

Appendix: 2.4G Wi-Fi

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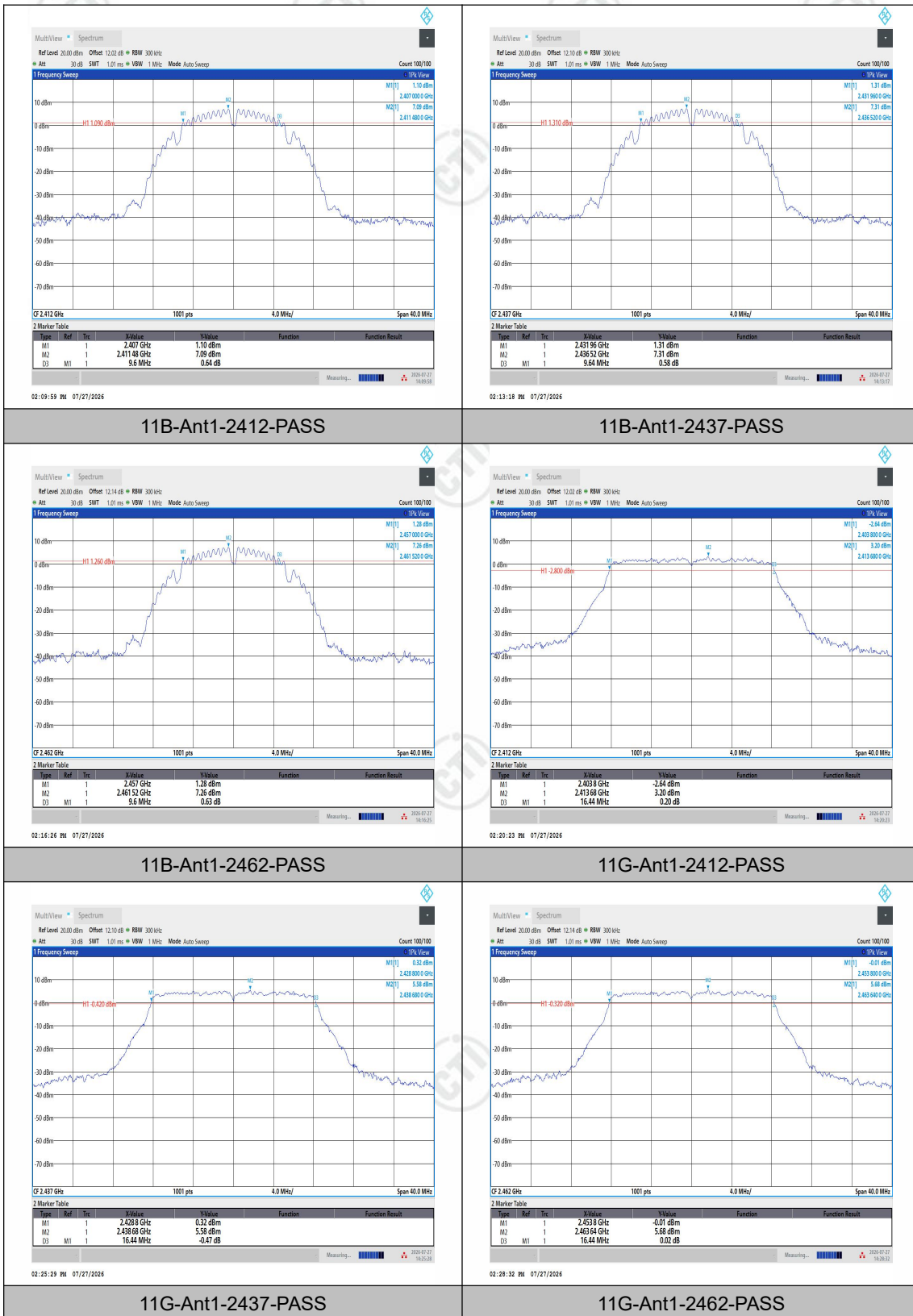
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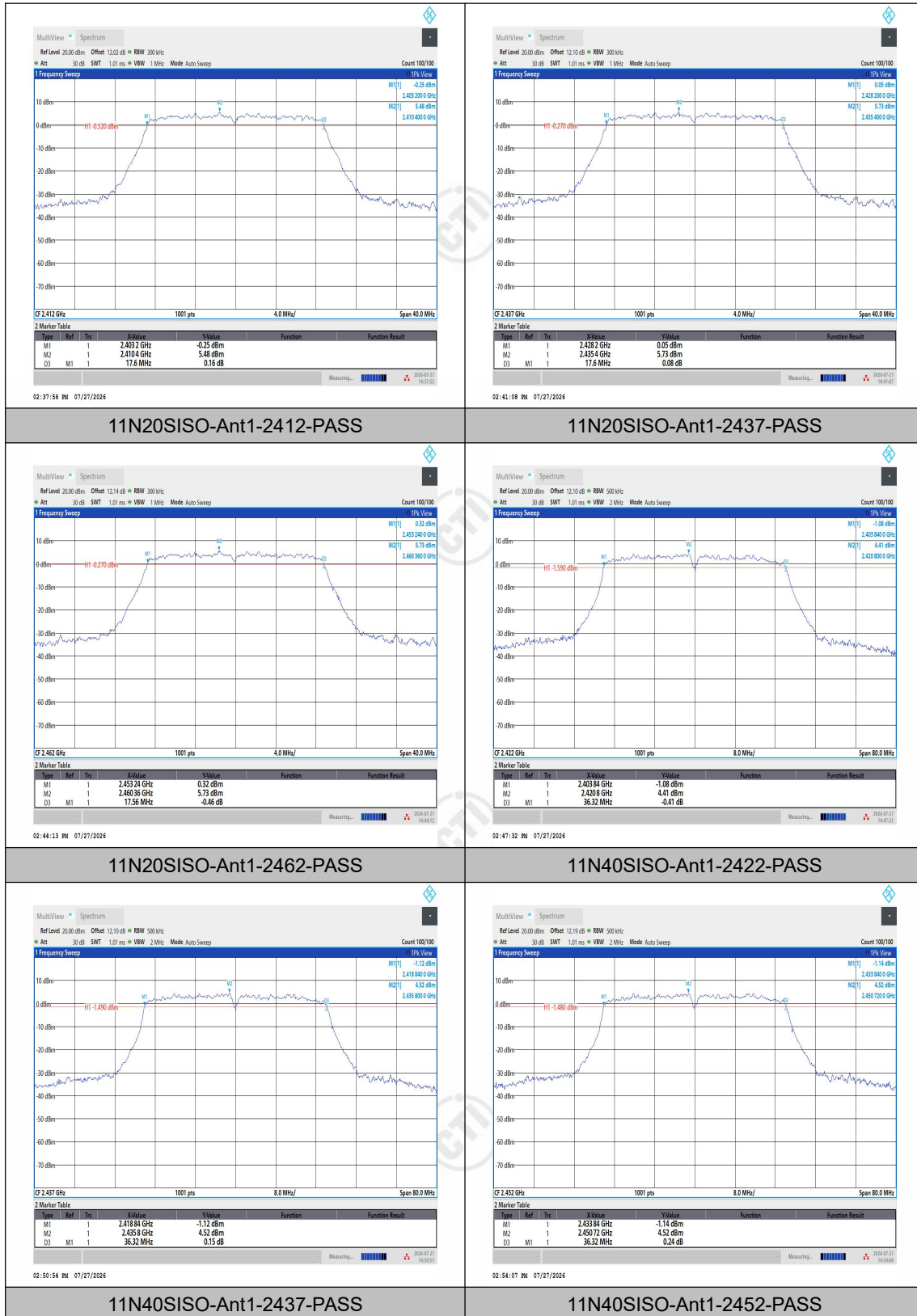
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.60	2407.00	2416.60	0.5	PASS
11B	Ant1	2437	9.64	2431.96	2441.60	0.5	PASS
11B	Ant1	2462	9.60	2457.00	2466.60	0.5	PASS
11G	Ant1	2412	16.44	2403.80	2420.24	0.5	PASS
11G	Ant1	2437	16.44	2428.80	2445.24	0.5	PASS
11G	Ant1	2462	16.44	2453.80	2470.24	0.5	PASS
