

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.000	2407.480	2416.480	0.5	PASS
		2437	8.560	2432.920	2441.480	0.5	PASS
		2462	10.000	2456.960	2466.960	0.5	PASS
11G	Ant1	2412	16.320	2403.800	2420.120	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.320	2453.800	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.040	2428.440	2445.480	0.5	PASS
		2462	17.600	2453.160	2470.760	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



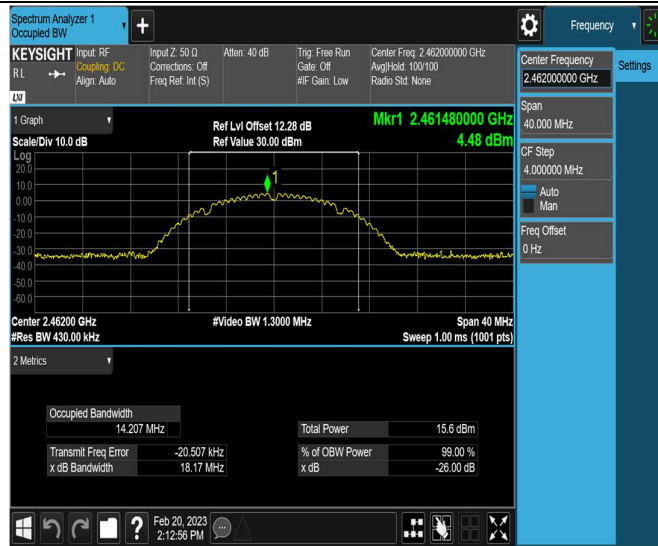
Appendix B: Occupied Channel Bandwidth

Test Result

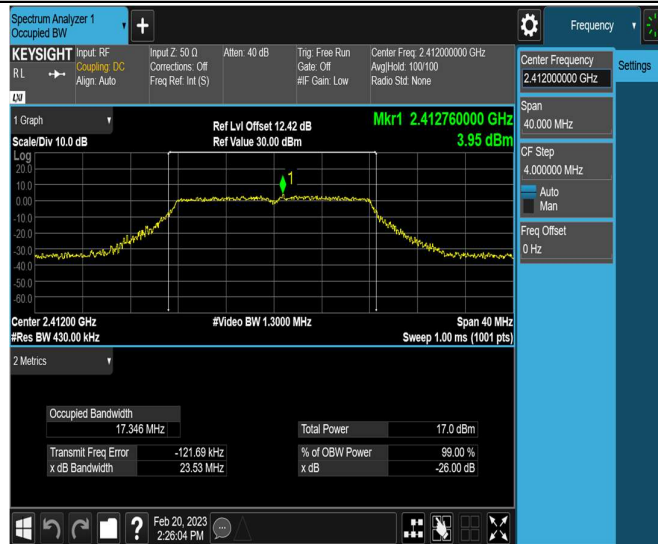
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.204	2404.8831	2419.0871	---	---
		2437	14.178	2429.8915	2444.0695	---	---
		2462	14.207	2454.8760	2469.0830	---	---
11G	Ant1	2412	17.346	2403.2053	2420.5513	---	---
		2437	17.281	2428.3528	2445.6338	---	---
		2462	17.200	2453.3476	2470.5476	---	---
11N20SISO	Ant1	2412	18.318	2402.8352	2421.1532	---	---
		2437	18.197	2427.8784	2446.0754	---	---
		2462	18.220	2452.8697	2471.0897	---	---

