
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.320	2416.880	0.5	PASS
		2437	10.040	2431.840	2441.880	0.5	PASS
		2462	10.040	2456.840	2466.880	0.5	PASS
11G	Ant1	2412	16.360	2403.680	2420.040	0.5	PASS
		2437	16.320	2428.720	2445.040	0.5	PASS
		2462	16.360	2453.680	2470.040	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.080	2420.680	0.5	PASS
		2437	17.560	2428.080	2445.640	0.5	PASS
		2462	17.600	2453.080	2470.680	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.320	2439.680	0.5	PASS
		2437	35.600	2419.000	2454.600	0.5	PASS
		2452	35.280	2434.320	2469.600	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2437

11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



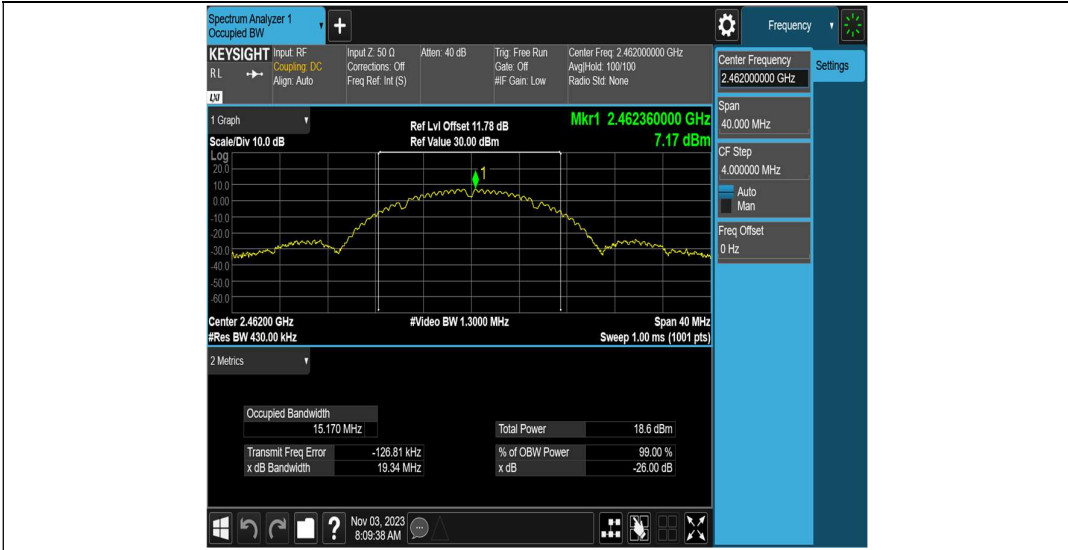
Appendix B: Occupied Channel Bandwidth

Test Result

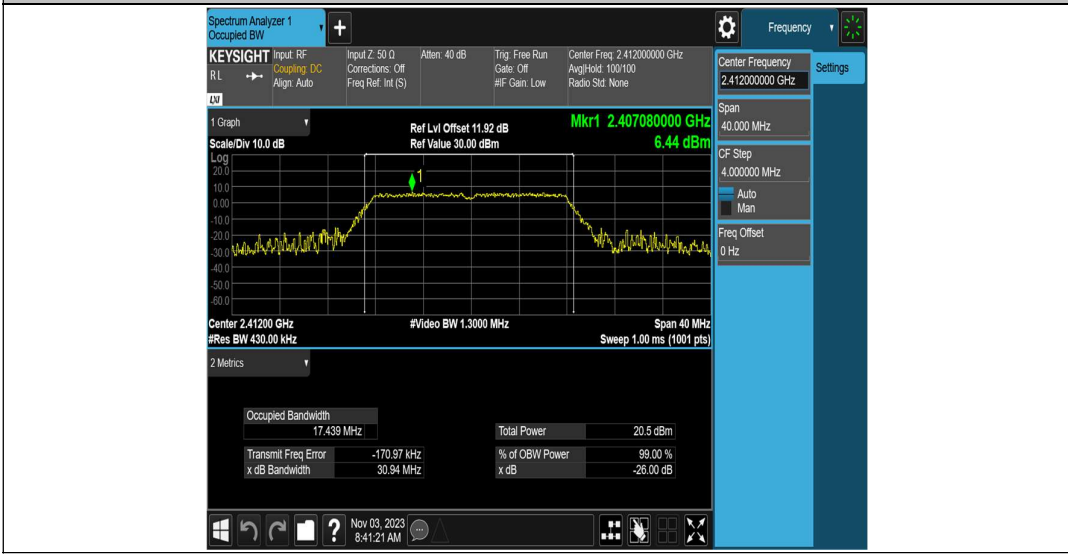
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.117	2404.3022	2419.4192	---	---
		2437	15.092	2429.3071	2444.3991	---	---
		2462	15.170	2454.2882	2469.4582	---	---
11G	Ant1	2412	17.439	2403.1095	2420.5485	---	---
		2437	17.208	2428.2478	2445.4558	---	---
		2462	17.333	2453.1735	2470.5065	---	---
11N20SISO	Ant1	2412	18.182	2402.7740	2420.9560	---	---
		2437	18.226	2427.7775	2446.0035	---	---
		2462	18.191	2452.7855	2470.9765	---	---
11N40SISO	Ant1	2422	36.381	2403.7028	2440.0838	---	---
		2437	36.437	2418.6700	2455.1070	---	---
		2452	36.413	2433.6482	2470.0612	---	---

