

Appendix Test Data

Report No.:	1813C40211912502	Test Sample No.:	1-2-2
Start Test Date:	2024.12.4	Finish Test Date:	2024.12.24
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.8°C	Relative Humidity:	52%
Pressure:	101kPa		

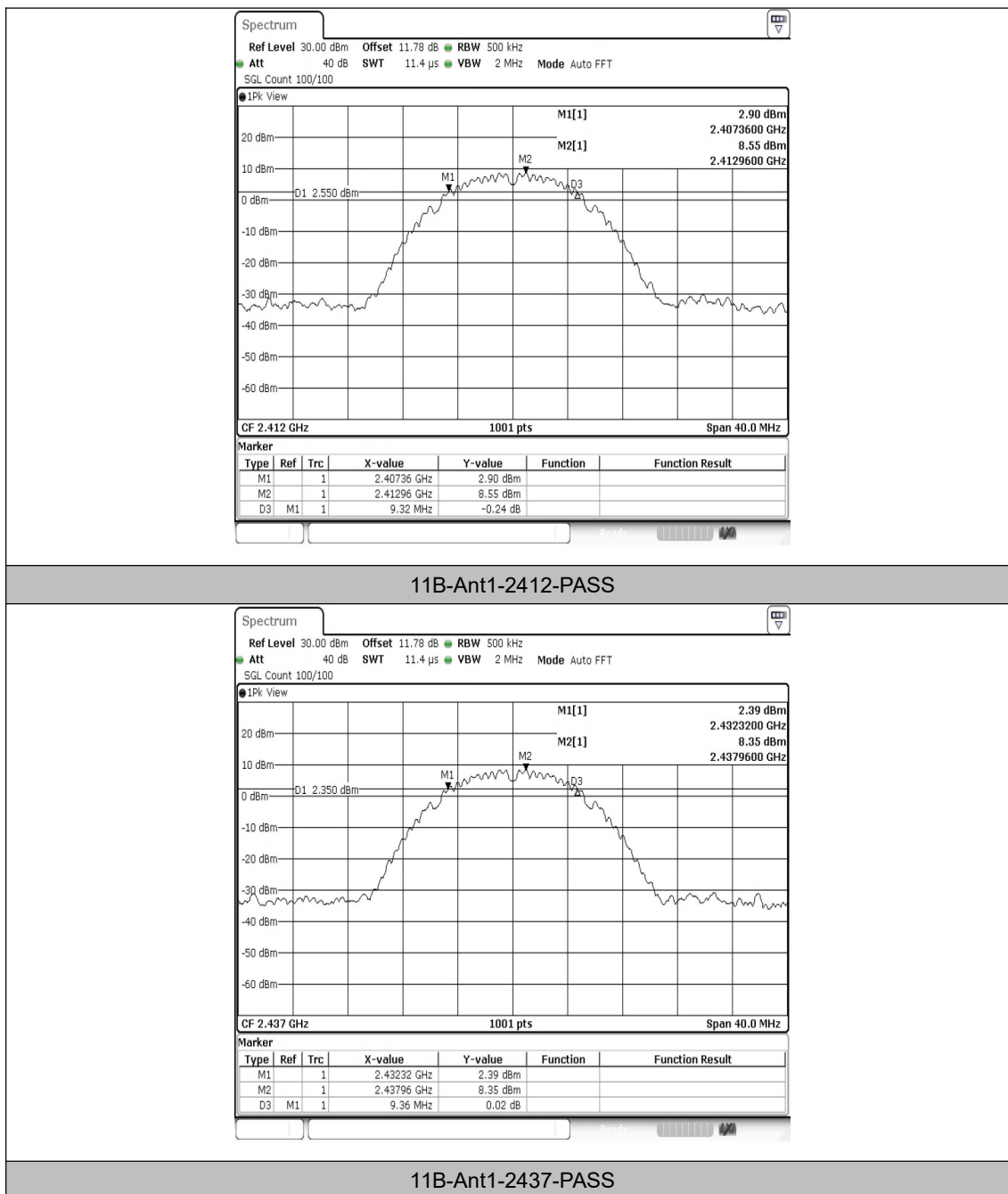
Appendix A: 6dB Bandwidth

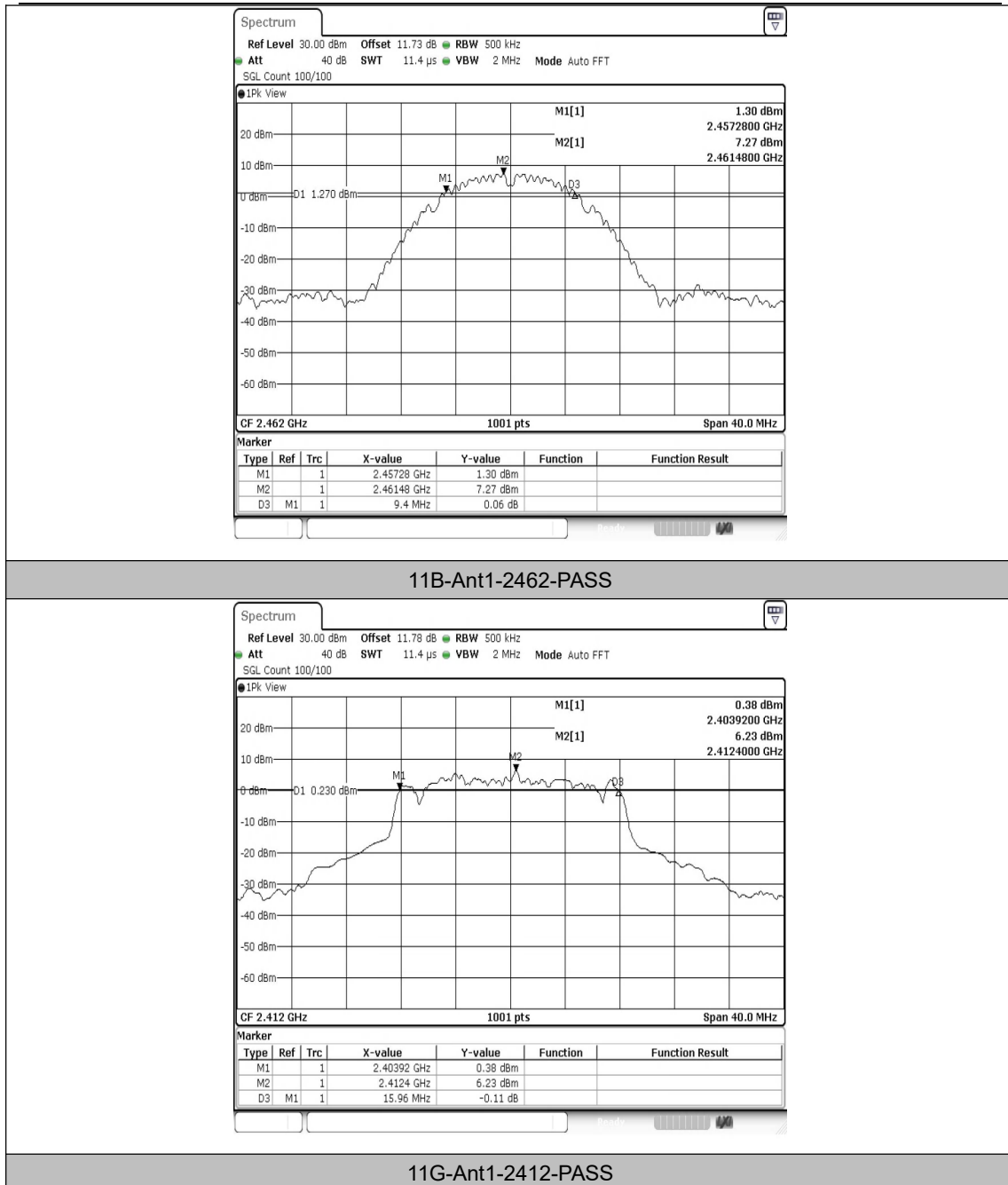
Test Result

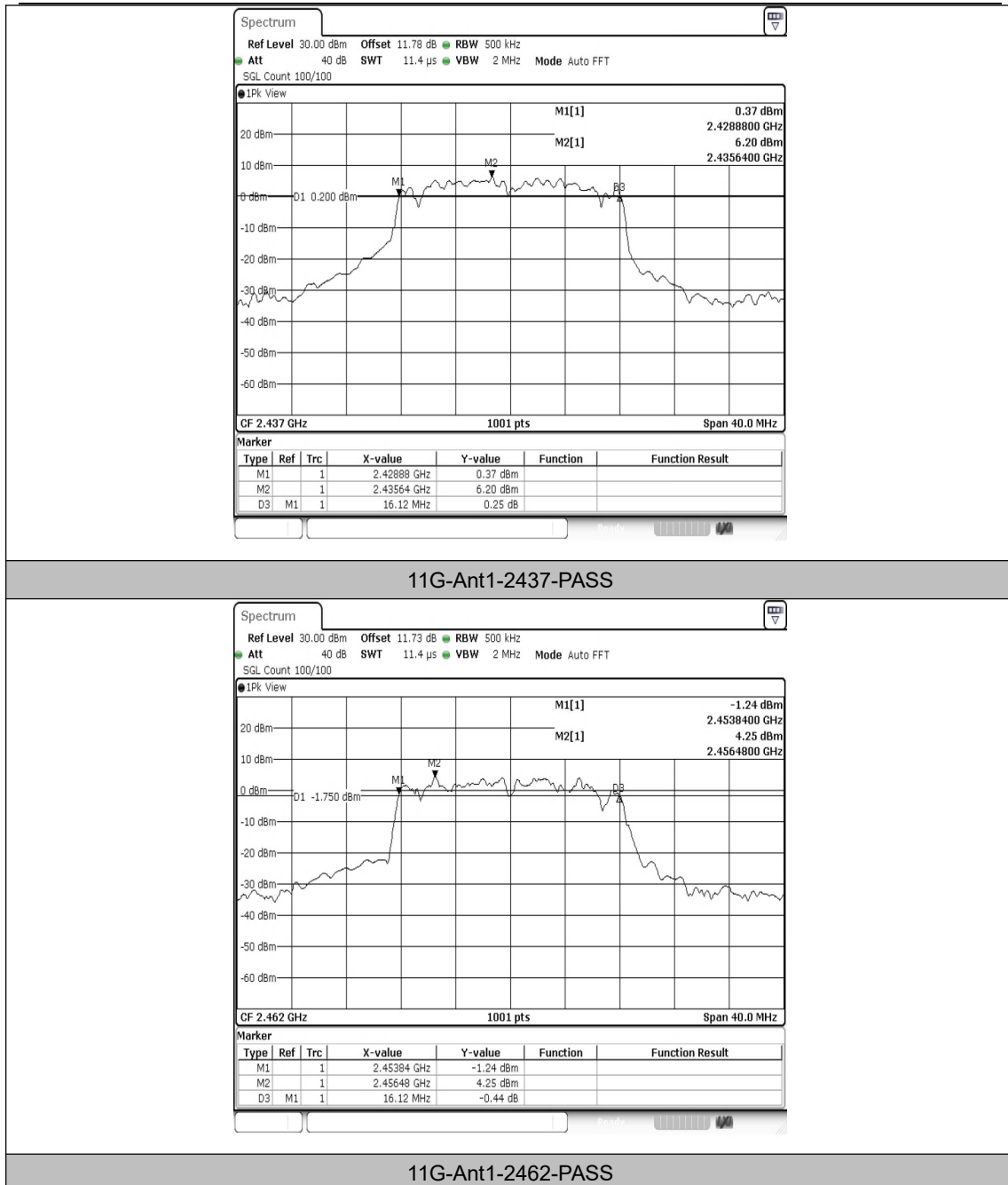
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.32	2407.36	2416.68	0.5	PASS
11B	Ant1	2437	9.36	2432.32	2441.68	0.5	PASS
11B	Ant1	2462	9.40	2457.28	2466.68	0.5	PASS
11G	Ant1	2412	15.96	2403.92	2419.88	0.5	PASS
11G	Ant1	2437	16.12	2428.88	2445.00	0.5	PASS
11G	Ant1	2462	16.12	2453.84	2469.96	0.5	PASS
11N20SISO	Ant1	2412	17.80	2403.04	2420.84	0.5	PASS
11N20SISO	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
11N20SISO	Ant1	2462	17.36	2453.20	2470.56	0.5	PASS
11N40SISO	Ant1	2422	36.24	2403.84	2440.08	0.5	PASS
11N40SISO	Ant1	2437	36.16	2418.76	2454.92	0.5	PASS
11N40SISO	Ant1	2452	35.84	2434.00	2469.84	0.5	PASS
11AX20SISO	Ant1	2412	18.64	2402.68	2421.32	0.5	PASS
11AX20SISO	Ant1	2437	18.52	2427.60	2446.12	0.5	PASS
11AX20SISO	Ant1	2462	18.48	2452.68	2471.16	0.5	PASS
11AX40SISO	Ant1	2422	37.84	2403.04	2440.88	0.5	PASS
11AX40SISO	Ant1	2437	35.28	2420.44	2455.72	0.5	PASS
11AX40SISO	Ant1	2452	37.84	2433.12	2470.96	0.5	PASS

