

Appendix: 2.4G Wi-Fi

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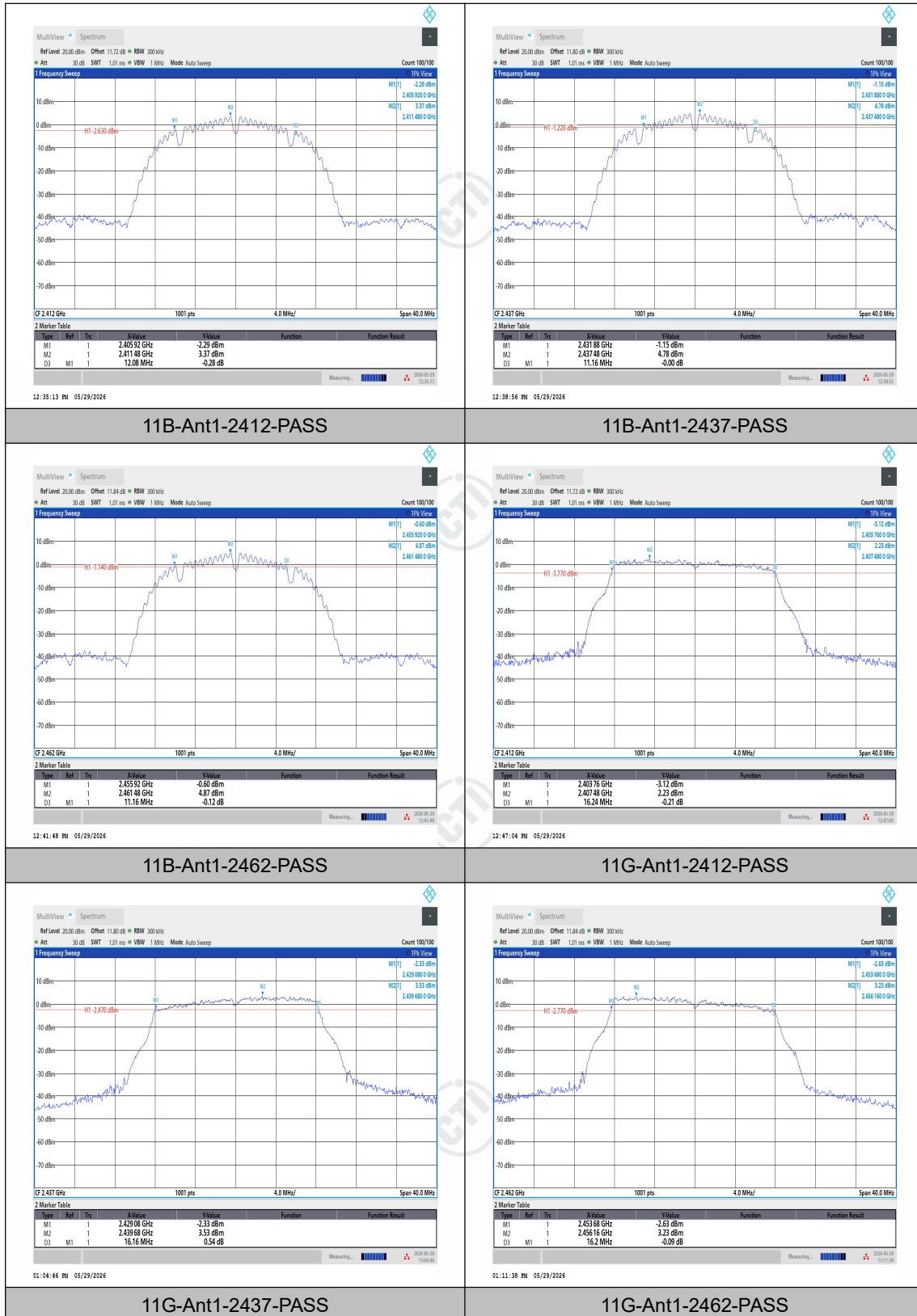
