

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2406.960	2417.080	0.5	PASS
		2437	10.120	2431.960	2442.080	0.5	PASS
		2462	10.120	2456.960	2467.080	0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SI SO	Ant1	2412	17.480	2403.280	2420.760	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SI SO	Ant1	2422	35.440	2404.400	2439.840	0.5	PASS
		2437	35.760	2419.000	2454.760	0.5	PASS
		2452	35.920	2433.920	2469.840	0.5	PASS

Test Graphs





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



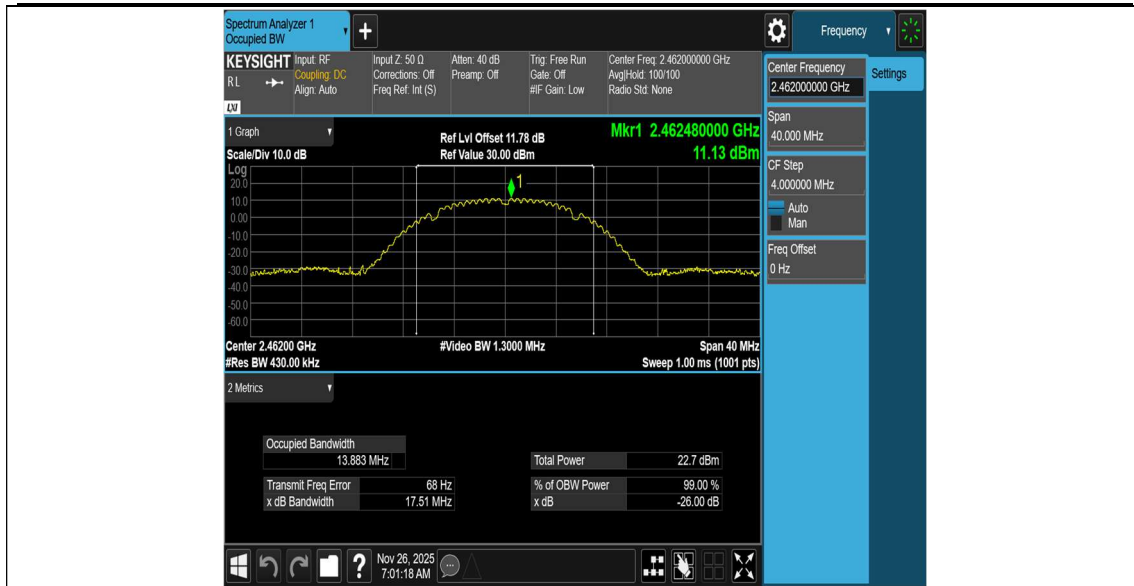
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.892	2405.0882	2418.9802	---	---
		2437	13.857	2430.0807	2443.9377	---	---
		2462	13.883	2455.0586	2468.9416	---	---
11G	Ant1	2412	17.295	2403.5177	2420.8127	---	---
		2437	17.202	2428.5292	2445.7312	---	---
		2462	17.205	2453.5160	2470.7210	---	---
11N20SIS O	Ant1	2412	18.303	2402.9251	2421.2281	---	---
		2437	18.298	2427.8852	2446.1832	---	---
		2462	18.215	2452.9172	2471.1322	---	---
11N40SIS O	Ant1	2422	36.481	2403.8233	2440.3043	---	---
		2437	36.352	2418.8514	2455.2034	---	---
		2452	36.300	2433.8592	2470.1592	---	---