Test Graphs





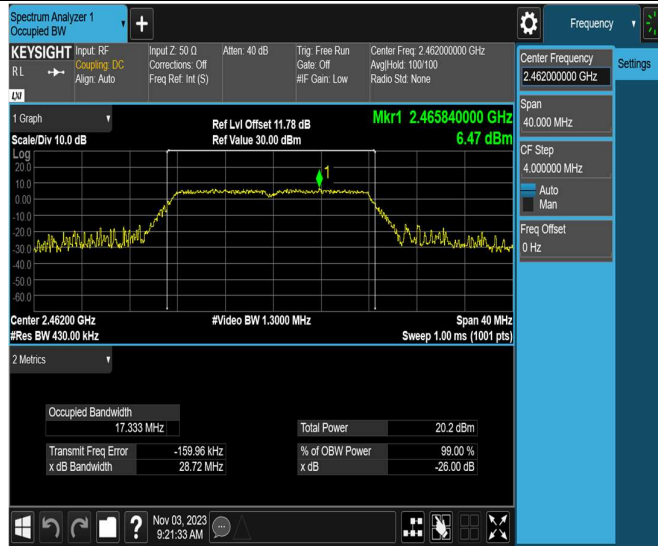
11G_An1_2412



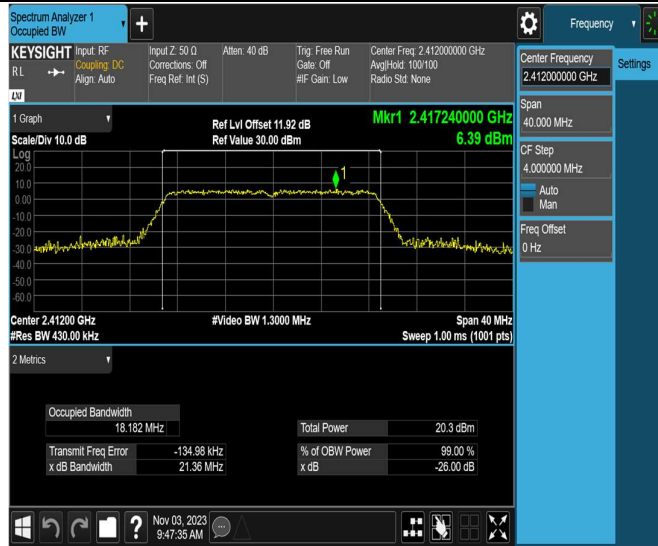
11G_An1_2437



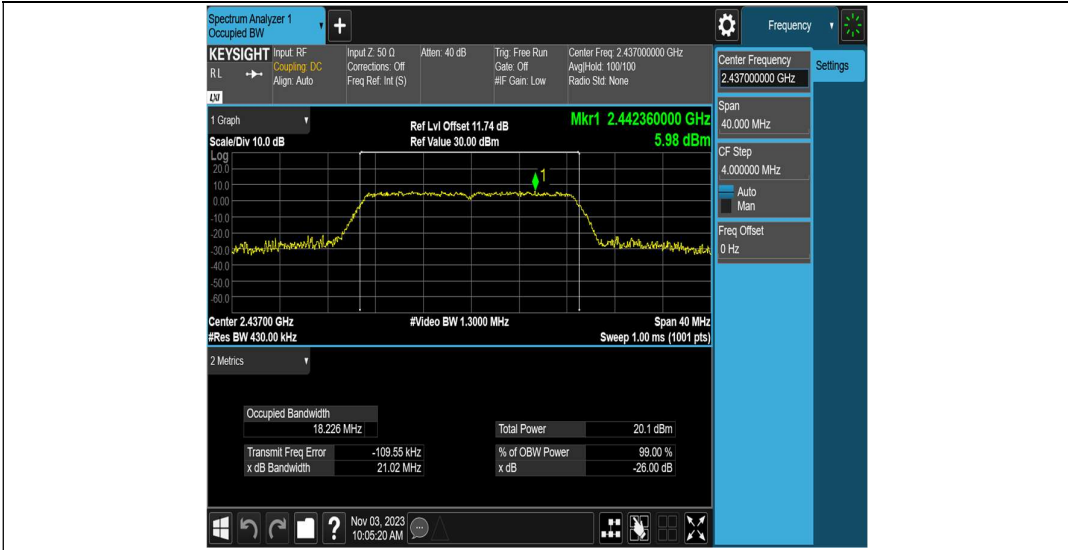
11G_Ant1_2462



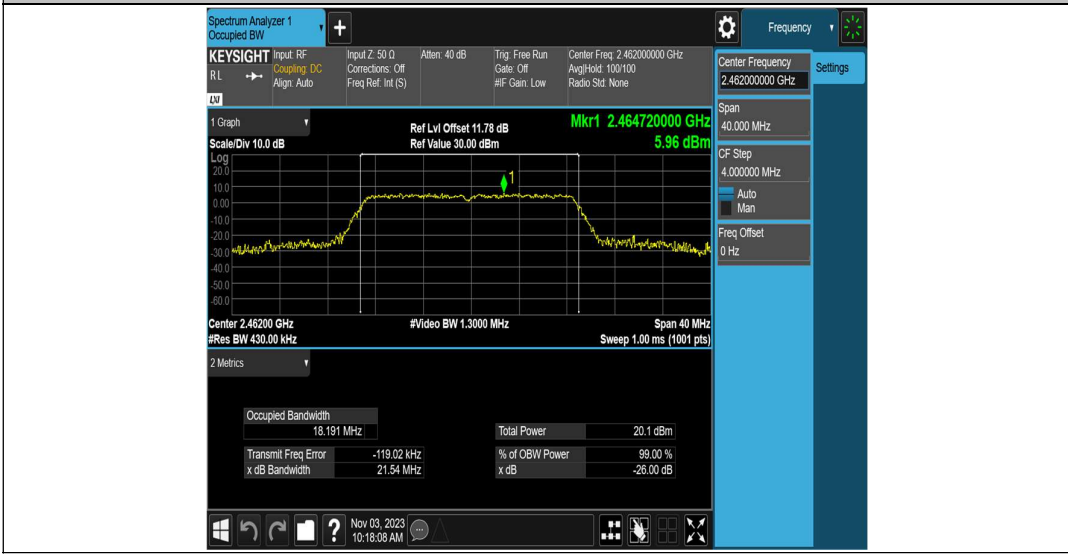
11N20SISO_Ant1_2412



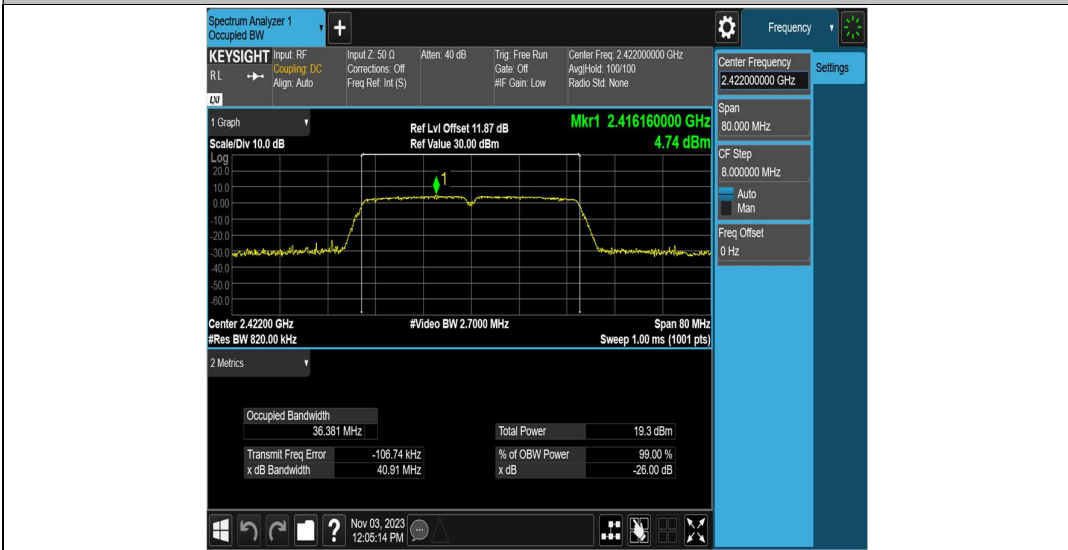
11N20SISO_Ant1_2437



