

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.440	2416.560	0.5	PASS
		2437	9.120	2432.440	2441.560	0.5	PASS
		2462	9.560	2457.440	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	2403.240	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SI SO	Ant1	2422	36.560	2403.760	2440.320	0.5	PASS
		2437	36.400	2418.760	2455.160	0.5	PASS
		2452	36.480	2433.760	2470.240	0.5	PASS
11AX20S ISO	Ant1	2412	18.880	2402.560	2421.440	0.5	PASS
		2437	18.840	2427.600	2446.440	0.5	PASS
		2462	19.040	2452.480	2471.520	0.5	PASS
11AX40S ISO	Ant1	2422	37.680	2403.120	2440.800	0.5	PASS
		2437	37.760	2418.120	2455.880	0.5	PASS
		2452	37.440	2433.120	2470.560	0.5	PASS

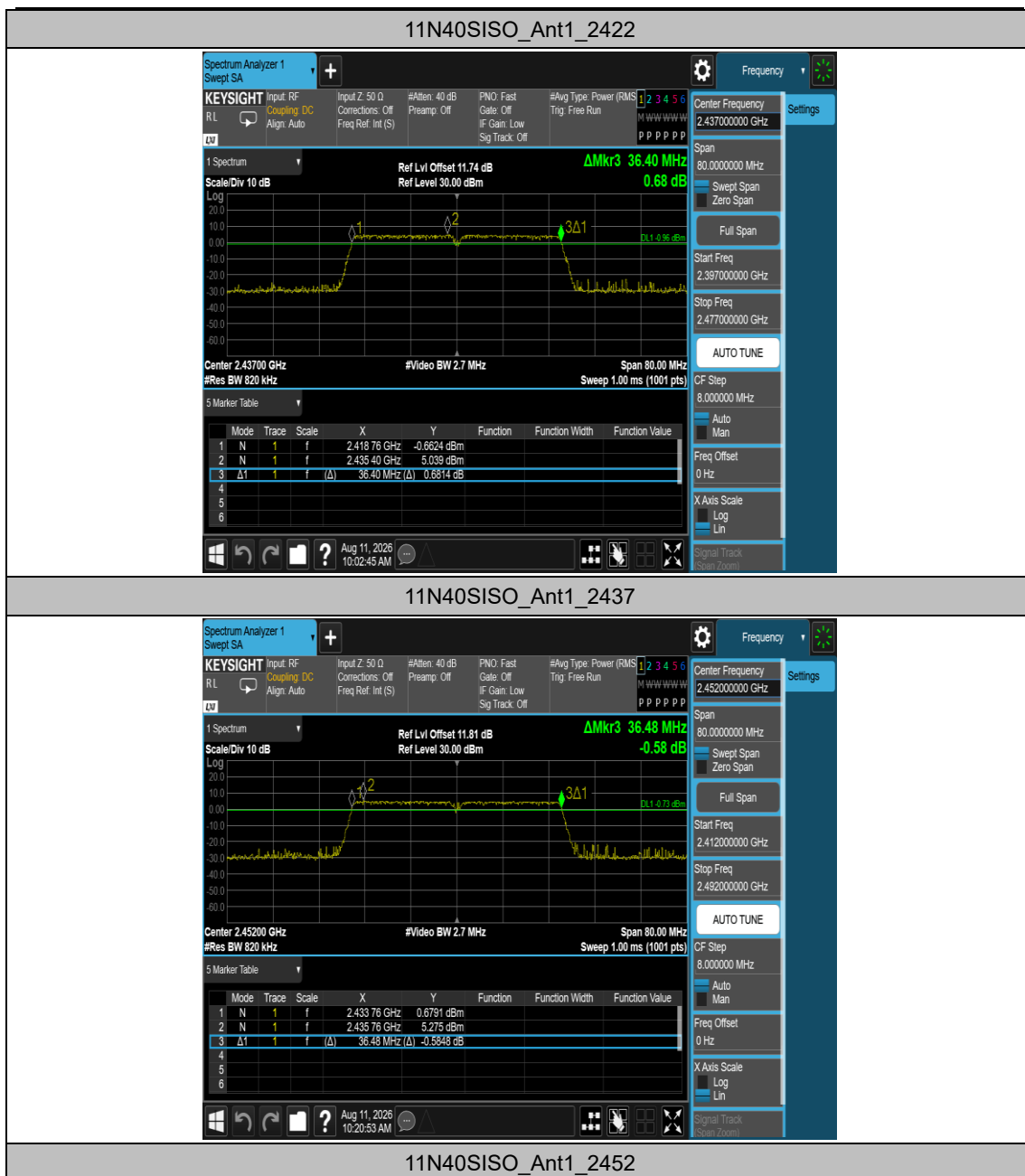
Test Graphs



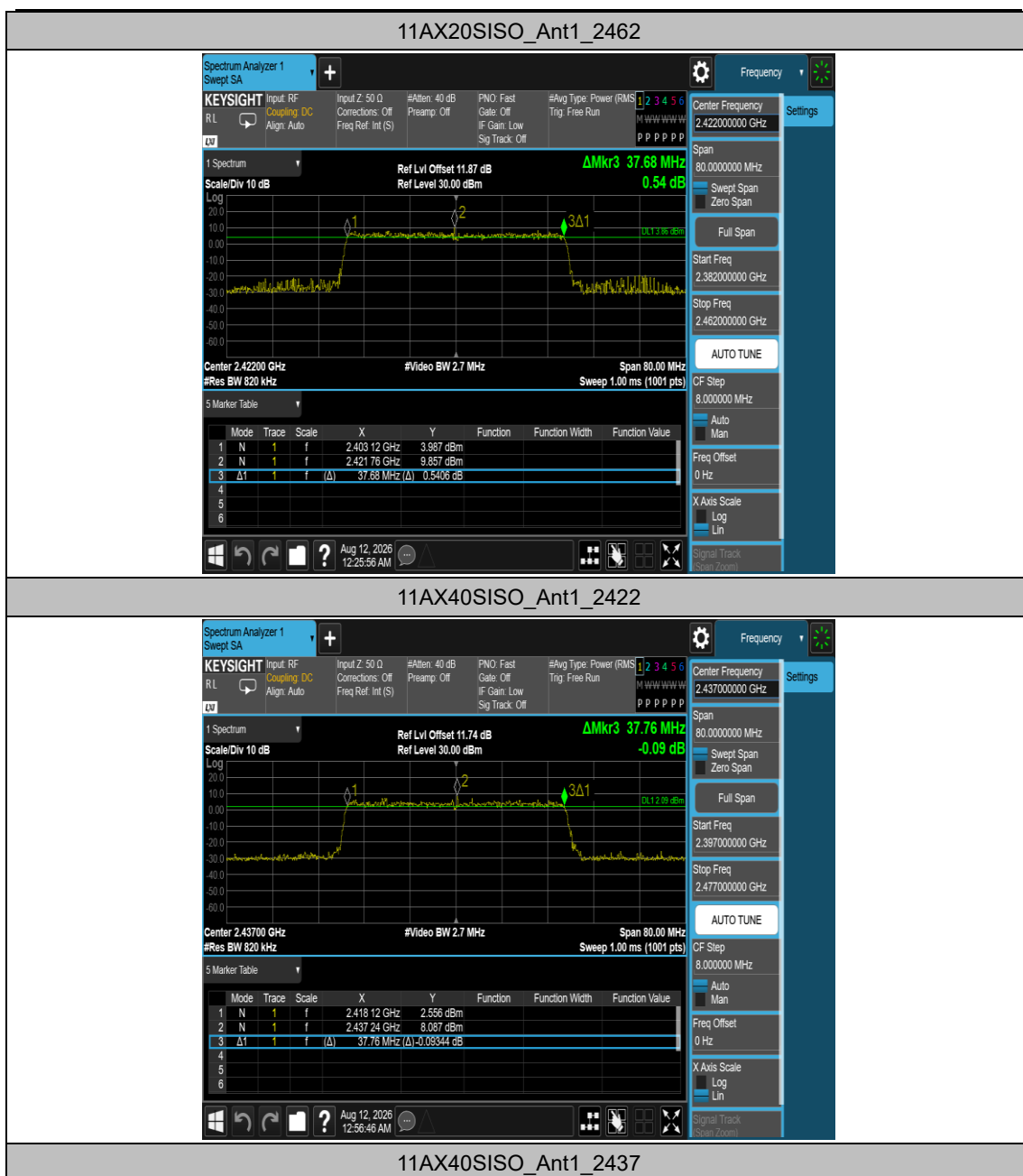


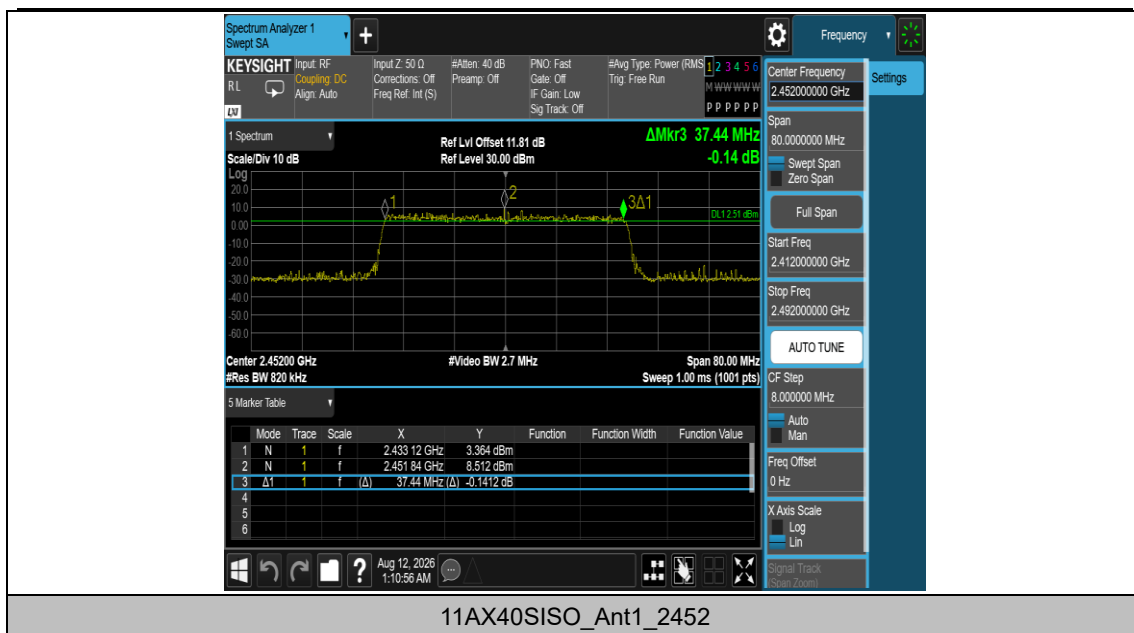












Appendix B: Occupied Channel Bandwidth

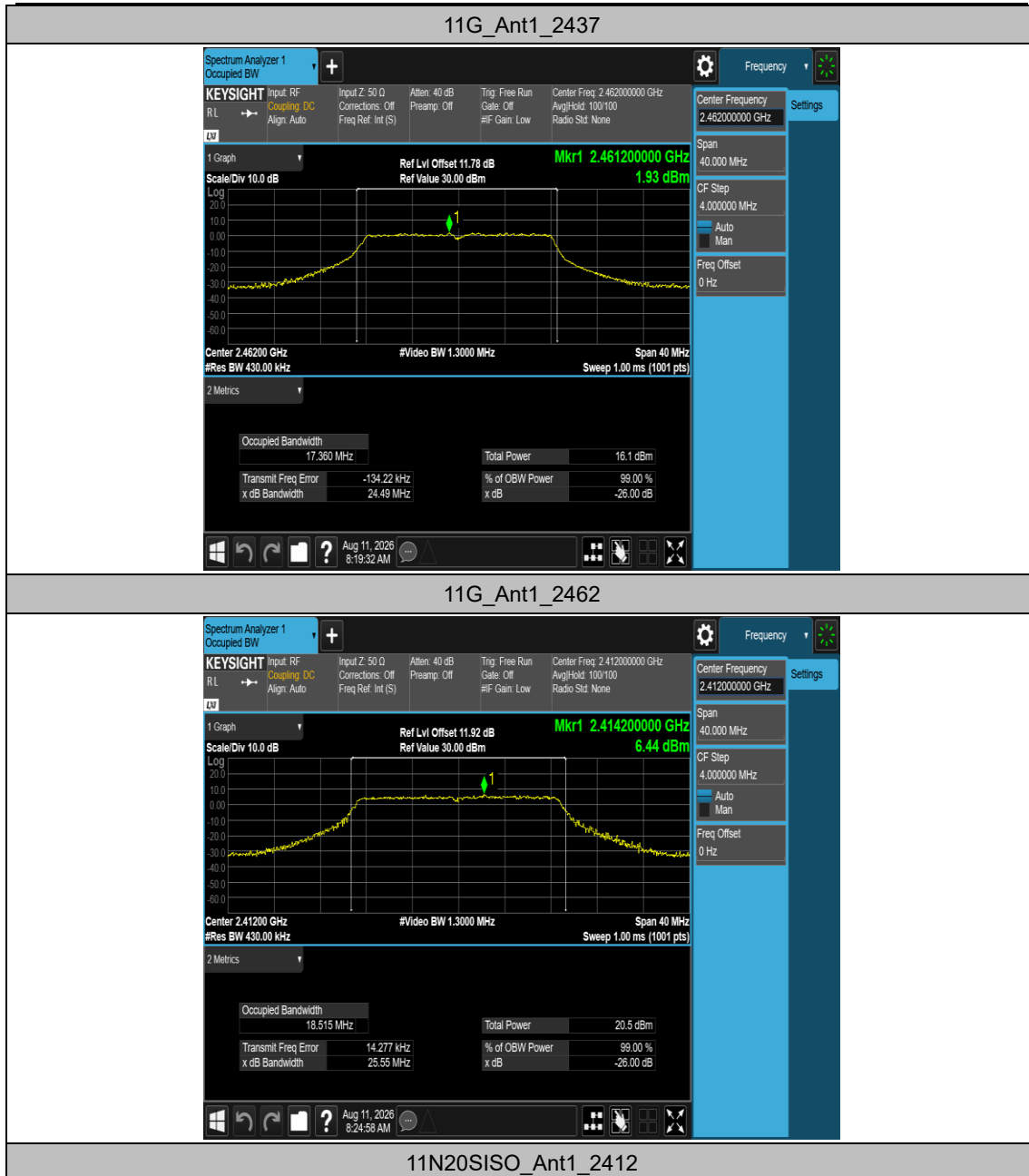
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	14.623	2404.6990	2419.3220	---	---
