

Appendix for WiFi 2.4GHz

Product Name: Stairmill

Model No: LT04TB, LT04EB, LT02EB, LT02TB

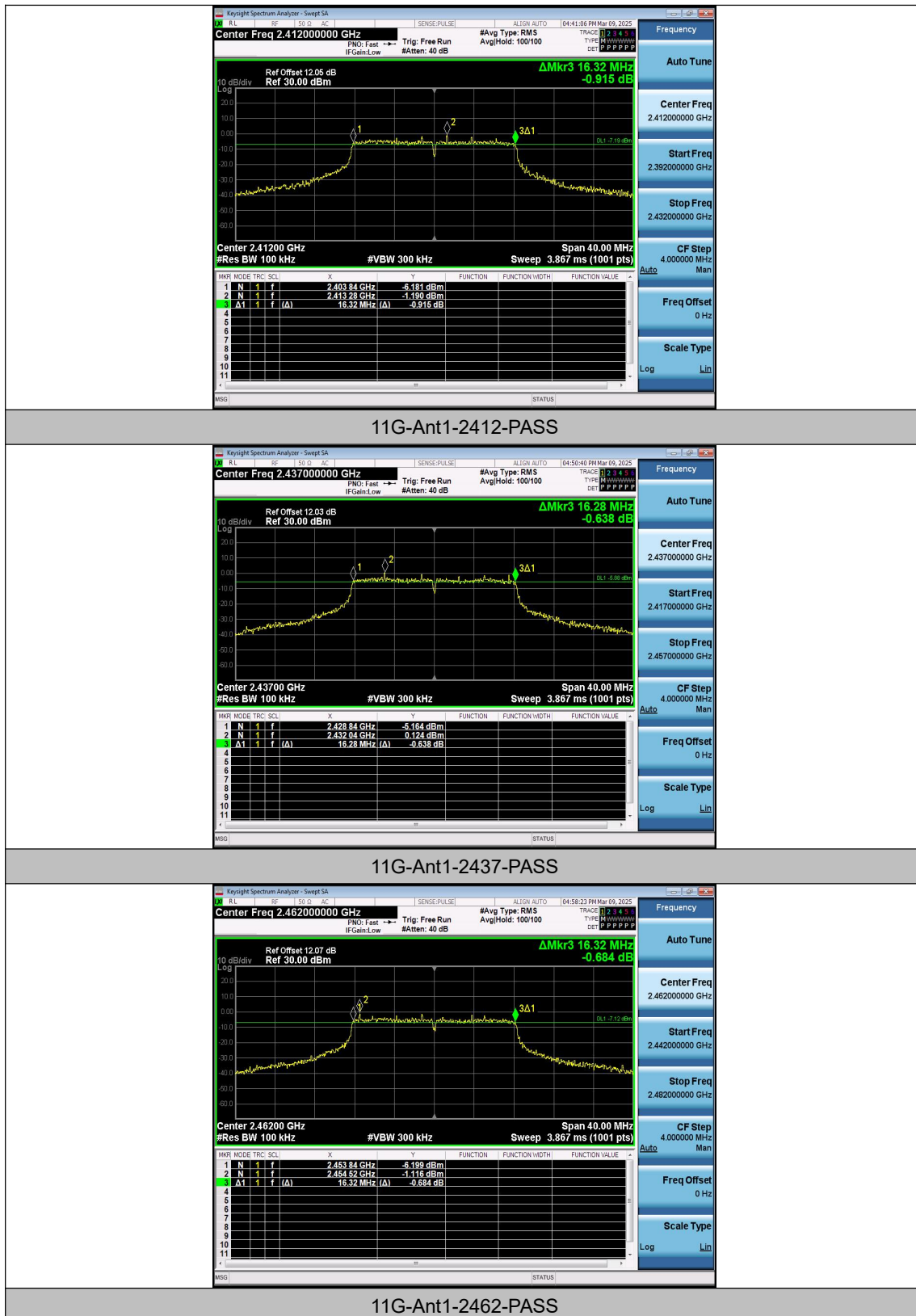
Appendix A: DTS Bandwidth

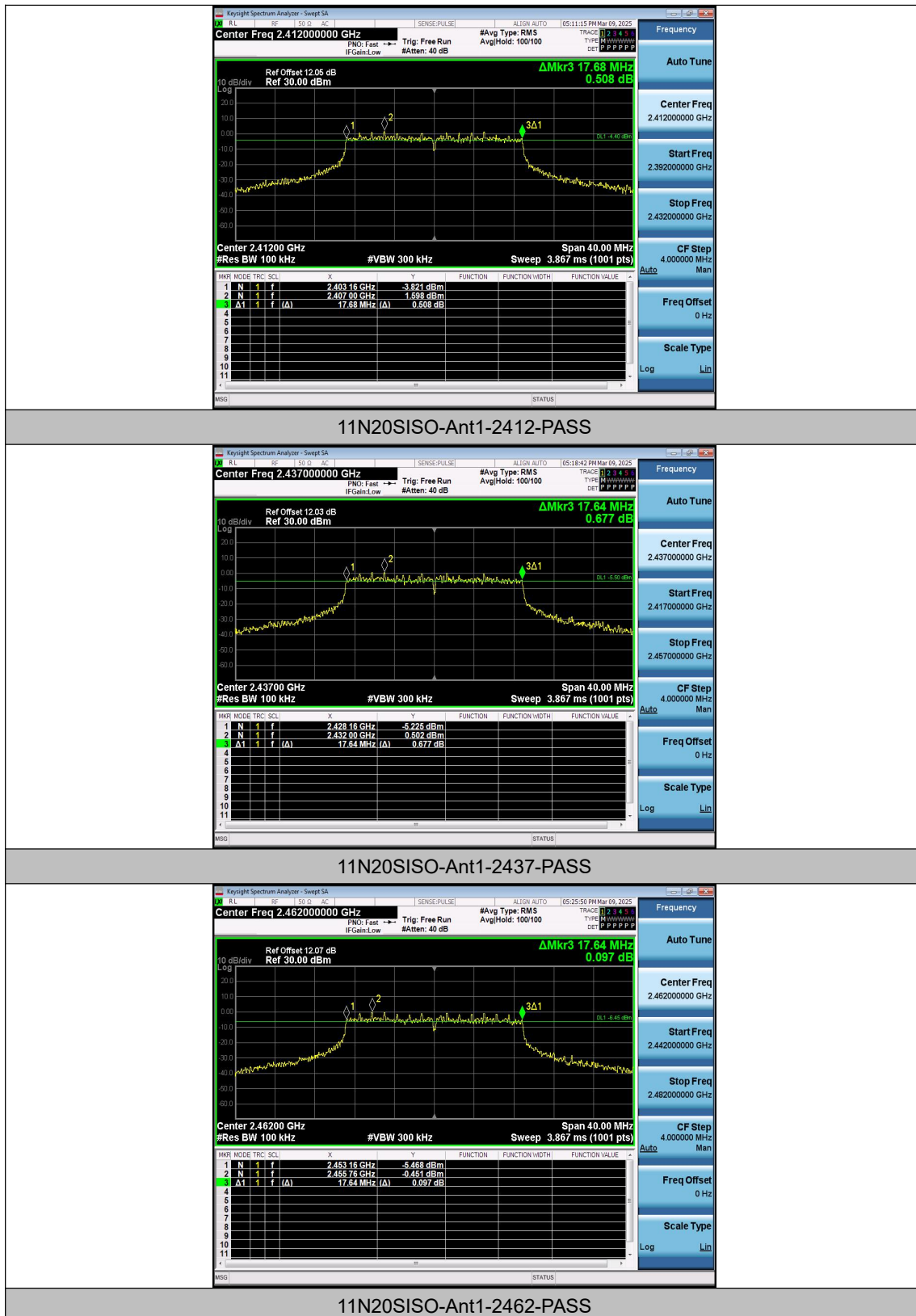
Test Result

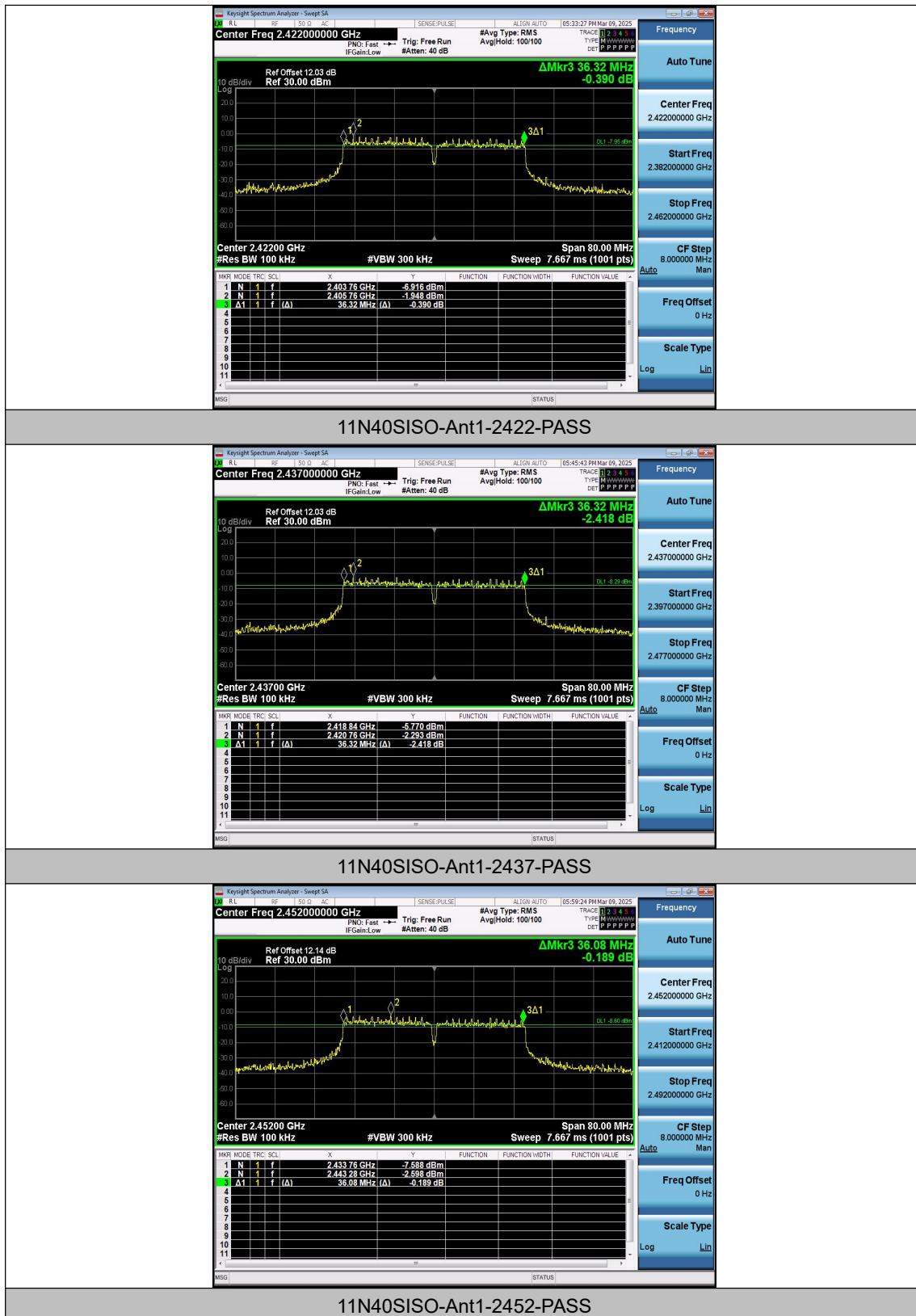
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.480	2415.560	0.5	PASS
11B	Ant1	2437	8.080	2432.960	2441.040	0.5	PASS