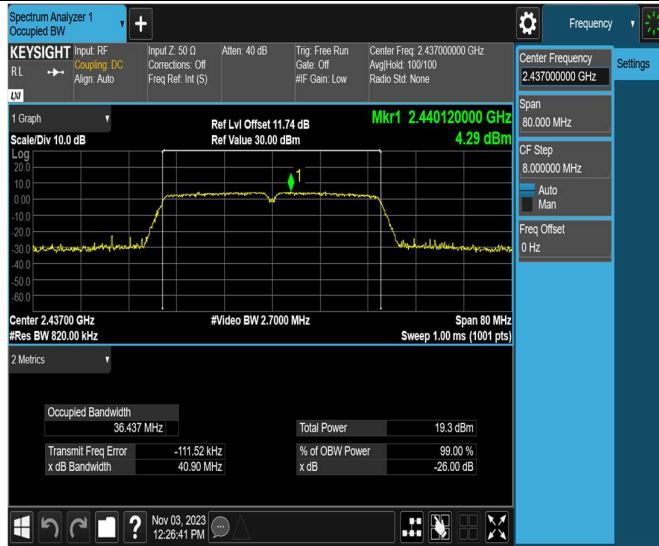
11N20SISO_Ant1_2462



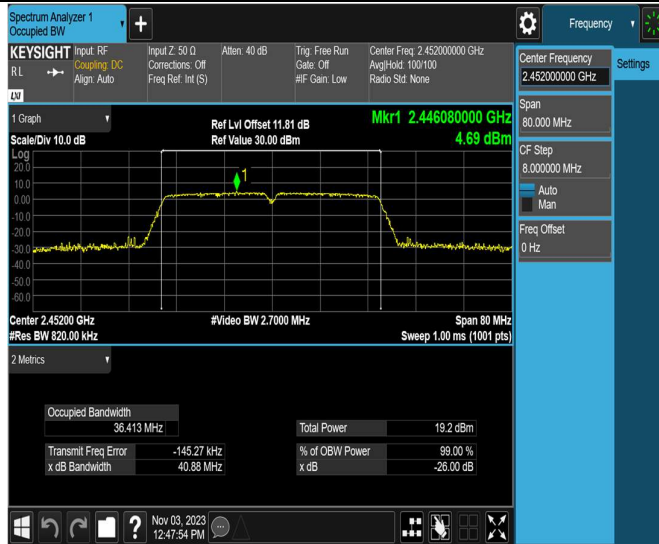
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

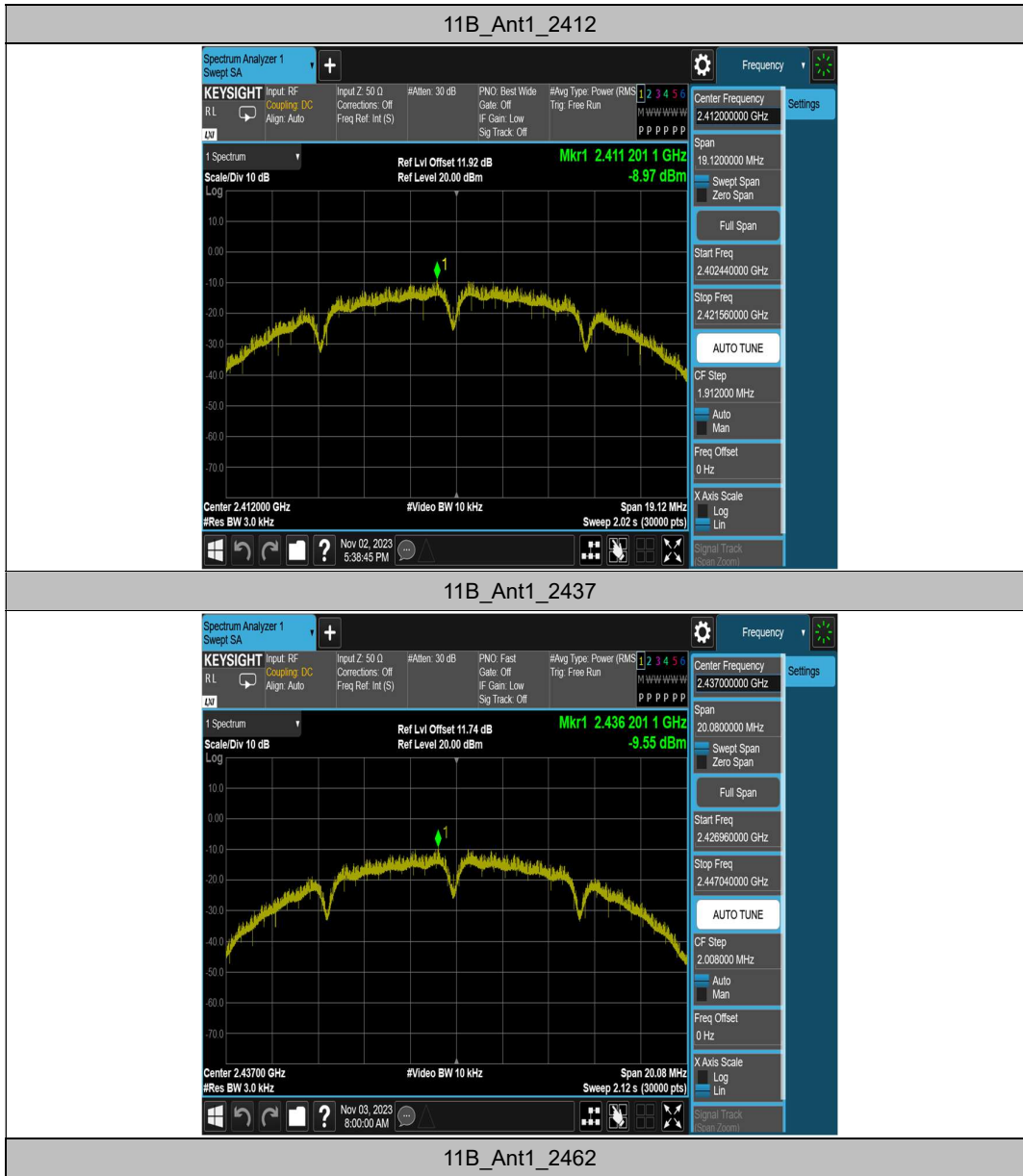
TestMode	Antenna	Frequency[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.79	≤30.00	PASS
		2437	18.37	≤30.00	PASS
		2462	18.17	≤30.00	PASS
11G	Ant1	2412	21.63	≤30.00	PASS
		2437	21.41	≤30.00	PASS
		2462	21.28	≤30.00	PASS
11N20SIS O	Ant1	2412	21.38	≤30.00	PASS
		2437	21.28	≤30.00	PASS
		2462	21.18	≤30.00	PASS
11N40SIS O	Ant1	2422	19.57	≤30.00	PASS
		2437	19.47	≤30.00	PASS
		2452	19.45	≤30.00	PASS

