

Appendix: 2.4G Wi-Fi

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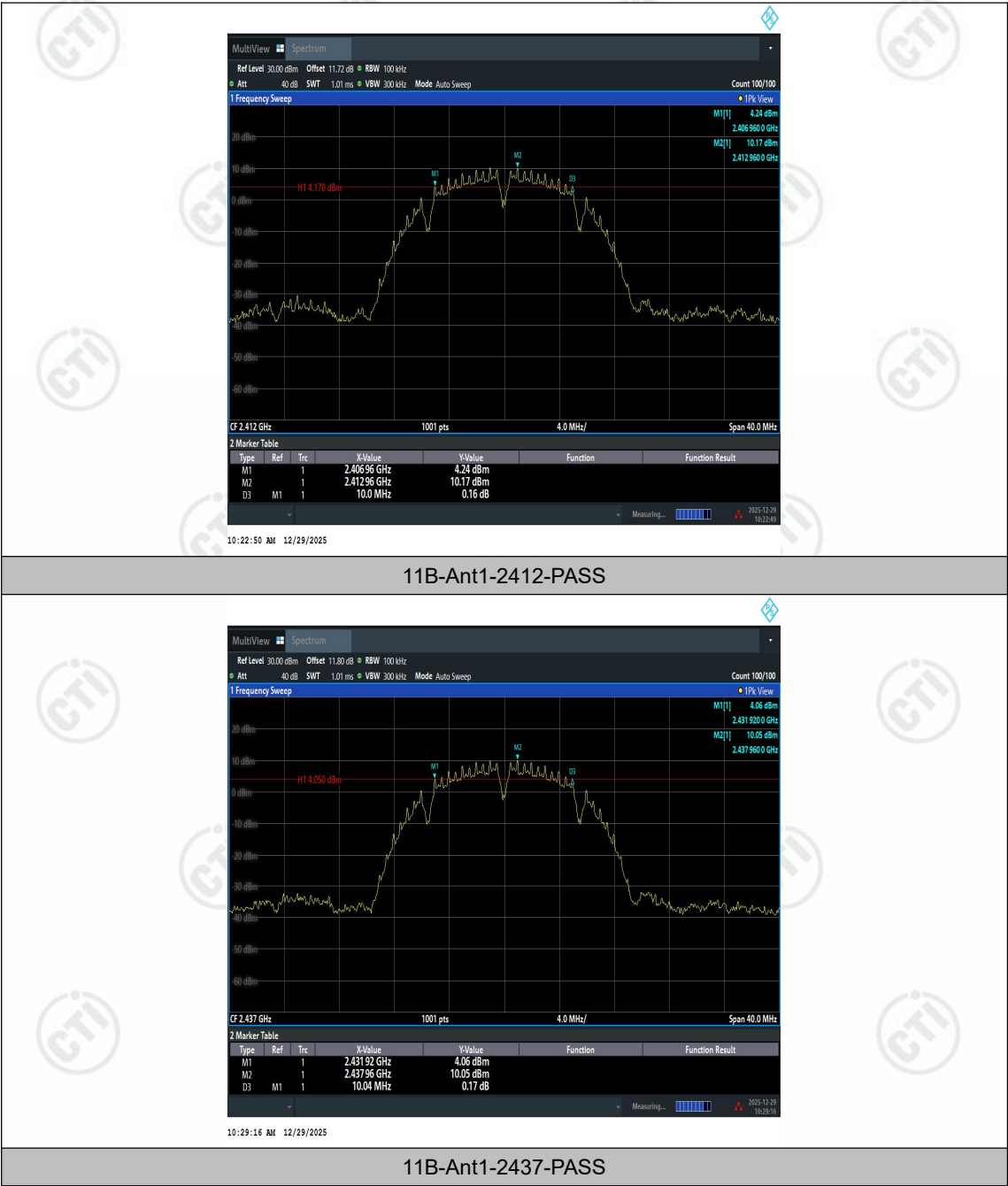
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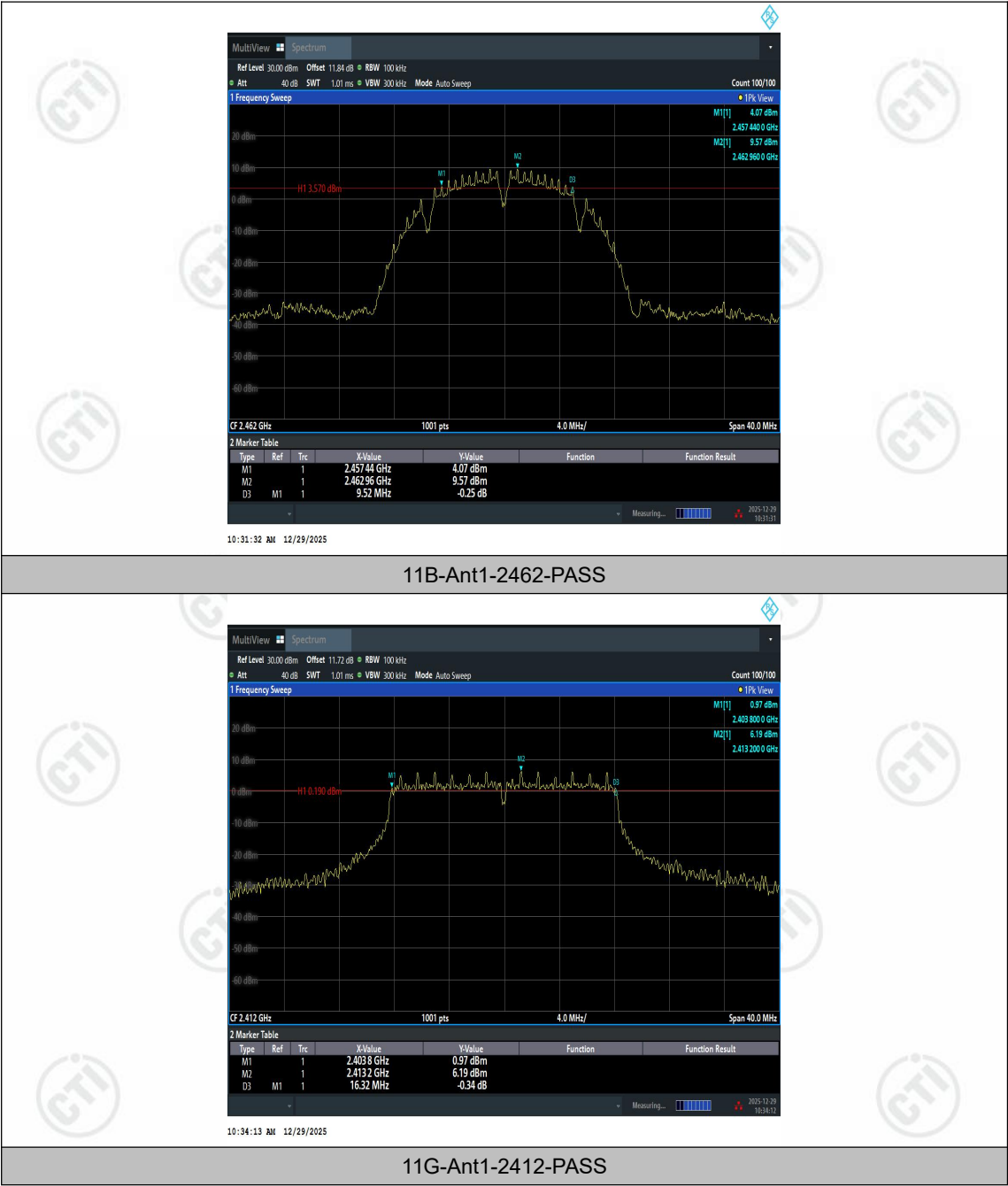
Appendix A: DTS Bandwidth

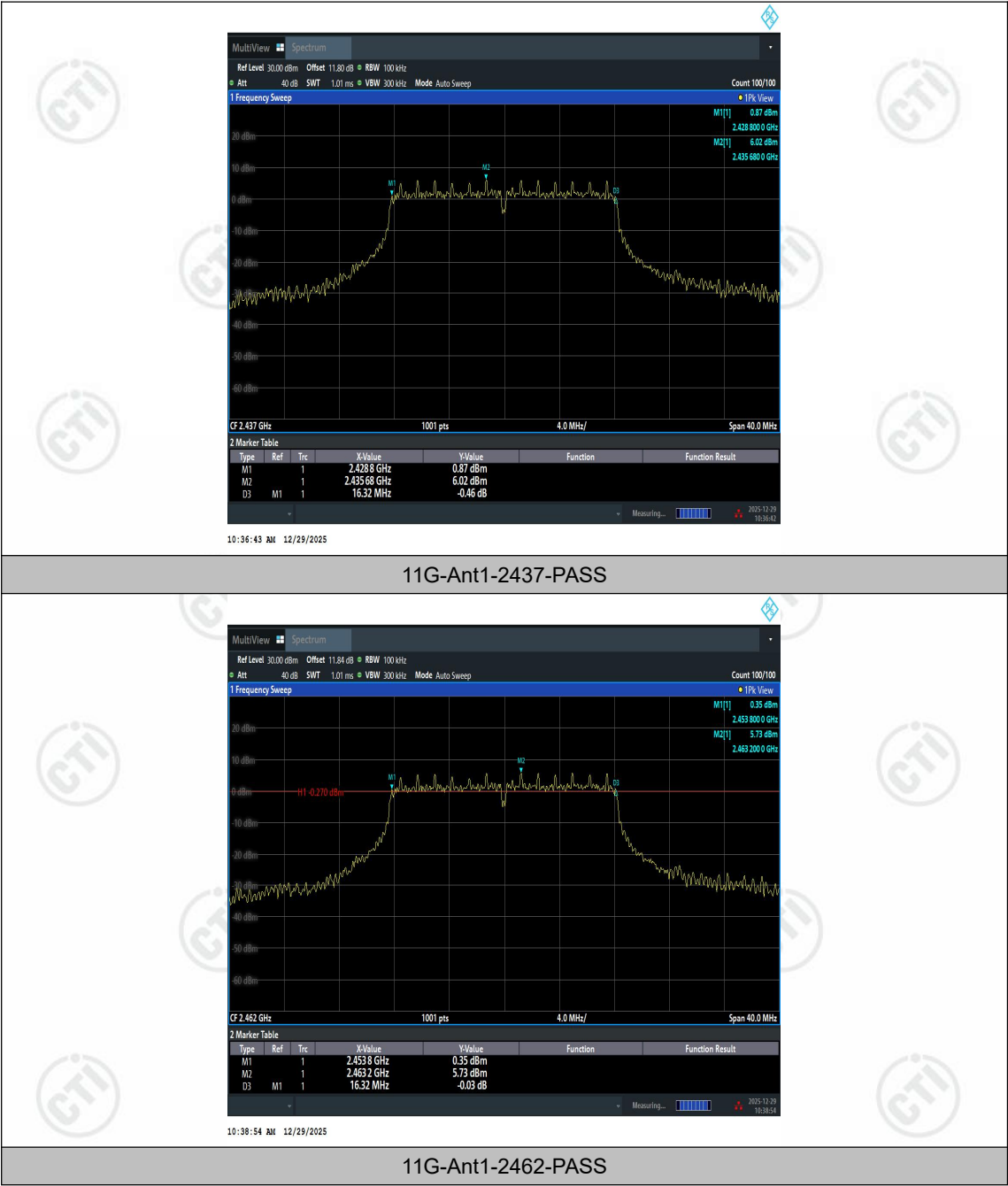
Test Result

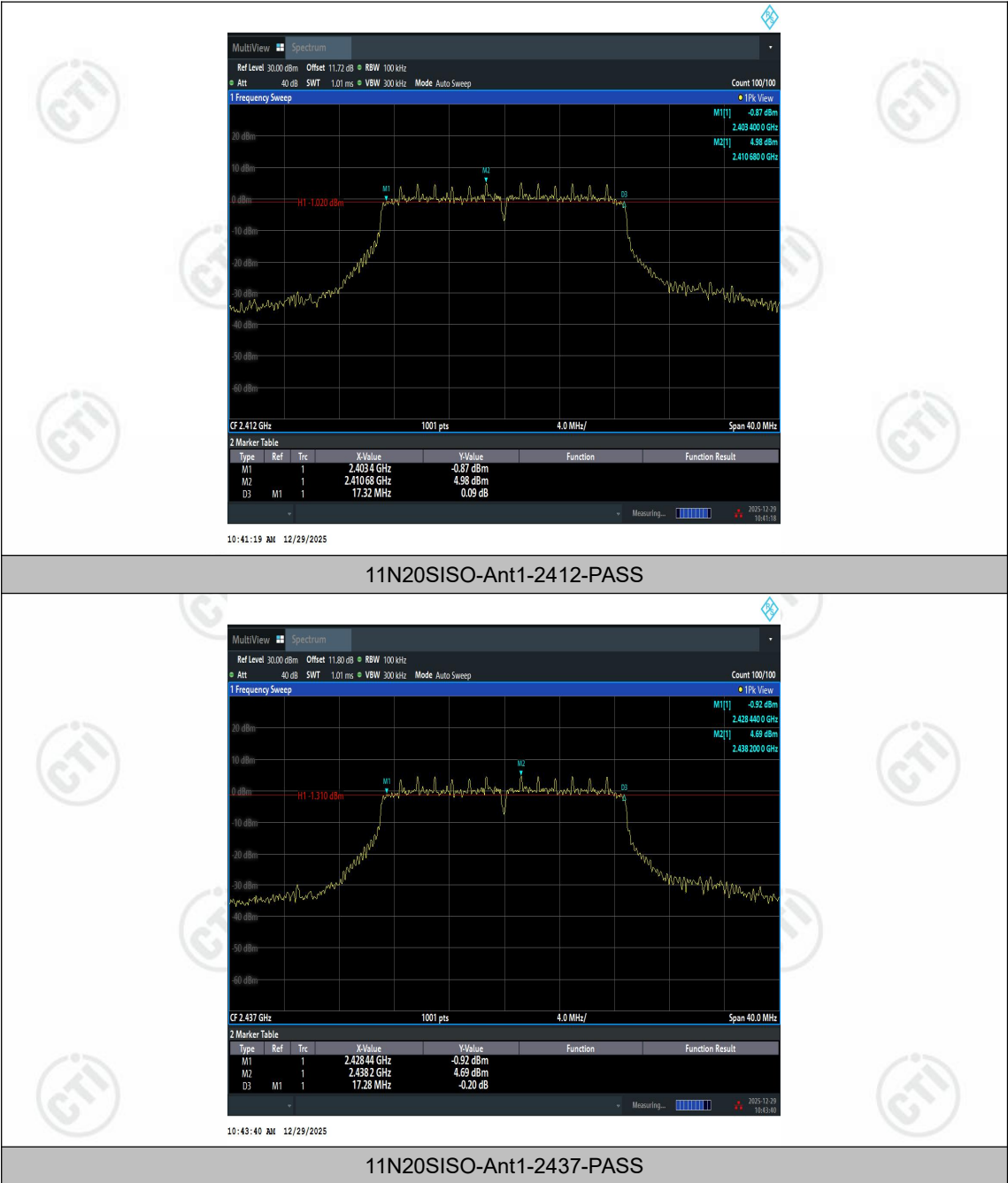
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.00	2406.96	2416.96	0.5	PASS