11B	Ant1	2462	8.040	2457.960	2466.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	16.280	2428.840	2445.120	0.5	PASS
11G	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.160	2420.840	0.5	PASS
11N20SISO	Ant1	2437	17.640	2428.160	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.320	2403.760	2440.080	0.5	PASS
11N40SISO	Ant1	2437	36.320	2418.840	2455.160	0.5	PASS
11N40SISO	Ant1	2452	36.080	2433.760	2469.840	0.5	PASS
11AX20SISO	Ant1	2412	18.600	2402.600	2421.200	0.5	PASS
11AX20SISO	Ant1	2437	19.000	2427.480	2446.480	0.5	PASS
11AX20SISO	Ant1	2462	18.960	2452.480	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	37.840	2403.040	2440.880	0.5	PASS
11AX40SISO	Ant1	2437	37.840	2418.040	2455.880	0.5	PASS
11AX40SISO	Ant1	2452	37.840	2433.040	2470.880	0.5	PASS

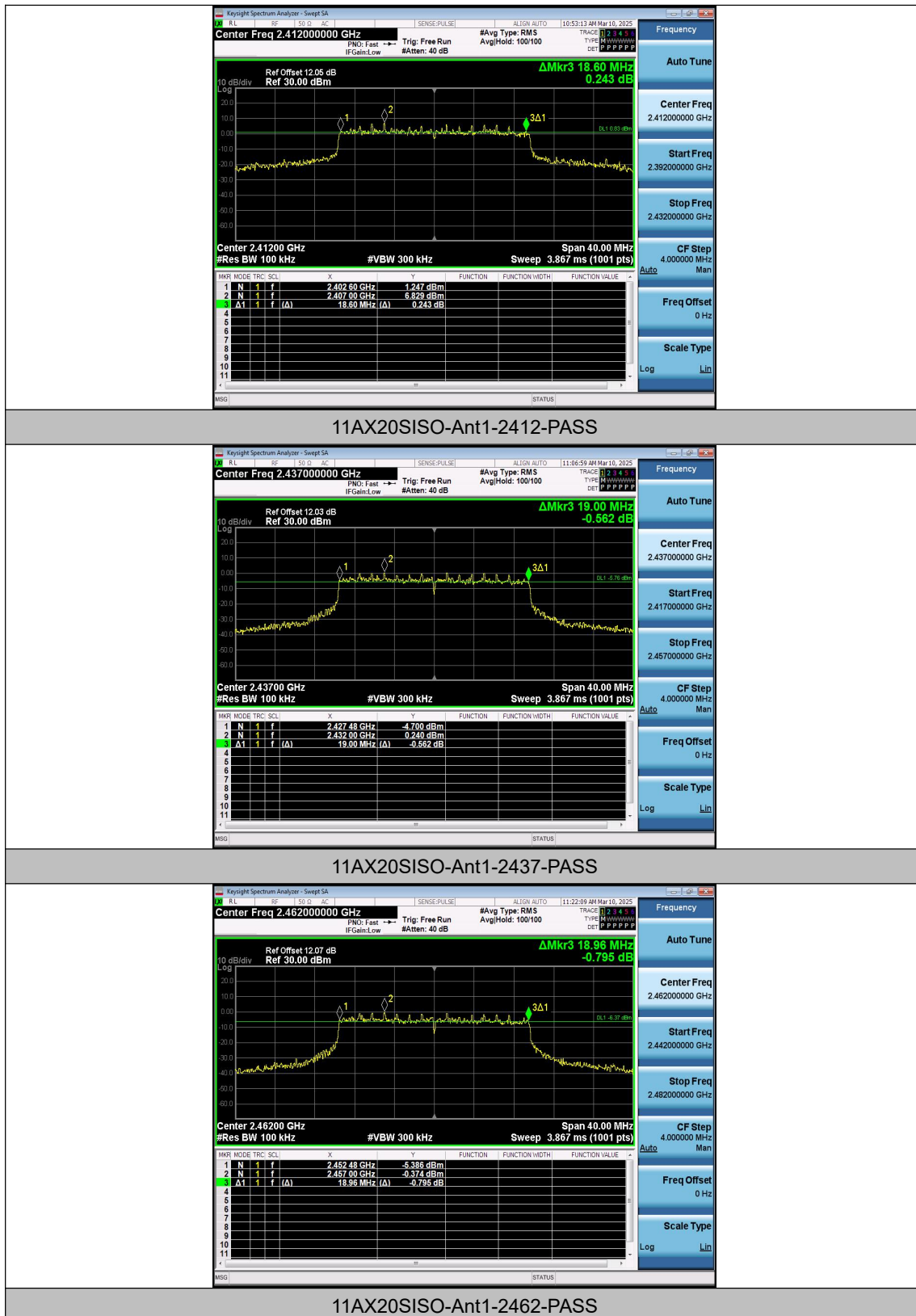
Test Graphs

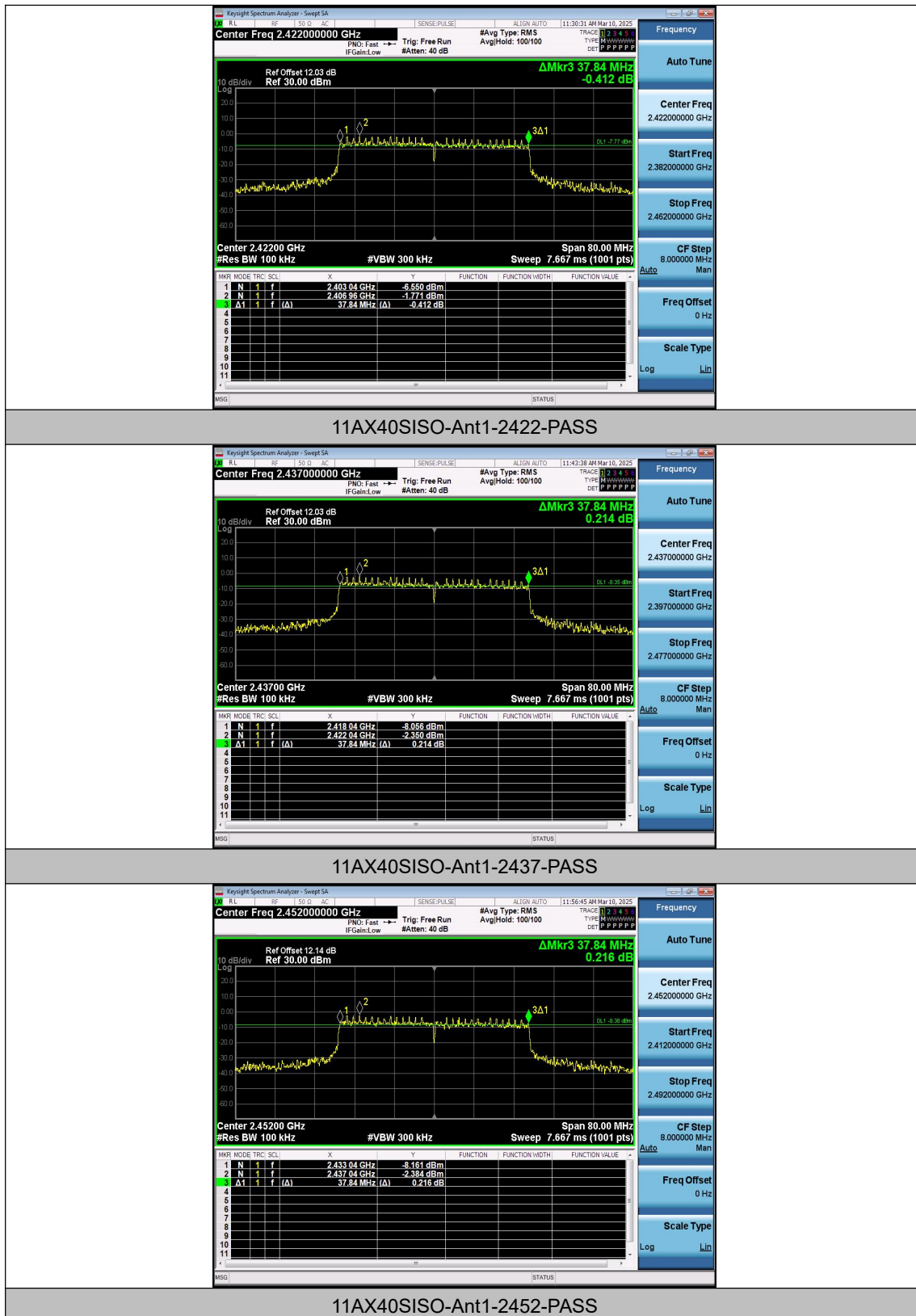












