

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.520	2407.440	2416.960	0.5	PASS
		2437	10.040	2431.960	2442.000	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	15.080	2404.440	2419.520	0.5	PASS
		2437	15.080	2429.440	2444.520	0.5	PASS
		2462	14.120	2454.480	2468.600	0.5	PASS
11N20SI SO	Ant1	2412	13.880	2405.640	2419.520	0.5	PASS
		2437	13.800	2430.680	2444.480	0.5	PASS
		2462	15.000	2454.520	2469.520	0.5	PASS
11N40SI SO	Ant1	2422	32.560	2406.960	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	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



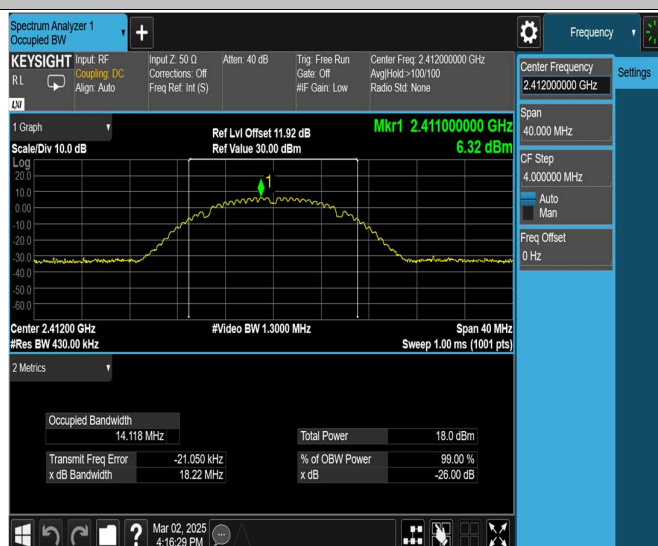
Appendix B: Occupied Channel Bandwidth

Test Result

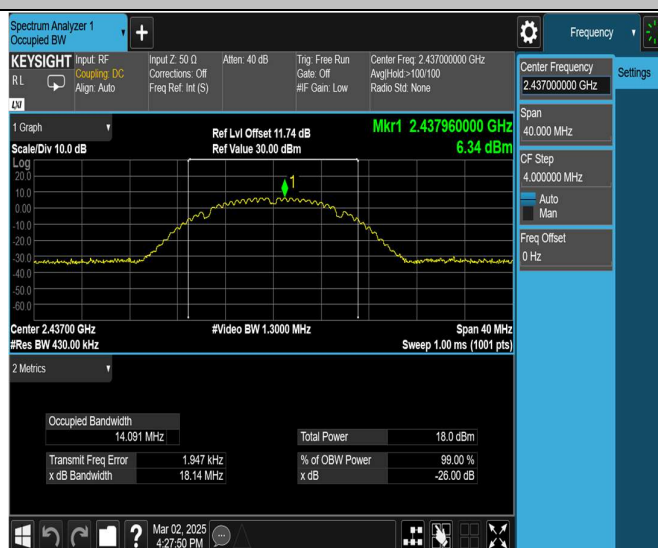
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.113	2404.9219	2419.034 9	---	---
		2437	14.083	2429.9597	2444.042 7	---	---
		2462	14.186	2454.8864	2469.072 4	---	---
11G	Ant1	2412	16.696	2403.6662	2420.362 2	---	---
		2437	16.562	2428.7563	2445.318 3	---	---
		2462	16.607	2453.6372	2470.244 2	---	---
11N20SI SO	Ant1	2412	17.669	2403.1510	2420.820 0	---	---
		2437	17.675	2428.1518	2445.826 8	---	---
		2462	17.678	2453.1755	2470.853 5	---	---
11N40SI SO	Ant1	2422	35.451	2404.3127	2439.763 7	---	---
		2437	35.475	2419.2761	2454.751 1	---	---
		2452	35.440	2434.2990	2469.739 0	---	---