11B	Ant1	2437	10.04	2431.92	2441.96	0.5	PASS
11B	Ant1	2462	9.52	2457.44	2466.96	0.5	PASS
11G	Ant1	2412	16.32	2403.80	2420.12	0.5	PASS
11G	Ant1	2437	16.32	2428.80	2,445.12	0.5	PASS
11G	Ant1	2462	16.32	2453.80	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.32	2403.40	2420.72	0.5	PASS
11N20SISO	Ant1	2437	17.28	2428.44	2445.72	0.5	PASS
11N20SISO	Ant1	2462	17.28	2453.44	2470.72	0.5	PASS
11N40SISO	Ant1	2422	35.20	2404.40	2439.60	0.5	PASS
11N40SISO	Ant1	2437	35.20	2419.40	2454.60	0.5	PASS
11N40SISO	Ant1	2452	35.20	2434.40	2469.60	0.5	PASS
11AX20SISO	Ant1	2412	18.40	2402.72	2421.12	0.5	PASS
11AX20SISO	Ant1	2437	18.40	2427.72	2446.12	0.5	PASS
11AX20SISO	Ant1	2462	18.48	2452.76	2471.24	0.5	PASS

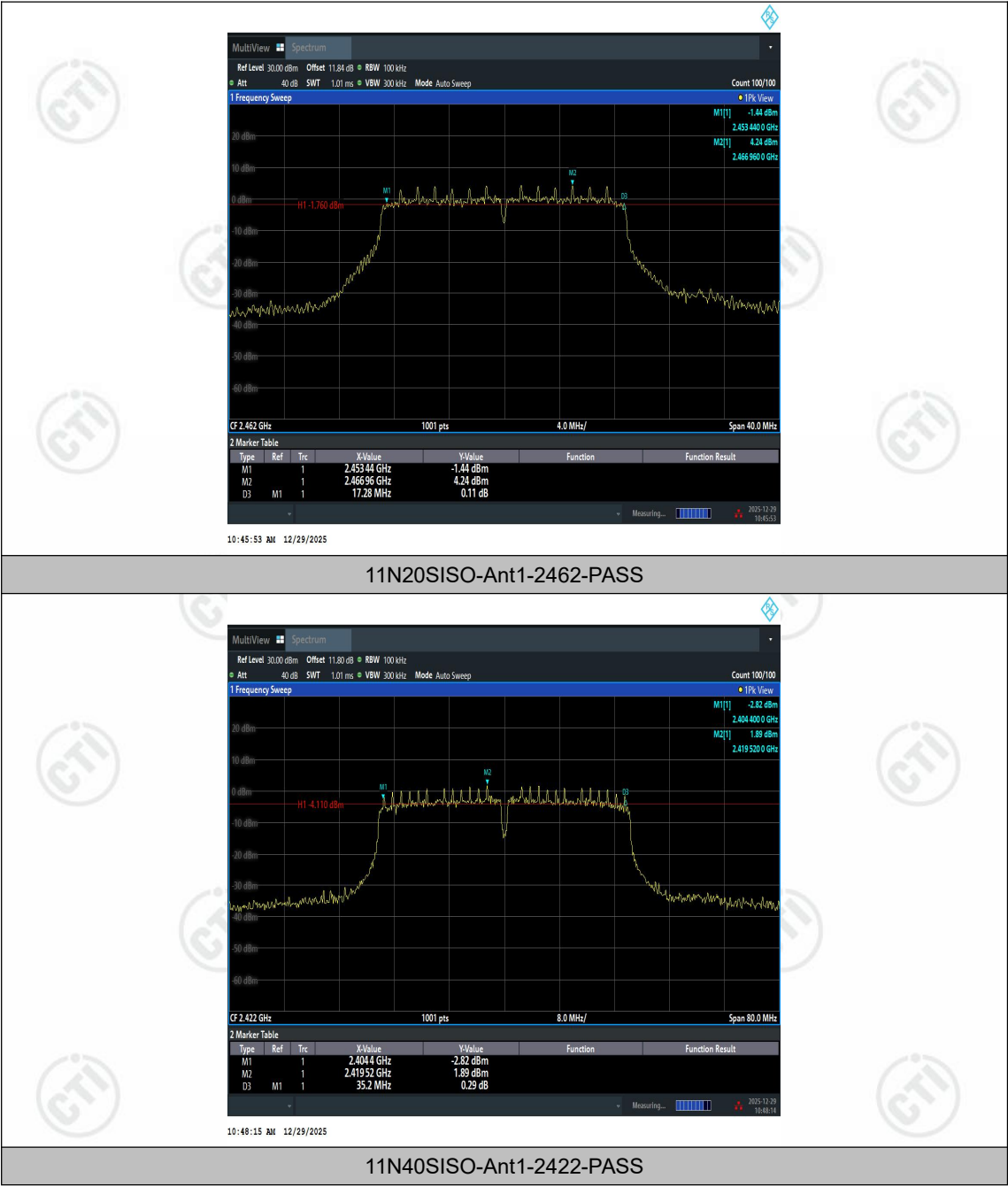
Test Graphs

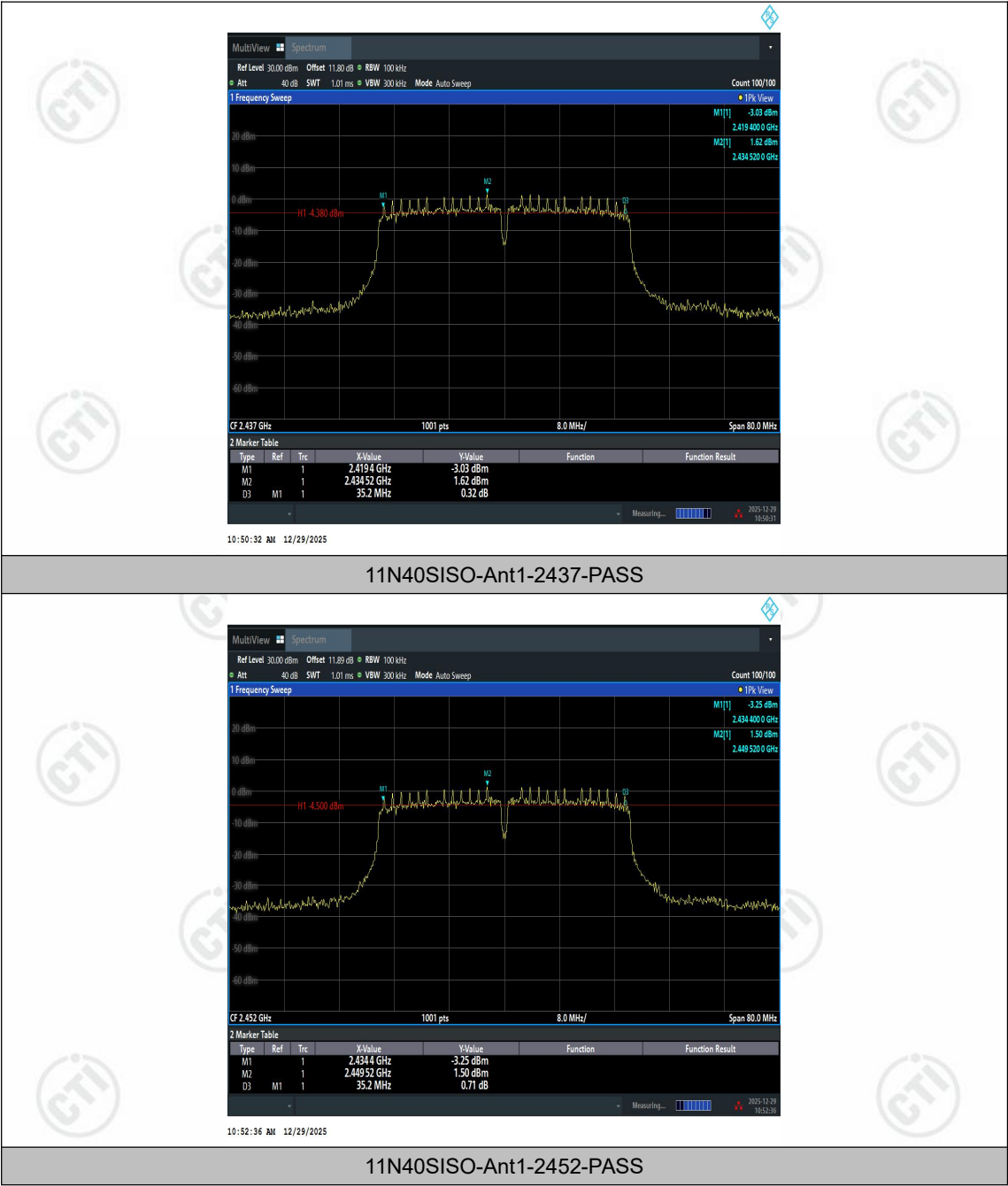


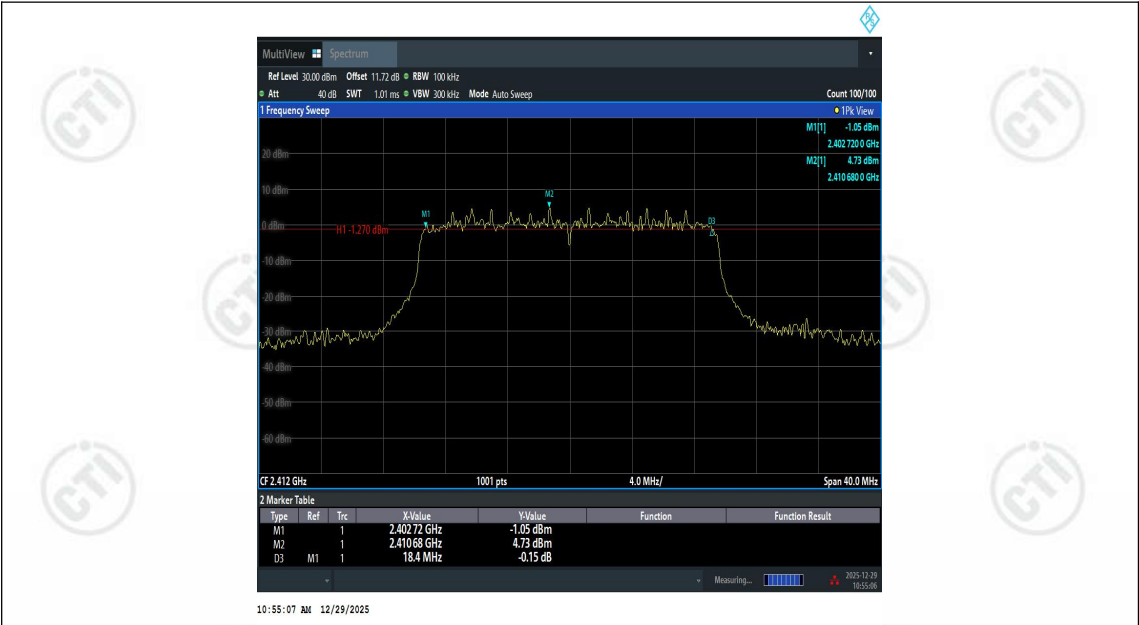




