

Appendix: 2.4G Wi-Fi

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Appendix A: DTS Bandwidth

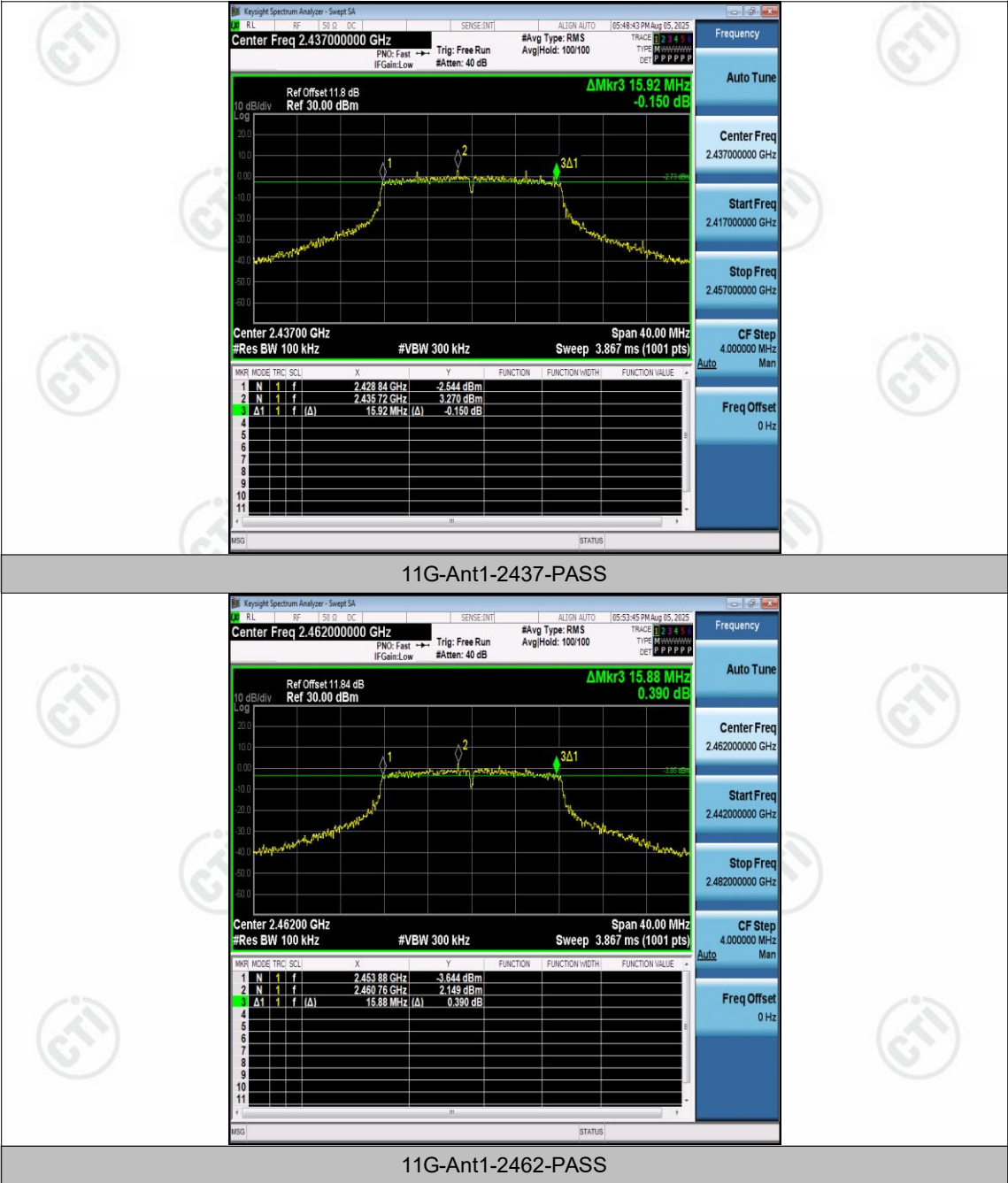
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.000	2407.520	2416.520	0.5	PASS
11B	Ant1	2437	9.000	2432.520	2441.520	0.5	PASS
11B	Ant1	2462	9.000	2457.480	2466.480	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
11G	Ant1	2437	15.920	2428.840	2444.760	0.5	PASS
11G	Ant1	2462	15.880	2453.880	2469.760	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.200	2445.760	0.5	PASS
11N20SISO	Ant1	2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.080	2439.440	0.5	PASS
11N40SISO	Ant1	2437	31.040	2419.720	2450.760	0.5	PASS
11N40SISO	Ant1	2452	33.600	2434.240	2467.840	0.5	PASS