Test Graphs





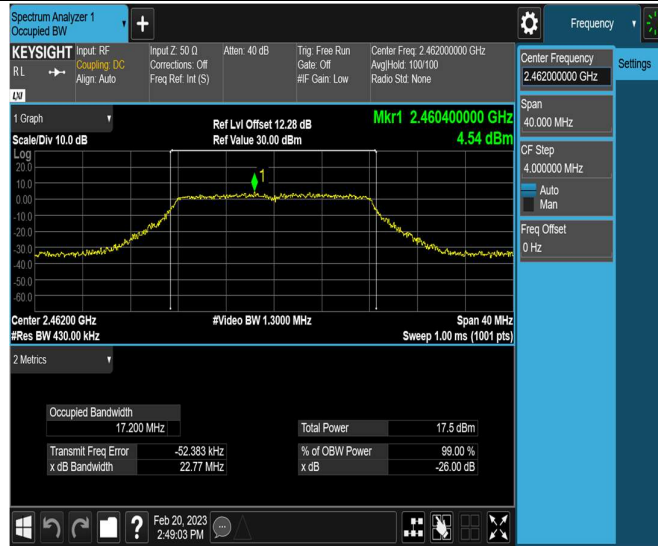
11G_Ant1_2412



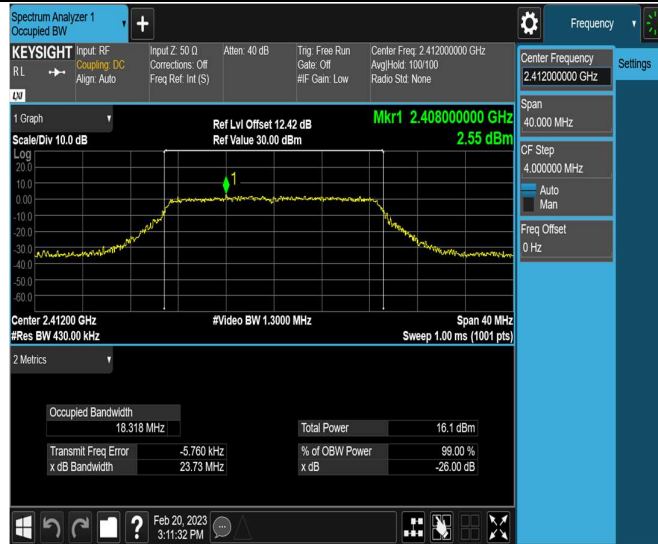
11G_Ant1_2437



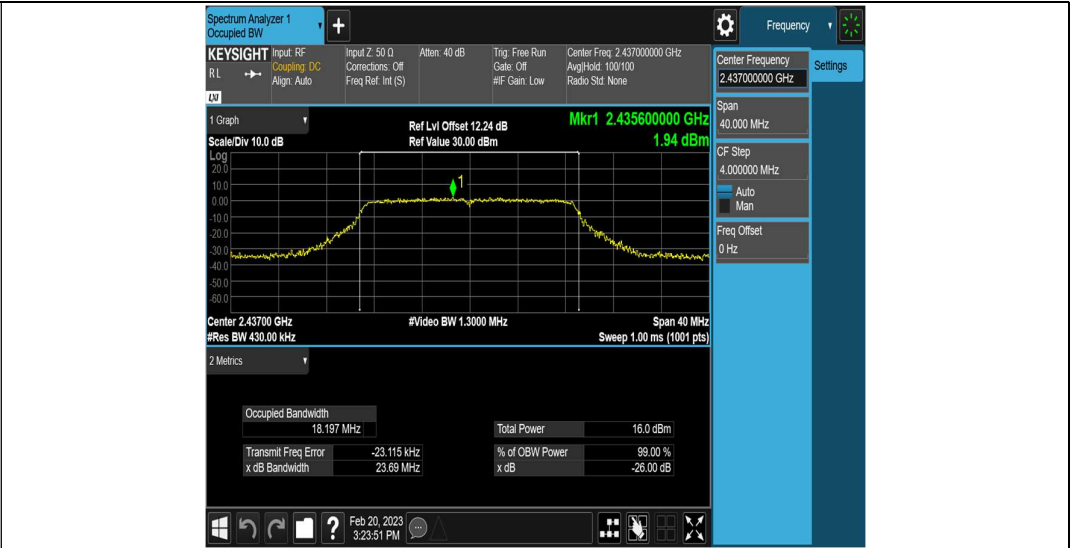
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

