

Appendix: 2.4G Wi-Fi

Contents

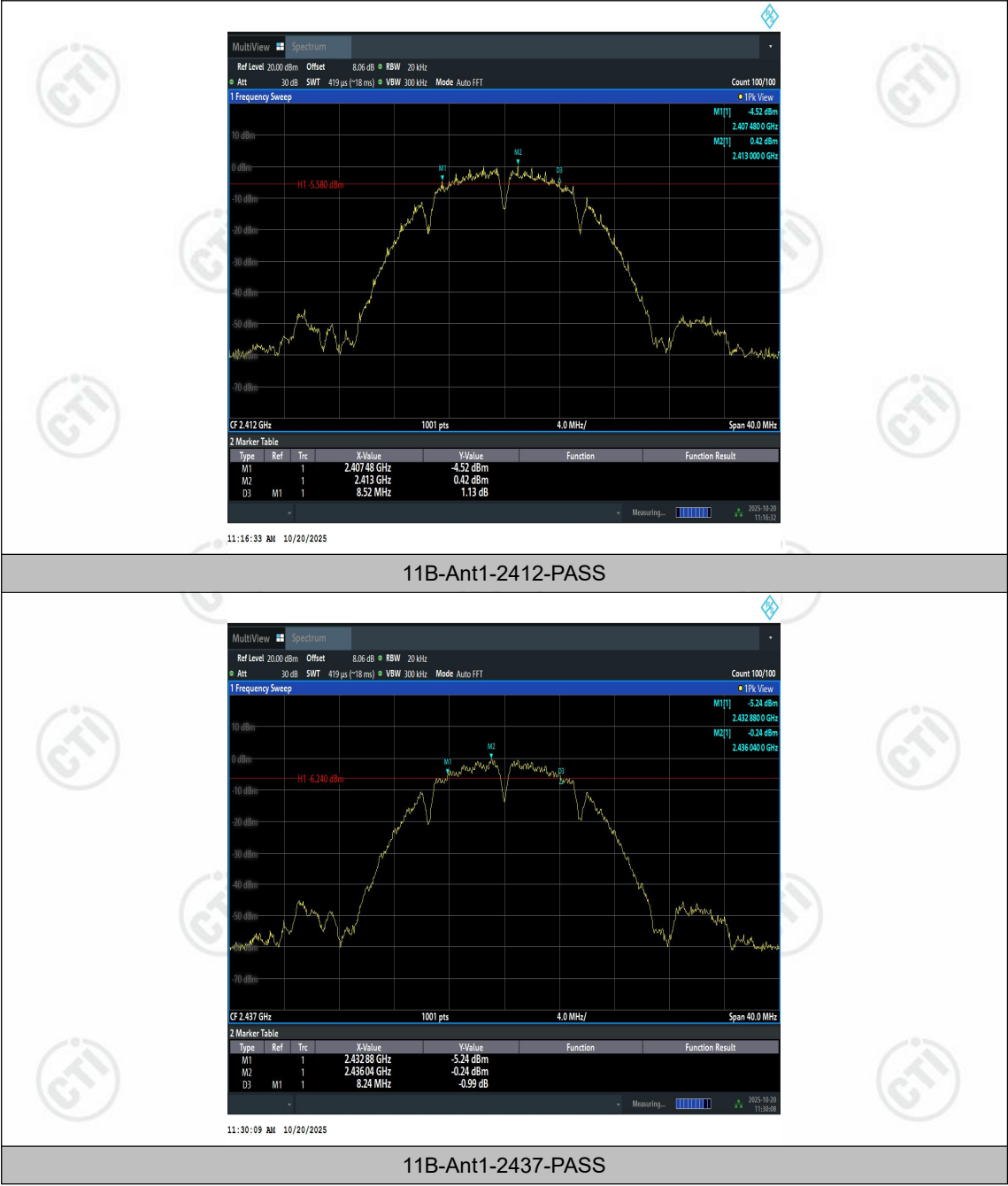
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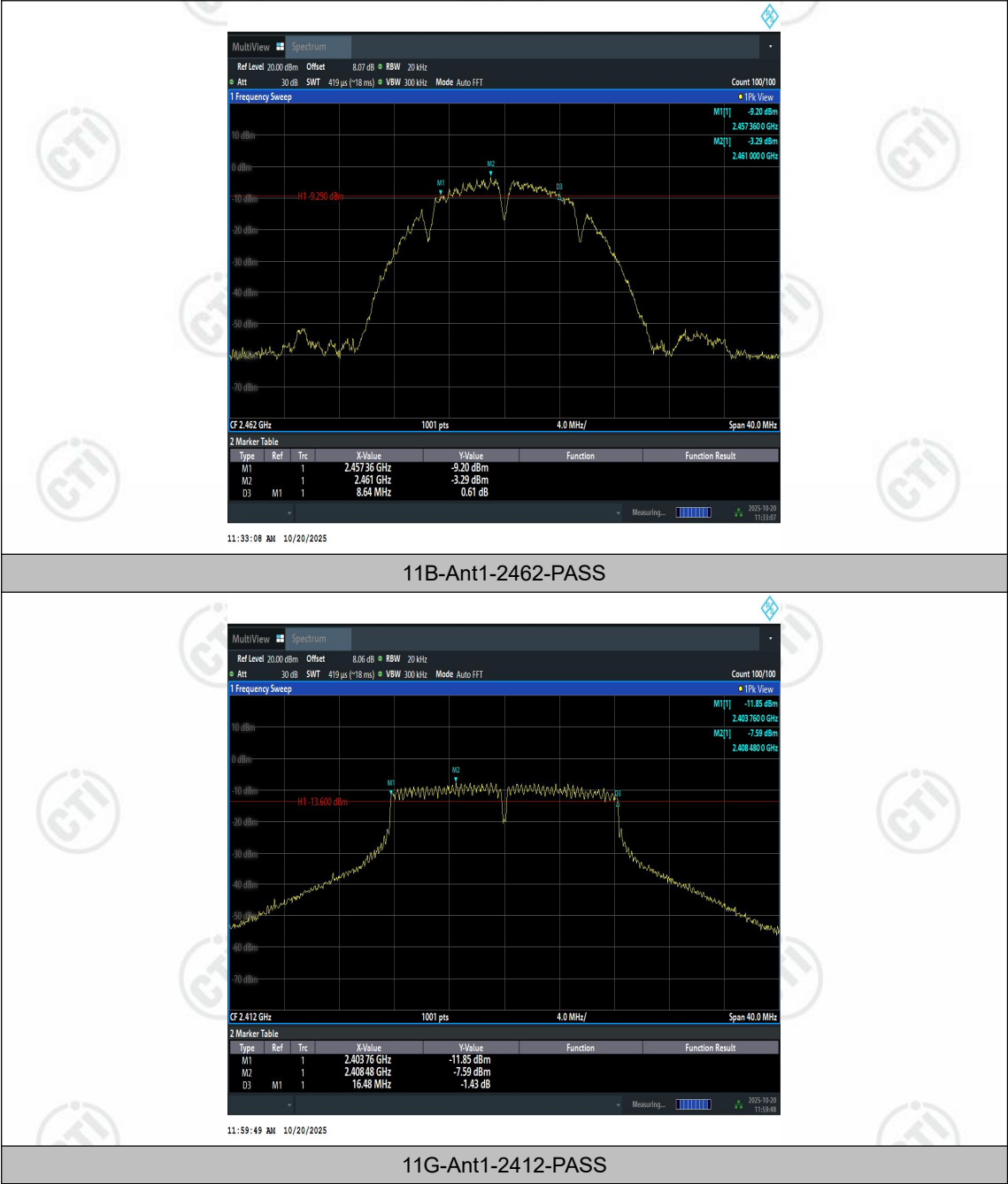
Appendix A: DTS Bandwidth

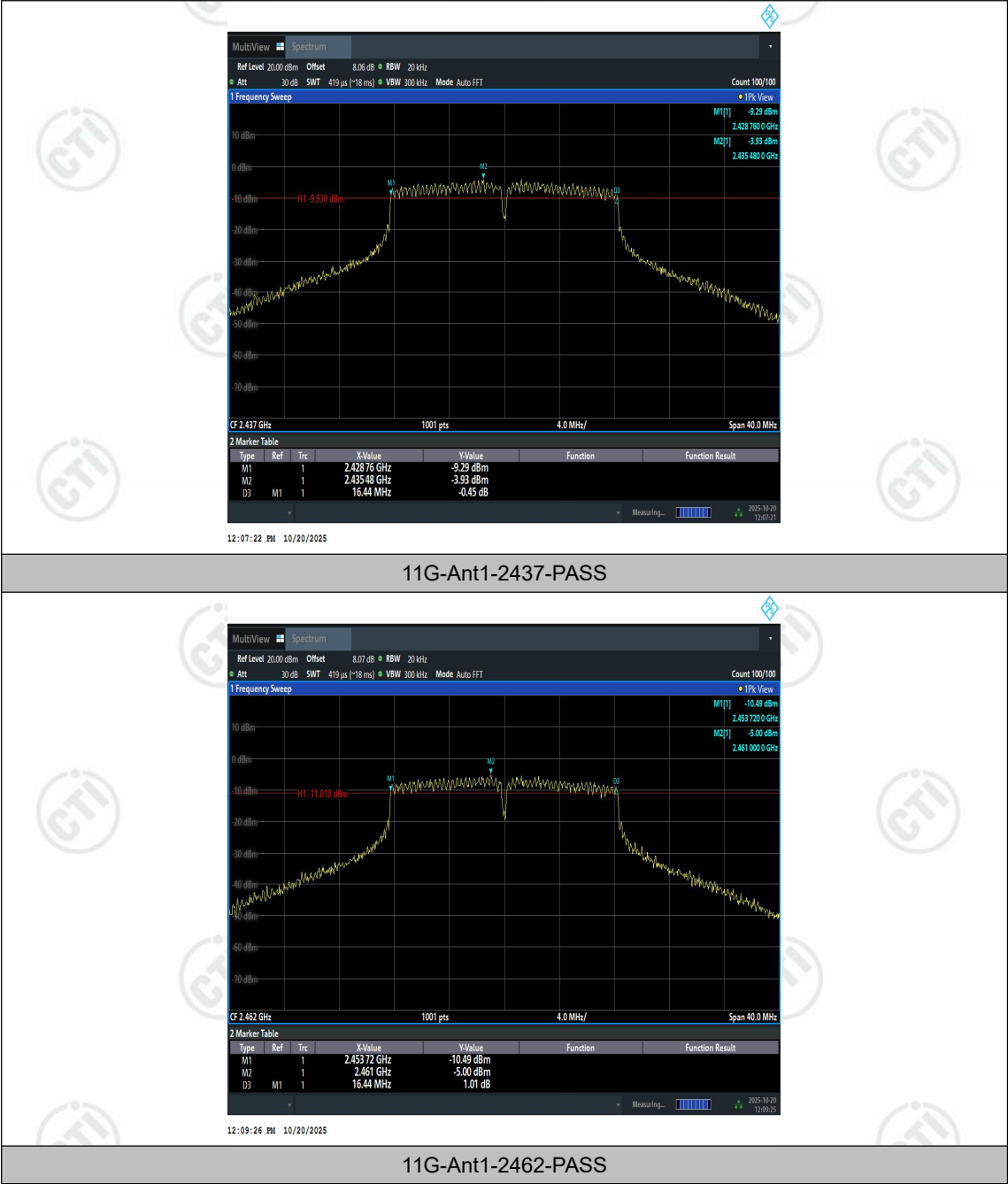
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.52	2407.48	2416.00	0.5	PASS
