

Appendix: 2.4G Wi-Fi

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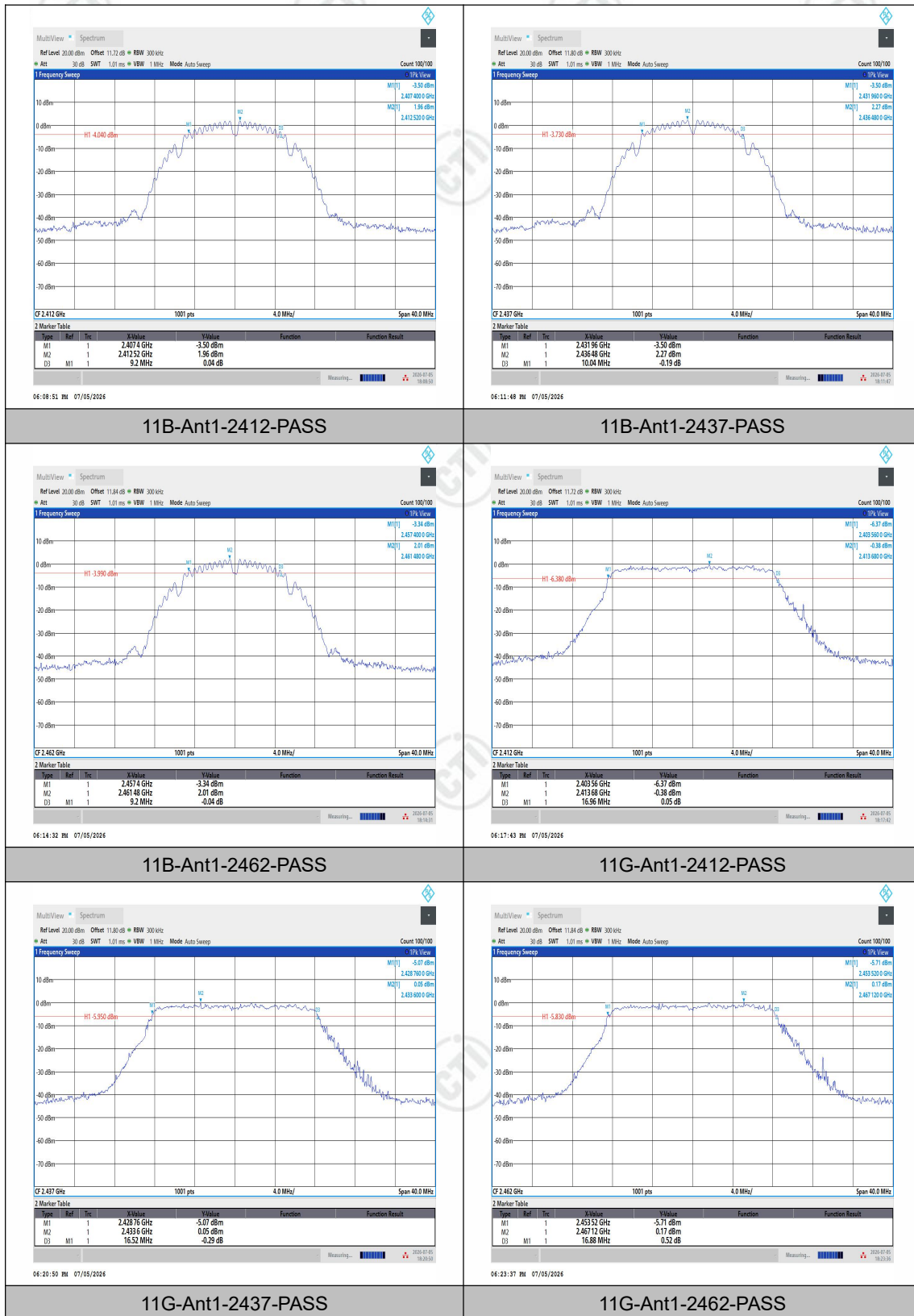
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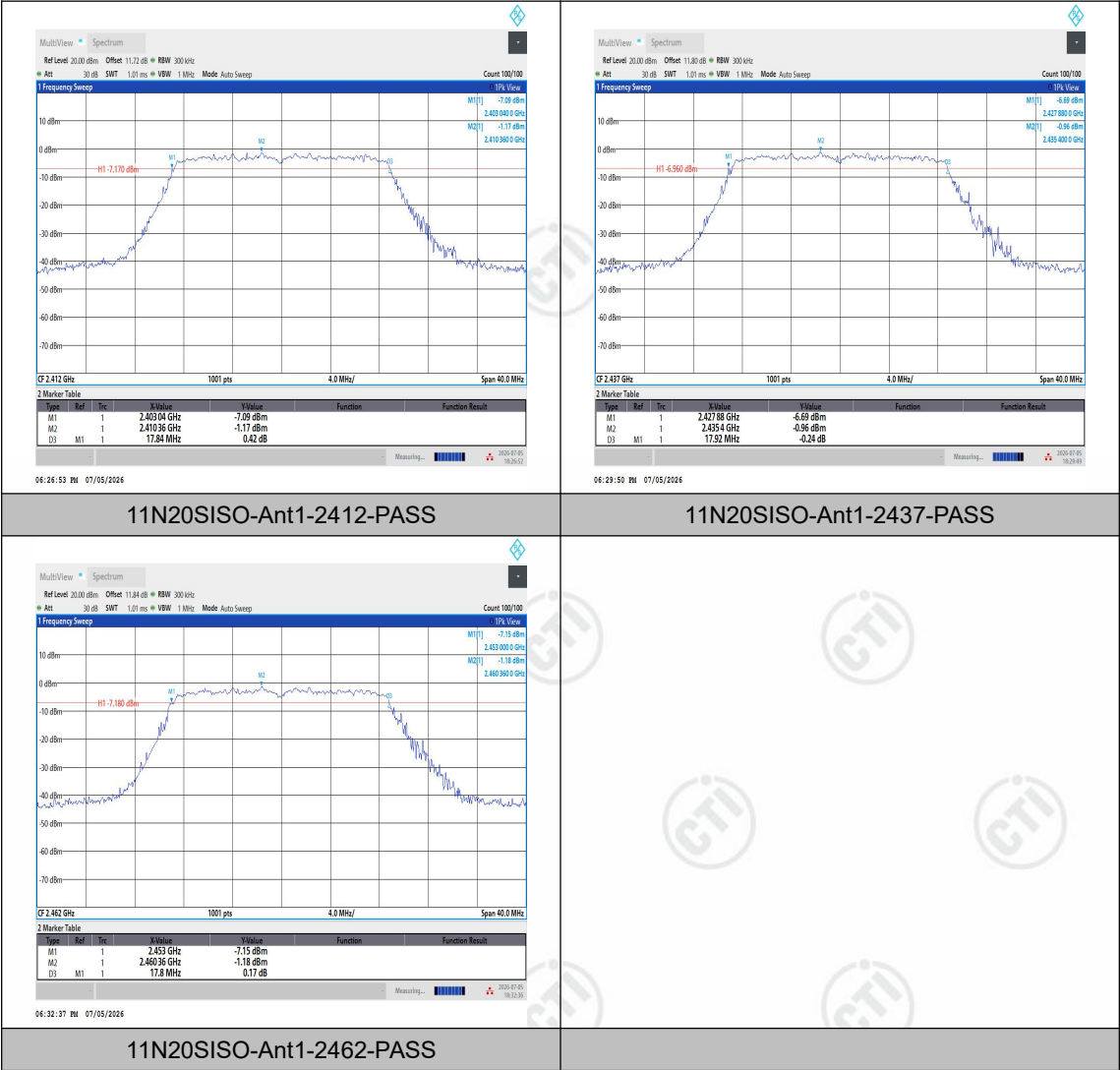
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.20	2407.40	2416.60	0.5	PASS
11B	Ant1	2437	10.04	2431.96	2442.00	0.5	PASS
11B	Ant1	2462	9.20	2457.40	2466.60	0.5	PASS
11G	Ant1	2412	16.96	2403.56	2420.52	0.5	PASS
11G	Ant1	2437	16.52	2428.76	2445.28	0.5	PASS
11G	Ant1	2462	16.88	2453.52	2470.40	0.5	PASS
11N20SISO	Ant1	2412	17.84	2403.04	2420.88	0.5	PASS
11N20SISO	Ant1	2437	17.92	2427.88	2445.80	0.5	PASS
11N20SISO	Ant1	2462	17.80	2453.00	2470.80	0.5	PASS

