

Appendix: 2.4G Wi-Fi

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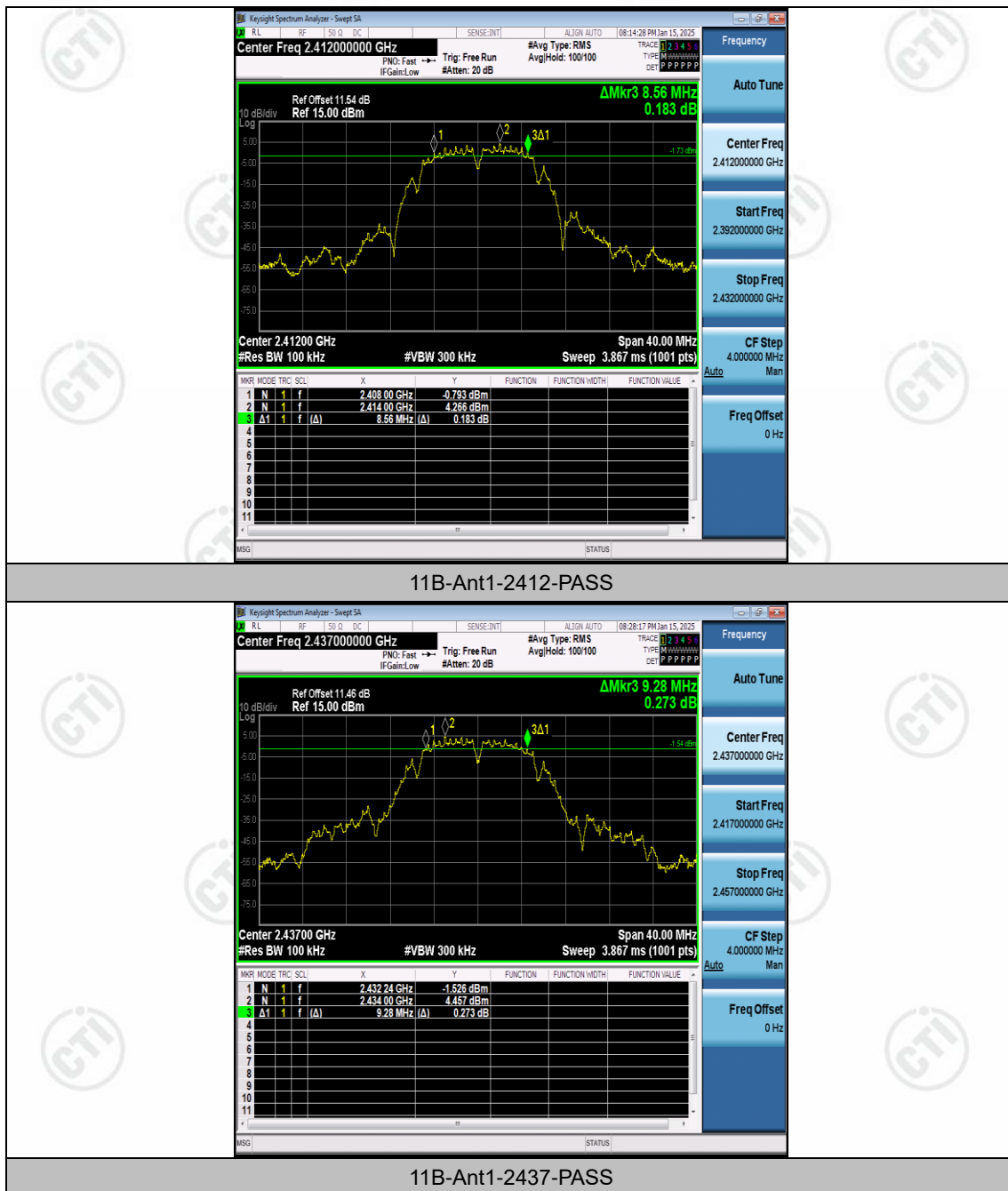
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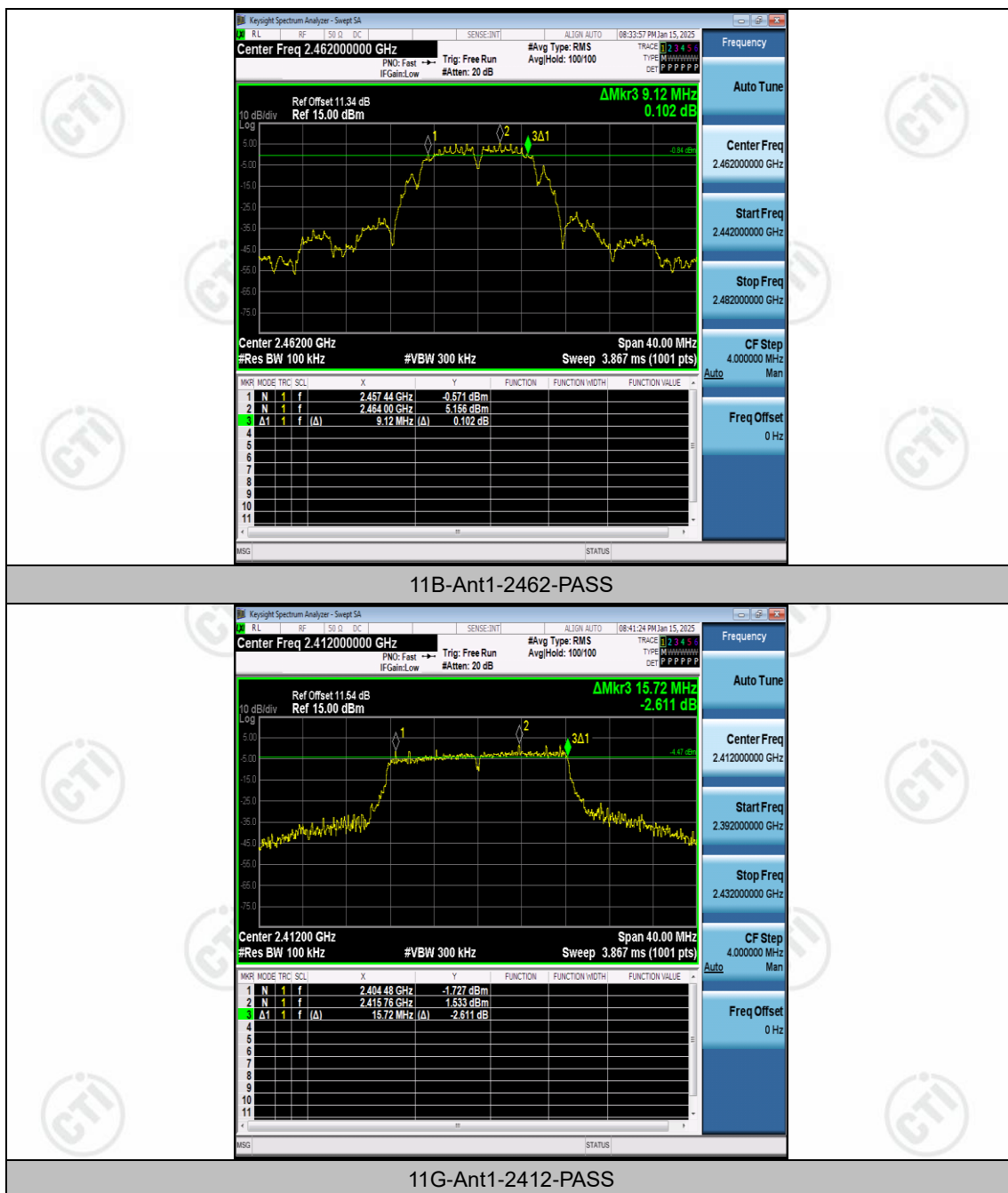
Appendix A: DTS Bandwidth