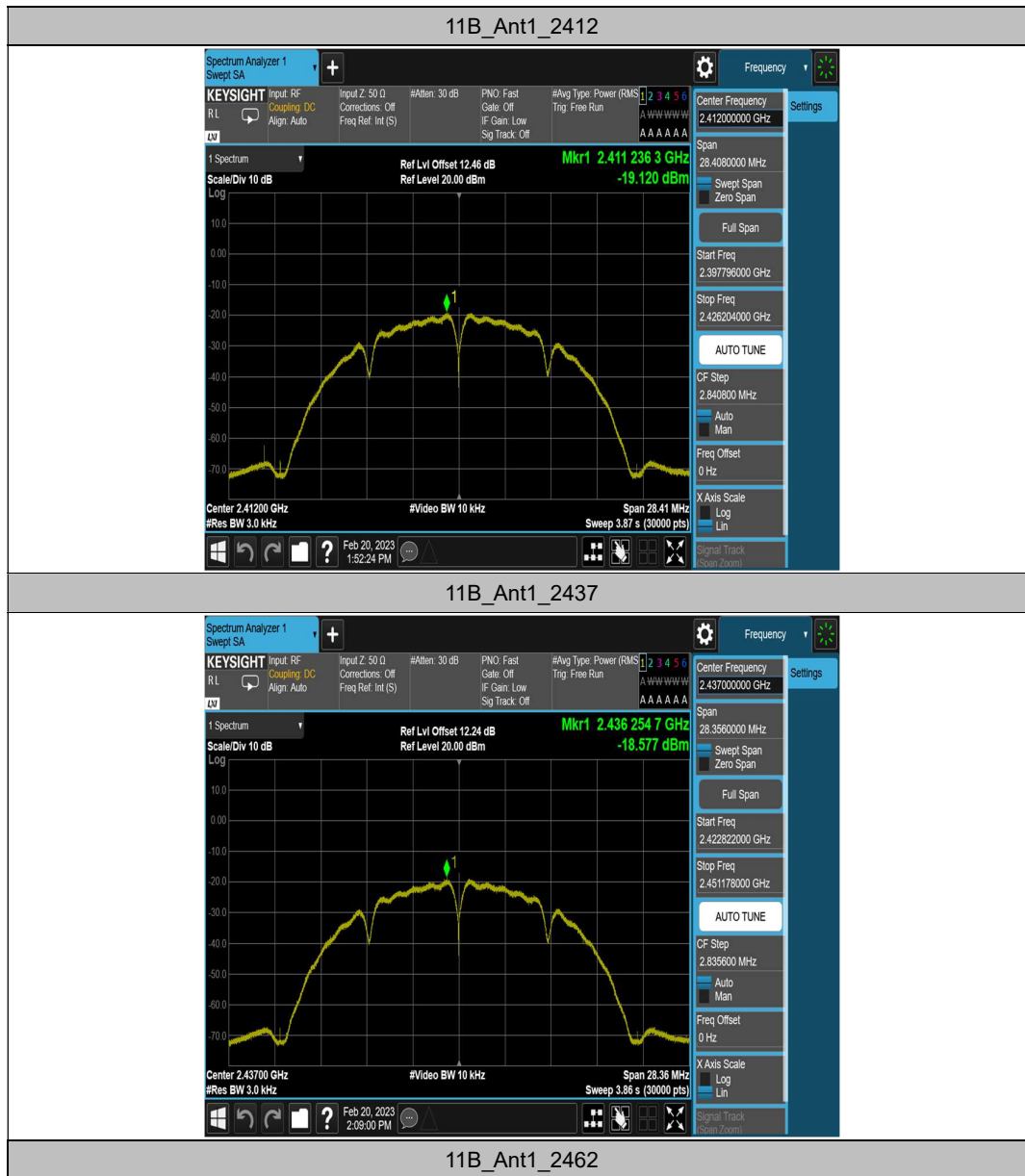
TestMode	Antenna	Frequency[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	12.31	≤30.00	13.76	≤36.00	PASS
		2437	12.43	≤30.00	13.88	≤36.00	PASS
		2462	12.50	≤30.00	13.95	≤36.00	PASS
11G	Ant1	2412	11.04	≤30.00	12.49	≤36.00	PASS
		2437	11.29	≤30.00	12.74	≤36.00	PASS
		2462	11.34	≤30.00	12.79	≤36.00	PASS
11N20SISO	Ant1	2412	9.96	≤30.00	11.41	≤36.00	PASS
		2437	9.95	≤30.00	11.40	≤36.00	PASS
		2462	10.19	≤30.00	11.64	≤36.00	PASS

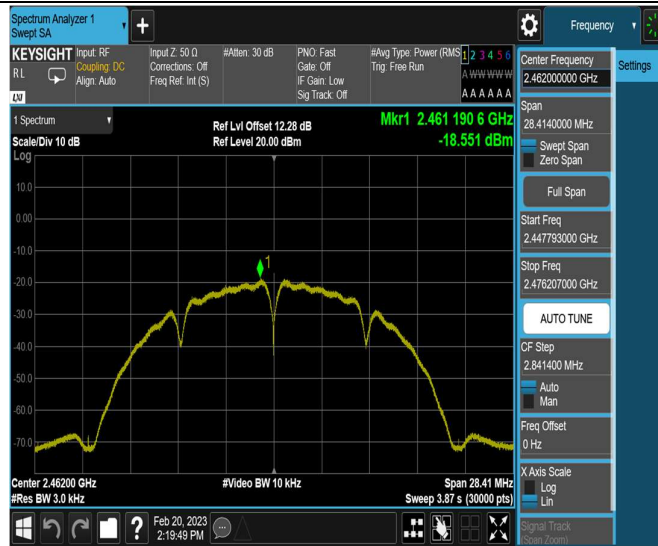
Appendix D: Maximum power spectral density

