

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	2407.440	2417.000	0.5	PASS
		2437	9.520	2432.000	2441.520	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.360	2428.800	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SI SO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.280	2428.440	2445.720	0.5	PASS
		2462	17.360	2453.400	2470.760	0.5	PASS
11N40SI SO	Ant1	2422	29.440	2407.600	2437.040	0.5	PASS
		2437	29.040	2421.960	2451.000	0.5	PASS
		2452	30.000	2436.960	2466.960	0.5	PASS

Test Graphs

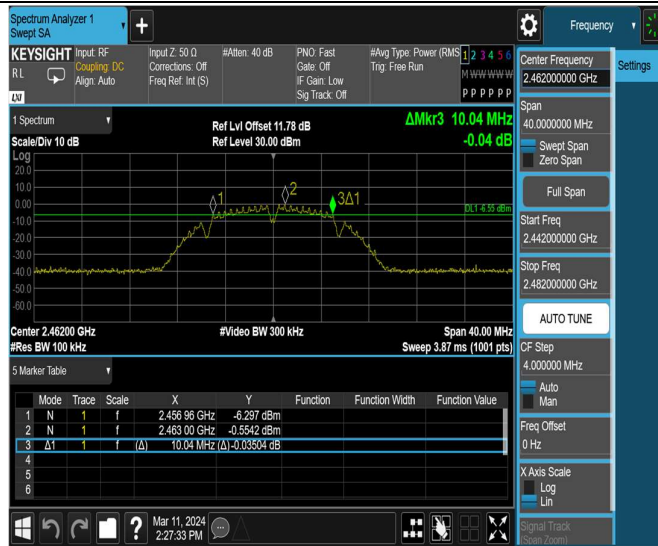
11B_Ant1_2412



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



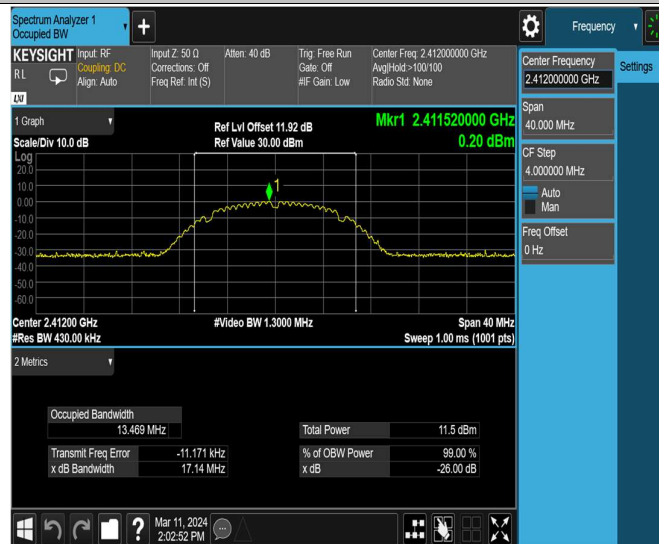
Appendix B: Occupied Channel Bandwidth

Test Result

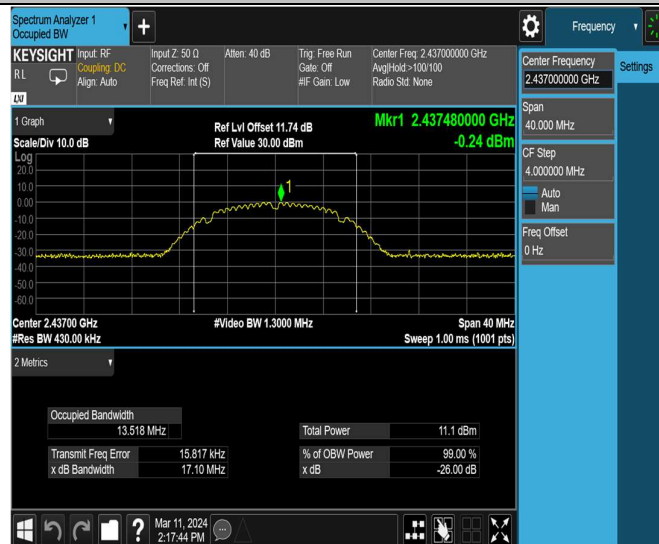
TestMode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.454	2405.2618	2418.7158	---	---
		2437	13.496	2430.2678	2443.7638	---	---
		2462	13.477	2455.2928	2468.7698	---	---
11G	Ant1	2412	17.108	2403.4477	2420.5557	---	---
		2437	17.033	2428.5141	2445.5471	---	---
		2462	17.100	2453.4676	2470.5676	---	---
11N20SI SO	Ant1	2412	17.977	2403.0130	2420.9900	---	---
		2437	17.936	2428.0657	2446.0017	---	---
		2462	17.971	2453.0377	2471.0087	---	---
11N40SI SO	Ant1	2422	32.751	2405.6746	2438.4256	---	---
		2437	32.809	2420.6937	2453.5027	---	---
		2452	32.749	2435.7921	2468.5411	---	---