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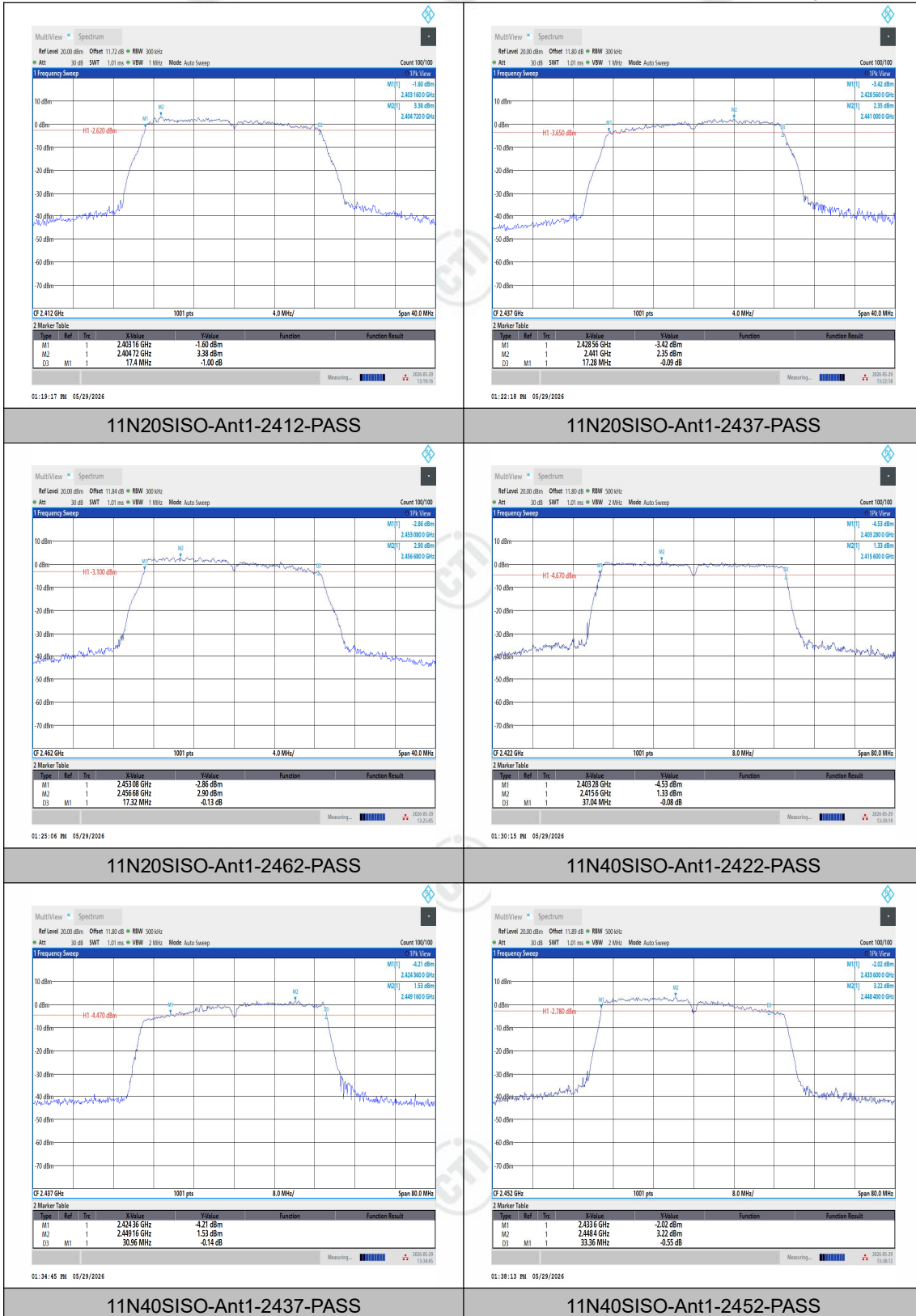
Appendix A: DTS Bandwidth