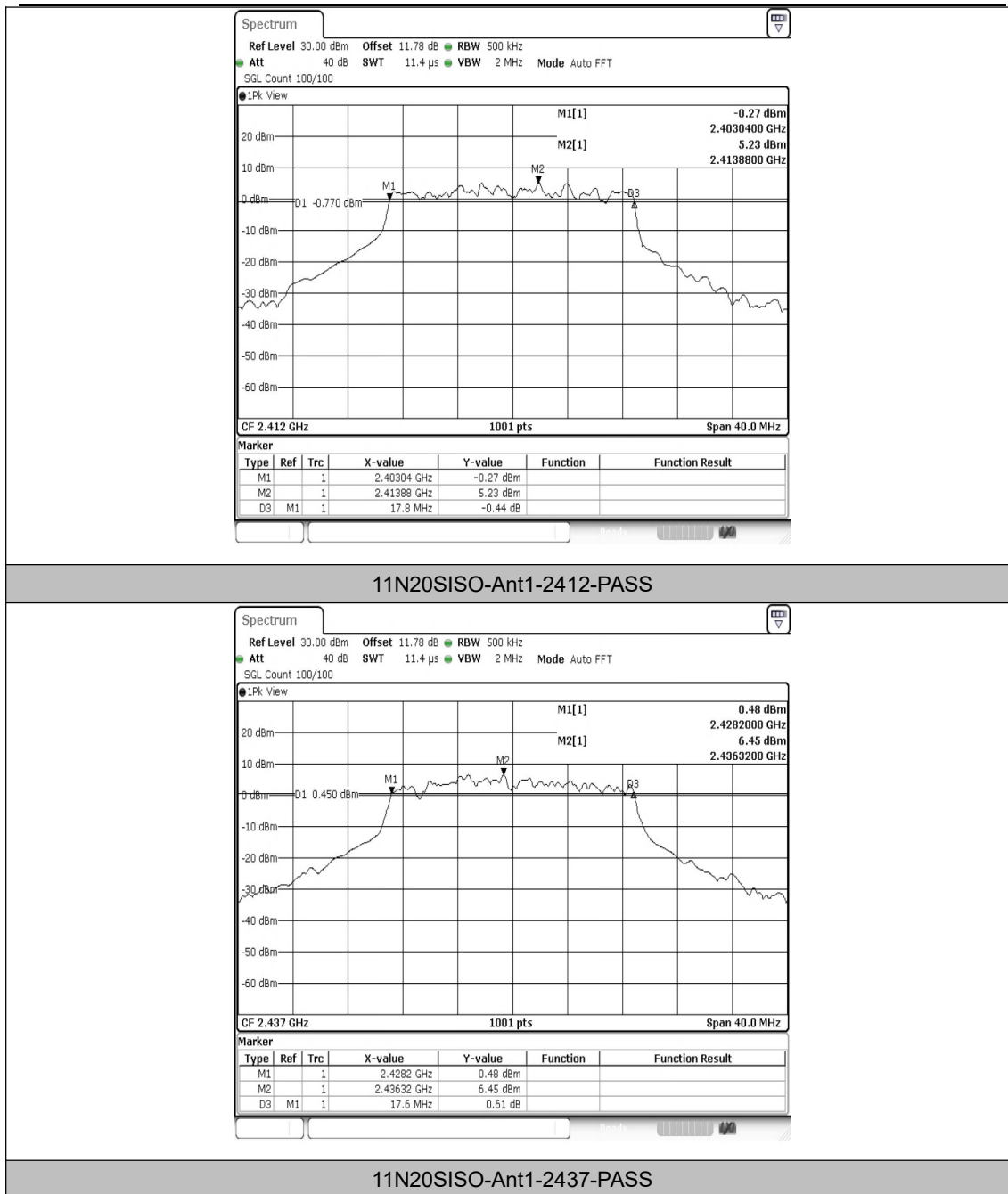


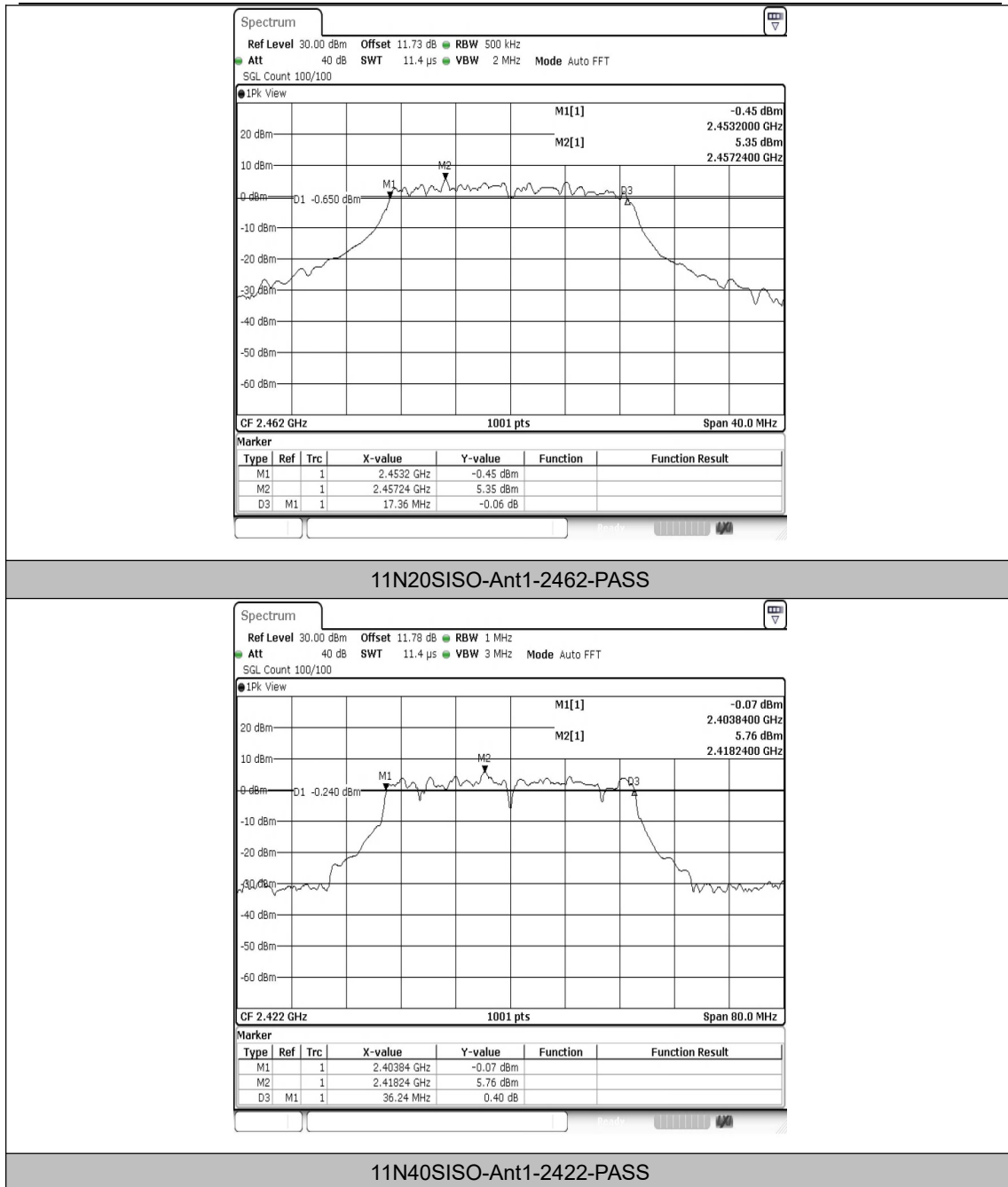
Test Graphs







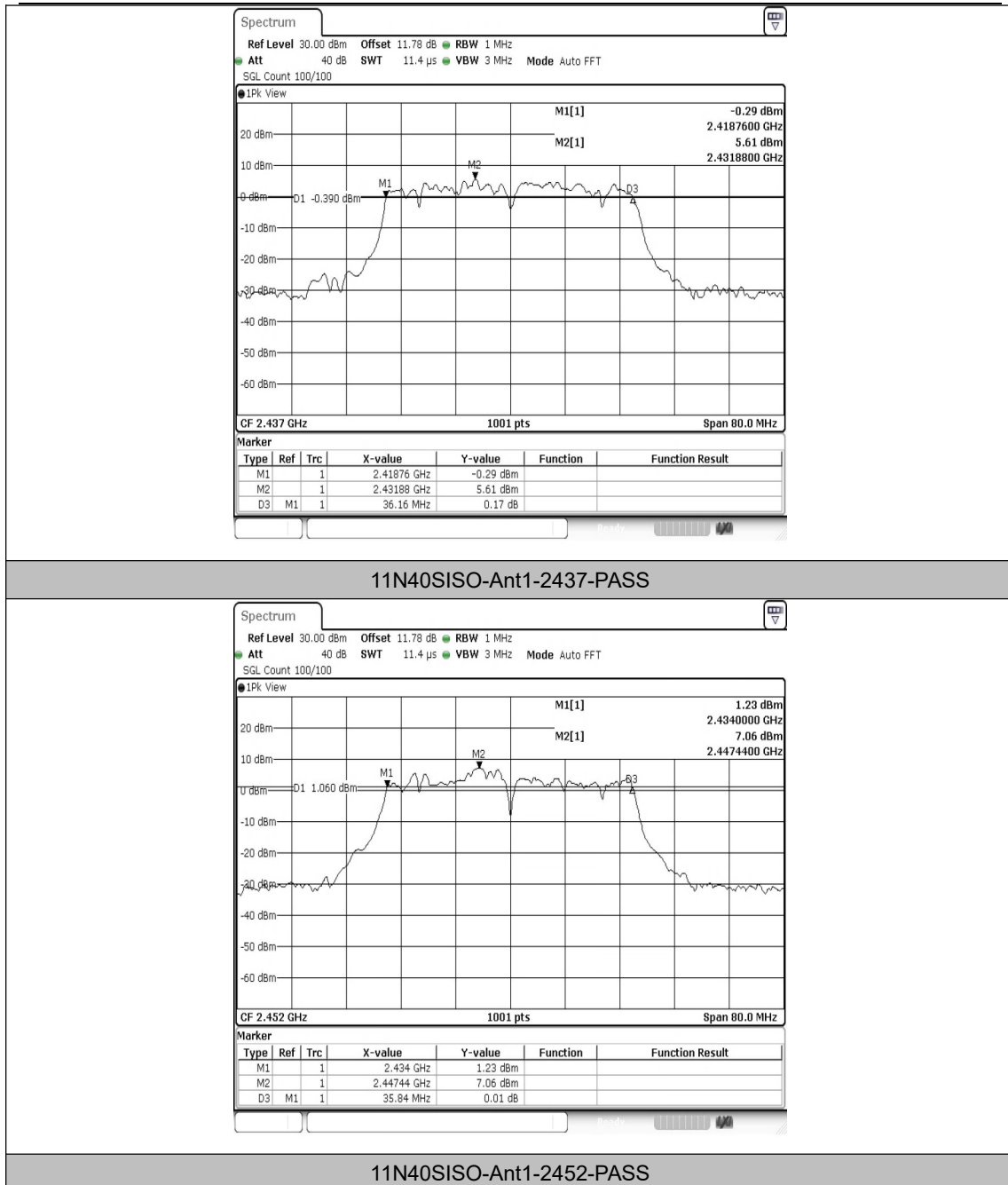


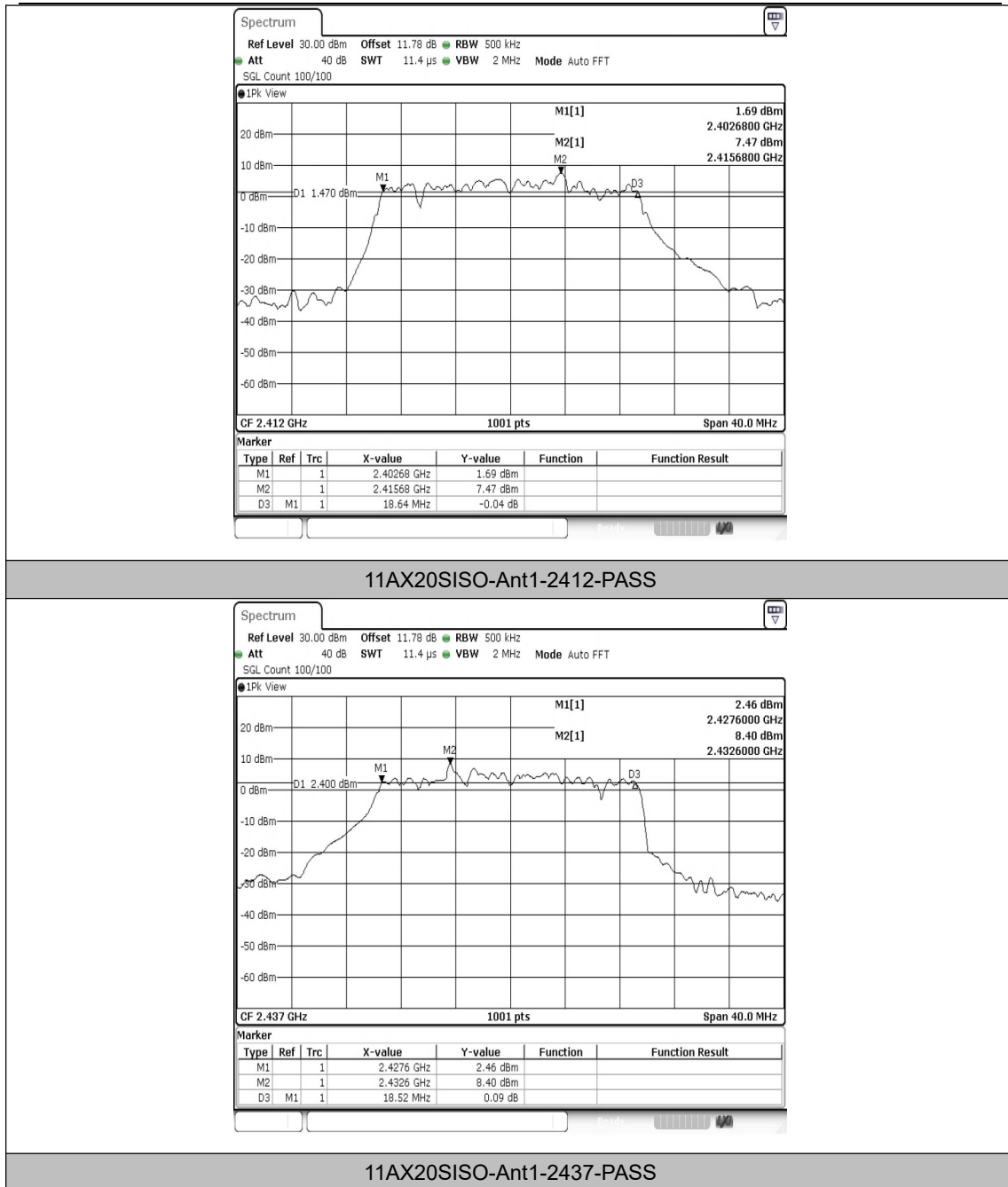


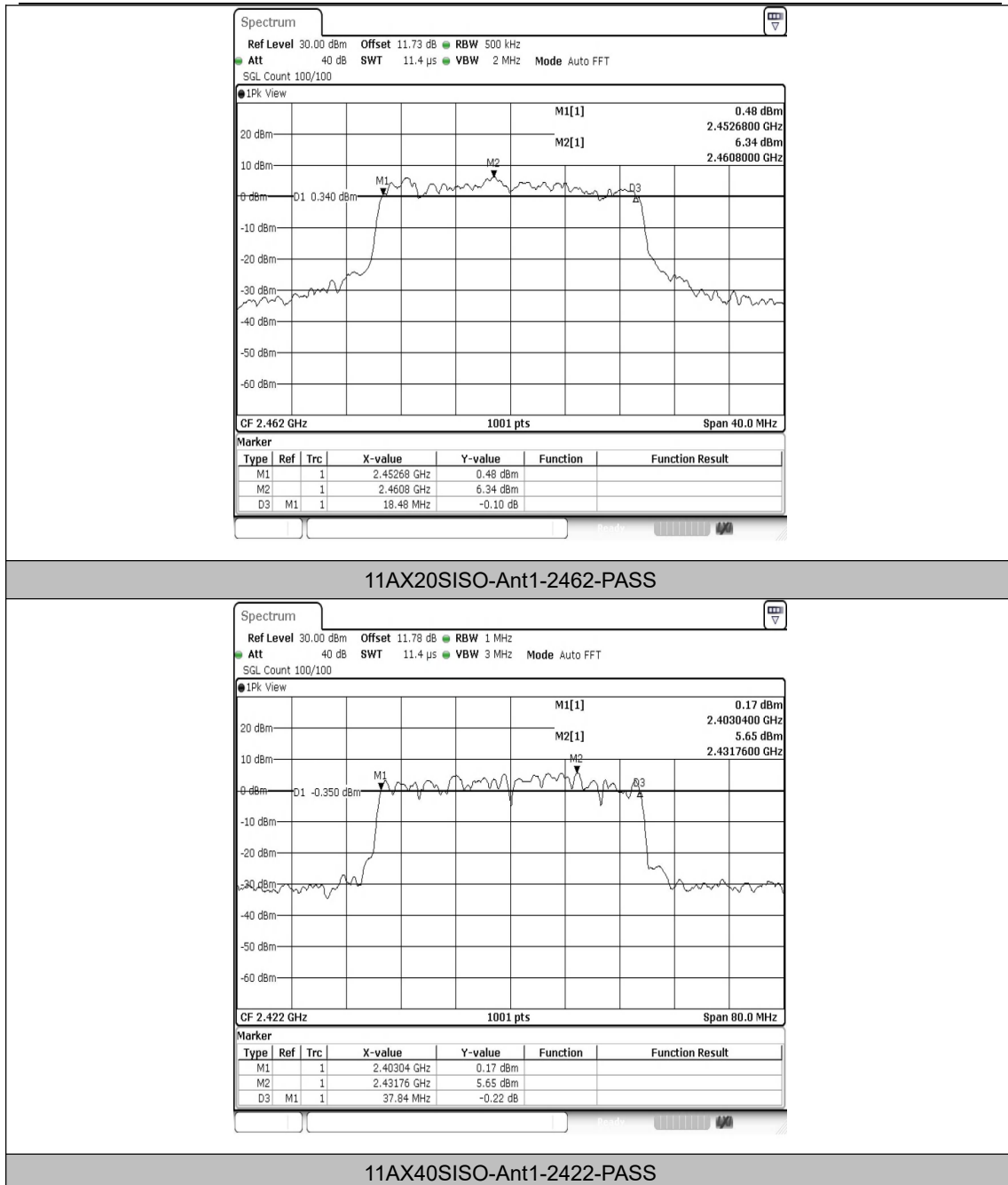
