

Appendix:2.4G Wi-Fi

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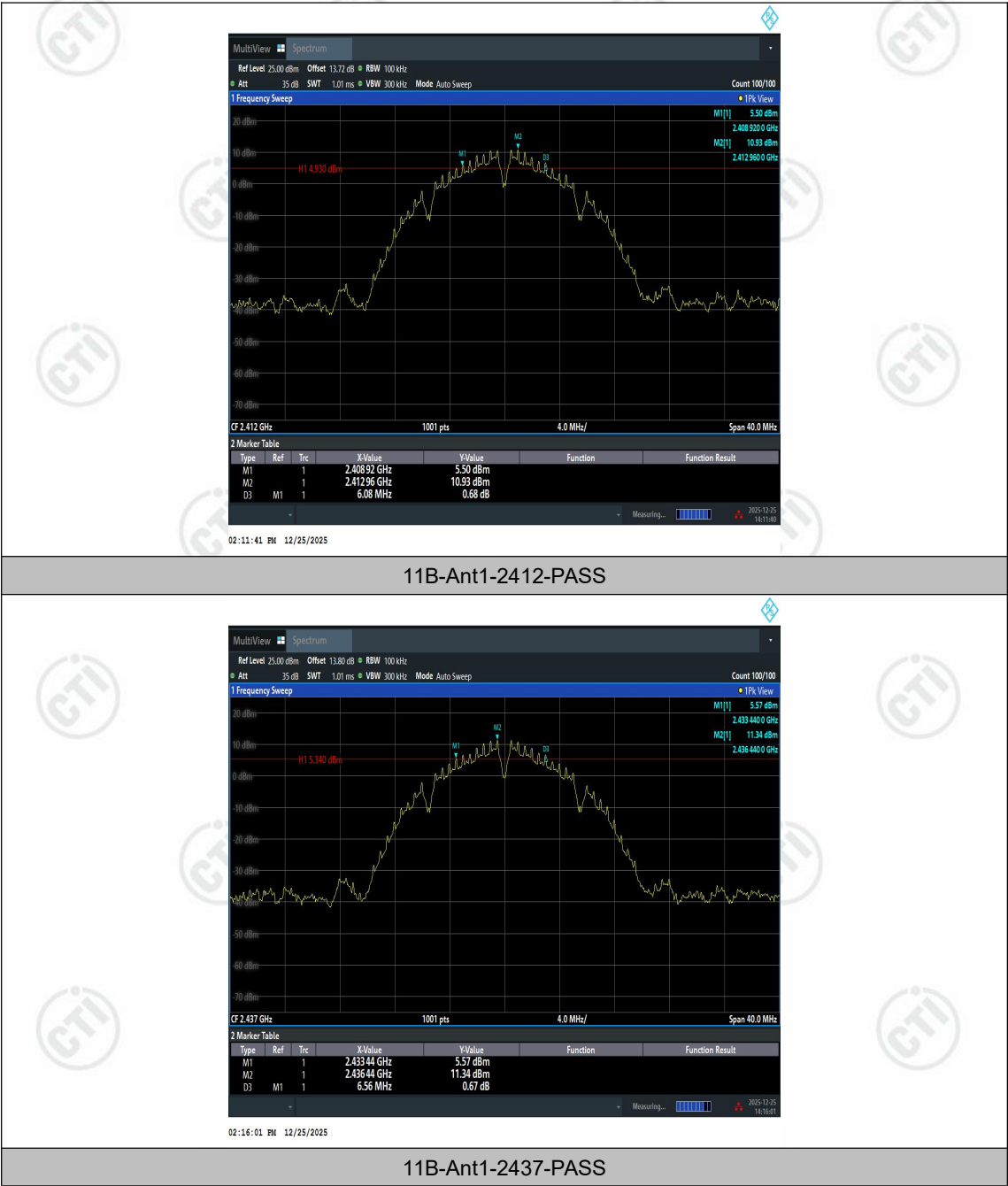
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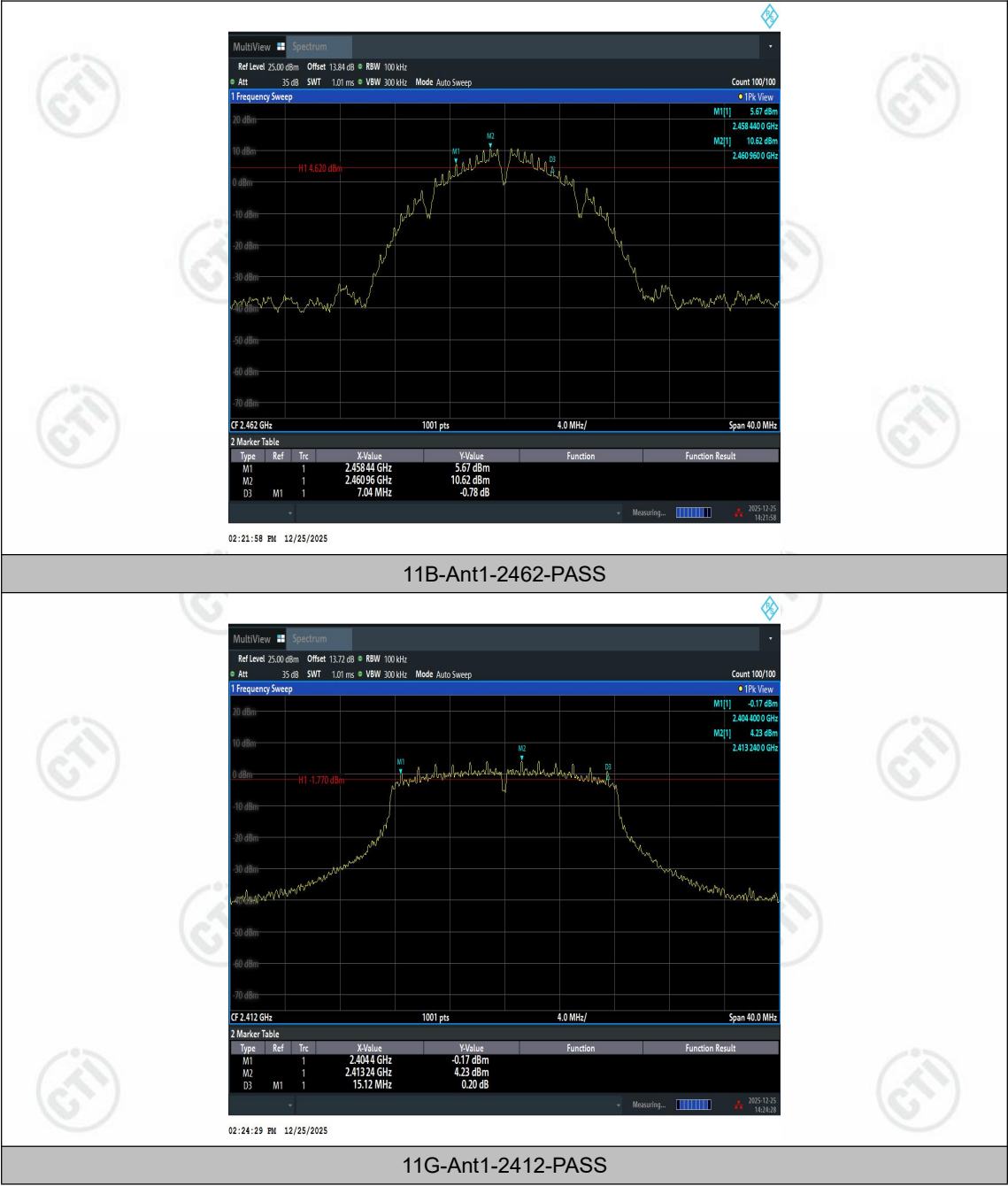
Appendix A: DTS Bandwidth

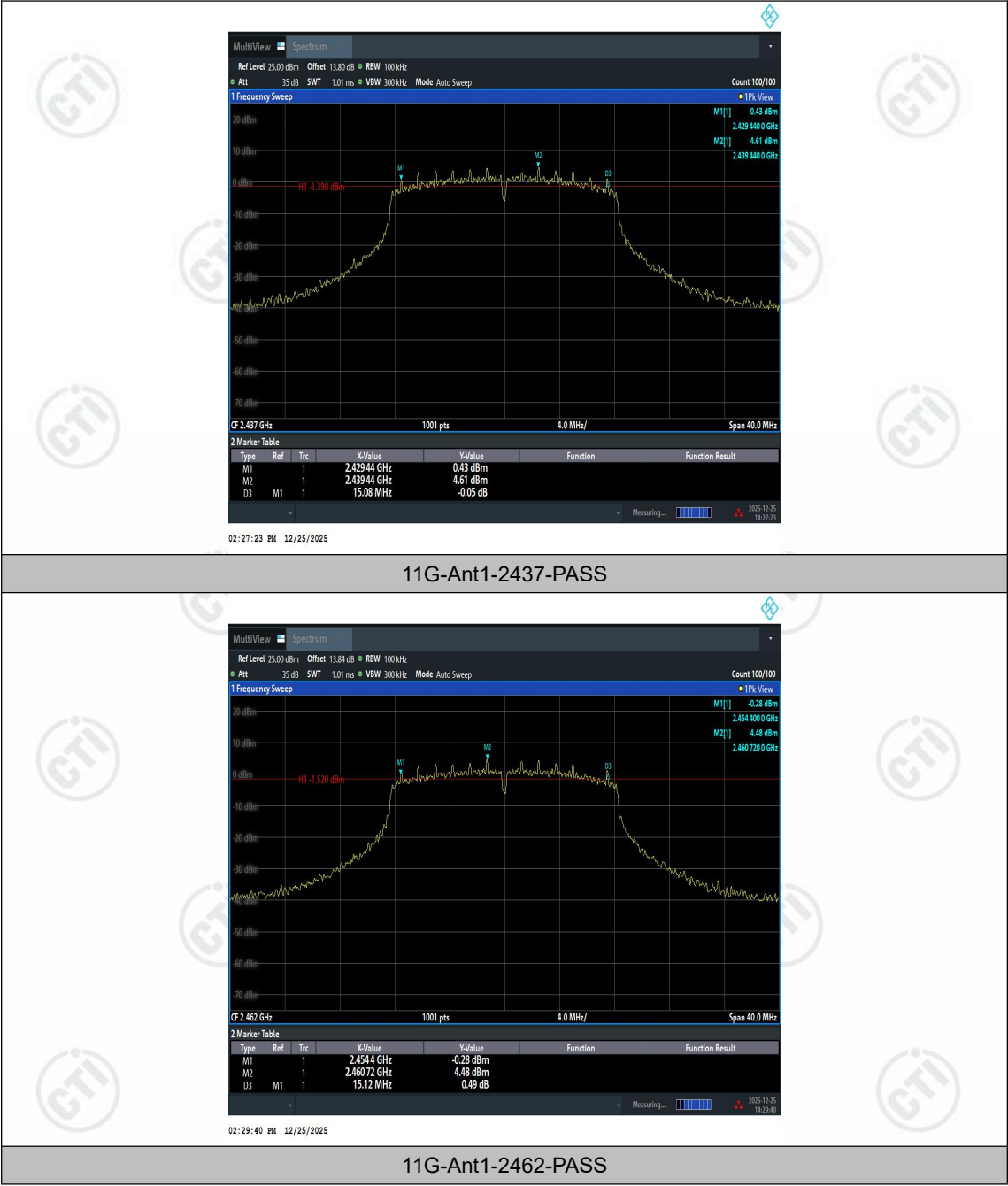
Test Result

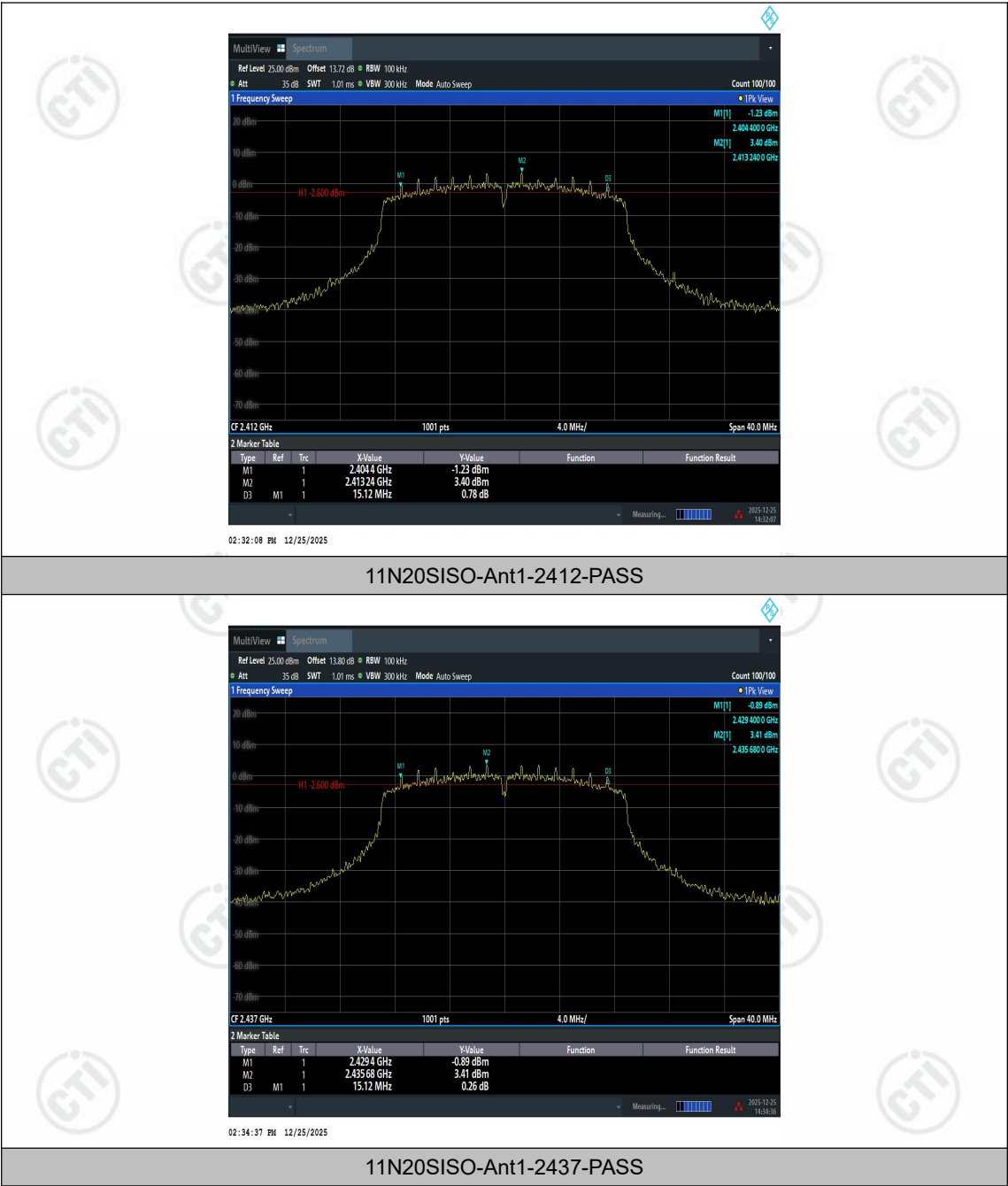
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	6.08	2408.92	2415.00	0.5	PASS