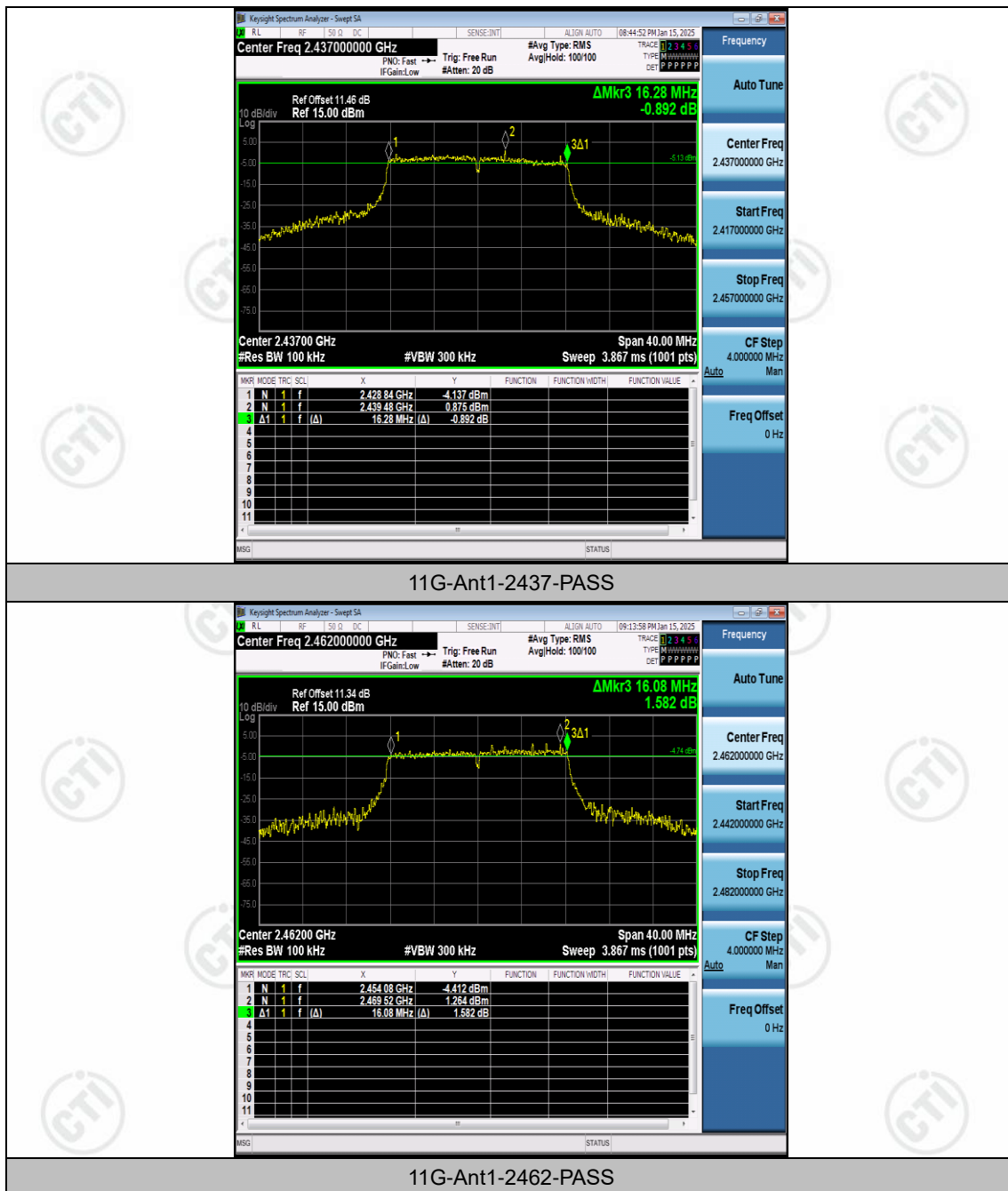
Test Result

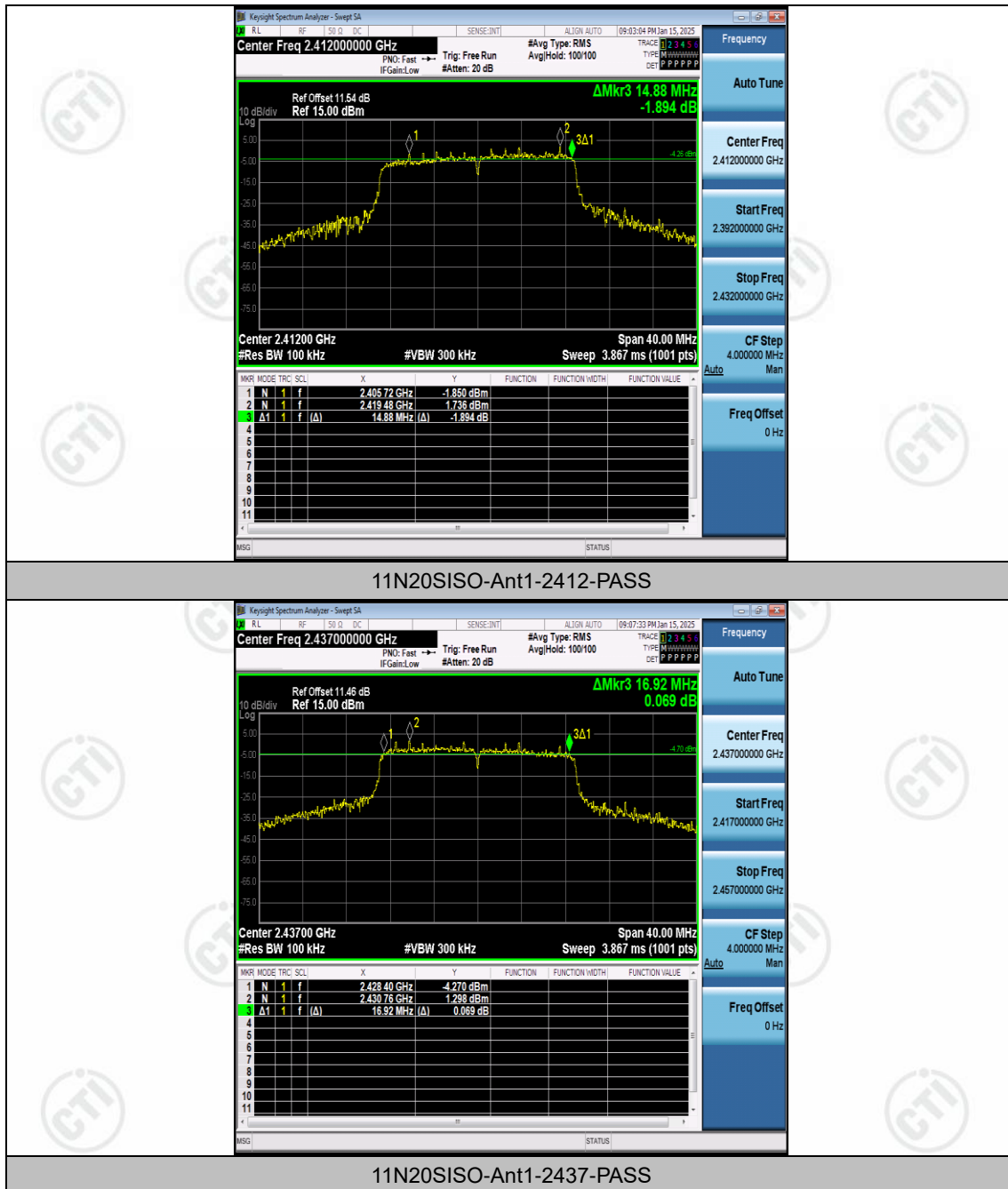
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2408.000	2416.560	0.5	PASS
11B	Ant1	2437	9.280	2432.240	2441.520	0.5	PASS
11B	Ant1	2462	9.120	2457.440	2466.560	0.5	PASS
11G	Ant1	2412	15.720	2404.480	2420.200	0.5	PASS
11G	Ant1	2437	16.280	2428.840	2445.120	0.5	PASS
11G	Ant1	2462	16.080	2454.080	2470.160	0.5	PASS
11N20SISO	Ant1	2412	14.880	2405.720	2420.600	0.5	PASS
11N20SISO	Ant1	2437	16.920	2428.400	2445.320	0.5	PASS
11N20SISO	Ant1	2462	17.240	2453.400	2470.640	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
11N40SISO	Ant1	2437	35.120	2419.400	2454.520	0.5	PASS
11N40SISO	Ant1	2452	35.520	2434.000	2469.520	0.5	PASS

