

Appendix: 2.4G Wi-Fi

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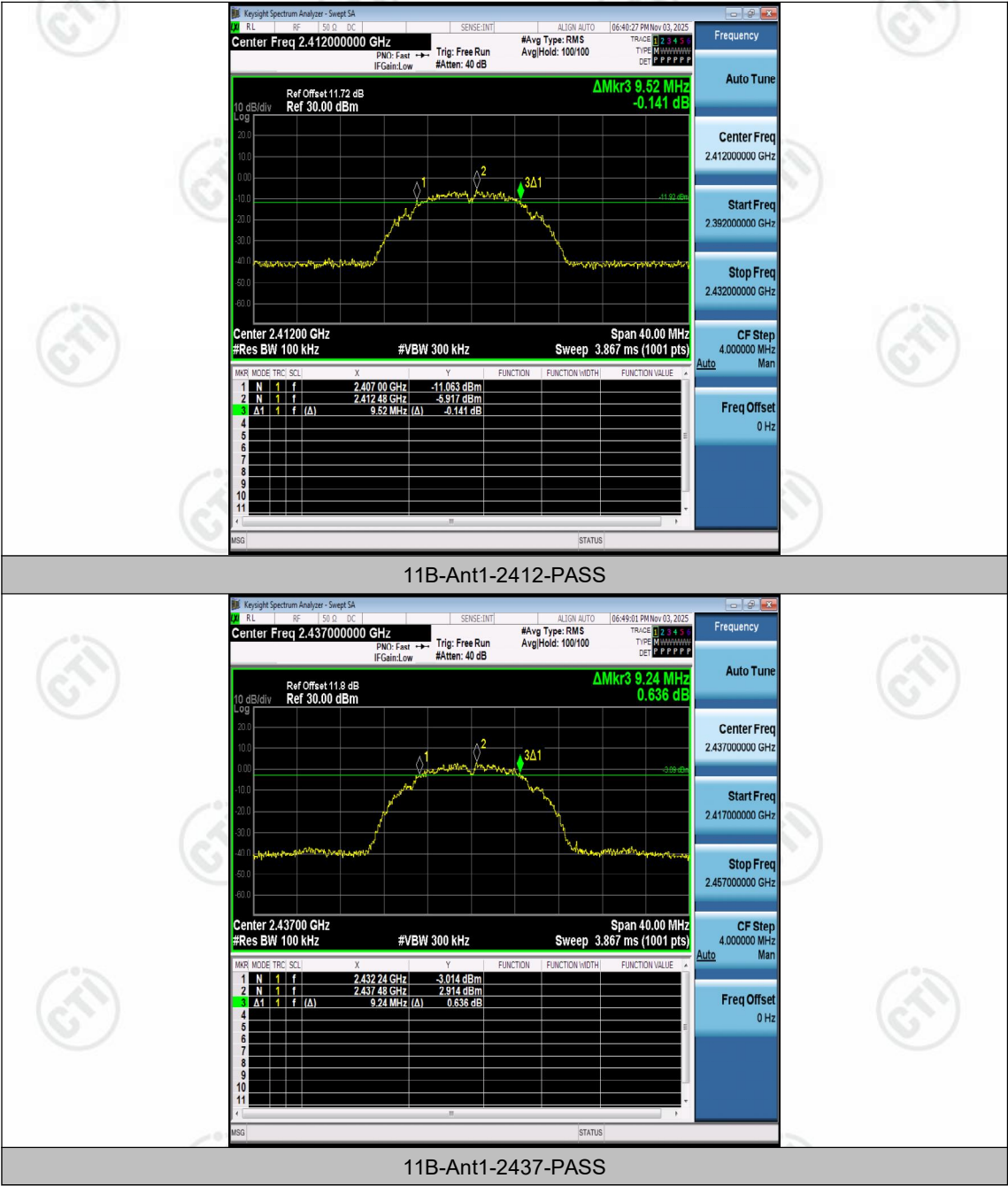
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Appendix A: DTS Bandwidth

