

Appendix: 2.4G Wi-Fi

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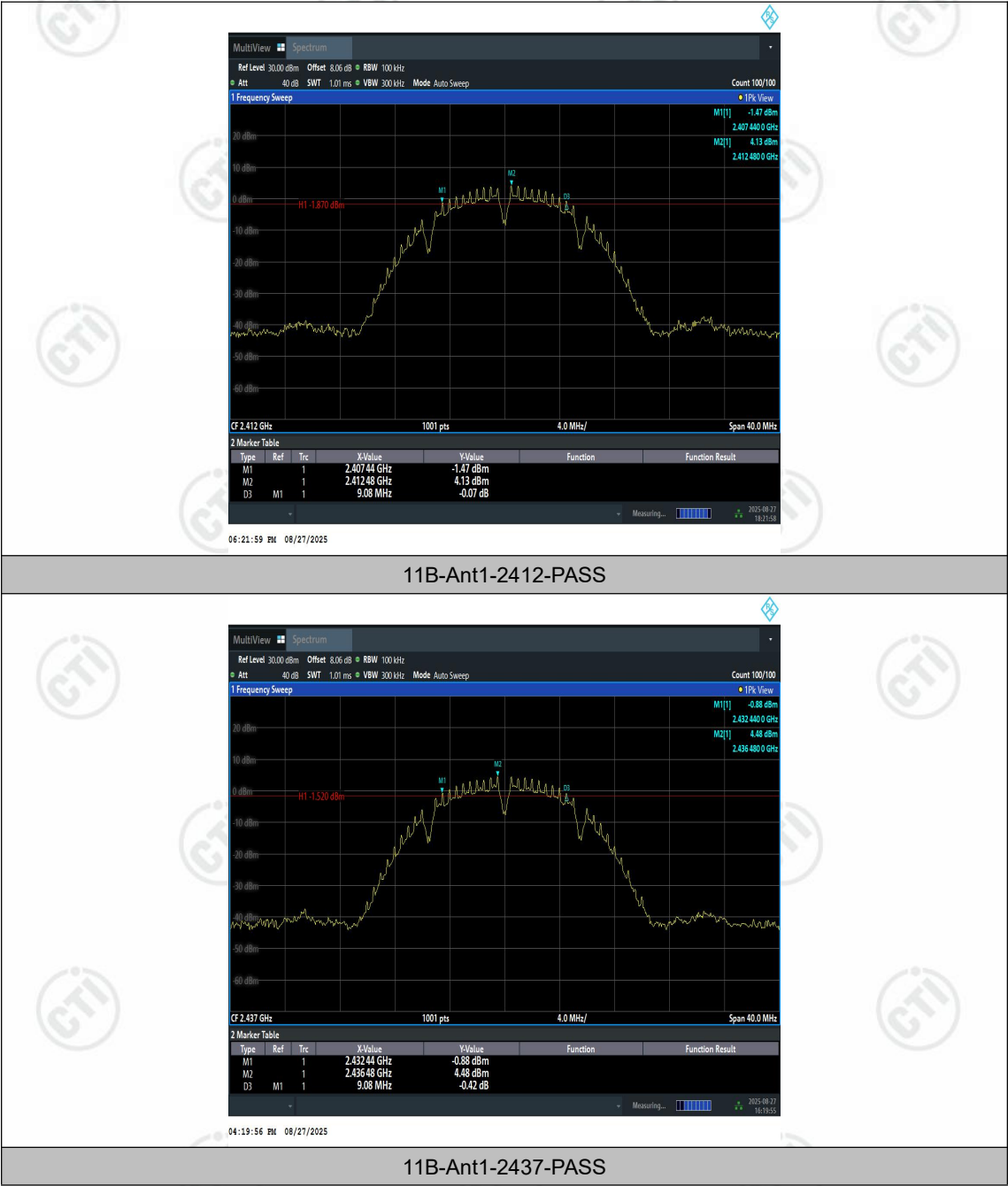
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Appendix A: DTS Bandwidth

Test Result

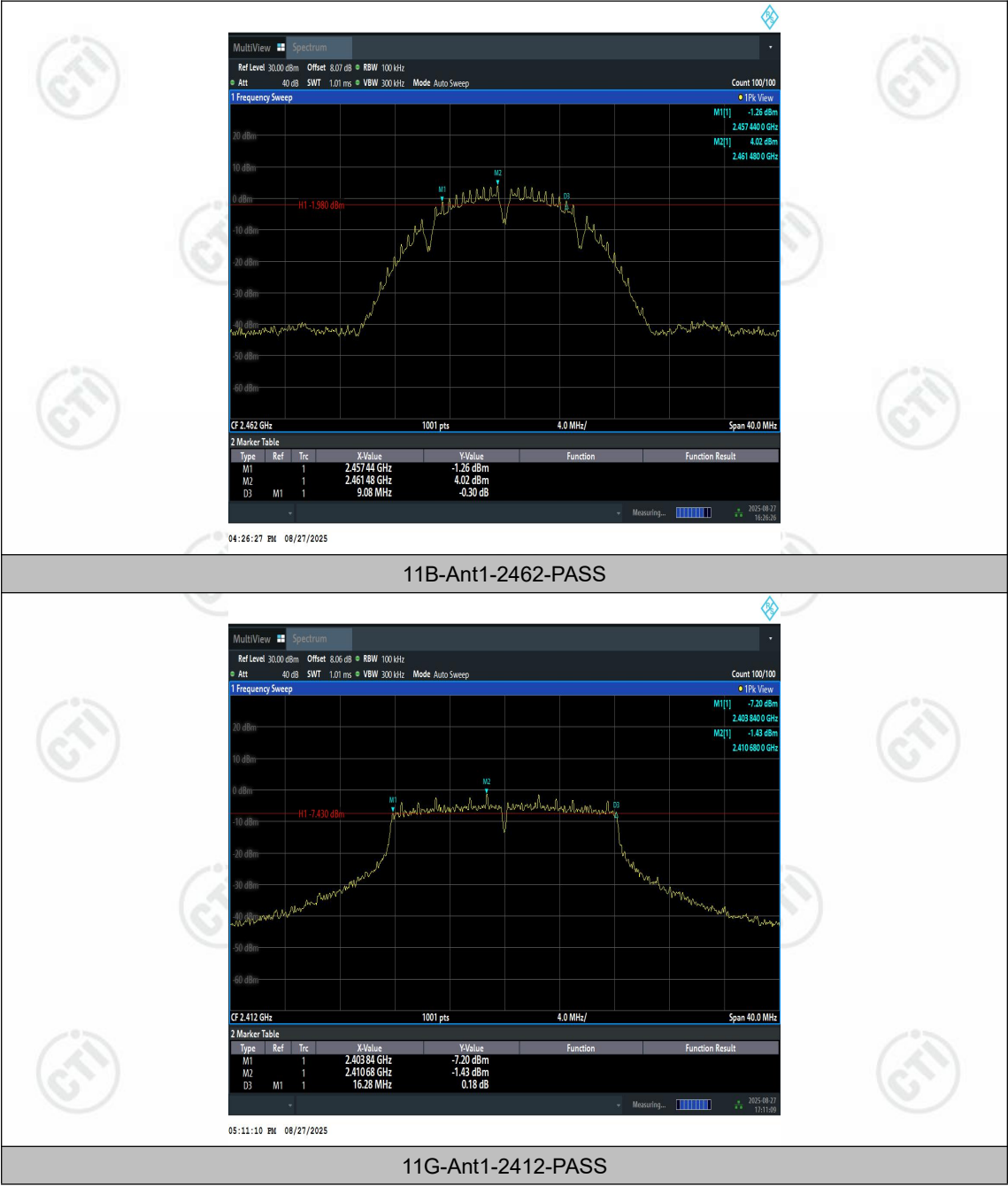
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.08	2407.44	2416.52	0.5	PASS
11B	Ant1	2437	9.08	2432.44	2441.52	0.5	PASS
11B	Ant1	2462	9.08	2457.44	2466.52	0.5	PASS
11G	Ant1	2412	16.28	2403.84	2420.12	0.5	PASS
11G	Ant1	2437	16.28	2428.84	2445.12	0.5	PASS
11G	Ant1	2462	16.32	2453.80	2470.12	0.5	PASS
11N20SISO	Ant1	2412	16.68	2404.08	2420.76	0.5	PASS
11N20SISO	Ant1	2437	16.92	2428.56	2445.48	0.5	PASS
11N20SISO	Ant1	2462	16.80	2453.56	2470.36	0.5	PASS
11N40SISO	Ant1	2422	35.12	2404.40	2439.52	0.5	PASS
11N40SISO	Ant1	2437	35.52	2419.40	2454.92	0.5	PASS
11N40SISO	Ant1	2452	35.20	2434.40	2469.60	0.5	PASS

