

Appendix: 2.4G Wi-Fi

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Appendix A: DTS Bandwidth

Test Result

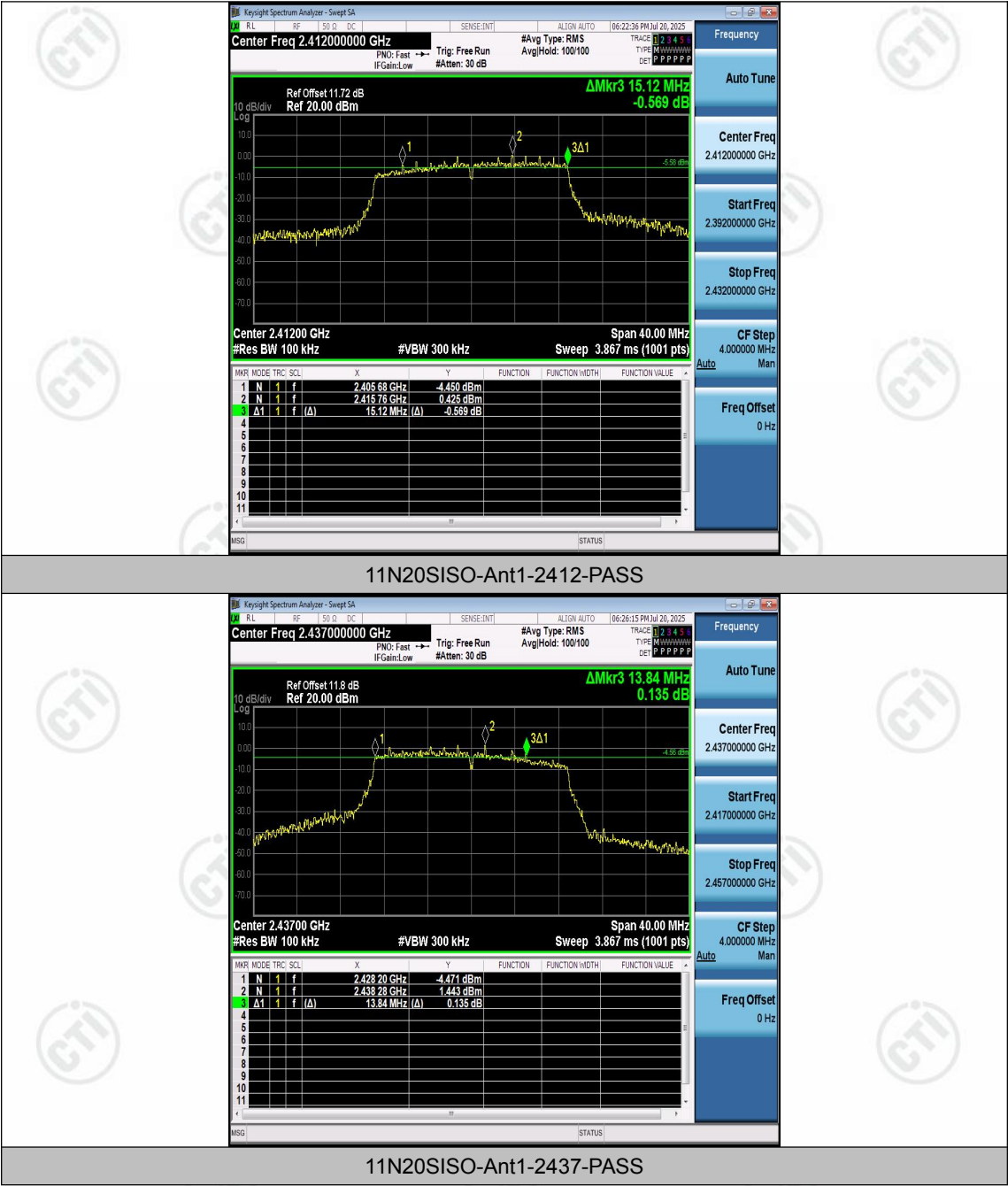
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2408.440	2416.480	0.5	PASS
11B	Ant1	2437	8.520	2432.000	2440.520	0.5	PASS
11B	Ant1	2462	8.040	2458.960	2467.000	0.5	PASS
11G	Ant1	2412	15.720	2404.480	2420.200	0.5	PASS
11G	Ant1	2437	15.640	2428.840	2444.480	0.5	PASS