Test Graphs

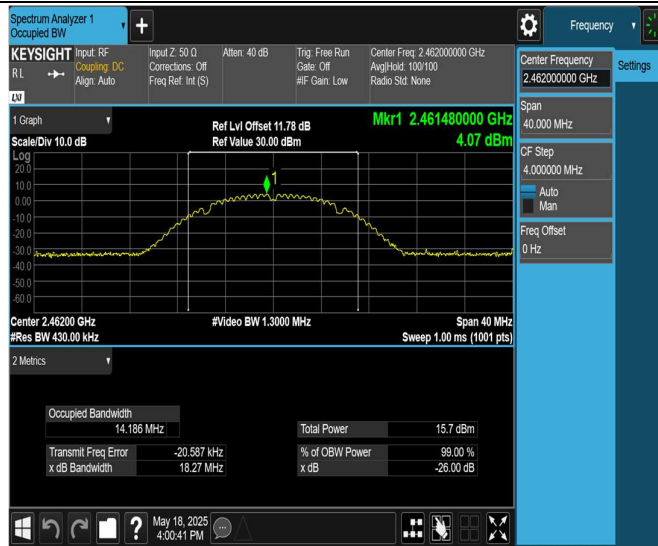
11B_Ant1_2412



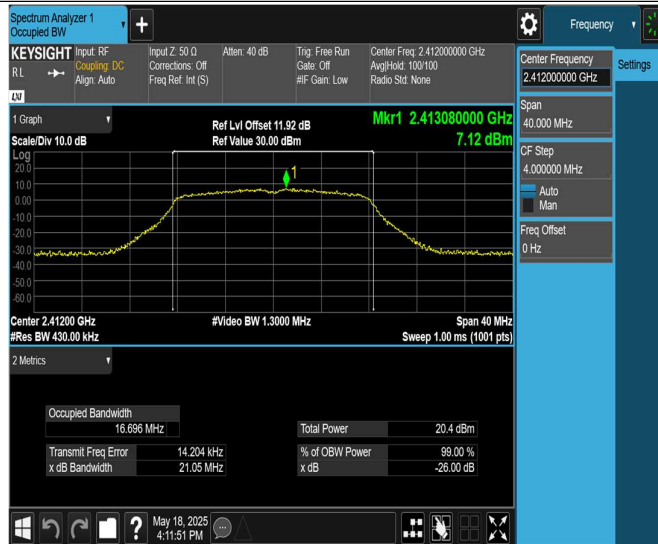
11B_Ant1_2437



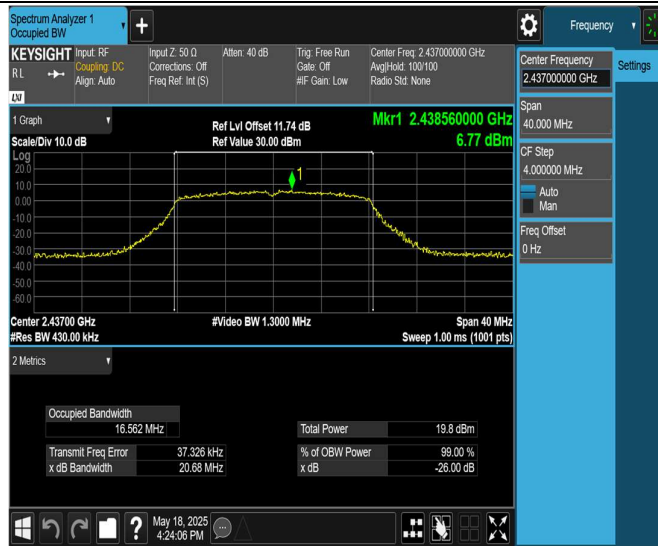
11B_Ant1_2462



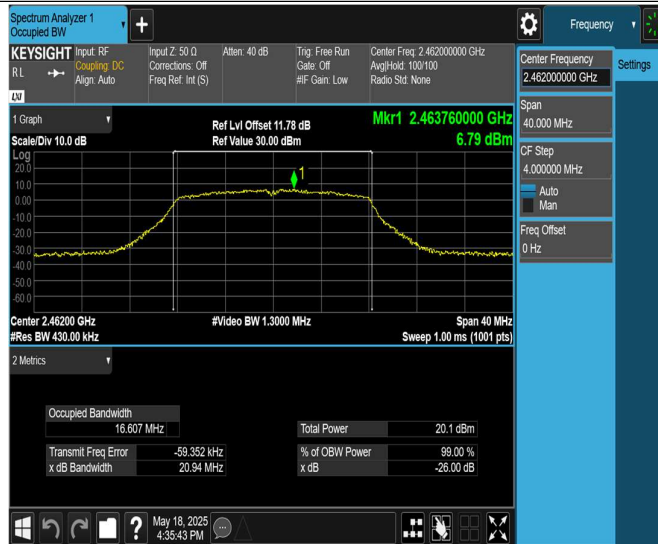
11G_Ant1_2412



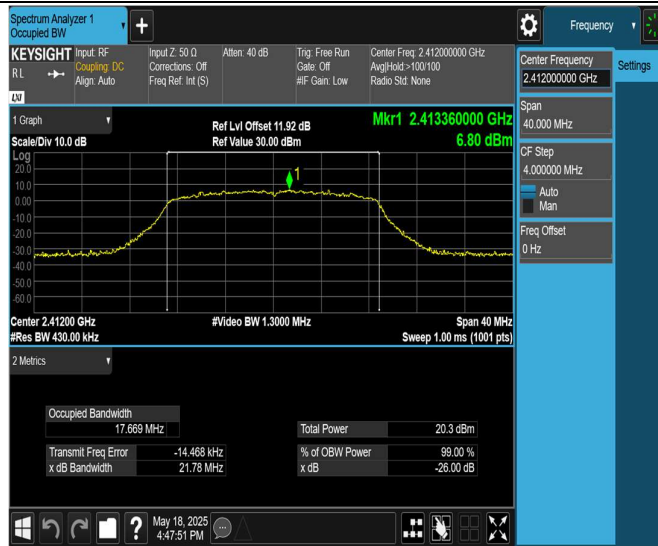
11G_Ant1_2437



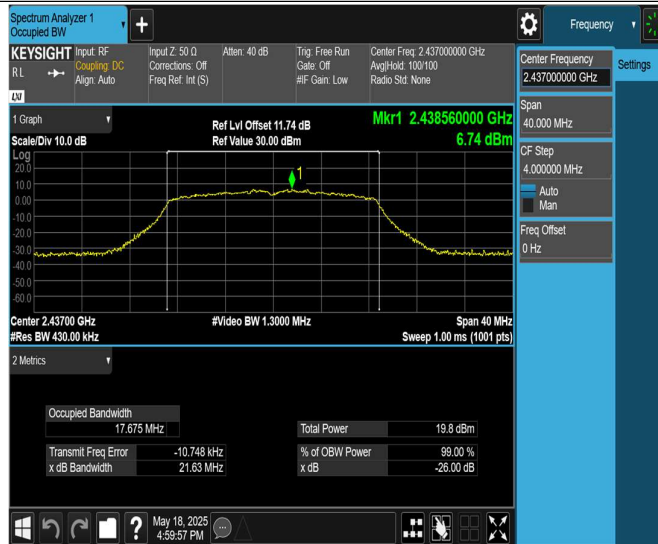
11G_Ant1_2462



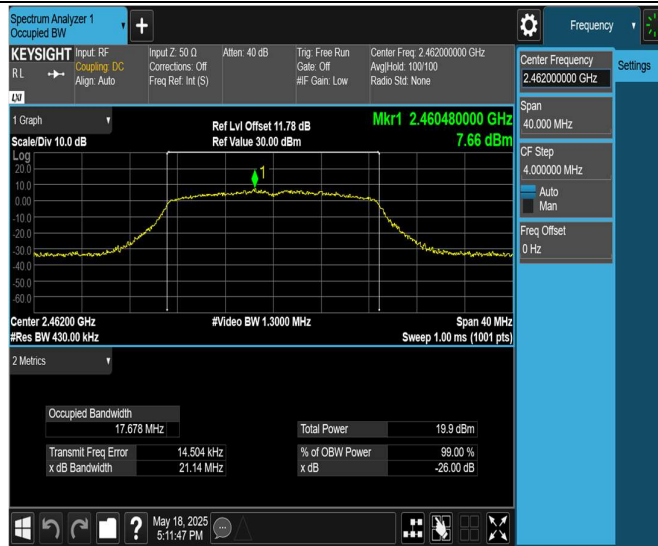
11N20SISO_Ant1_2412