Test Graphs



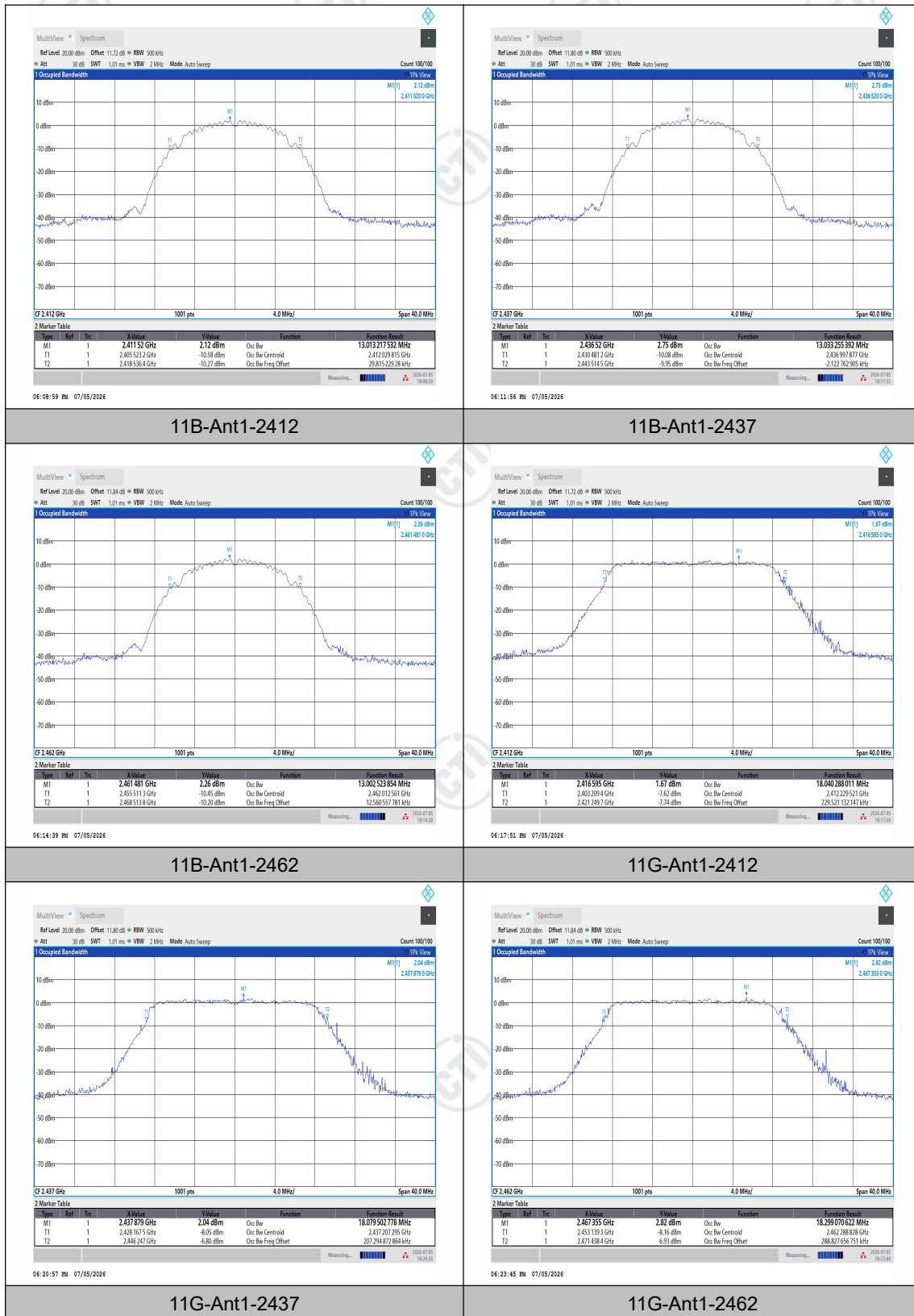


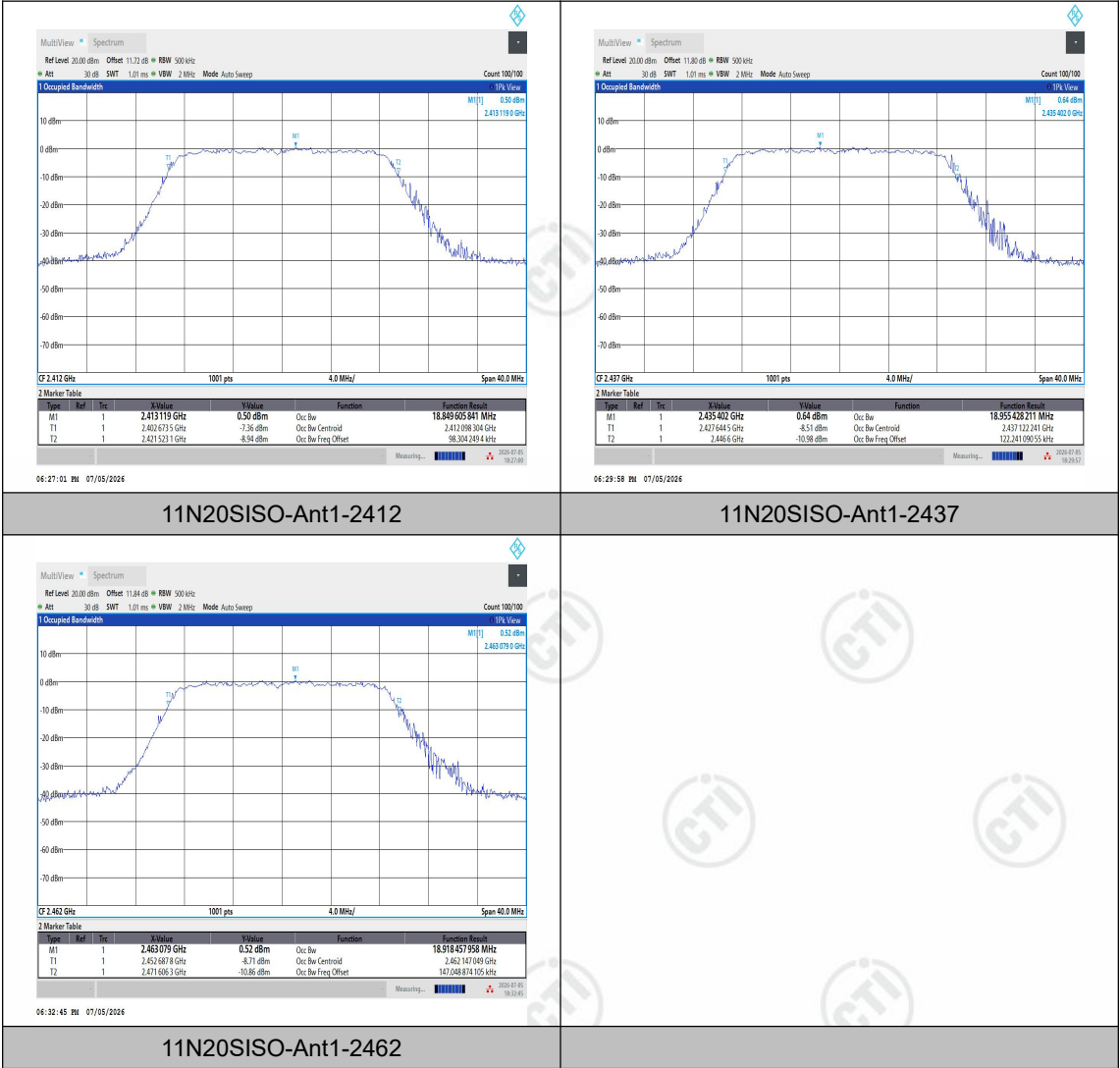
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.013	2405.5232	2418.5364	---	---
11B	Ant1	2437	13.033	2430.4812	2443.5145	---	---
11B	Ant1	2462	13.003	2455.5113	2468.5138	---	---
11G	Ant1	2412	18.040	2403.2094	2421.2497	---	---
11G	Ant1	2437	18.080	2428.1675	2446.2470	---	---
11G	Ant1	2462	18.299	2453.1393	2471.4384	---	---
11N20SISO	Ant1	2412	18.850	2402.6735	2421.5231	---	---
11N20SISO	Ant1	2437	18.955	2427.6445	2446.6000	---	---
11N20SISO	Ant1	2462	18.918	2452.6878	2471.6063	---	---

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	10.81	≤30.00	13.31	≤36.00	PASS