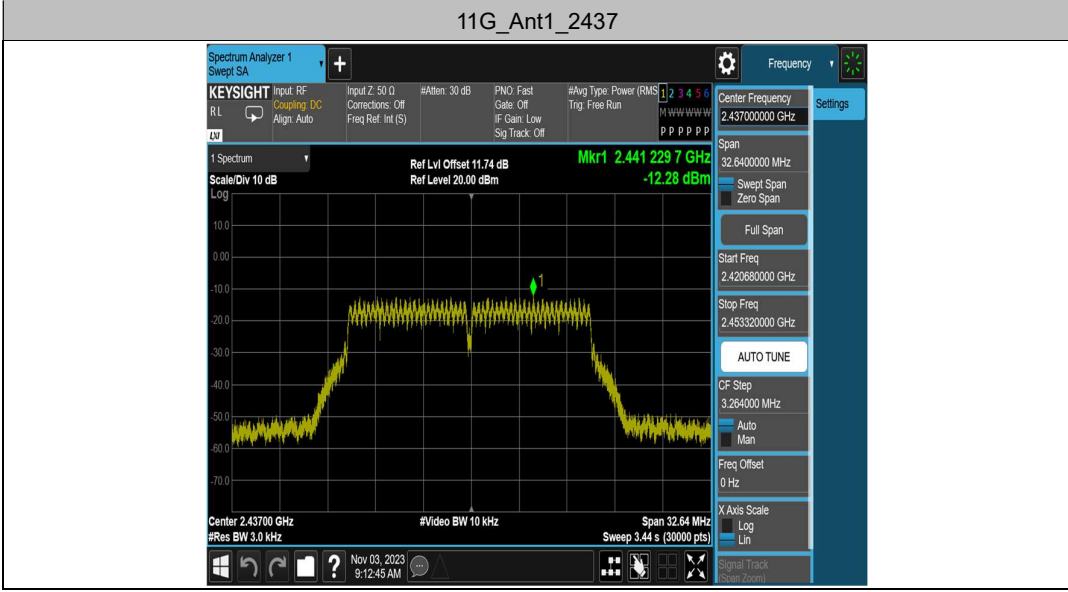
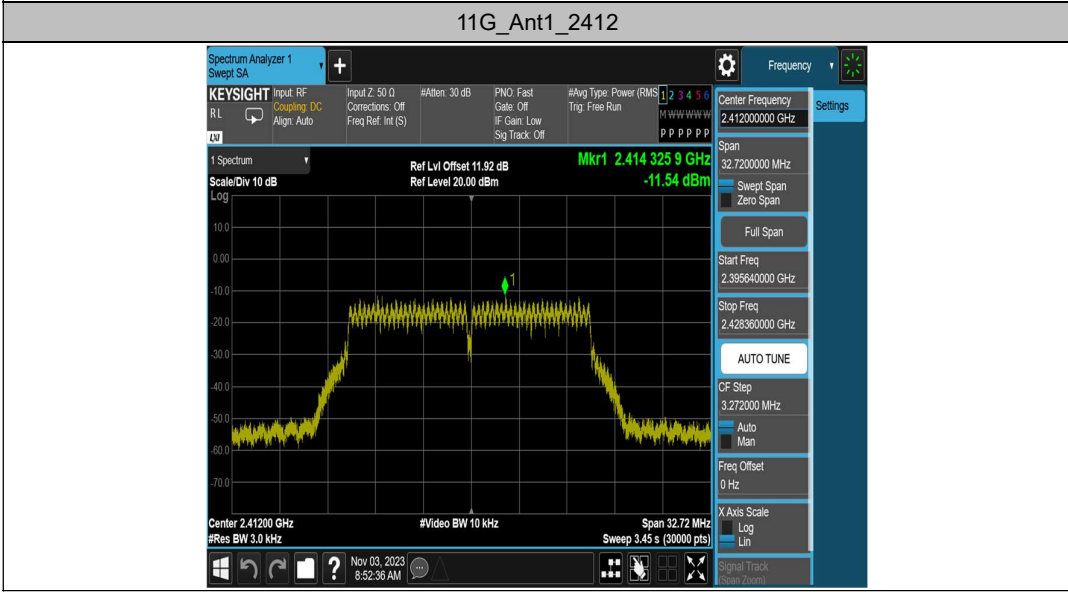
Appendix D: Maximum power spectral density