11G	Ant1	2462	14.480	2455.720	2470.200	0.5	PASS
11N20SISO	Ant1	2412	15.120	2405.680	2420.800	0.5	PASS
11N20SISO	Ant1	2437	13.840	2428.200	2442.040	0.5	PASS
11N20SISO	Ant1	2462	16.360	2454.480	2470.840	0.5	PASS
11N40SISO	Ant1	2422	22.480	2414.480	2436.960	0.5	PASS
11N40SISO	Ant1	2437	27.600	2420.680	2448.280	0.5	PASS
11N40SISO	Ant1	2452	35.760	2434.400	2470.160	0.5	PASS

Test Graphs













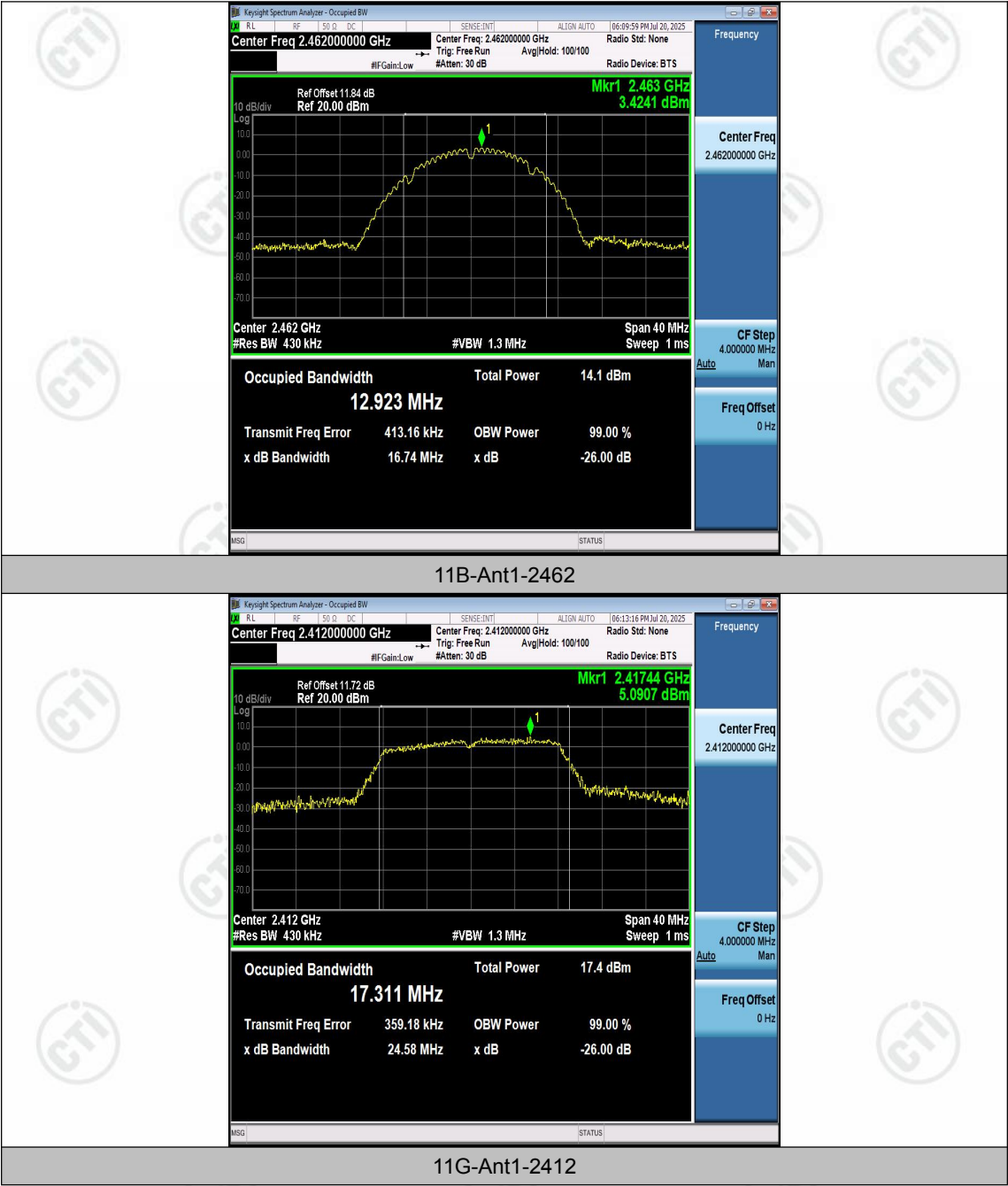
Appendix B: Occupied Channel Bandwidth

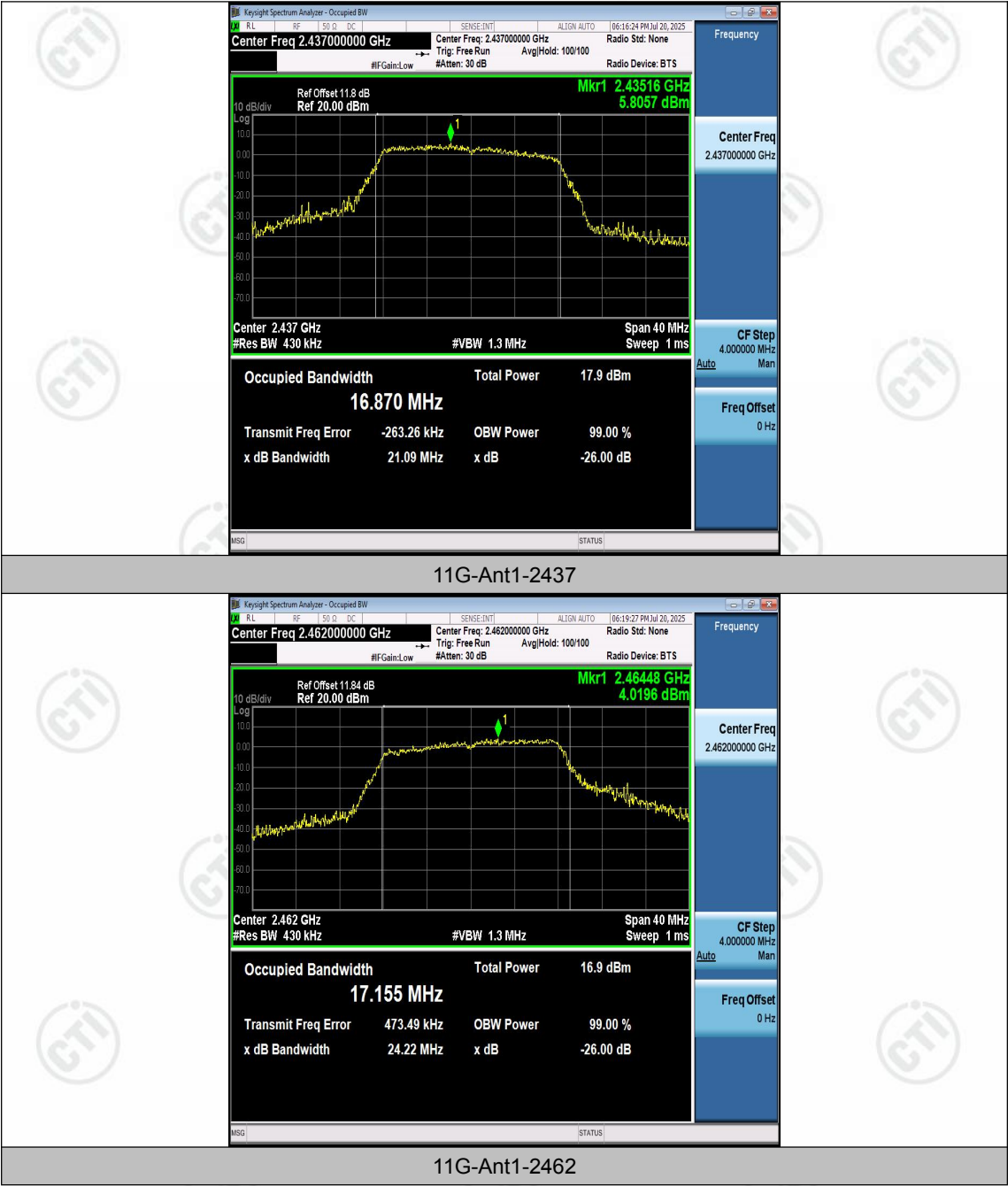
Test Result

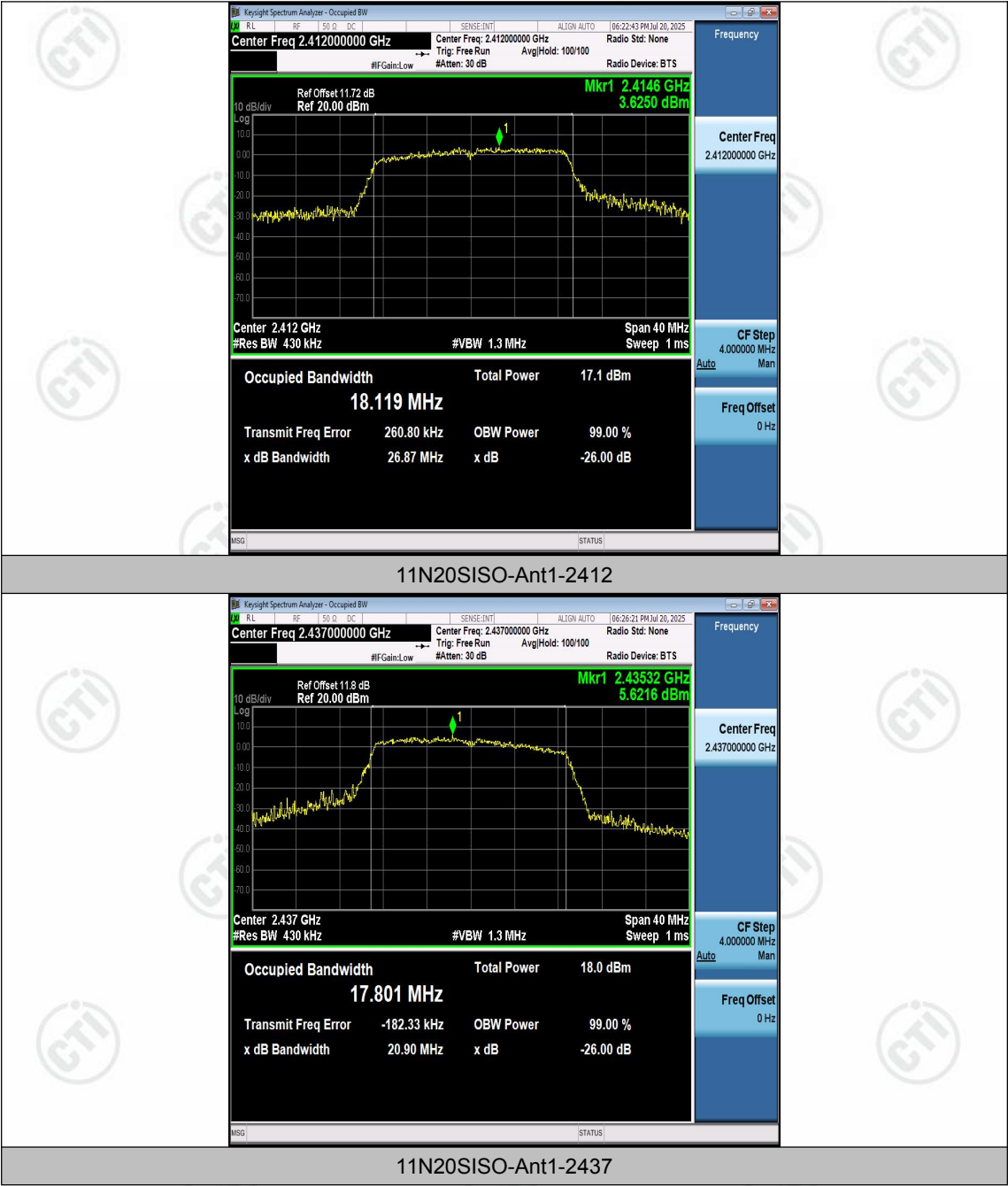
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	12.904	2405.8746	2418.7786	---	---
11B	Ant1	2437	12.788	2430.2912	2443.0792	---	---
11B	Ant1	2462	12.923	2455.9517	2468.8747	---	---
11G	Ant1	2412	17.311	2403.7037	2421.0147	---	---