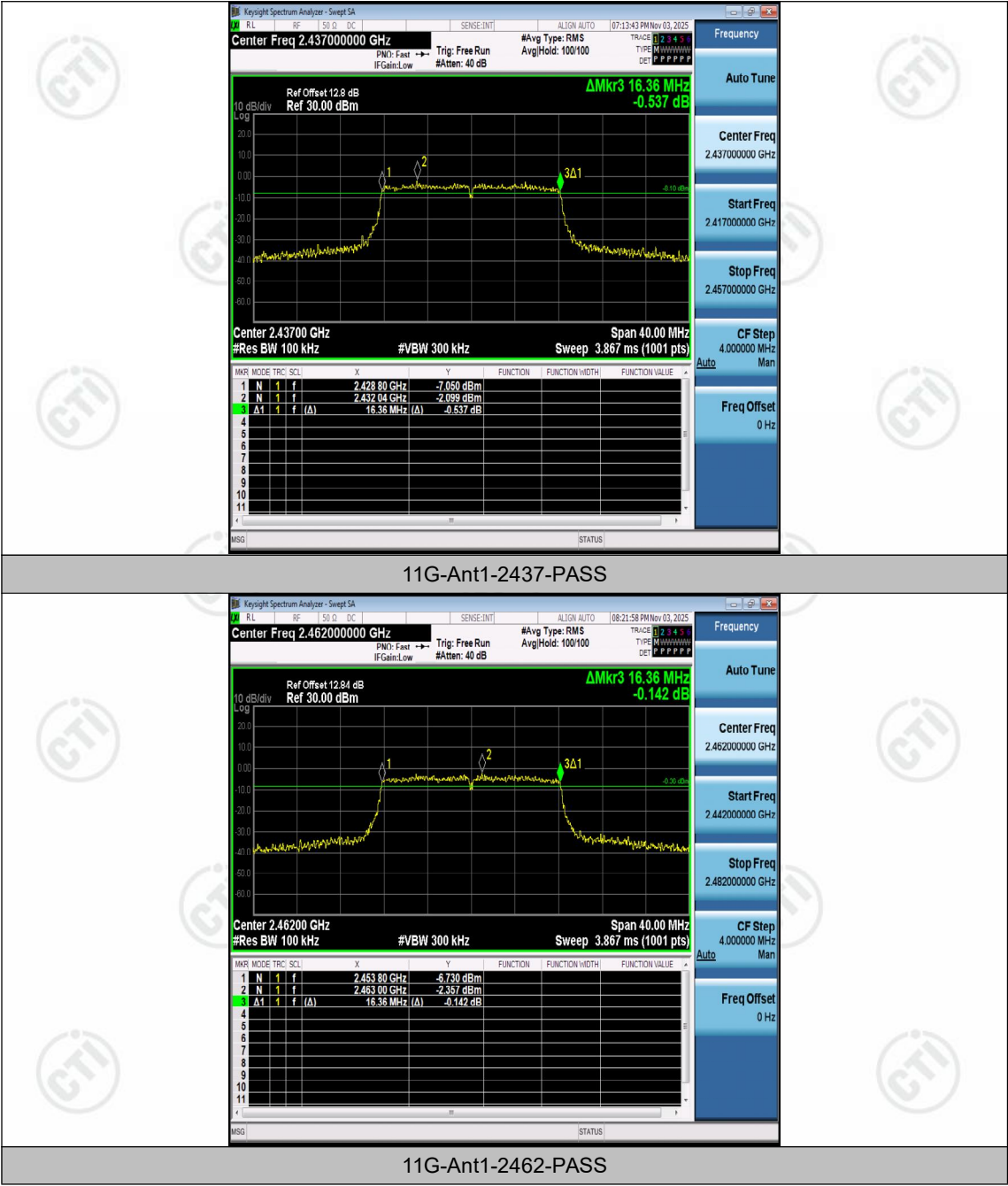
Test Result

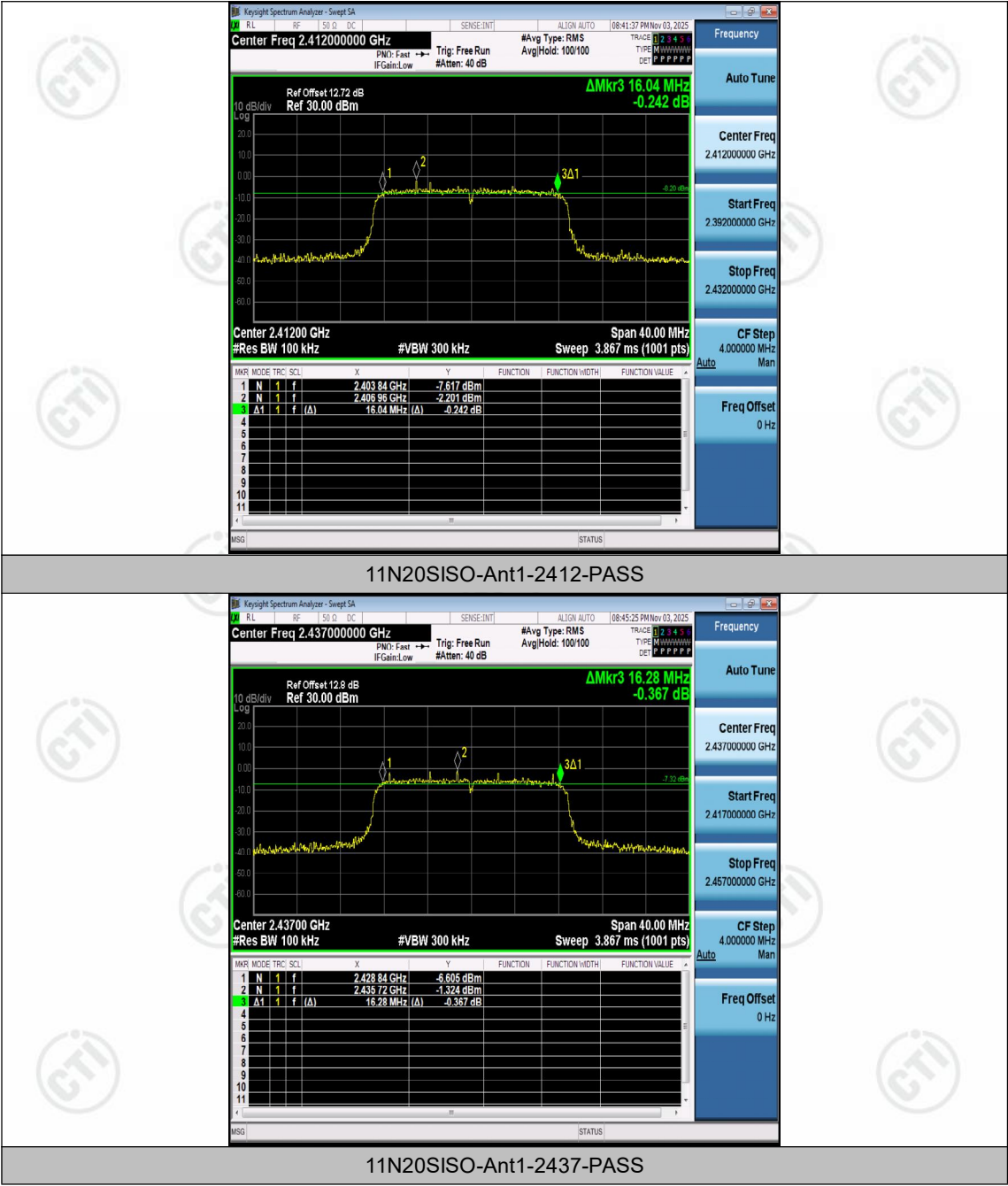
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.520	2407.000	2416.520	0.5	PASS
11B	Ant1	2437	9.240	2432.240	2441.480	0.5	PASS
11B	Ant1	2462	9.640	2456.960	2466.600	0.5	PASS
11G	Ant1	2412	16.080	2403.840	2419.920	0.5	PASS
11G	Ant1	2437	16.360	2428.800	2445.160	0.5	PASS
11G	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
11N20SI SO	Ant1	2412	16.040	2403.840	2419.880	0.5	PASS
11N20SI SO	Ant1	2437	16.280	2428.840	2445.120	0.5	PASS
11N20SI SO	Ant1	2462	16.320	2453.800	2470.120	0.5	PASS