Test Result

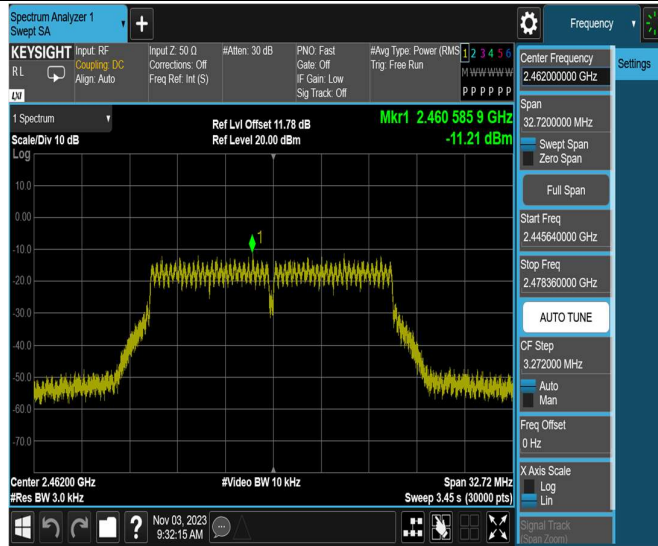
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.97	≤8.00	PASS
		2437	-9.55	≤8.00	PASS
		2462	-9.85	≤8.00	PASS
11G	Ant1	2412	-11.54	≤8.00	PASS
		2437	-12.28	≤8.00	PASS
		2462	-11.21	≤8.00	PASS
11N20SISO	Ant1	2412	-11.59	≤8.00	PASS
		2437	-12.08	≤8.00	PASS
		2462	-11.27	≤8.00	PASS
11N40SISO	Ant1	2422	-15.79	≤8.00	PASS
		2437	-15.98	≤8.00	PASS
		2452	-16.18	≤8.00	PASS