Test Graphs

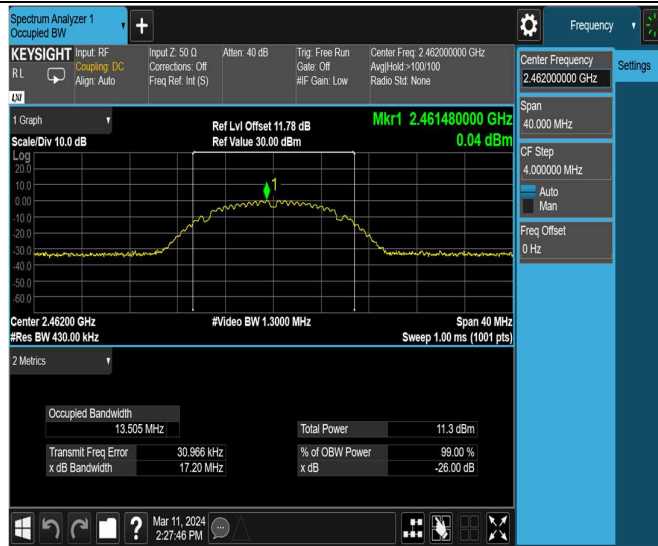
11B_Ant1_2412



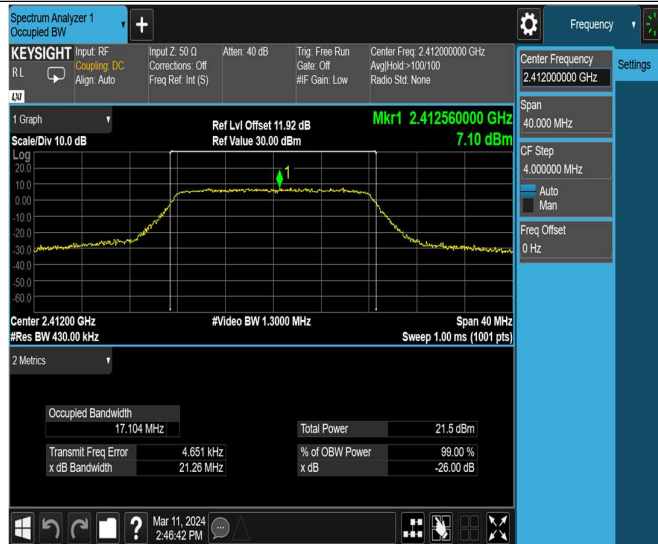
11B_Ant1_2437



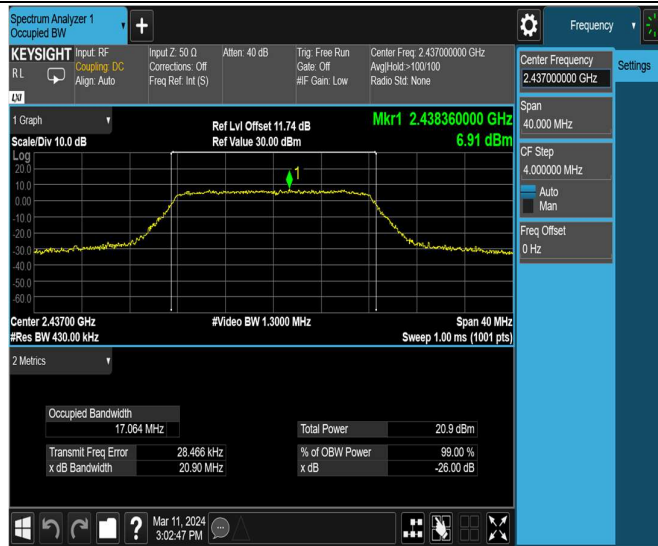
11B_Ant1_2462



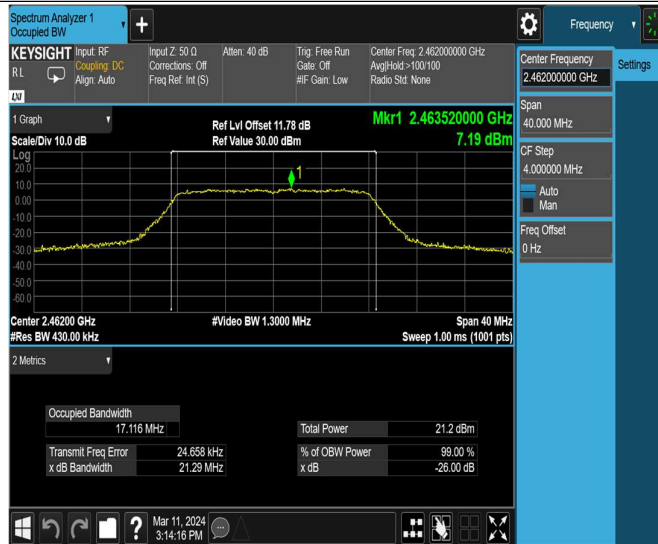
11G_Ant1_2412



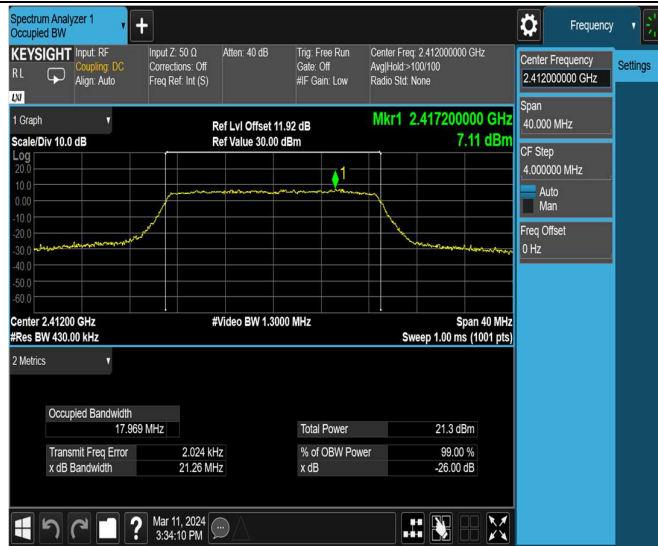
11G_Ant1_2437



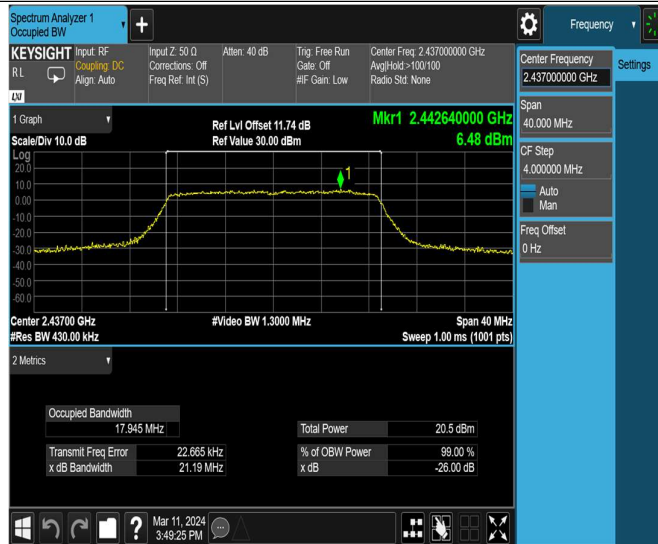