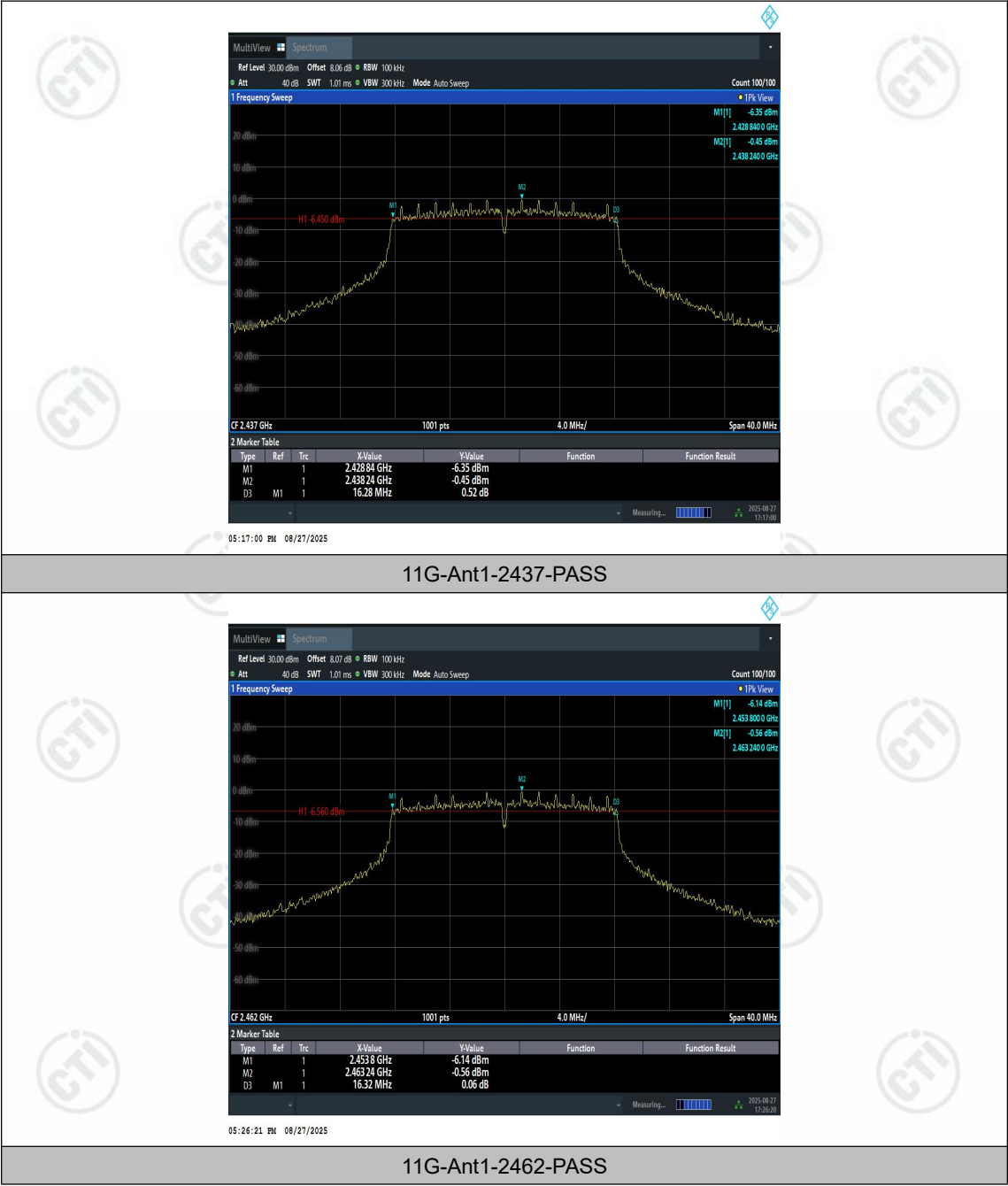
Test Graphs

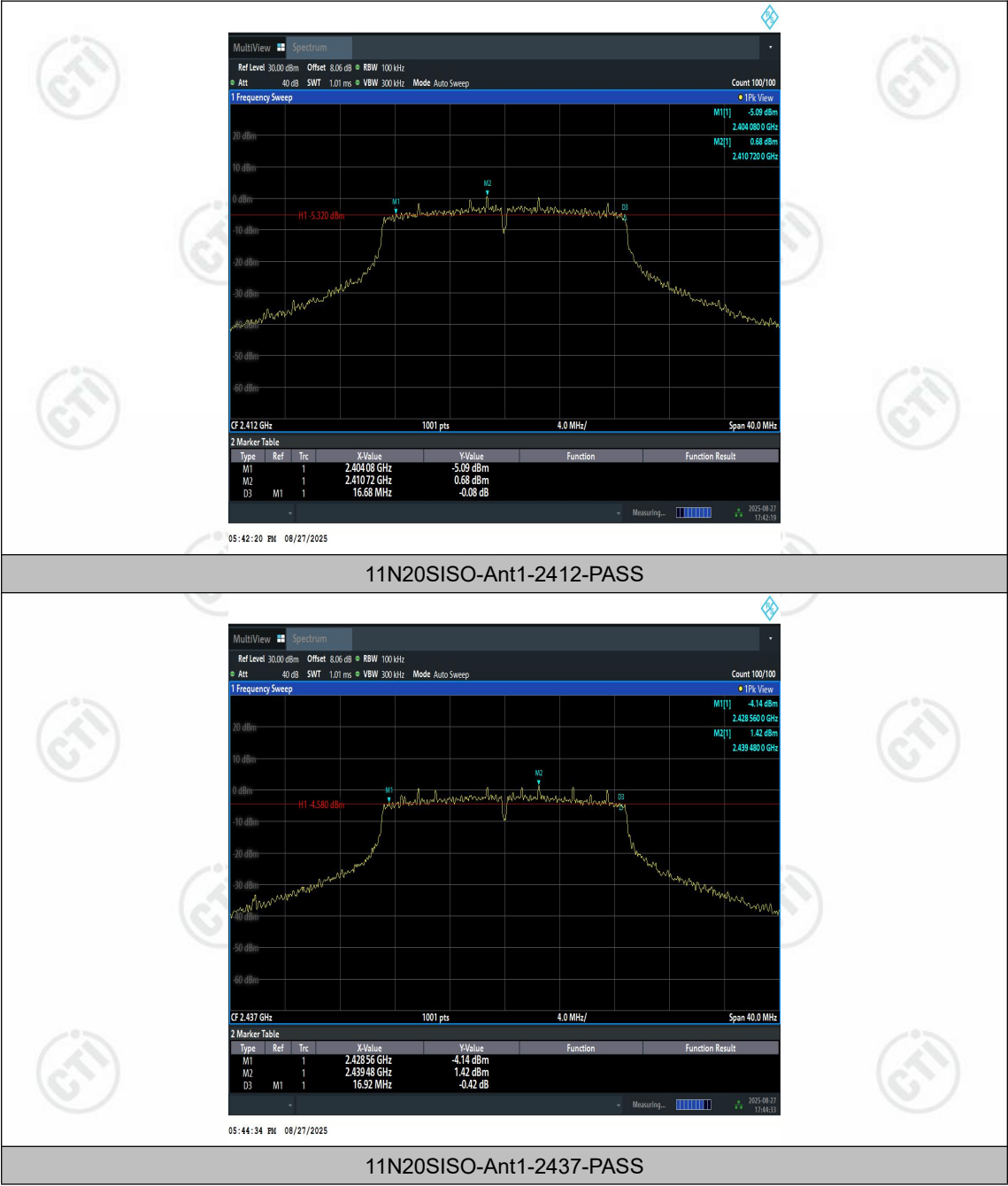


11B-Ant1-2412-PASS

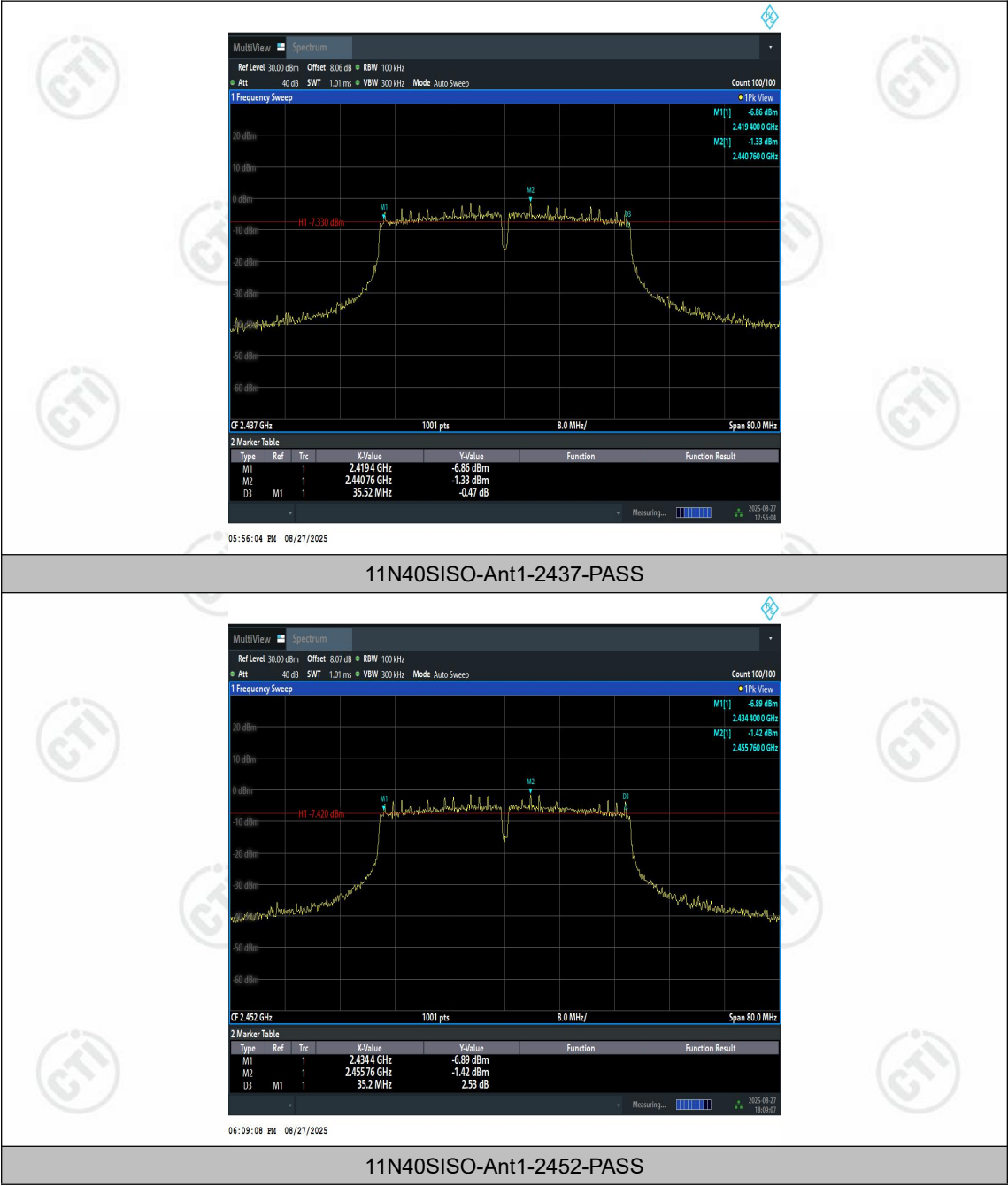
11B-Ant1-2437-PASS









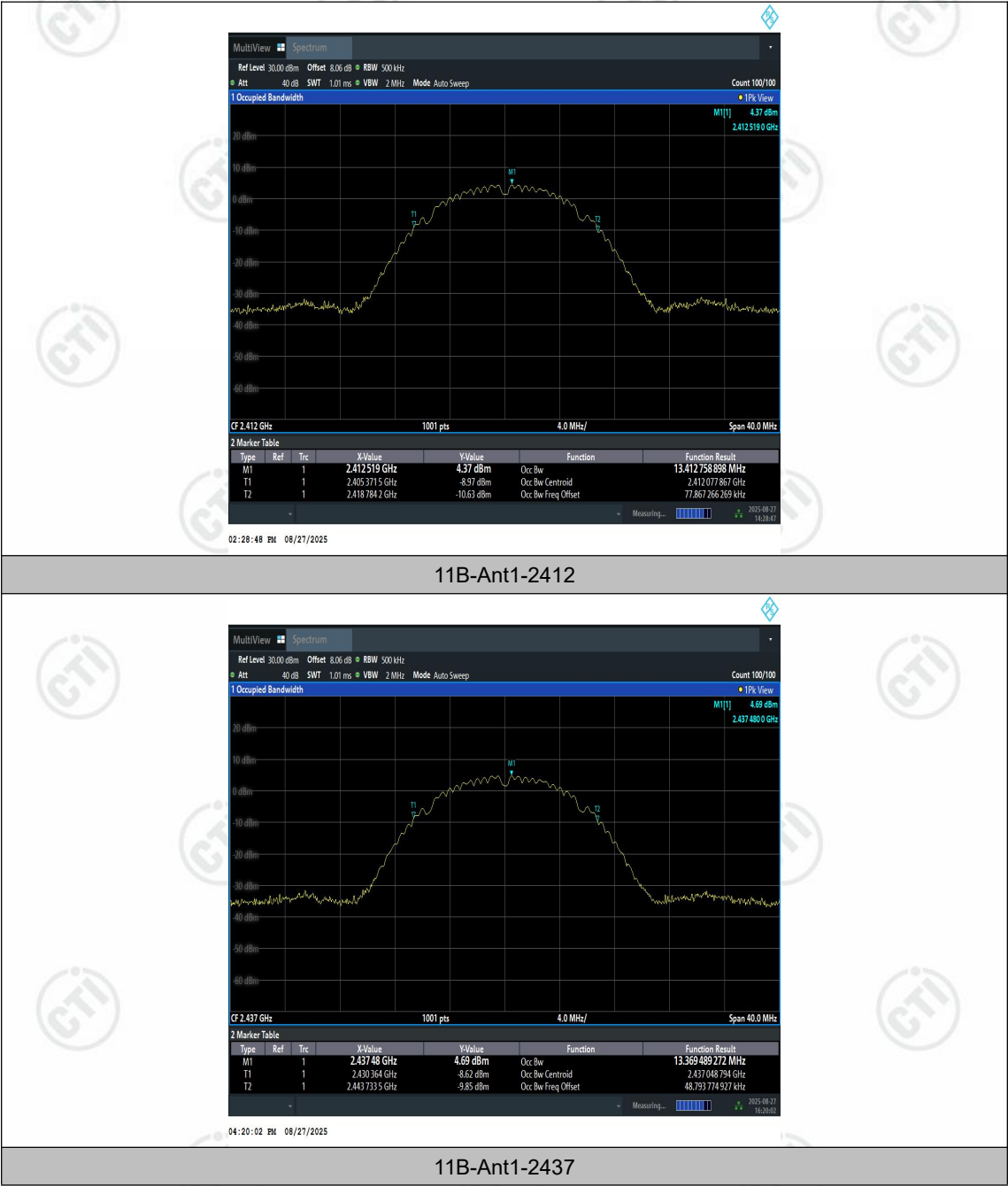


Appendix B: Occupied Channel Bandwidth

Test Result

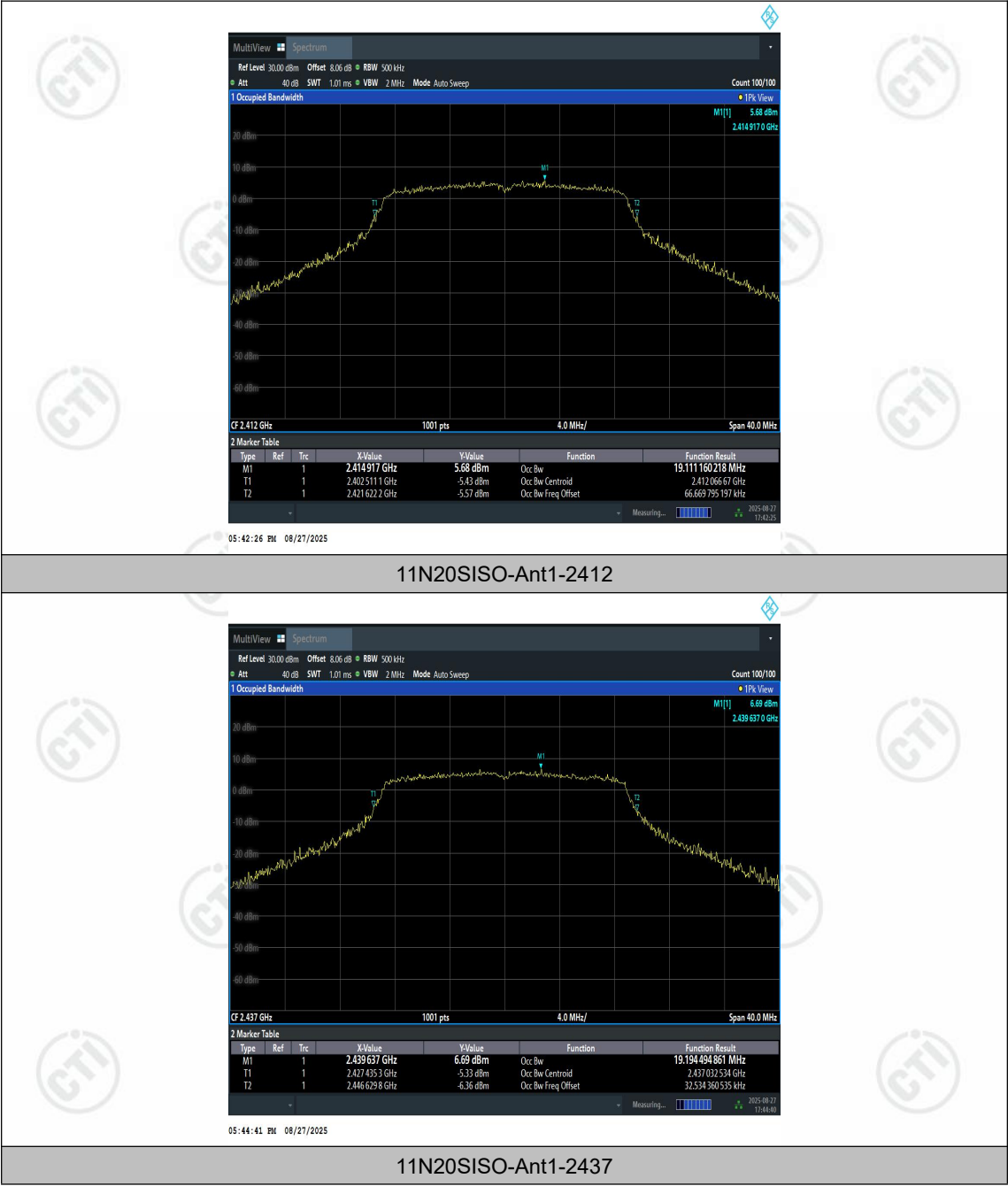
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.413	2405.3715	2418.7842	---	---
11B	Ant1	2437	13.369	2430.3640	2443.7335	---	---
11B	Ant1	2462	13.352	2455.3845	2468.7366	---	---
11G	Ant1	2412	17.998	2402.9483	2420.9466	---	---
11G	Ant1	2437	18.023	2427.9381	2445.9606	---	---
11G	Ant1	2462	17.984	2452.9718	2470.9557	---	---
11N20SISO	Ant1	2412	19.111	2402.5111	2421.6222	---	---
11N20SISO	Ant1	2437	19.194	2427.4353	2446.6298	---	---
11N20SISO	Ant1	2462	19.191	2452.4306	2471.6220	---	---
11N40SISO	Ant1	2422	37.257	2403.4849	2440.7423	---	---
11N40SISO	Ant1	2437	37.397	2418.3505	2455.7477	---	---
11N40SISO	Ant1	2452	37.398	2433.3186	2470.7162	---	---