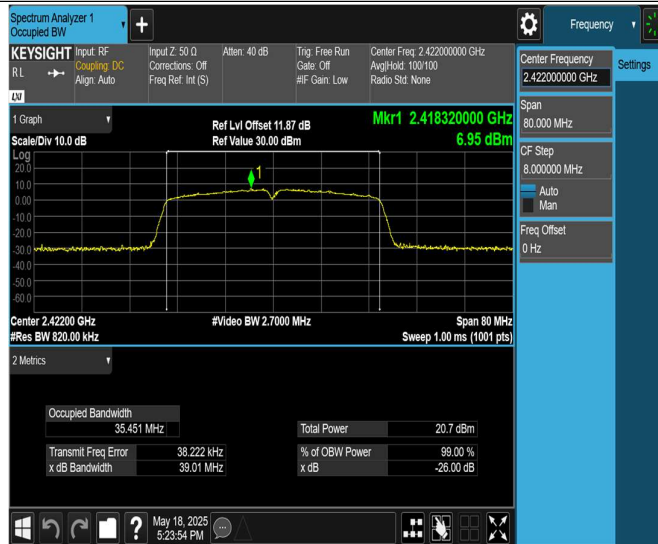
11N20SISO_Ant1_2437



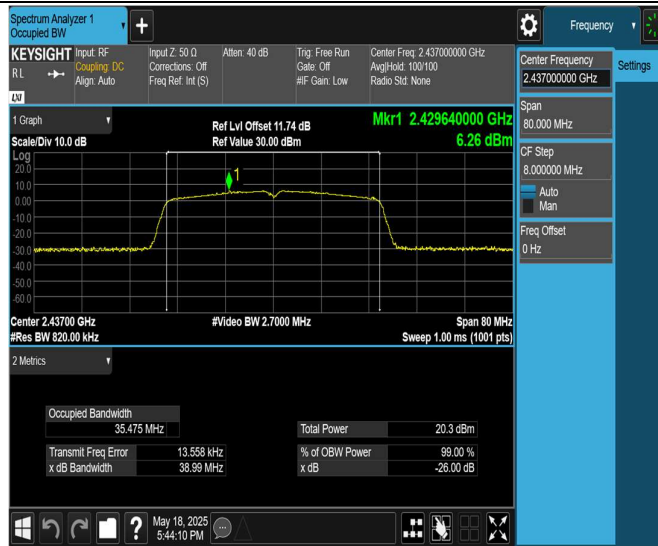
11N20SISO_Ant1_2462



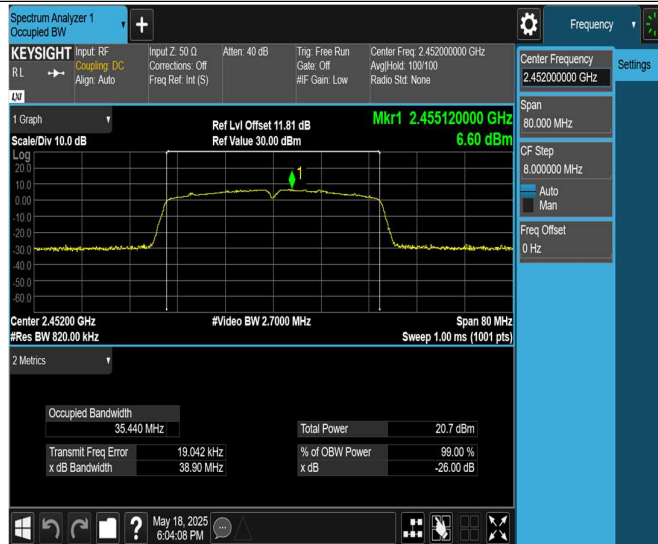
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	96.51	0.15	14.99	≤30.00	3.50	18.49	≤36.00	PASS
		2437	96.80	0.14	14.88	≤30.00	3.50	18.38	≤36.00	PASS
		2462	96.73	0.14	12.58	≤30.00	3.50	16.08	≤36.00	PASS
11G	Ant1	2412	93.64	0.29	13.51	≤30.00	3.50	17.01	≤36.00	PASS