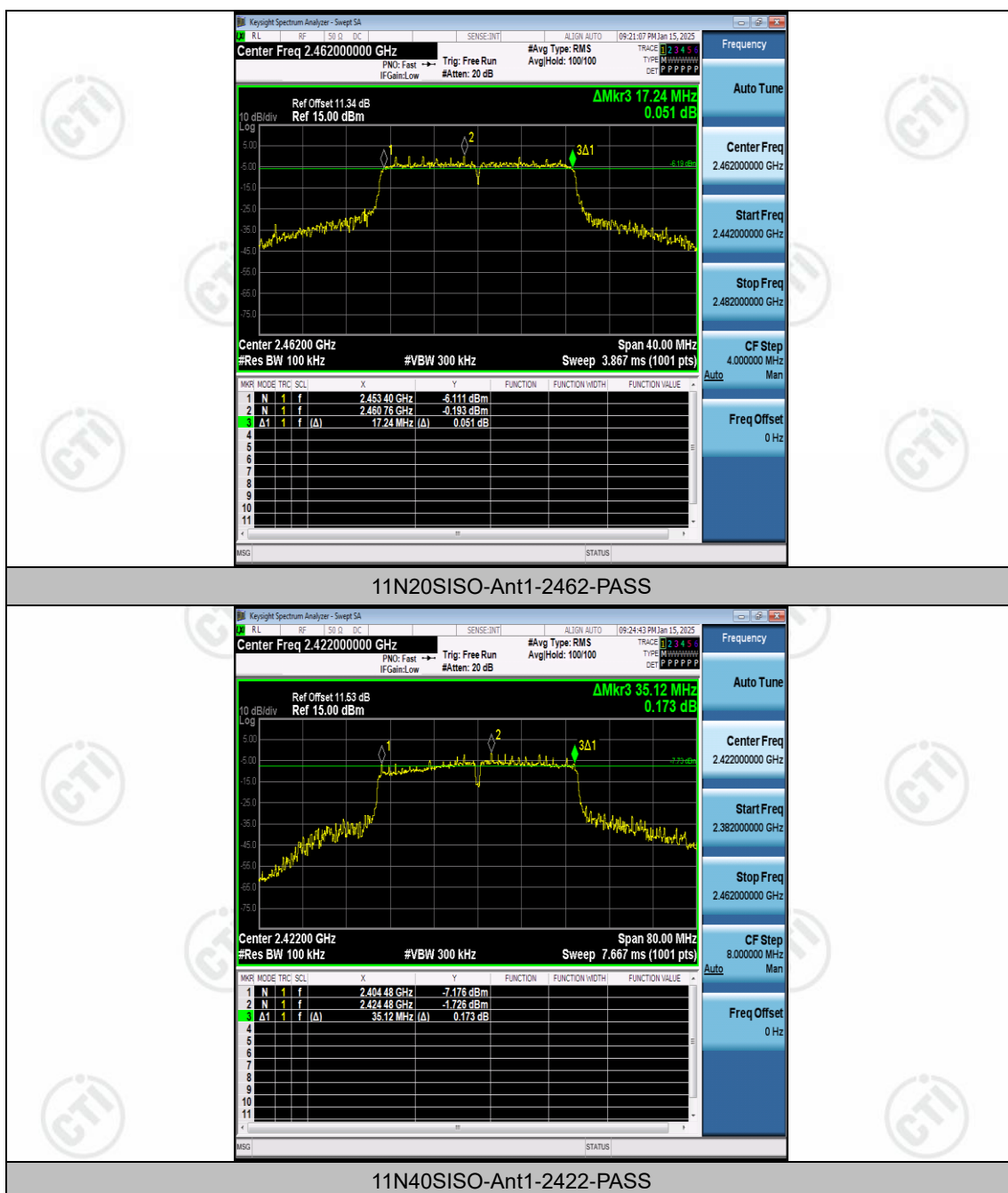
Test Graphs

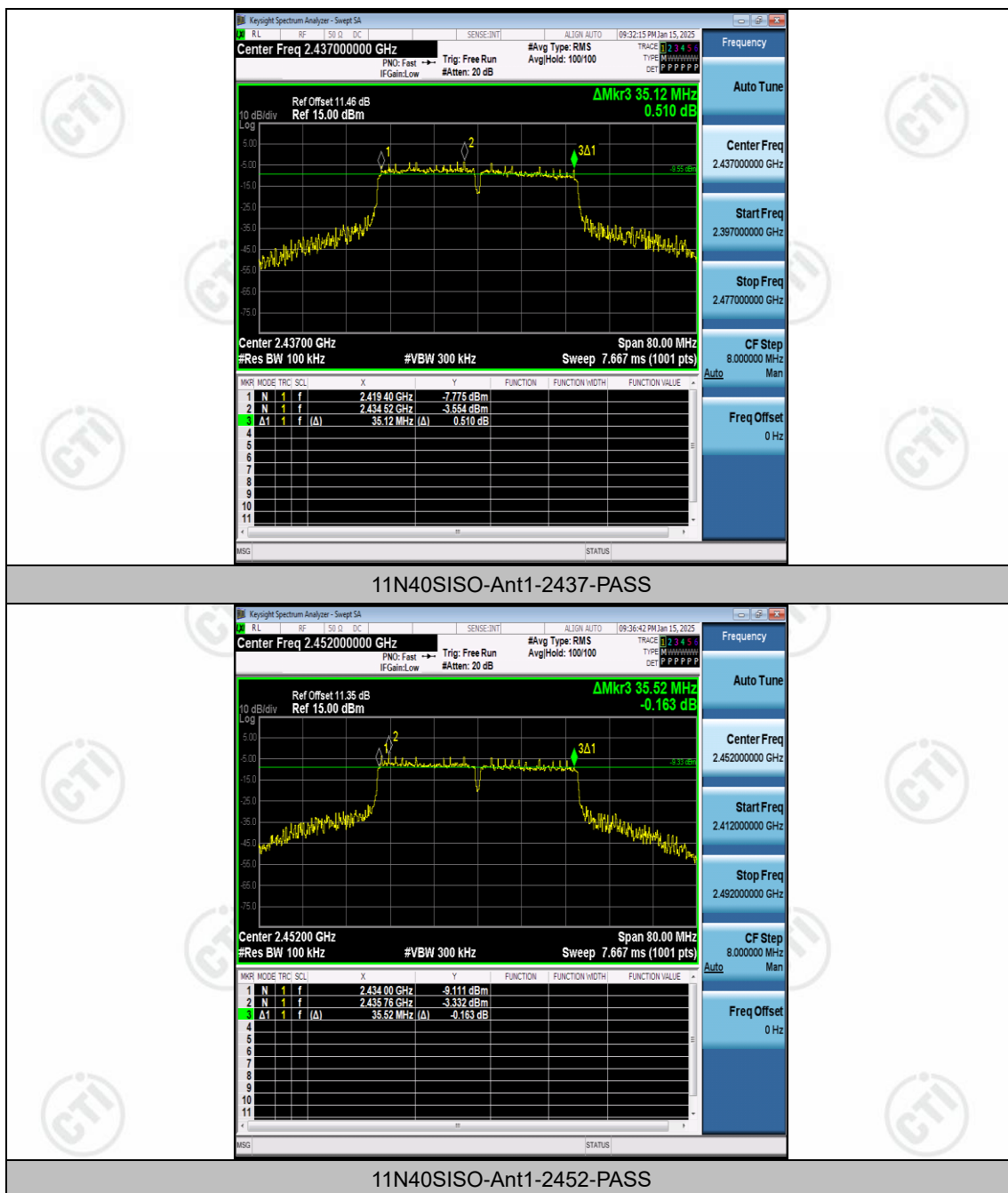










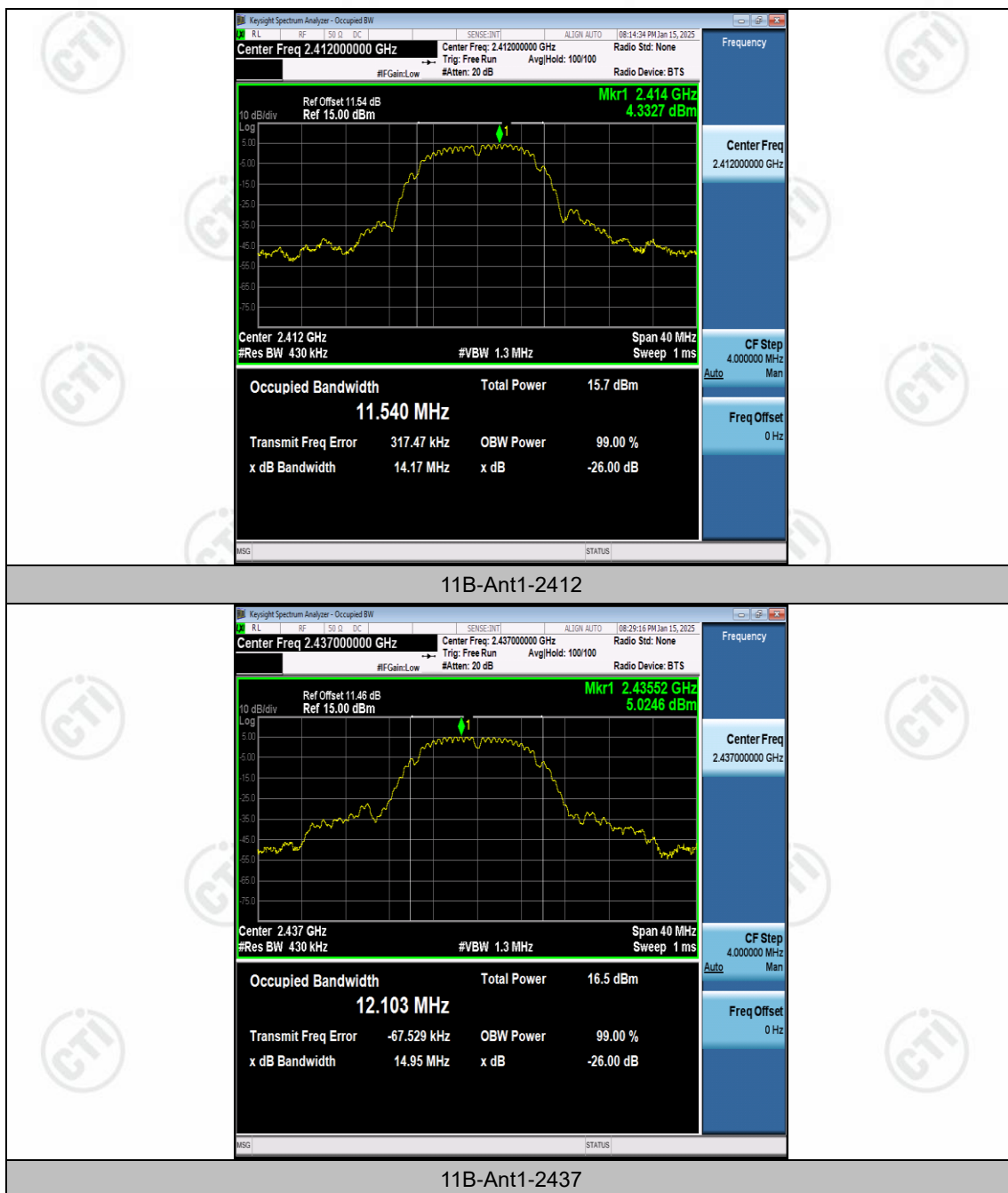


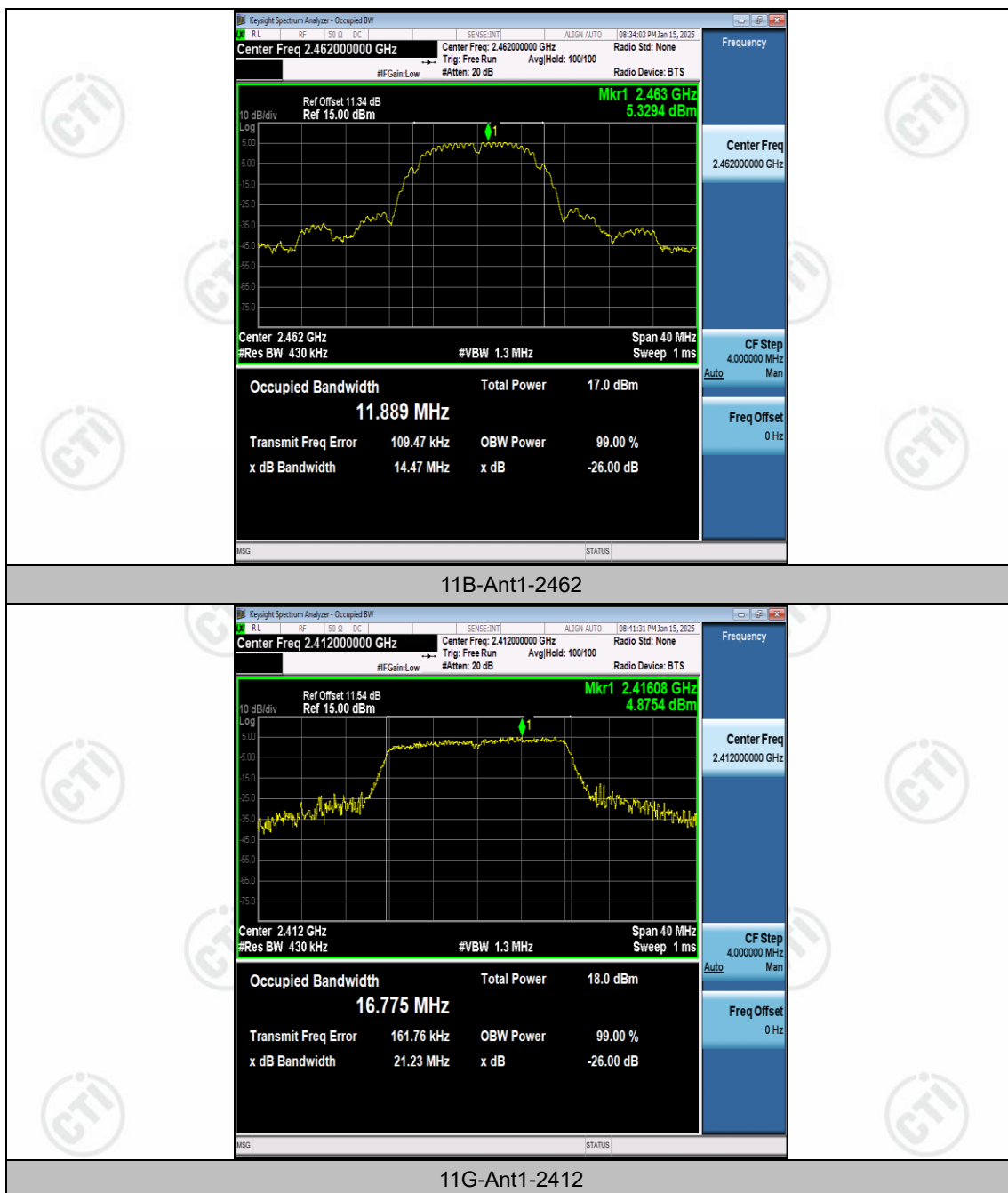
Appendix B: Occupied Channel Bandwidth

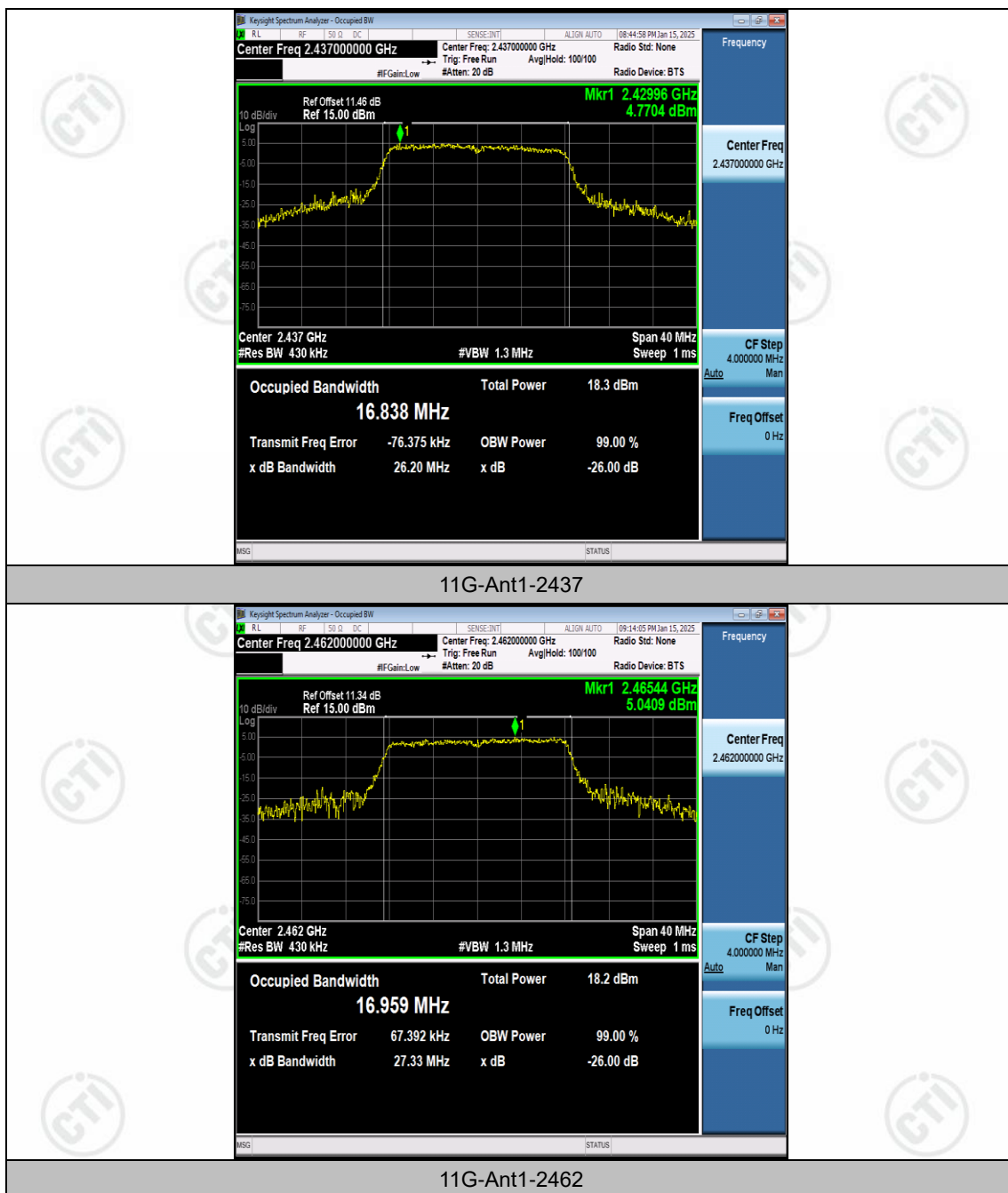
Test Result

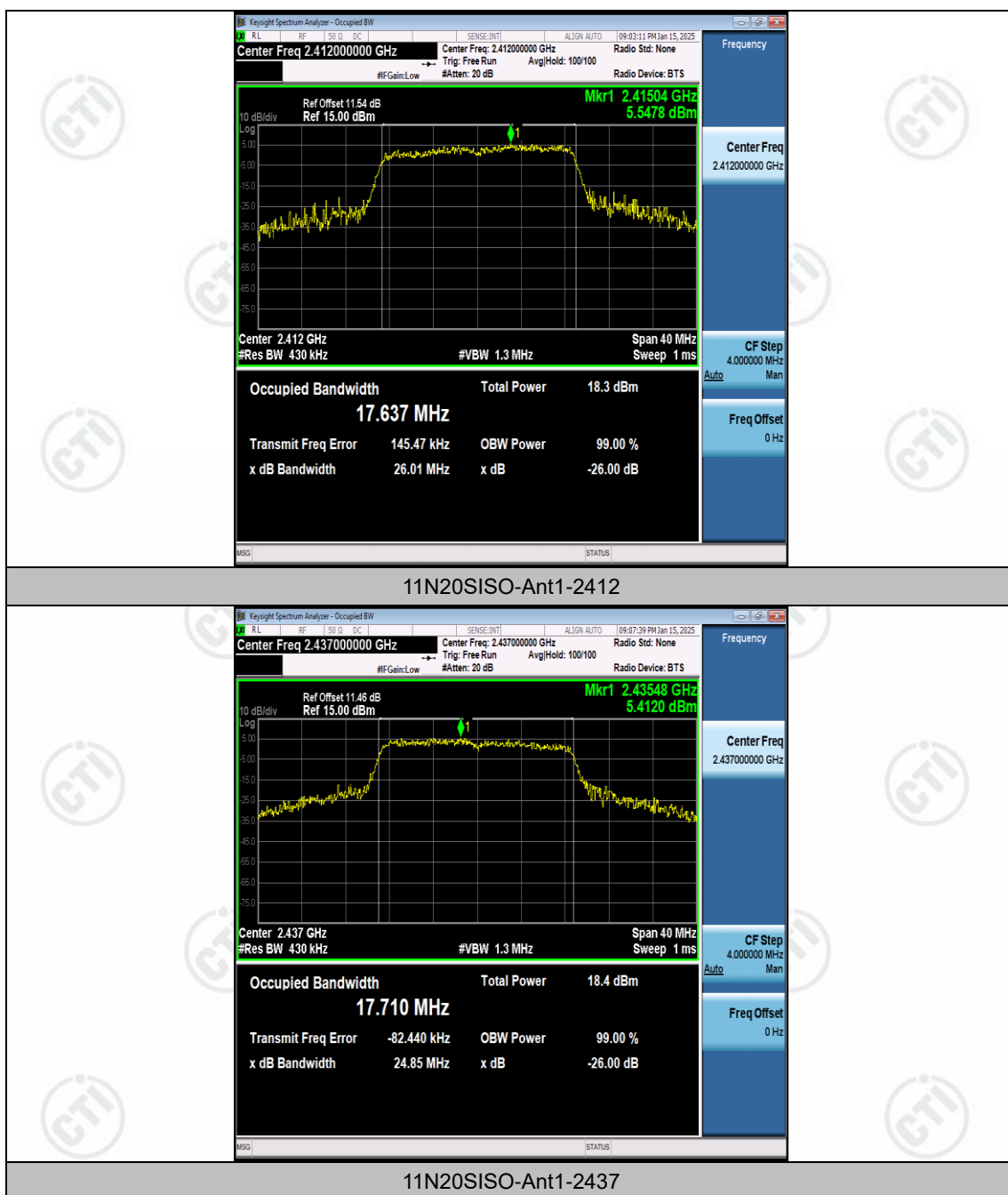
Test Mode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.540	2406.5475	2418.0875	---	---
11B	Ant1	2437	12.103	2430.8810	2442.9840	---	---
11B	Ant1	2462	11.889	2456.1650	2468.0540	---	---
11G	Ant1	2412	16.775	2403.7743	2420.5493	---	---
11G	Ant1	2437	16.838	2428.5046	2445.3426	---	---
11G	Ant1	2462	16.959	2453.5879	2470.5469	---	---
11N20SISO	Ant1	2412	17.637	2403.3270	2420.9640	---	---
11N20SISO	Ant1	2437	17.710	2428.0626	2445.7726	---	---
11N20SISO	Ant1	2462	17.790	2453.0971	2470.8871	---	---
11N40SISO	Ant1	2422	35.976	2404.2181	2440.1941	---	---
11N40SISO	Ant1	2437	36.082	2418.9277	2455.0097	---	---
11N40SISO	Ant1	2452	36.469	2433.6918	2470.1608	---	---