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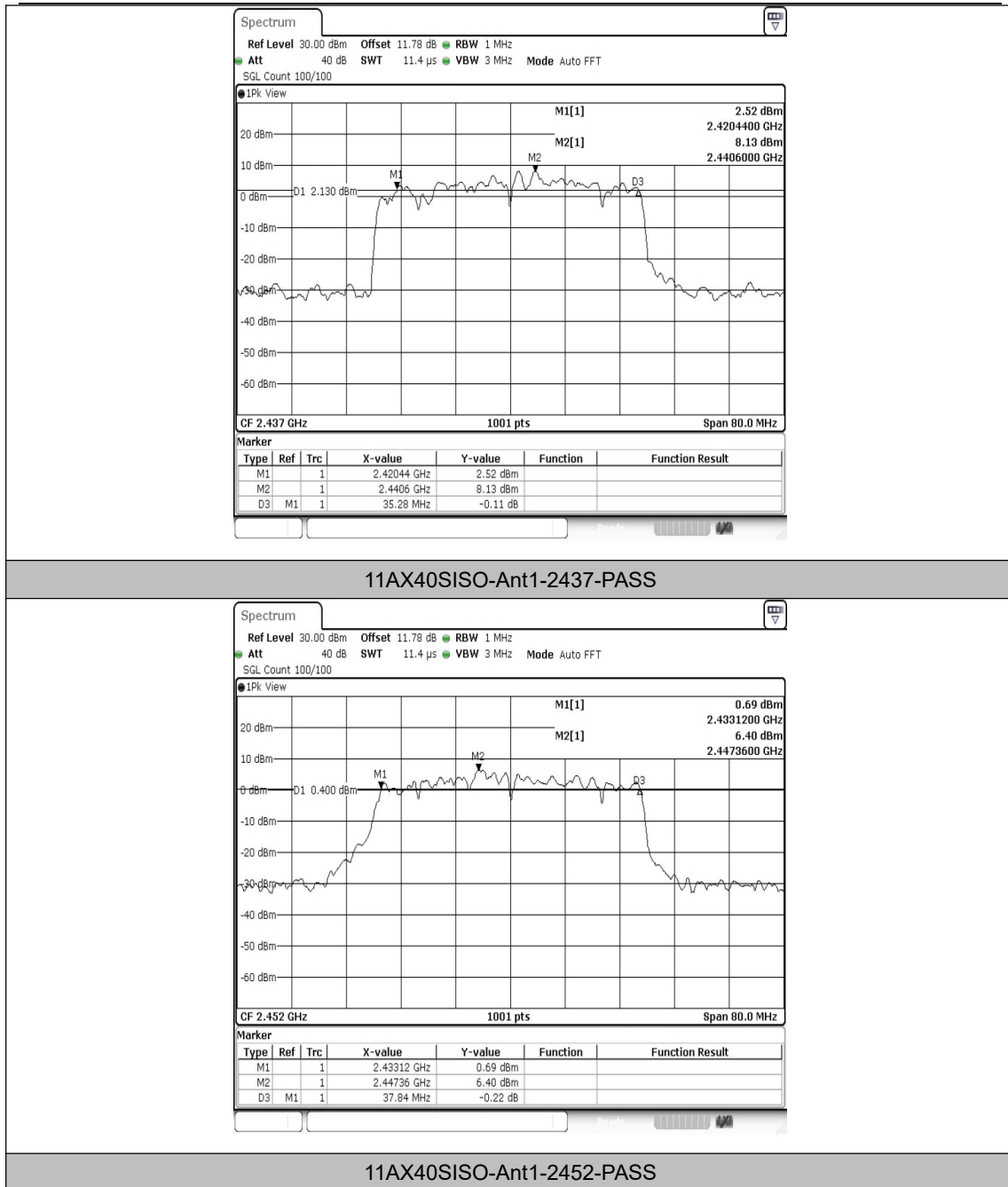
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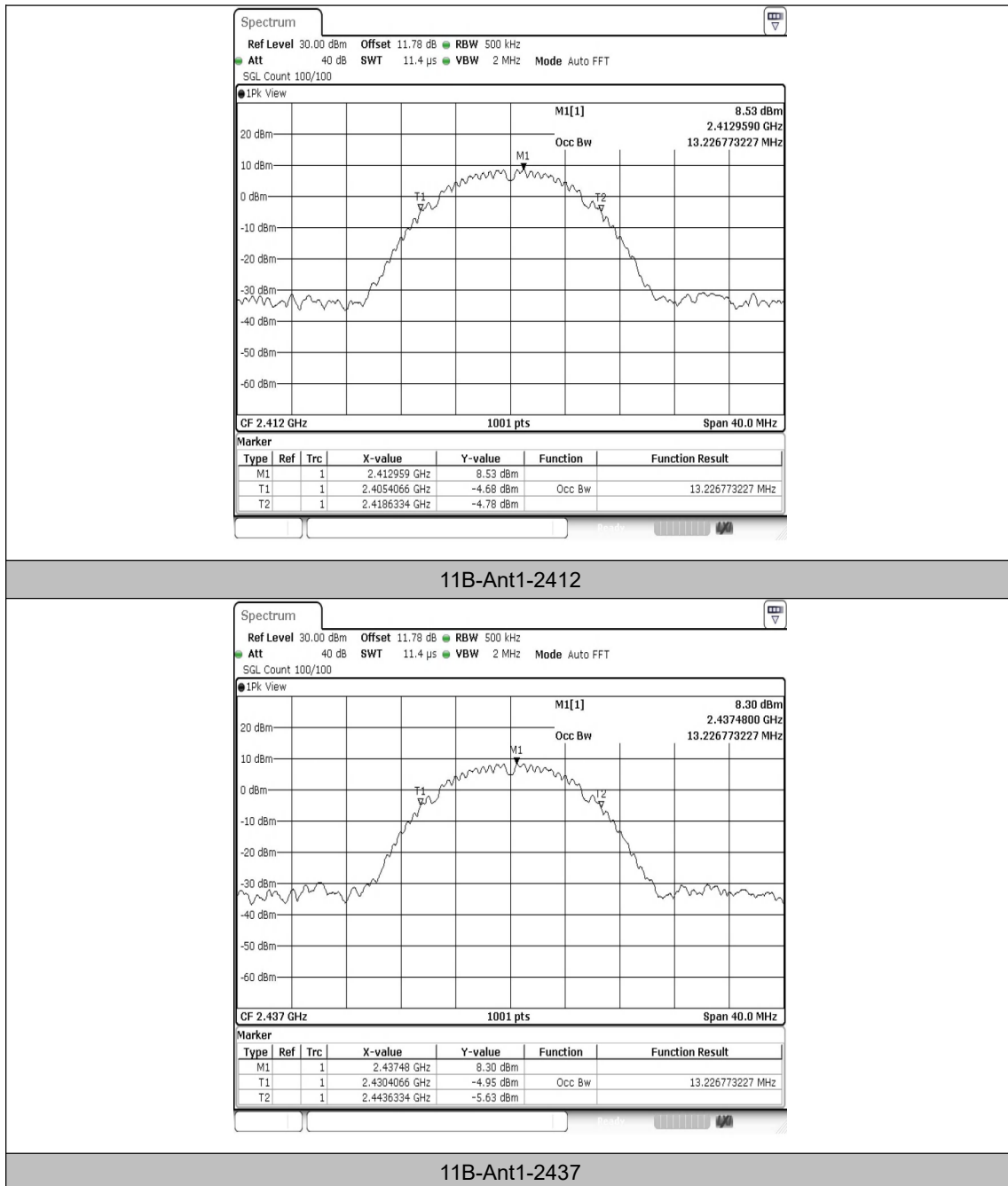
Appendix B: 99% Occupied Bandwidth