Test Result

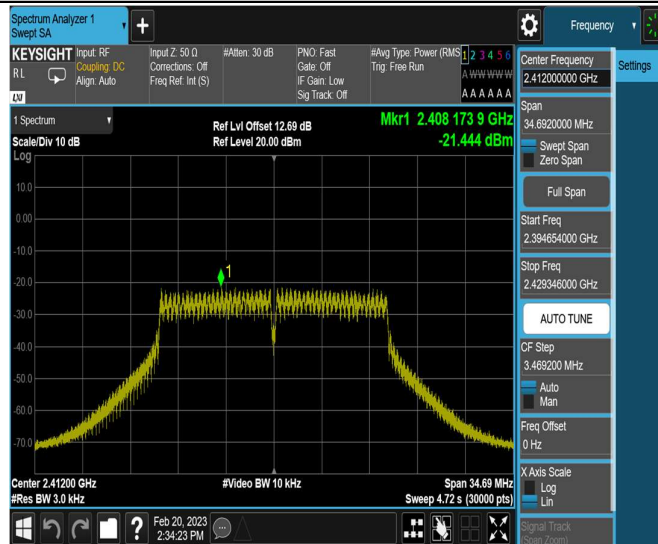
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-19.12	≤8.00	PASS
		2437	-18.58	≤8.00	PASS
		2462	-18.55	≤8.00	PASS
11G	Ant1	2412	-21.44	≤8.00	PASS
		2437	-21.08	≤8.00	PASS
		2462	-20.95	≤8.00	PASS
11N20SISO	Ant1	2412	-21.47	≤8.00	PASS
		2437	-21.47	≤8.00	PASS
		2462	-20.99	≤8.00	PASS