11G	Ant1	2437	16.870	2428.3017	2445.1717	---	---
11G	Ant1	2462	17.155	2453.8960	2471.0510	---	---
11N20SISO	Ant1	2412	18.119	2403.2013	2421.3203	---	---
11N20SISO	Ant1	2437	17.801	2427.9172	2445.7182	---	---
11N20SISO	Ant1	2462	18.051	2453.3325	2471.3835	---	---
11N40SISO	Ant1	2422	35.376	2404.6368	2440.0128	---	---
11N40SISO	Ant1	2437	35.821	2419.0119	2454.8329	---	---
11N40SISO	Ant1	2452	37.203	2433.6454	2470.8484	---	---

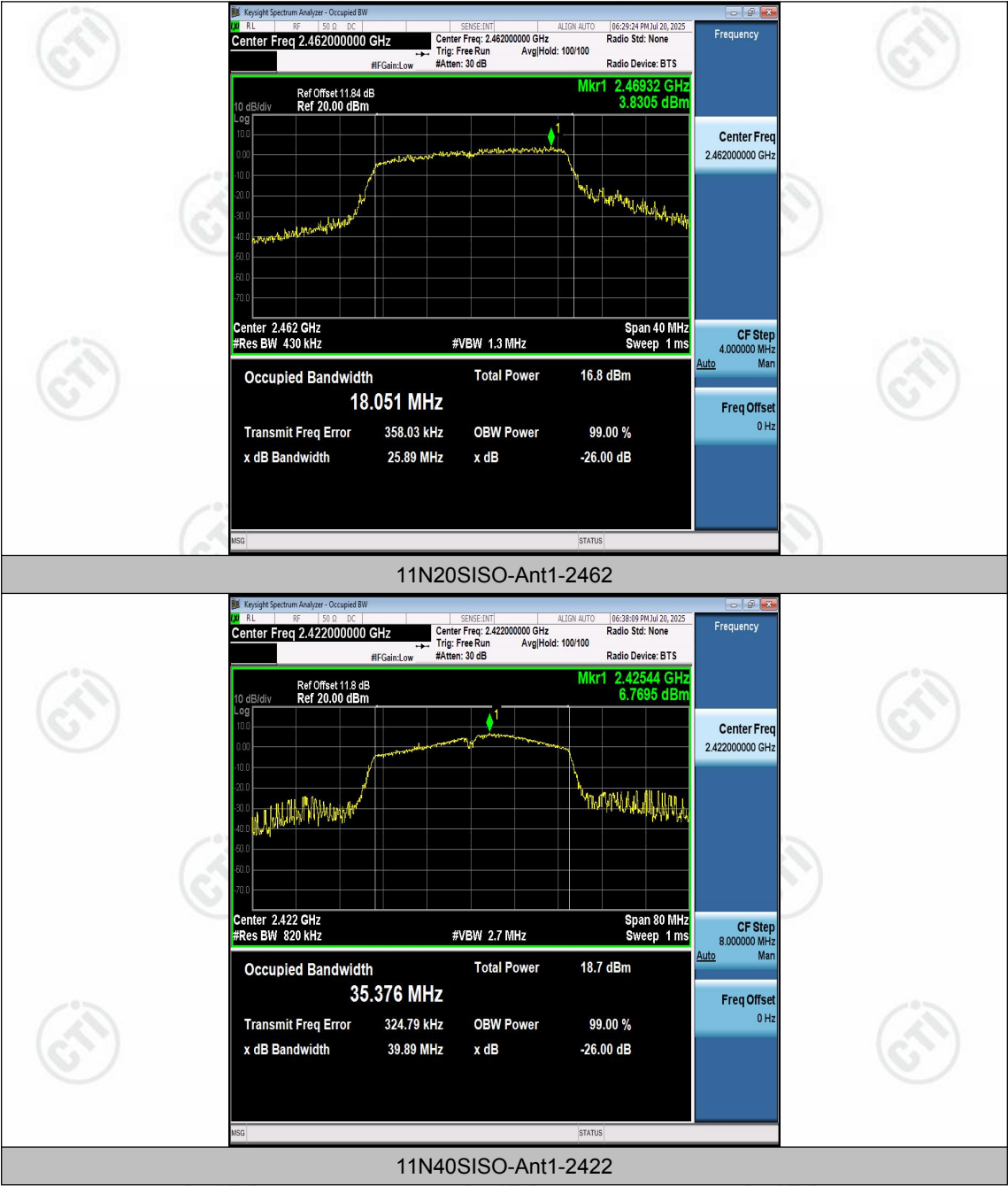
Test Graphs

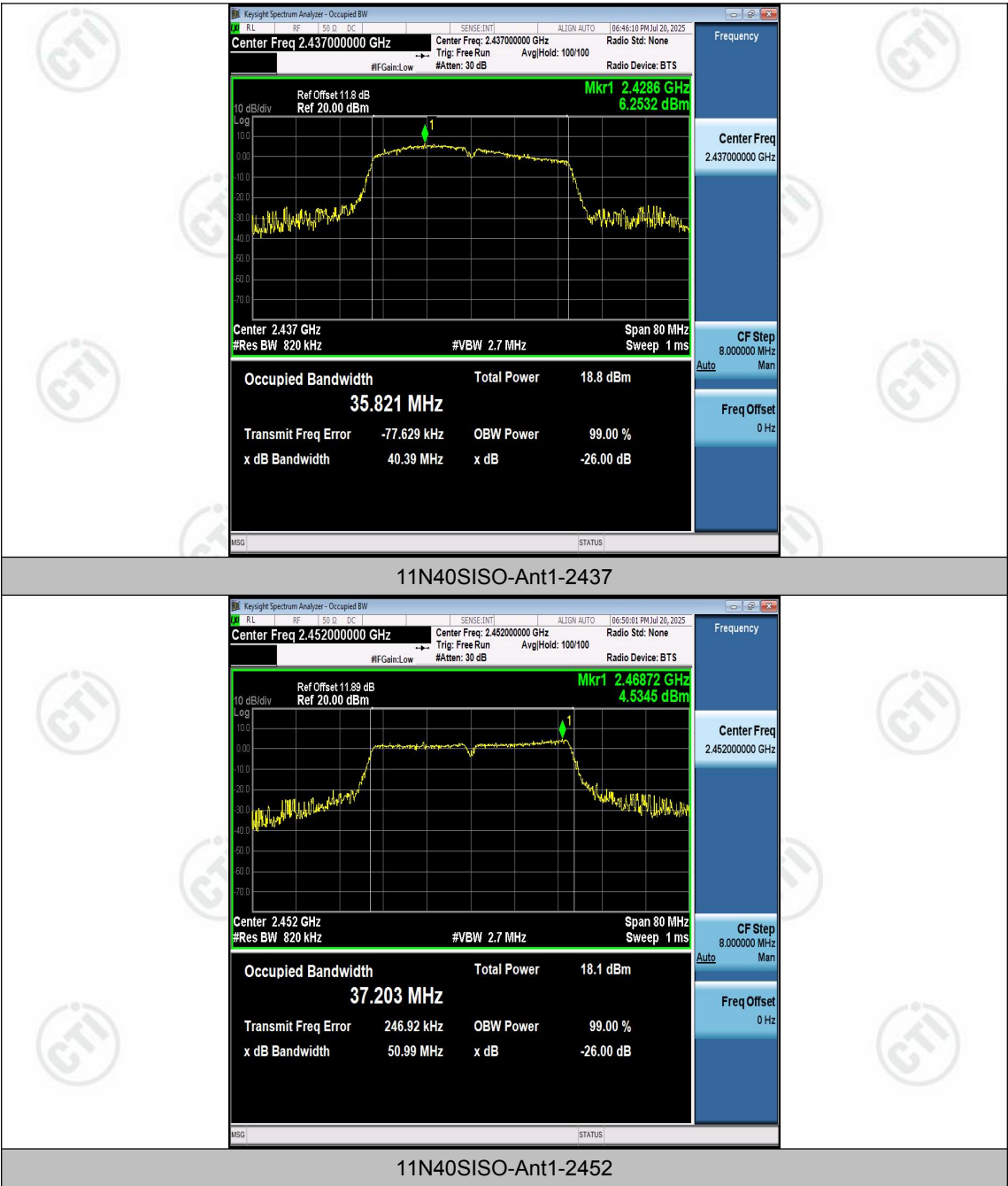












Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	11.41	≤30.00	13.82	≤36.00	PASS
11B	Ant1	2437	12.45	≤30.00	14.86	≤36.00	PASS
11B	Ant1	2462	11.22	≤30.00	13.63	≤36.00	PASS
11G	Ant1	2412	11.70	≤30.00	14.11	≤36.00	PASS
11G	Ant1	2437	12.47	≤30.00	14.88	≤36.00	PASS