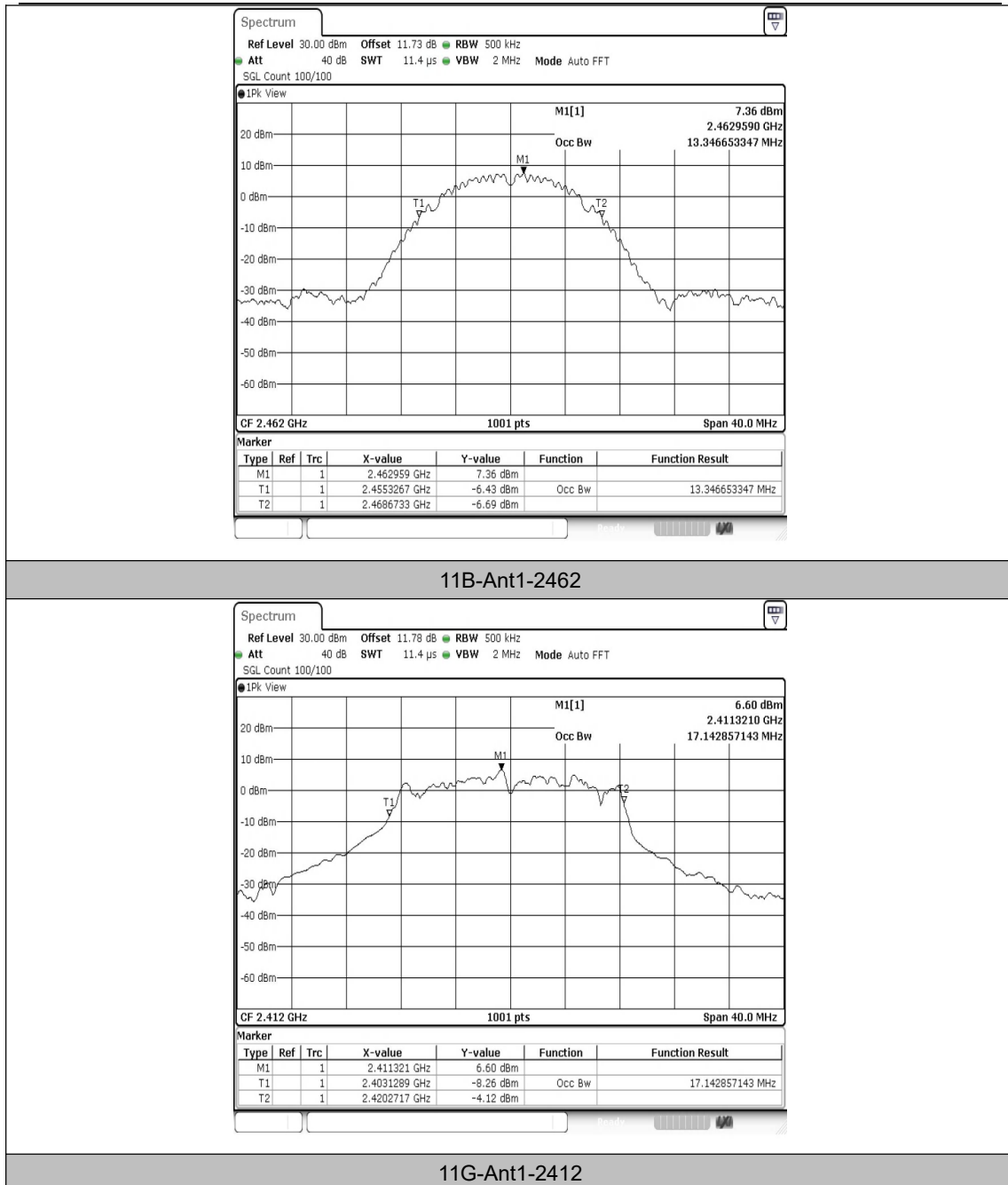
Test Result

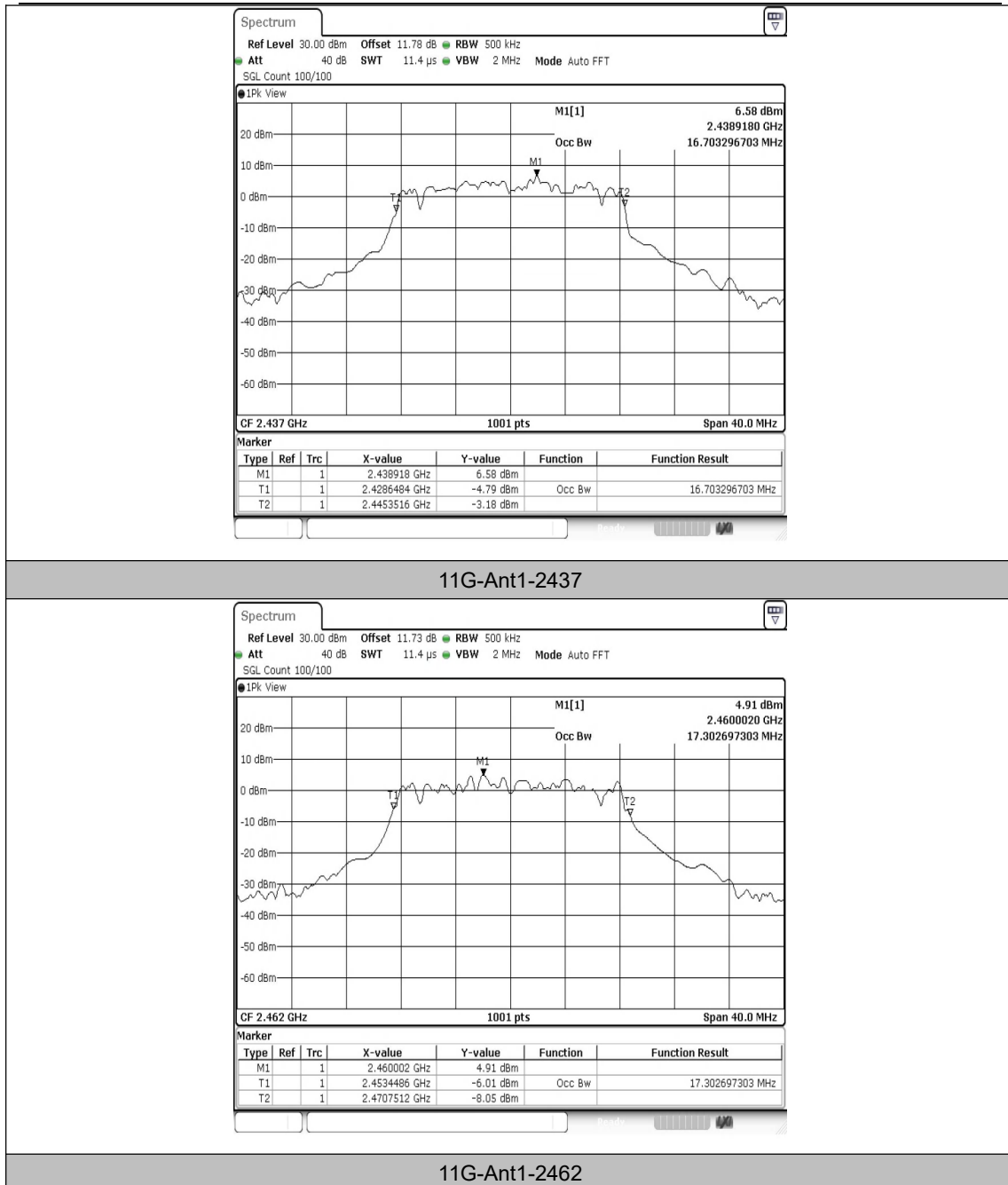
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.227	2405.4066	2418.6334	---	---
11B	Ant1	2437	13.227	2430.4066	2443.6334	---	---
11B	Ant1	2462	13.347	2455.3267	2468.6733	---	---
11G	Ant1	2412	17.143	2403.1289	2420.2717	---	---
11G	Ant1	2437	16.703	2428.6484	2445.3516	---	---
11G	Ant1	2462	17.303	2453.4486	2470.7512	---	---
11N20SISO	Ant1	2412	17.822	2403.1289	2420.9510	---	---
11N20SISO	Ant1	2437	18.342	2428.0090	2446.3506	---	---
11N20SISO	Ant1	2462	18.302	2452.4895	2470.7912	---	---
11N40SISO	Ant1	2422	36.523	2403.6983	2440.2218	---	---
11N40SISO	Ant1	2437	36.284	2418.7782	2455.0619	---	---
11N40SISO	Ant1	2452	36.124	2433.9381	2470.0619	---	---
11AX20SISO	Ant1	2412	19.421	2402.4496	2421.8701	---	---
11AX20SISO	Ant1	2437	18.821	2427.6094	2446.4306	---	---
11AX20SISO	Ant1	2462	19.261	2452.4096	2471.6703	---	---
11AX40SISO	Ant1	2422	38.282	2402.8991	2441.1808	---	---
11AX40SISO	Ant1	2437	37.882	2417.9790	2455.8611	---	---
11AX40SISO	Ant1	2452	37.802	2433.0589	2470.8611	---	---