Test Graphs

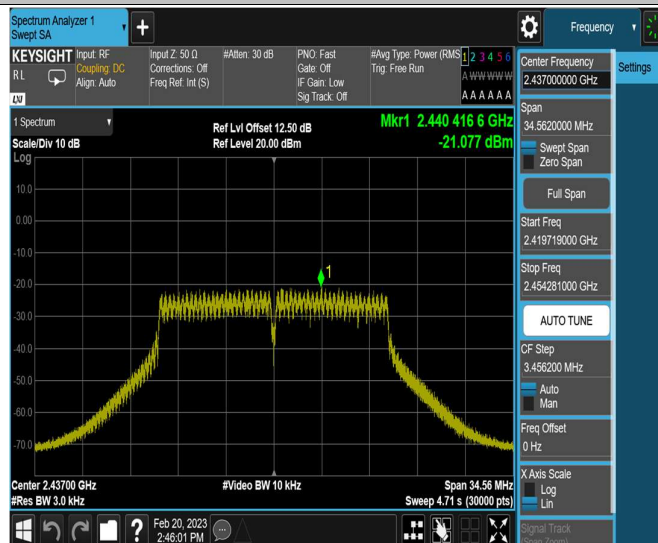




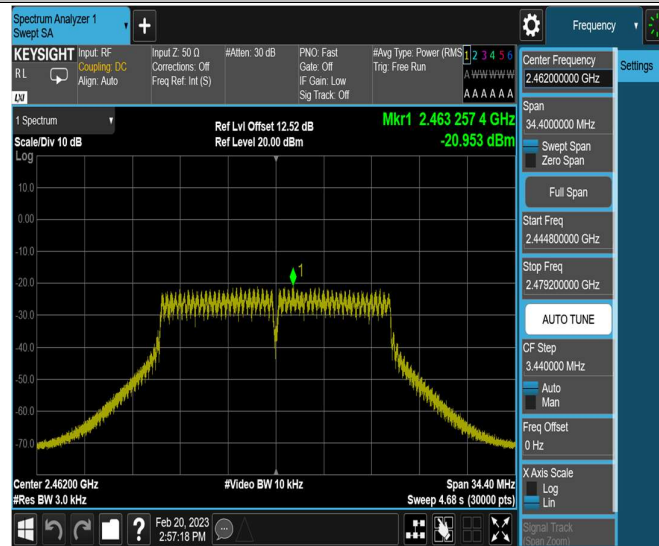
11G_Ant1_2412



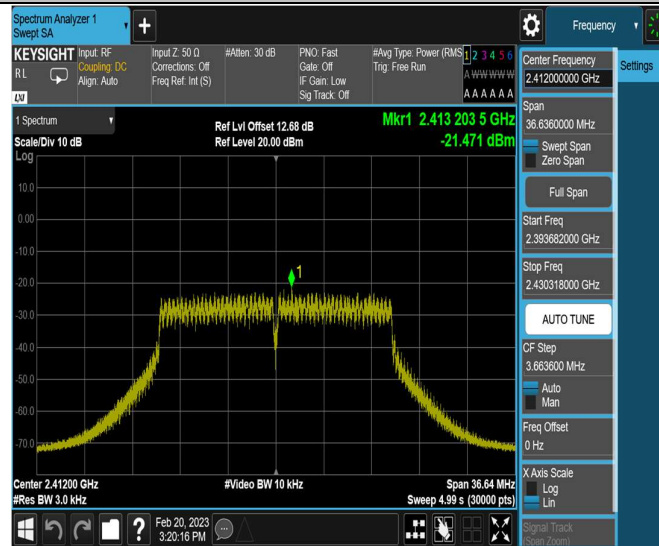
11G_Ant1_2437



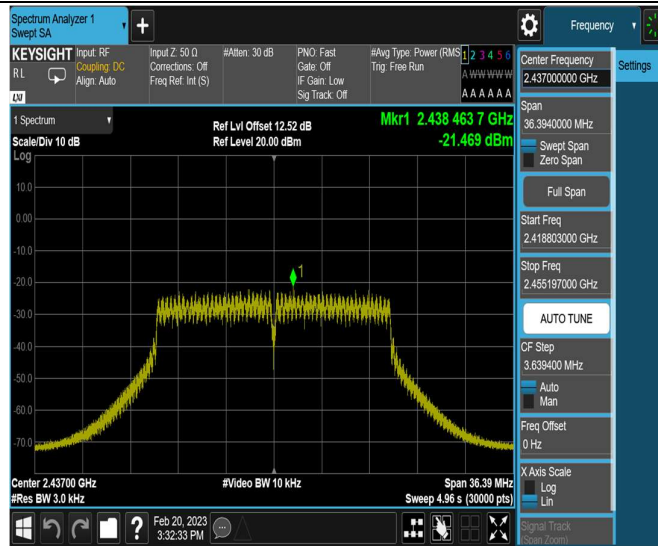
11G_Ant1_2462



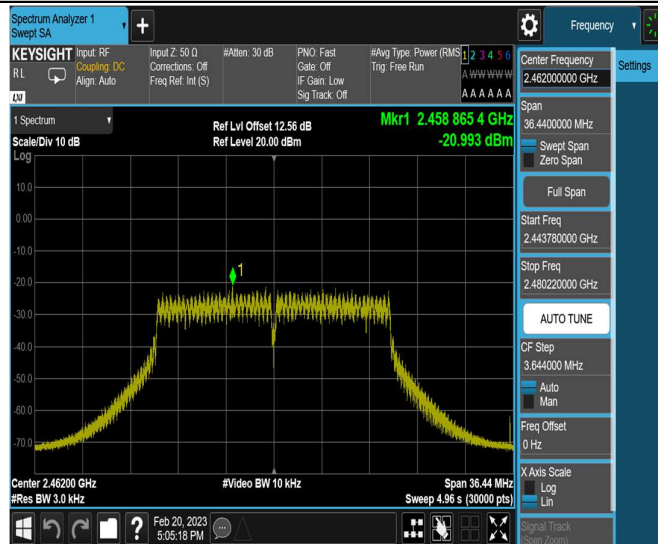
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