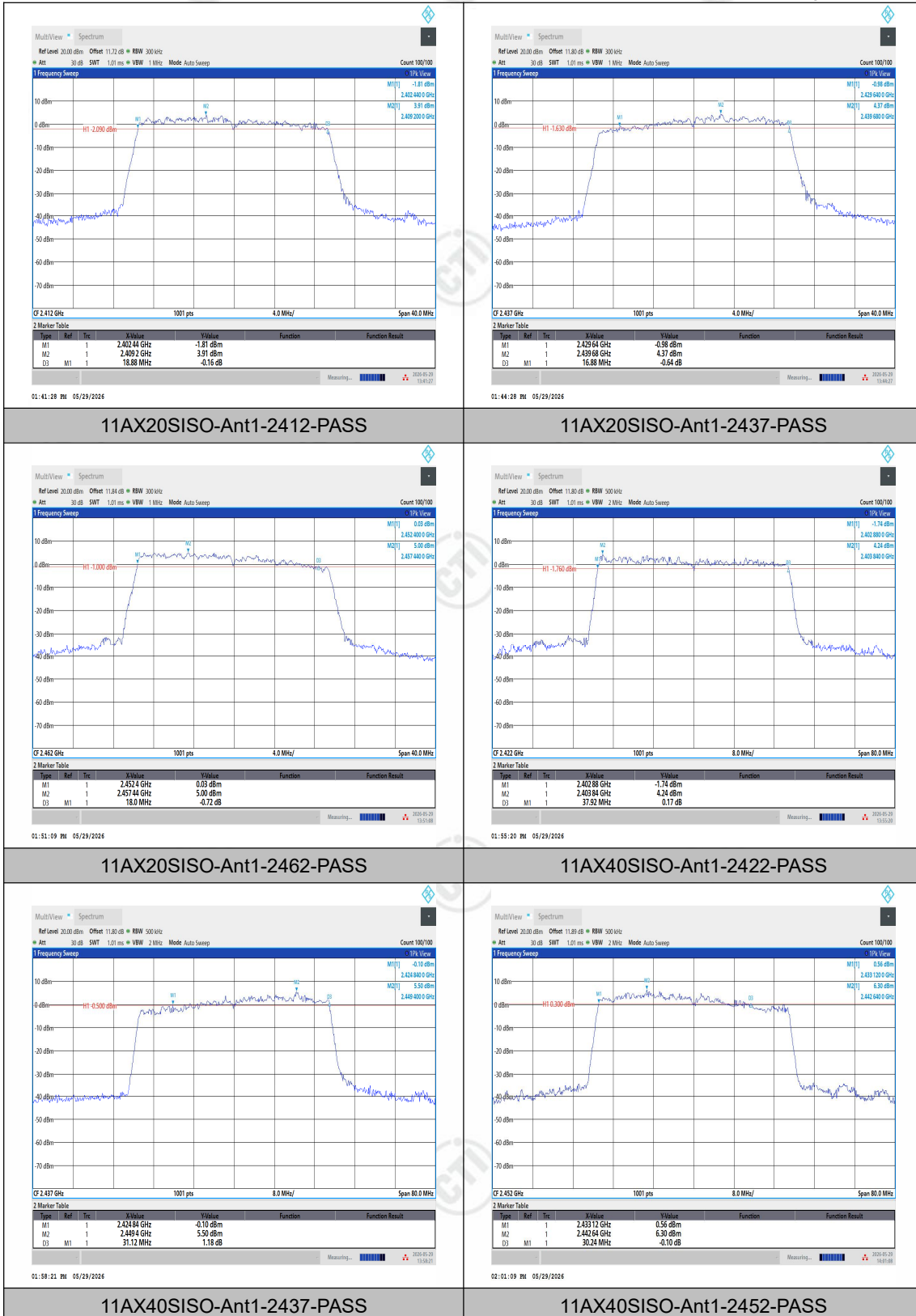
Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.08	2405.92	2418.00	0.5	PASS
11B	Ant1	2437	11.16	2431.88	2443.04	0.5	PASS
11B	Ant1	2462	11.16	2455.92	2467.08	0.5	PASS
11G	Ant1	2412	16.24	2403.76	2420.00	0.5	PASS
11G	Ant1	2437	16.16	2429.08	2445.24	0.5	PASS
11G	Ant1	2462	16.20	2453.68	2469.88	0.5	PASS
11N20SISO	Ant1	2412	17.40	2403.16	2420.56	0.5	PASS
11N20SISO	Ant1	2437	17.28	2428.56	2445.84	0.5	PASS
11N20SISO	Ant1	2462	17.32	2453.08	2470.40	0.5	PASS
11N40SISO	Ant1	2422	37.04	2403.28	2440.32	0.5	PASS
11N40SISO	Ant1	2437	30.96	2424.36	2455.32	0.5	PASS
11N40SISO	Ant1	2452	33.36	2433.60	2466.96	0.5	PASS
11AX20SISO	Ant1	2412	18.88	2402.44	2421.32	0.5	PASS
11AX20SISO	Ant1	2437	16.88	2429.64	2446.52	0.5	PASS
11AX20SISO	Ant1	2462	18.00	2452.40	2470.40	0.5	PASS
11AX40SISO	Ant1	2422	37.92	2402.88	2440.80	0.5	PASS
11AX40SISO	Ant1	2437	31.12	2424.84	2455.96	0.5	PASS
11AX40SISO	Ant1	2452	30.24	2433.12	2463.36	0.5	PASS