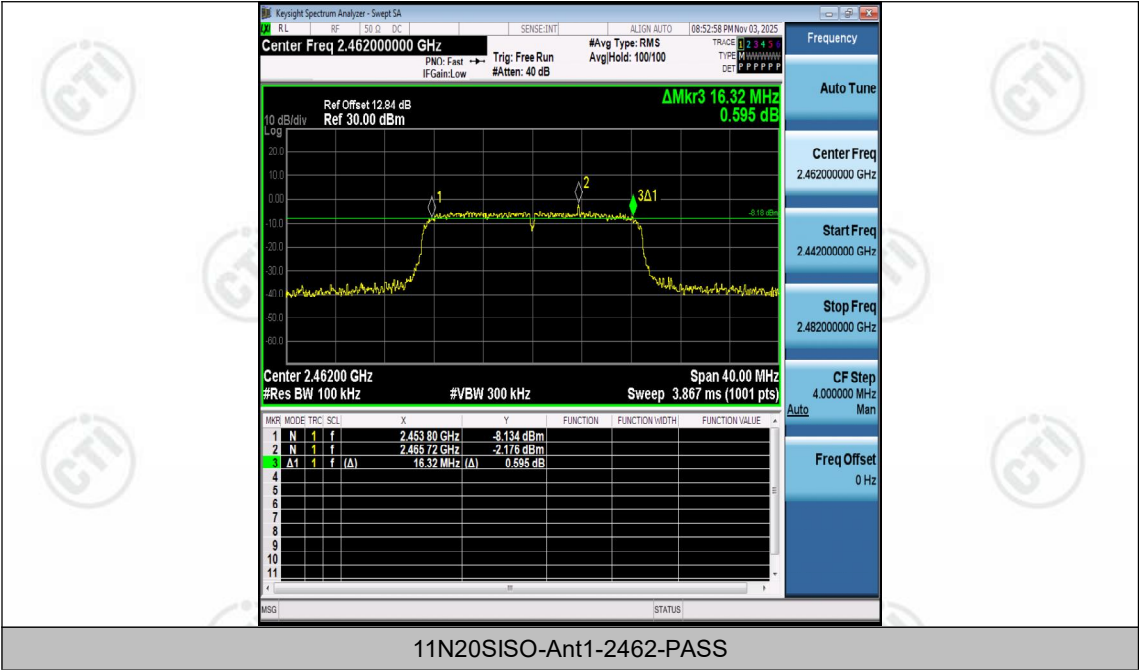
Test Graphs









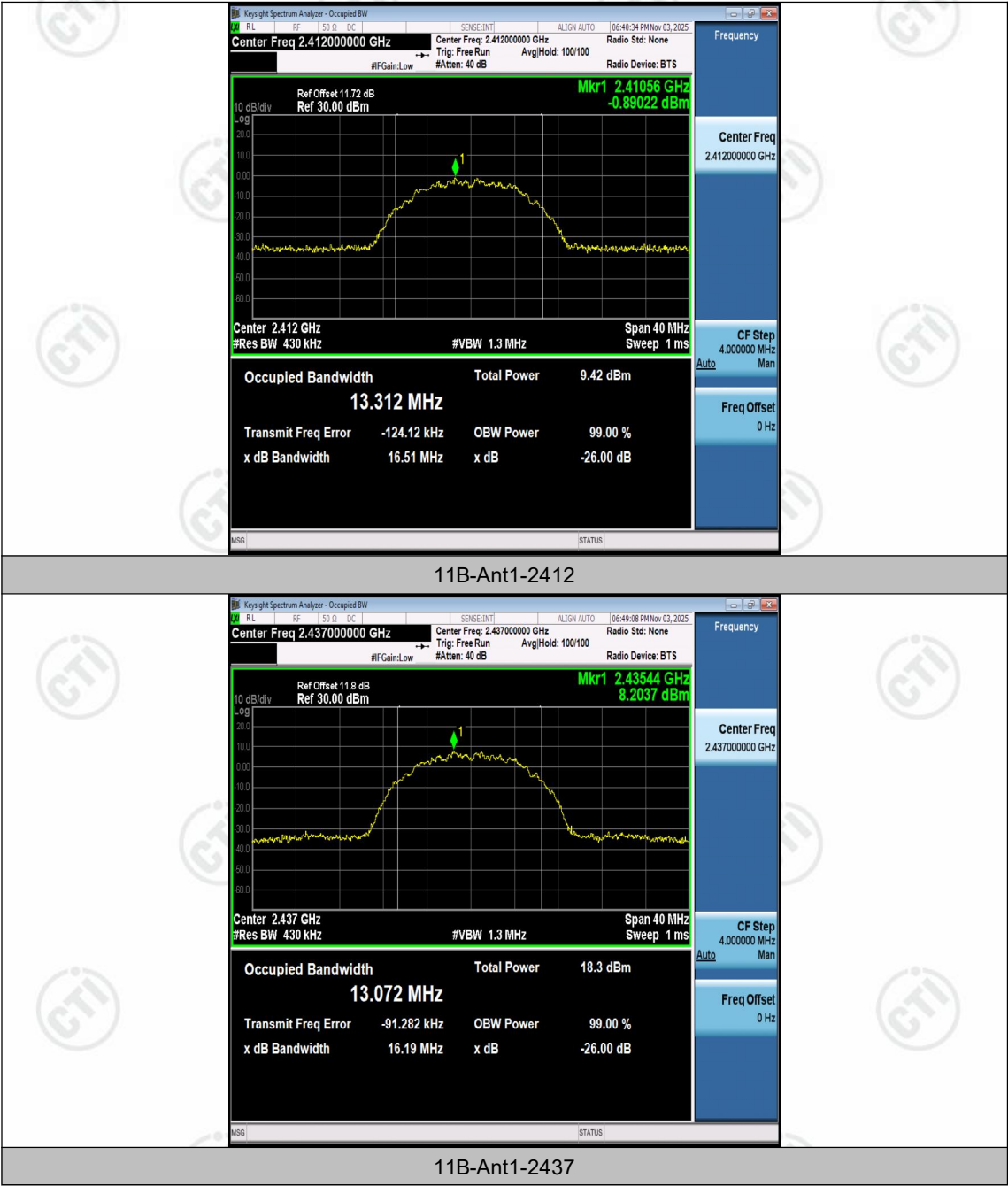


Appendix B: Occupied Channel Bandwidth

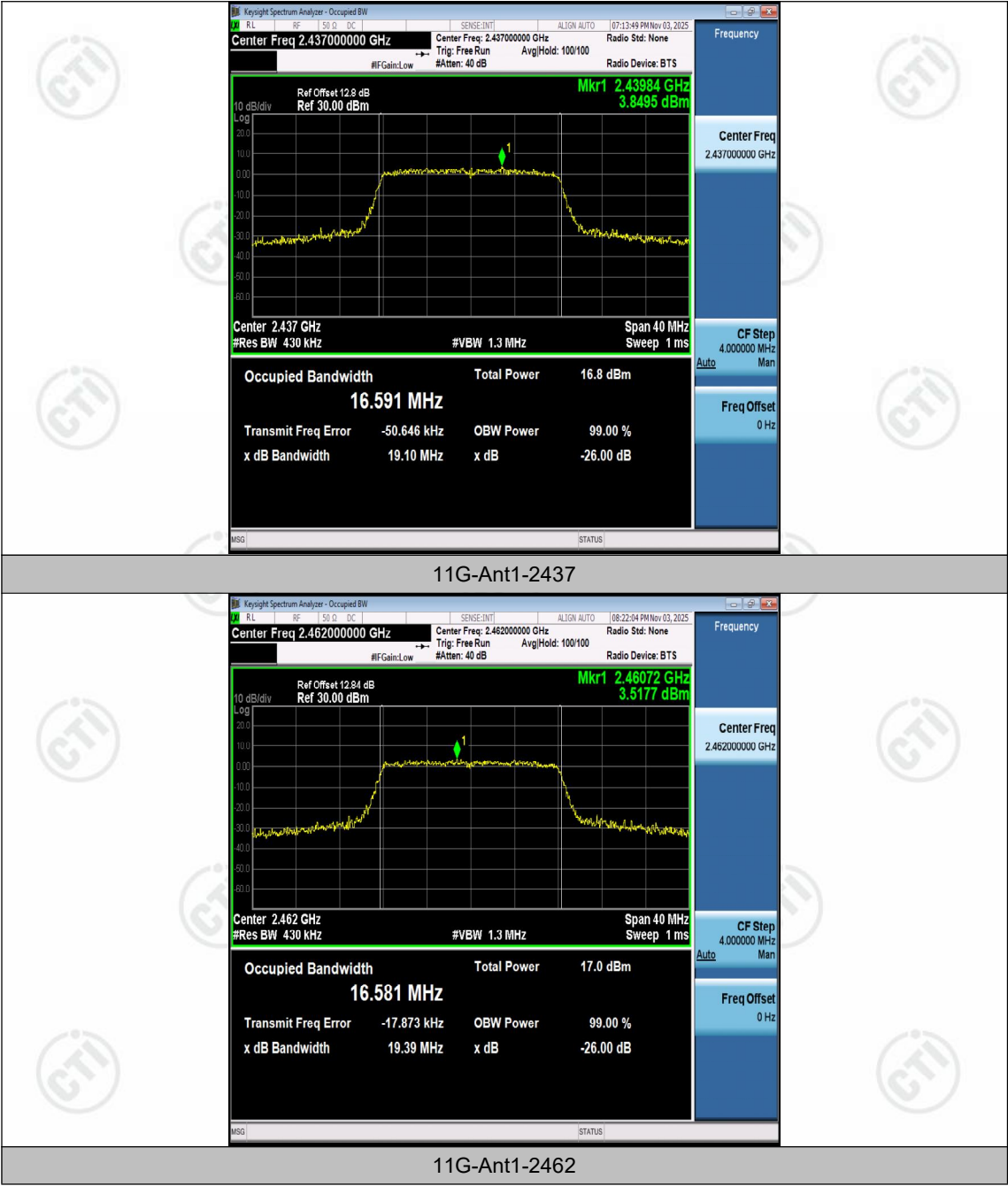
Test Result

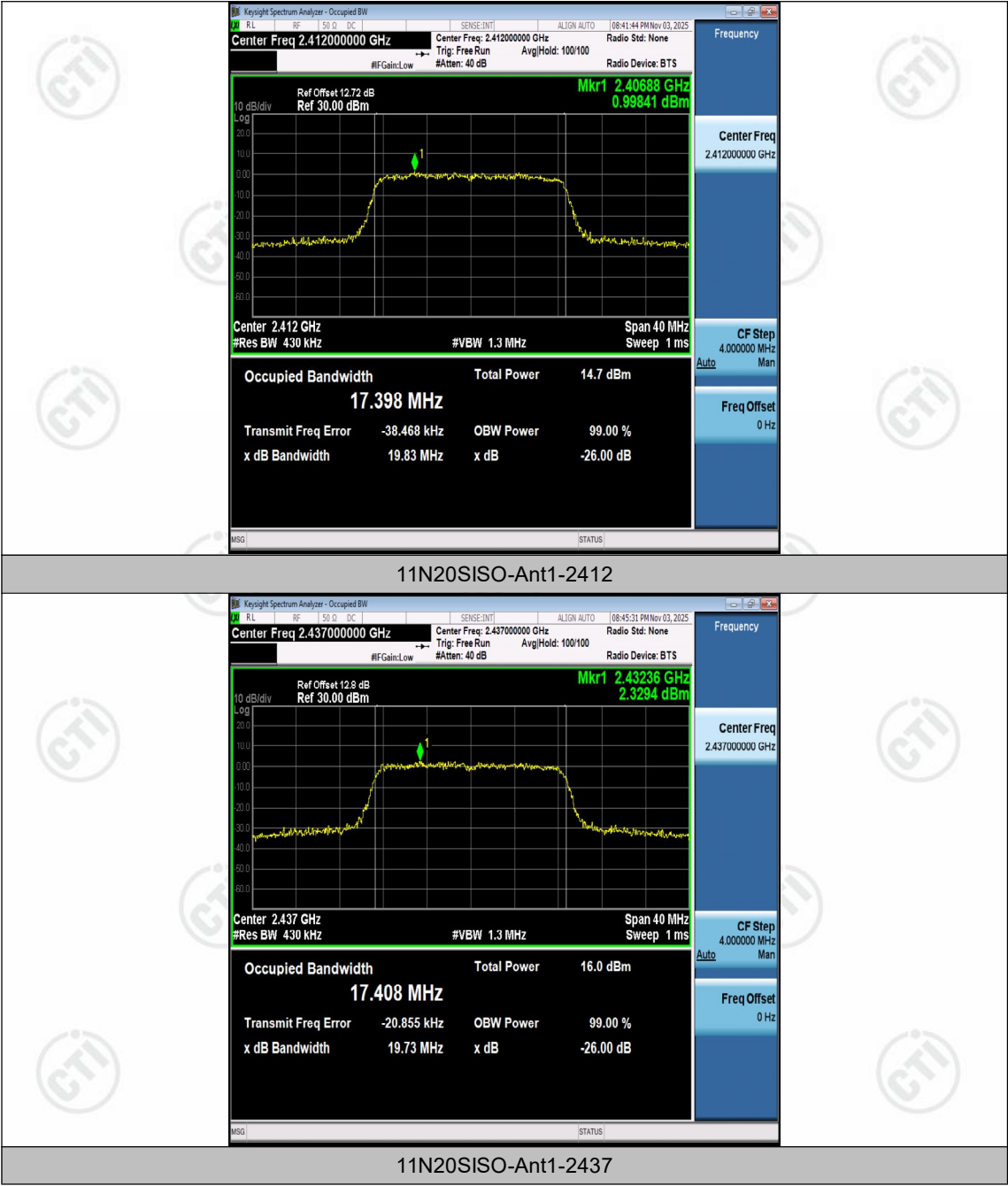
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.312	2405.2199	2418.531 9	---	---
11B	Ant1	2437	13.072	2430.3727	2443.444 7	---	---
11B	Ant1	2462	13.115	2455.3412	2468.456 2	---	---
11G	Ant1	2412	16.575	2403.6742	2420.249 2	---	---
11G	Ant1	2437	16.591	2428.6539	2445.244 9	---	---
11G	Ant1	2462	16.581	2453.6916	2470.272 6	---	---
11N20SI SO	Ant1	2412	17.398	2403.2625	2420.660 5	---	---
11N20SI SO	Ant1	2437	17.408	2428.2752	2445.683 2	---	---
11N20SI SO	Ant1	2462	17.387	2453.2937	2470.680 7	---	---

