

Appendix: 2.4G Wi-Fi

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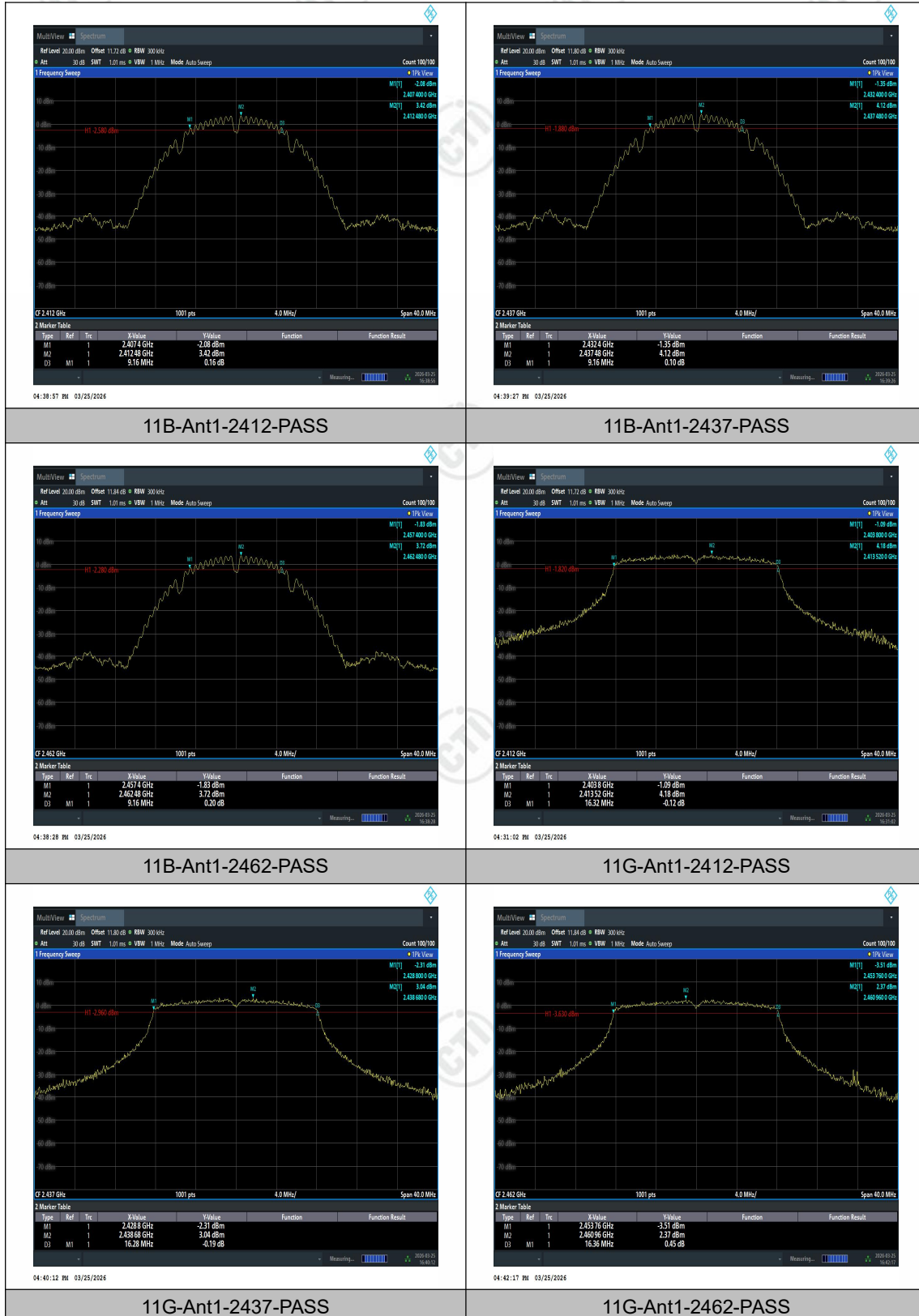
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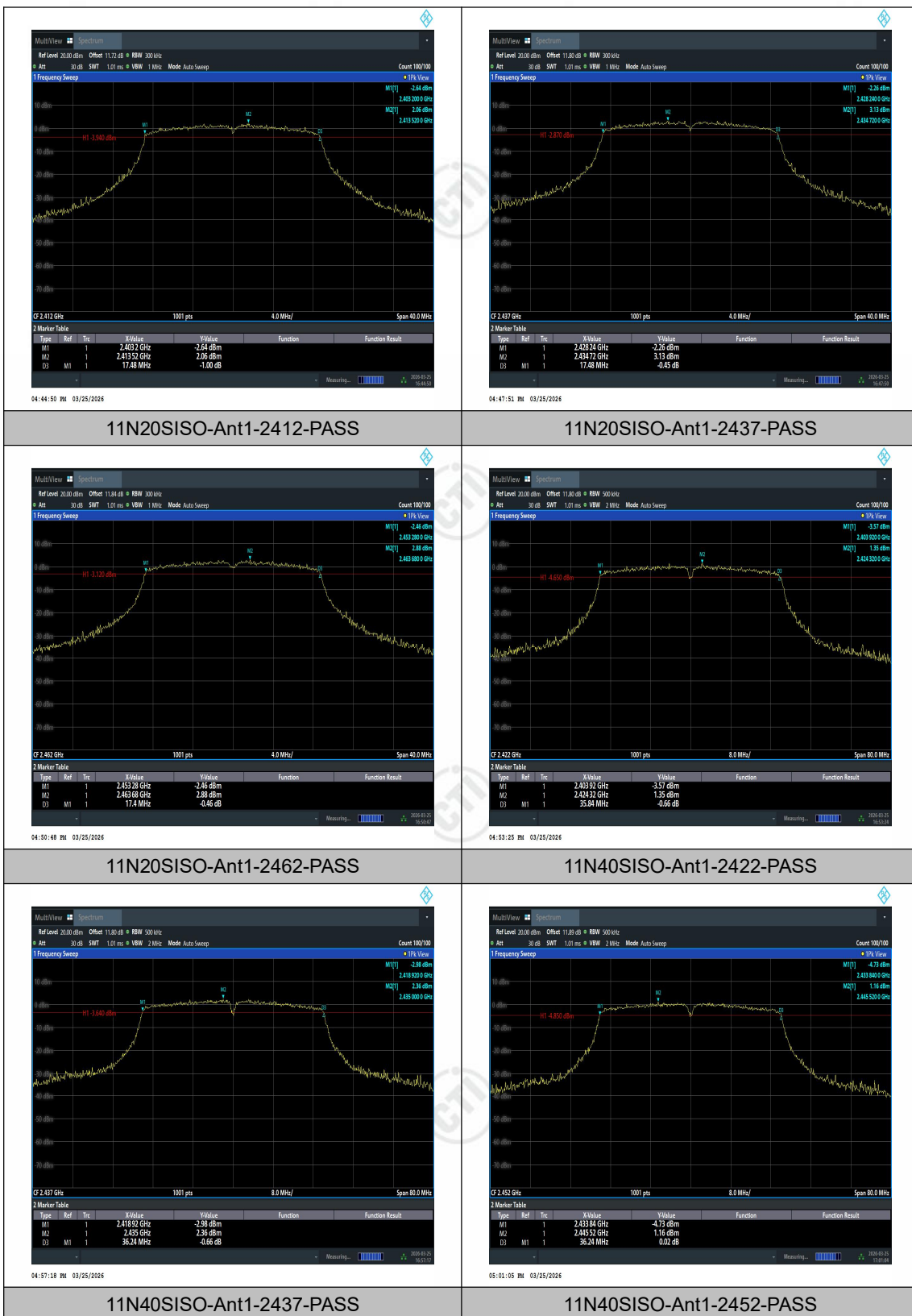
Appendix A: DTS Bandwidth

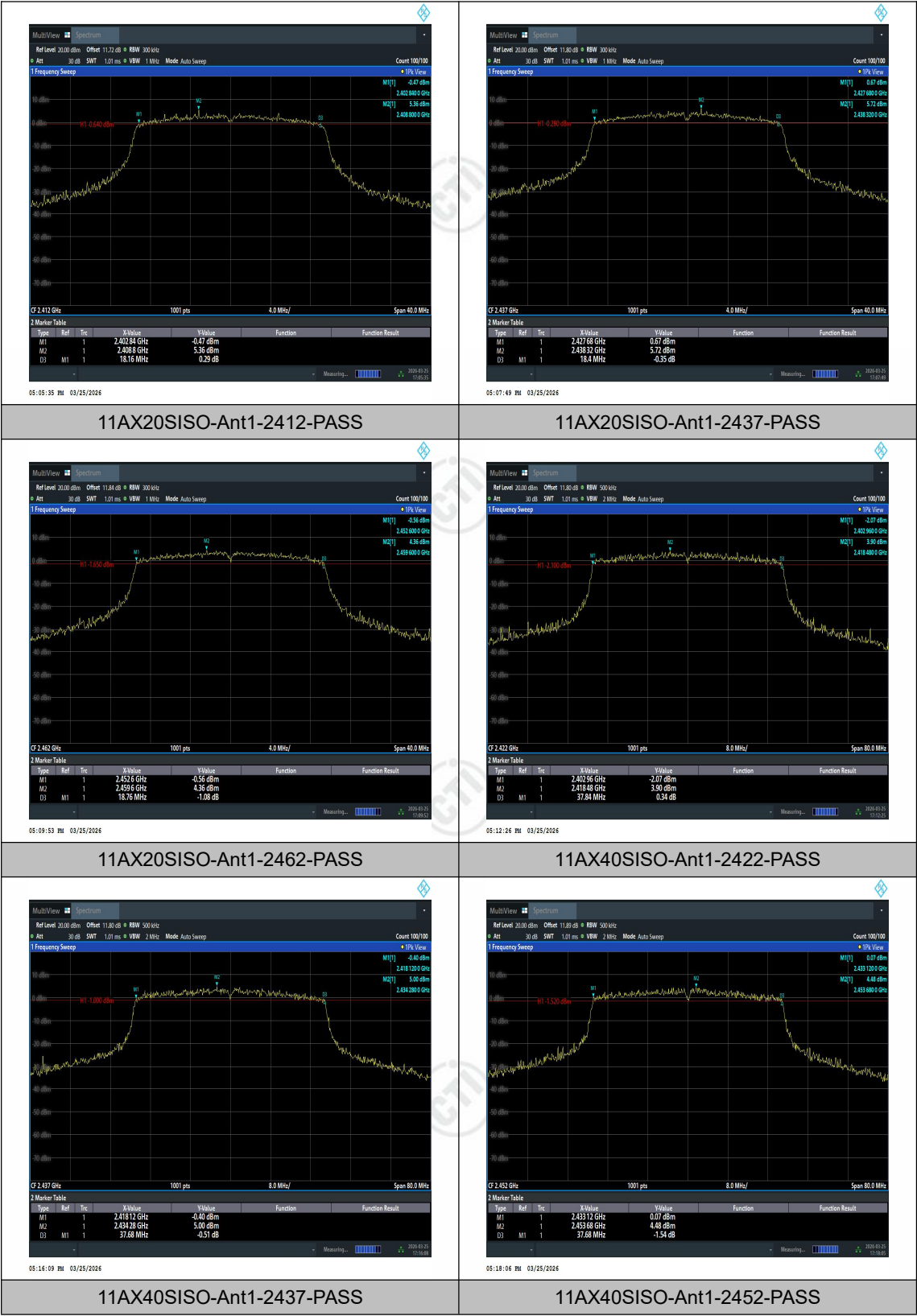
Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.16	2407.40	2416.56	0.5	PASS
11B	Ant1	2437	9.16	2432.40	2441.56	0.5	PASS
11B	Ant1	2462	9.16	2457.40	2466.56	0.5	PASS
11G	Ant1	2412	16.32	2403.80	2420.12	0.5	PASS
11G	Ant1	2437	16.28	2428.80	2445.08	0.5	PASS