11G_Ant1_2462



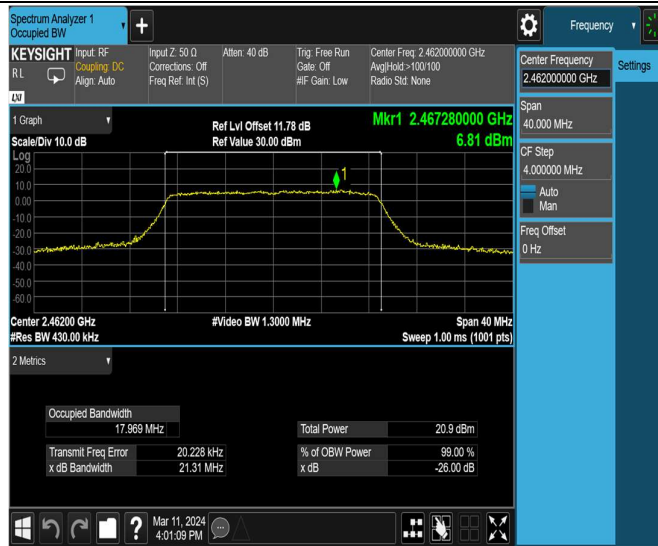
11N20SISO_Ant1_2412



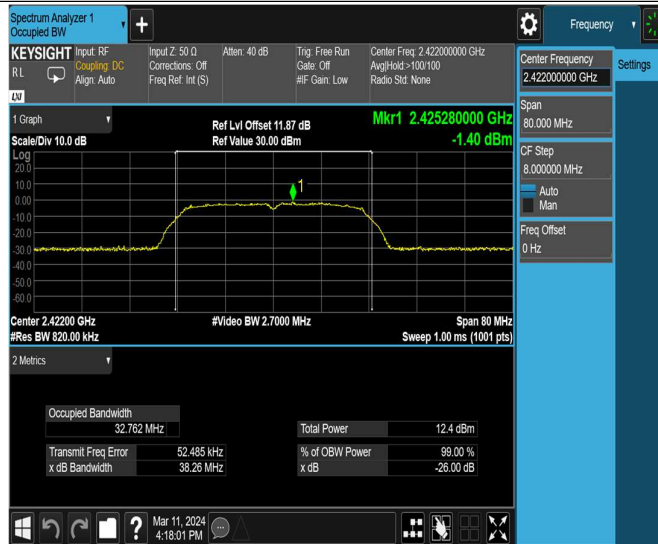
11N20SISO_Ant1_2437



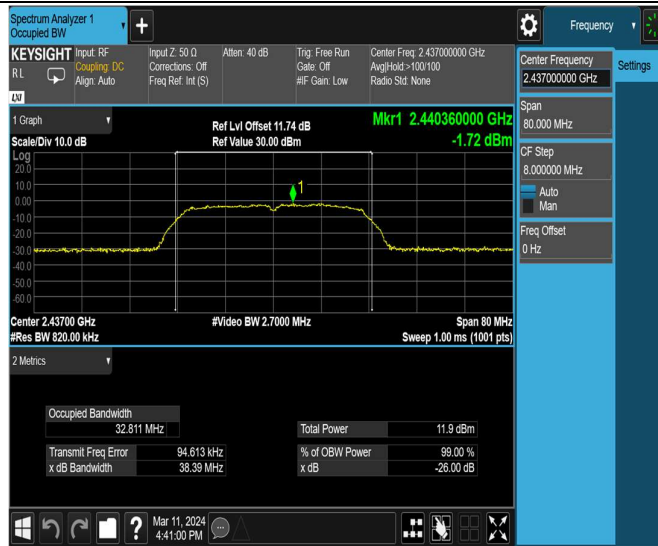
11N20SISO_Ant1_2462



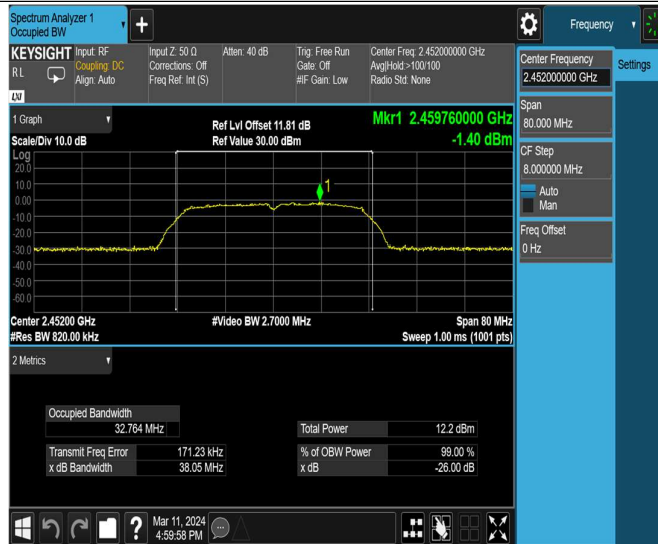
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result AV

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.39	≤30.00	PASS
		2437	7.91	≤30.00	PASS
		2462	8.17	≤30.00	PASS
11G	Ant1	2412	14.35	≤30.00	PASS
		2437	13.78	≤30.00	PASS
		2462	14.09	≤30.00	PASS
11N20SISO	Ant1	2412	14.21	≤30.00	PASS
		2437	13.47	≤30.00	PASS
		2462	13.81	≤30.00	PASS
11N40SISO	Ant1	2422	4.80	≤30.00	PASS
		2437	4.30	≤30.00	PASS
		2452	4.61	≤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	-22.88	≤8.00	PASS
		2437	-22.57	≤8.00	PASS
		2462	-22.61	≤8.00	PASS
11G	Ant1	2412	-15.30	≤8.00	PASS
		2437	-16.44	≤8.00	PASS
		2462	-15.70	≤8.00	PASS
11N20SISO	Ant1	2412	-16.31	≤8.00	PASS
		2437	-16.45	≤8.00	PASS
		2462	-16.06	≤8.00	PASS
11N40SISO	Ant1	2422	-26.36	≤8.00	PASS
		2437	-26.43	≤8.00	PASS
		2452	-26.42	≤8.00	PASS