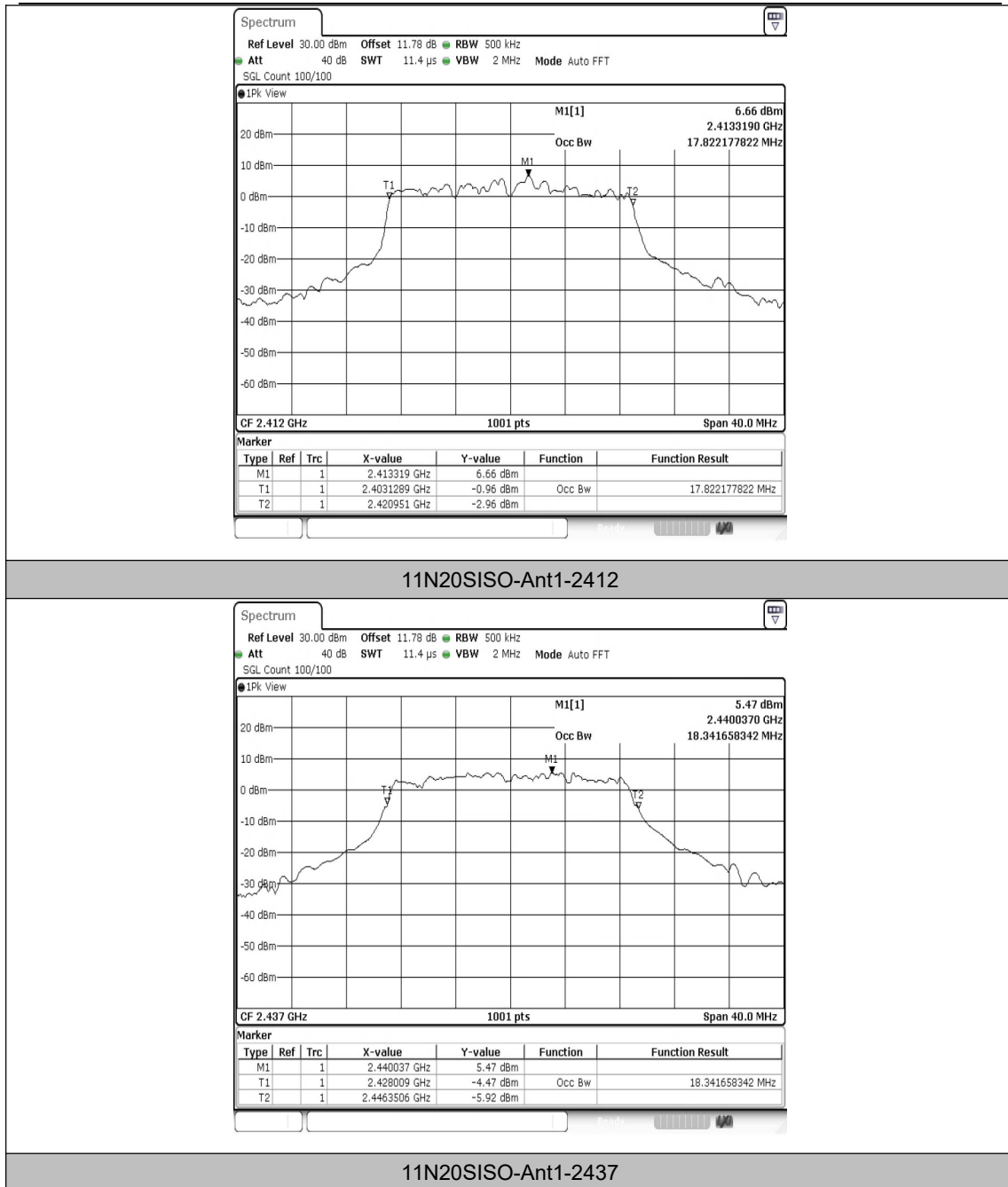


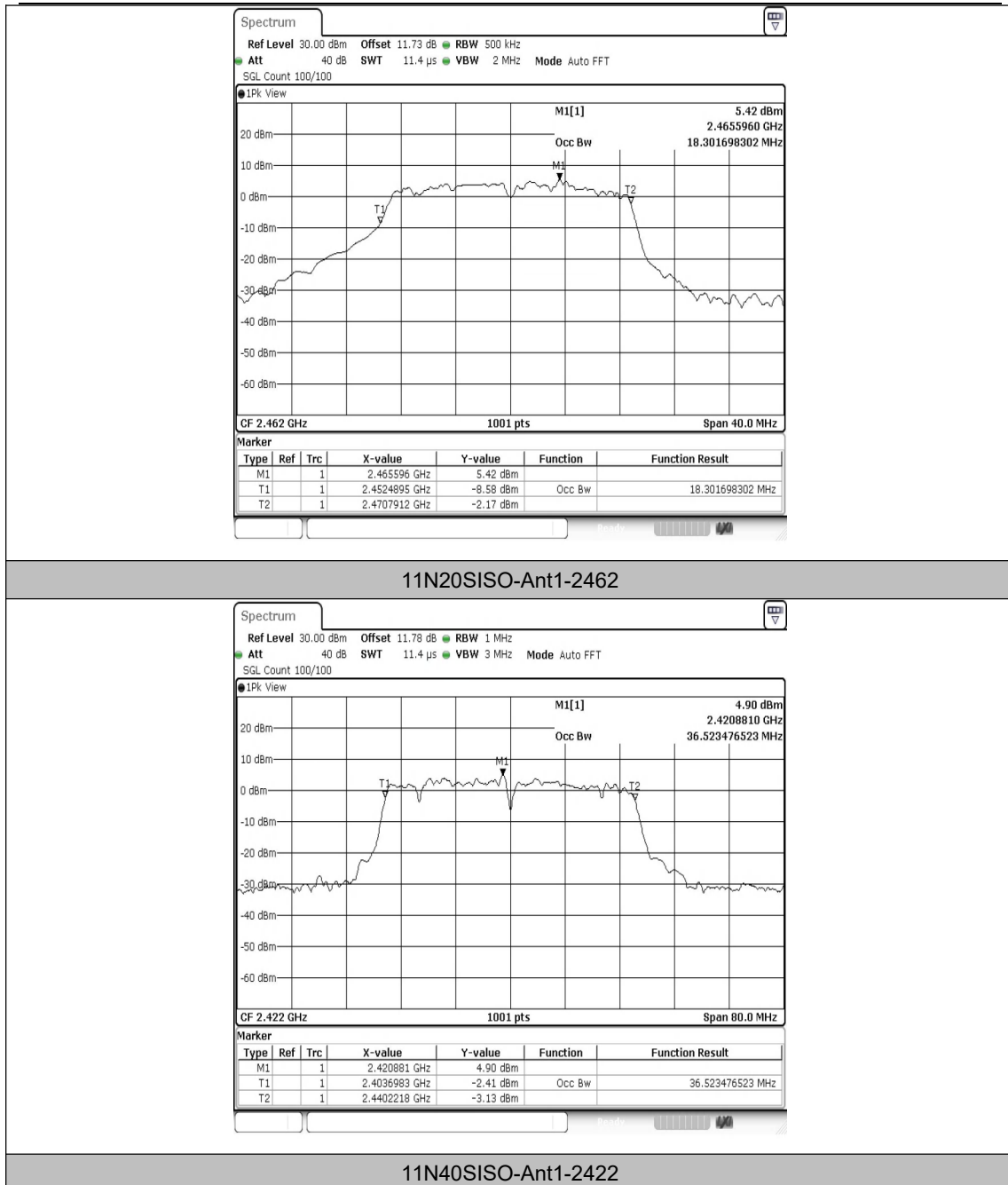
Test Graphs

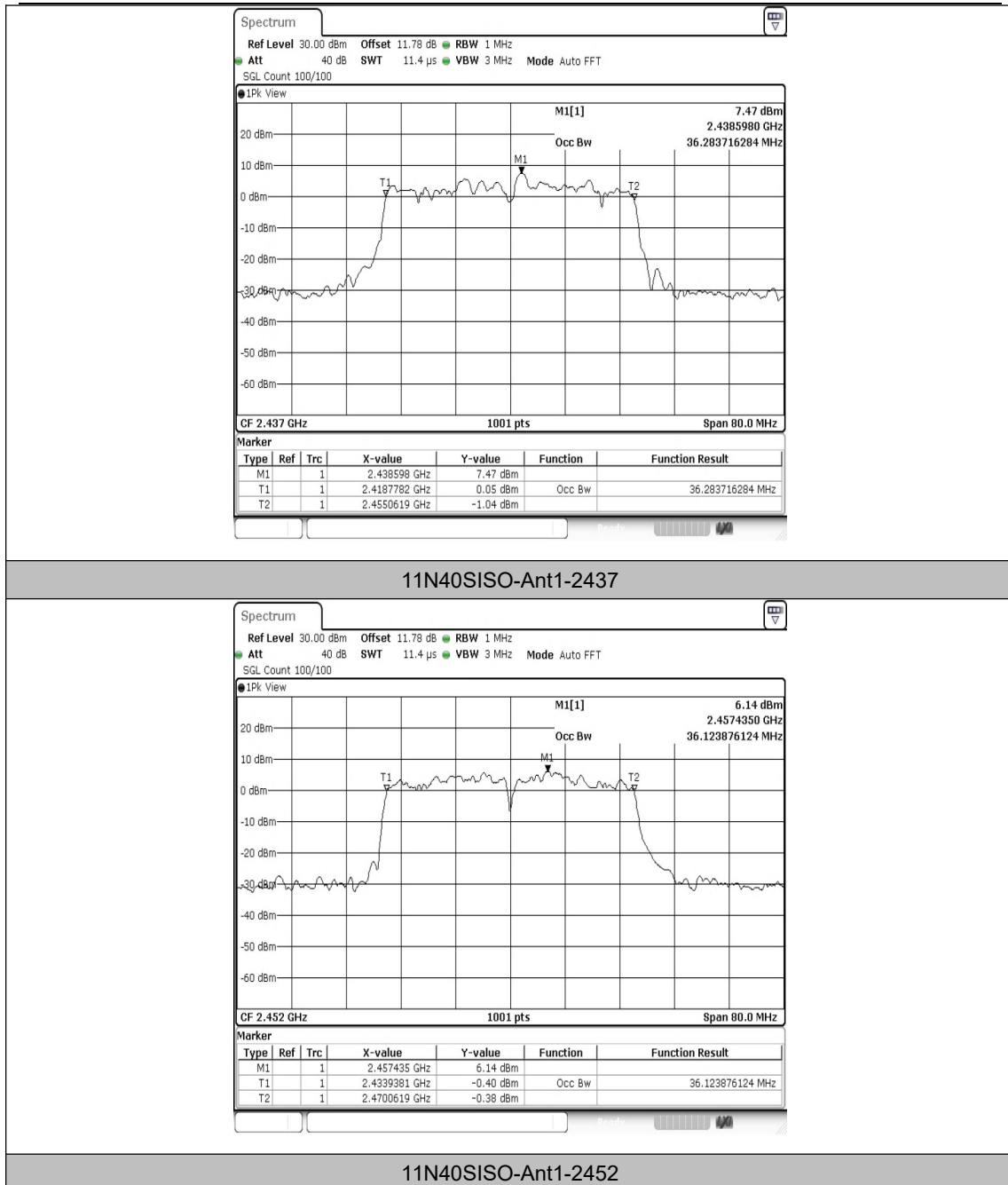


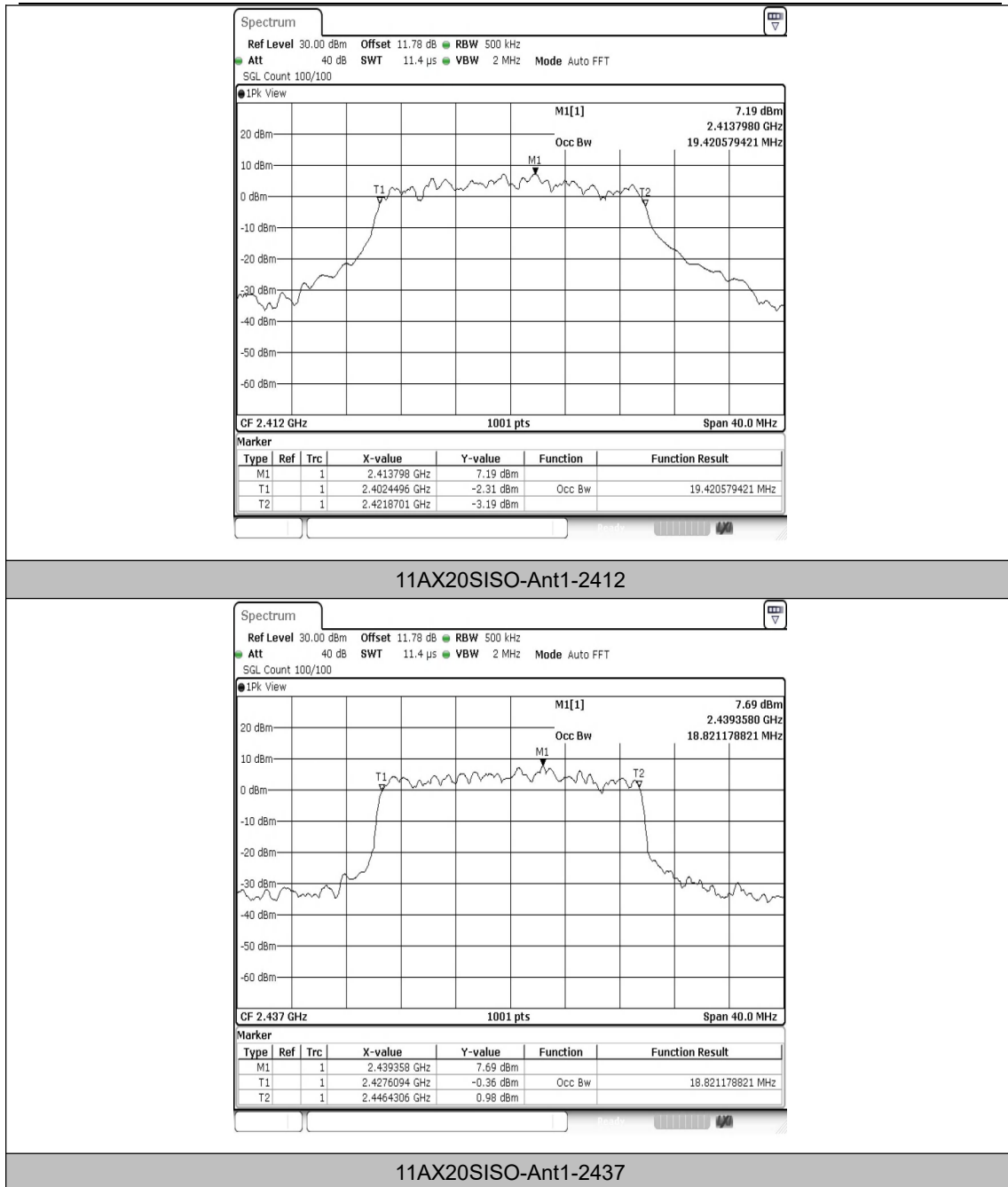


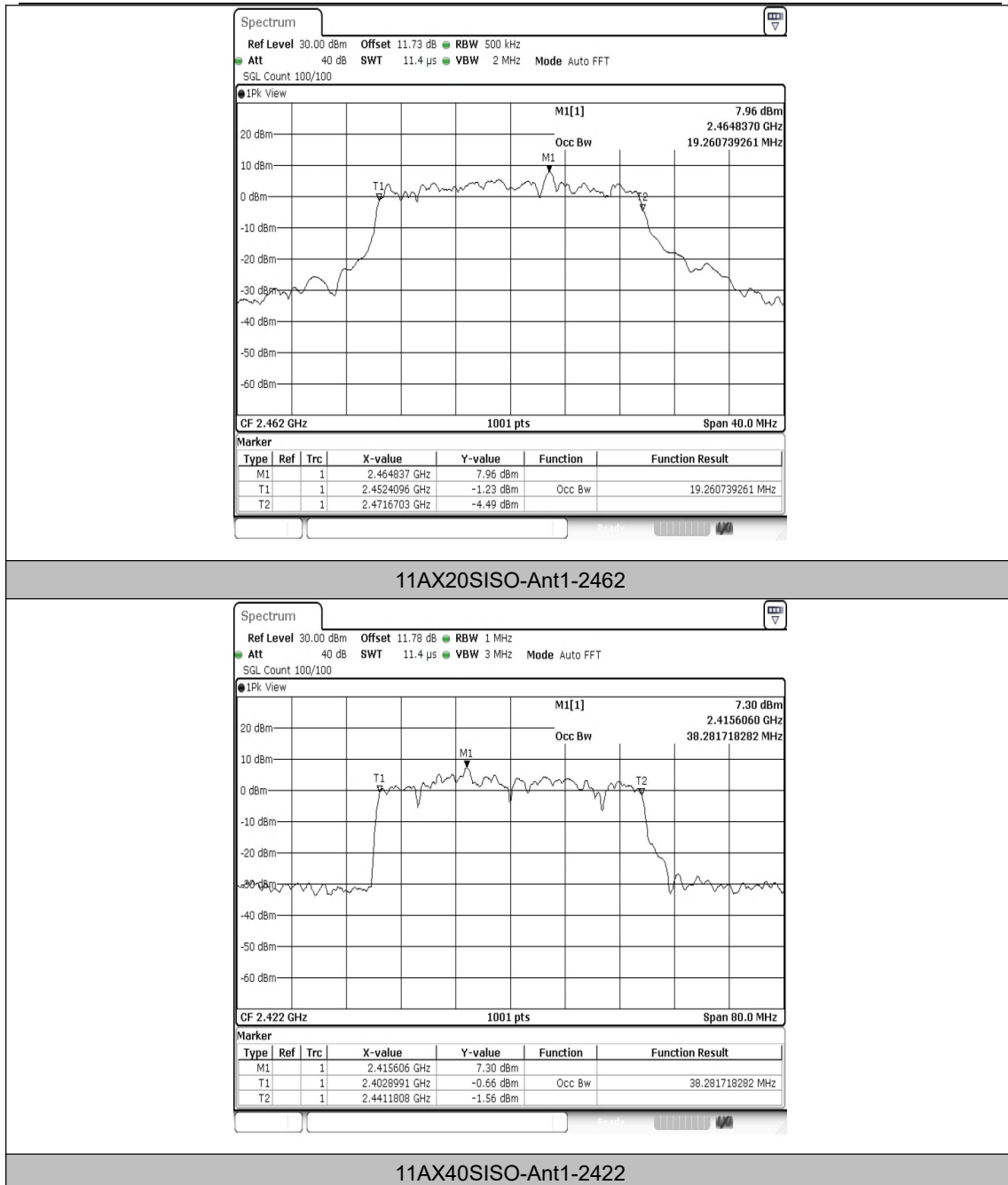








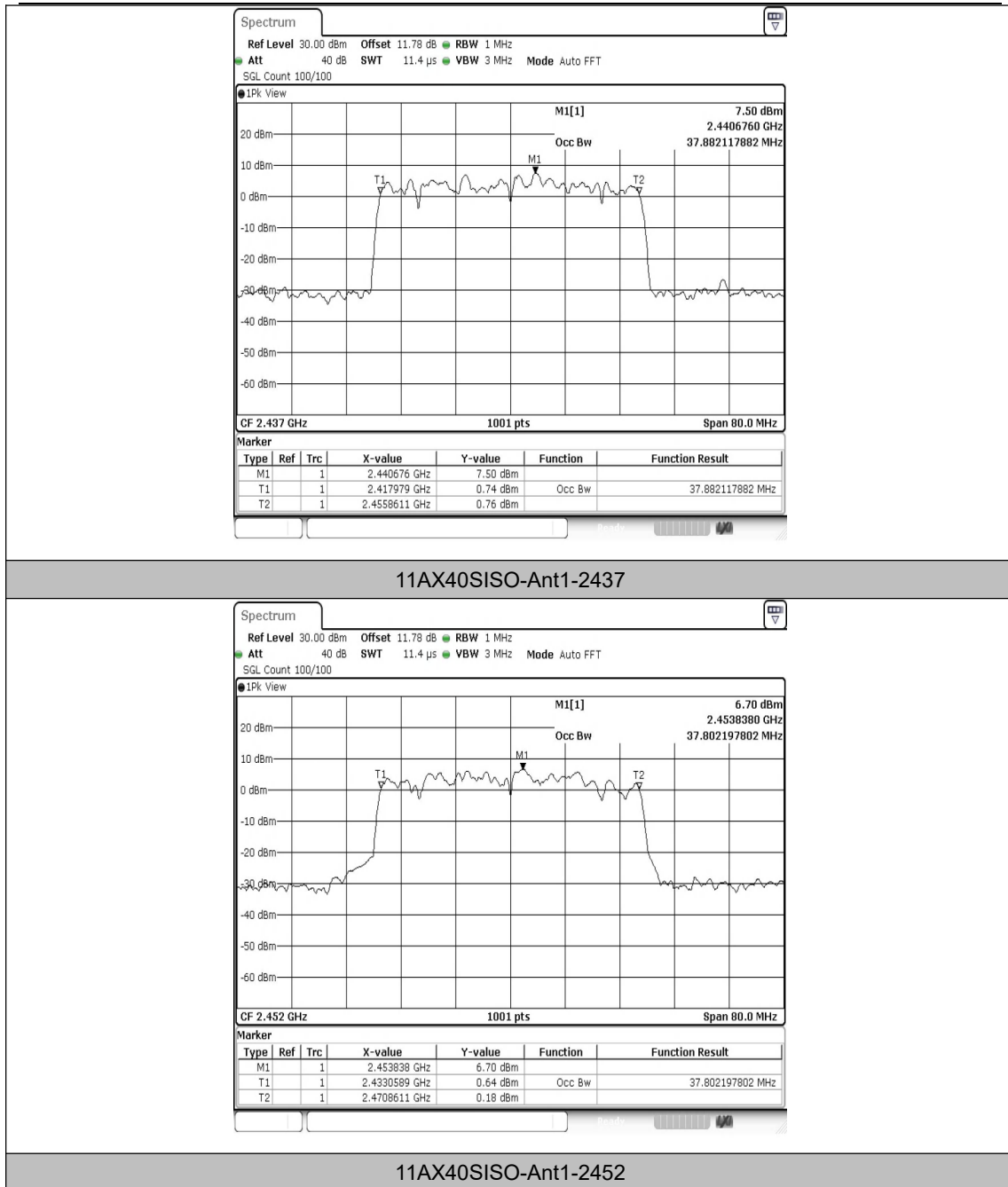




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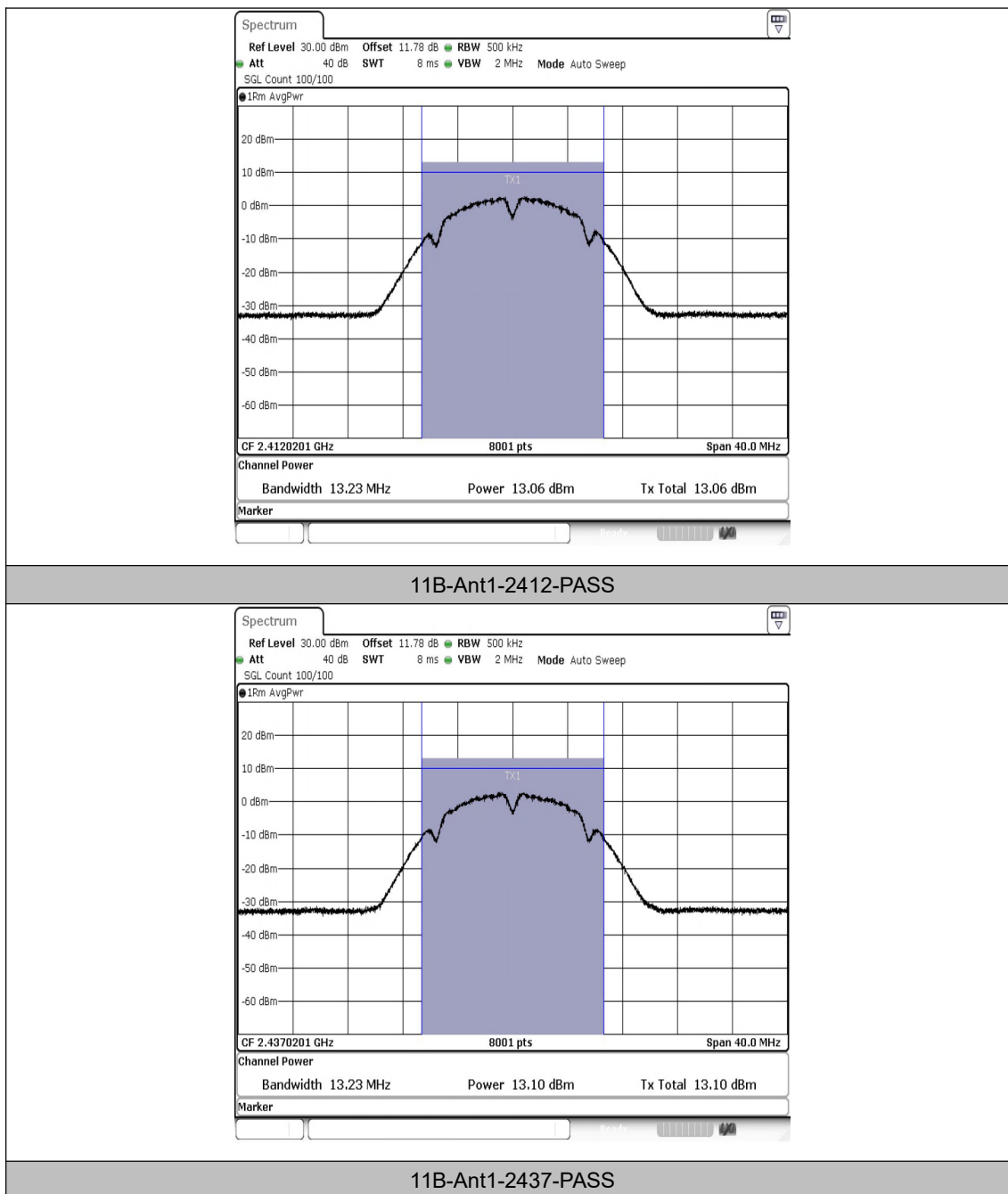
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	13.06	45.64	3.41	16.47	≤30.00	PASS
11B	Ant1	2437	NA	13.10	45.61	3.41	16.51	≤30.00	PASS
11B	Ant1	2462	NA	11.83	42.85	3.68	15.51	≤30.00	PASS
11G	Ant1	2412	NA	4.61	12.07	9.18	13.79	≤30.00	PASS
11G	Ant1	2437	NA	4.95	12.07	9.18	14.13	≤30.00	PASS
11G	Ant1	2462	NA	4.81	10.11	9.95	14.76	≤30.00	PASS
11N20SISO	Ant1	2412	NA	7.32	31.14	5.07	12.39	≤30.00	PASS
11N20SISO	Ant1	2437	NA	9.27	33.66	4.73	14.00	≤30.00	PASS
11N20SISO	Ant1	2462	NA	8.21	33.53	4.75	12.96	≤30.00	PASS
11N40SISO	Ant1	2422	NA	6.49	19.66	7.06	13.55	≤30.00	PASS
11N40SISO	Ant1	2437	NA	7.07	19.66	7.06	14.13	≤30.00	PASS
11N40SISO	Ant1	2452	NA	6.70	19.71	7.05	13.75	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	7.83	28.02	5.53	13.36	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	8.42	27.80	5.56	13.98	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	7.74	27.86	5.55	13.29	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	4.71	16.46	7.84	12.55	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	5.62	16.25	7.89	13.51	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	5.57	16.46	7.84	13.41	≤30.00	PASS