11G	Ant1	2462	16.36	2453.76	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.48	2403.20	2420.68	0.5	PASS
11N20SISO	Ant1	2437	17.48	2428.24	2445.72	0.5	PASS
11N20SISO	Ant1	2462	17.40	2453.28	2470.68	0.5	PASS
11N40SISO	Ant1	2422	35.84	2403.92	2439.76	0.5	PASS
11N40SISO	Ant1	2437	36.24	2418.92	2455.16	0.5	PASS
11N40SISO	Ant1	2452	36.24	2433.84	2470.08	0.5	PASS
11AX20SISO	Ant1	2412	18.16	2402.84	2421.00	0.5	PASS
11AX20SISO	Ant1	2437	18.40	2427.68	2446.08	0.5	PASS
11AX20SISO	Ant1	2462	18.76	2452.60	2471.36	0.5	PASS
11AX40SISO	Ant1	2422	37.84	2402.96	2440.80	0.5	PASS
11AX40SISO	Ant1	2437	37.68	2418.12	2455.80	0.5	PASS
11AX40SISO	Ant1	2452	37.68	2433.12	2470.80	0.5	PASS

Test Graphs





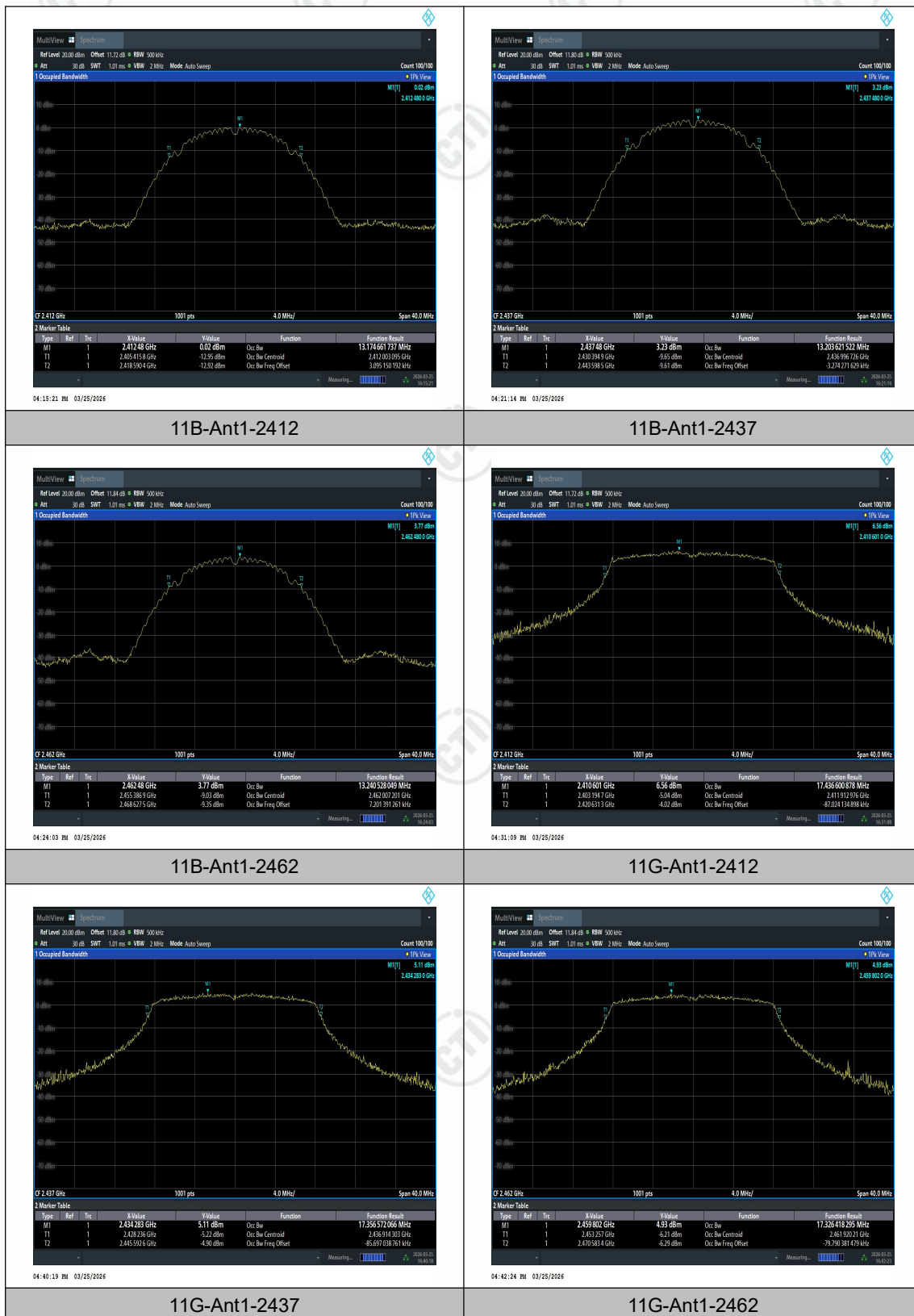


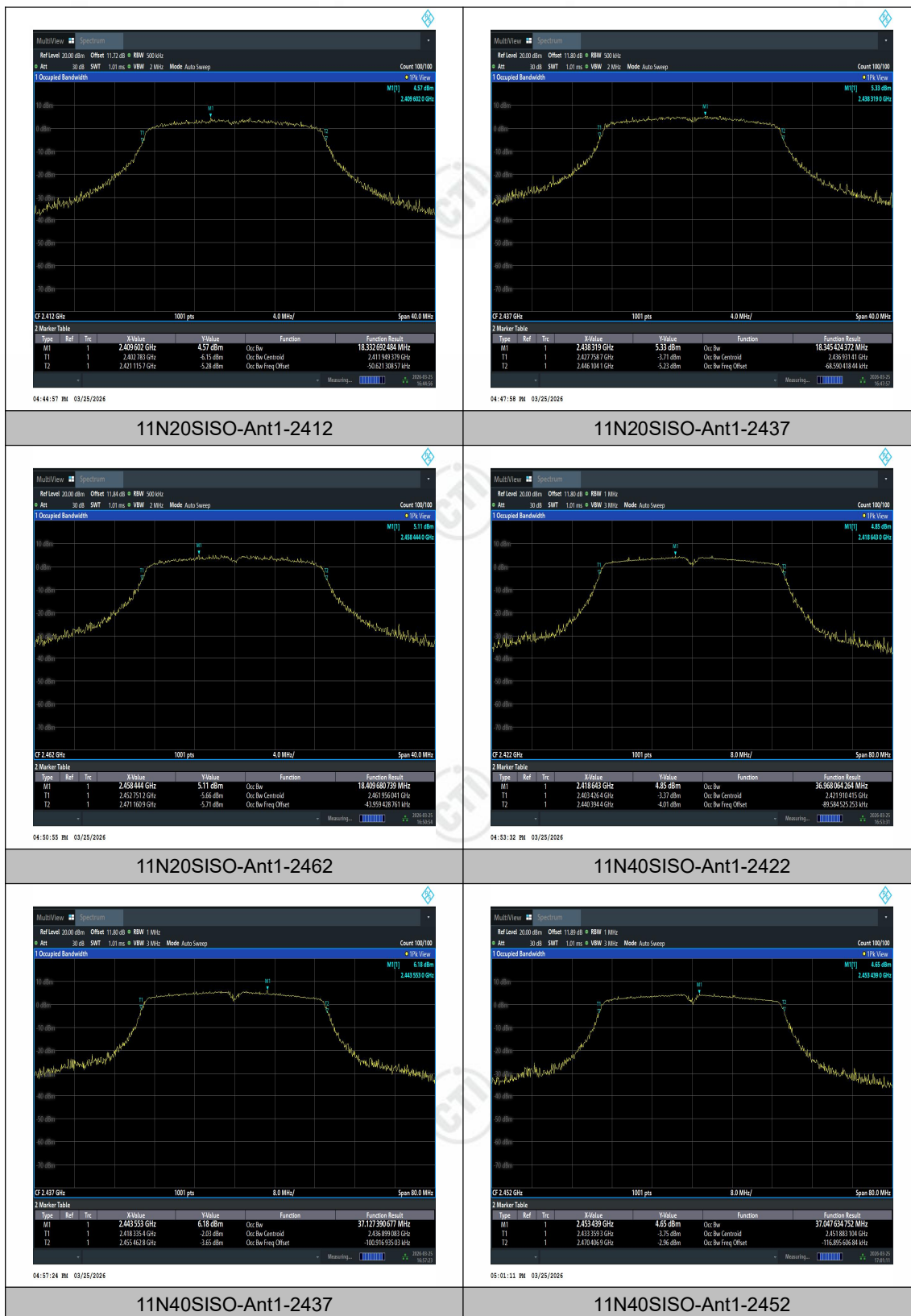
Appendix B: Occupied Channel Bandwidth

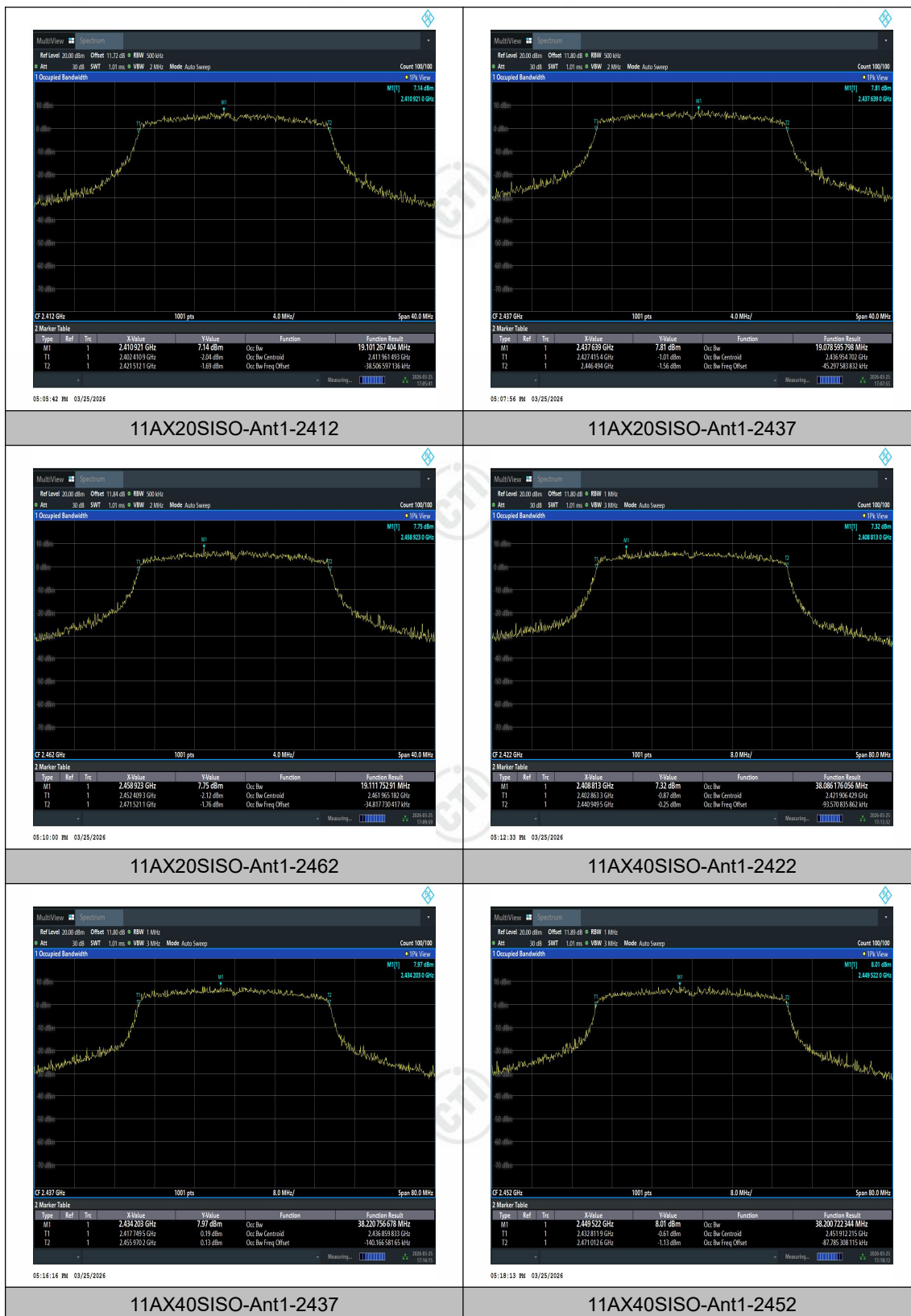
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	13.175	2405.4158	2418.5904
11B	Ant1	2437	13.204	2430.3949	2443.5985
11B	Ant1	2462	13.241	2455.3869	2468.6275
11G	Ant1	2412	17.437	2403.1947	2420.6313
11G	Ant1	2437	17.357	2428.2360	2445.5926
11G	Ant1	2462	17.326	2453.2570	2470.5834