		2437	14.730	2429.6429	2444.3729	---	---
		2462	14.806	2454.6305	2469.4365	---	---
11G	Ant1	2412	17.301	2403.2097	2420.5107	---	---
		2437	17.315	2428.1928	2445.5078	---	---
		2462	17.360	2453.1858	2470.5458	---	---
11N20SI SO	Ant1	2412	18.515	2402.7568	2421.2718	---	---
		2437	18.533	2427.7410	2446.2740	---	---
		2462	18.544	2452.7436	2471.2876	---	---
11N40SI SO	Ant1	2422	36.307	2403.8610	2440.1680	---	---
		2437	36.286	2418.8561	2455.1421	---	---
		2452	36.293	2433.8687	2470.1617	---	---
11AX20S ISO	Ant1	2412	19.257	2402.3872	2421.6442	---	---
		2437	19.300	2427.3365	2446.6365	---	---
		2462	19.254	2452.3828	2471.6368	---	---
11AX40S ISO	Ant1	2422	38.031	2402.9716	2441.0026	---	---
		2437	38.010	2418.0220	2456.0320	---	---
		2452	37.956	2433.0214	2470.9774	---	---

Test Graphs





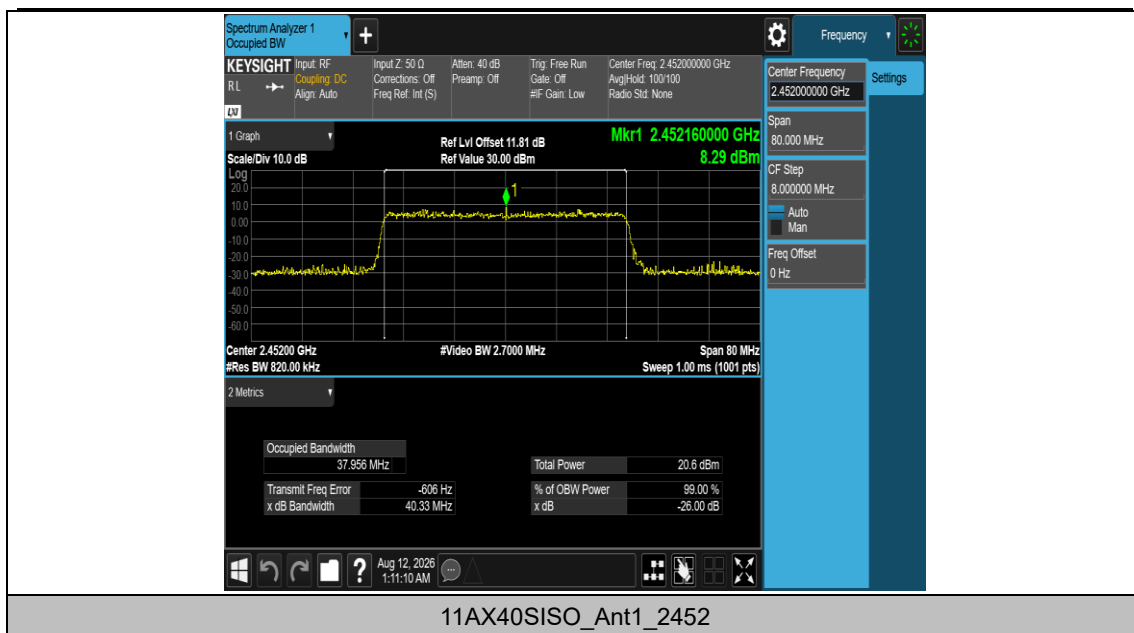












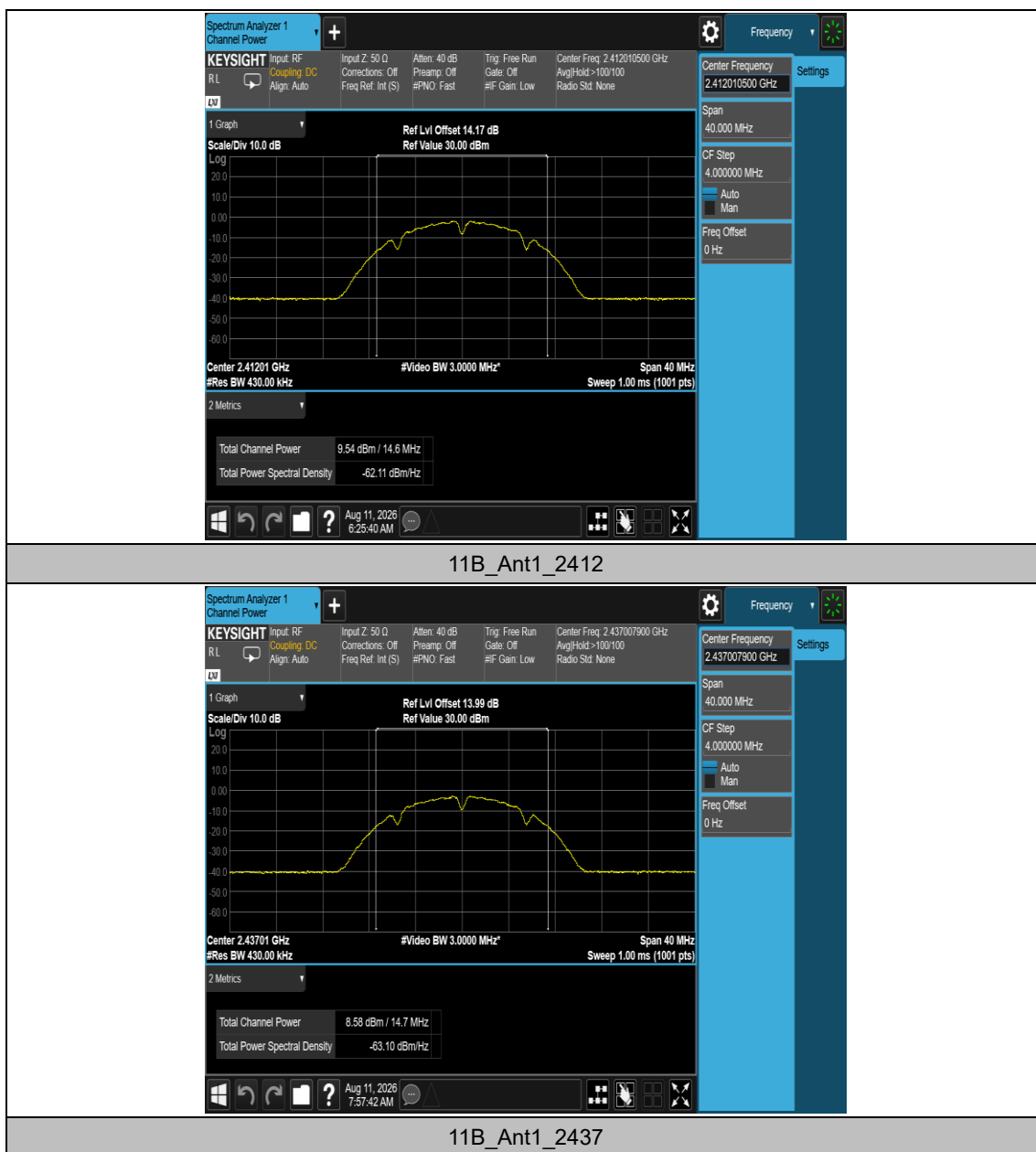
Appendix C: Maximum conducted output power

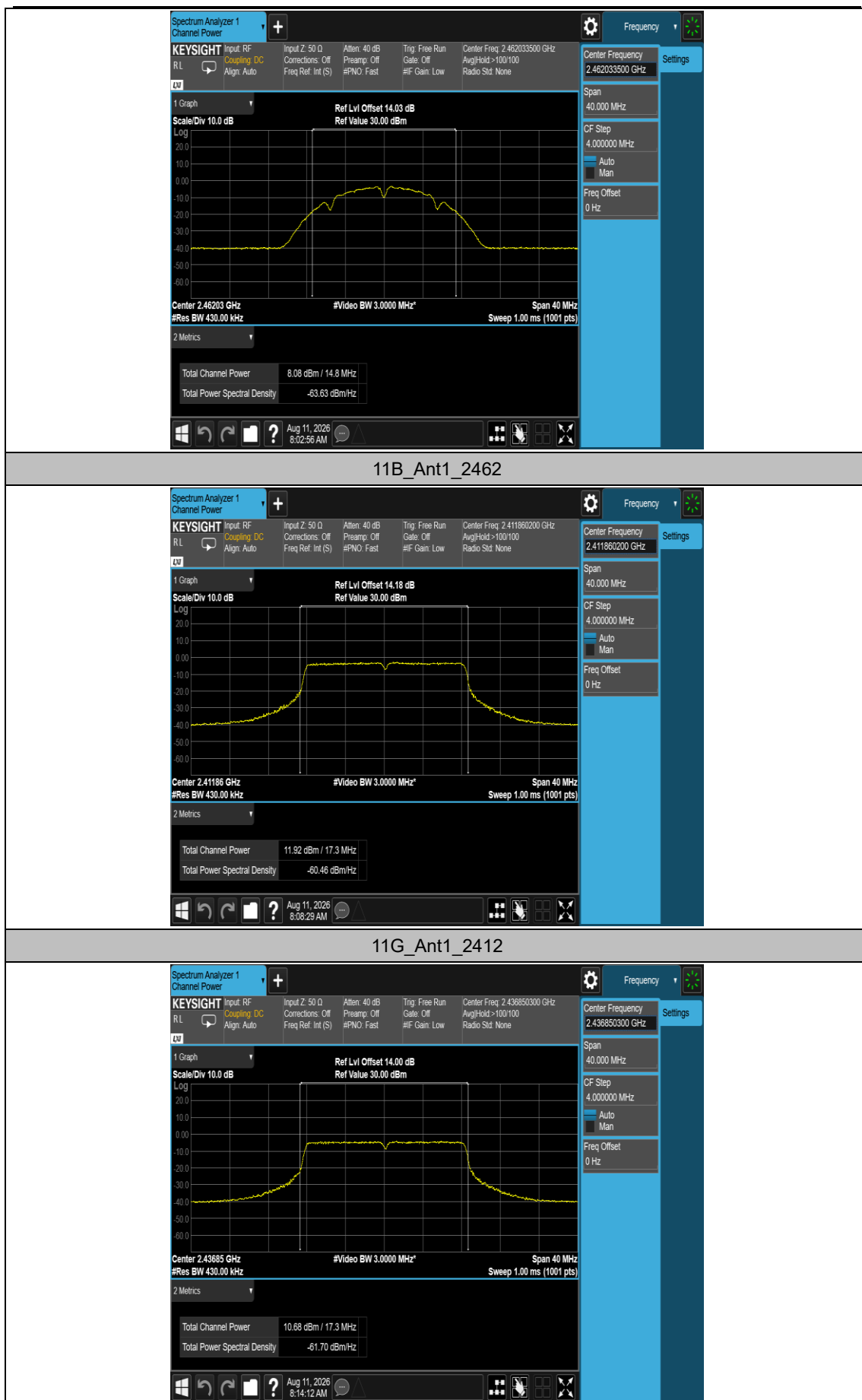