Test Graphs

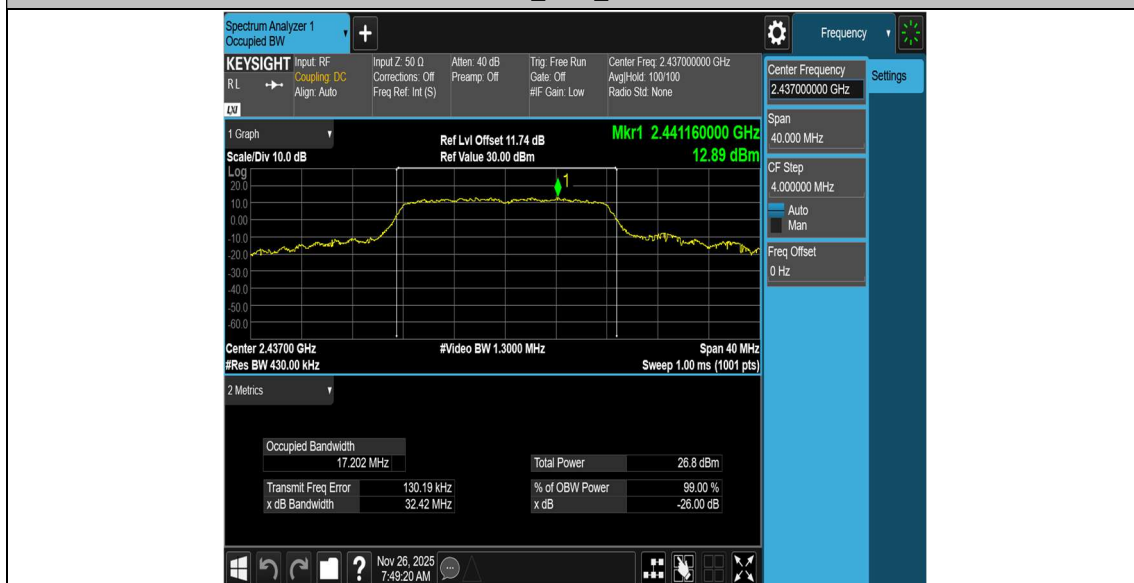




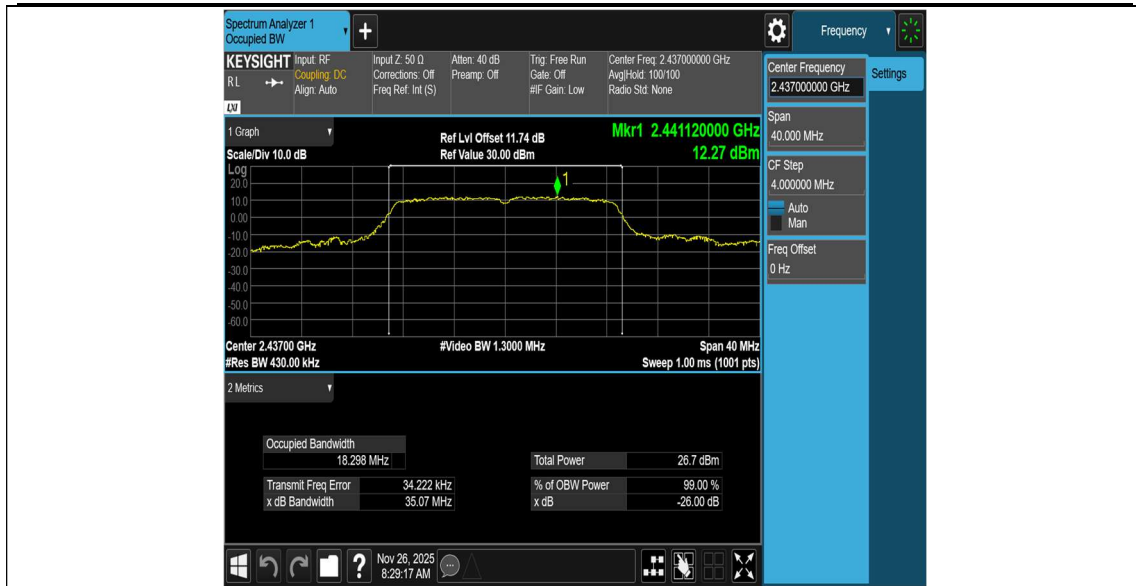
11G_Ant1_2412



11G_Ant1_2437



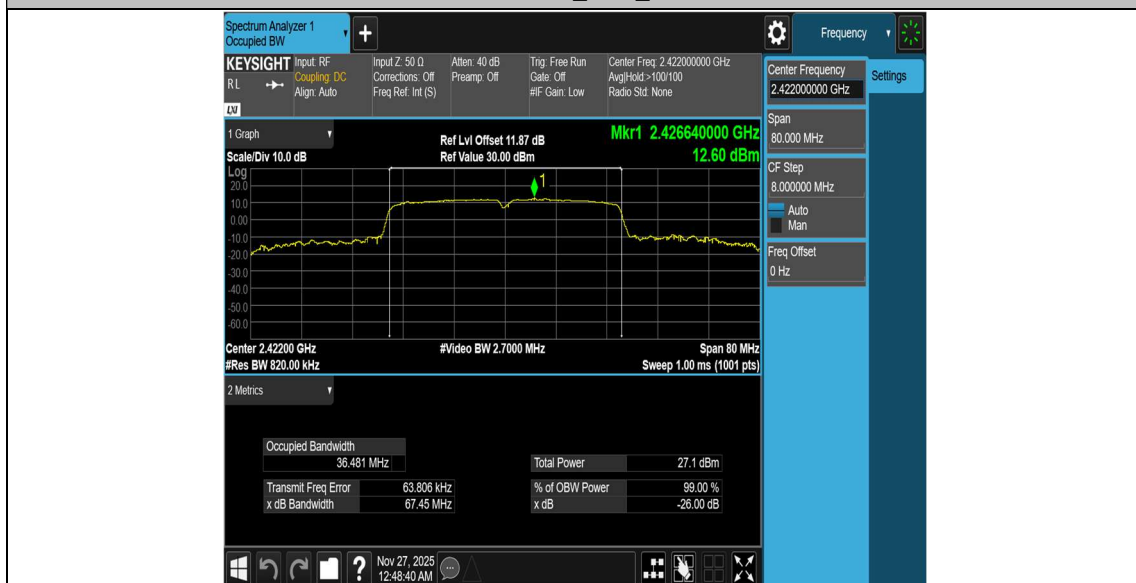