		2437	90.75	0.42	13.22	≤30.00	3.50	16.72	≤36.00	PASS
		2462	79.62	0.99	13.99	≤30.00	3.50	17.49	≤36.00	PASS
11N20SI SO	Ant1	2412	91.00	0.41	13.47	≤30.00	3.50	16.97	≤36.00	PASS
		2437	92.75	0.33	12.86	≤30.00	3.50	16.36	≤36.00	PASS
		2462	92.31	0.35	13.27	≤30.00	3.50	16.77	≤36.00	PASS
11N40SI SO	Ant1	2422	81.03	0.91	13.53	≤30.00	3.50	17.03	≤36.00	PASS
		2437	83.33	0.79	13.22	≤30.00	3.50	16.72	≤36.00	PASS
		2452	86.24	0.64	13.28	≤30.00	3.50	16.78	≤36.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.99	≤8.00	PASS
		2437	-16.97	≤8.00	PASS
		2462	-18.84	≤8.00	PASS
11G	Ant1	2412	-17.44	≤8.00	PASS
		2437	-17.81	≤8.00	PASS
		2462	-15.65	≤8.00	PASS
11N20SISO	Ant1	2412	-17.02	≤8.00	PASS
		2437	-17.64	≤8.00	PASS
		2462	-17.94	≤8.00	PASS
11N40SISO	Ant1	2422	-18.92	≤8.00	PASS
		2437	-18.41	≤8.00	PASS
		2452	-17.82	≤8.00	PASS