Note: 1. The cable loss are compensated in the graph

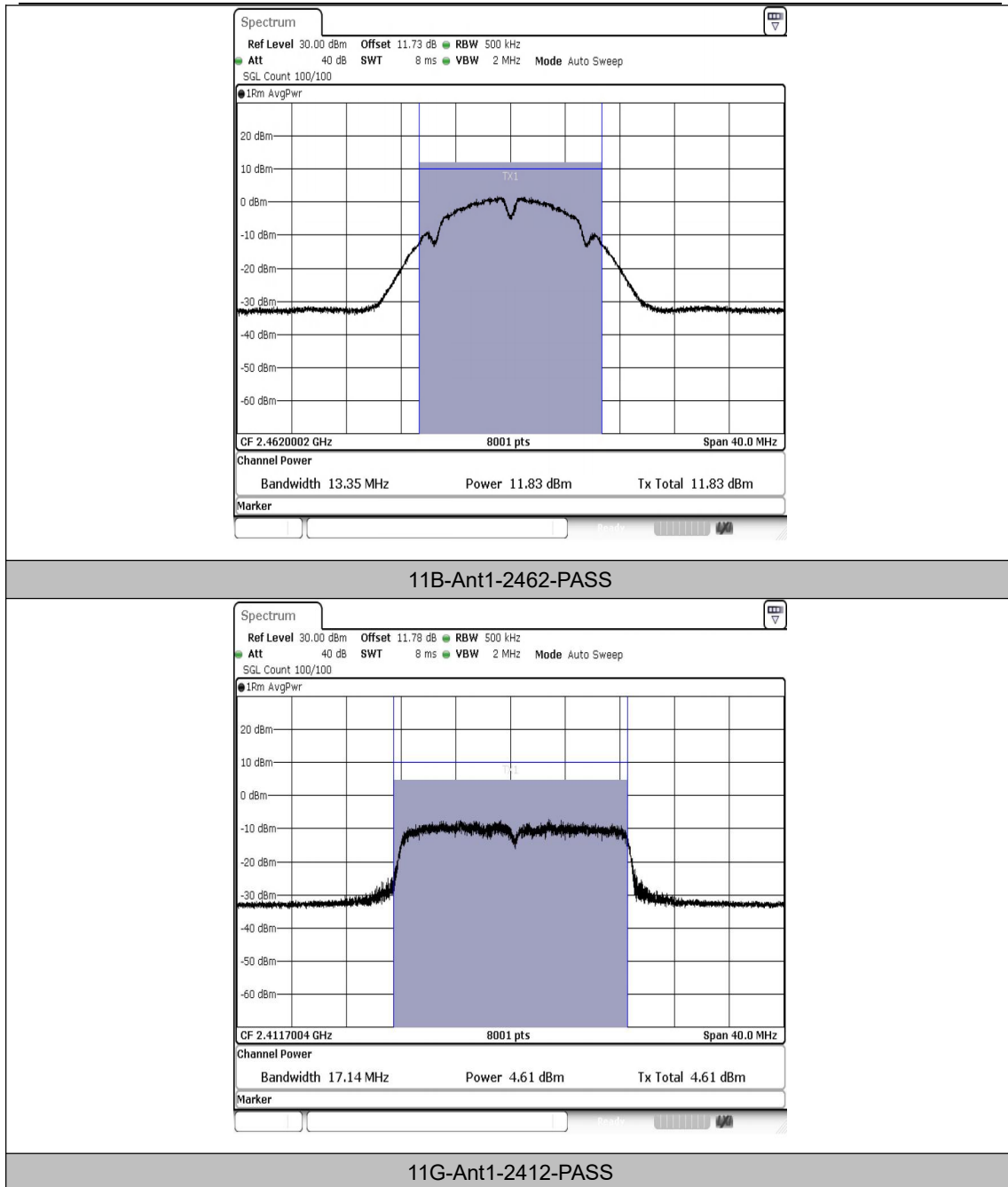
Test Graphs Average



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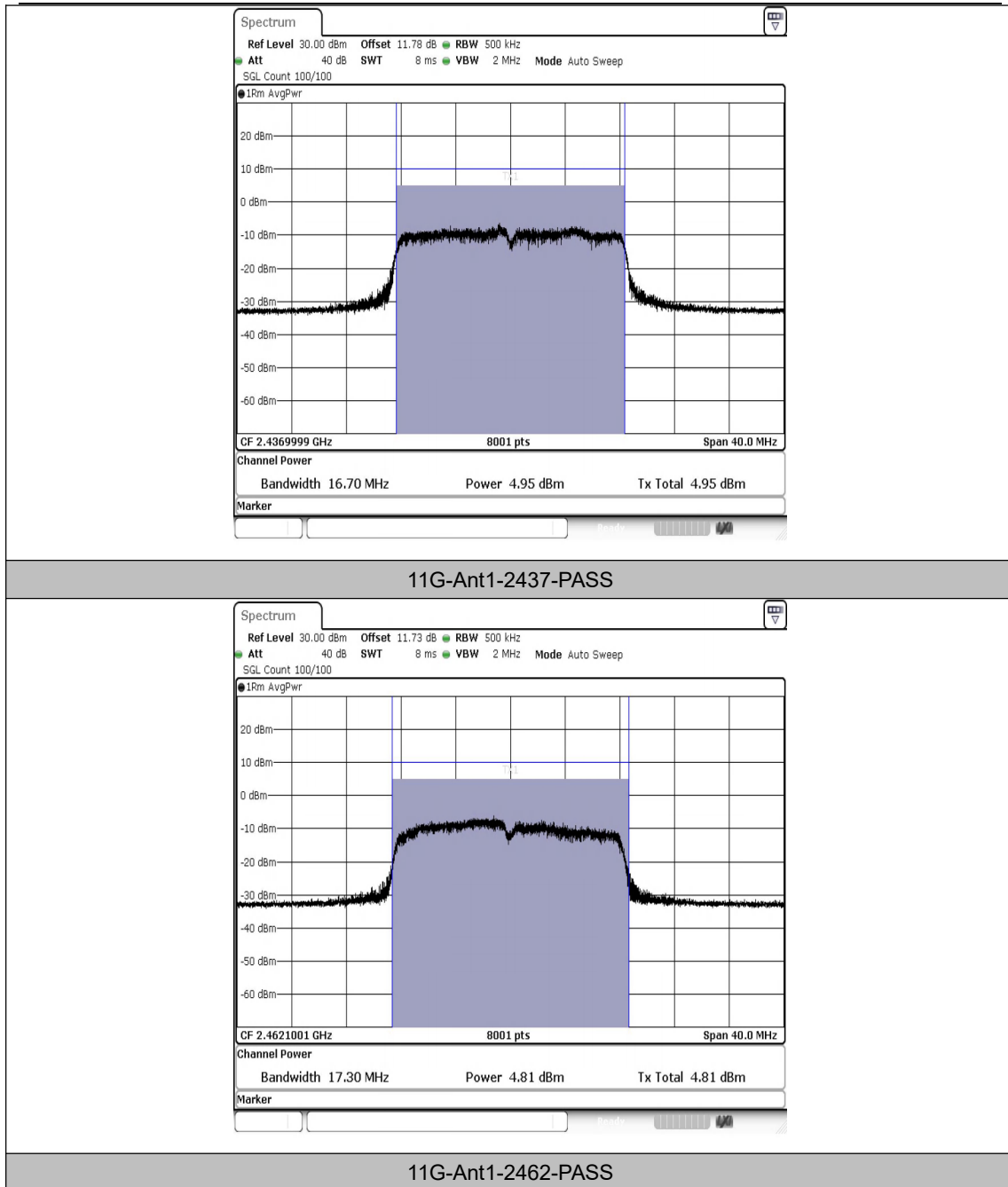
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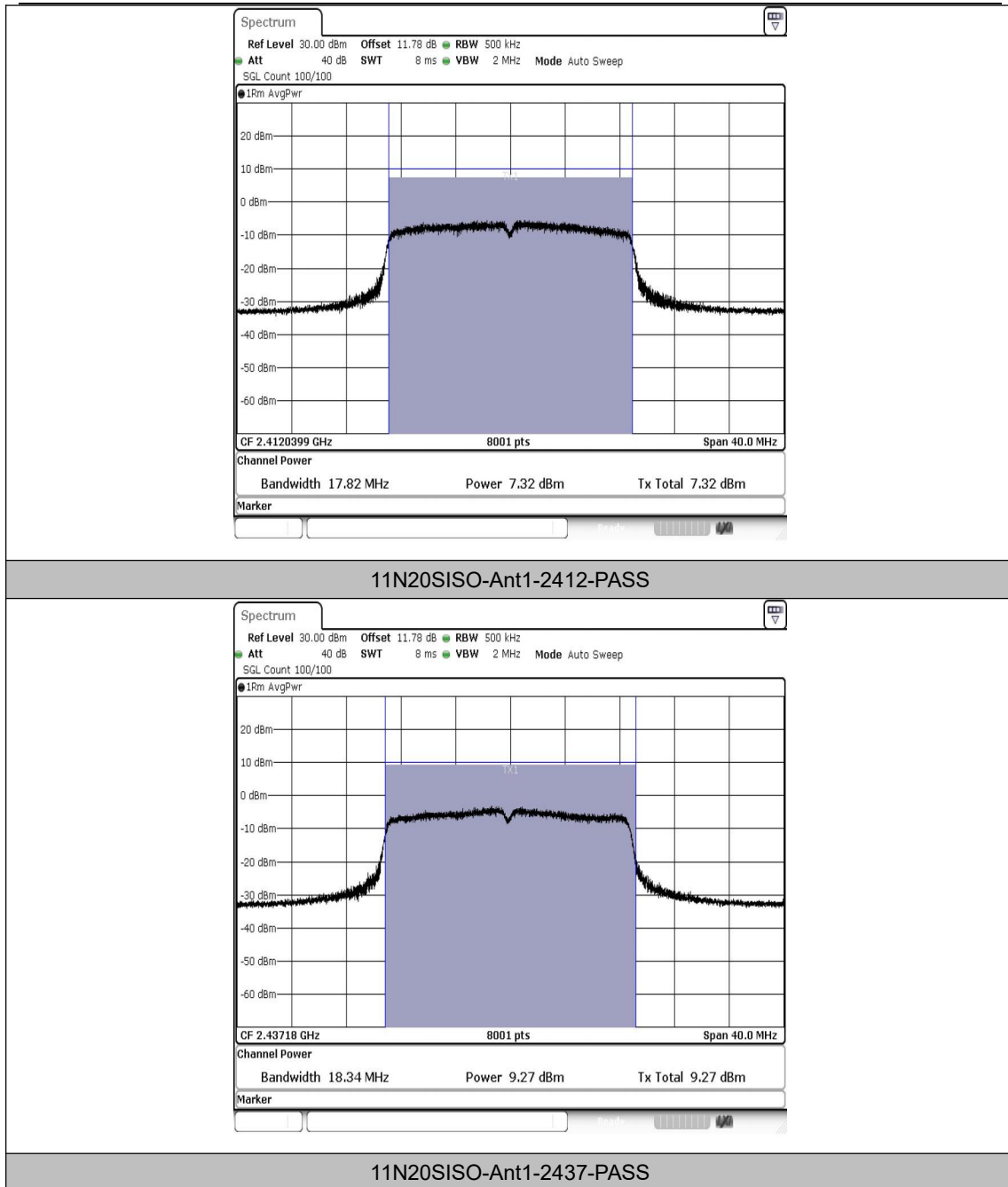
