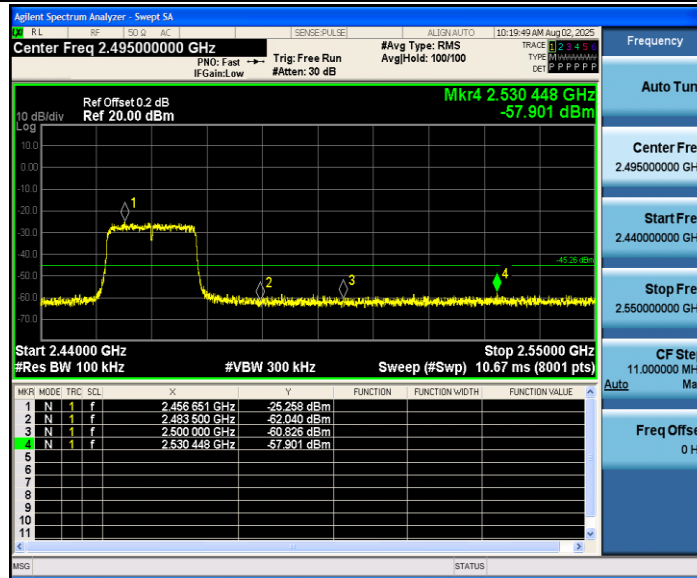
11G_Ant1_High_2462



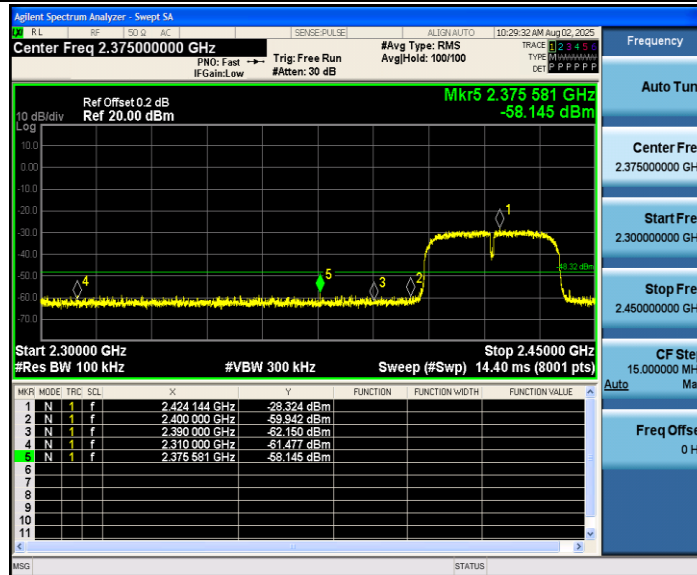
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452