

Appendix Test Data

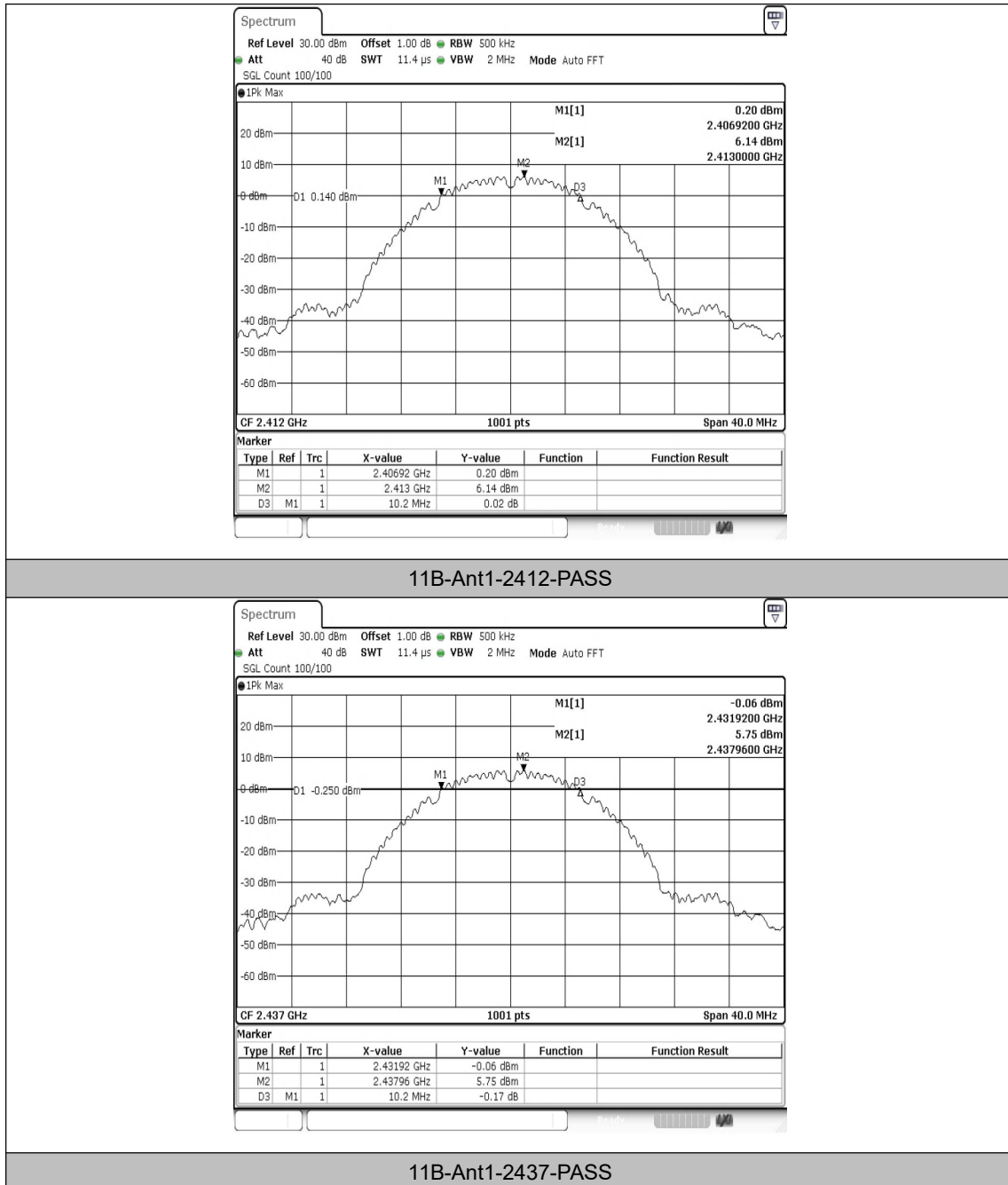
Report No.:	1812C50280912503	Test Sample No.:	1-2-2
Start Test Date:	2025-6-11	Finish Test Date:	2025-6-16
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	27.1°C	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.20	2406.92	2417.12	0.5	PASS
11B	Ant1	2437	10.20	2431.92	2442.12	0.5	PASS
11B	Ant1	2462	10.16	2456.92	2467.08	0.5	PASS
11G	Ant1	2412	16.08	2403.96	2420.04	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	16.32	2453.76	2470.08	0.5	PASS
11N20SISO	Ant1	2412	17.48	2403.32	2420.80	0.5	PASS
11N20SISO	Ant1	2437	17.48	2428.24	2445.72	0.5	PASS
11N20SISO	Ant1	2462	17.64	2453.12	2470.76	0.5	PASS
11N40SISO	Ant1	2422	36.24	2403.84	2440.08	0.5	PASS
11N40SISO	Ant1	2437	36.24	2418.84	2455.08	0.5	PASS
11N40SISO	Ant1	2452	36.00	2433.92	2469.92	0.5	PASS
11AX20SISO	Ant1	2412	18.84	2402.56	2421.40	0.5	PASS
11AX20SISO	Ant1	2437	18.08	2428.24	2446.32	0.5	PASS
11AX20SISO	Ant1	2462	18.76	2452.56	2471.32	0.5	PASS
11AX40SISO	Ant1	2422	37.60	2402.96	2440.56	0.5	PASS
11AX40SISO	Ant1	2437	37.84	2417.96	2455.80	0.5	PASS
11AX40SISO	Ant1	2452	37.76	2432.80	2470.56	0.5	PASS