11B	Ant1	2437	6.56	2433.44	2440.00	0.5	PASS
11B	Ant1	2462	7.04	2458.44	2465.48	0.5	PASS
11G	Ant1	2412	15.12	2404.40	2419.52	0.5	PASS
11G	Ant1	2437	15.08	2429.44	2444.52	0.5	PASS
11G	Ant1	2462	15.12	2454.40	2469.52	0.5	PASS
11N20SISO	Ant1	2412	15.12	2404.40	2419.52	0.5	PASS
11N20SISO	Ant1	2437	15.12	2429.40	2444.52	0.5	PASS
11N20SISO	Ant1	2462	15.12	2454.40	2469.52	0.5	PASS

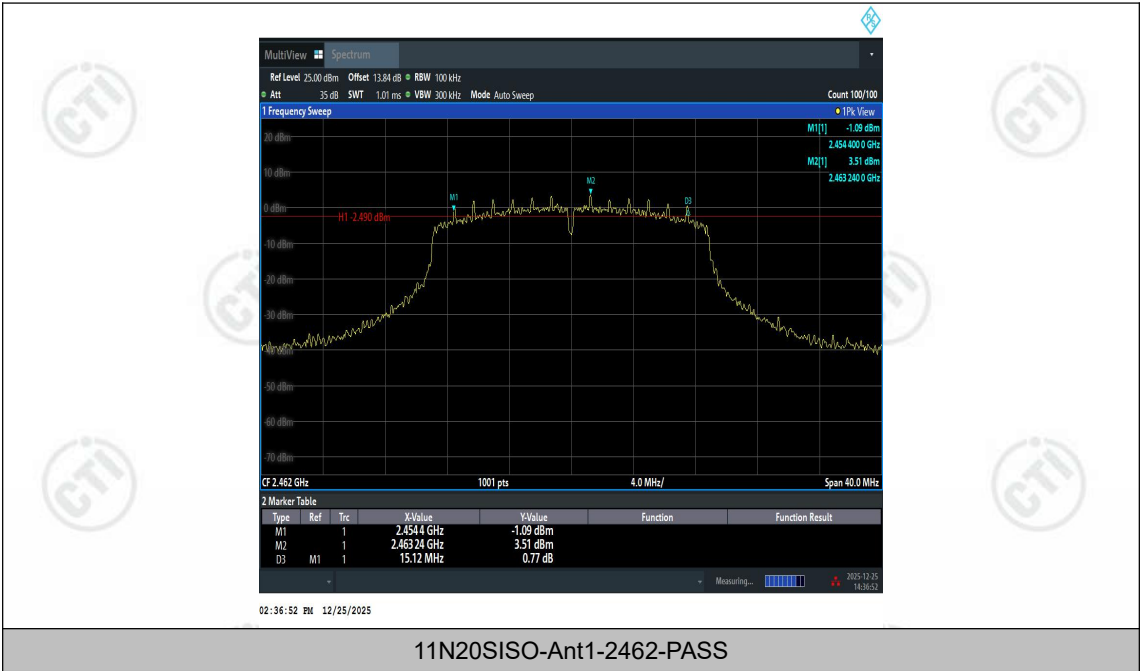
Test Graphs











Appendix B: Occupied Channel Bandwidth

Test Result

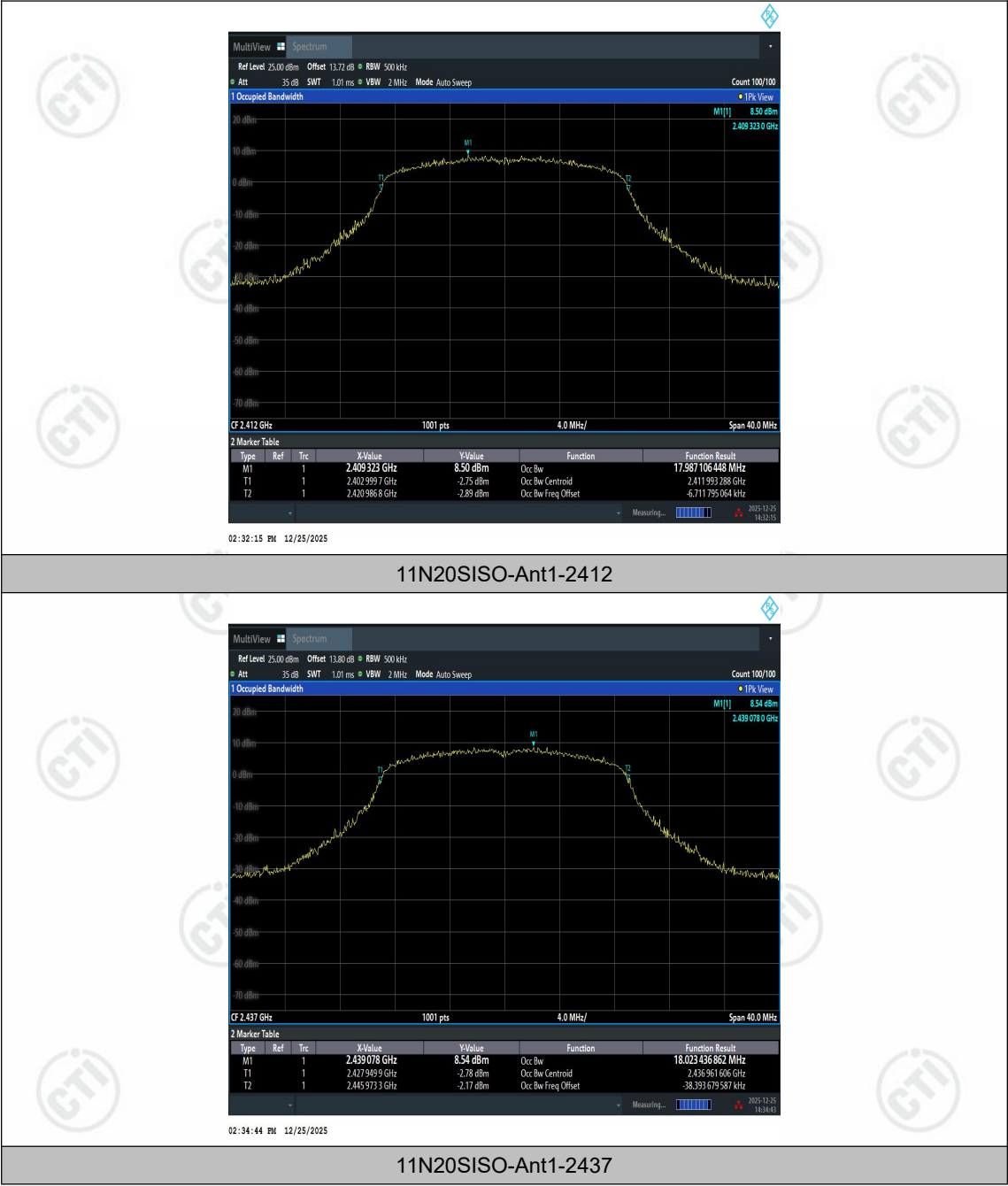
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	12.714	2405.6450	2418.3586	---	---
11B	Ant1	2437	12.676	2430.6397	2443.3154	---	---
11B	Ant1	2462	12.718	2455.6412	2468.3591	---	---