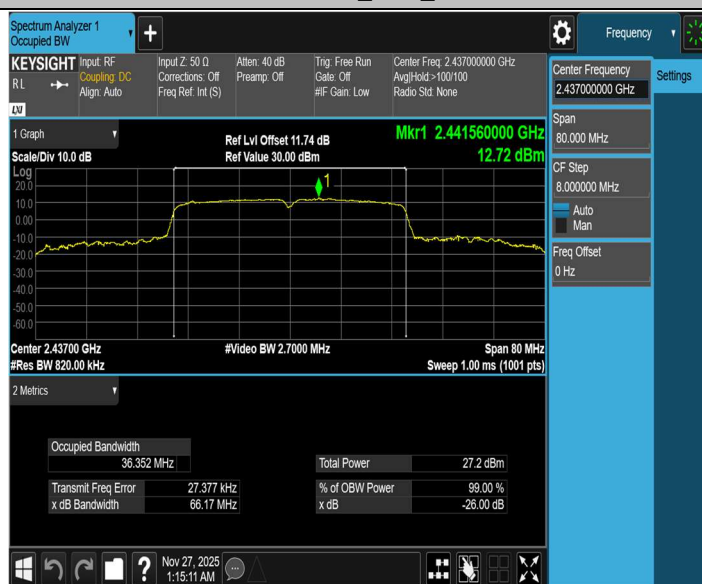
11N20SISO_Ant1_2462



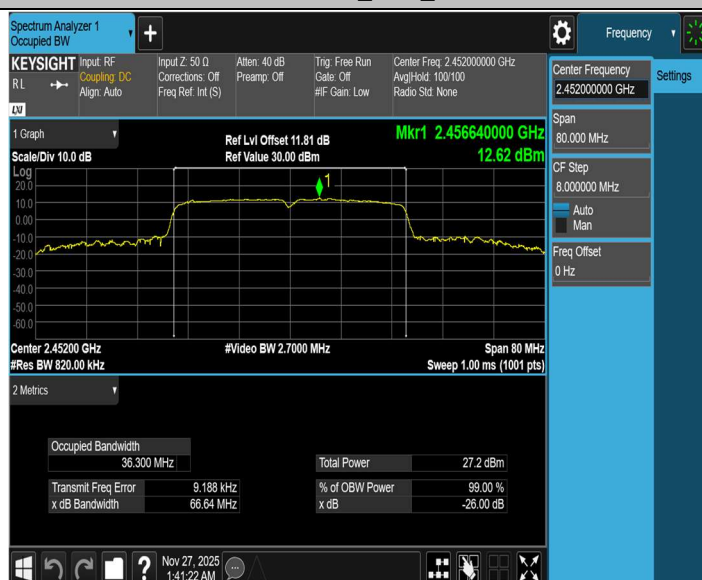
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