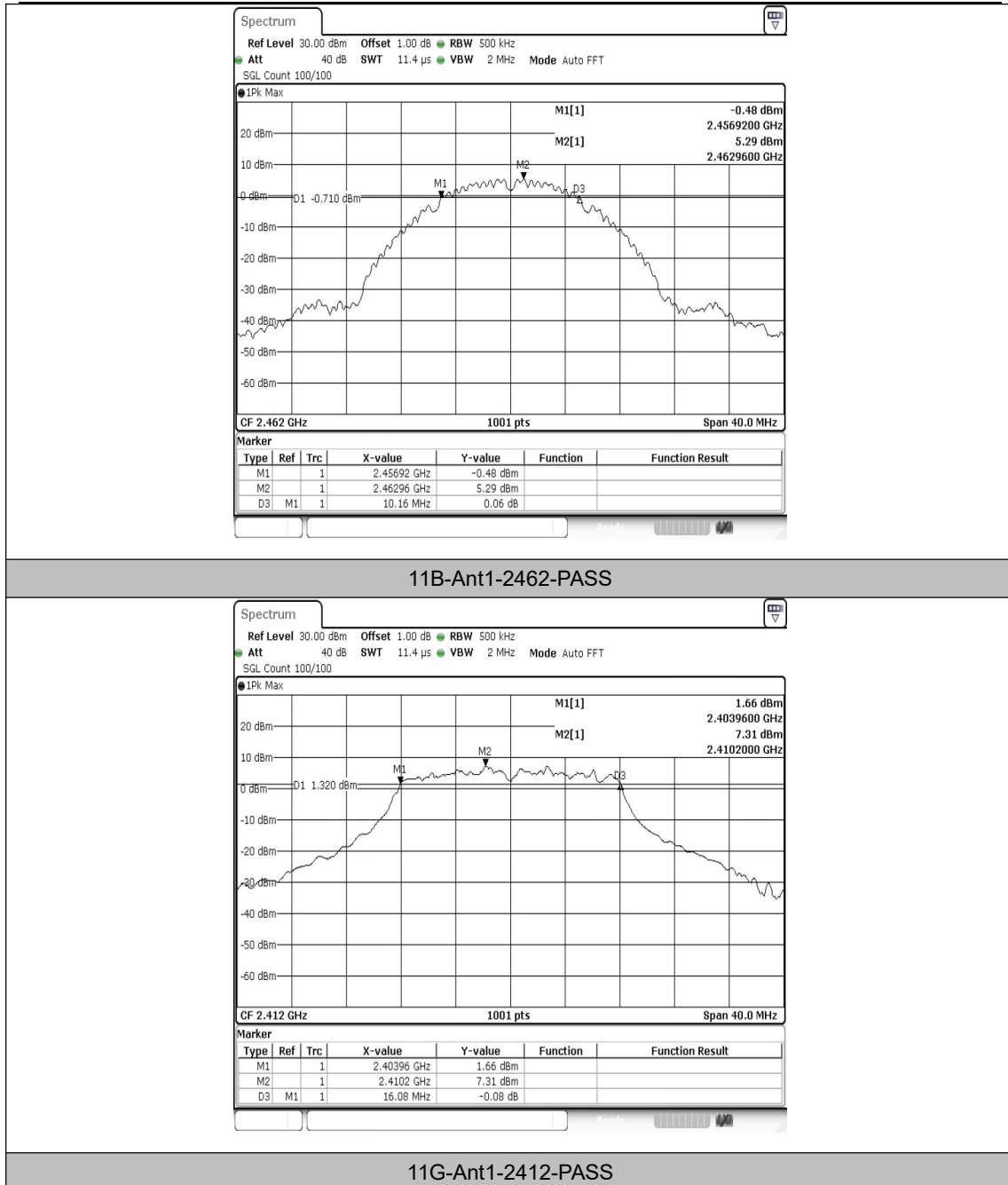
Test Graphs



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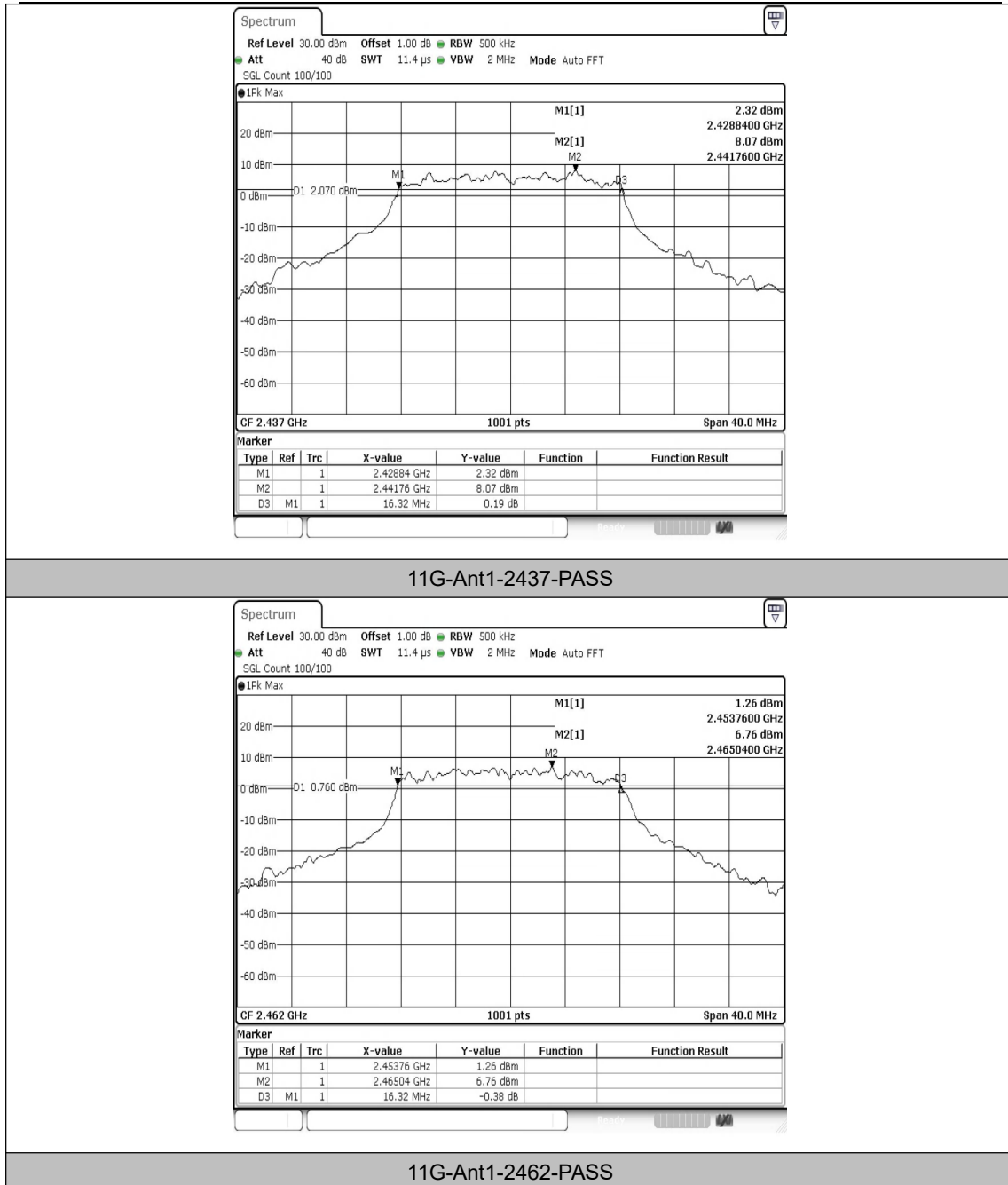
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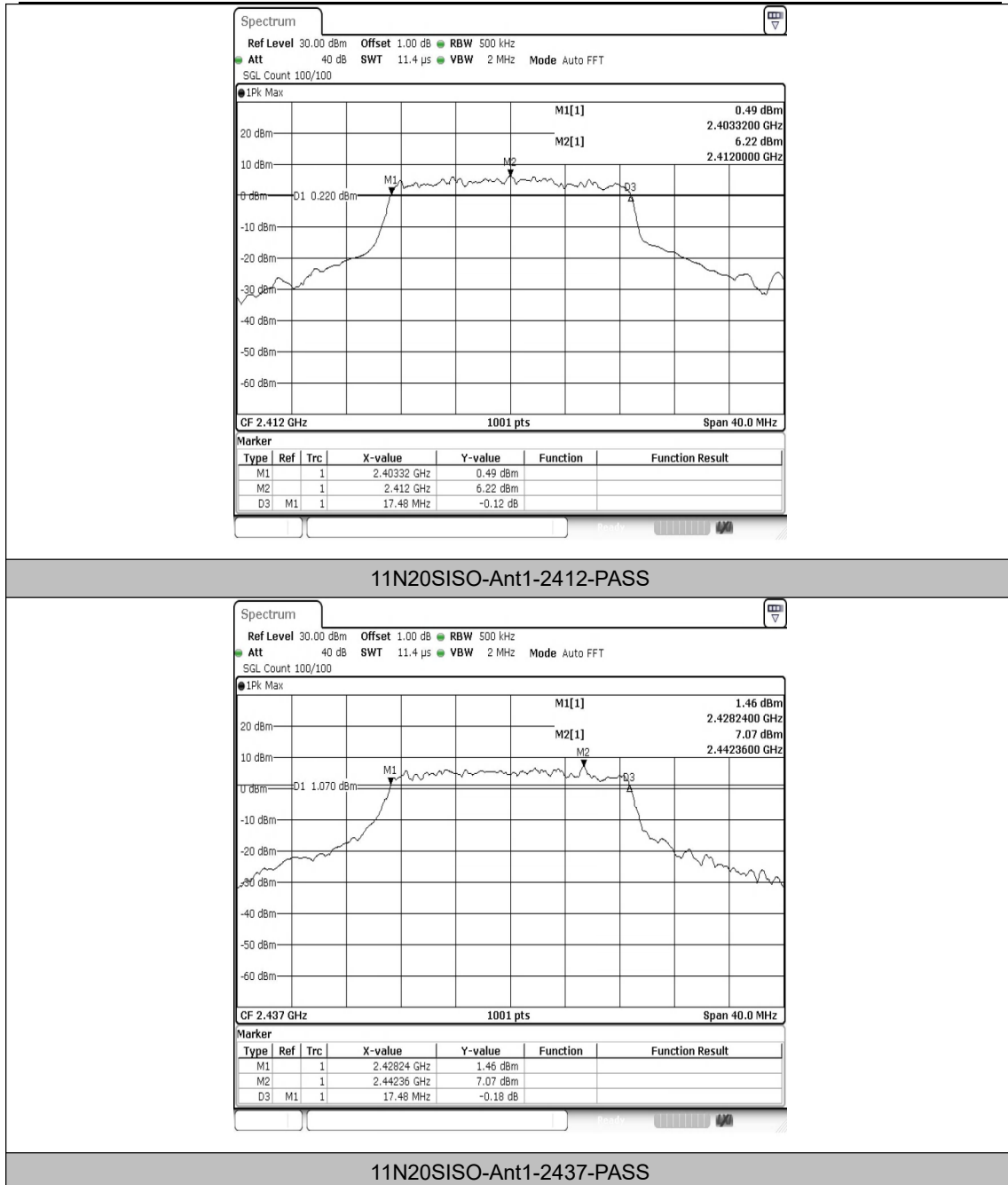


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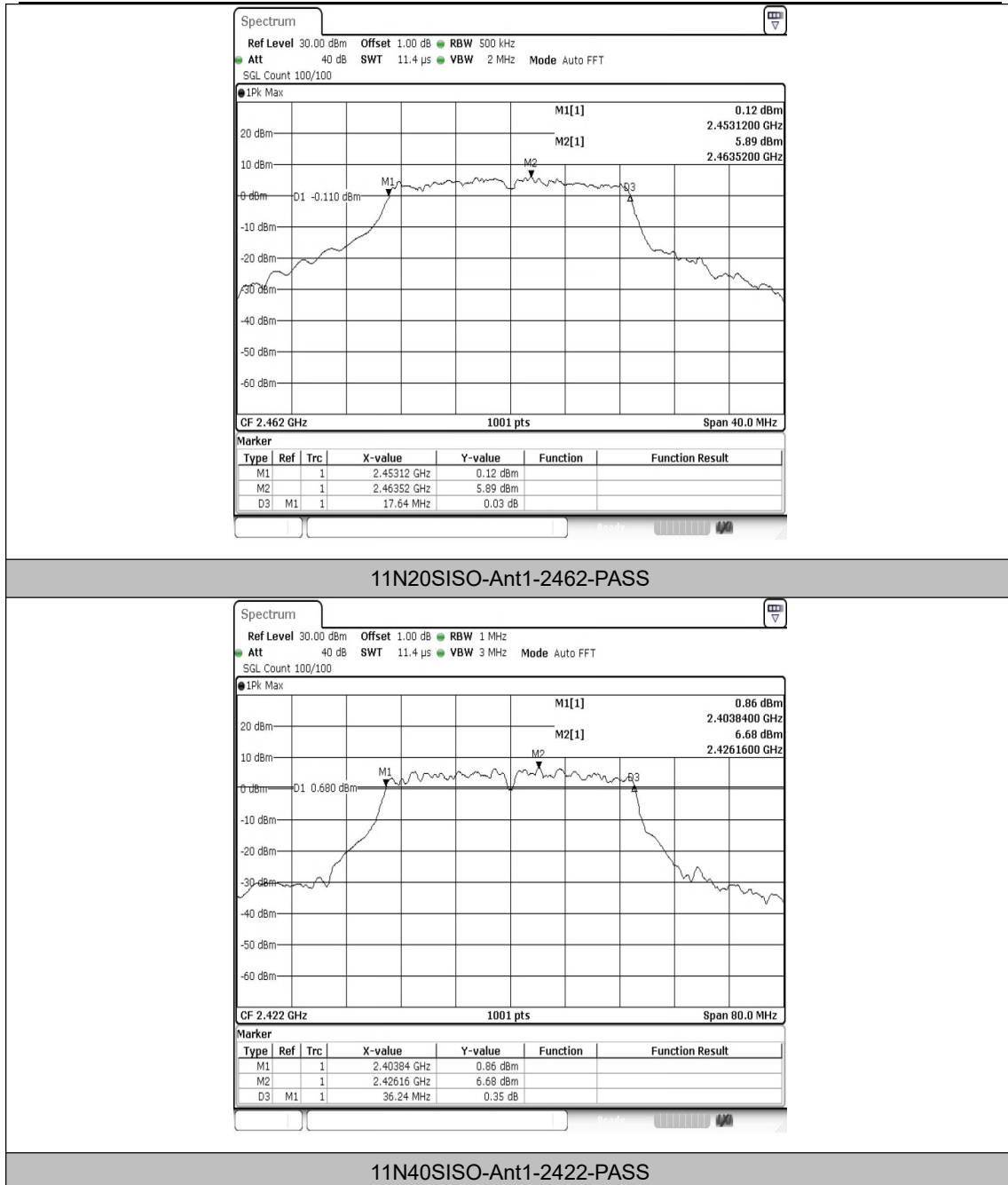