11G	Ant1	2462	11.07	≤30.00	13.48	≤36.00	PASS
11N20SISO	Ant1	2412	11.37	≤30.00	13.78	≤36.00	PASS
11N20SISO	Ant1	2437	12.31	≤30.00	14.72	≤36.00	PASS
11N20SISO	Ant1	2462	11.04	≤30.00	13.45	≤36.00	PASS
11N40SISO	Ant1	2422	12.04	≤30.00	14.45	≤36.00	PASS
11N40SISO	Ant1	2437	12.18	≤30.00	14.59	≤36.00	PASS
11N40SISO	Ant1	2452	11.51	≤30.00	13.92	≤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	-17.44	≤8.00	PASS
11B	Ant1	2437	-15.63	≤8.00	PASS
11B	Ant1	2462	-17.77	≤8.00	PASS
11G	Ant1	2412	-19.70	≤8.00	PASS
11G	Ant1	2437	-18.76	≤8.00	PASS
11G	Ant1	2462	-18.40	≤8.00	PASS
11N20SISO	Ant1	2412	-19.83	≤8.00	PASS
11N20SISO	Ant1	2437	-19.41	≤8.00	PASS
11N20SISO	Ant1	2462	-18.12	≤8.00	PASS
11N40SISO	Ant1	2422	-19.88	≤8.00	PASS
11N40SISO	Ant1	2437	-20.56	≤8.00	PASS
11N40SISO	Ant1	2452	-21.61	≤8.00	PASS

Test Graphs