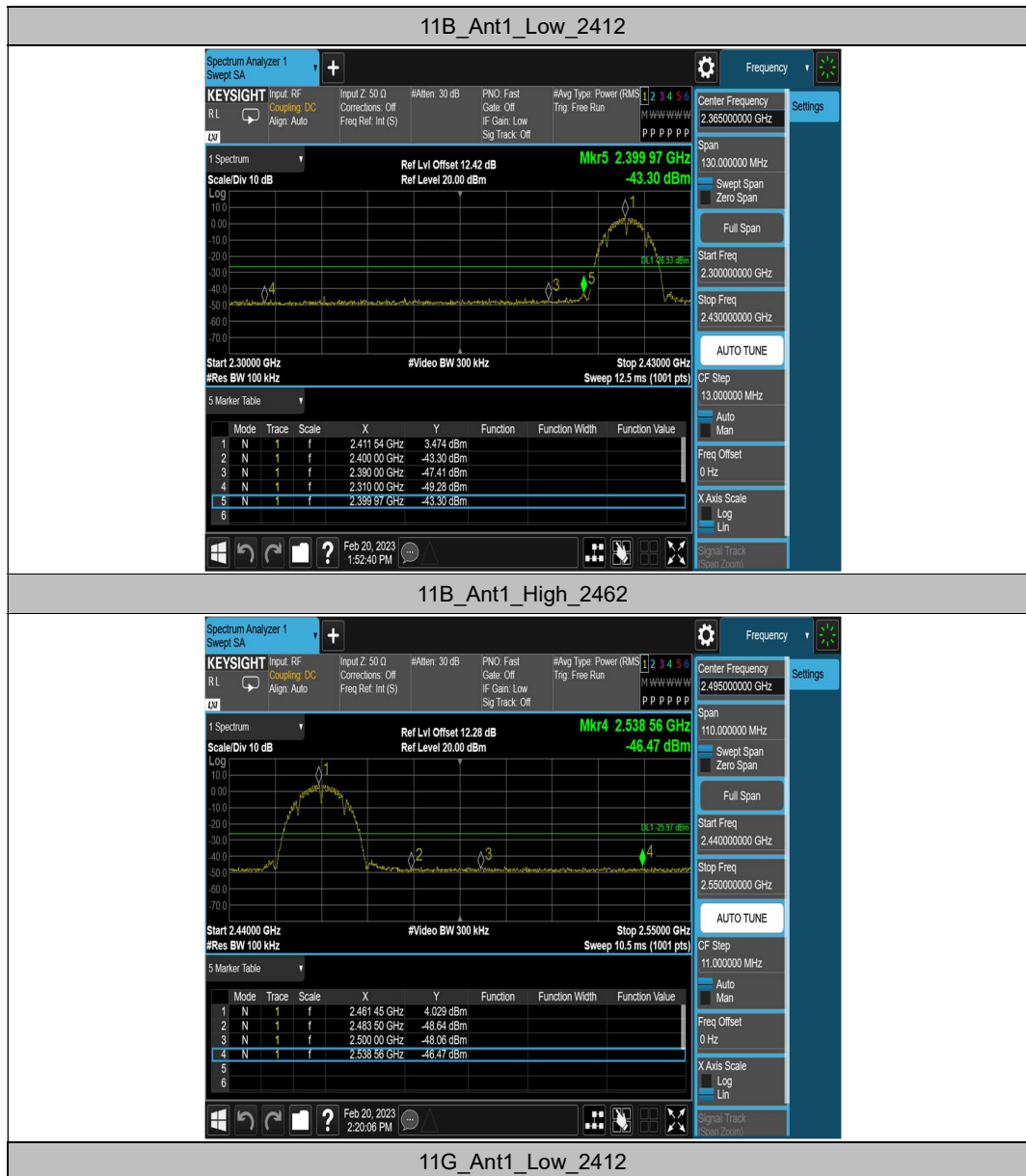


Appendix E: Band edge measurements

Test Result

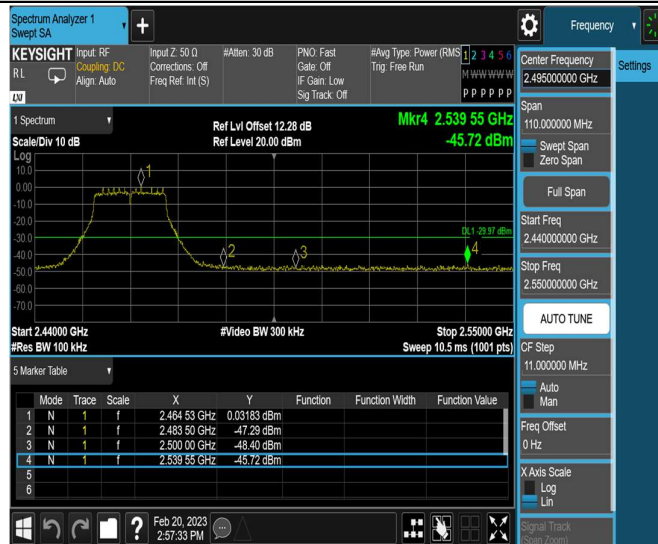
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.47	-43.3	≤-26.53	PASS
		High	2462	4.03	-46.47	≤-25.97	PASS
11G	Ant1	Low	2412	0.26	-32.49	≤-29.74	PASS
		High	2462	0.03	-45.72	≤-29.97	PASS
11N20SISO	Ant1	Low	2412	-1.07	-34.69	≤-31.07	PASS
		High	2462	-0.57	-45.76	≤-30.57	PASS