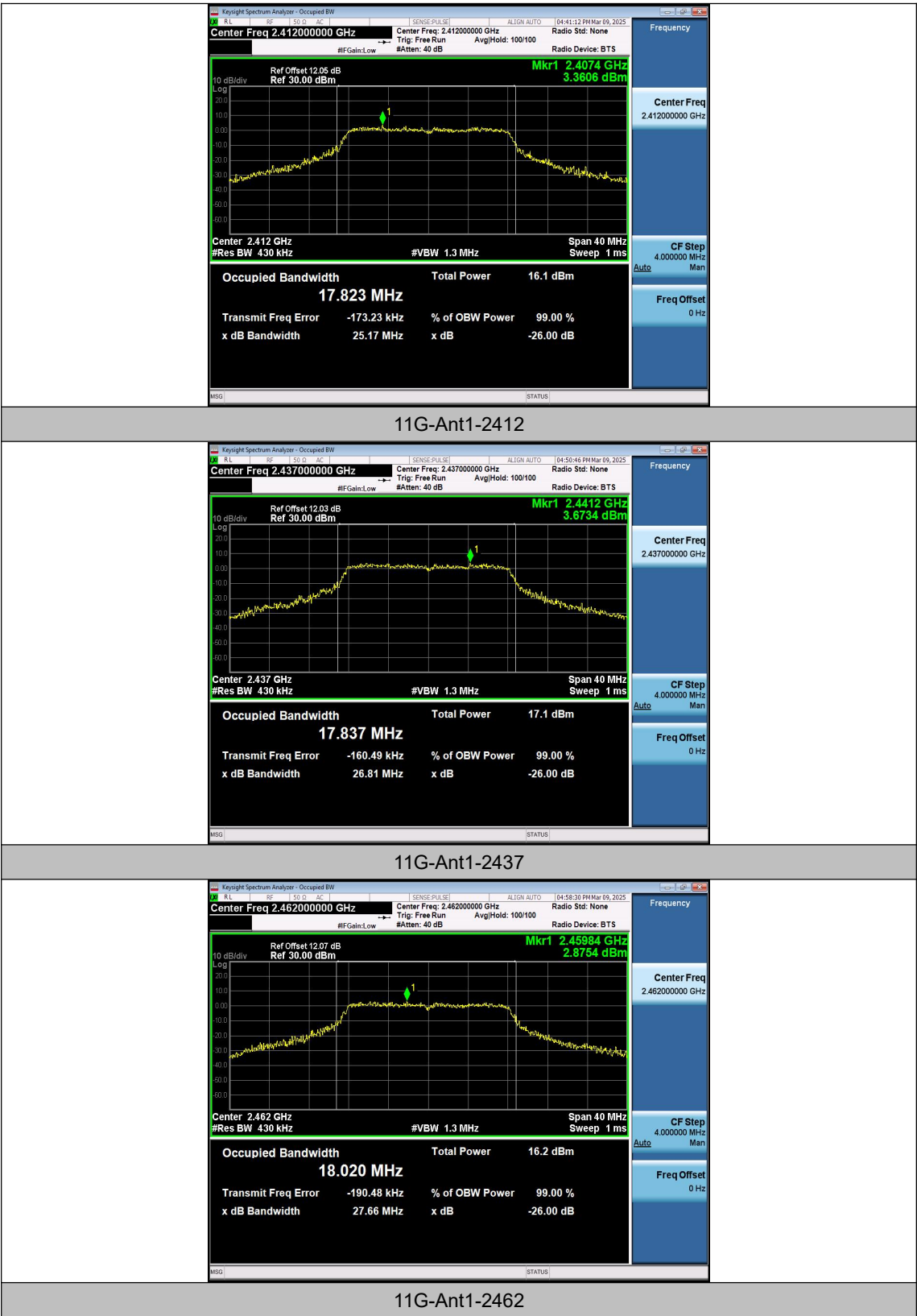
Appendix B: Occupied Channel Bandwidth

Test Result

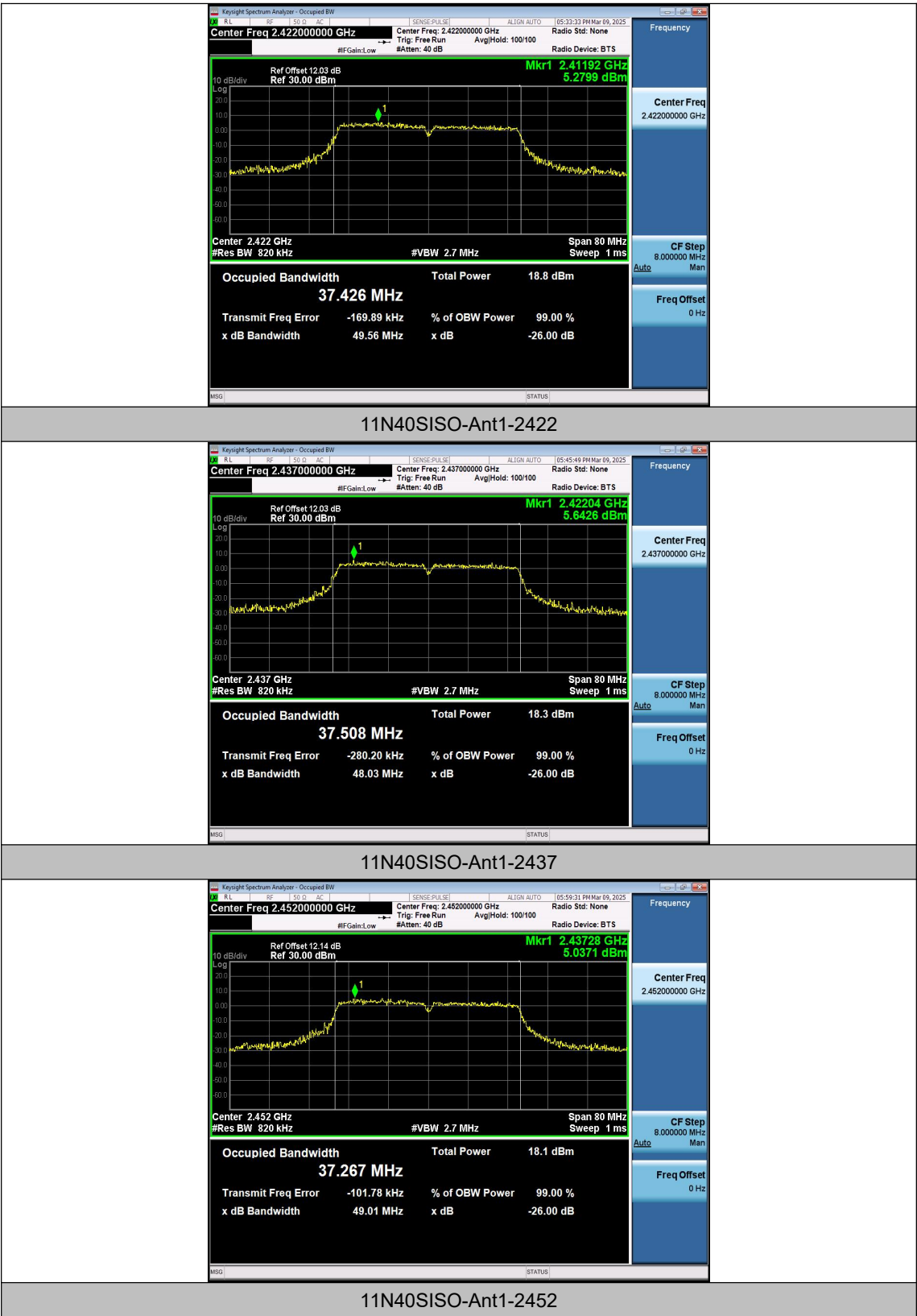
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.827	2405.5712	2418.3982	---	---
11B	Ant1	2437	13.045	2430.4635	2443.5085	---	---
11B	Ant1	2462	13.020	2455.4613	2468.4813	---	---
11G	Ant1	2412	17.823	2402.9153	2420.7383	---	---
11G	Ant1	2437	17.837	2427.9210	2445.7580	---	---