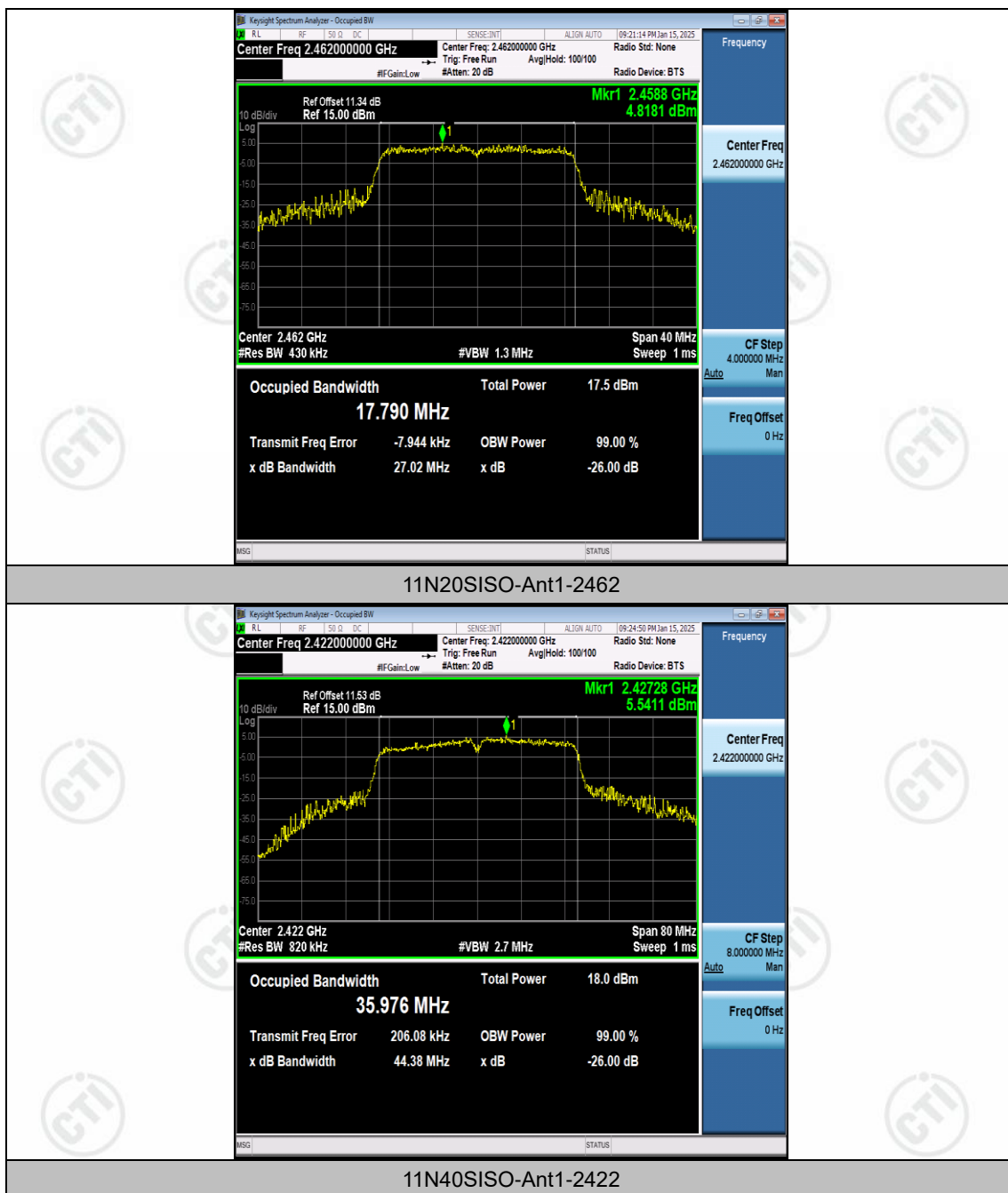
Test Graphs

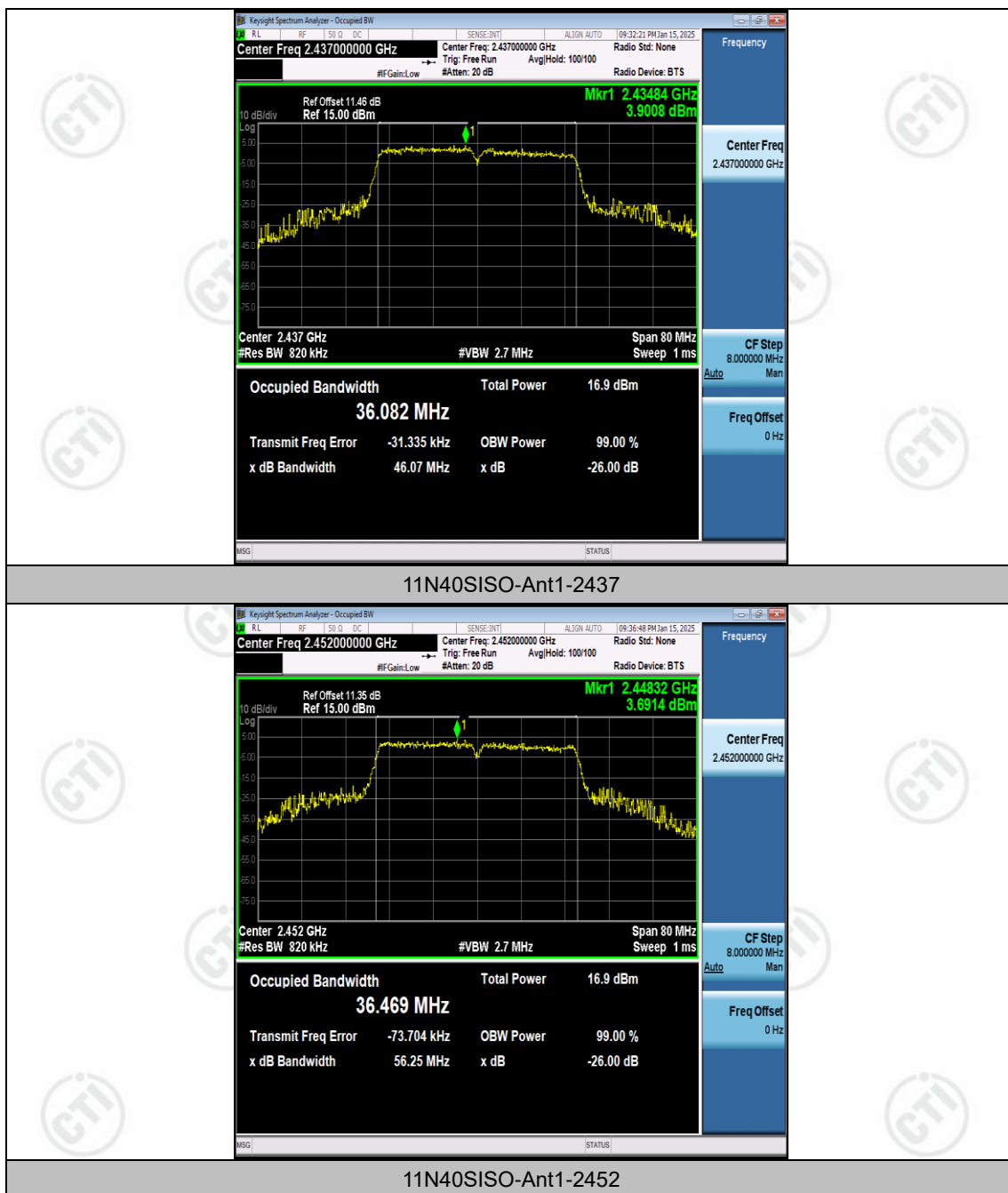












Appendix C: Maximum conducted output power

Test Result

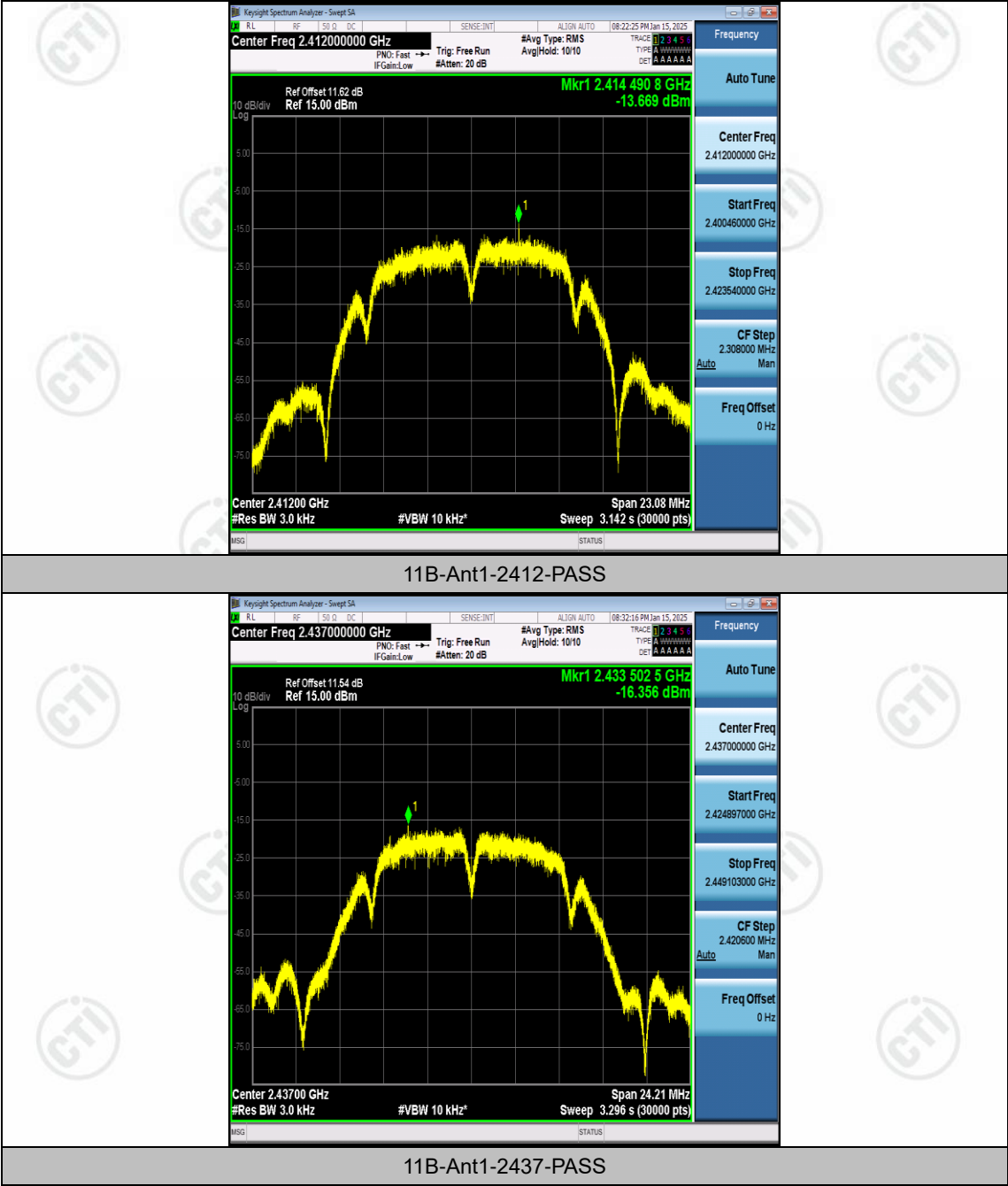
TestMode	Antenna	Frequency[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	13.49	≤30.00	14.51	≤36.00	PASS
11B	Ant1	2437	---	13.42	≤30.00	14.44	≤36.00	PASS
11B	Ant1	2462	---	13.70	≤30.00	14.72	≤36.00	PASS
11G	Ant1	2412	---	12.66	≤30.00	13.68	≤36.00	PASS
11G	Ant1	2437	---	12.85	≤30.00	13.87	≤36.00	PASS