Test Graphs

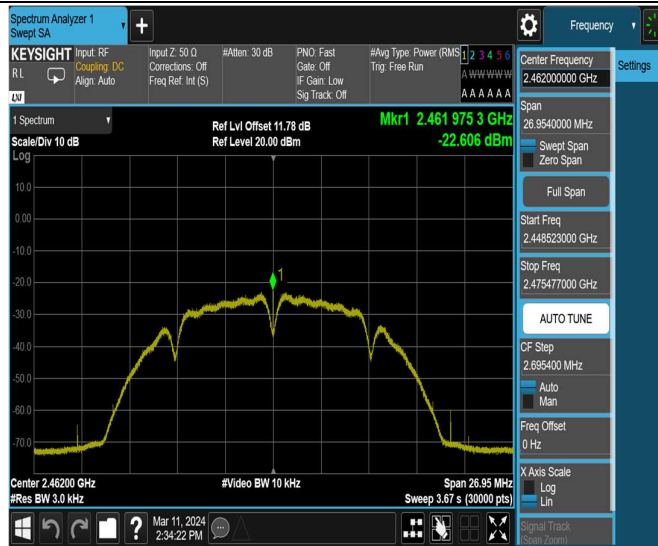
11B_Ant1_2412



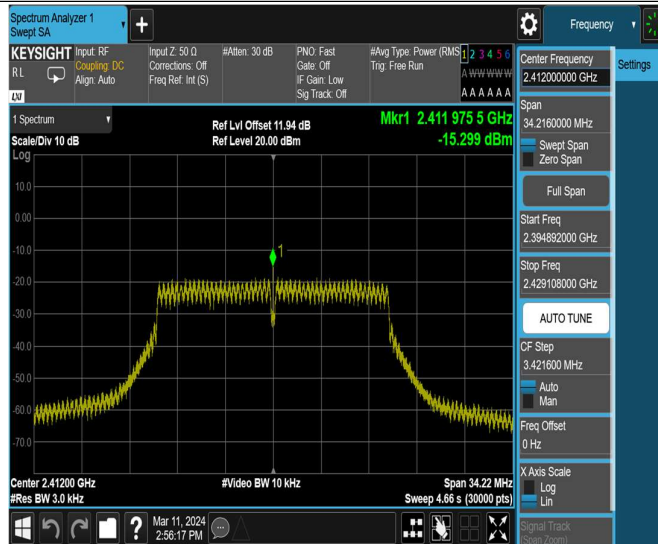
11B_Ant1_2437



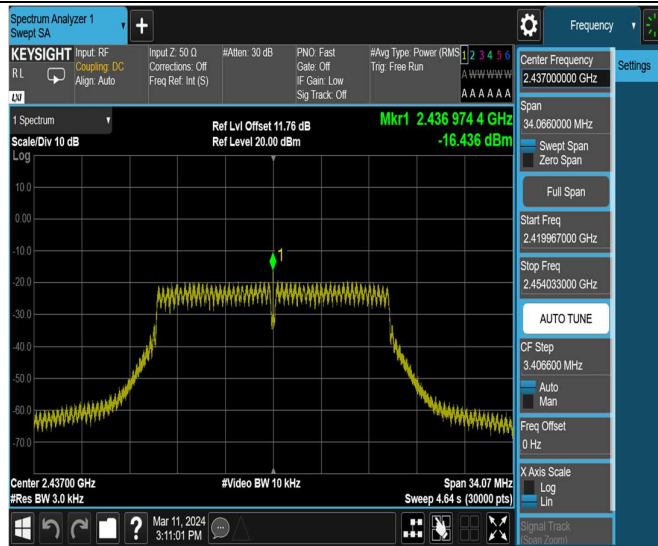
11B_Ant1_2462



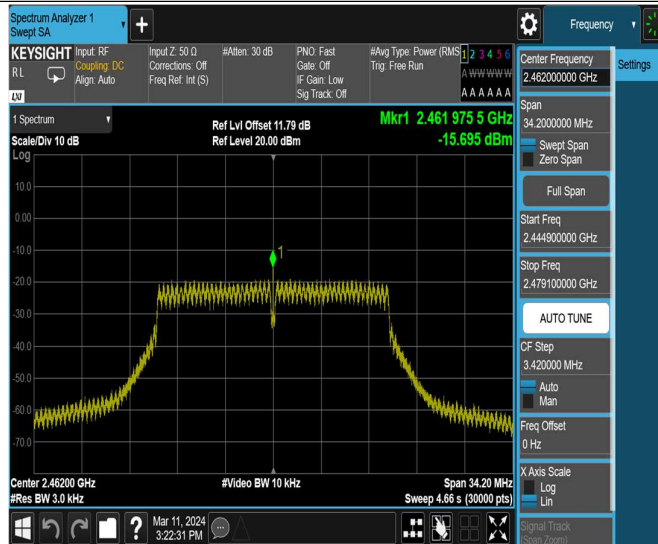
11G_Ant1_2412



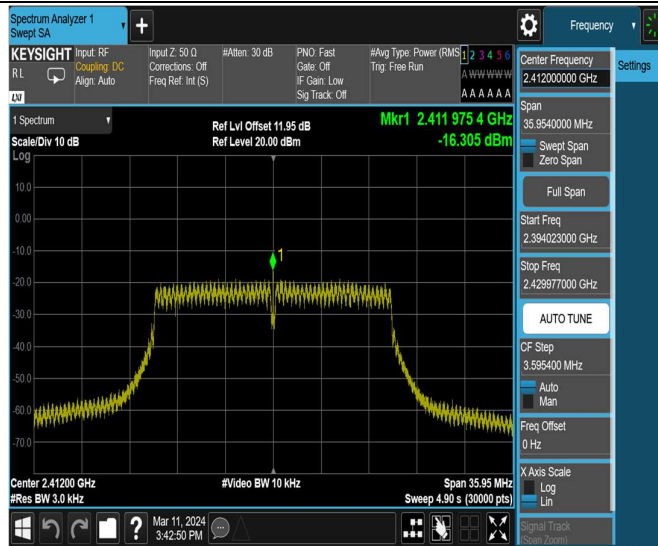
11G_Ant1_2437



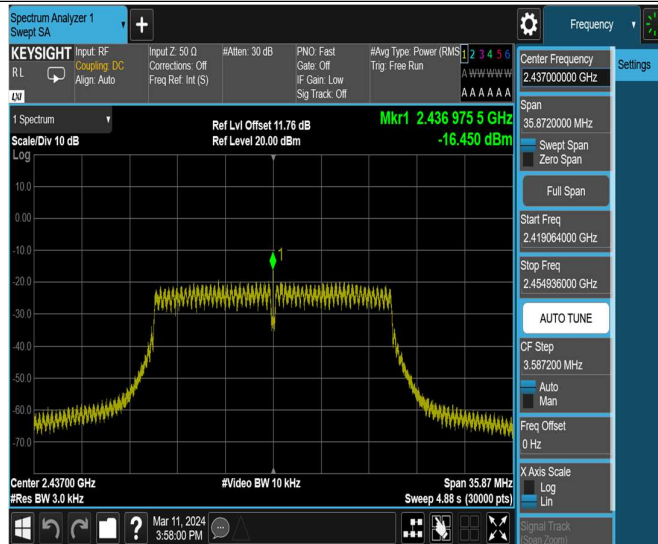