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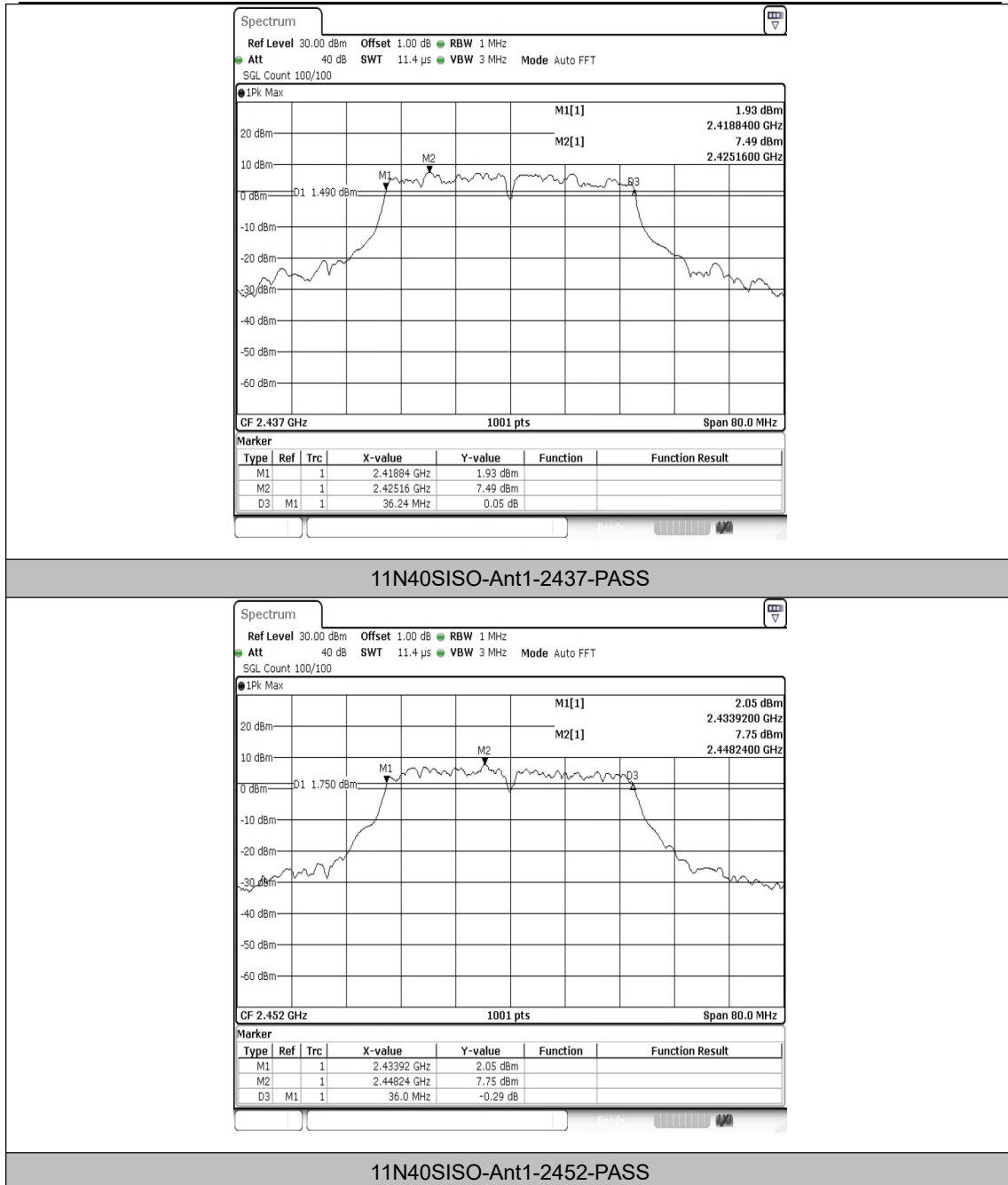
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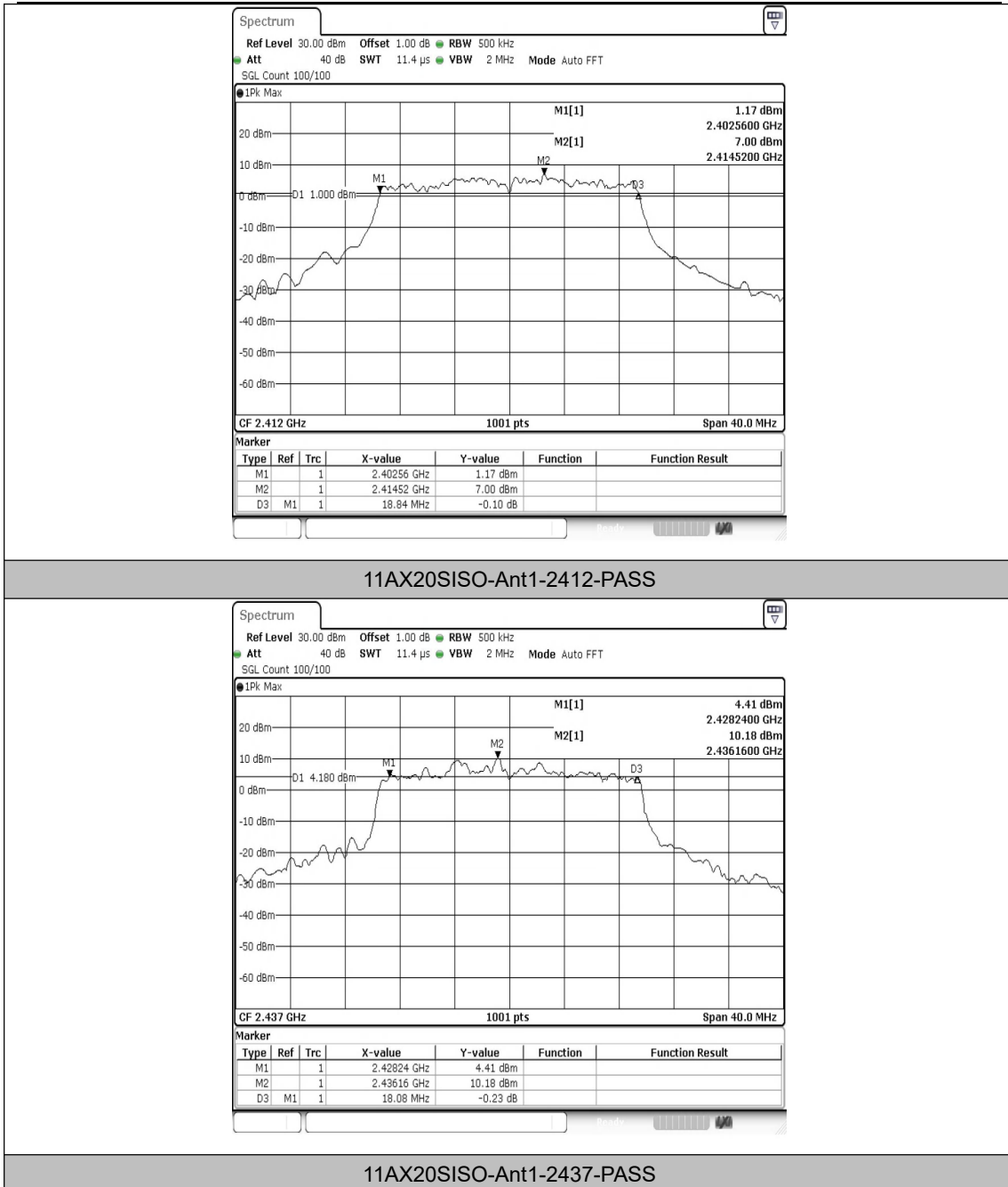
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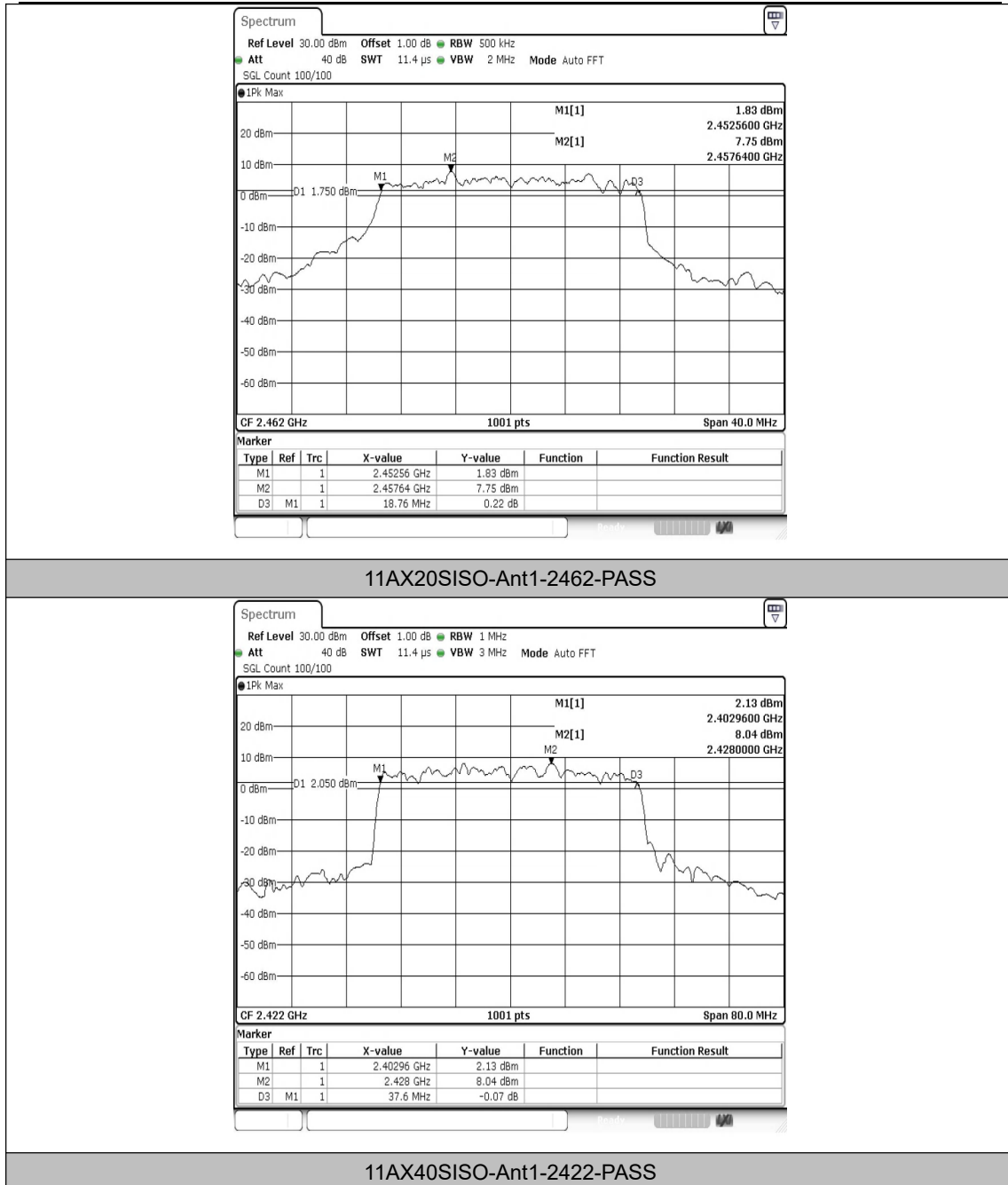


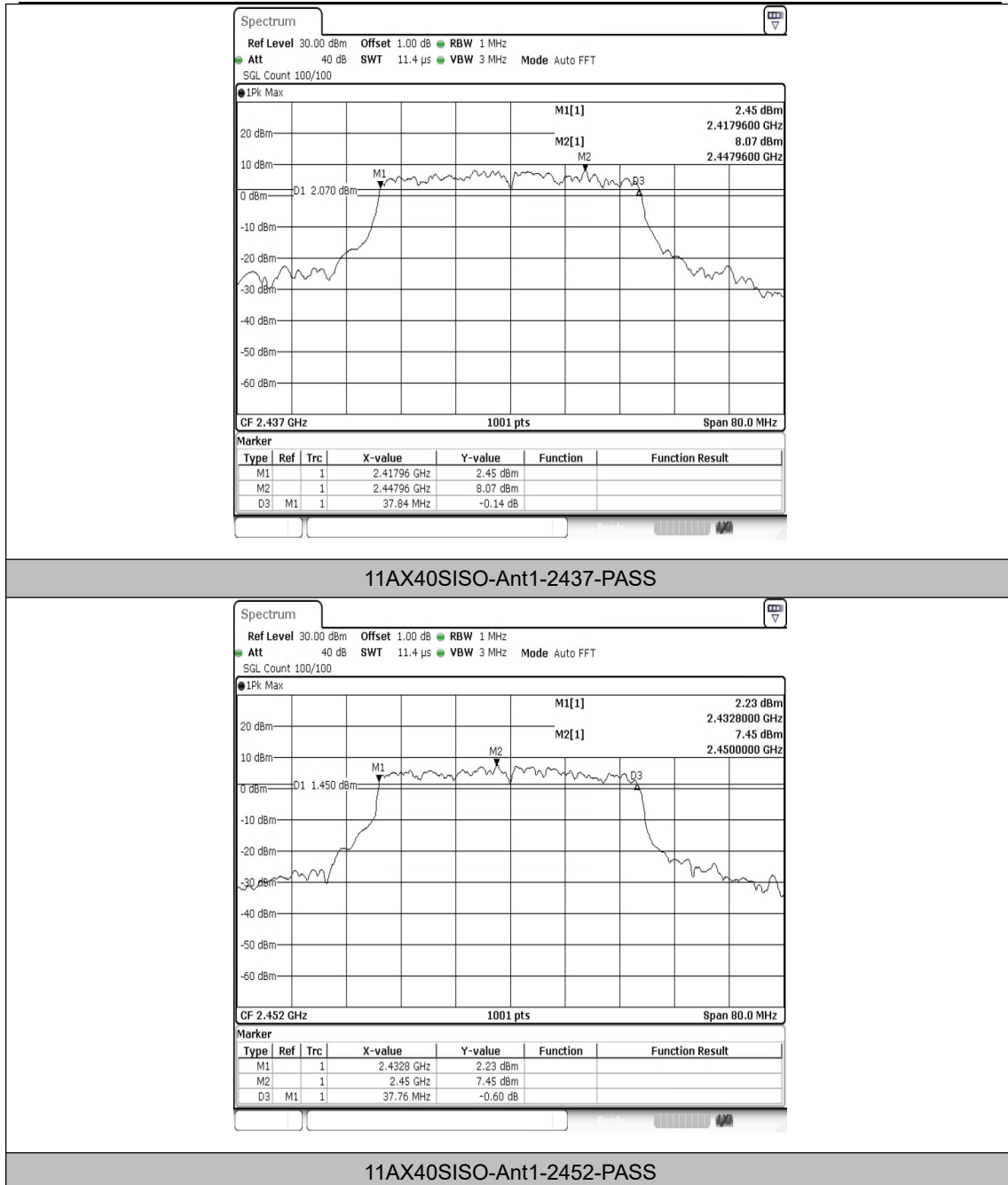
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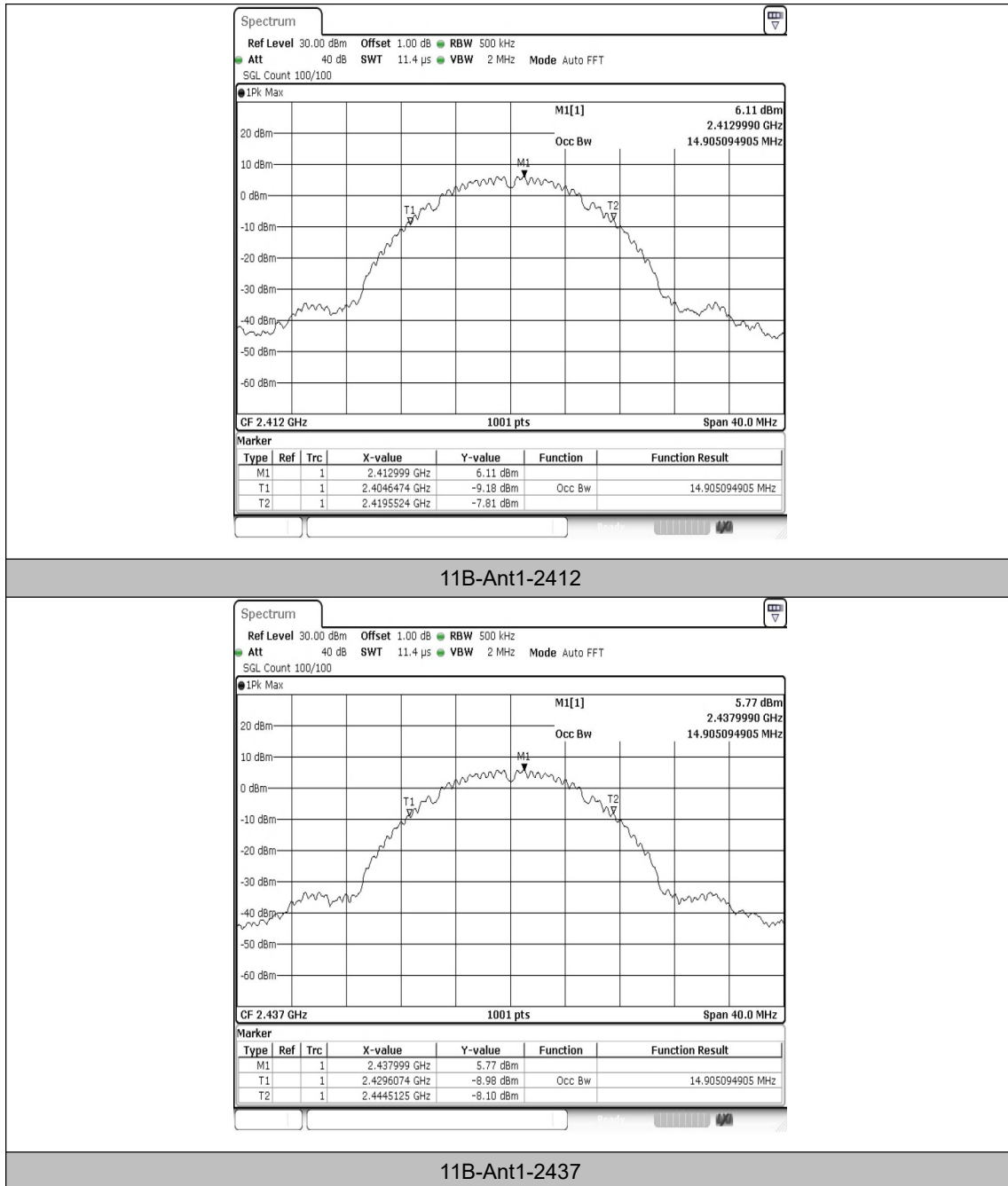
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.905	2404.6474	2419.5524	---	---
11B	Ant1	2437	14.905	2429.6074	2444.5125	---	---
11B	Ant1	2462	14.905	2454.6074	2469.5125	---	---
11G	Ant1	2412	17.742	2403.3287	2421.0709	---	---
11G	Ant1	2437	17.982	2427.5694	2445.5514	---	---
11G	Ant1	2462	16.983	2453.6084	2470.5914	---	---
11N20SISO	Ant1	2412	18.501	2402.9291	2421.4306	---	---
11N20SISO	Ant1	2437	18.661	2427.8092	2446.4705	---	---
11N20SISO	Ant1	2462	18.342	2452.8891	2471.2308	---	---
11N40SISO	Ant1	2422	36.523	2403.6184	2440.1419	---	---
11N40SISO	Ant1	2437	36.603	2418.4585	2455.0619	---	---
11N40SISO	Ant1	2452	36.763	2433.6983	2470.4615	---	---
11AX20SISO	Ant1	2412	19.461	2402.5295	2421.9900	---	---
11AX20SISO	Ant1	2437	19.221	2427.4096	2446.6304	---	---
11AX20SISO	Ant1	2462	19.101	2452.4895	2471.5904	---	---
11AX40SISO	Ant1	2422	38.282	2402.7393	2441.0210	---	---
11AX40SISO	Ant1	2437	38.042	2418.0589	2456.1009	---	---
11AX40SISO	Ant1	2452	38.042	2432.9790	2471.0210	---	---