11N20SISO	Ant1	2412	18.333	2402.7830	2421.1157
11N20SISO	Ant1	2437	18.345	2427.7587	2446.1041
11N20SISO	Ant1	2462	18.410	2452.7512	2471.1609
11N40SISO	Ant1	2422	36.968	2403.4264	2440.3944
11N40SISO	Ant1	2437	37.127	2418.3354	2455.4628
11N40SISO	Ant1	2452	37.048	2433.3593	2470.4069
11AX20SISO	Ant1	2412	19.101	2402.4109	2421.5121
11AX20SISO	Ant1	2437	19.079	2427.4154	2446.4940
11AX20SISO	Ant1	2462	19.112	2452.4093	2471.5211
11AX40SISO	Ant1	2422	38.086	2402.8633	2440.9495
11AX40SISO	Ant1	2437	38.221	2417.7495	2455.9702
11AX40SISO	Ant1	2452	38.201	2432.8119	2471.0126

Test Graphs







Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	12.20	≤30.00	14.03	≤36.00	PASS
11B	Ant1	2437	---	12.97	≤30.00	14.80	≤36.00	PASS
11B	Ant1	2462	---	12.70	≤30.00	14.53	≤36.00	PASS
11G	Ant1	2412	---	11.19	≤30.00	13.02	≤36.00	PASS
11G	Ant1	2437	---	11.72	≤30.00	13.55	≤36.00	PASS
11G	Ant1	2462	---	11.33	≤30.00	13.16	≤36.00	PASS
11N20SISO	Ant1	2412	---	11.57	≤30.00	13.40	≤36.00	PASS
11N20SISO	Ant1	2437	---	11.25	≤30.00	13.08	≤36.00	PASS
11N20SISO	Ant1	2462	---	11.75	≤30.00	13.58	≤36.00	PASS
11N40SISO	Ant1	2422	---	11.36	≤30.00	13.19	≤36.00	PASS