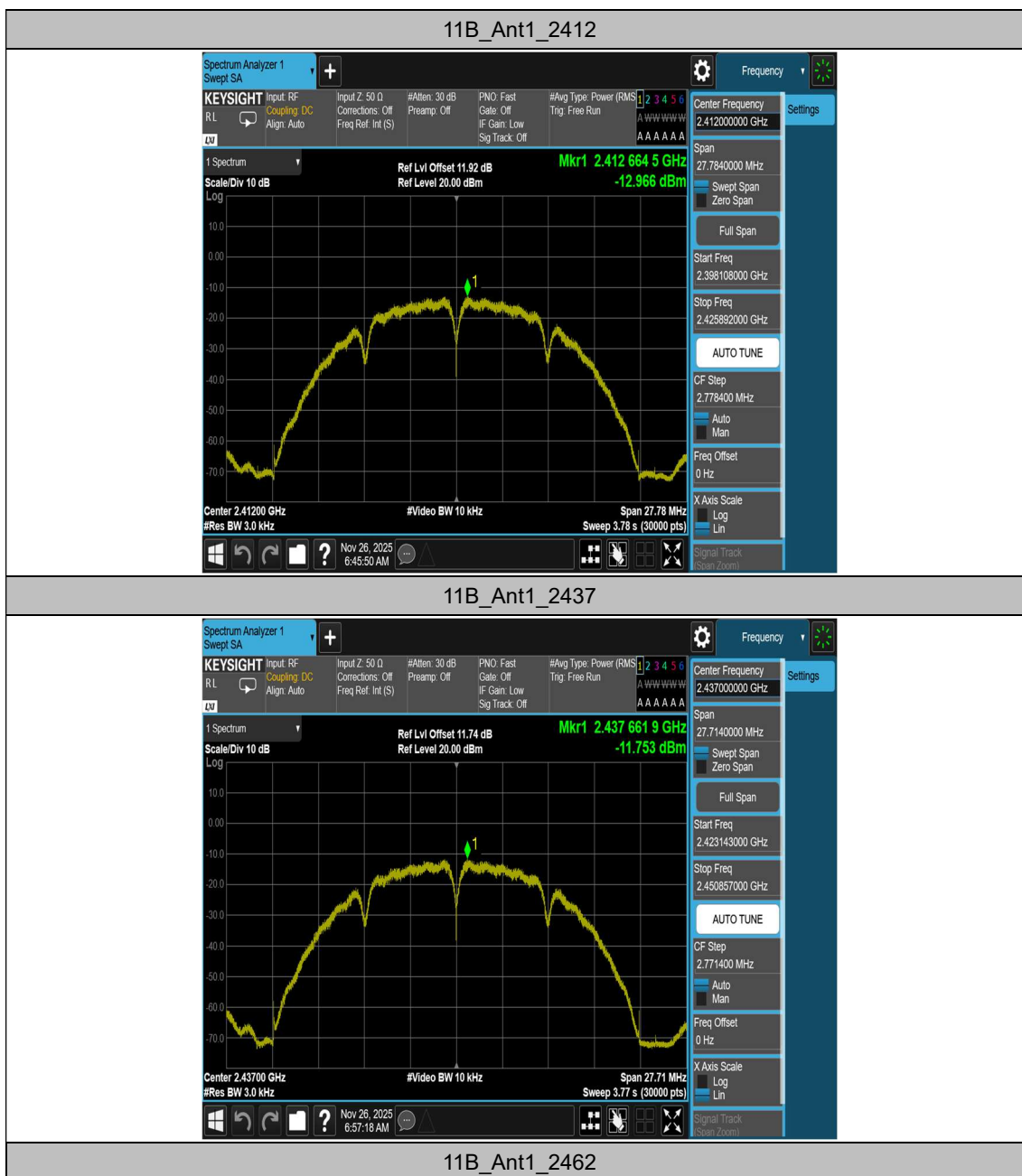
Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	100.00	0.00	18.26	≤30.00	2.50	20.76	≤36.00	PASS
		2437	100.00	0.00	19.57	≤30.00	2.50	22.07	≤36.00	PASS
		2462	100.00	0.00	19.71	≤30.00	2.50	22.21	≤36.00	PASS
11G	Ant1	2412	96.45	0.16	20.11	≤30.00	2.50	22.61	≤36.00	PASS
		2437	96.45	0.16	19.84	≤30.00	2.50	22.34	≤36.00	PASS
		2462	96.45	0.16	19.93	≤30.00	2.50	22.43	≤36.00	PASS
11N20SI SO	Ant1	2412	96.21	0.17	19.72	≤30.00	2.50	22.22	≤36.00	PASS
		2437	95.49	0.20	19.77	≤30.00	2.50	22.27	≤36.00	PASS
		2462	96.24	0.17	19.73	≤30.00	2.50	22.23	≤36.00	PASS
11N40SI SO	Ant1	2422	92.65	0.33	19.78	≤30.00	2.50	22.28	≤36.00	PASS
		2437	91.30	0.40	19.79	≤30.00	2.50	22.29	≤36.00	PASS
		2452	91.30	0.40	16.98	≤30.00	2.50	19.48	≤36.00	PASS

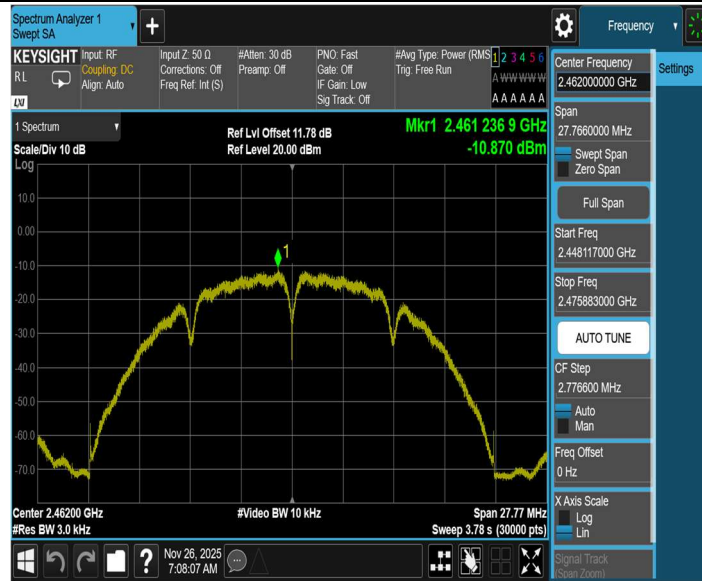
Appendix D: Maximum power spectral density