11N20SISO	Ant1	2412	17.60	2403.20	2420.80	0.5	PASS
11N20SISO	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
11N20SISO	Ant1	2462	17.56	2453.24	2470.80	0.5	PASS
11N40SISO	Ant1	2422	36.32	2403.84	2440.16	0.5	PASS
11N40SISO	Ant1	2437	36.32	2418.84	2455.16	0.5	PASS
11N40SISO	Ant1	2452	36.32	2433.84	2470.16	0.5	PASS

Test Graphs



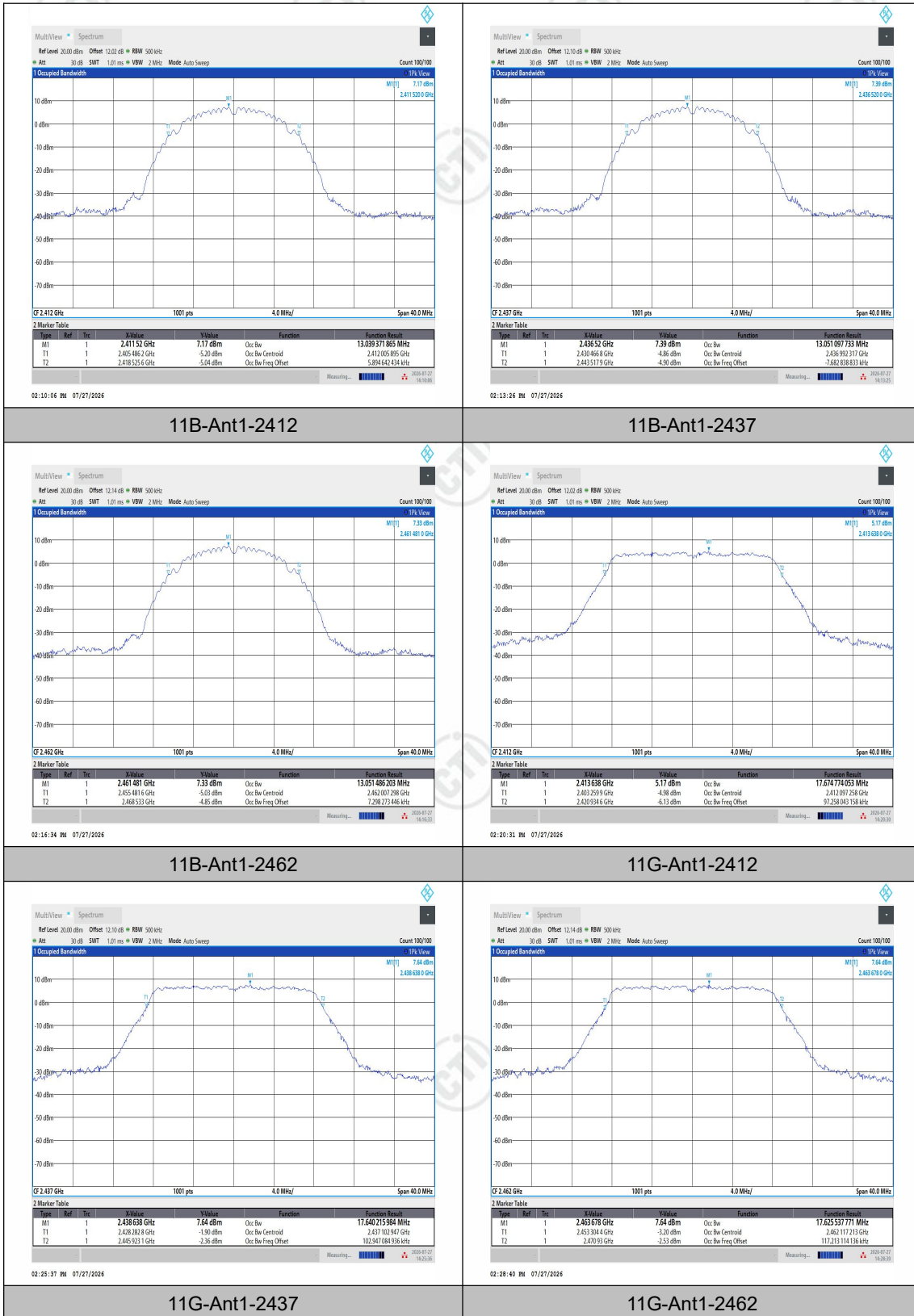


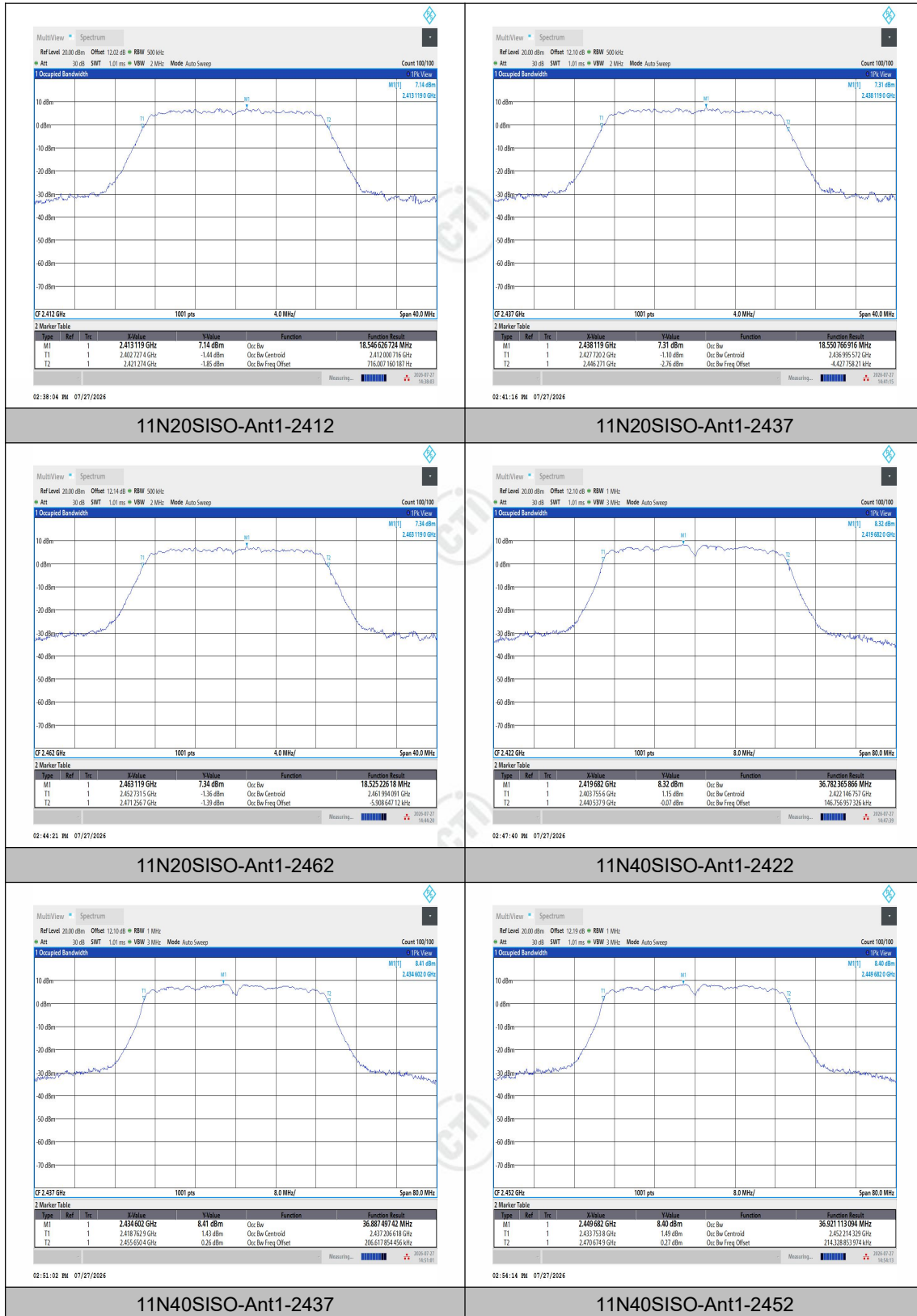
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.039	2405.4862	2418.5256	---	---
11B	Ant1	2437	13.051	2430.4668	2443.5179	---	---