11N40SISO	Ant1	2437	---	11.41	≤30.00	13.24	≤36.00	PASS
11N40SISO	Ant1	2452	---	11.46	≤30.00	13.29	≤36.00	PASS
11AX20SISO	Ant1	2412	---	11.17	≤30.00	13.00	≤36.00	PASS
11AX20SISO	Ant1	2437	---	12.03	≤30.00	13.86	≤36.00	PASS
11AX20SISO	Ant1	2462	---	11.55	≤30.00	13.38	≤36.00	PASS
11AX40SISO	Ant1	2422	---	11.95	≤30.00	13.78	≤36.00	PASS
11AX40SISO	Ant1	2437	---	11.38	≤30.00	13.21	≤36.00	PASS
11AX40SISO	Ant1	2452	---	11.67	≤30.00	13.50	≤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	-18.83	≤8.00	PASS
11B	Ant1	2437	-18.91	≤8.00	PASS
11B	Ant1	2462	-18.87	≤8.00	PASS
11G	Ant1	2412	-21.13	≤8.00	PASS
11G	Ant1	2437	-21.18	≤8.00	PASS
11G	Ant1	2462	-21.73	≤8.00	PASS
11N20SISO	Ant1	2412	-21.23	≤8.00	PASS
11N20SISO	Ant1	2437	-22.00	≤8.00	PASS
11N20SISO	Ant1	2462	-21.38	≤8.00	PASS
11N40SISO	Ant1	2422	-23.89	≤8.00	PASS
11N40SISO	Ant1	2437	-25.08	≤8.00	PASS
11N40SISO	Ant1	2452	-24.71	≤8.00	PASS
11AX20SISO	Ant1	2412	-22.78	≤8.00	PASS
11AX20SISO	Ant1	2437	-22.05	≤8.00	PASS
11AX20SISO	Ant1	2462	-22.10	≤8.00	PASS
11AX40SISO	Ant1	2422	-25.55	≤8.00	PASS
11AX40SISO	Ant1	2437	-25.25	≤8.00	PASS
11AX40SISO	Ant1	2452	-25.15	≤8.00	PASS

Test Graphs