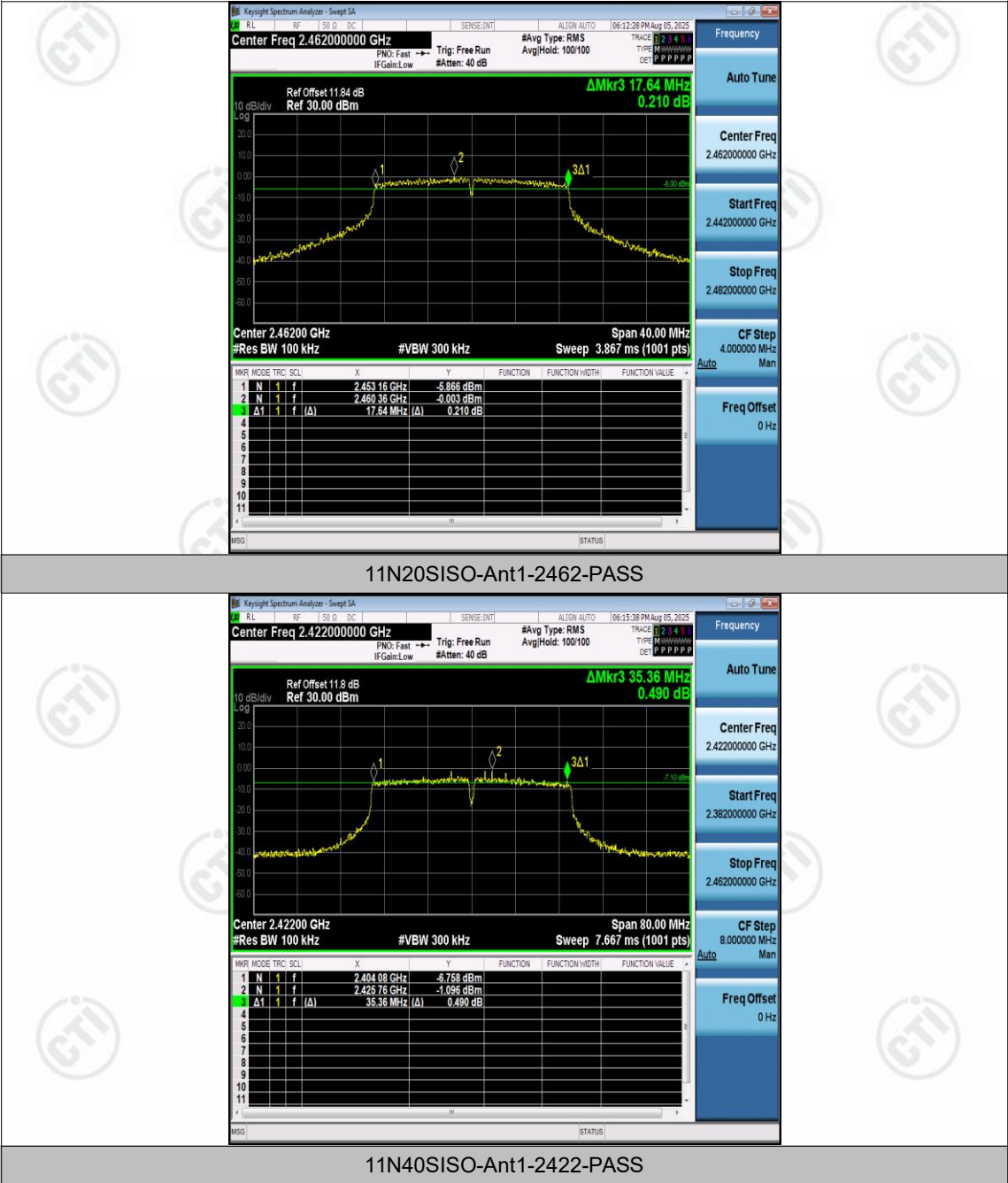
Test Graphs

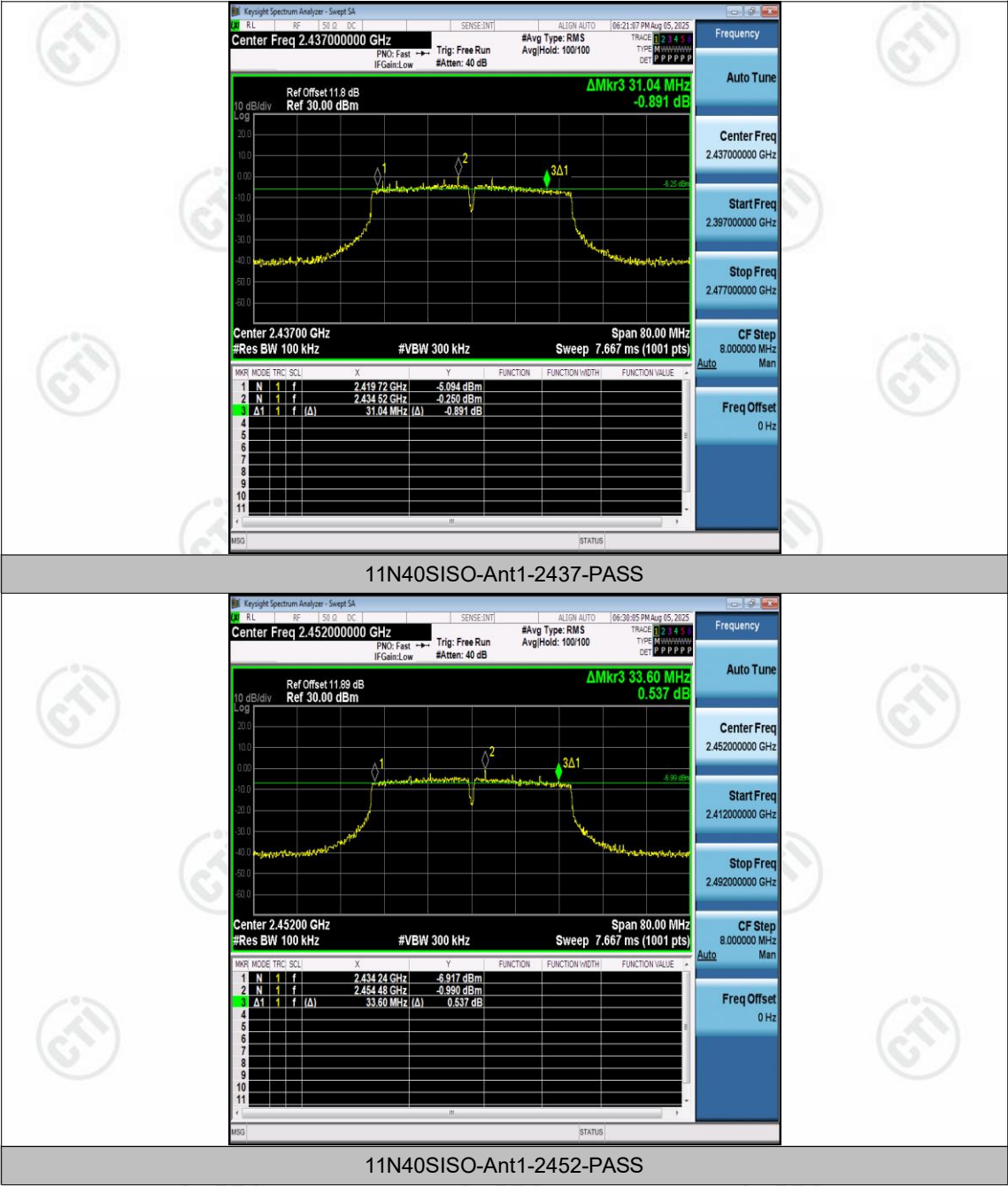












Appendix B: Occupied Channel Bandwidth

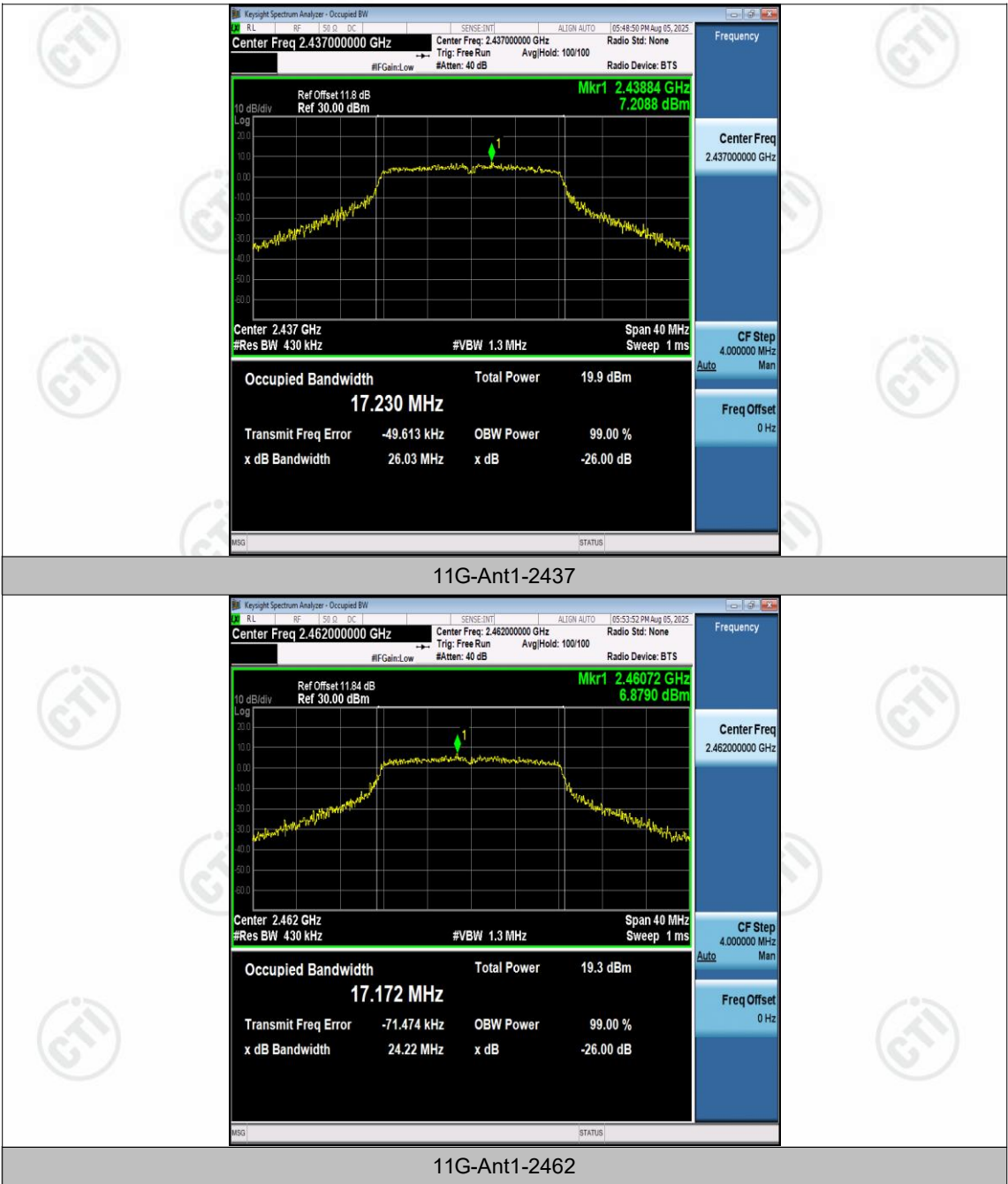
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.198	2405.4286	2418.6266	---	---
11B	Ant1	2437	13.218	2430.3950	2443.6130	---	---
11B	Ant1	2462	13.249	2455.3914	2468.6404	---	---
11G	Ant1	2412	17.270	2403.3298	2420.5998	---	---
11G	Ant1	2437	17.230	2428.3354	2445.5654	---	---
11G	Ant1	2462	17.172	2453.3425	2470.5145	---	---
11N20SISO	Ant1	2412	18.503	2402.6858	2421.1888	---	---
11N20SISO	Ant1	2437	18.435	2427.7247	2446.1597	---	---