Test Graphs











Appendix C: Maximum conducted output power

Test Result Peak

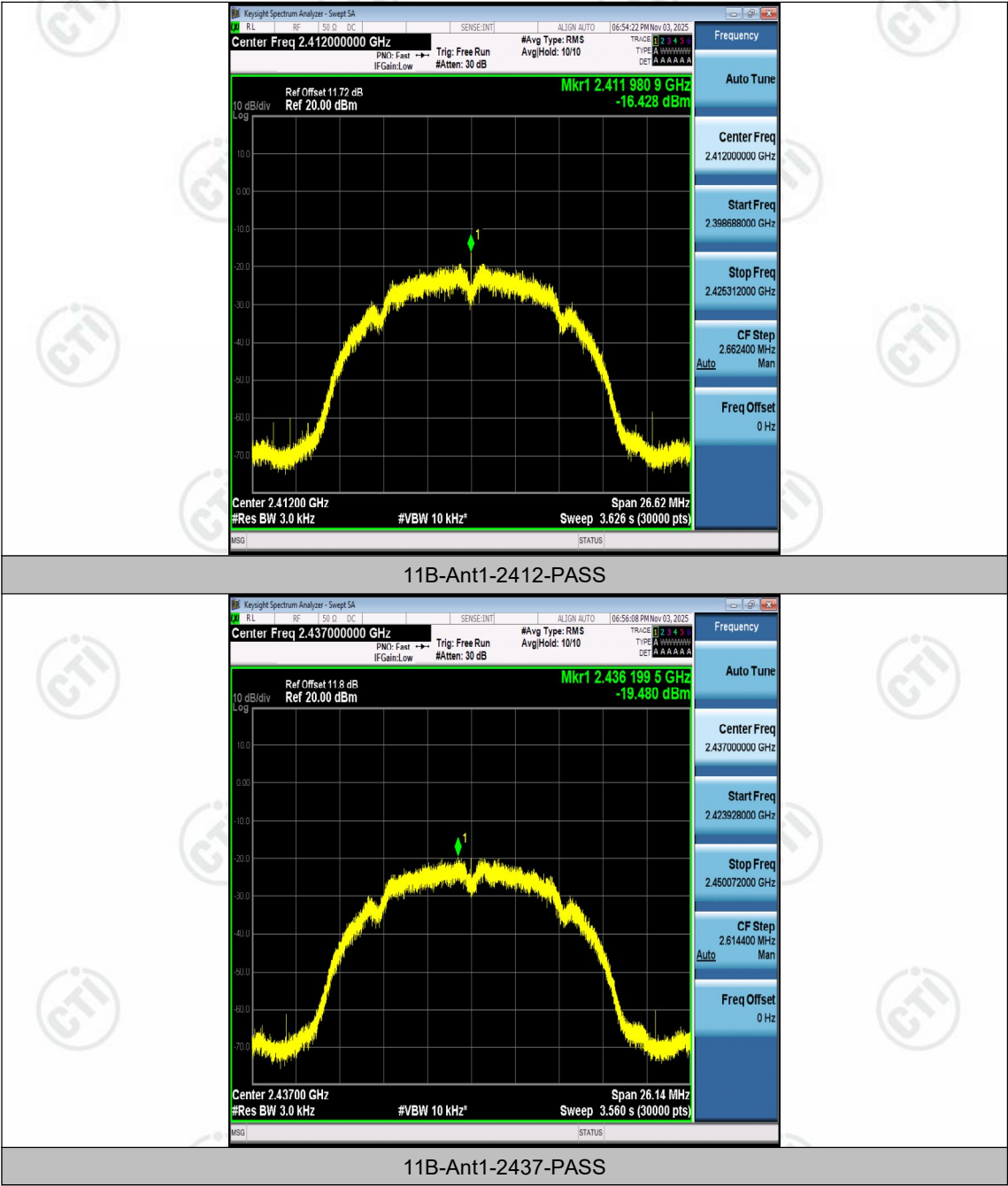
TestMode	Antenna	Frequency[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	---	10.44	≤30.00	PASS
11B	Ant1	2437	---	10.23	≤30.00	PASS
11B	Ant1	2462	---	10.82	≤30.00	PASS
11G	Ant1	2412	---	9.70	≤30.00	PASS
11G	Ant1	2437	---	9.90	≤30.00	PASS
11G	Ant1	2462	---	9.76	≤30.00	PASS
11N20SISO	Ant1	2412	---	8.96	≤30.00	PASS
11N20SISO	Ant1	2437	---	9.94	≤30.00	PASS
11N20SISO	Ant1	2462	---	9.78	≤30.00	PASS

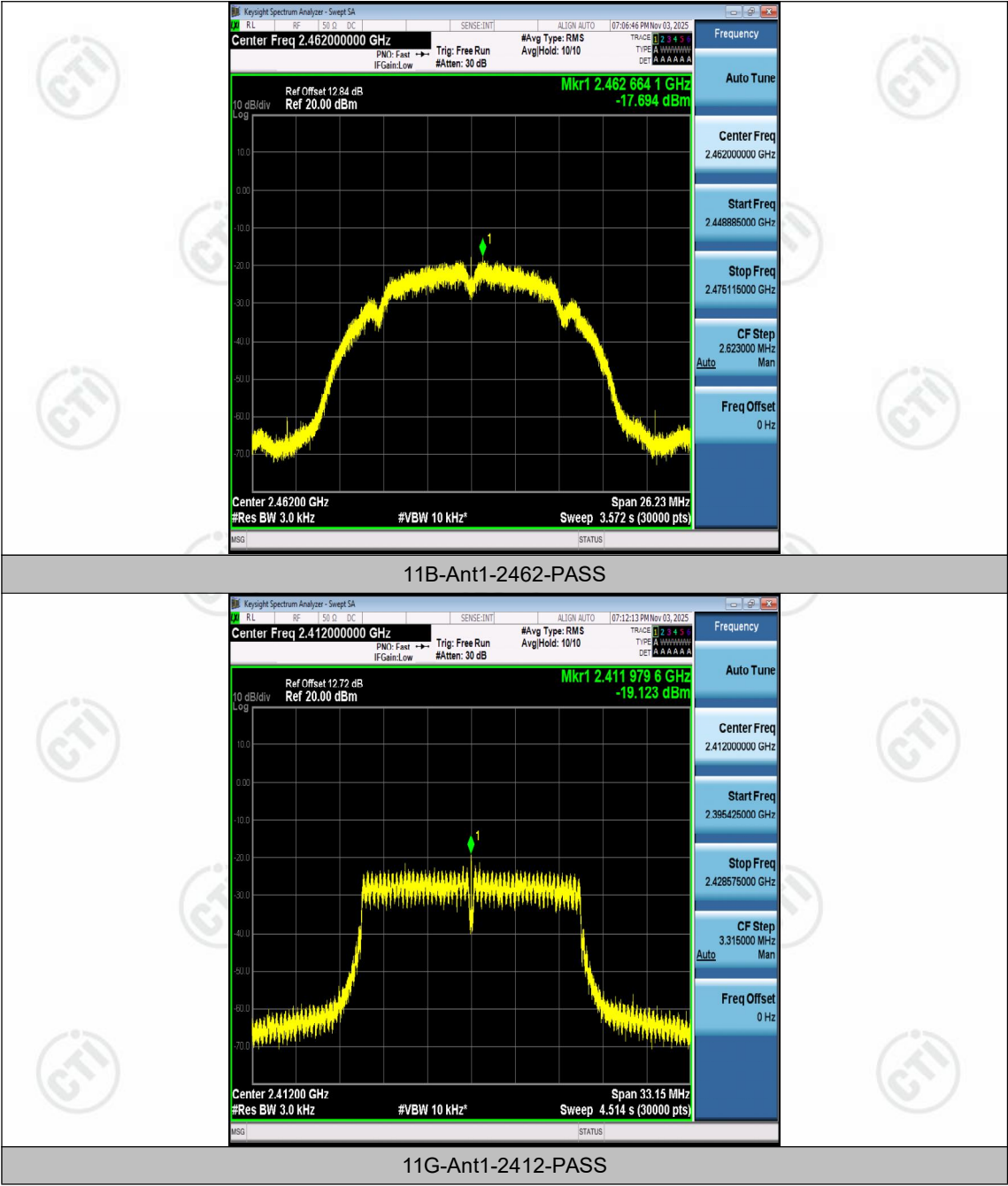
Appendix D: Maximum power spectral density