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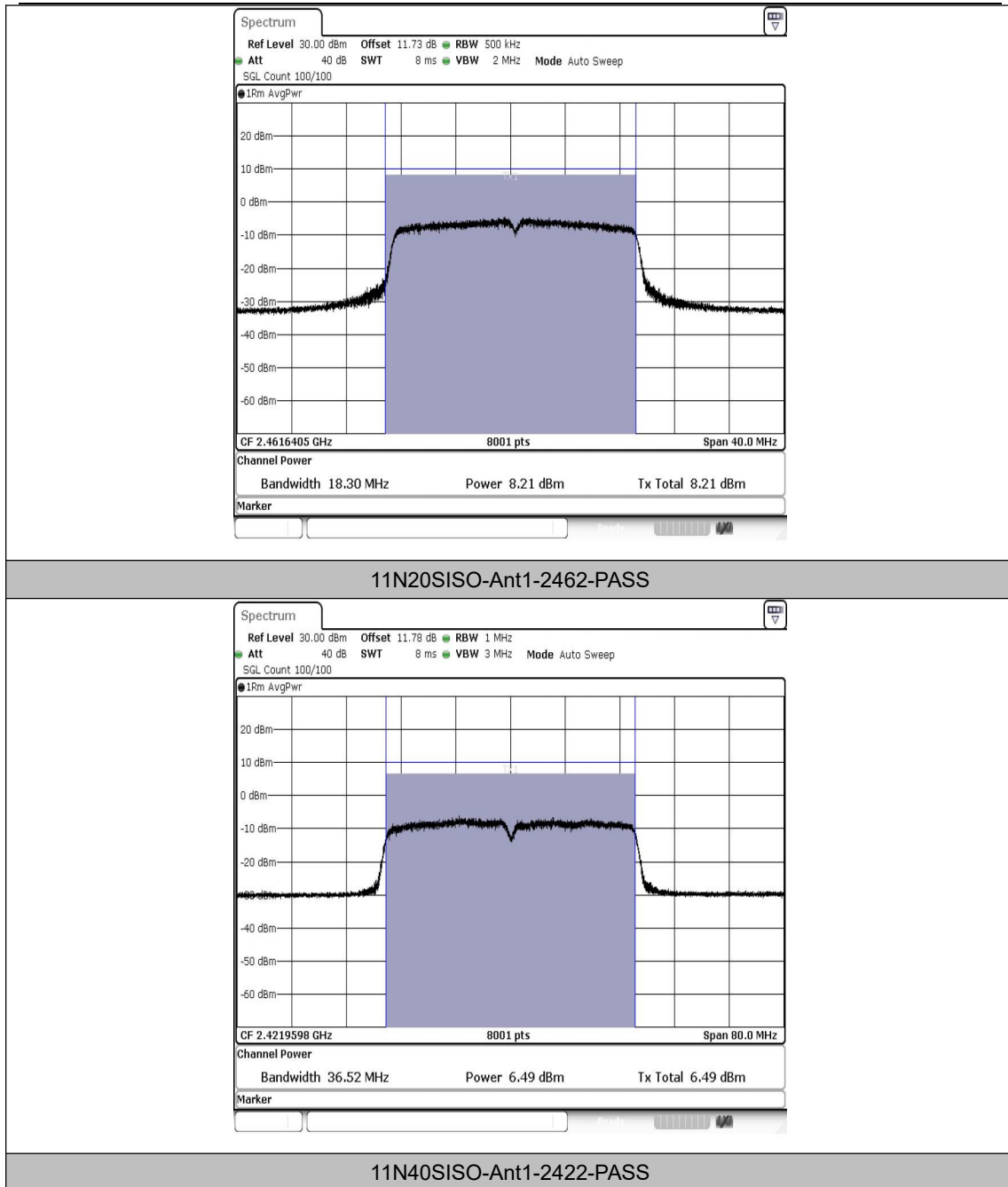
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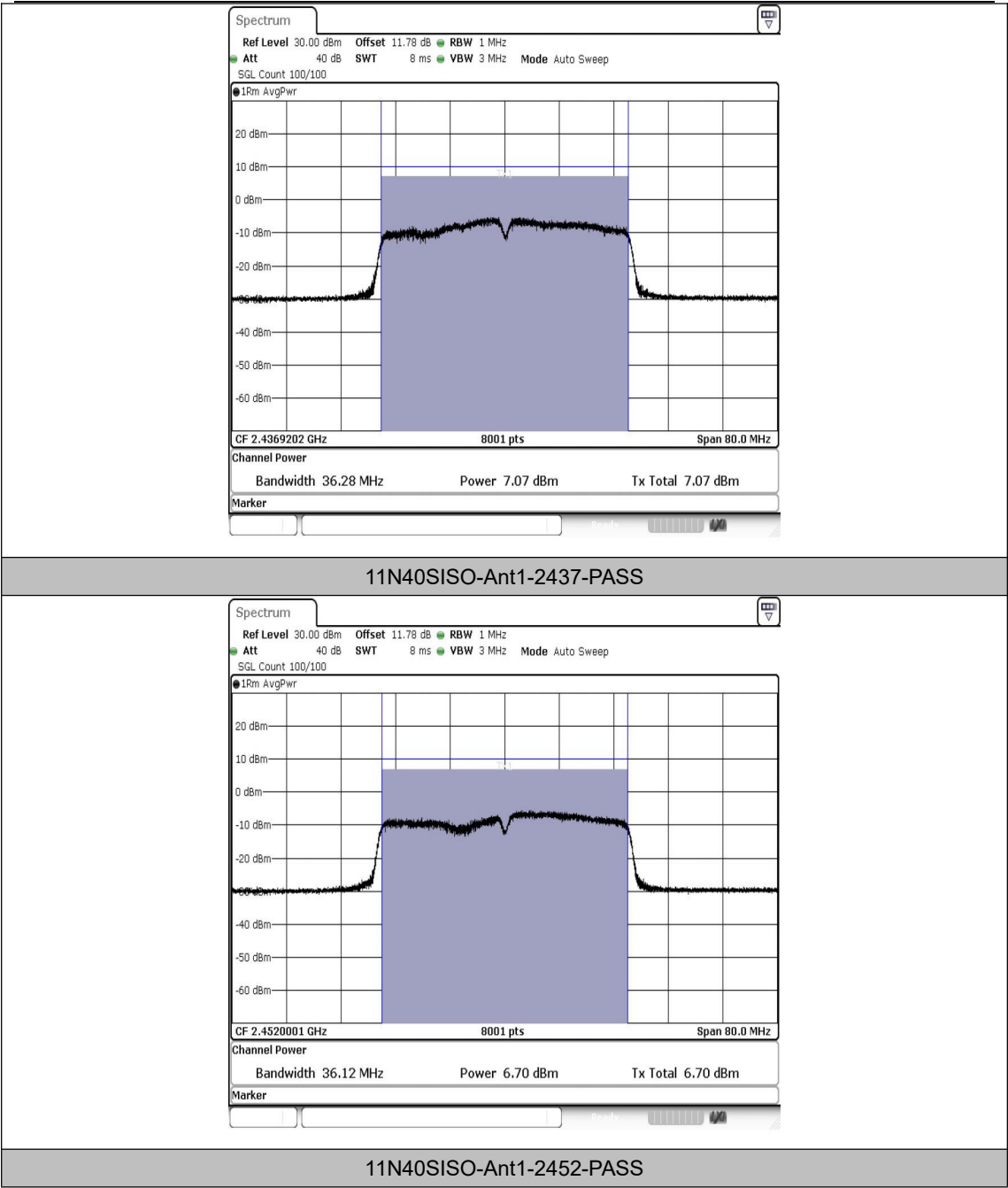
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