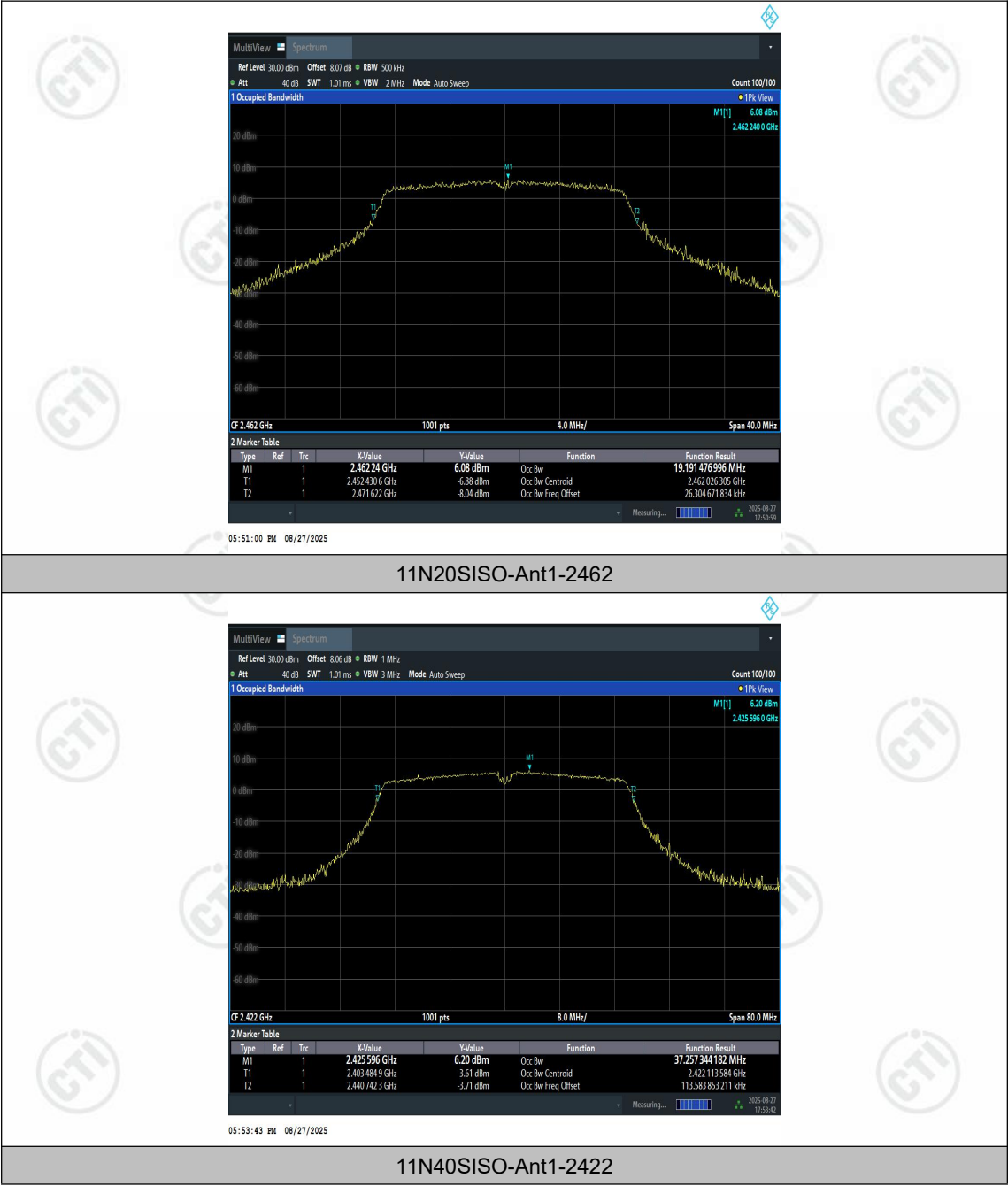
Test Graphs

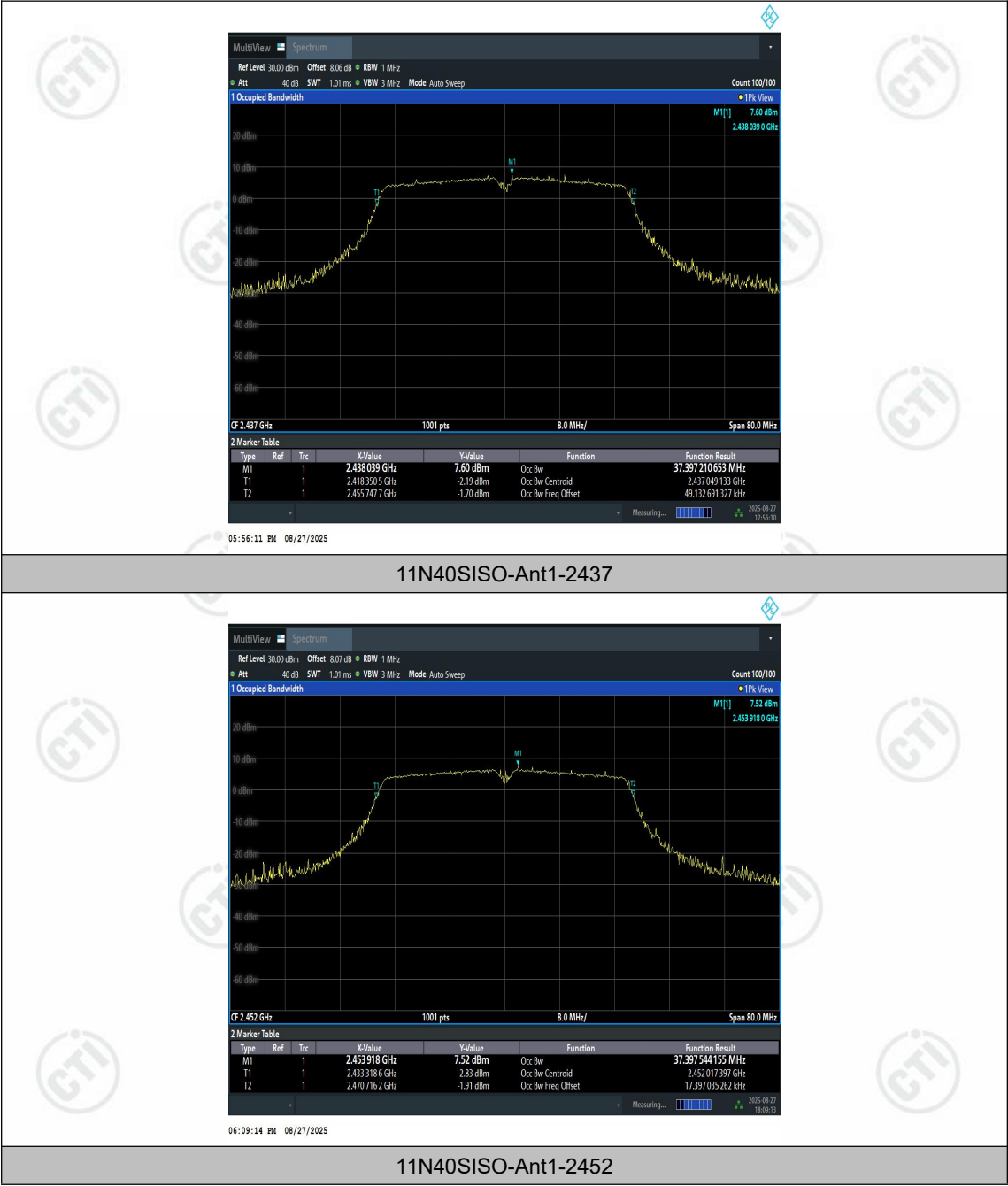












Appendix C: Maximum conducted output power

Test Result Peak

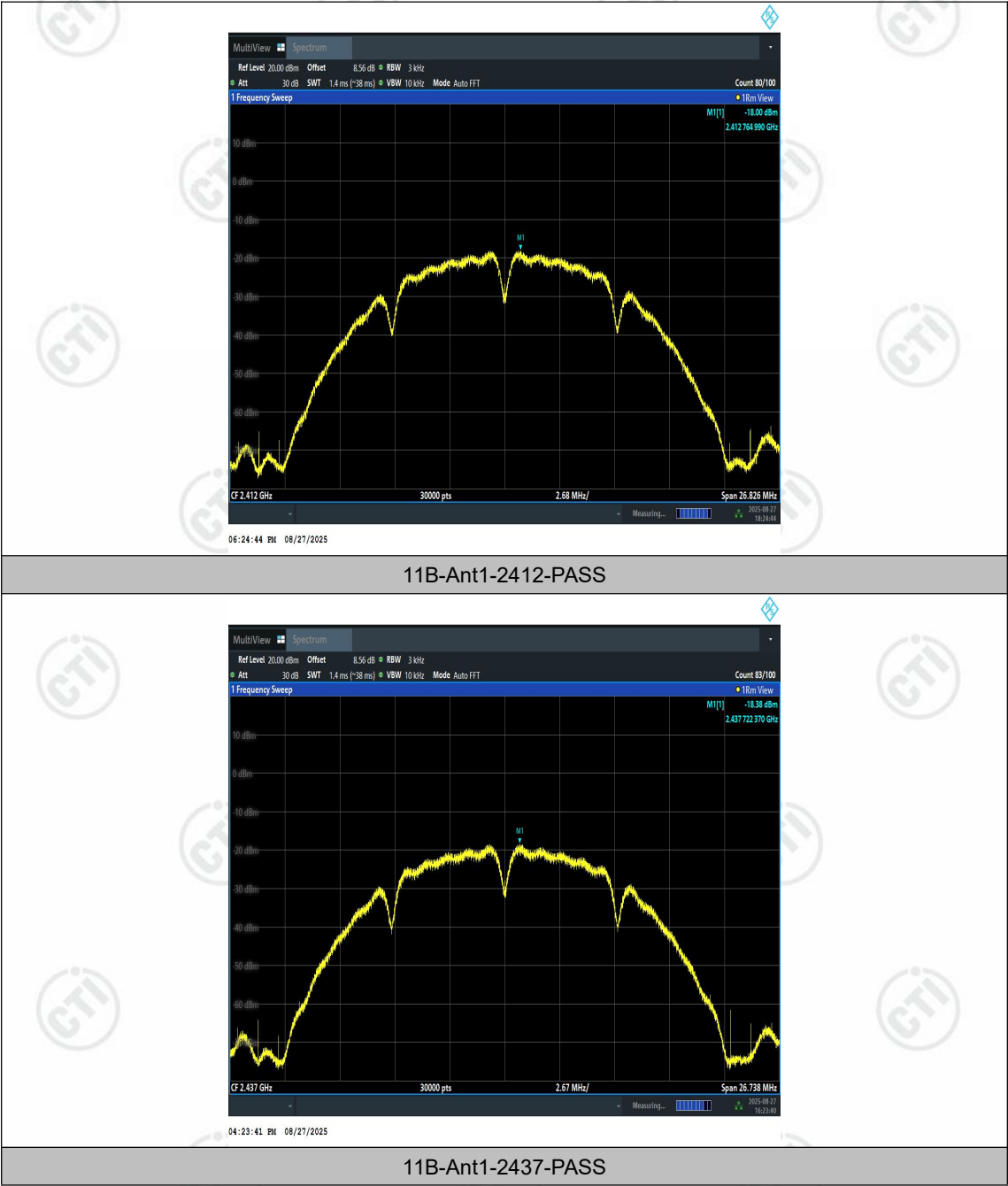
TestMode	Antenna	Frequen cy[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	13.77	≤30.00	17.73	≤36.00	PASS
11B	Ant1	2437	13.34	≤30.00	17.30	≤36.00	PASS
11B	Ant1	2462	13.12	≤30.00	17.08	≤36.00	PASS
11G	Ant1	2412	10.28	≤30.00	14.24	≤36.00	PASS