Test Graphs





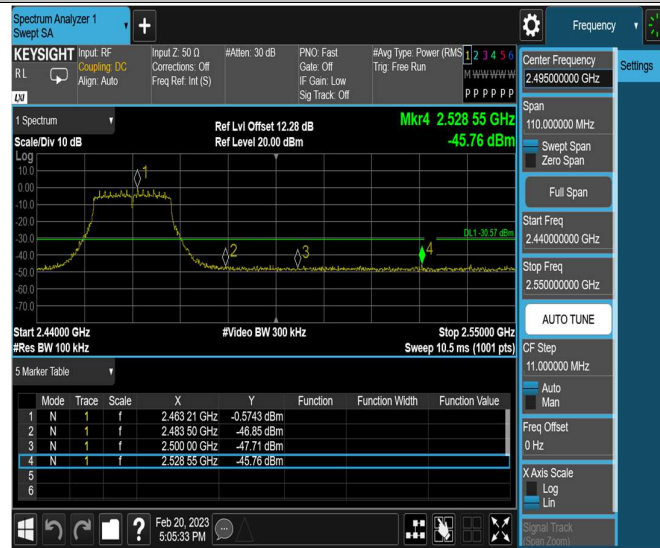
11G_Ant1_High_2462



11N20ISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

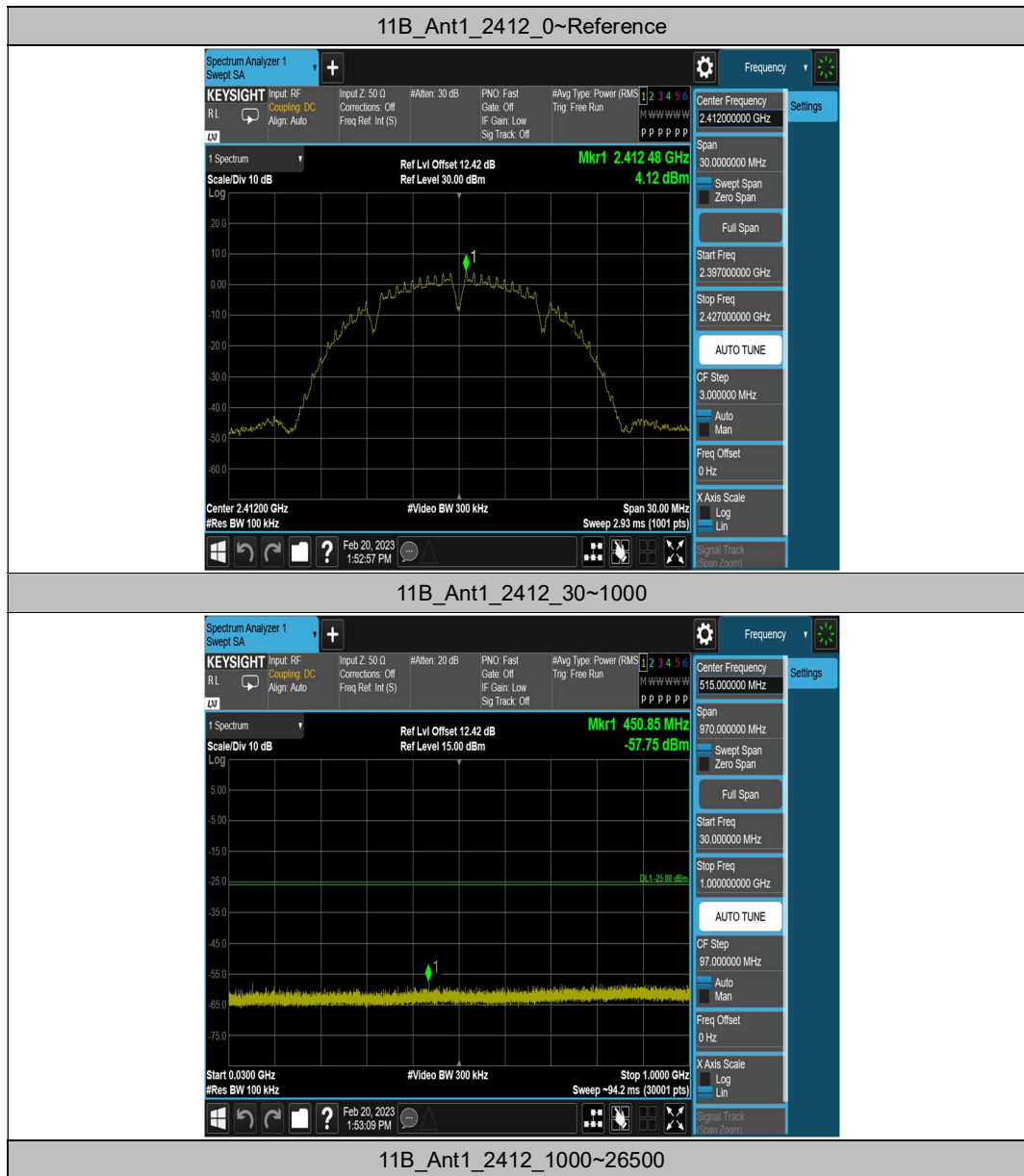


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.12	4.12	---	PASS
			30~1000	4.12	-57.75	≤-25.88	PASS
			1000~26500	4.12	-49.16	≤-25.88	PASS
		2437	Reference	4.14	4.14	---	PASS
			30~1000	4.14	-57.84	≤-25.86	PASS
			1000~26500	4.14	-49.91	≤-25.86	PASS
		2462	Reference	4.03	4.03	---	PASS
			30~1000	4.03	-58.44	≤-25.97	PASS
			1000~26500	4.03	-49.79	≤-25.97	PASS
11G	Ant1	2412	Reference	0.30	0.30	---	PASS
			30~1000	0.30	-57.47	≤-29.7	PASS
			1000~26500	0.30	-49.08	≤-29.7	PASS