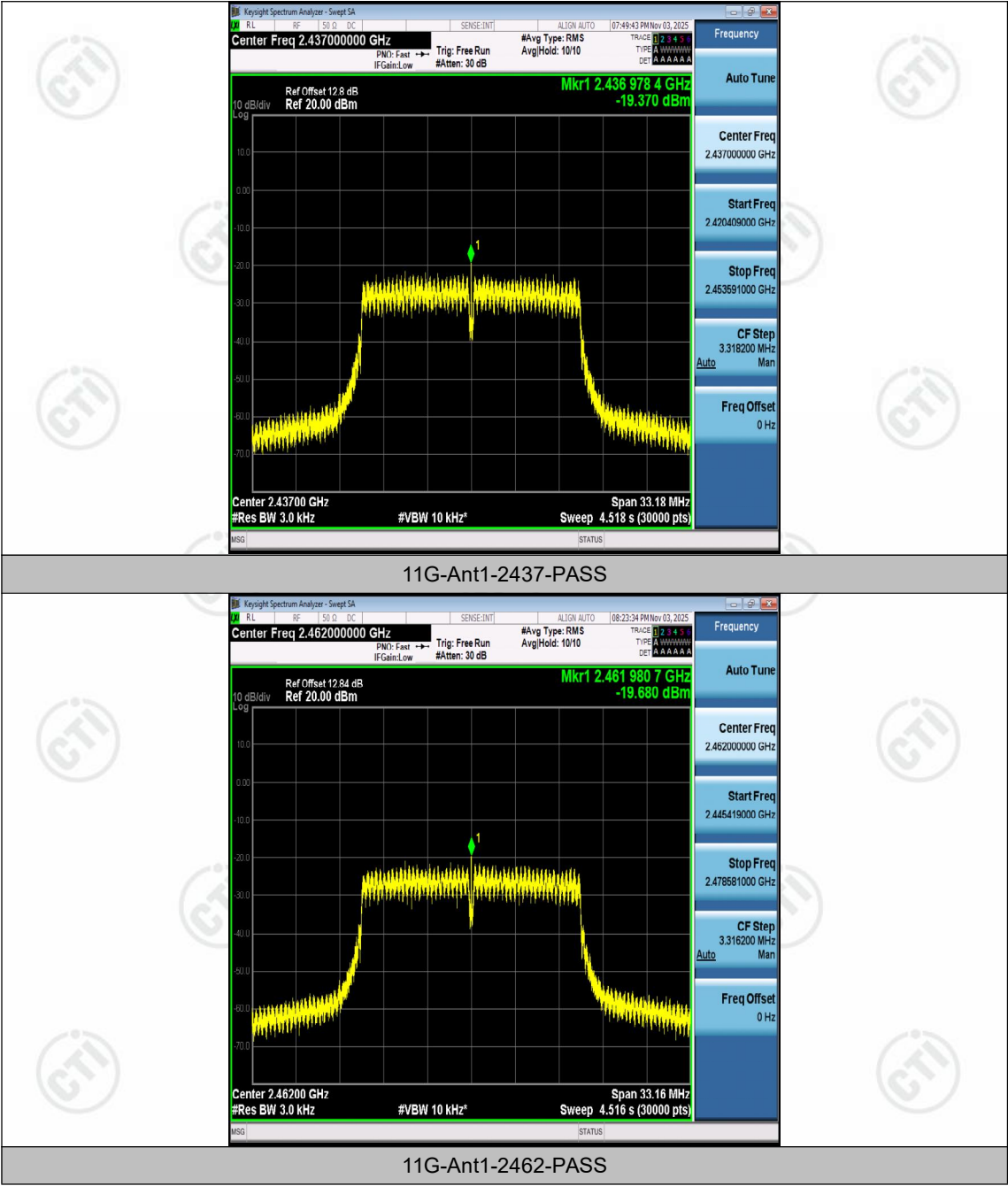
Test Result

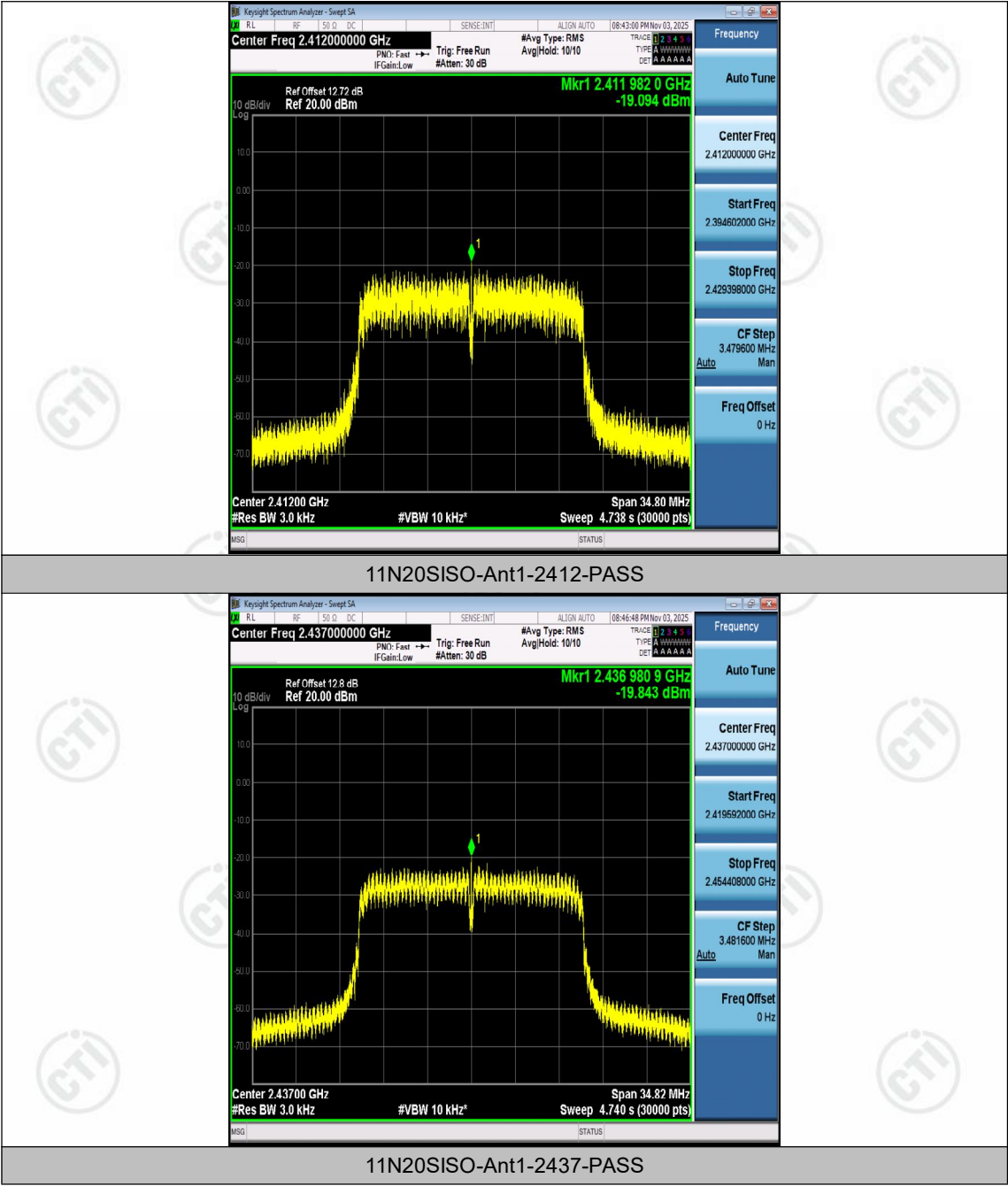
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.43	≤8.00	PASS
11B	Ant1	2437	-19.48	≤8.00	PASS
11B	Ant1	2462	-17.69	≤8.00	PASS
11G	Ant1	2412	-19.12	≤8.00	PASS
11G	Ant1	2437	-19.37	≤8.00	PASS
11G	Ant1	2462	-19.68	≤8.00	PASS
11N20SISO	Ant1	2412	-19.09	≤8.00	PASS
11N20SISO	Ant1	2437	-19.84	≤8.00	PASS