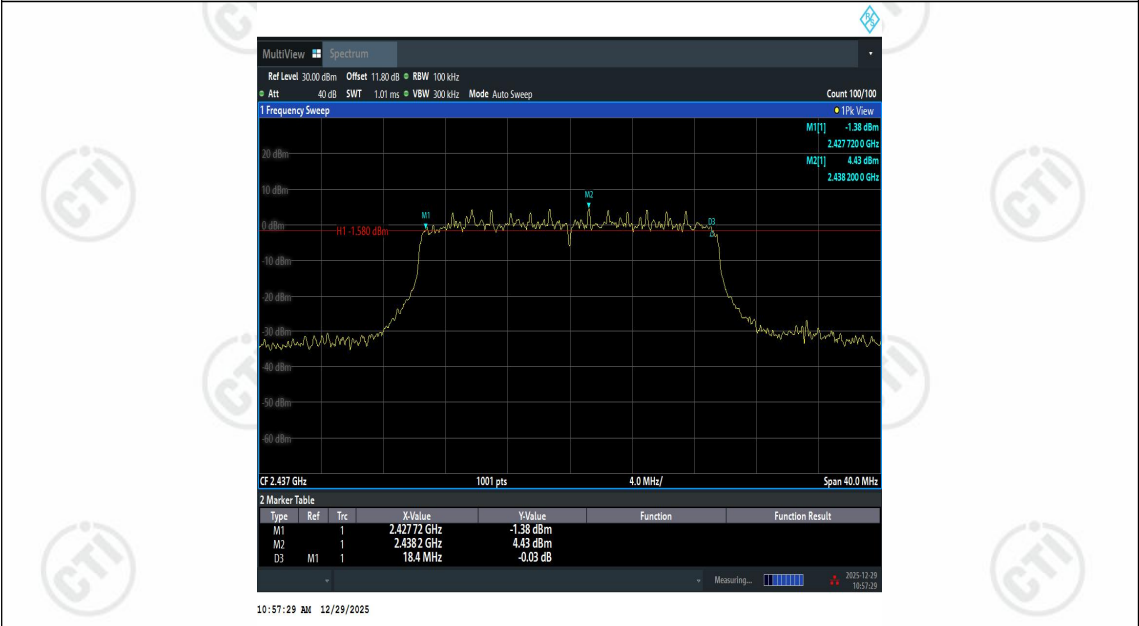




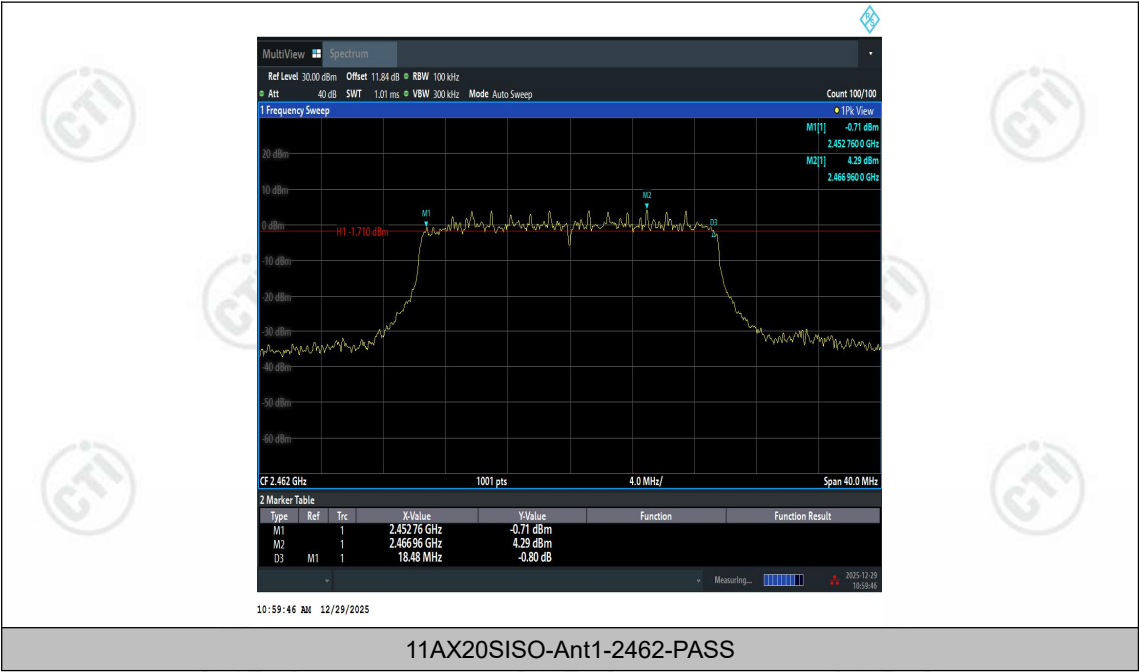




11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	13.212	2405.3744	2418.5866
11B	Ant1	2437	13.192	2430.3743	2443.5659
11B	Ant1	2462	13.189	2455.4064	2468.5949
11G	Ant1	2412	17.725	2403.1199	2420.8451
11G	Ant1	2437	17.689	2428.1514	2445.8408
11G	Ant1	2462	17.642	2453.2272	2470.8692