11G	Ant1	2462	18.020	2452.7995	2470.8195	---	---
11N20SISO	Ant1	2412	18.616	2402.6590	2421.2750	---	---
11N20SISO	Ant1	2437	18.516	2427.7078	2446.2238	---	---
11N20SISO	Ant1	2462	18.613	2452.6219	2471.2349	---	---
11N40SISO	Ant1	2422	37.426	2403.1171	2440.5431	---	---
11N40SISO	Ant1	2437	37.508	2417.9658	2455.4738	---	---
11N40SISO	Ant1	2452	37.267	2433.2647	2470.5317	---	---
11AX20SISO	Ant1	2412	20.982	2401.4383	2422.4203	---	---
11AX20SISO	Ant1	2437	19.338	2427.3685	2446.7065	---	---
11AX20SISO	Ant1	2462	19.358	2452.3458	2471.7038	---	---
11AX40SISO	Ant1	2422	38.468	2402.7633	2441.2313	---	---
11AX40SISO	Ant1	2437	38.572	2417.7261	2456.2981	---	---
11AX40SISO	Ant1	2452	38.540	2432.7549	2471.2949	---	---

Test Graphs













Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Set Power	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	17.83	≤30.00	PASS
11B	Ant1	2437	NA	17.91	≤30.00	PASS
11B	Ant1	2462	NA	17.07	≤30.00	PASS
11G	Ant1	2412	NA	19.20	≤30.00	PASS
11G	Ant1	2437	NA	18.06	≤30.00	PASS
11G	Ant1	2462	NA	17.19	≤30.00	PASS
11N20SISO	Ant1	2412	NA	19.58	≤30.00	PASS
11N20SISO	Ant1	2437	NA	18.18	≤30.00	PASS
11N20SISO	Ant1	2462	NA	17.39	≤30.00	PASS
11N40SISO	Ant1	2422	NA	18.84	≤30.00	PASS
11N40SISO	Ant1	2437	NA	18.40	≤30.00	PASS
11N40SISO	Ant1	2452	NA	17.98	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	19.74	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	18.55	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	17.69	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	18.92	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	18.25	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	18.10	≤30.00	PASS