Test Result

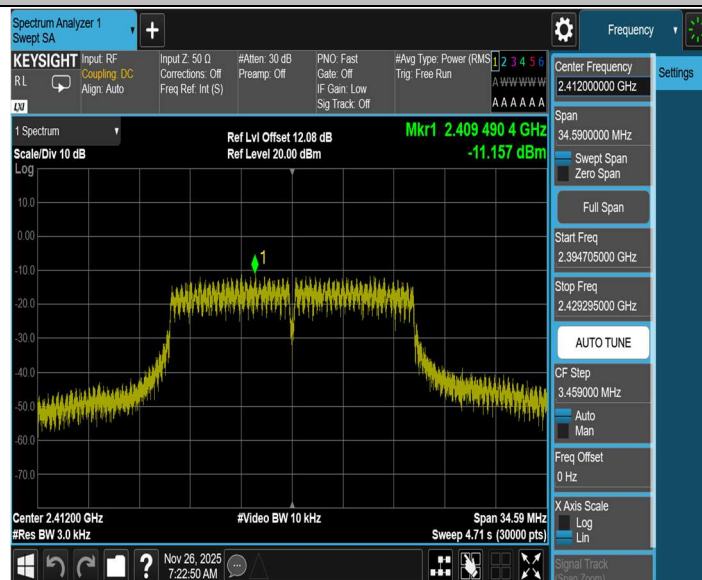
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.97	≤8.00	PASS
		2437	-11.75	≤8.00	PASS
		2462	-10.87	≤8.00	PASS
11G	Ant1	2412	-11.16	≤8.00	PASS
		2437	-10.86	≤8.00	PASS
		2462	-11.16	≤8.00	PASS
11N20SISO	Ant1	2412	-11.26	≤8.00	PASS
		2437	-10.60	≤8.00	PASS
		2462	-11.30	≤8.00	PASS
11N40SISO	Ant1	2422	-11.88	≤8.00	PASS
		2437	-12.21	≤8.00	PASS
		2452	-12.19	≤8.00	PASS