11N20SISO	Ant1	2412	18.611	2402.5953	2421.2062
11N20SISO	Ant1	2437	18.571	2427.6243	2446.1952
11N20SISO	Ant1	2462	18.501	2452.6841	2471.1847
11N40SISO	Ant1	2422	36.760	2403.6741	2440.4336
11N40SISO	Ant1	2437	36.777	2418.7057	2455.4826
11N40SISO	Ant1	2452	36.752	2433.7479	2470.4995
11AX20SISO	Ant1	2412	19.325	2402.3129	2421.6380
11AX20SISO	Ant1	2437	19.299	2427.3295	2446.6285
11AX20SISO	Ant1	2462	19.289	2452.3563	2471.6452

Test Graphs

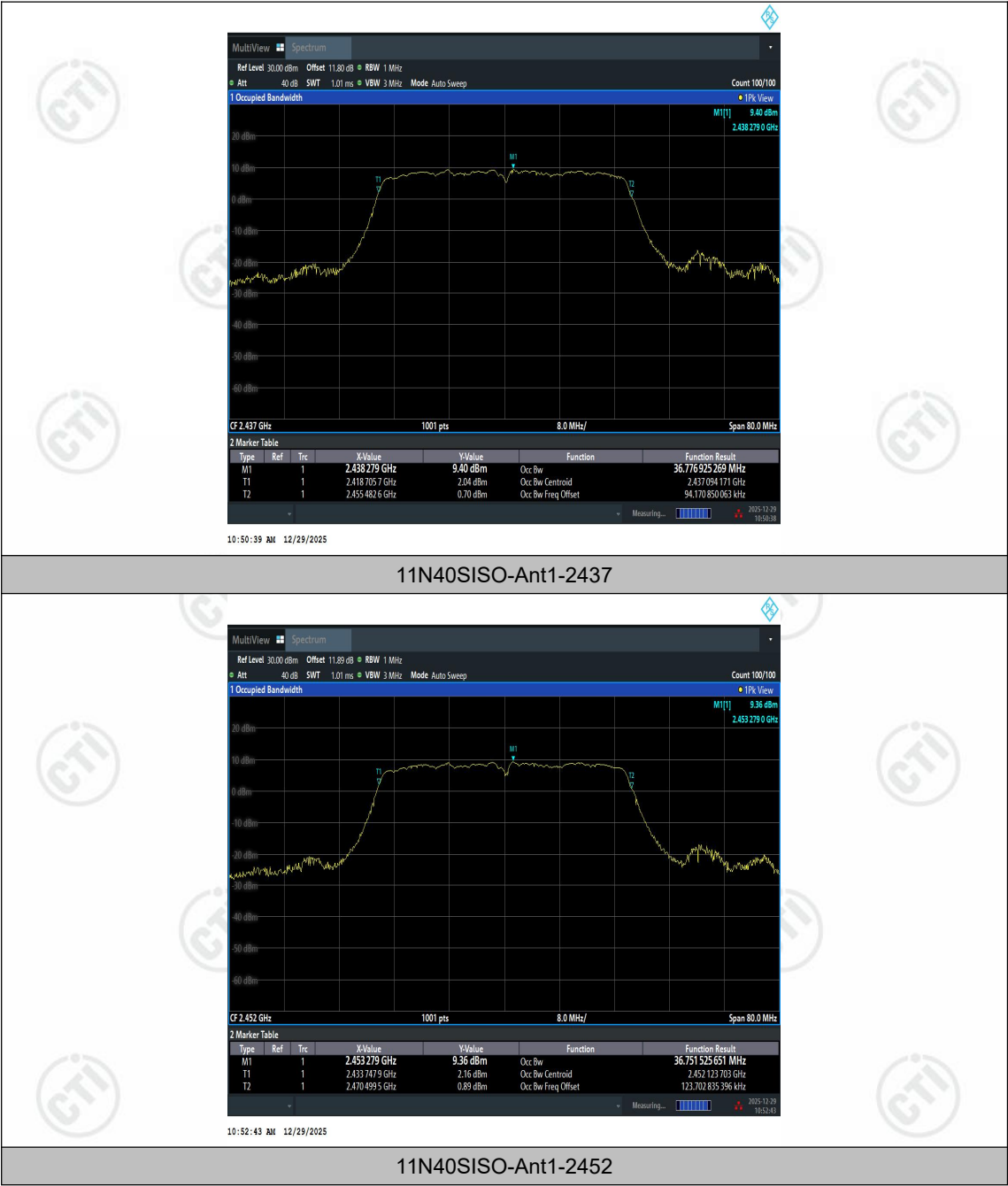
















Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	19.06	≤30.00	PASS
11B	Ant1	2437	19.08	≤30.00	PASS
11B	Ant1	2462	18.72	≤30.00	PASS
11G	Ant1	2412	17.83	≤30.00	PASS
11G	Ant1	2437	17.84	≤30.00	PASS
11G	Ant1	2462	17.66	≤30.00	PASS
11N20SISO	Ant1	2412	16.58	≤30.00	PASS
11N20SISO	Ant1	2437	16.59	≤30.00	PASS
11N20SISO	Ant1	2462	16.24	≤30.00	PASS