11B	Ant1	2462	13.051	2455.4816	2468.5330	---	---
11G	Ant1	2412	17.675	2403.2599	2420.9346	---	---
11G	Ant1	2437	17.640	2428.2828	2445.9231	---	---
11G	Ant1	2462	17.626	2453.3044	2470.9300	---	---
11N20SISO	Ant1	2412	18.547	2402.7274	2421.2740	---	---
11N20SISO	Ant1	2437	18.551	2427.7202	2446.2710	---	---
11N20SISO	Ant1	2462	18.525	2452.7315	2471.2567	---	---
11N40SISO	Ant1	2422	36.782	2403.7556	2440.5379	---	---
11N40SISO	Ant1	2437	36.887	2418.7629	2455.6504	---	---
11N40SISO	Ant1	2452	36.921	2433.7538	2470.6749	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	16.20	≤30.00	18.49	≤36.00	PASS
11B	Ant1	2437	16.32	≤30.00	18.61	≤36.00	PASS
11B	Ant1	2462	16.20	≤30.00	18.49	≤36.00	PASS
11G	Ant1	2412	15.11	≤30.00	17.40	≤36.00	PASS
11G	Ant1	2437	15.23	≤30.00	17.52	≤36.00	PASS
11G	Ant1	2462	15.17	≤30.00	17.46	≤36.00	PASS
11N20SISO	Ant1	2412	15.00	≤30.00	17.29	≤36.00	PASS
11N20SISO	Ant1	2437	15.15	≤30.00	17.44	≤36.00	PASS
11N20SISO	Ant1	2462	15.08	≤30.00	17.37	≤36.00	PASS
11N40SISO	Ant1	2422	15.00	≤30.00	17.29	≤36.00	PASS
11N40SISO	Ant1	2437	15.13	≤30.00	17.42	≤36.00	PASS
11N40SISO	Ant1	2452	15.11	≤30.00	17.40	≤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	-12.67	≤8.00	PASS
11B	Ant1	2437	-13.10	≤8.00	PASS
11B	Ant1	2462	-13.18	≤8.00	PASS
11G	Ant1	2412	-15.29	≤8.00	PASS
11G	Ant1	2437	-15.06	≤8.00	PASS
11G	Ant1	2462	-14.50	≤8.00	PASS
11N20SISO	Ant1	2412	-15.22	≤8.00	PASS
11N20SISO	Ant1	2437	-14.45	≤8.00	PASS
11N20SISO	Ant1	2462	-13.87	≤8.00	PASS
11N40SISO	Ant1	2422	-15.59	≤8.00	PASS
11N40SISO	Ant1	2437	-16.35	≤8.00	PASS
11N40SISO	Ant1	2452	-14.83	≤8.00	PASS