11G	Ant1	2462	---	12.12	≤30.00	13.14	≤36.00	PASS
11N20SISO	Ant1	2412	---	12.82	≤30.00	13.84	≤36.00	PASS
11N20SISO	Ant1	2437	---	12.89	≤30.00	13.91	≤36.00	PASS
11N20SISO	Ant1	2462	---	12.17	≤30.00	13.19	≤36.00	PASS
11N40SISO	Ant1	2422	---	11.73	≤30.00	12.75	≤36.00	PASS
11N40SISO	Ant1	2437	---	11.02	≤30.00	12.04	≤36.00	PASS
11N40SISO	Ant1	2452	---	11.04	≤30.00	12.06	≤36.00	PASS

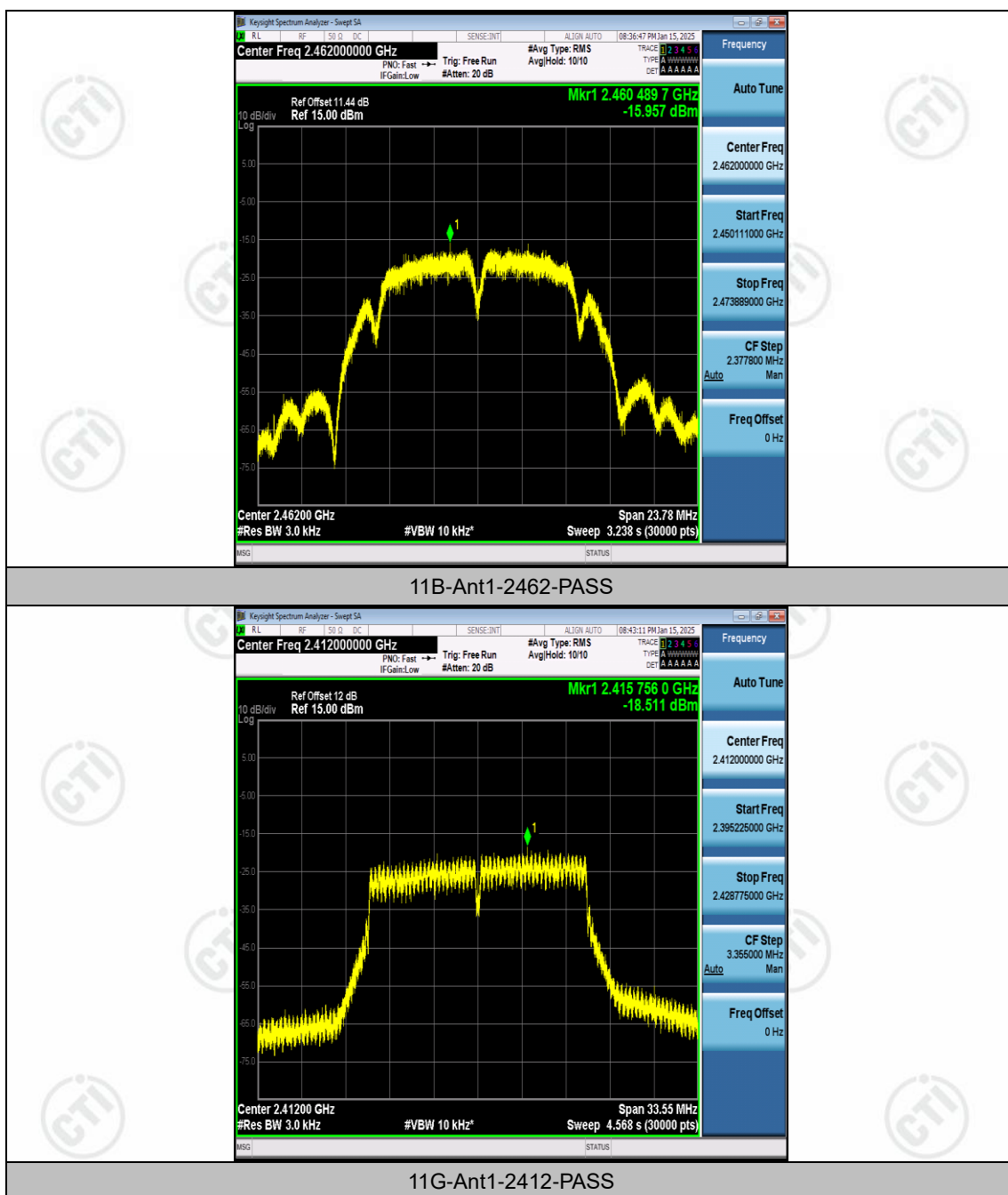
Appendix D: Maximum power spectral density