11B	Ant1	2437	8.24	2432.88	2441.12	0.5	PASS
11B	Ant1	2462	8.64	2457.36	2466.00	0.5	PASS
11G	Ant1	2412	16.48	2403.76	2420.24	0.5	PASS
11G	Ant1	2437	16.44	2428.76	2445.20	0.5	PASS
11G	Ant1	2462	16.44	2453.72	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.60	2403.16	2420.76	0.5	PASS
11N20SISO	Ant1	2412	39.92	2392.04	2431.96	0.5	PASS
11N20SISO	Ant1	2437	17.72	2428.12	2445.84	0.5	PASS
11N20SISO	Ant1	2462	17.68	2453.12	2470.80	0.5	PASS
11N40SISO	Ant1	2422	36.48	2403.68	2440.16	0.5	PASS
11N40SISO	Ant1	2437	36.40	2418.76	2455.16	0.5	PASS
11N40SISO	Ant1	2452	36.40	2433.76	2470.16	0.5	PASS
11AX20SISO	Ant1	2412	19.08	2402.44	2421.52	0.5	PASS
11AX20SISO	Ant1	2437	19.04	2427.44	2446.48	0.5	PASS
11AX20SISO	Ant1	2462	18.92	2452.52	2471.44	0.5	PASS
11AX40SISO	Ant1	2422	37.68	2402.88	2440.56	0.5	PASS
11AX40SISO	Ant1	2437	37.92	2417.88	2455.80	0.5	PASS
11AX40SISO	Ant1	2452	37.92	2432.96	2470.88	0.5	PASS

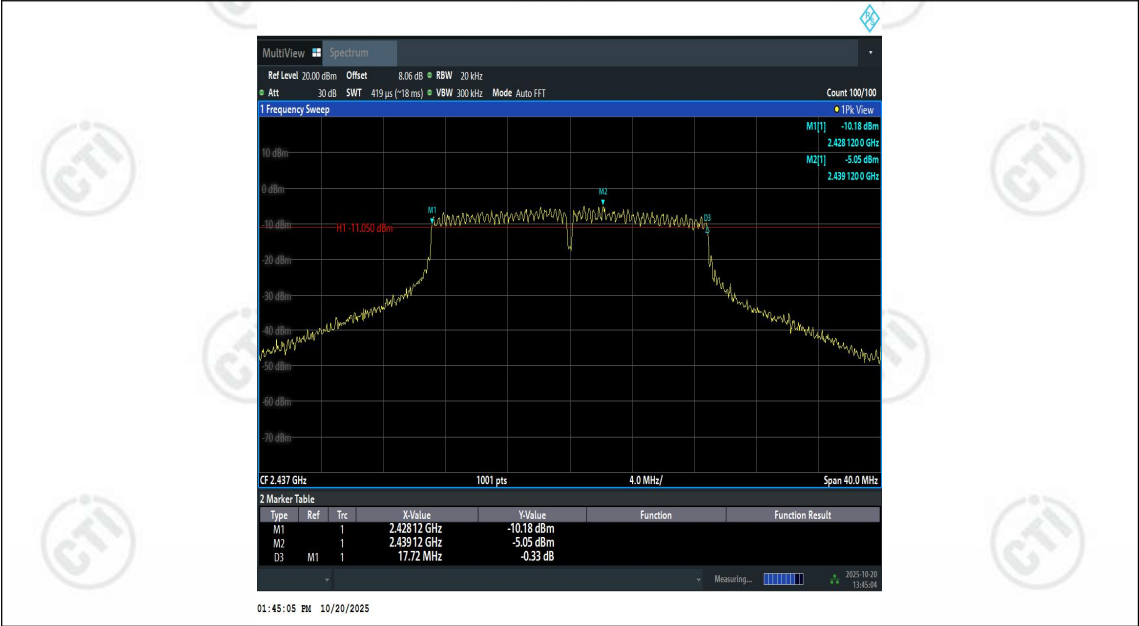
Test Graphs



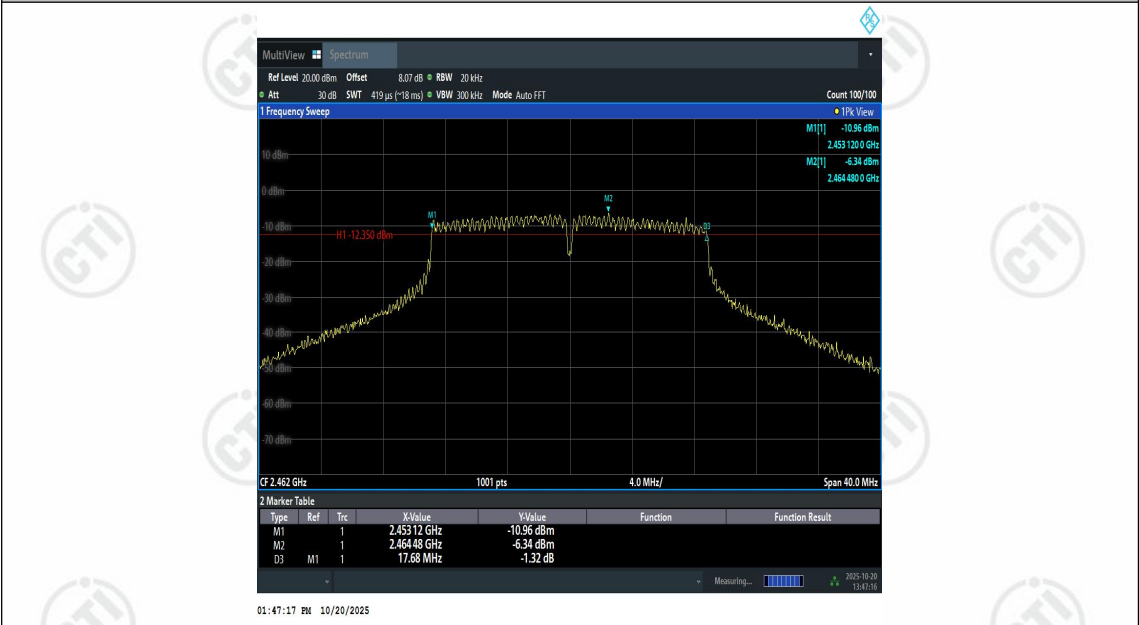