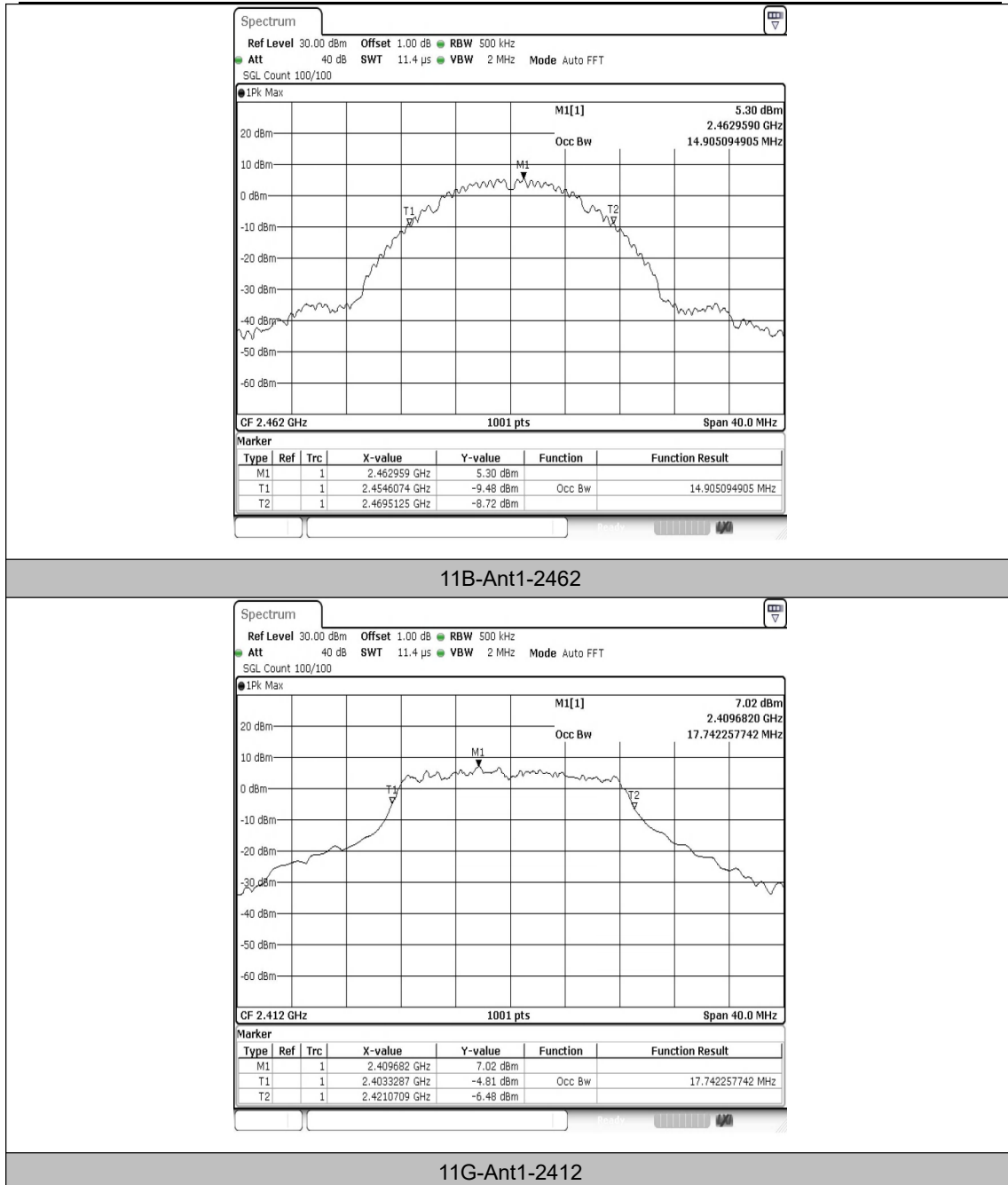
Test Graphs

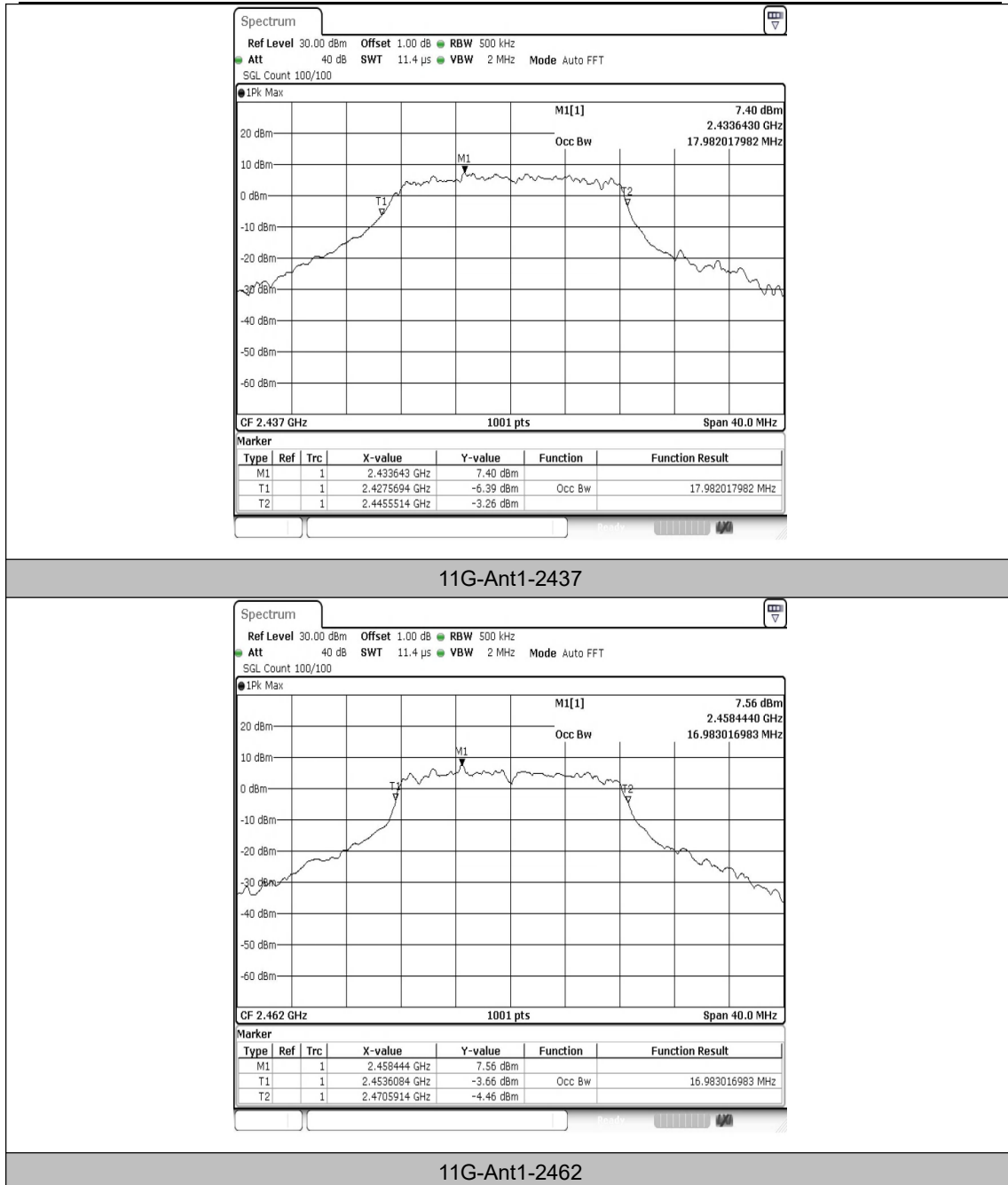


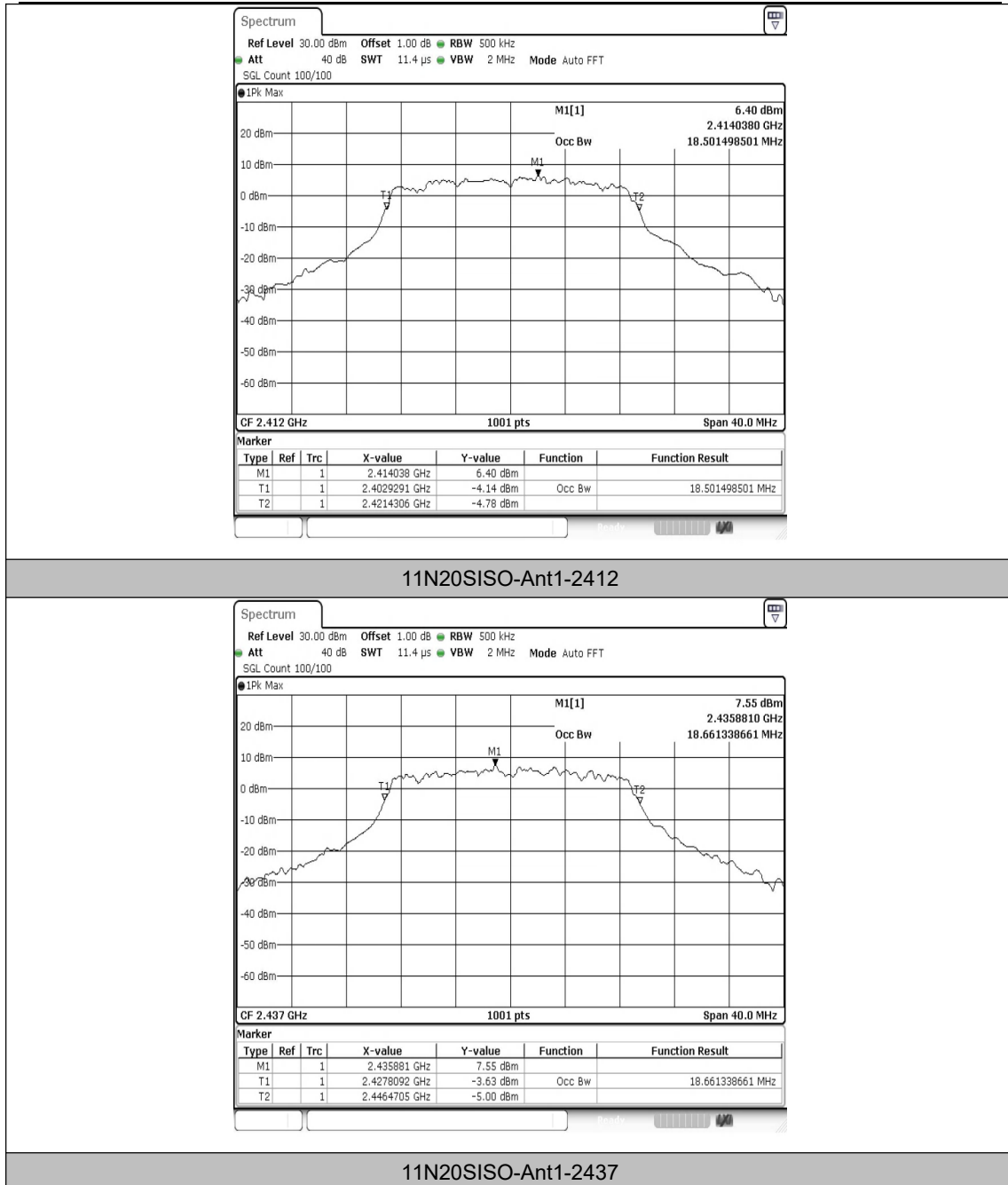
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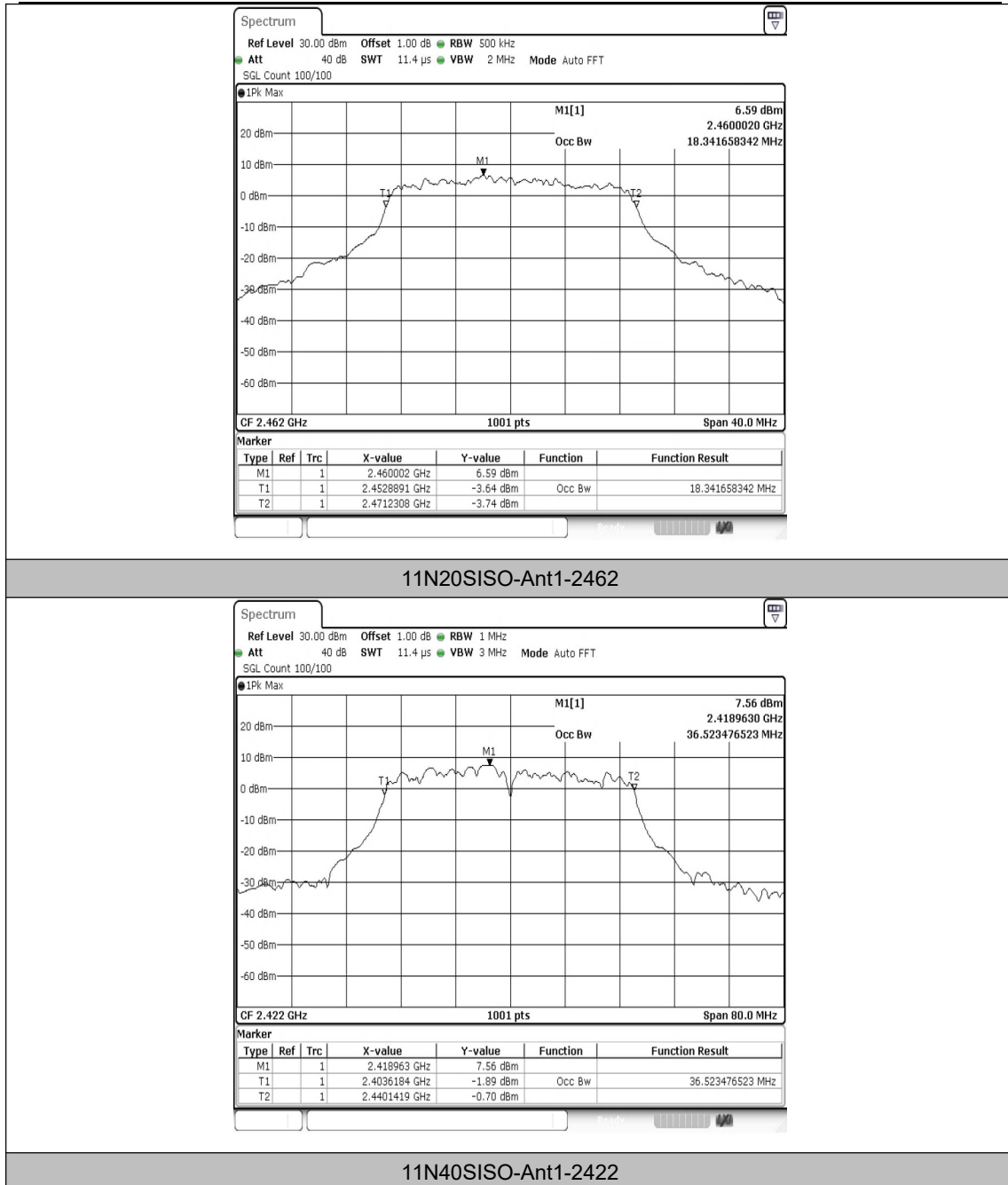
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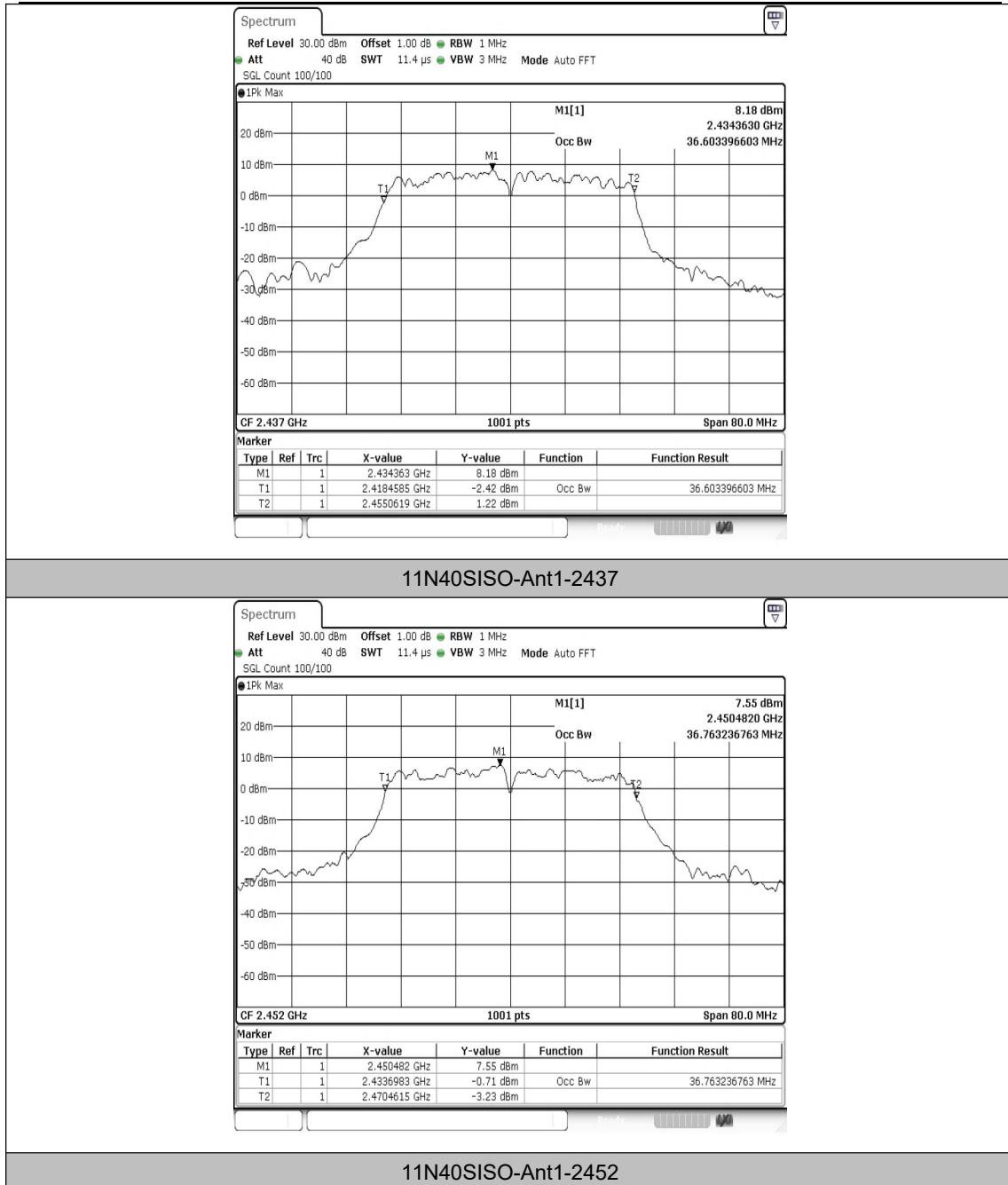