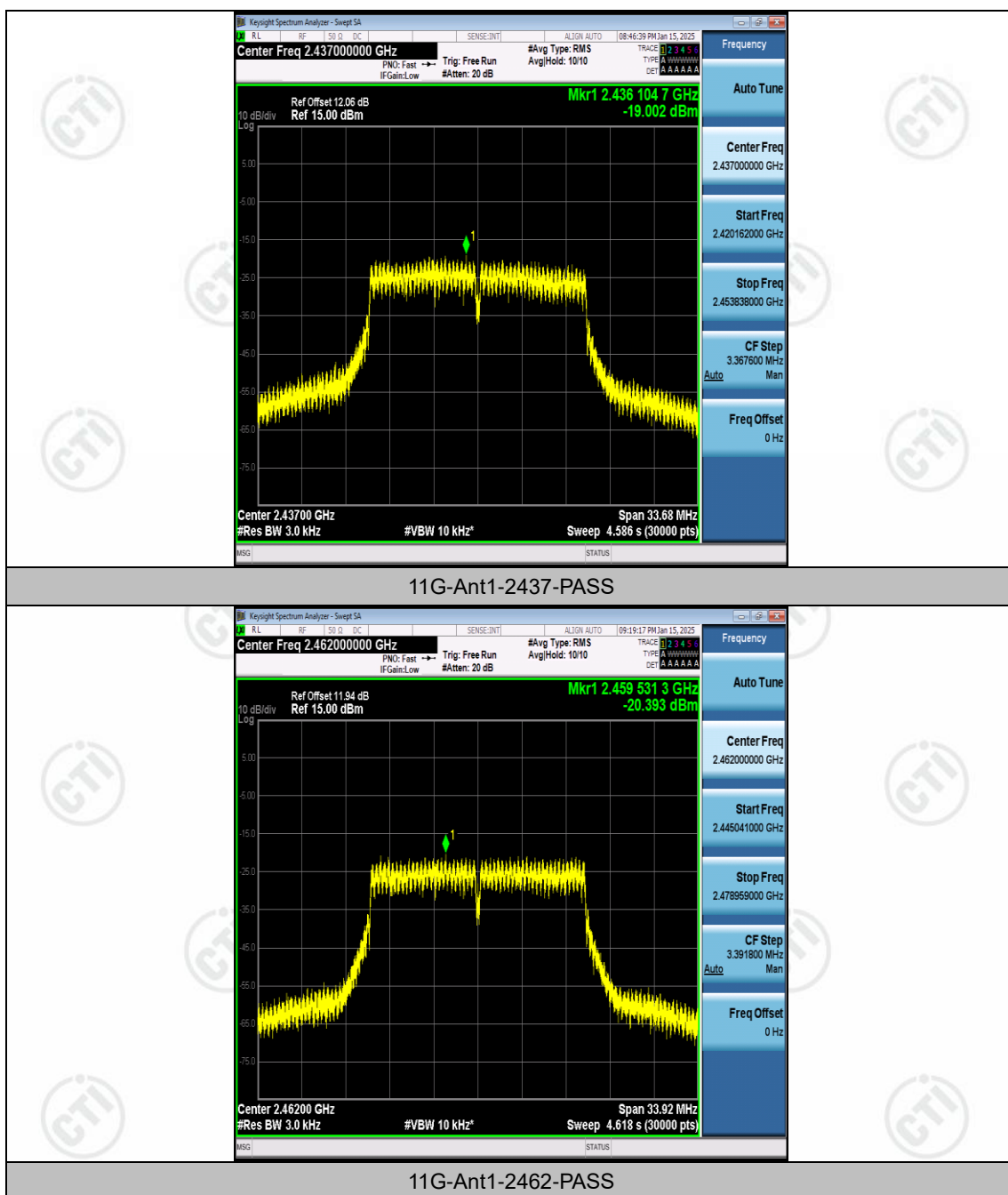
Test Result

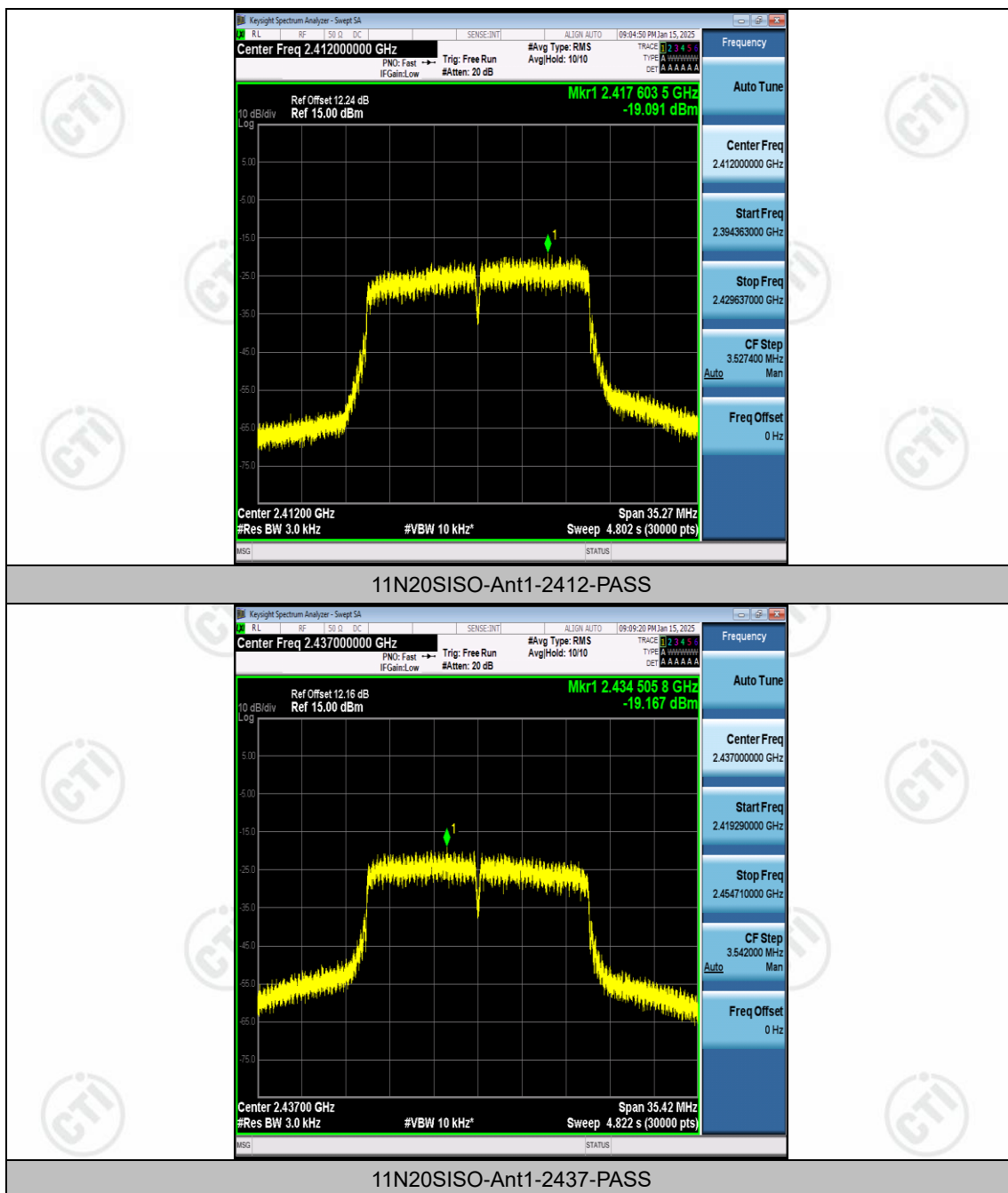
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.67	≤8.00	PASS
11B	Ant1	2437	-16.36	≤8.00	PASS
11B	Ant1	2462	-15.96	≤8.00	PASS
11G	Ant1	2412	-18.51	≤8.00	PASS
11G	Ant1	2437	-19.00	≤8.00	PASS
11G	Ant1	2462	-20.39	≤8.00	PASS
11N20SISO	Ant1	2412	-19.09	≤8.00	PASS
11N20SISO	Ant1	2437	-19.17	≤8.00	PASS
11N20SISO	Ant1	2462	-21.23	≤8.00	PASS
11N40SISO	Ant1	2422	-22.81	≤8.00	PASS
11N40SISO	Ant1	2437	-23.70	≤8.00	PASS
11N40SISO	Ant1	2452	-24.06	≤8.00	PASS