11B	Ant1	2437	10.97	≤30.00	13.47	≤36.00	PASS
11B	Ant1	2462	10.67	≤30.00	13.17	≤36.00	PASS
11G	Ant1	2412	9.10	≤30.00	11.60	≤36.00	PASS
11G	Ant1	2437	9.14	≤30.00	11.64	≤36.00	PASS
11G	Ant1	2462	9.11	≤30.00	11.61	≤36.00	PASS
11N20SISO	Ant1	2412	8.24	≤30.00	10.74	≤36.00	PASS
11N20SISO	Ant1	2437	8.25	≤30.00	10.75	≤36.00	PASS
11N20SISO	Ant1	2462	8.14	≤30.00	10.64	≤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	-17.70	≤8.00	PASS
11B	Ant1	2437	-16.69	≤8.00	PASS
11B	Ant1	2462	-17.97	≤8.00	PASS
11G	Ant1	2412	-20.90	≤8.00	PASS
11G	Ant1	2437	-20.98	≤8.00	PASS
11G	Ant1	2462	-20.82	≤8.00	PASS
11N20SISO	Ant1	2412	-22.22	≤8.00	PASS
11N20SISO	Ant1	2437	-21.27	≤8.00	PASS
11N20SISO	Ant1	2462	-21.69	≤8.00	PASS

Test Graphs