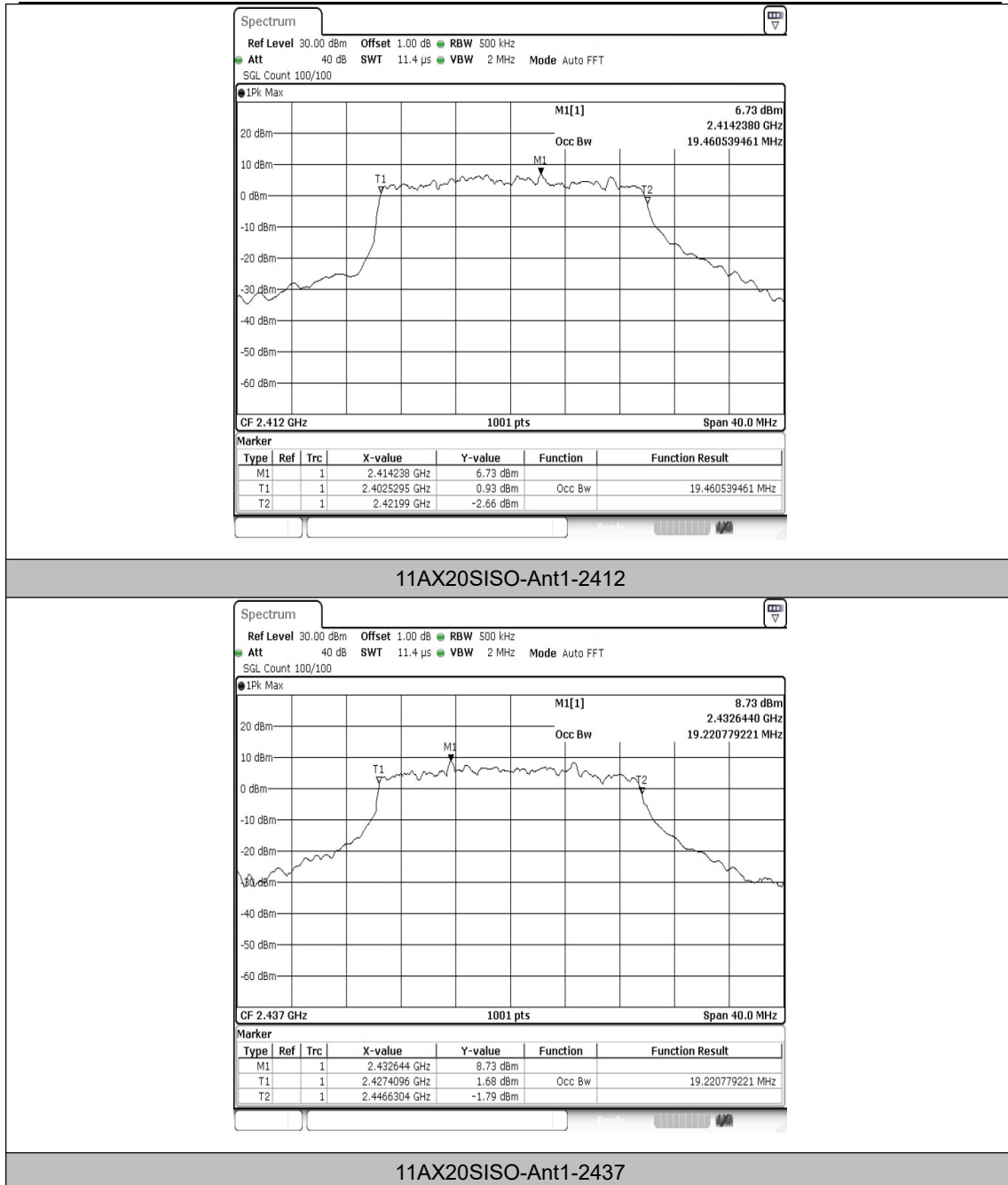


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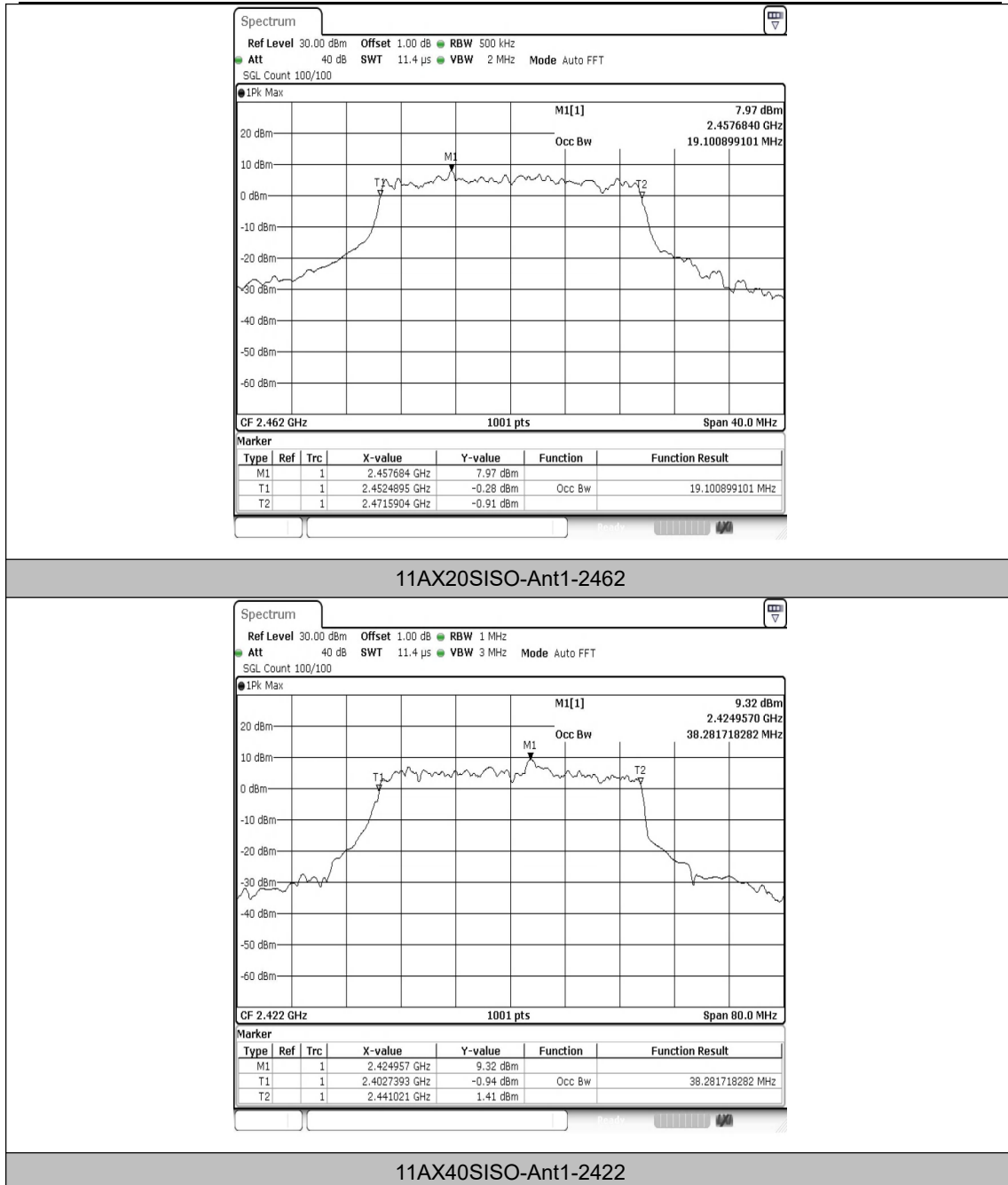


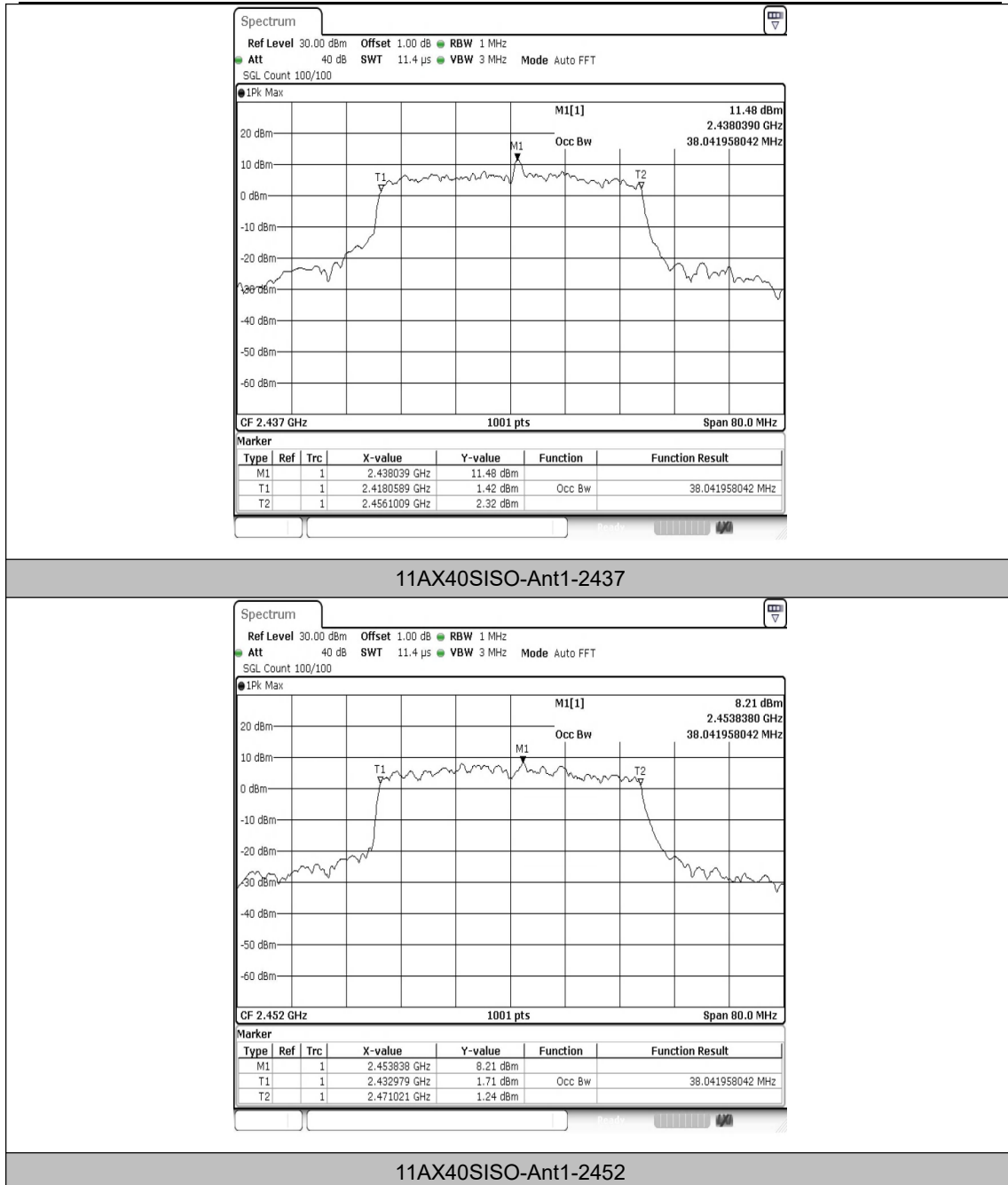


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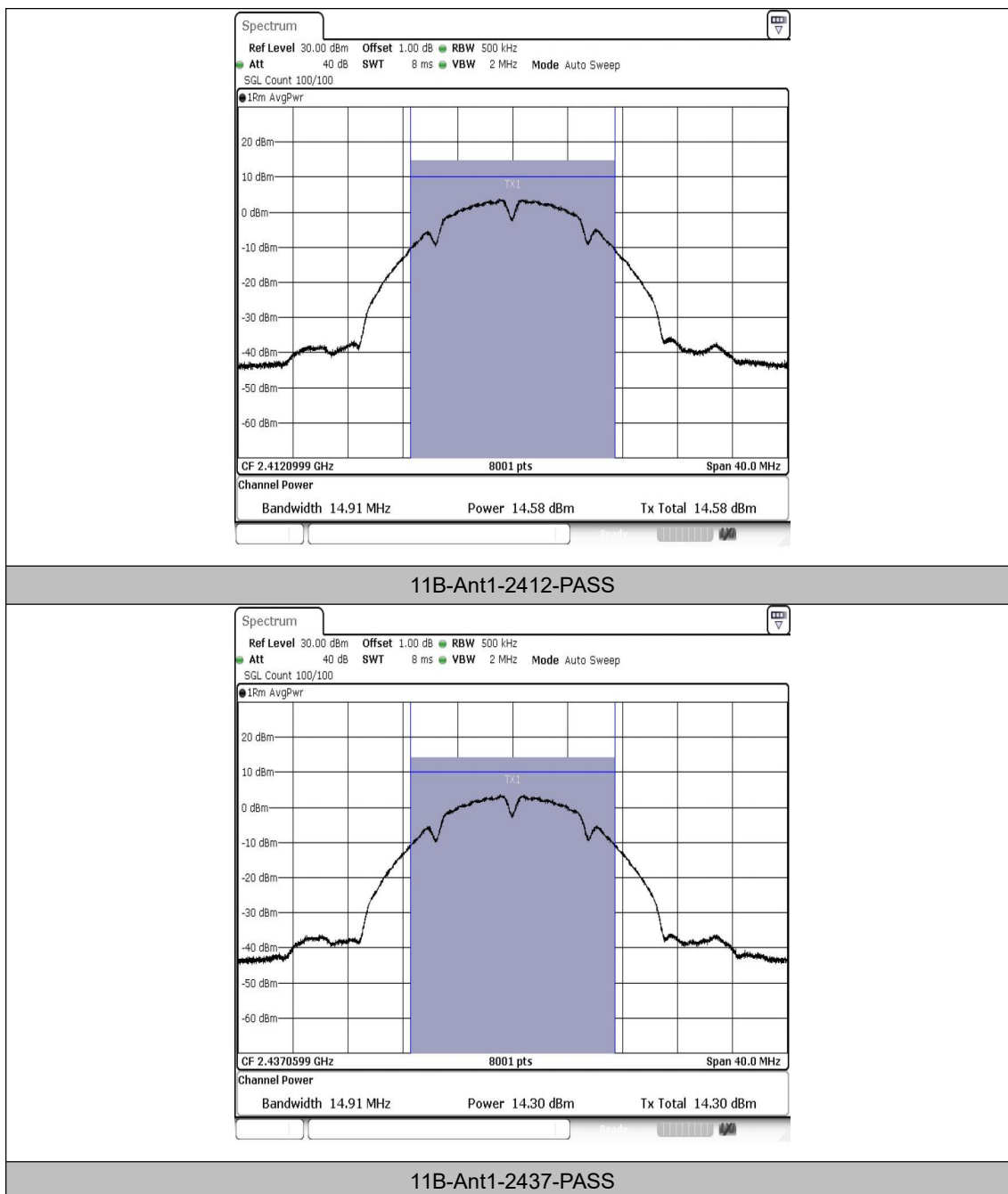
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.58	98.79	0.05	14.63	≤30.00	PASS
11B	Ant1	2437	14.30	98.79	0.05	14.35	≤30.00	PASS
11B	Ant1	2462	13.83	98.79	0.05	13.88	≤30.00	PASS
11G	Ant1	2412	13.74	90.91	0.41	14.15	≤30.00	PASS
11G	Ant1	2437	14.31	94.39	0.25	14.56	≤30.00	PASS
11G	Ant1	2462	13.67	94.39	0.25	13.92	≤30.00	PASS
11N20SISO	Ant1	2412	13.63	89.62	0.48	14.11	≤30.00	PASS
11N20SISO	Ant1	2437	14.21	88.79	0.52	14.73	≤30.00	PASS
11N20SISO	Ant1	2462	13.59	88.79	0.52	14.11	≤30.00	PASS
11N40SISO	Ant1	2422	12.32	90.00	0.46	12.87	≤30.00	PASS
11N40SISO	Ant1	2437	14.02	79.31	1.01	15.03	≤30.00	PASS
11N40SISO	Ant1	2452	13.55	83.93	0.76	14.31	≤30.00	PASS
11AX20SISO	Ant1	2412	11.25	89.02	0.51	11.76	≤30.00	PASS
11AX20SISO	Ant1	2437	14.20	90.12	0.45	14.65	≤30.00	PASS
11AX20SISO	Ant1	2462	13.42	85.88	0.66	14.08	≤30.00	PASS
11AX40SISO	Ant1	2422	13.11	77.55	1.10	14.21	≤30.00	PASS
11AX40SISO	Ant1	2437	13.82	79.17	1.01	14.83	≤30.00	PASS
11AX40SISO	Ant1	2452	13.57	80.85	0.92	14.49	≤30.00	PASS