		2437	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-57.74	≤-29.97	PASS
			1000~26500	0.03	-49.57	≤-29.97	PASS
		2462	Reference	0.22	0.22	---	PASS
			30~1000	0.22	-57.91	≤-29.78	PASS
			1000~26500	0.22	-49.36	≤-29.78	PASS
11N20SISO	Ant1	2412	Reference	-1.03	-1.03	---	PASS
			30~1000	-1.03	-57.88	≤-31.03	PASS
			1000~26500	-1.03	-48.22	≤-31.03	PASS
		2437	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-57.3	≤-30.69	PASS
			1000~26500	-0.69	-49.34	≤-30.69	PASS
		2462	Reference	-0.54	-0.54	---	PASS
			30~1000	-0.54	-57.89	≤-30.54	PASS
			1000~26500	-0.54	-50.13	≤-30.54	PASS

Test Graphs

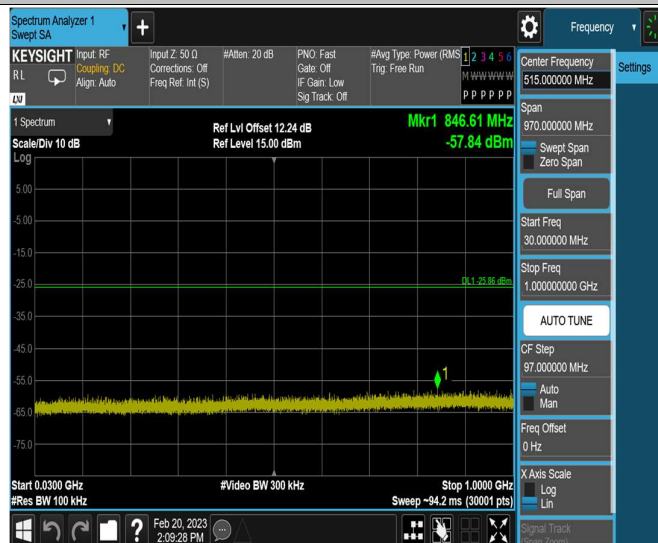




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