11G	Ant1	2437	10.90	≤30.00	14.86	≤36.00	PASS
11G	Ant1	2462	10.42	≤30.00	14.38	≤36.00	PASS
11N20SISO	Ant1	2412	11.71	≤30.00	15.67	≤36.00	PASS
11N20SISO	Ant1	2437	11.47	≤30.00	15.43	≤36.00	PASS
11N20SISO	Ant1	2462	11.39	≤30.00	15.35	≤36.00	PASS
11N40SISO	Ant1	2422	11.87	≤30.00	15.83	≤36.00	PASS
11N40SISO	Ant1	2437	11.32	≤30.00	15.28	≤36.00	PASS
11N40SISO	Ant1	2452	11.46	≤30.00	15.42	≤36.00	PASS

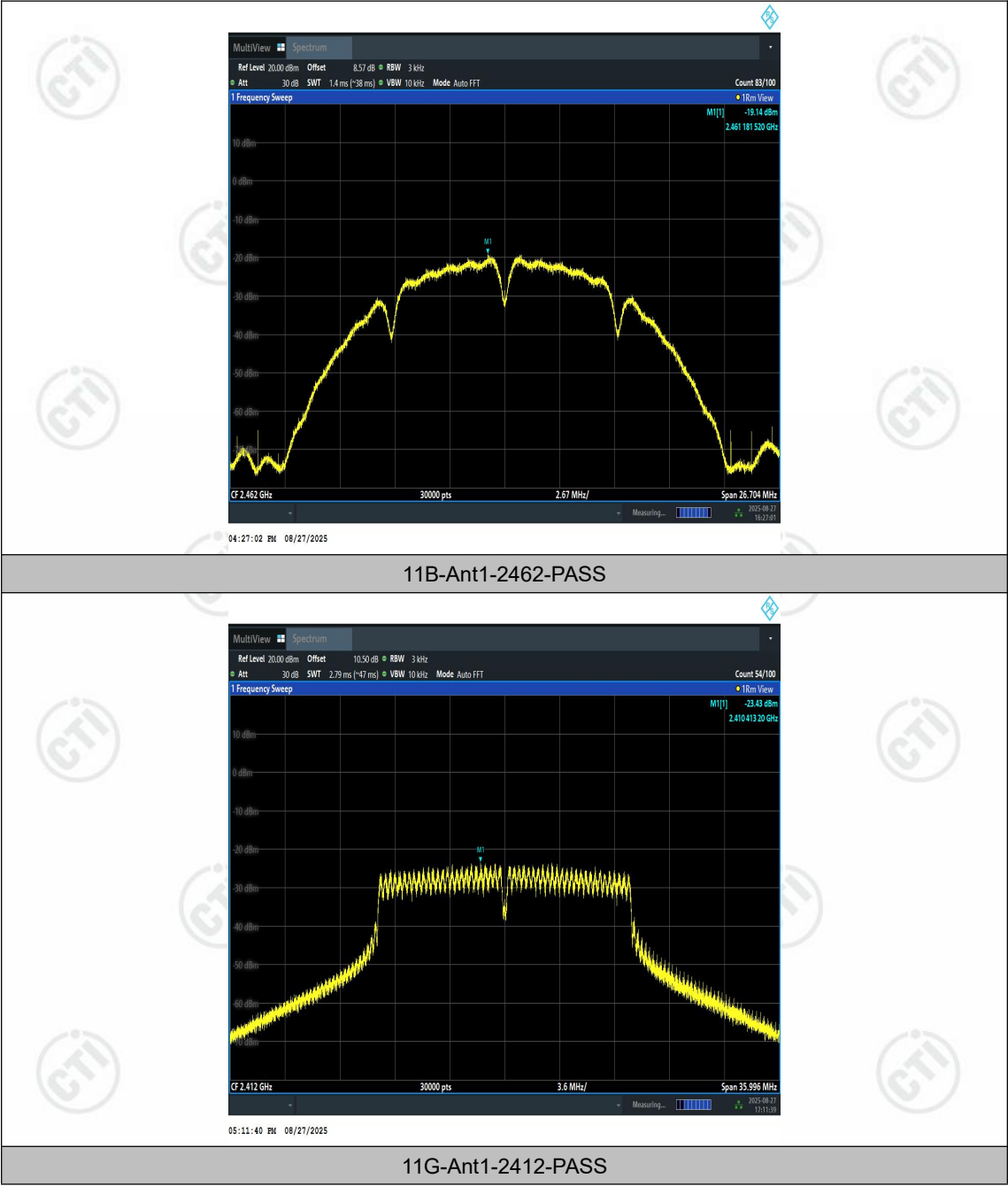
Appendix D: Maximum power spectral density