Test Result Average

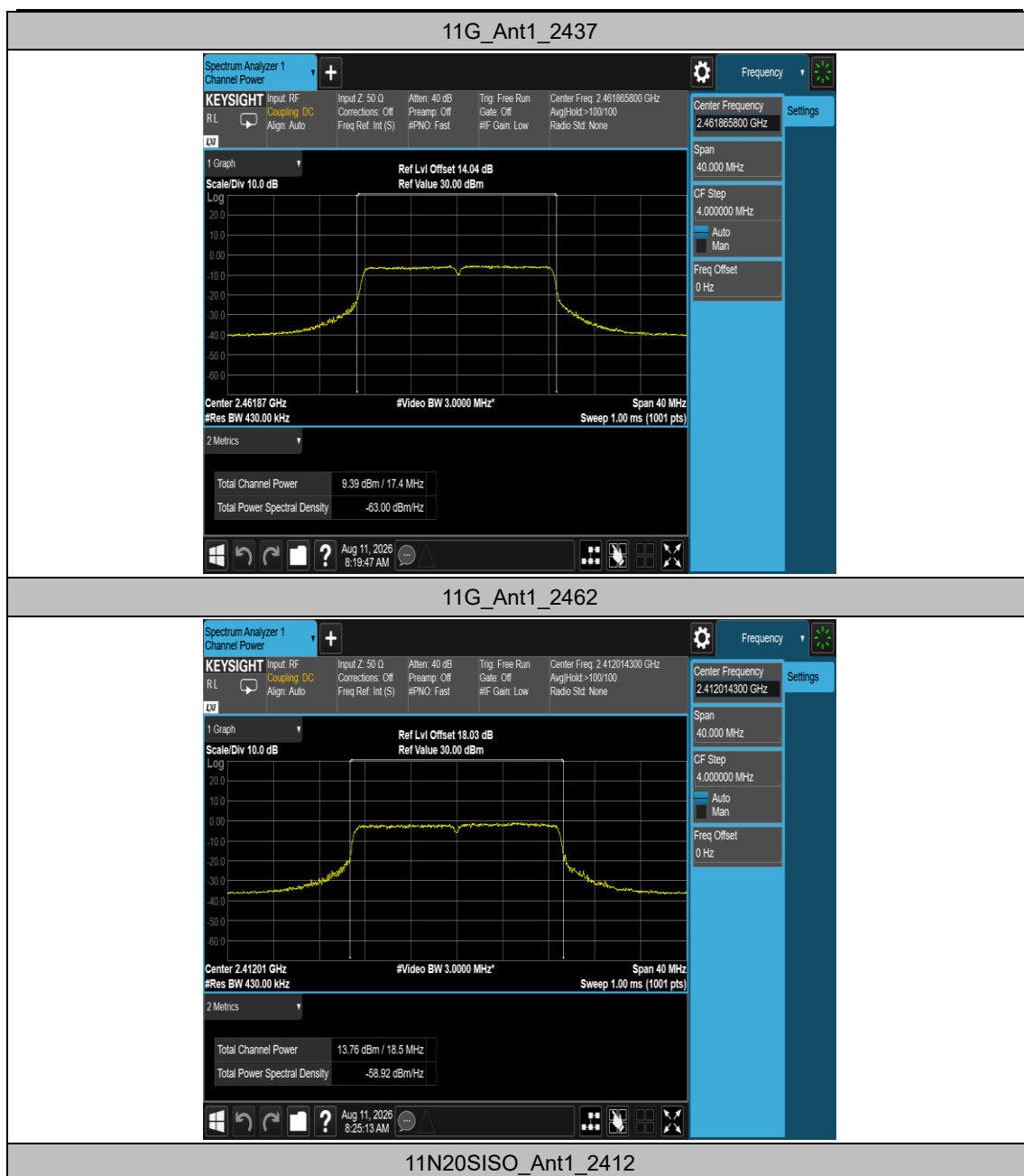
Test Mode	Antenna	Frequency [MHz]	Channel Power	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	7.29	59.56	2.25	9.54	≤30.00	-0.20	9.34	≤36.00	PASS
		2437	6.33	59.56	2.25	8.58	≤30.00	-0.20	8.38	≤36.00	PASS
		2462	5.83	59.62	2.25	8.08	≤30.00	-0.20	7.88	≤36.00	PASS
11G	Ant1	2412	9.66	59.39	2.26	11.92	≤30.00	-0.20	11.72	≤36.00	PASS
		2437	8.42	59.39	2.26	10.68	≤30.00	-0.20	10.48	≤36.00	PASS
		2462	7.13	59.39	2.26	9.39	≤30.00	-0.20	9.19	≤36.00	PASS