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

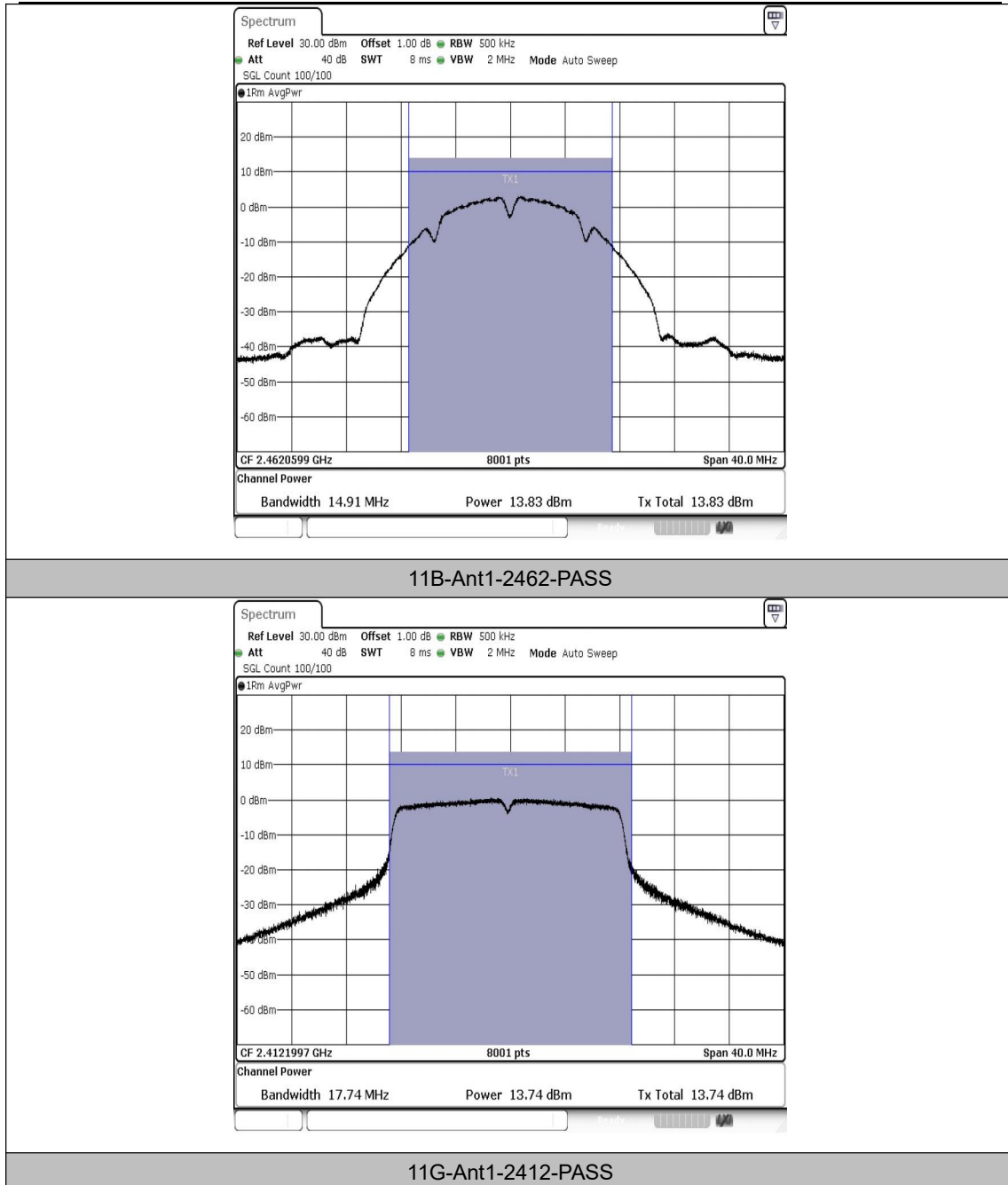
Test Graphs Average



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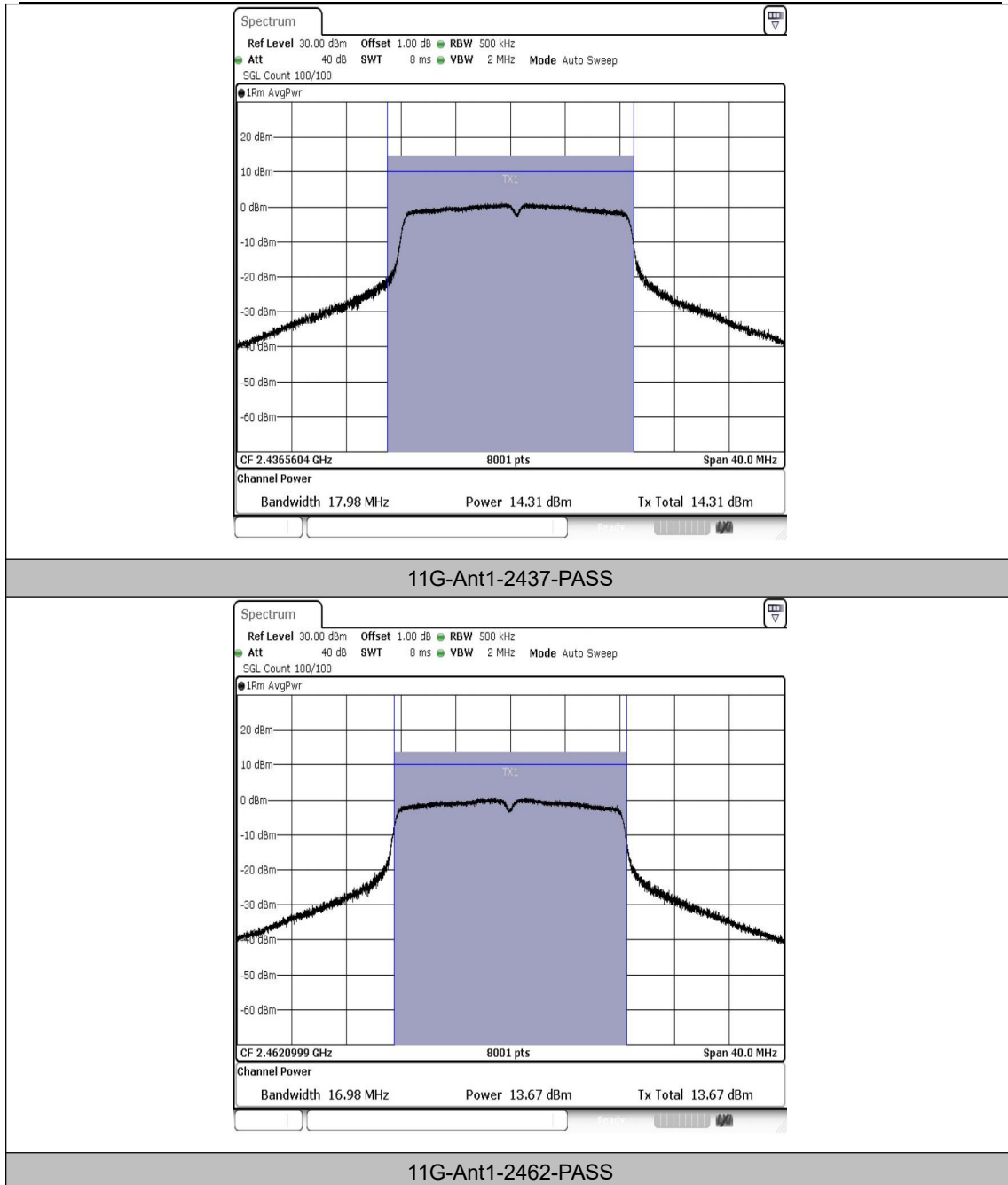
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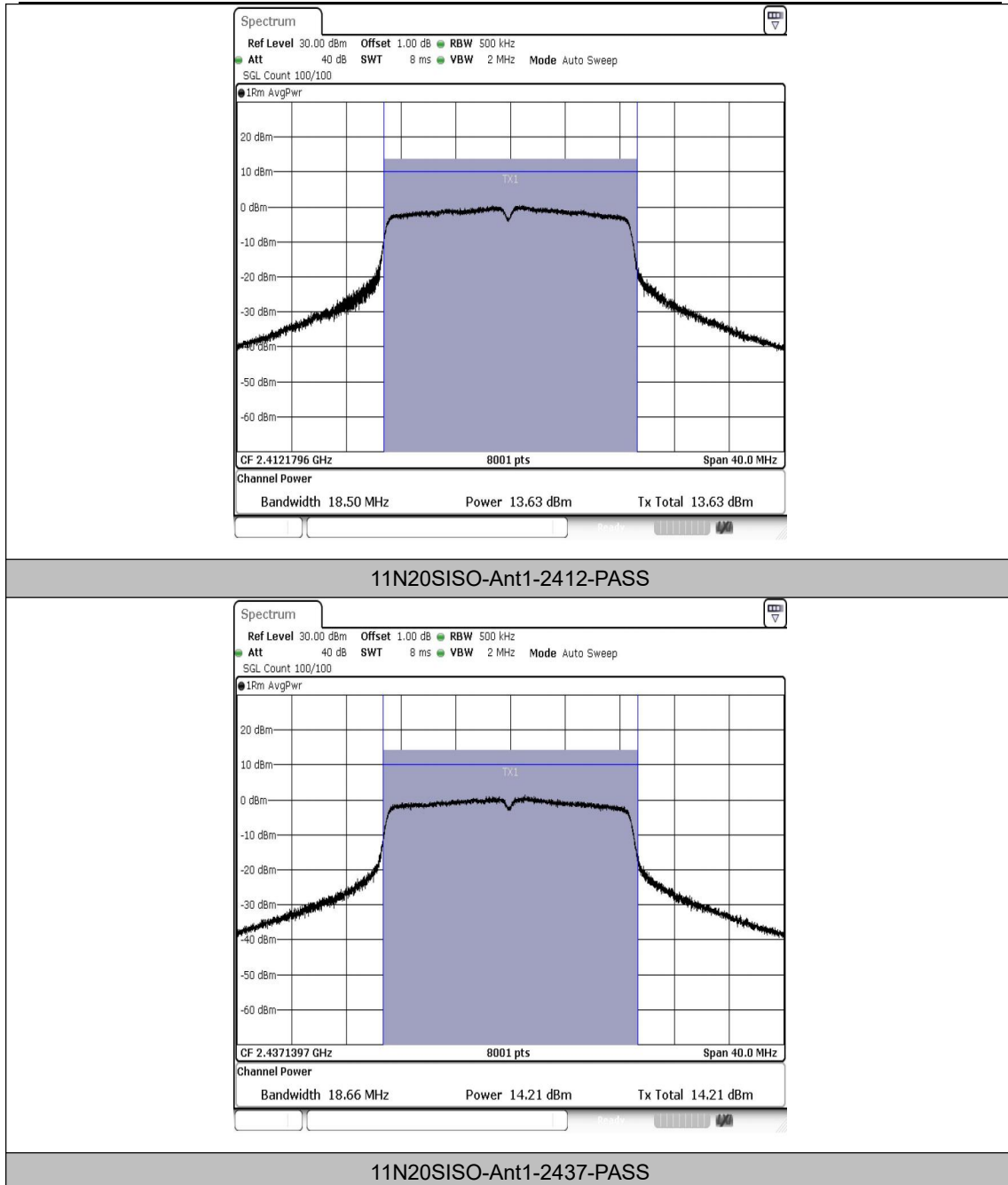
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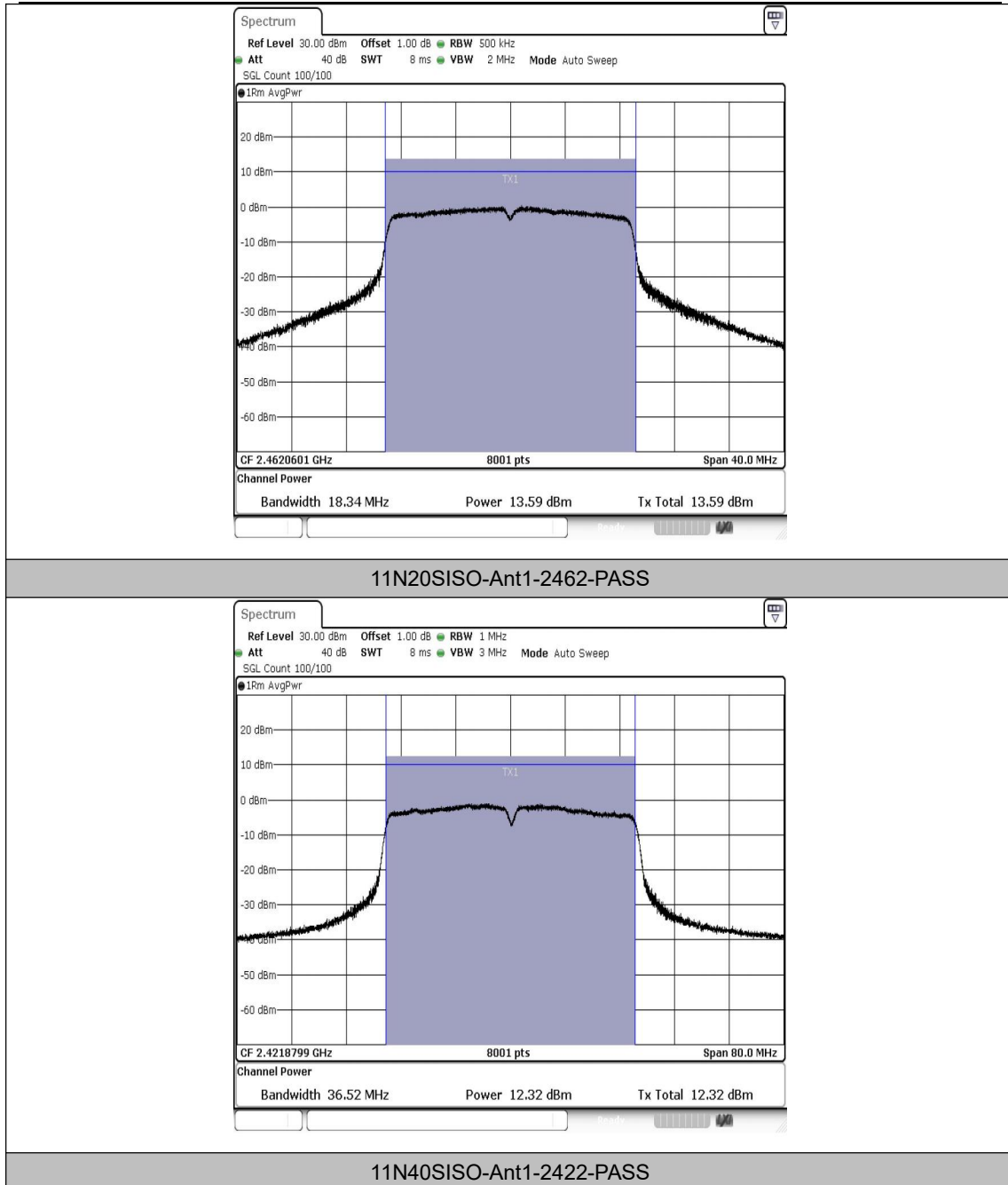