Test Graphs





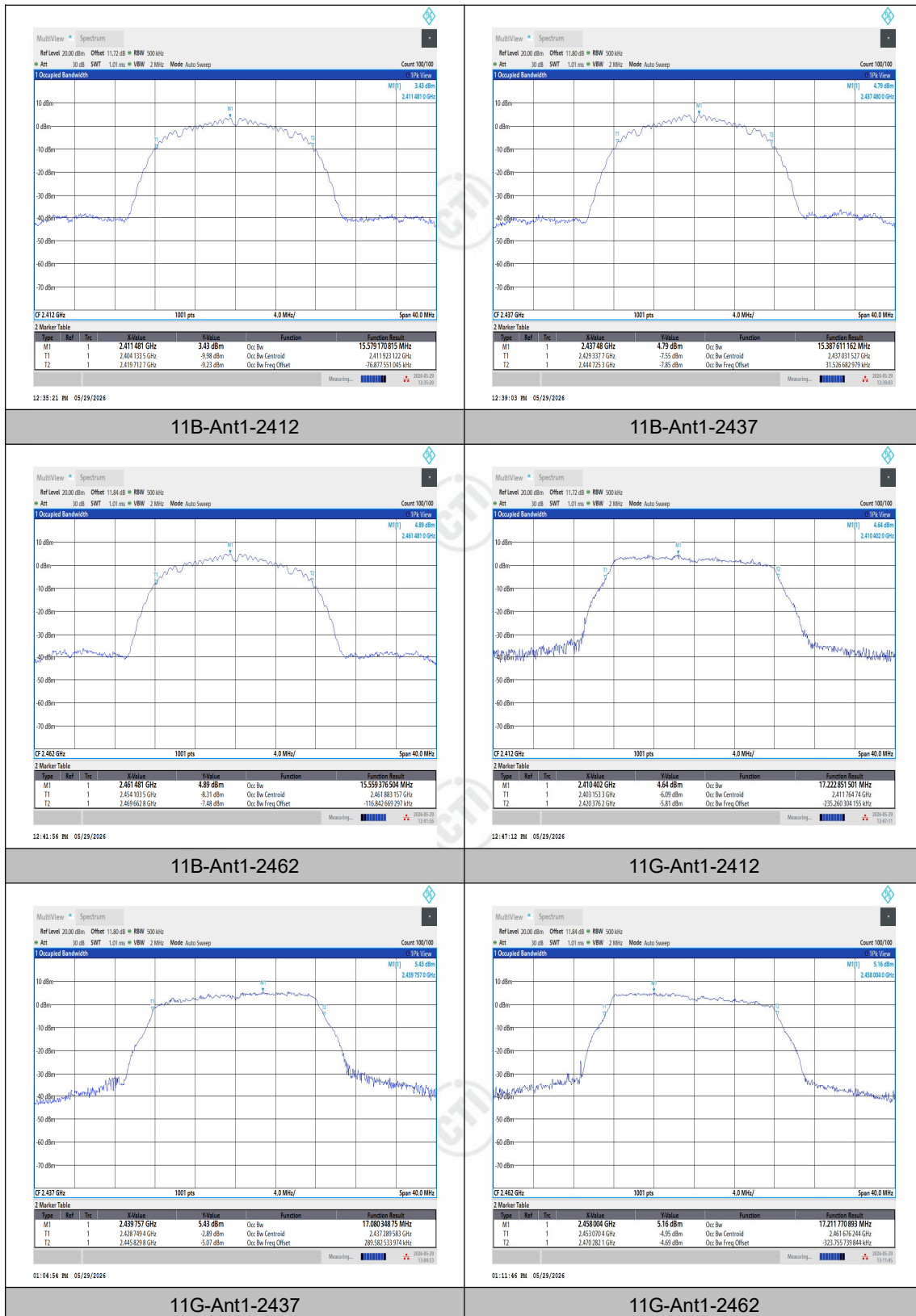


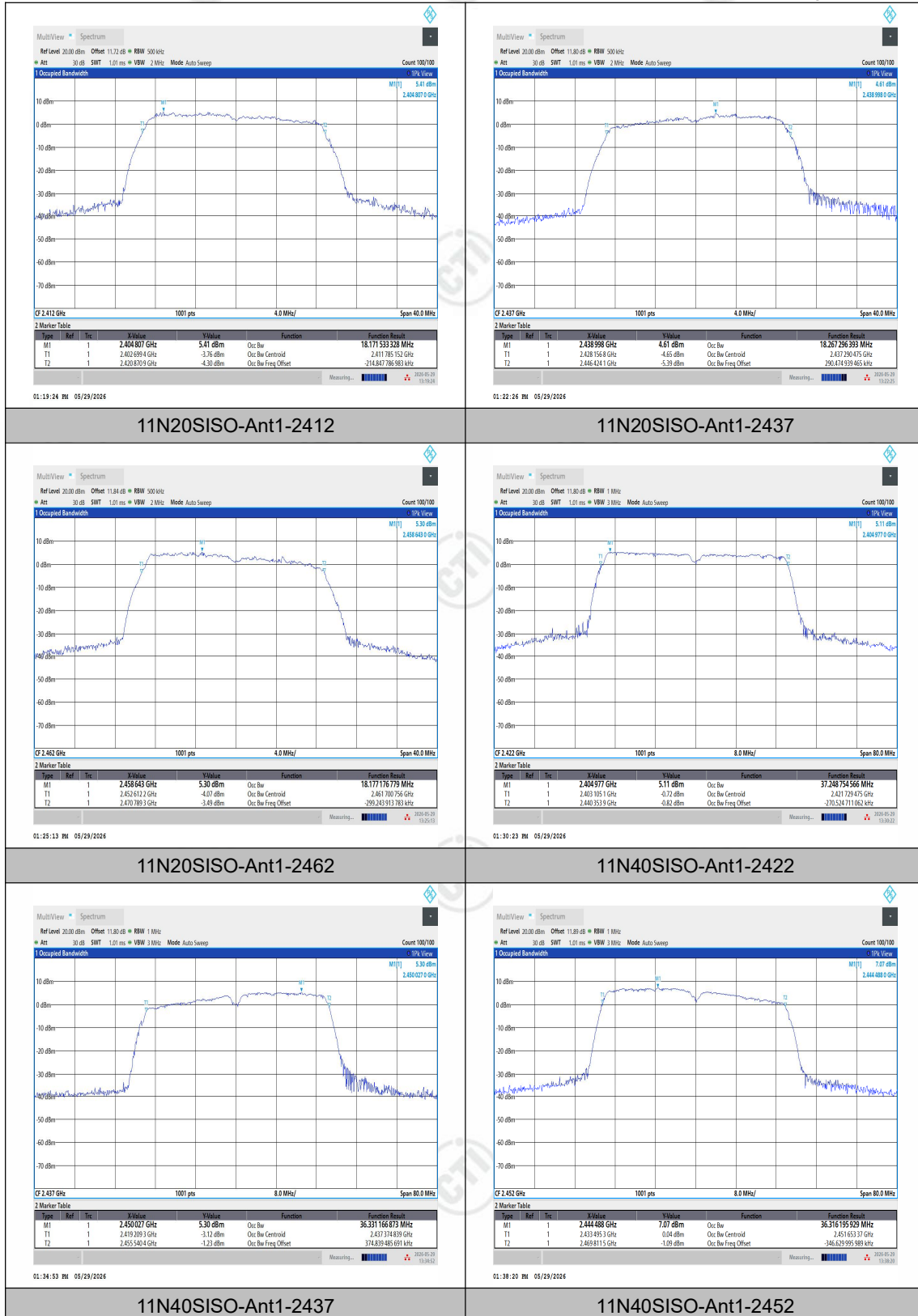
Appendix B: Occupied Channel Bandwidth

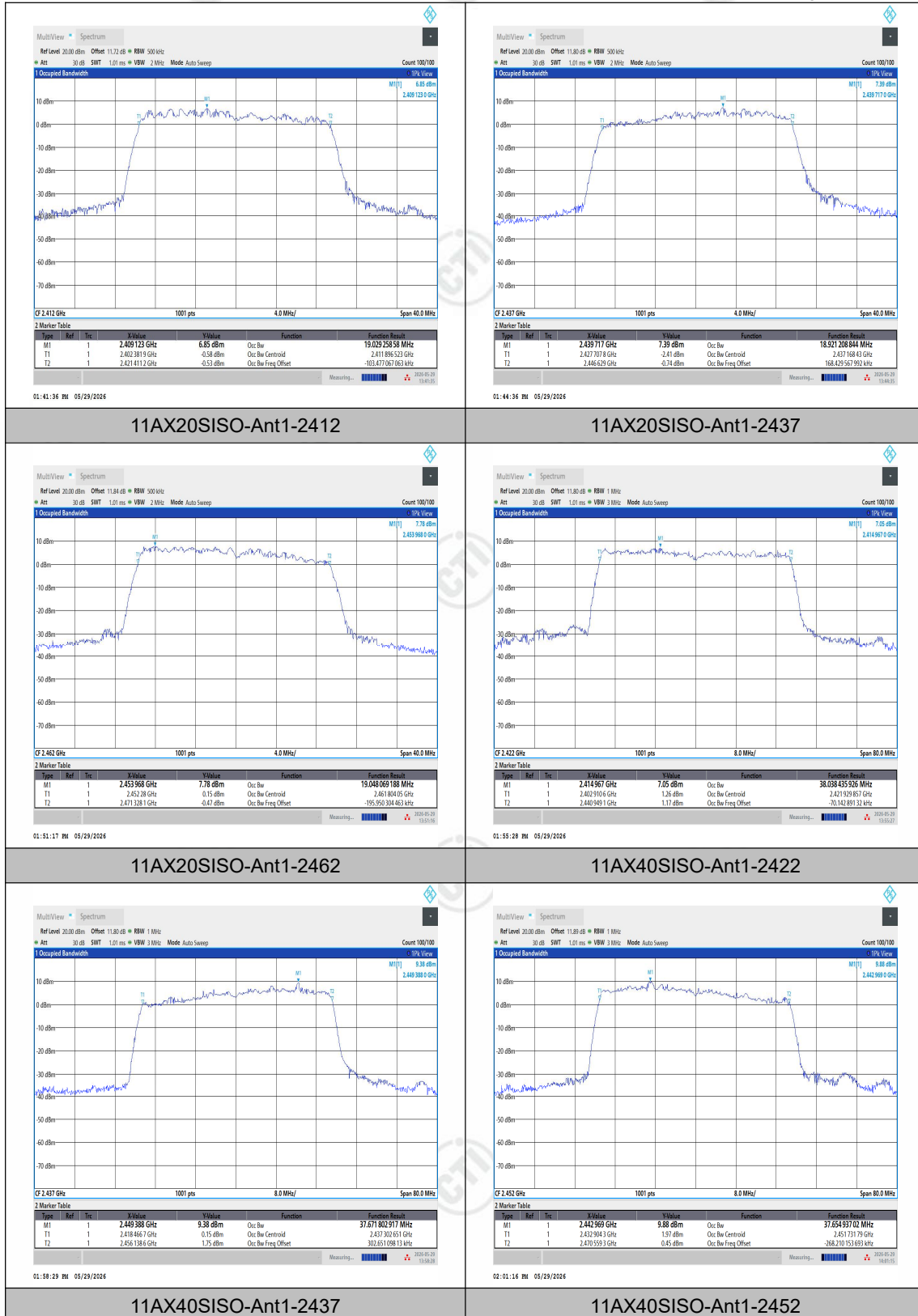
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	15.579	2404.1335	2419.7127	---	---
11B	Ant1	2437	15.388	2429.3377	2444.7253	---	---
11B	Ant1	2462	15.559	2454.1035	2469.6628	---	---
11G	Ant1	2412	17.223	2403.1533	2420.3762	---	---
11G	Ant1	2437	17.080	2428.7494	2445.8298	---	---
11G	Ant1	2462	17.212	2453.0704	2470.2821	---	---
11N20SISO	Ant1	2412	18.172	2402.6994	2420.8709	---	---
11N20SISO	Ant1	2437	18.267	2428.1568	2446.4241	---	---
11N20SISO	Ant1	2462	18.177	2452.6122	2470.7893	---	---
11N40SISO	Ant1	2422	37.249	2403.1051	2440.3539	---	---
11N40SISO	Ant1	2437	36.331	2419.2093	2455.5404	---	---
11N40SISO	Ant1	2452	36.316	2433.4953	2469.8115	---	---
11AX20SISO	Ant1	2412	19.029	2402.3819	2421.4112	---	---
11AX20SISO	Ant1	2437	18.921	2427.7078	2446.6290	---	---
11AX20SISO	Ant1	2462	19.048	2452.2800	2471.3281	---	---
11AX40SISO	Ant1	2422	38.038	2402.9106	2440.9491	---	---
11AX40SISO	Ant1	2437	37.672	2418.4667	2456.1386	---	---
11AX40SISO	Ant1	2452	37.655	2432.9043	2470.5593	---	---