Test Graphs

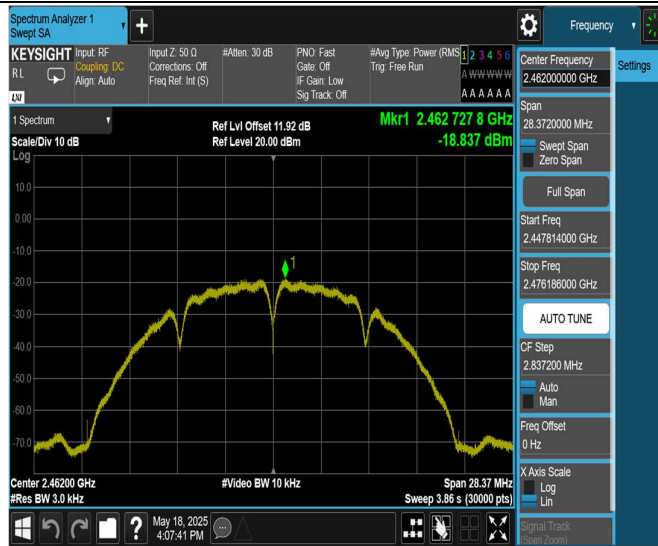
11B_Ant1_2412



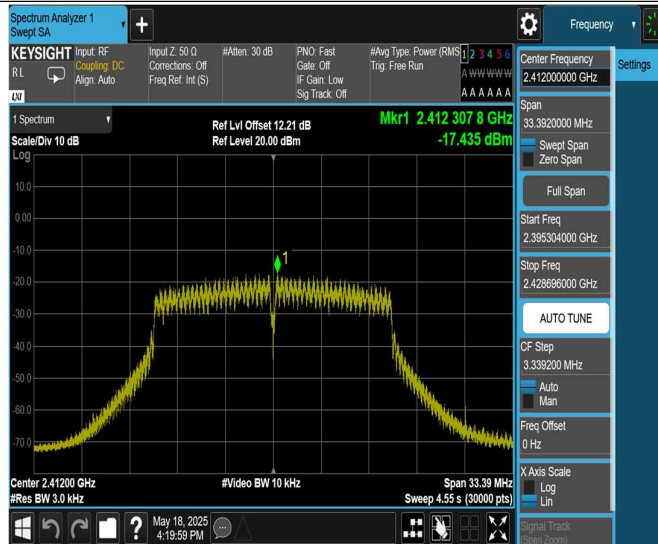
11B_Ant1_2437



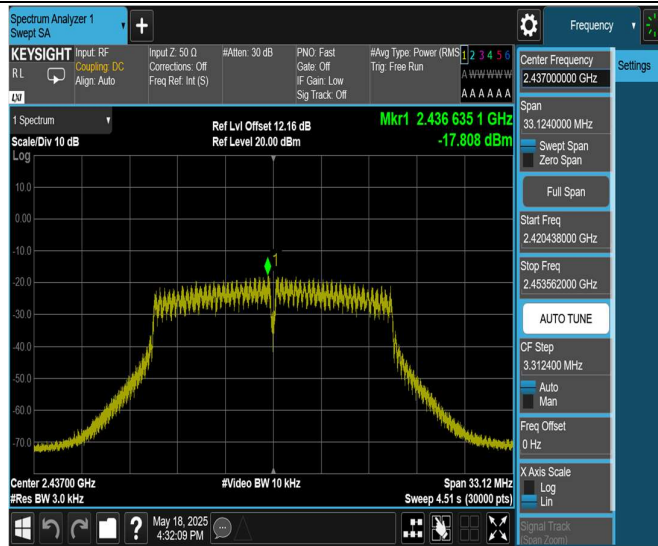
11B_Ant1_2462



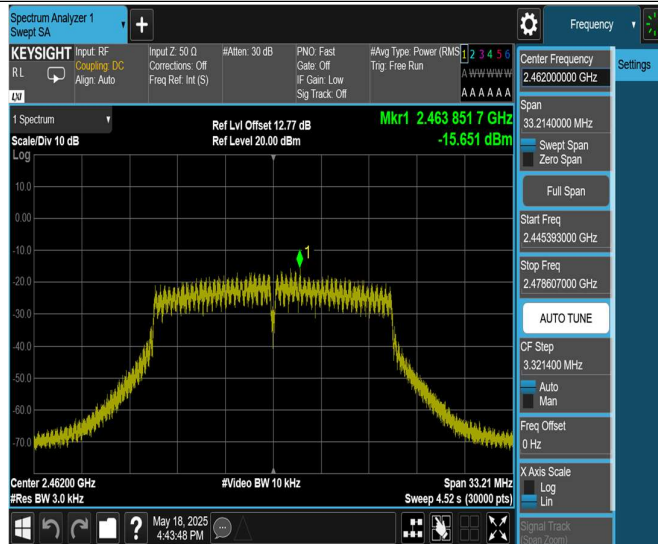
11G_Ant1_2412



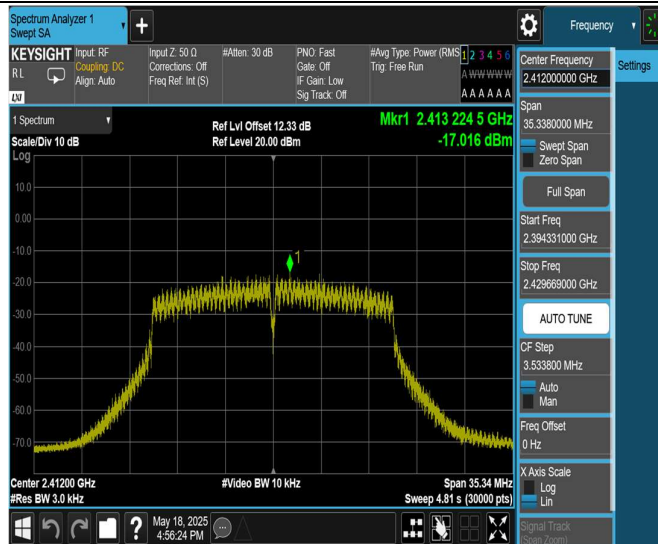
11G_Ant1_2437



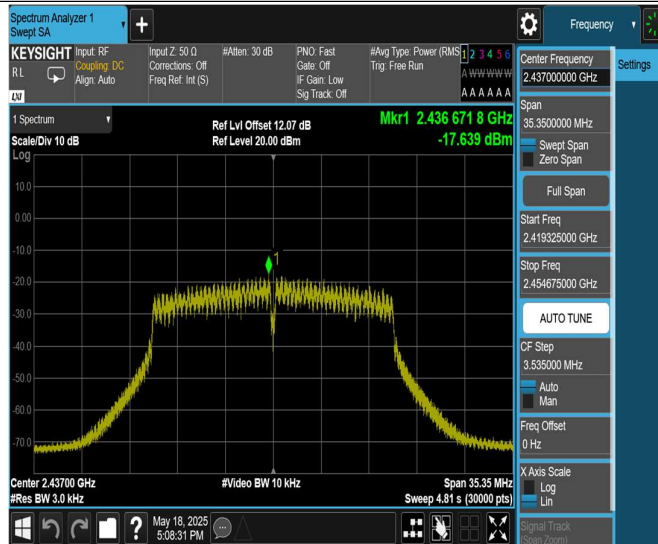