11G	Ant1	2412	16.998	2403.4721	2420.4697	---	---
11G	Ant1	2437	16.939	2428.5042	2445.4433	---	---
11G	Ant1	2462	16.965	2453.4973	2470.4627	---	---
11N20SISO	Ant1	2412	17.987	2402.9997	2420.9868	---	---
11N20SISO	Ant1	2437	18.023	2427.9499	2445.9733	---	---
11N20SISO	Ant1	2462	17.966	2453.0113	2470.9776	---	---

Test Graphs











Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequenc y[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	---	18.44	≤30.00	PASS
11B	Ant1	2437	---	18.34	≤30.00	PASS
11B	Ant1	2462	---	18.30	≤30.00	PASS
11G	Ant1	2412	---	15.57	≤30.00	PASS
11G	Ant1	2437	---	15.77	≤30.00	PASS
11G	Ant1	2462	---	15.70	≤30.00	PASS
11N20SISO	Ant1	2412	---	14.72	≤30.00	PASS
11N20SISO	Ant1	2437	---	14.73	≤30.00	PASS
11N20SISO	Ant1	2462	---	14.80	≤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	-10.37	≤8.00	PASS
11B	Ant1	2437	-10.21	≤8.00	PASS
11B	Ant1	2462	-10.63	≤8.00	PASS
11G	Ant1	2412	-16.75	≤8.00	PASS
11G	Ant1	2437	-16.59	≤8.00	PASS
11G	Ant1	2462	-16.38	≤8.00	PASS
11N20SISO	Ant1	2412	-18.25	≤8.00	PASS
11N20SISO	Ant1	2437	-17.34	≤8.00	PASS
11N20SISO	Ant1	2462	-17.54	≤8.00	PASS