Test Graphs







Appendix C: Maximum conducted output power

Test Result

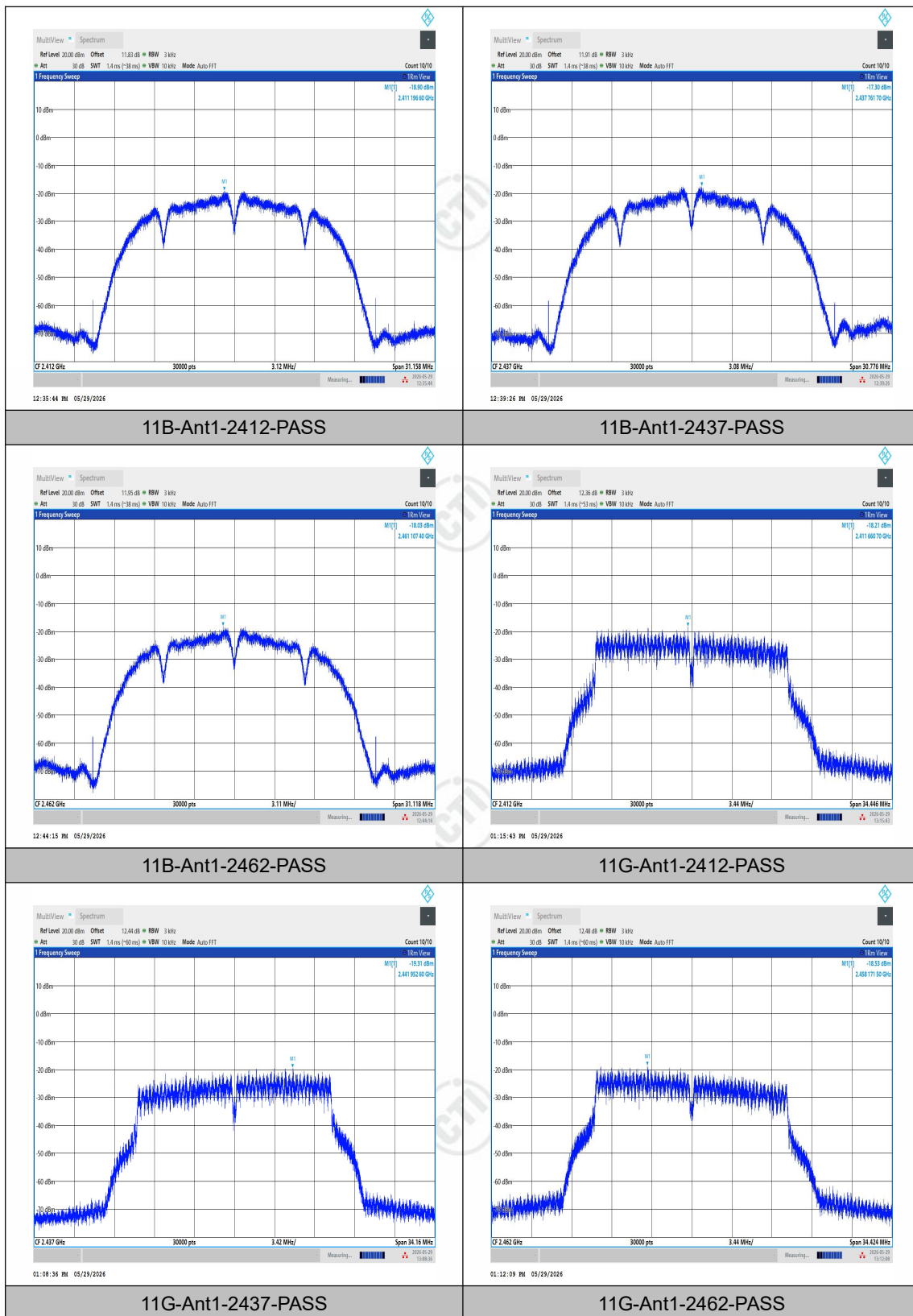
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	12.02	≤30.00	12.32	≤36.00	PASS
11B	Ant1	2437	12.97	≤30.00	13.27	≤36.00	PASS
11B	Ant1	2462	12.38	≤30.00	12.68	≤36.00	PASS
11G	Ant1	2412	11.75	≤30.00	12.05	≤36.00	PASS
11G	Ant1	2437	11.00	≤30.00	11.30	≤36.00	PASS
11G	Ant1	2462	11.63	≤30.00	11.93	≤36.00	PASS
11N20SISO	Ant1	2412	11.70	≤30.00	12.00	≤36.00	PASS
11N20SISO	Ant1	2437	11.01	≤30.00	11.31	≤36.00	PASS
11N20SISO	Ant1	2462	11.64	≤30.00	11.94	≤36.00	PASS
11N40SISO	Ant1	2422	11.64	≤30.00	11.94	≤36.00	PASS
11N40SISO	Ant1	2437	11.76	≤30.00	12.06	≤36.00	PASS
11N40SISO	Ant1	2452	11.77	≤30.00	12.07	≤36.00	PASS
11AX20SISO	Ant1	2412	11.02	≤30.00	11.72	≤36.00	PASS
11AX20SISO	Ant1	2437	11.87	≤30.00	12.17	≤36.00	PASS
11AX20SISO	Ant1	2462	11.69	≤30.00	11.99	≤36.00	PASS
11AX40SISO	Ant1	2422	11.67	≤30.00	11.97	≤36.00	PASS
11AX40SISO	Ant1	2437	11.78	≤30.00	12.08	≤36.00	PASS
11AX40SISO	Ant1	2452	11.49	≤30.00	11.79	≤36.00	PASS

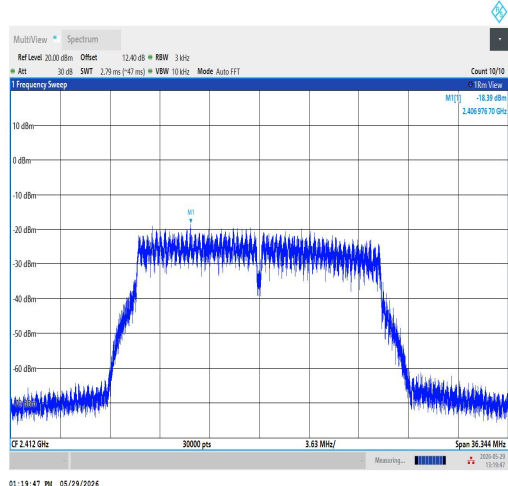
Appendix D: Maximum power spectral density