Test Graphs

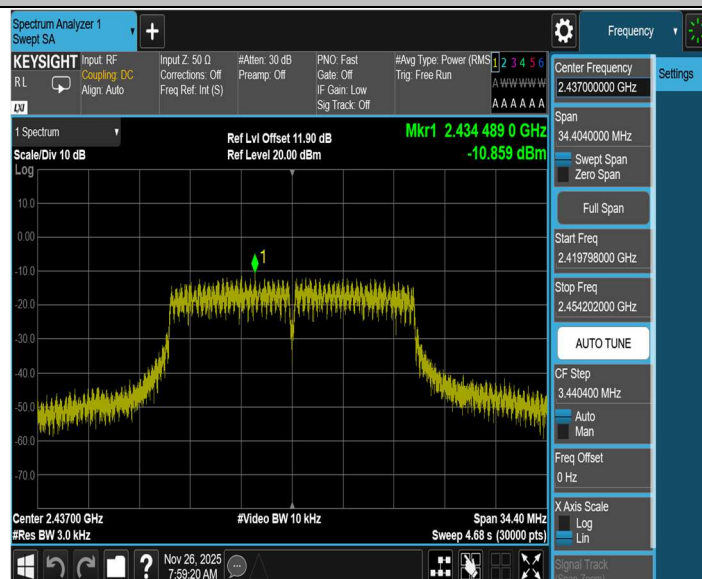


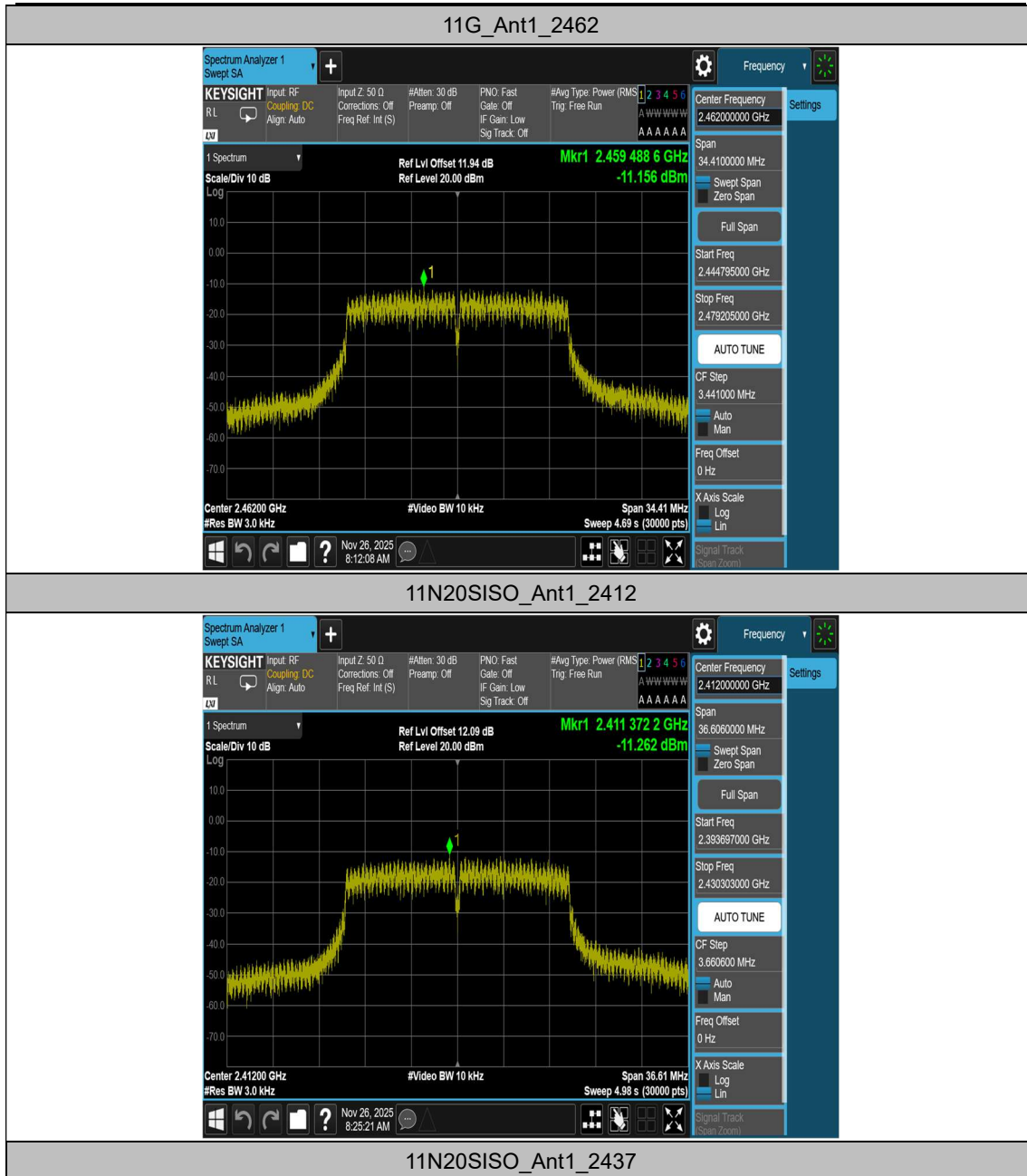


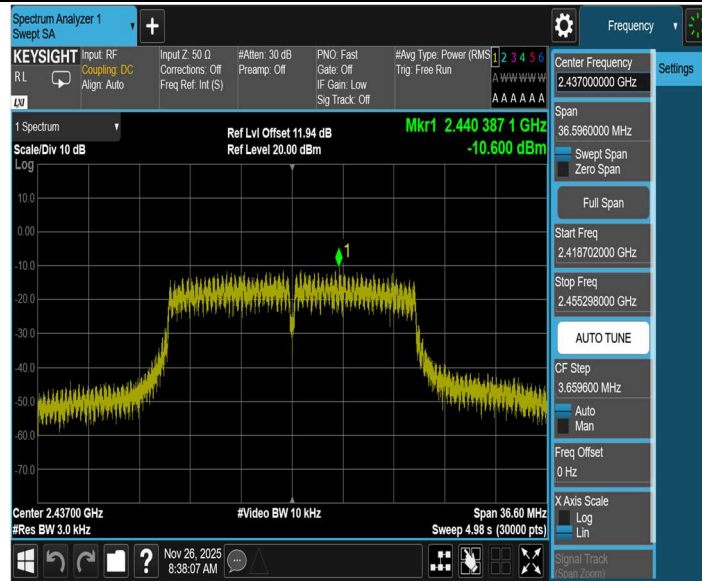
11G_Ant1_2412



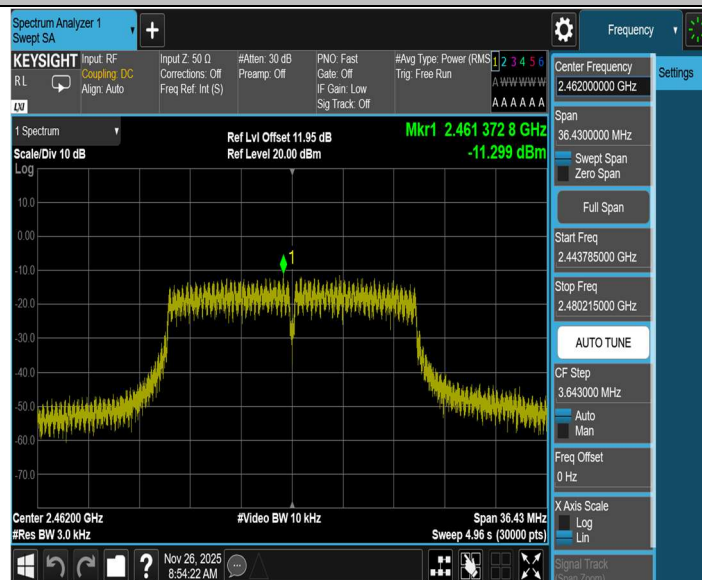
11G_Ant1_2437



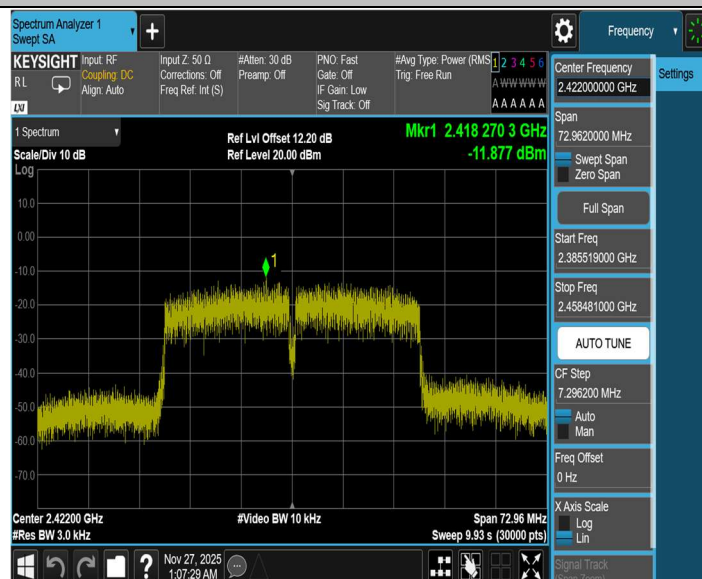


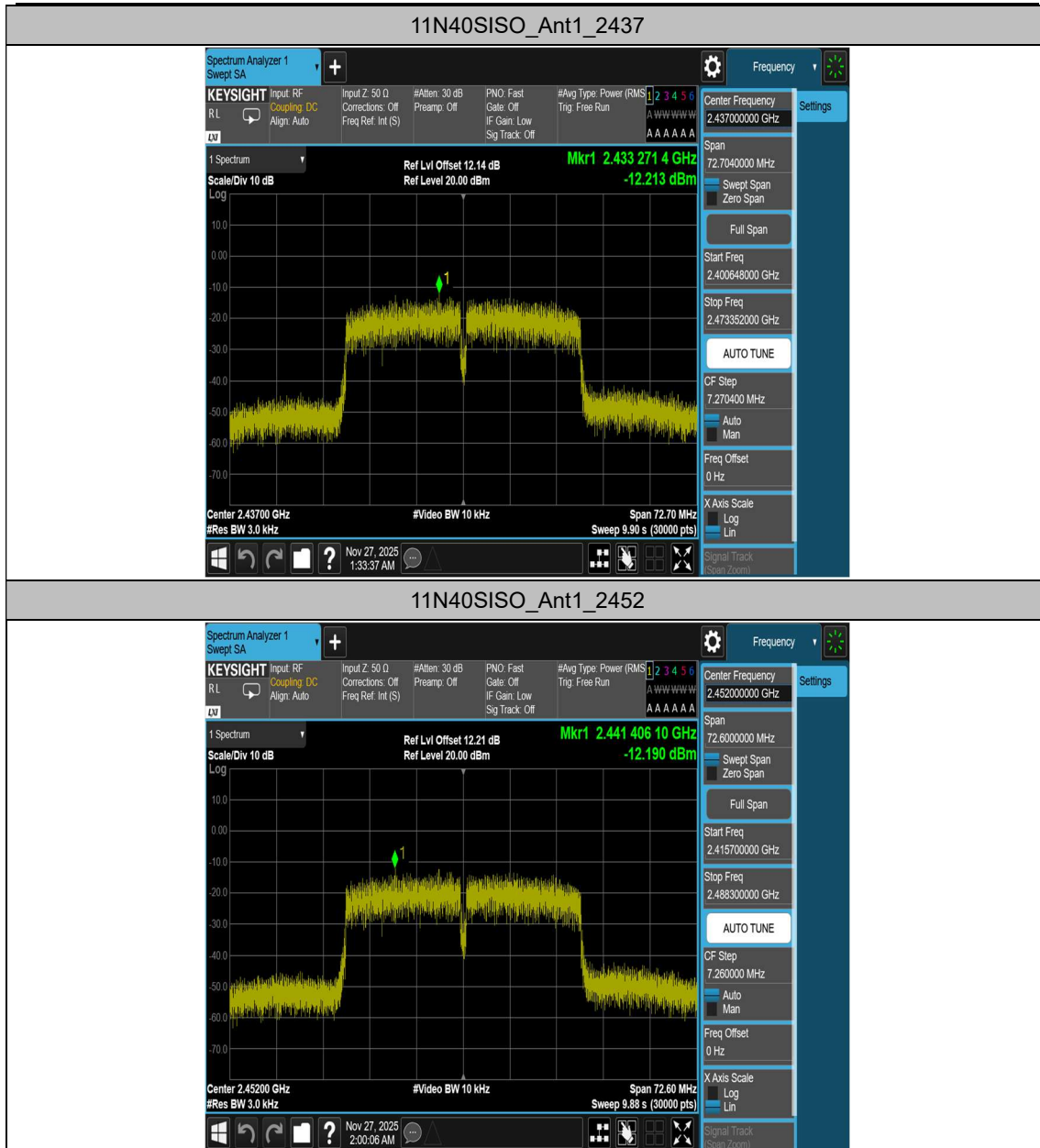


11N20SISO_Ant1_2462



11N40SISO_Ant1_2422





Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.37	-38.39	≤-20.63	PASS
		High	2462	10.78	-45.14	≤-19.22	PASS
11G	Ant1	Low	2412	8.86	-23.17	≤-21.14	PASS
		High	2462	9.24	-31.19	≤-20.76	PASS
11N20SI SO	Ant1	Low	2412	9.28	-22.43	≤-20.72	PASS
		High	2462	9.10	-29.21	≤-20.9	PASS
11N40SI SO	Ant1	Low	2422	3.19	-32.82	≤-26.82	PASS
		High	2452	3.24	-33.95	≤-26.76	PASS

Test Graphs