11N40SISO	Ant1	2422	16.02	≤30.00	PASS
11N40SISO	Ant1	2437	15.94	≤30.00	PASS
11N40SISO	Ant1	2452	15.73	≤30.00	PASS
11AX20SISO	Ant1	2412	16.57	≤30.00	PASS
11AX20SISO	Ant1	2437	16.54	≤30.00	PASS
11AX20SISO	Ant1	2462	16.40	≤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	-9.74	≤8.00	PASS
11B	Ant1	2437	-11.31	≤8.00	PASS
11B	Ant1	2462	-10.63	≤8.00	PASS
11G	Ant1	2412	-11.47	≤8.00	PASS
11G	Ant1	2437	-11.82	≤8.00	PASS
11G	Ant1	2462	-11.37	≤8.00	PASS
11N20SISO	Ant1	2412	-13.81	≤8.00	PASS
11N20SISO	Ant1	2437	-13.42	≤8.00	PASS
11N20SISO	Ant1	2462	-14.20	≤8.00	PASS
11N40SISO	Ant1	2422	-13.82	≤8.00	PASS
11N40SISO	Ant1	2437	-15.73	≤8.00	PASS
11N40SISO	Ant1	2452	-16.06	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.86	≤8.00	PASS
11AX20SISO	Ant1	2437	-15.14	≤8.00	PASS
11AX20SISO	Ant1	2462	-14.81	≤8.00	PASS

Test Graphs