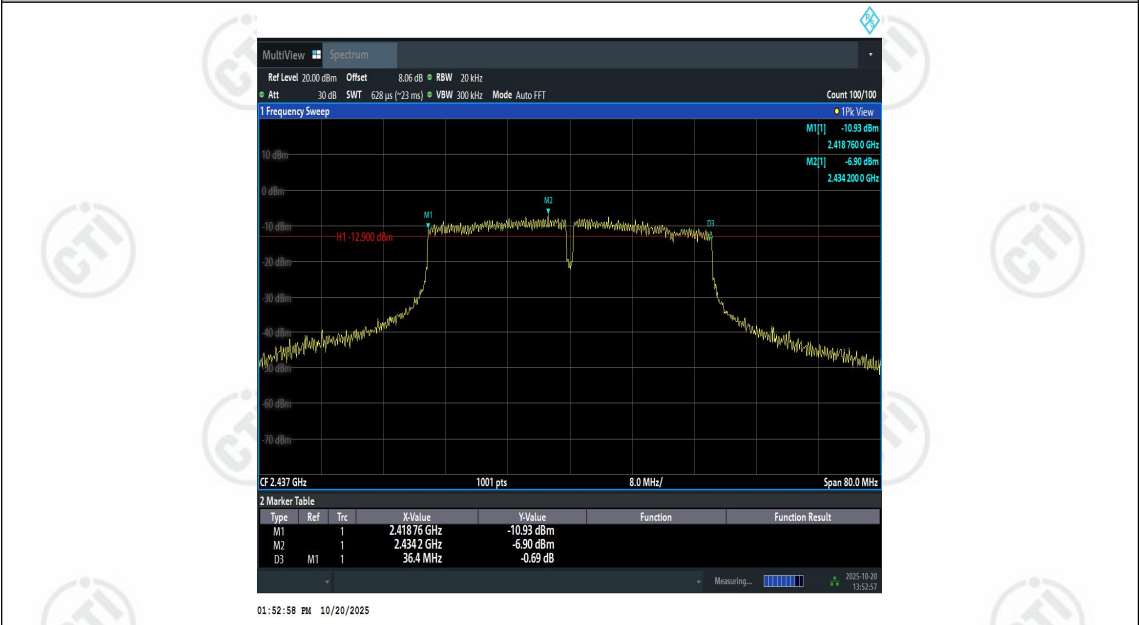
11N20SISO-Ant1-2437-PASS



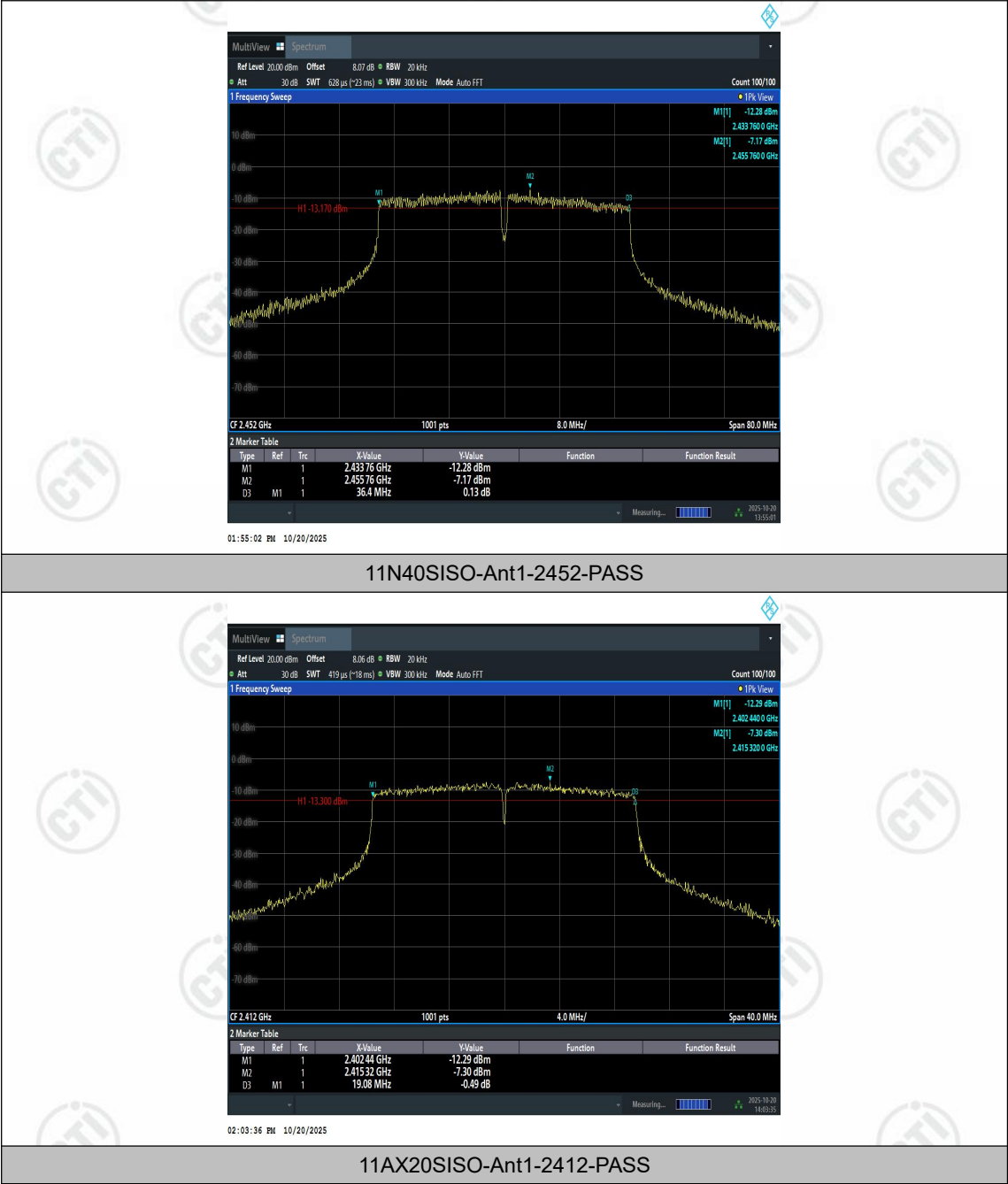
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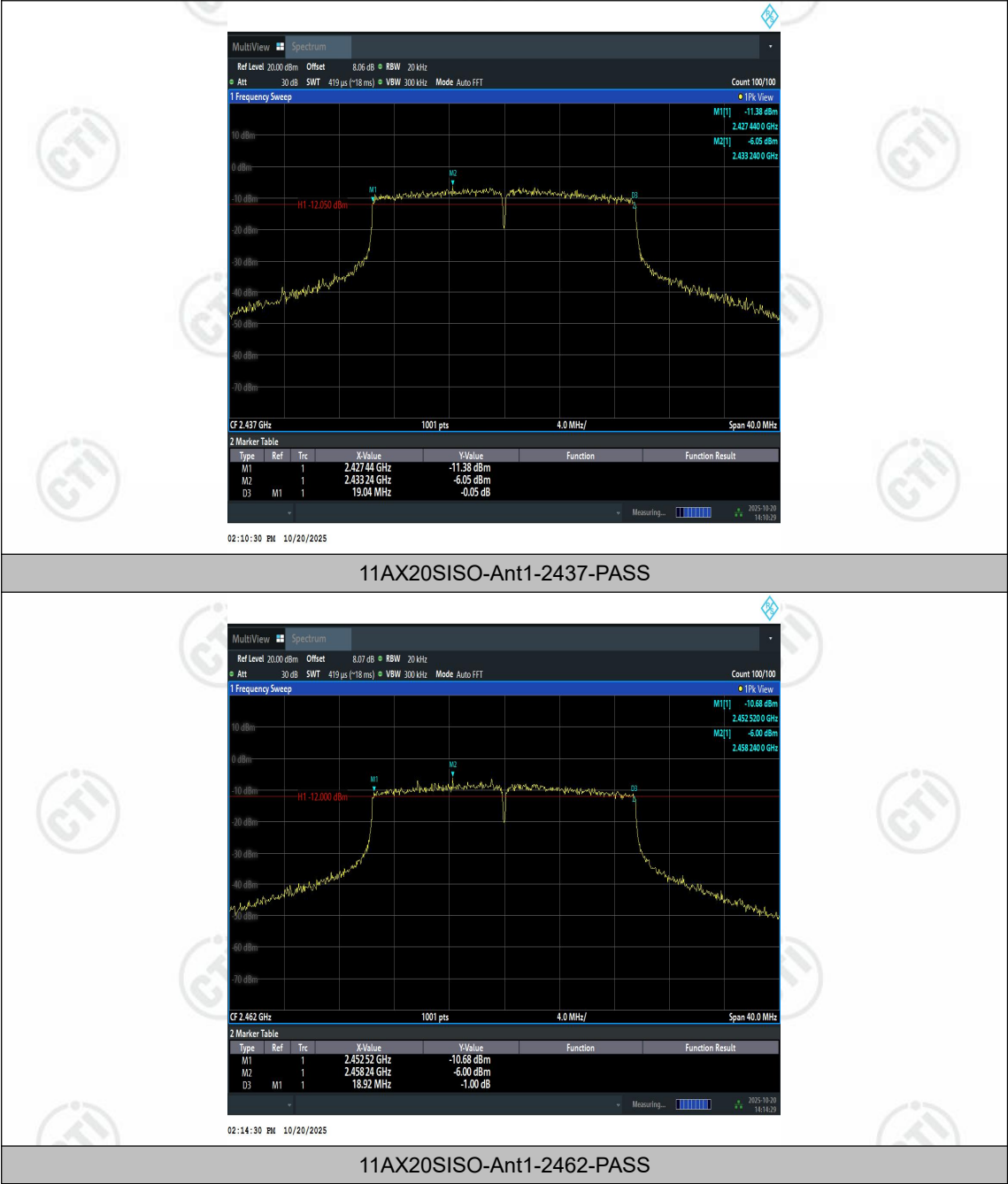


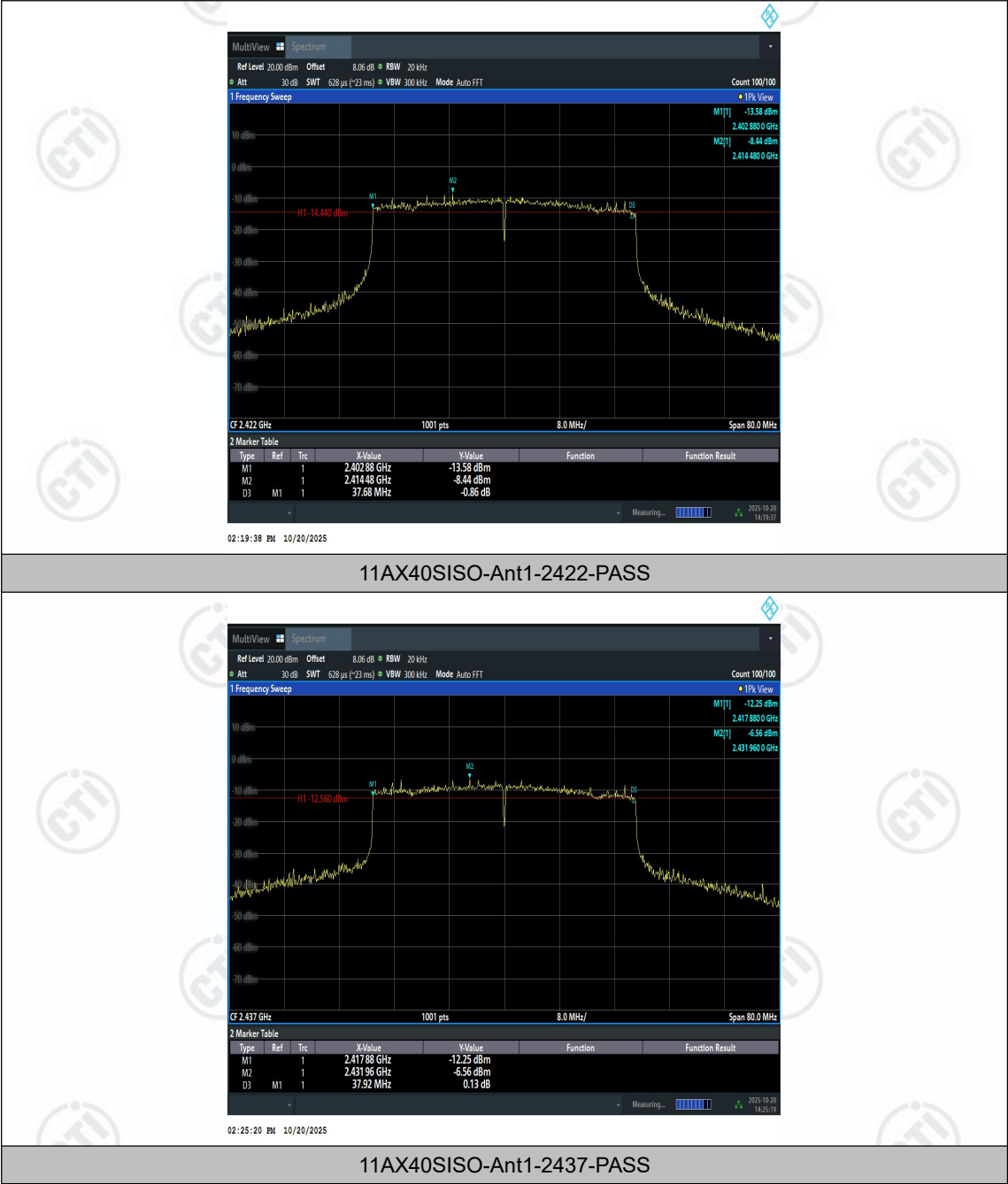
11N40SISO-Ant1-2422-PASS

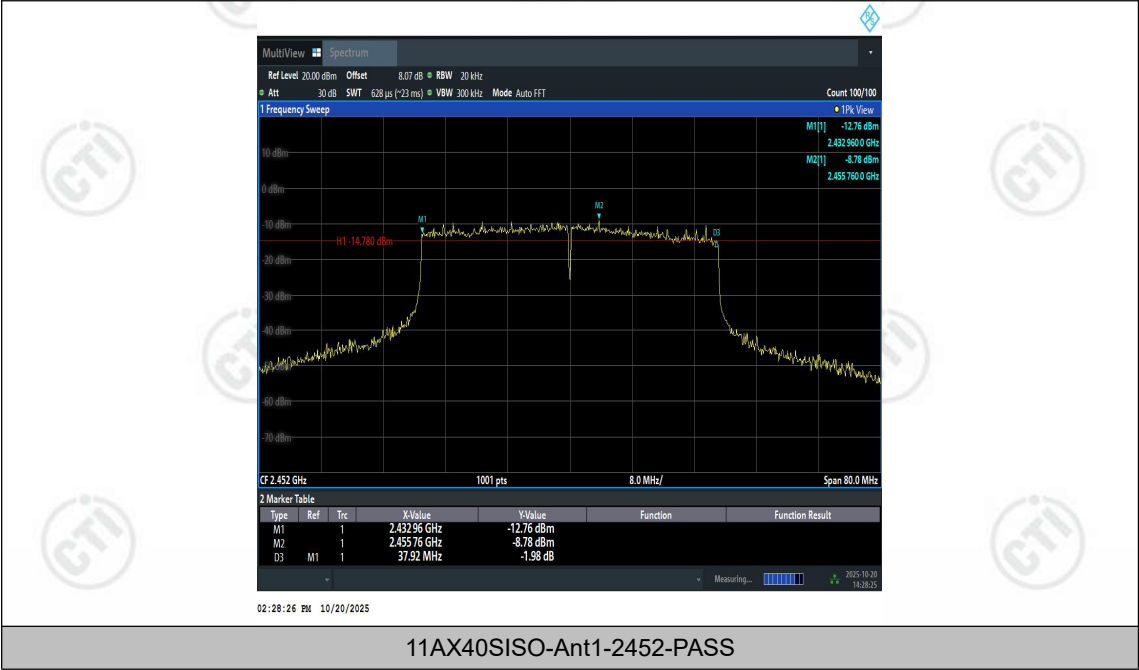


11N40SISO-Ant1-2437-PASS









Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.156	2405.4451	2418.6008	---	---
11B	Ant1	2437	13.173	2430.4052	2443.5780	---	---
11B	Ant1	2462	13.067	2455.4439	2468.5111	---	---
11G	Ant1	2412	16.426	2403.7677	2420.1939	---	---
11G	Ant1	2437	16.442	2428.7552	2445.1976	---	---
11G	Ant1	2462	16.427	2453.7688	2470.1956	---	---
11N20SISO	Ant1	2412	17.698	2403.1218	2420.8200	---	---
11N20SISO	Ant1	2437	17.668	2428.1296	2445.7979	---	---
11N20SISO	Ant1	2462	17.641	2453.1536	2470.7946	---	---
11N40SISO	Ant1	2422	36.169	2403.8775	2440.0464	---	---
11N40SISO	Ant1	2437	36.177	2418.8563	2455.0330	---	---
11N40SISO	Ant1	2452	36.185	2433.8488	2470.0337	---	---
11AX20SISO	Ant1	2412	18.912	2402.5154	2421.4274	---	---
11AX20SISO	Ant1	2437	18.917	2427.5032	2446.4200	---	---
11AX20SISO	Ant1	2462	18.887	2452.5176	2471.4051	---	---
11AX40SISO	Ant1	2422	37.667	2403.1250	2440.7916	---	---
11AX40SISO	Ant1	2437	37.747	2418.0610	2455.8078	---	---
11AX40SISO	Ant1	2452	37.690	2433.0887	2470.7787	---	---

Test Graphs