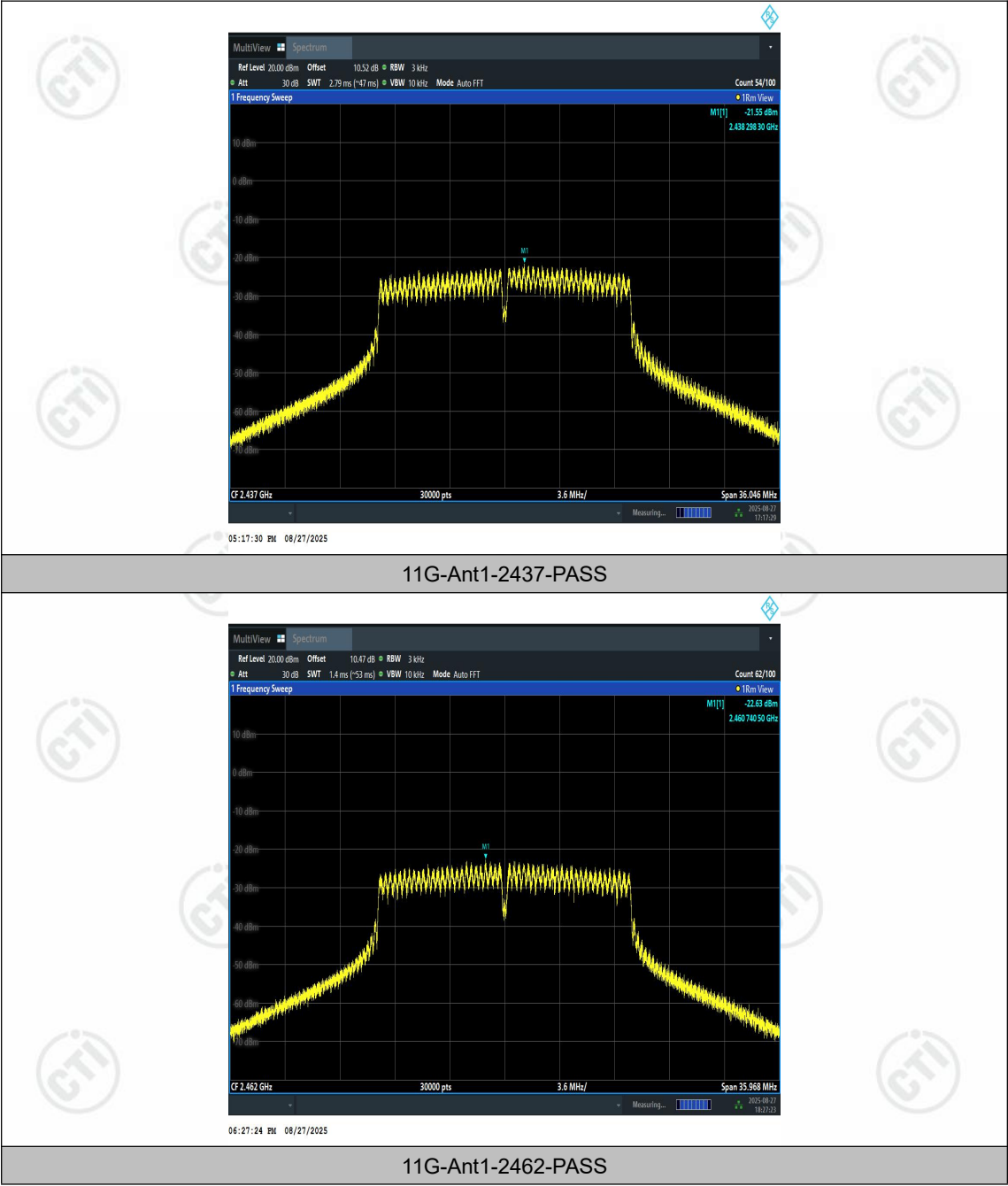
Test Result

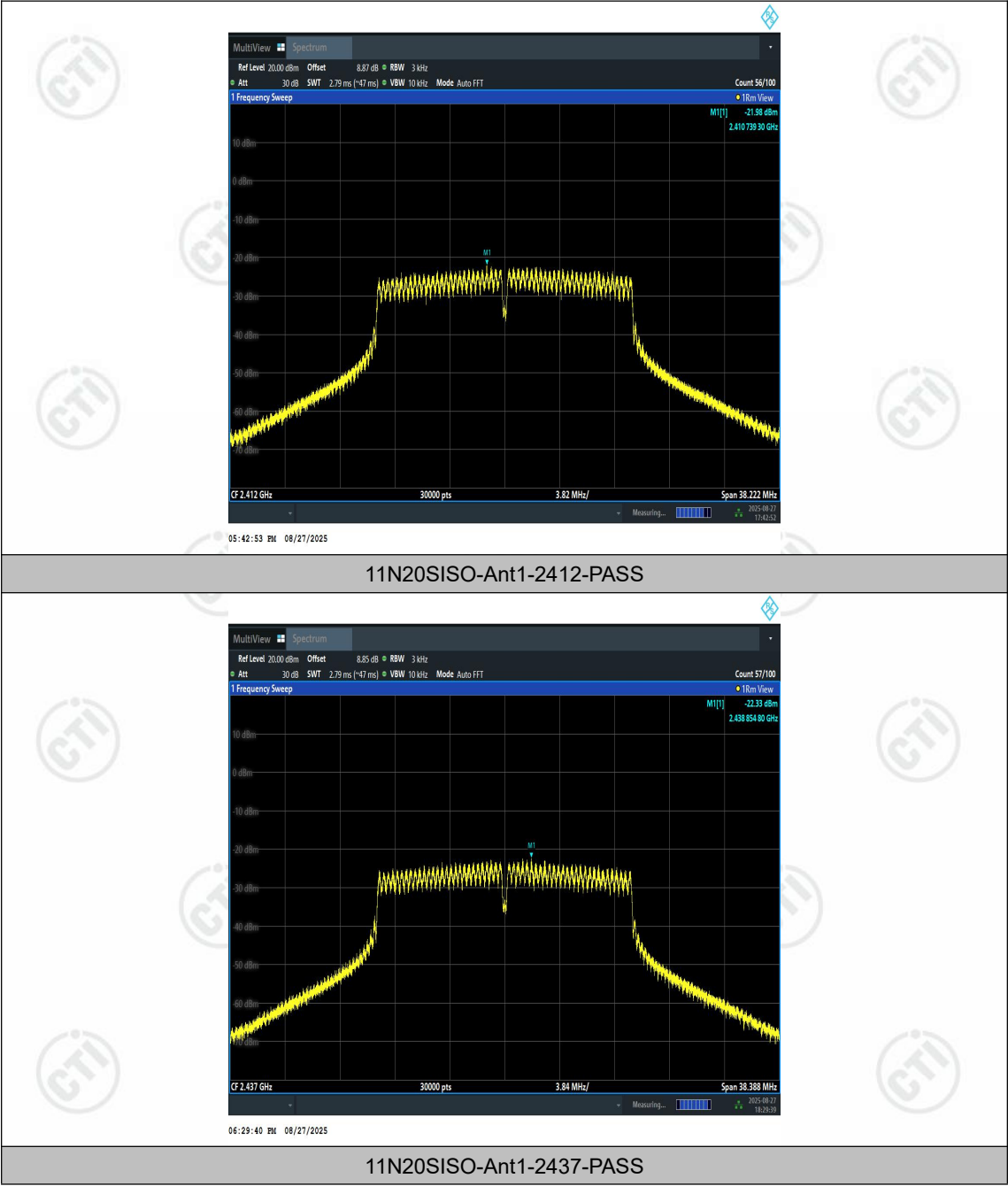
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.00	≤8.00	PASS
11B	Ant1	2437	-18.38	≤8.00	PASS
11B	Ant1	2462	-19.14	≤8.00	PASS
11G	Ant1	2412	-23.43	≤8.00	PASS
11G	Ant1	2437	-21.55	≤8.00	PASS
11G	Ant1	2462	-22.63	≤8.00	PASS
11N20SISO	Ant1	2412	-21.98	≤8.00	PASS
11N20SISO	Ant1	2437	-22.33	≤8.00	PASS
11N20SISO	Ant1	2462	-21.54	≤8.00	PASS
11N40SISO	Ant1	2422	-23.62	≤8.00	PASS
11N40SISO	Ant1	2437	-24.36	≤8.00	PASS
11N40SISO	Ant1	2452	-24.58	≤8.00	PASS