Test Graphs

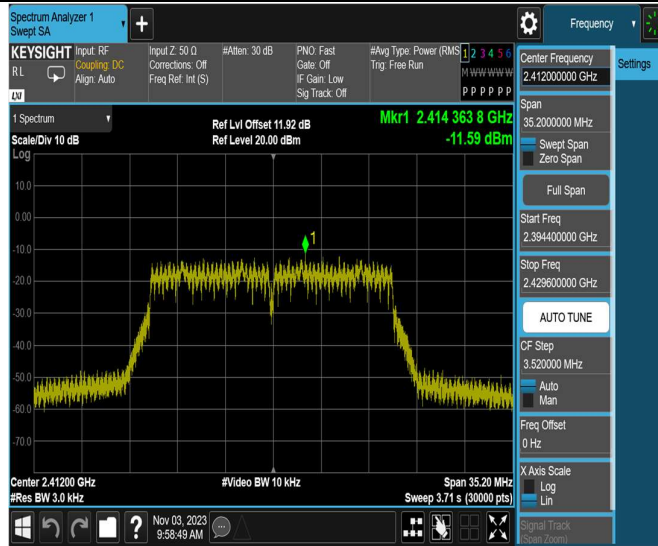




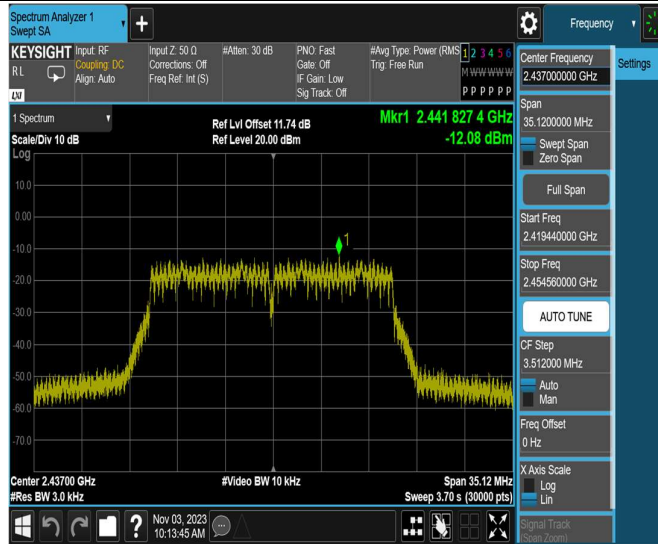
11G_Ant1_2462



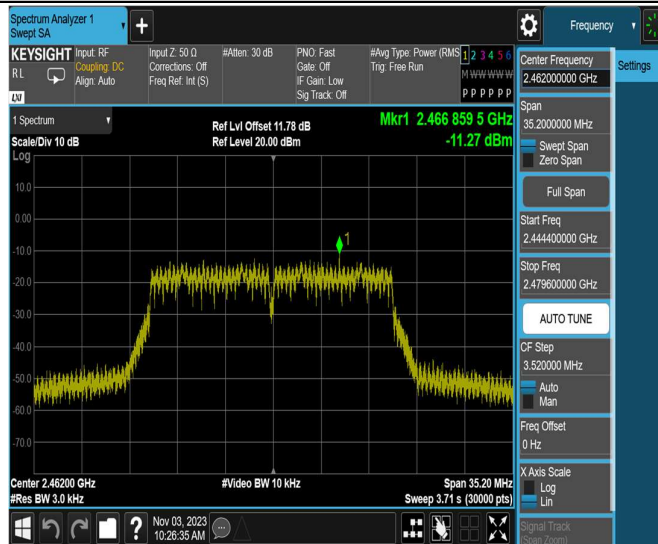
11N20SISO_Ant1_2412



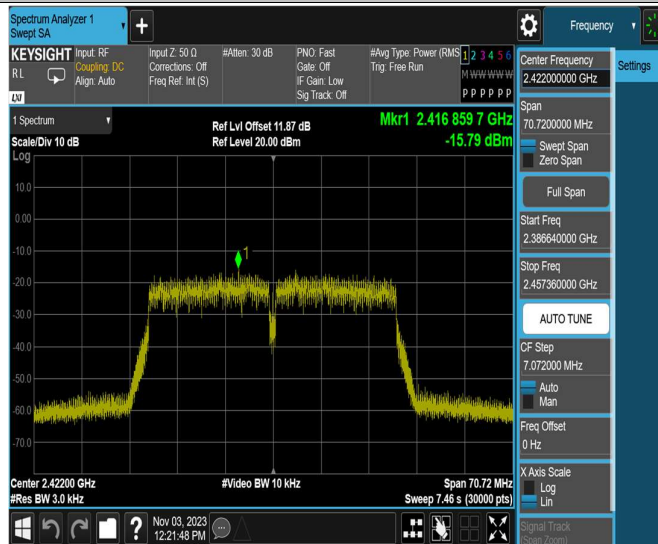
11N20SISO_Ant1_2437



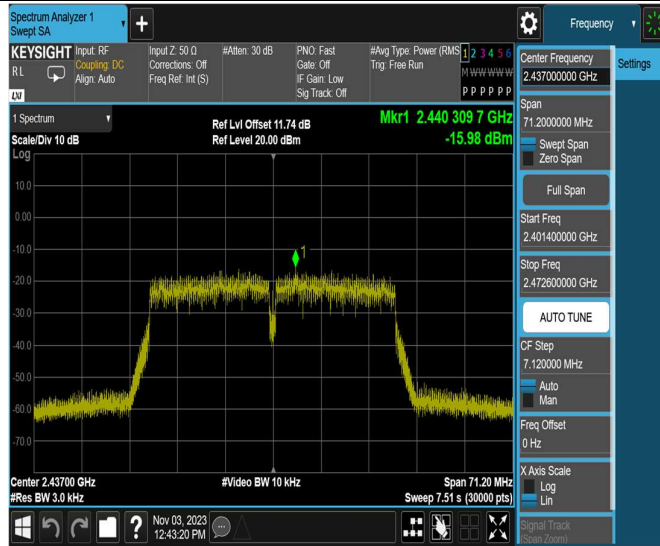
11N20SISO_Ant1_2462



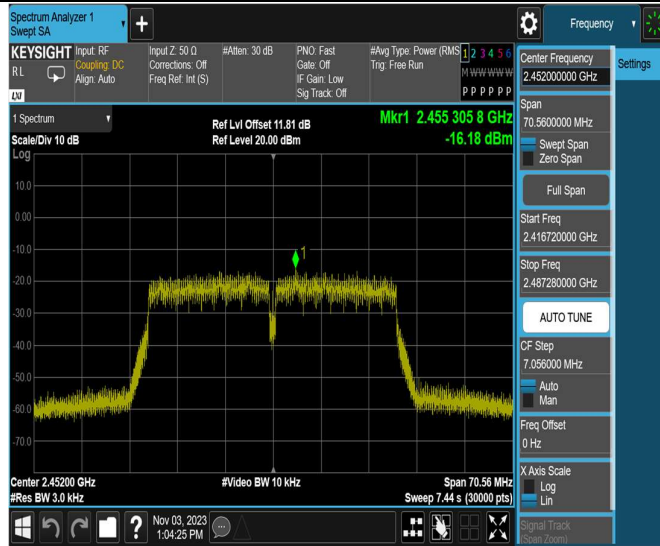
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