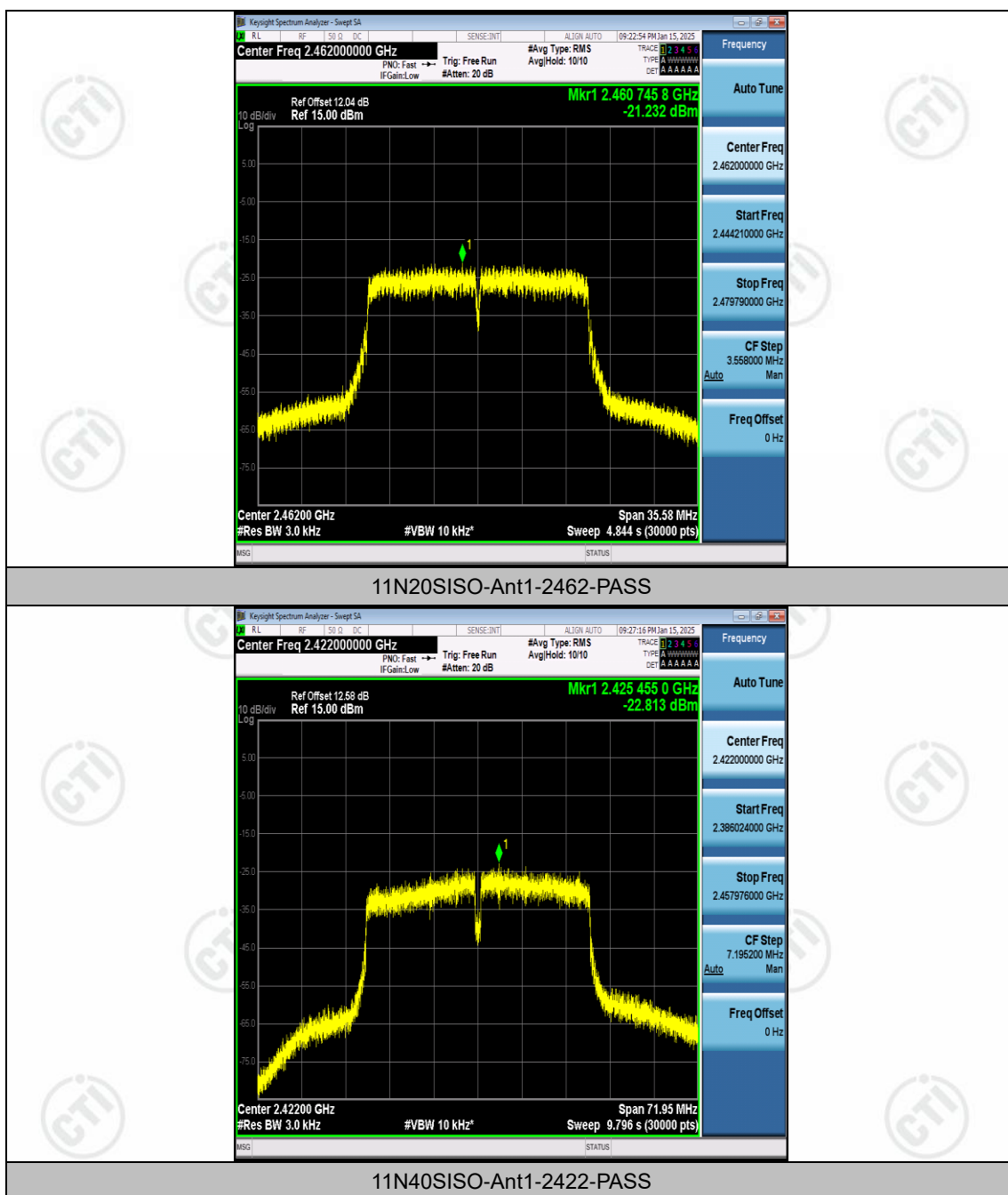
Test Graphs

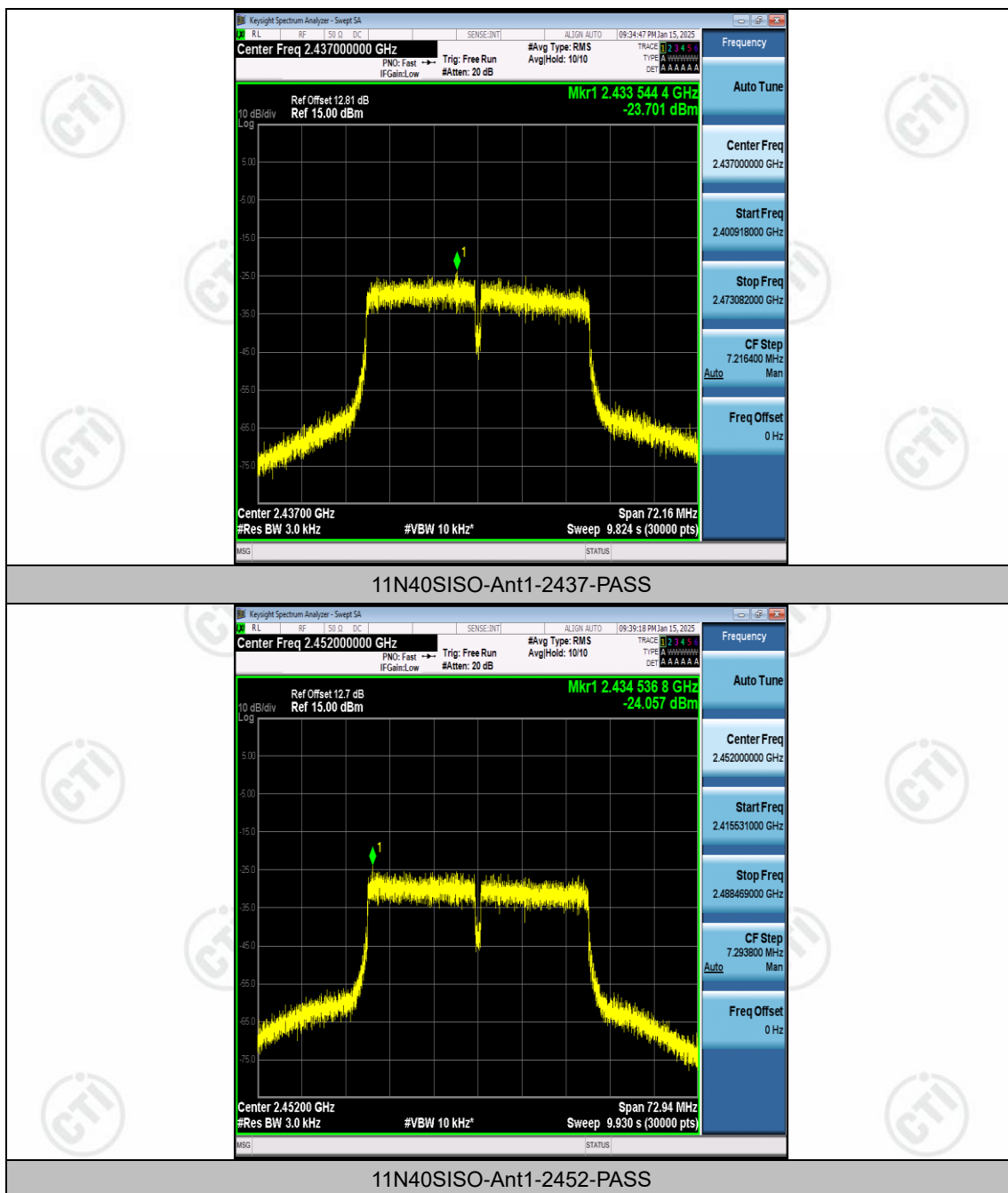












Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.38	-41.38	≤-26.62	PASS
11B	Ant1	High	2462	4.10	-47.83	≤-25.9	PASS
11G	Ant1	Low	2412	1.27	-33.2	≤-28.73	PASS
11G	Ant1	High	2462	0.17	-44.89	≤-29.83	PASS
11N20SISO	Ant1	Low	2412	1.59	-31.49	≤-28.41	PASS
11N20SISO	Ant1	High	2462	-0.34	-43.92	≤-30.34	PASS
11N40SISO	Ant1	Low	2422	-1.94	-33.78	≤-31.94	PASS
11N40SISO	Ant1	High	2452	-3.76	-39.5	≤-33.76	PASS

Test Graphs