11N20SI SO	Ant1	2412	7.65	24.47	6.11	13.76	≤30.00	-0.20	13.56	≤36.00	PASS
		2437	7.28	24.81	6.05	13.33	≤30.00	-0.20	13.13	≤36.00	PASS
		2462	5.95	24.66	6.08	12.03	≤30.00	-0.20	11.83	≤36.00	PASS
11N40SI SO	Ant1	2422	2.17	6.79	11.68	13.85	≤30.00	-0.20	13.65	≤36.00	PASS
		2437	1.52	7.01	11.54	13.06	≤30.00	-0.20	12.86	≤36.00	PASS
		2452	1.89	6.91	11.61	13.5	≤30.00	-0.20	13.3	≤36.00	PASS
11AX20S ISO	Ant1	2412	5.97	13.21	8.79	14.76	≤30.00	-0.20	14.56	≤36.00	PASS
		2437	4.13	13.34	8.75	12.88	≤30.00	-0.20	12.68	≤36.00	PASS
		2462	2.94	13.23	8.78	11.72	≤30.00	-0.20	11.52	≤36.00	PASS
11AX40S ISO	Ant1	2422	-0.46	4.00	13.98	13.52	≤30.00	-0.20	13.32	≤36.00	PASS
		2437	-0.97	4.00	13.98	13.01	≤30.00	-0.20	12.81	≤36.00	PASS
		2452	0.33	3.99	13.99	14.32	≤30.00	-0.20	14.12	≤36.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Average





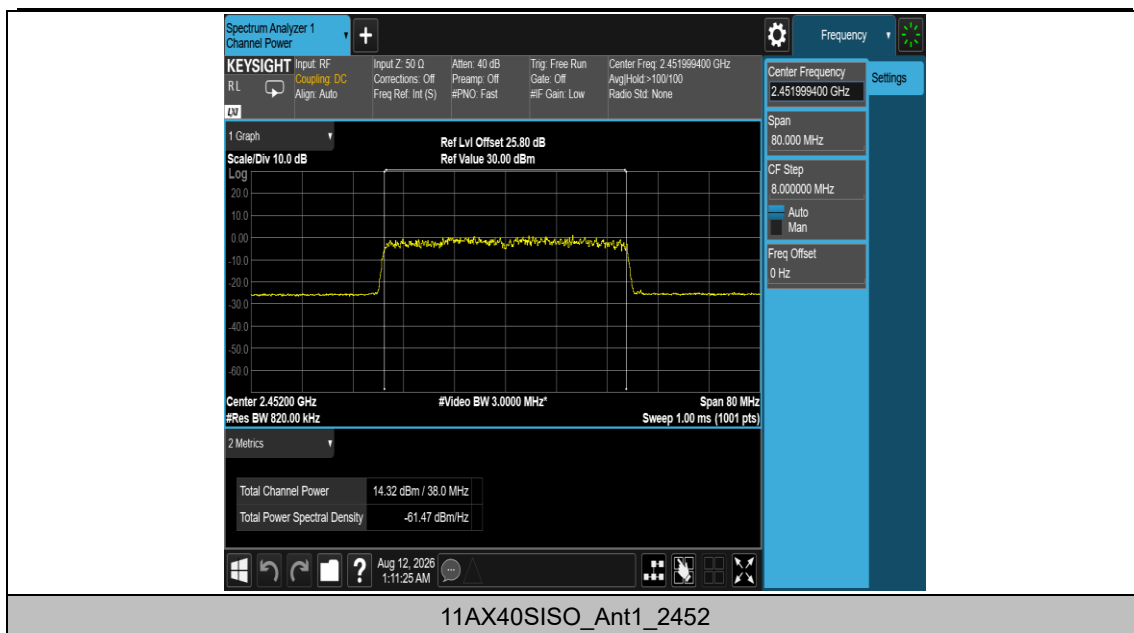












Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-22.69	≤8.00	PASS
		2437	-19.08	≤8.00	PASS
		2462	-20.37	≤8.00	PASS
11G	Ant1	2412	-19.83	≤8.00	PASS
		2437	-20.56	≤8.00	PASS
		2462	-22.05	≤8.00	PASS
11N20SISO	Ant1	2412	-15.30	≤8.00	PASS
		2437	-16.30	≤8.00	PASS
		2462	-18.02	≤8.00	PASS
11N40SISO	Ant1	2422	-15.25	≤8.00	PASS
		2437	-17.69	≤8.00	PASS
		2452	-17.09	≤8.00	PASS
11AX20SISO O	Ant1	2412	-14.49	≤8.00	PASS
		2437	-15.88	≤8.00	PASS
		2462	-18.28	≤8.00	PASS
11AX40SISO O	Ant1	2422	-16.20	≤8.00	PASS
		2437	-15.64	≤8.00	PASS
		2452	-16.99	≤8.00	PASS