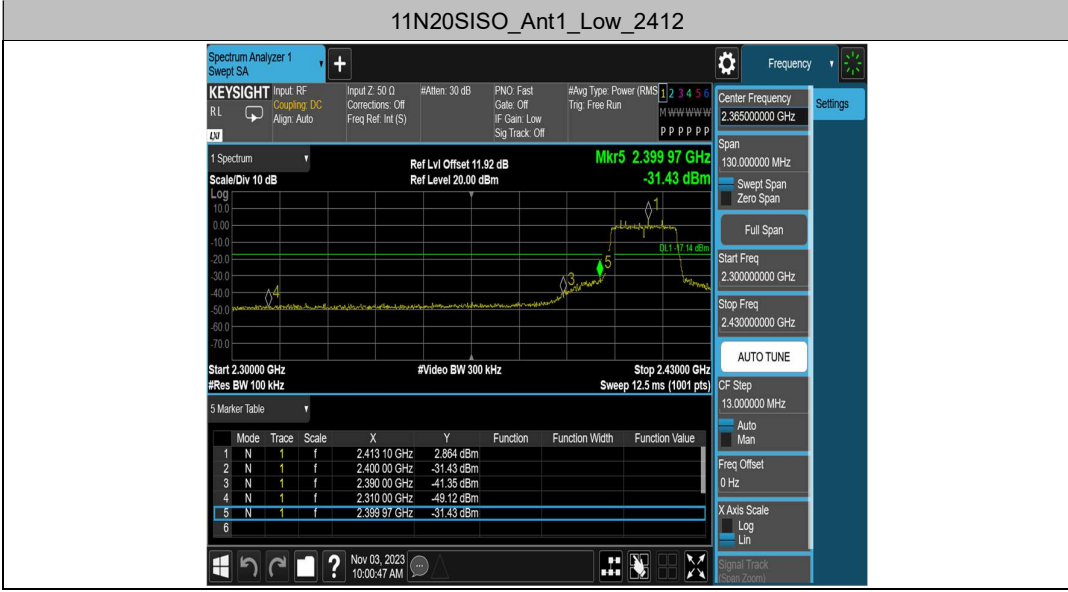
Appendix E: Band edge measurements

Test Result

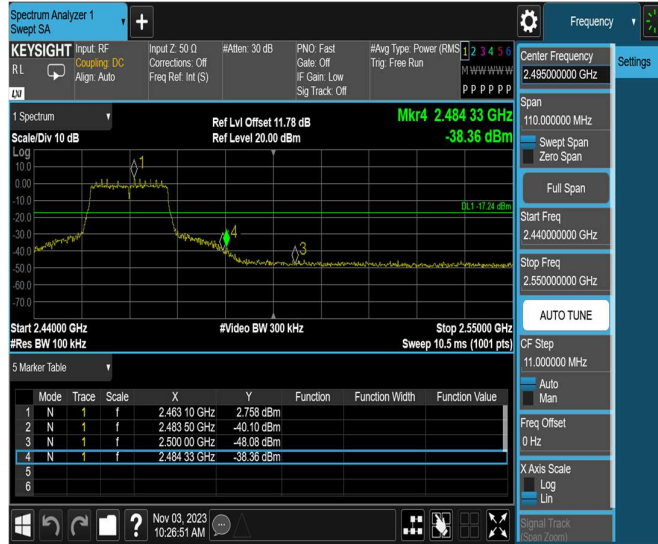
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.75	-23.41	≤-10.25	PASS
		High	2462	5.92	-44.67	≤-14.08	PASS
11G	Ant1	Low	2412	3.28	-26.2	≤-16.73	PASS
		High	2462	3.00	-37.39	≤-17.01	PASS
11N20SISO	Ant1	Low	2412	2.86	-31.43	≤-17.14	PASS
		High	2462	2.76	-38.36	≤-17.24	PASS
11N40SISO	Ant1	Low	2422	-1.69	-36.01	≤-21.69	PASS
		High	2452	-1.91	-38.37	≤-21.91	PASS

Test Graphs





11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.46	6.46	---	PASS
			30~1000	6.46	-58.23	≤-13.54	PASS
			1000~26500	6.46	-34.57	≤-13.54	PASS
		2437	Reference	5.95	5.95	---	PASS
			30~1000	5.95	-57.96	≤-14.05	PASS
			1000~26500	5.95	-39.01	≤-14.05	PASS
		2462	Reference	5.93	5.93	---	PASS
			30~1000	5.93	-58.48	≤-14.07	PASS
			1000~26500	5.93	-40.04	≤-14.07	PASS
11G	Ant1	2412	Reference	3.08	3.08	---	PASS
			30~1000	3.08	-58.71	≤-16.92	PASS
			1000~26500	3.08	-43.01	≤-16.92	PASS
		2437	Reference	3.12	3.12	---	PASS
			30~1000	3.12	-53.27	≤-16.88	PASS
			1000~26500	3.12	-44.5	≤-16.88	PASS
		2462	Reference	2.98	2.98	---	PASS
			30~1000	2.98	-58.36	≤-17.02	PASS
			1000~26500	2.98	-44.02	≤-17.02	PASS
11N20SISO	Ant1	2412	Reference	3.09	3.09	---	PASS
			30~1000	3.09	-58.04	≤-16.91	PASS
			1000~26500	3.09	-45.37	≤-16.91	PASS
		2437	Reference	2.89	2.89	---	PASS
			30~1000	2.89	-58.66	≤-17.11	PASS
			1000~26500	2.89	-47.24	≤-17.11	PASS
		2462	Reference	2.72	2.72	---	PASS
			30~1000	2.72	-57.08	≤-17.28	PASS
			1000~26500	2.72	-47.03	≤-17.28	PASS
11N40SISO	Ant1	2422	Reference	-1.60	-1.60	---	PASS
			30~1000	-1.60	-58.05	≤-21.6	PASS
			1000~26500	-1.60	-48.86	≤-21.6	PASS
		2437	Reference	-1.81	-1.81	---	PASS
			30~1000	-1.81	-58.14	≤-21.81	PASS
			1000~26500	-1.81	-49.96	≤-21.81	PASS
		2452	Reference	-1.94	-1.94	---	PASS
			30~1000	-1.94	-58.12	≤-21.94	PASS
			1000~26500	-1.94	-49.97	≤-21.94	PASS