11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



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	9.49	9.49	---	PASS
			30~1000	9.49	-57.86	≤-20.51	PASS
			1000~26500	9.49	-43.73	≤-20.51	PASS
		2437	Reference	10.77	10.77	---	PASS
			30~1000	10.77	-58.49	≤-19.23	PASS
			1000~26500	10.77	-50.29	≤-19.23	PASS
		2462	Reference	10.84	10.84	---	PASS
			30~1000	10.84	-58.48	≤-19.16	PASS
			1000~26500	10.84	-43.03	≤-19.16	PASS
11G	Ant1	2412	Reference	9.44	9.44	---	PASS
			30~1000	9.44	-58.62	≤-20.56	PASS
			1000~26500	9.44	-47.36	≤-20.56	PASS
		2437	Reference	9.22	9.22	---	PASS
			30~1000	9.22	-58.85	≤-20.78	PASS
			1000~26500	9.22	-50.24	≤-20.78	PASS
		2462	Reference	9.23	9.23	---	PASS
			30~1000	9.23	-59.01	≤-20.77	PASS
			1000~26500	9.23	-48.11	≤-20.77	PASS
11N20SI SO	Ant1	2412	Reference	9.29	9.29	---	PASS
			30~1000	9.29	-57.75	≤-20.71	PASS
			1000~26500	9.29	-49.29	≤-20.71	PASS
		2437	Reference	9.05	9.05	---	PASS
			30~1000	9.05	-58.5	≤-20.95	PASS
			1000~26500	9.05	-50.47	≤-20.95	PASS
		2462	Reference	9.25	9.25	---	PASS
			30~1000	9.25	-57.83	≤-20.75	PASS
			1000~26500	9.25	-48.62	≤-20.75	PASS
11N40SI SO	Ant1	2422	Reference	6.15	6.15	---	PASS
			30~1000	6.15	-57.72	≤-23.85	PASS
			1000~26500	6.15	-50.22	≤-23.85	PASS
		2437	Reference	6.15	6.15	---	PASS
			30~1000	6.15	-59	≤-23.85	PASS
			1000~26500	6.15	-50.21	≤-23.85	PASS
		2452	Reference	5.97	5.97	---	PASS
			30~1000	5.97	-58.61	≤-24.03	PASS
			1000~26500	5.97	-49.93	≤-24.03	PASS