11N20SISO	Ant1	2462	-22.60	≤8.00	PASS

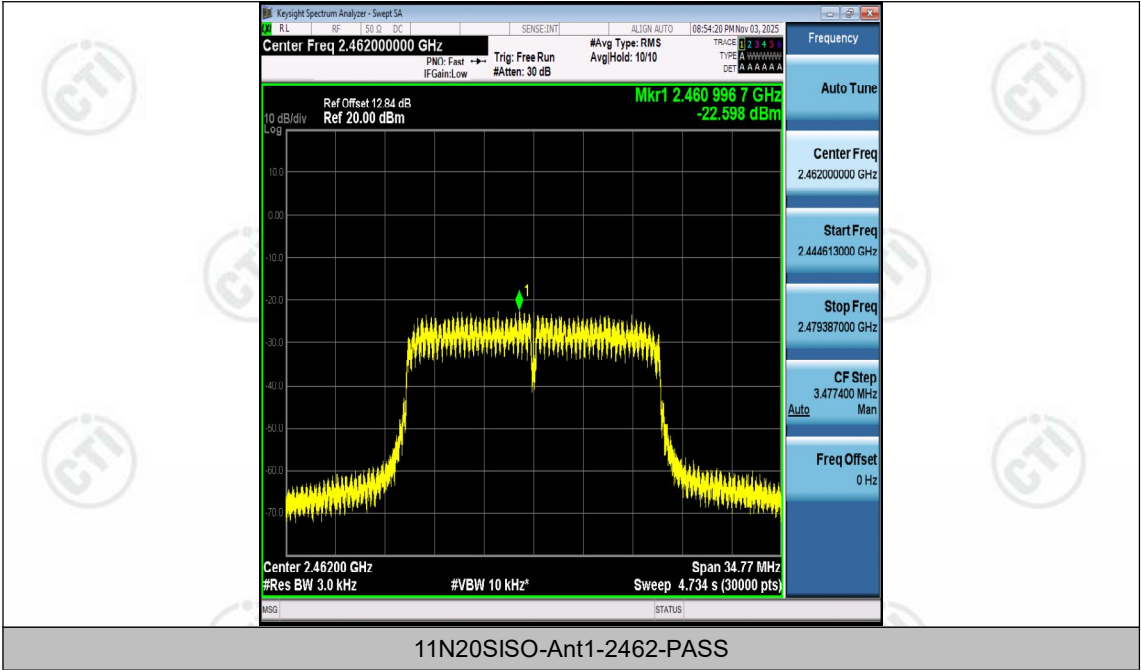
Test Graphs











Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.49	-42.29	≤-17.51	PASS
11B	Ant1	High	2462	3.25	-46.35	≤-16.75	PASS
11G	Ant1	Low	2412	-1.71	-36.74	≤-21.71	PASS
11G	Ant1	High	2462	-0.83	-44.07	≤-20.83	PASS
11N20SI SO	Ant1	Low	2412	-3.15	-39.74	≤-23.15	PASS
11N20SI SO	Ant1	High	2462	-2.26	-45.3	≤-22.26	PASS

Test Graphs