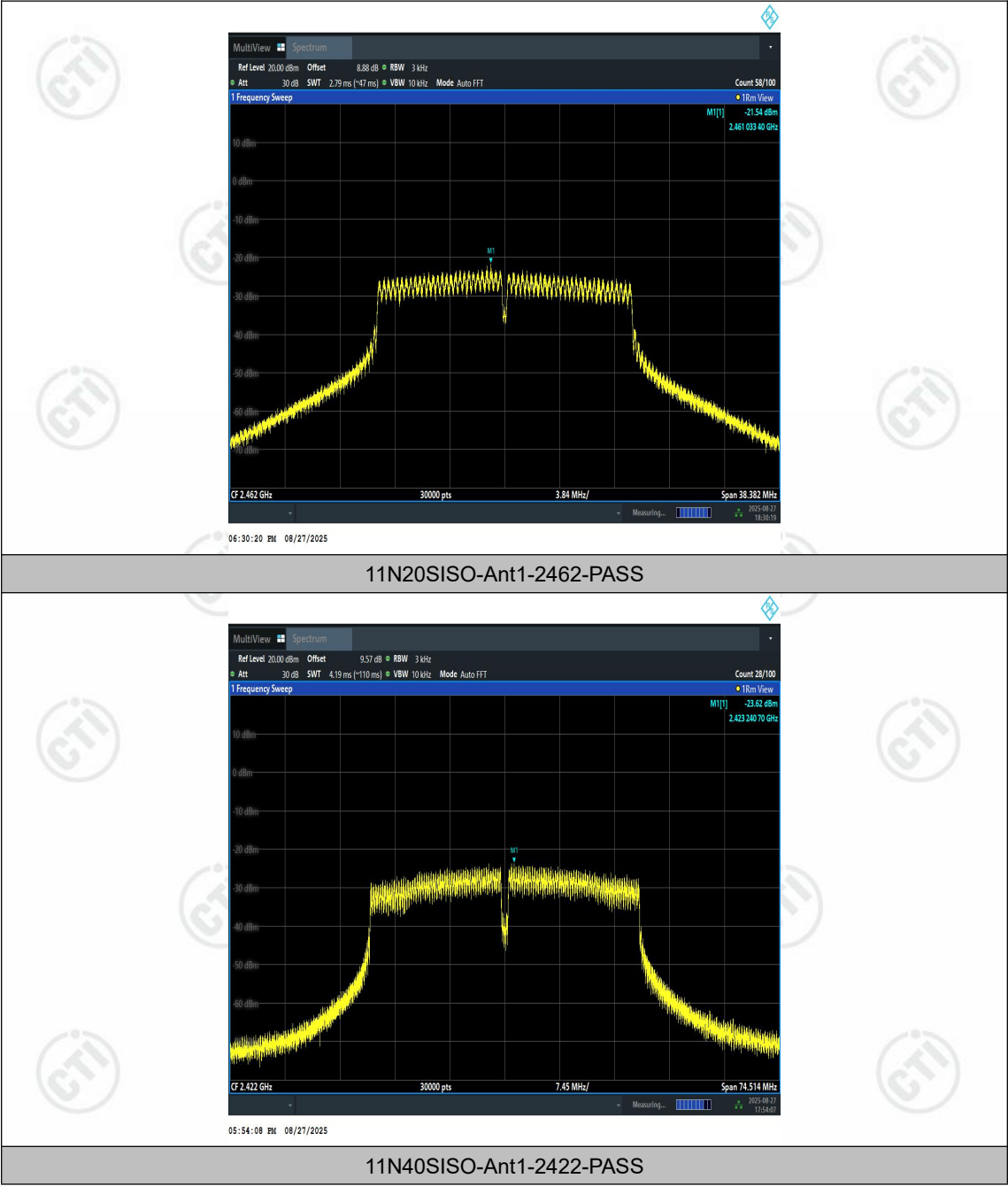
Test Graphs

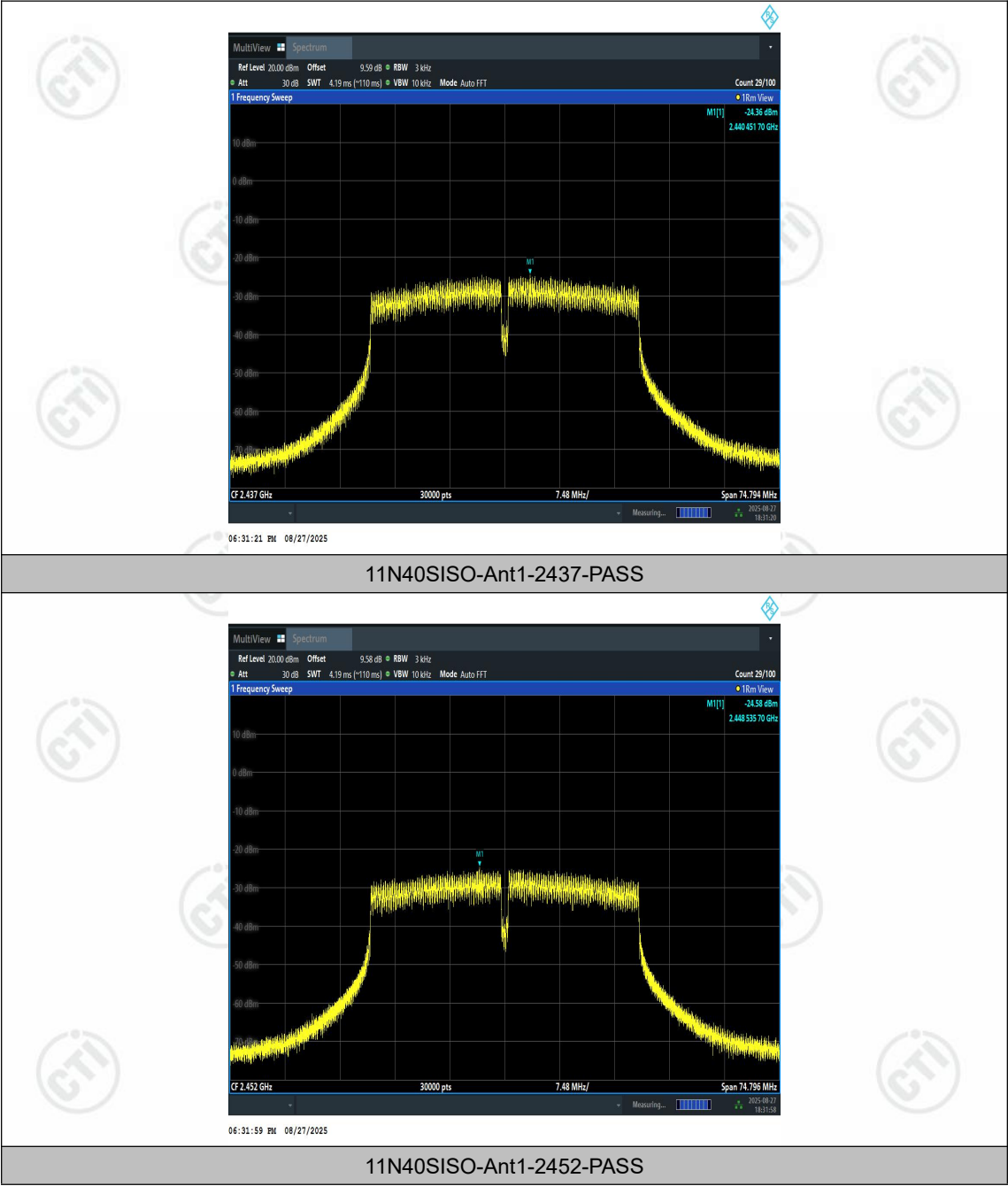












Appendix F: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.92	-40.28	≤-16.08	PASS
11B	Ant1	High	2462	4.05	-49.1	≤-15.95	PASS
11G	Ant1	Low	2412	-1.54	-32.42	≤-21.54	PASS
11G	Ant1	High	2462	-0.49	-46.81	≤-20.49	PASS
11N20SISO	Ant1	Low	2412	0.33	-28.07	≤-19.67	PASS
11N20SISO	Ant1	High	2462	1.20	-42.08	≤-18.8	PASS
11N40SISO	Ant1	Low	2422	-2.26	-34.28	≤-22.26	PASS
11N40SISO	Ant1	High	2452	-1.24	-37.84	≤-21.24	PASS