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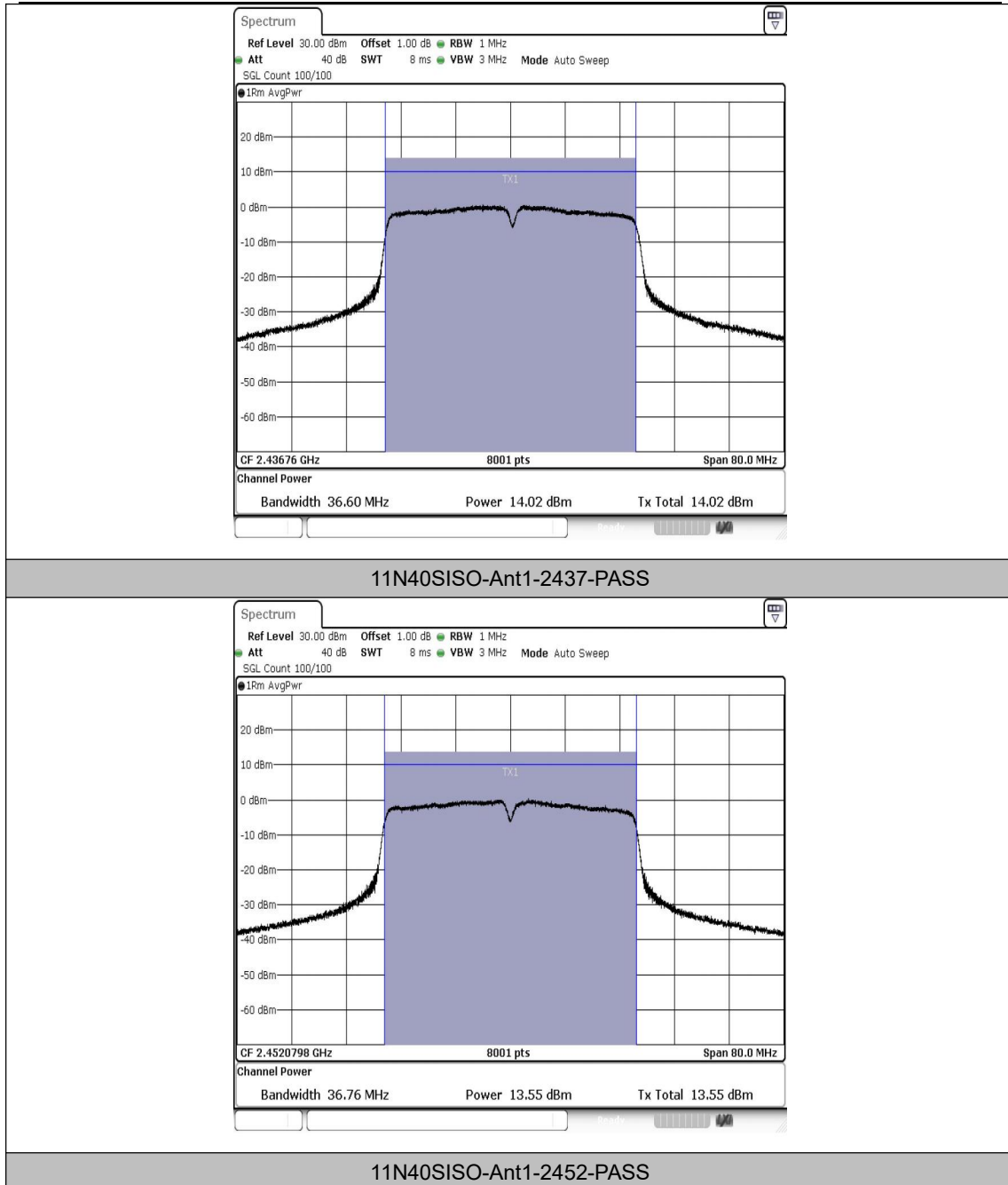
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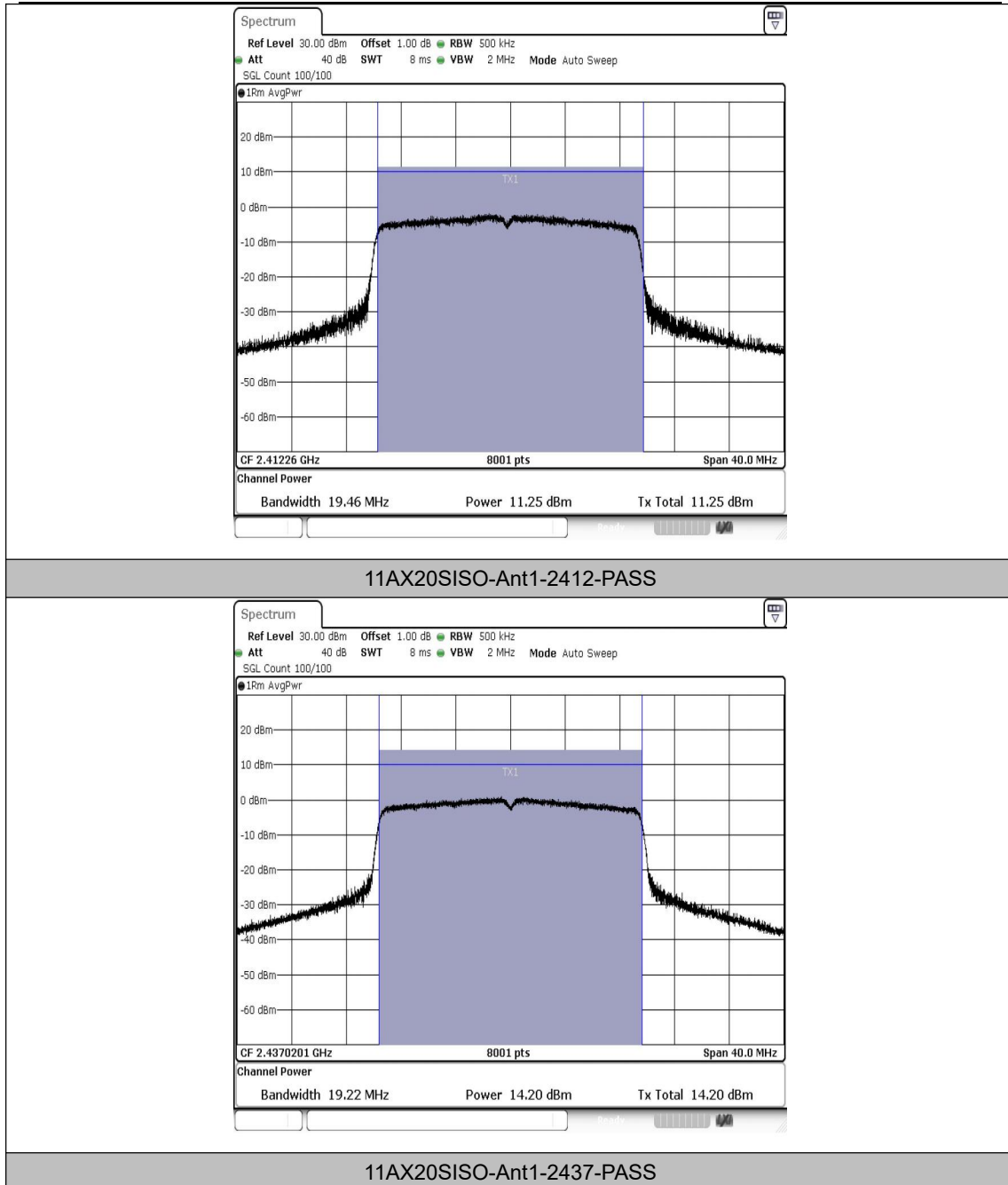
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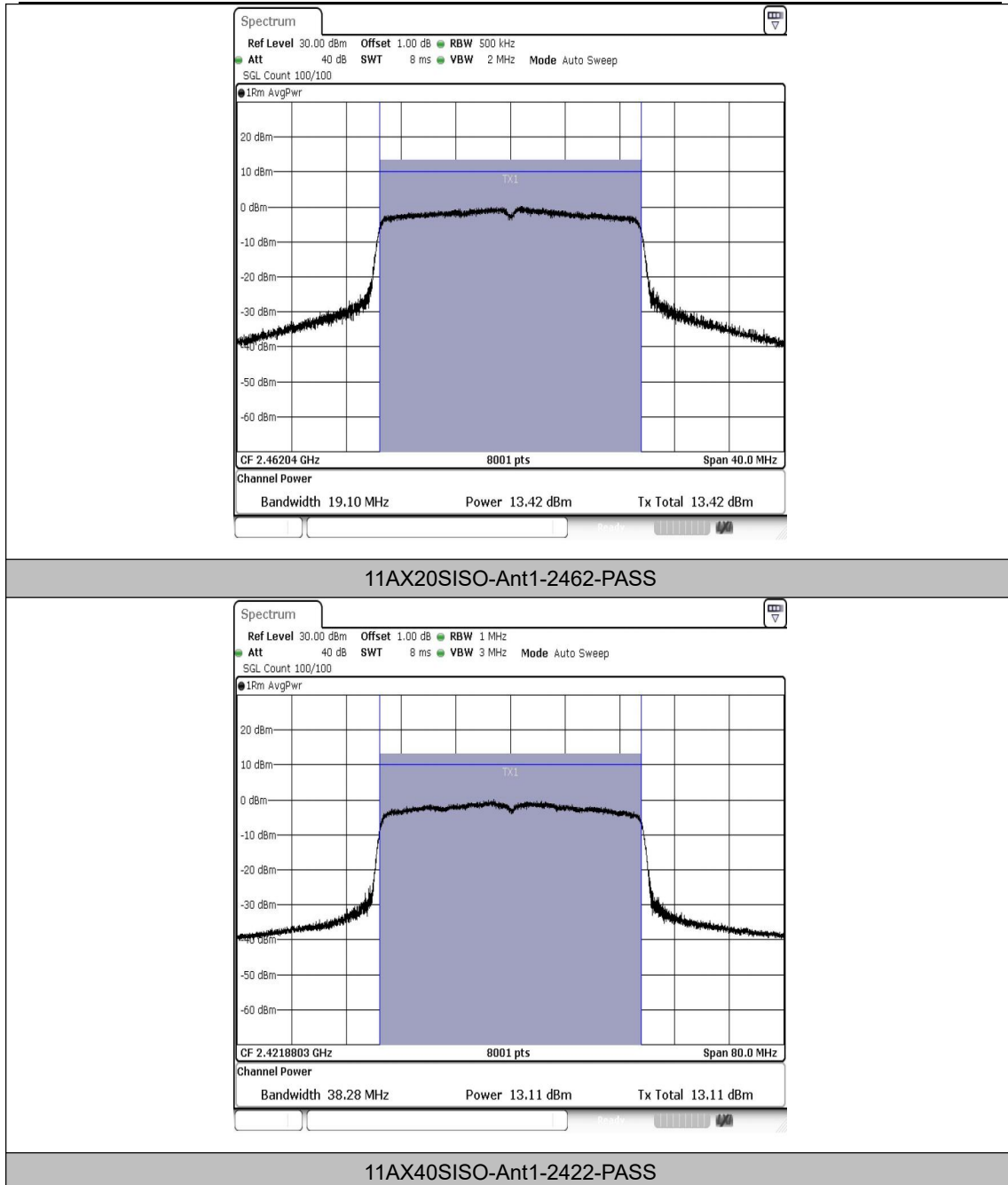
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