11G_Ant1_2462



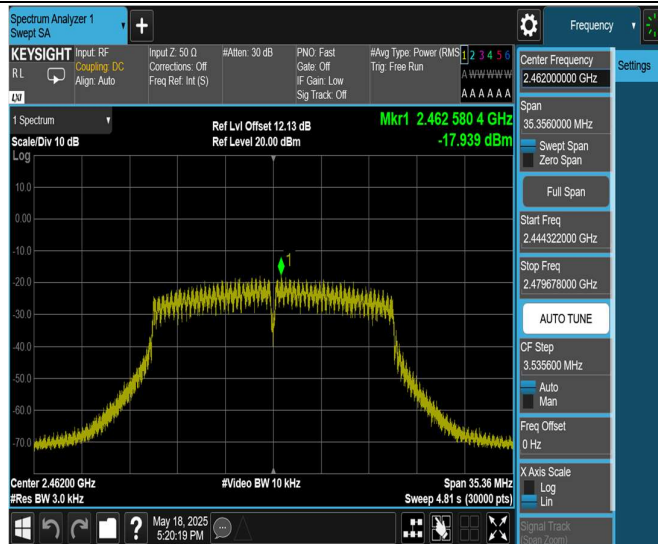
11N20SISO_Ant1_2412



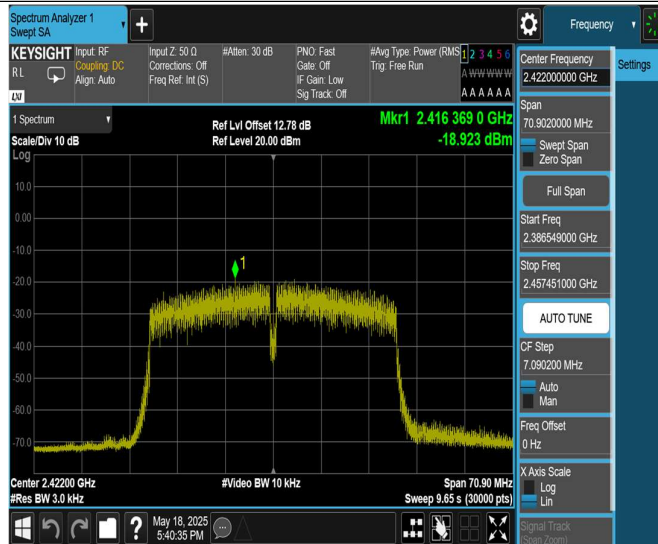
11N20SISO_Ant1_2437



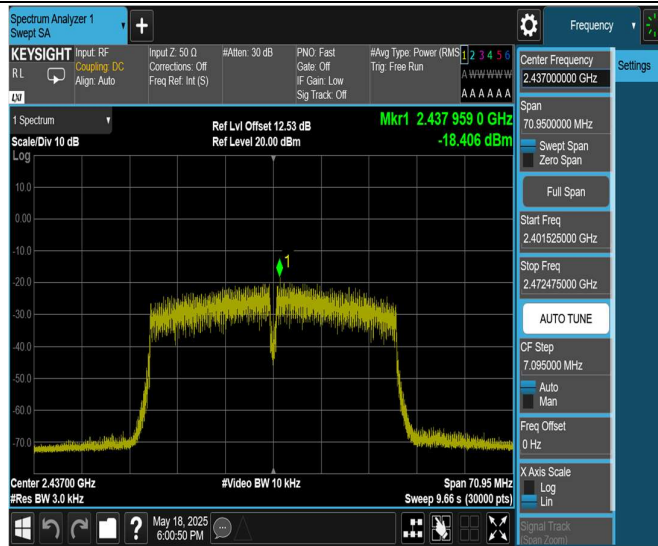
11N20SISO_Ant1_2462



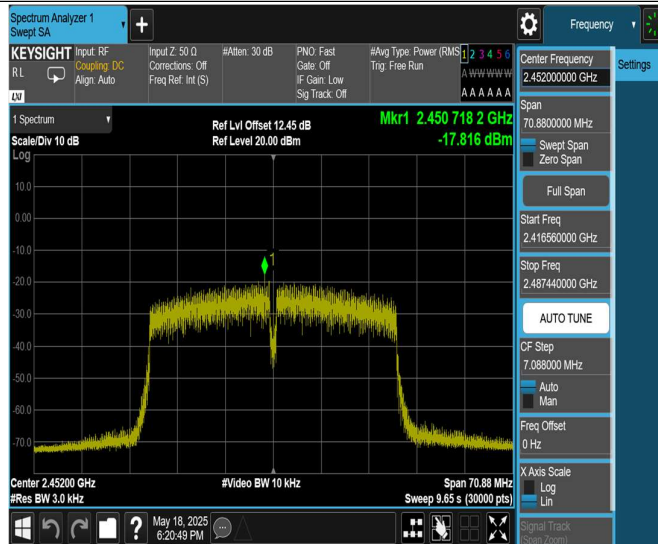
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.97	-43.22	≤-24.04	PASS
		High	2462	3.94	-46.47	≤-26.06	PASS
11G	Ant1	Low	2412	3.80	-37.49	≤-26.21	PASS
		High	2462	3.64	-46.14	≤-26.36	PASS
11N20SI SO	Ant1	Low	2412	3.40	-36.58	≤-26.6	PASS
		High	2462	3.48	-46.51	≤-26.52	PASS
11N40SI SO	Ant1	Low	2422	0.53	-43.31	≤-29.47	PASS
		High	2452	0.35	-44.8	≤-29.65	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412