11N20SISO	Ant1	2462	18.448	2452.7492	2471.1972	---	---
11N40SISO	Ant1	2422	36.653	2403.6378	2440.2908	---	---
11N40SISO	Ant1	2437	36.732	2418.5422	2455.2742	---	---
11N40SISO	Ant1	2452	36.652	2433.6470	2470.2990	---	---

Test Graphs













Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	---	14.51	≤30.00	PASS
11B	Ant1	2437	---	15.01	≤30.00	PASS
11B	Ant1	2462	---	14.24	≤30.00	PASS
11G	Ant1	2412	---	13.69	≤30.00	PASS
11G	Ant1	2437	---	13.22	≤30.00	PASS
11G	Ant1	2462	---	13.36	≤30.00	PASS
11N20SISO	Ant1	2412	---	13.12	≤30.00	PASS
11N20SISO	Ant1	2437	---	13.19	≤30.00	PASS
11N20SISO	Ant1	2462	---	13.55	≤30.00	PASS
11N40SISO	Ant1	2422	---	13.58	≤30.00	PASS
11N40SISO	Ant1	2437	---	13.22	≤30.00	PASS
11N40SISO	Ant1	2452	---	13.01	≤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	-14.54	≤8.00	PASS
11B	Ant1	2437	-13.35	≤8.00	PASS
11B	Ant1	2462	-14.10	≤8.00	PASS
11G	Ant1	2412	-17.45	≤8.00	PASS
11G	Ant1	2437	-17.55	≤8.00	PASS
11G	Ant1	2462	-16.55	≤8.00	PASS
11N20SISO	Ant1	2412	-18.66	≤8.00	PASS
11N20SISO	Ant1	2437	-18.45	≤8.00	PASS
11N20SISO	Ant1	2462	-18.24	≤8.00	PASS
11N40SISO	Ant1	2422	-20.59	≤8.00	PASS
11N40SISO	Ant1	2437	-21.00	≤8.00	PASS
11N40SISO	Ant1	2452	-20.68	≤8.00	PASS

Test Graphs