11G_Ant1_2462



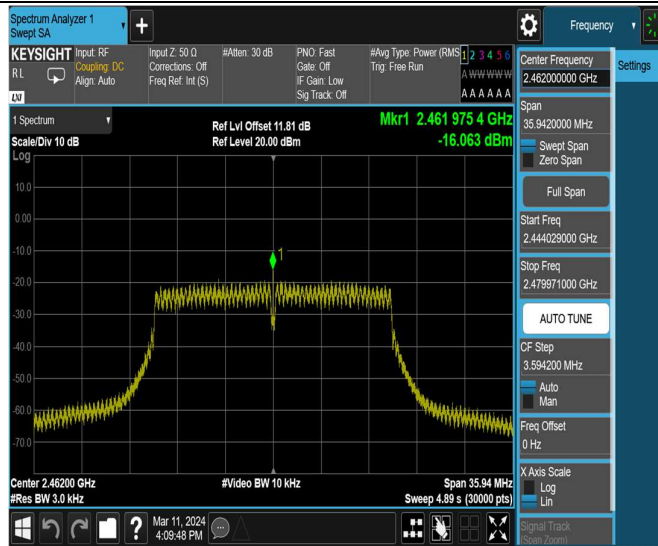
11N20SISO_Ant1_2412



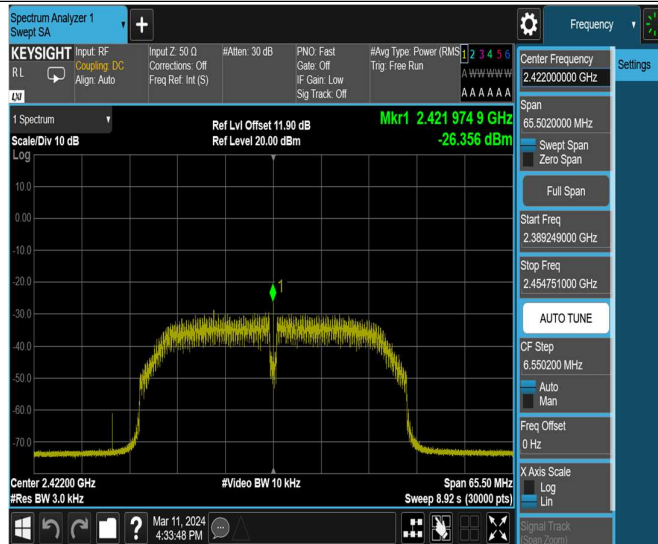
11N20SISO_Ant1_2437



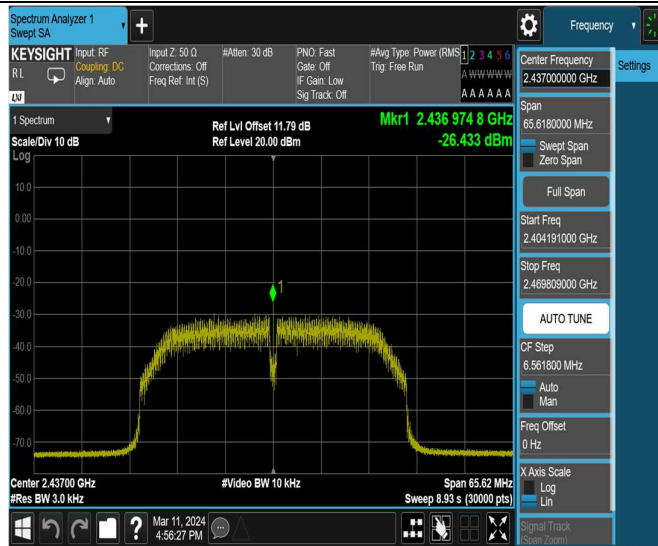
11N20SISO_Ant1_2462



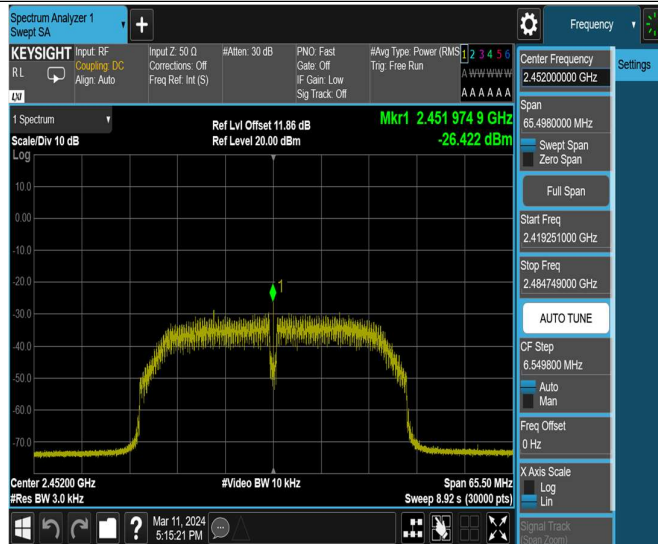
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	-0.14	-46.4	≤-30.14	PASS
		High	2462	-0.37	-45.83	≤-30.37	PASS
11G	Ant1	Low	2412	2.47	-30.91	≤-27.53	PASS
		High	2462	2.32	-43.26	≤-27.68	PASS
11N20SI SO	Ant1	Low	2412	2.67	-32.53	≤-27.33	PASS
		High	2462	2.14	-42.78	≤-27.87	PASS
11N40SI SO	Ant1	Low	2422	-8.20	-45.7	≤-38.2	PASS
		High	2452	-8.85	-45.83	≤-38.85	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20ISO_Ant1_Low_2412