Test Result

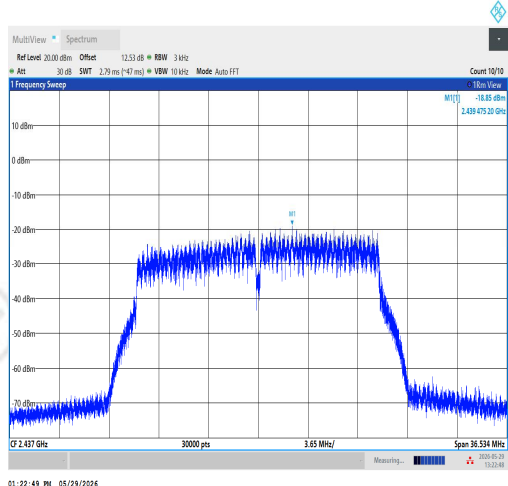
TestMode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-18.90	≤8.00	PASS
11B	Ant1	2437	-17.30	≤8.00	PASS
11B	Ant1	2462	-18.03	≤8.00	PASS
11G	Ant1	2412	-18.21	≤8.00	PASS
11G	Ant1	2437	-19.31	≤8.00	PASS
11G	Ant1	2462	-18.53	≤8.00	PASS
11N20SISO	Ant1	2412	-18.39	≤8.00	PASS
11N20SISO	Ant1	2437	-18.85	≤8.00	PASS
11N20SISO	Ant1	2462	-18.64	≤8.00	PASS
11N40SISO	Ant1	2422	-21.76	≤8.00	PASS
11N40SISO	Ant1	2437	-20.58	≤8.00	PASS
11N40SISO	Ant1	2452	-19.34	≤8.00	PASS
11AX20SISO	Ant1	2412	-19.71	≤8.00	PASS
11AX20SISO	Ant1	2437	-19.17	≤8.00	PASS
11AX20SISO	Ant1	2462	-19.67	≤8.00	PASS
11AX40SISO	Ant1	2422	-21.83	≤8.00	PASS
11AX40SISO	Ant1	2437	-20.44	≤8.00	PASS
11AX40SISO	Ant1	2452	-21.42	≤8.00	PASS

Test Graphs

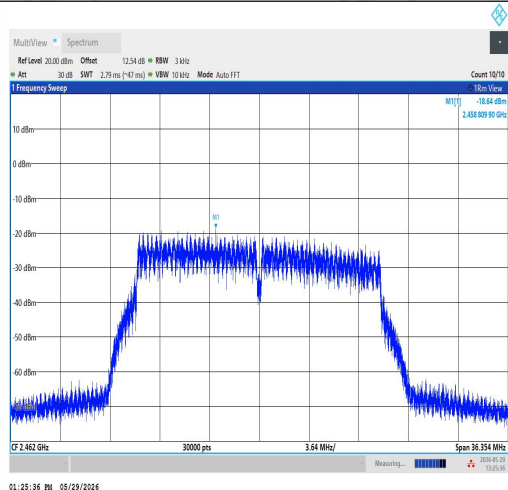




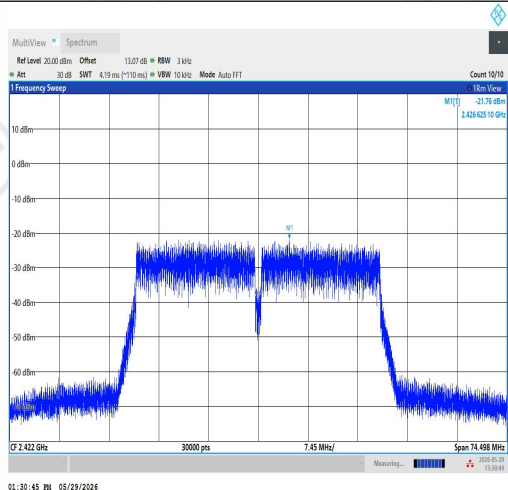
11N20SISO-Ant1-2412-PASS



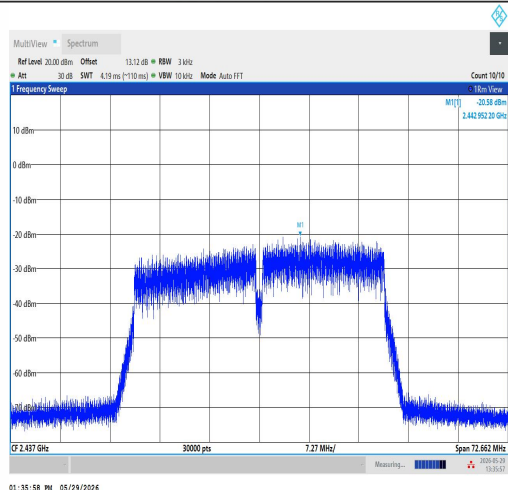
11N20SISO-Ant1-2437-PASS



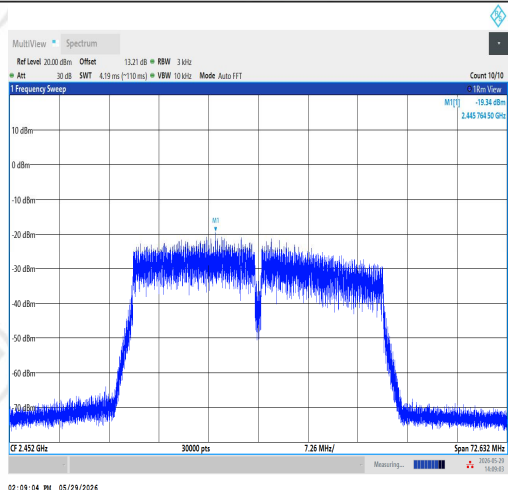
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS