

Appendix Test Data

Report No.:	1812C50225112503	Test Sample No.:	1-2-2
Start Test Date:	2025-5-14	Finish Test Date:	2025-7-18
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.7°C	Relative Humidity:	57%
Pressure:	101kPa		

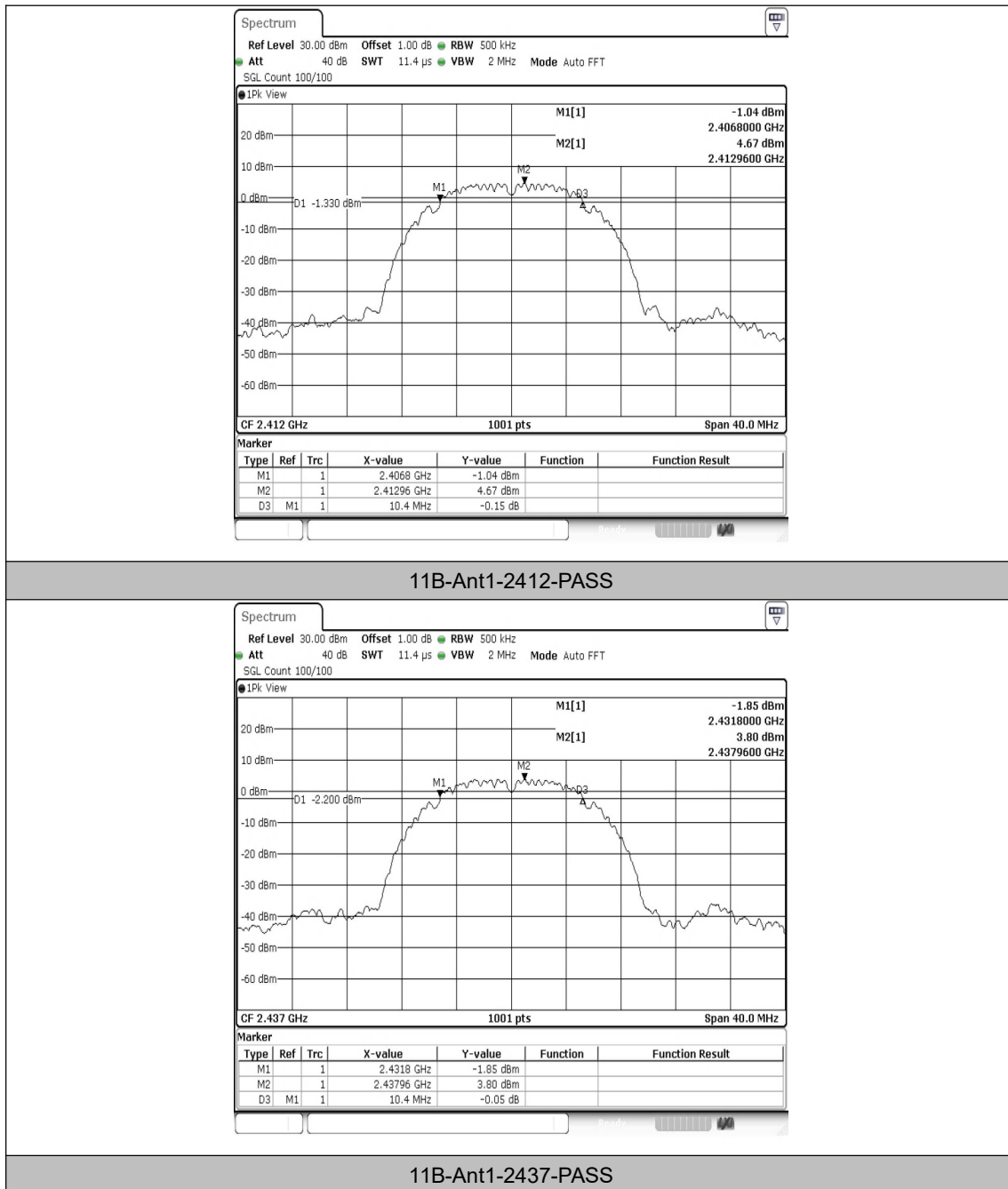
Appendix A: 6dB Bandwidth

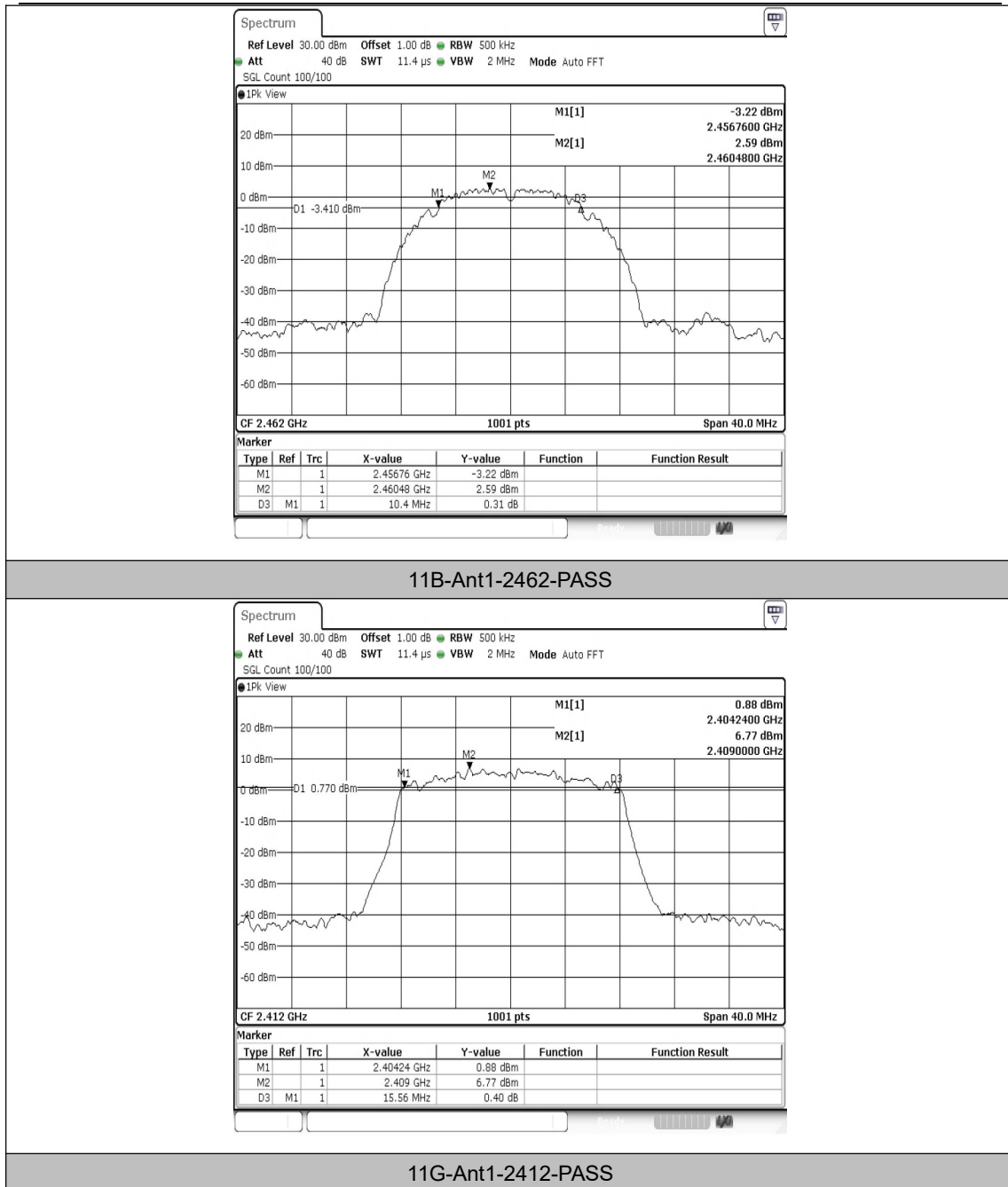
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.40	2406.80	2417.20	0.5	PASS
11B	Ant1	2437	10.40	2431.80	2442.20	0.5	PASS
11B	Ant1	2462	10.40	2456.76	2467.16	0.5	PASS
11G	Ant1	2412	15.56	2404.24	2419.80	0.5	PASS
11G	Ant1	2437	12.76	2430.64	2443.40	0.5	PASS
11G	Ant1	2462	15.40	2454.40	2469.80	0.5	PASS
11N20SISO	Ant1	2412	16.48	2403.76	2420.24	0.5	PASS
11N20SISO	Ant1	2437	16.32	2428.56	2444.88	0.5	PASS
11N20SISO	Ant1	2462	15.44	2454.44	2469.88	0.5	PASS
11N40SISO	Ant1	2422	30.88	2404.08	2434.96	0.5	PASS
11N40SISO	Ant1	2437	30.32	2419.00	2449.32	0.5	PASS
11N40SISO	Ant1	2452	32.80	2434.40	2467.20	0.5	PASS
11AX20SISO	Ant1	2412	13.64	2405.16	2418.80	0.5	PASS
11AX20SISO	Ant1	2437	16.60	2427.96	2444.56	0.5	PASS
11AX20SISO	Ant1	2462	15.32	2454.20	2469.52	0.5	PASS
11AX40SISO	Ant1	2422	26.16	2405.28	2431.44	0.5	PASS
11AX40SISO	Ant1	2437	26.16	2418.84	2445.00	0.5	PASS
11AX40SISO	Ant1	2452	34.96	2433.52	2468.48	0.5	PASS



Test Graphs

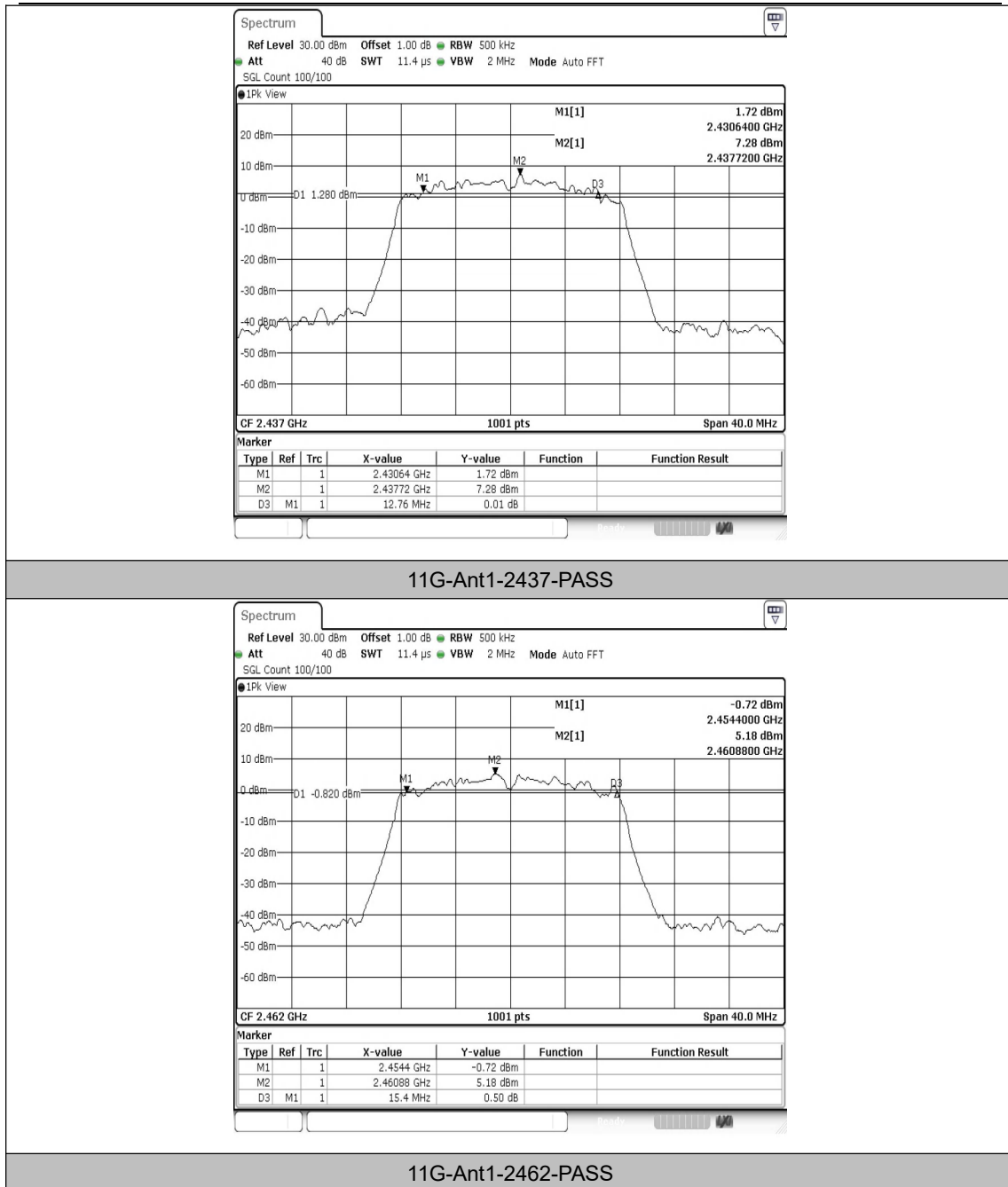




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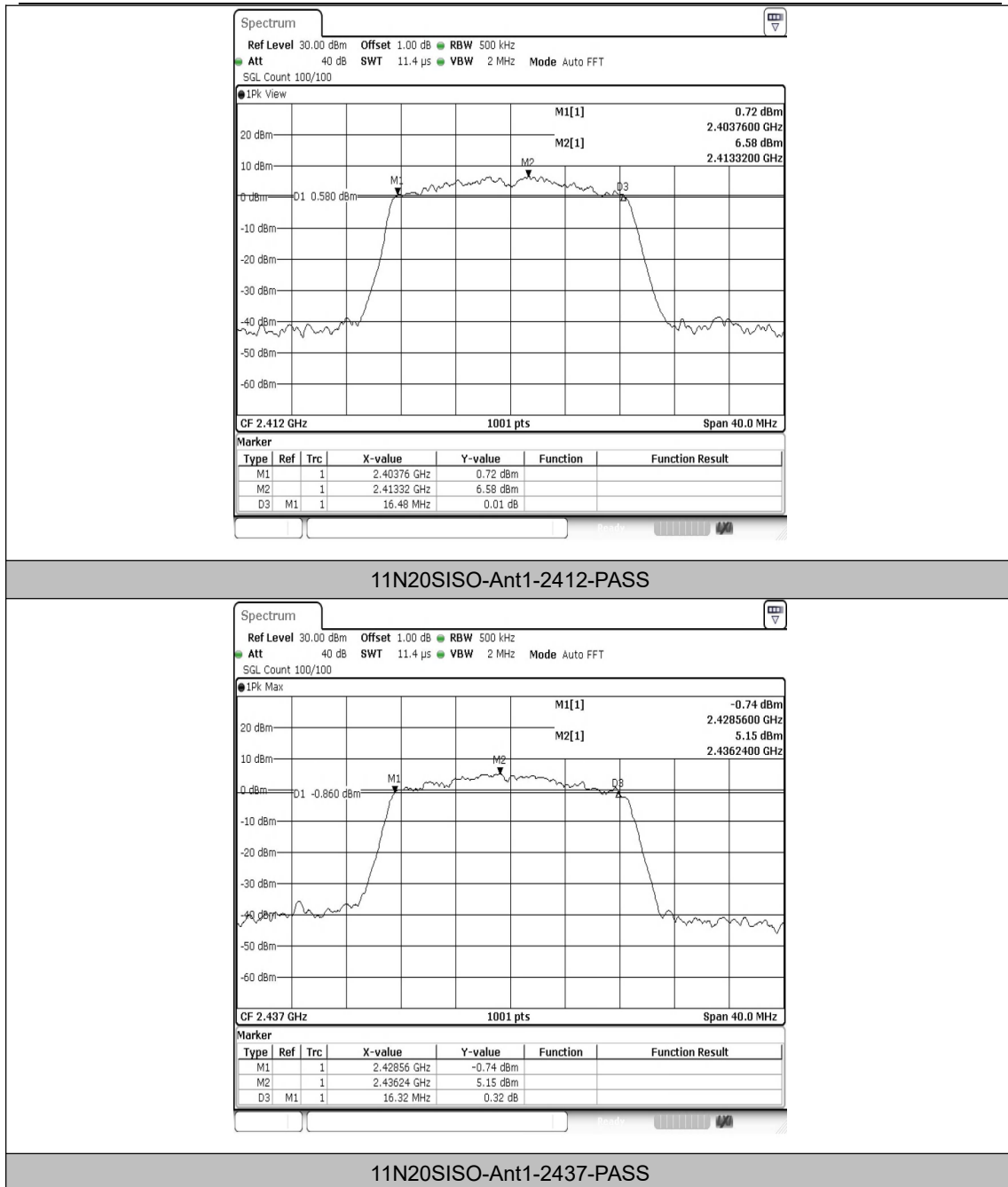
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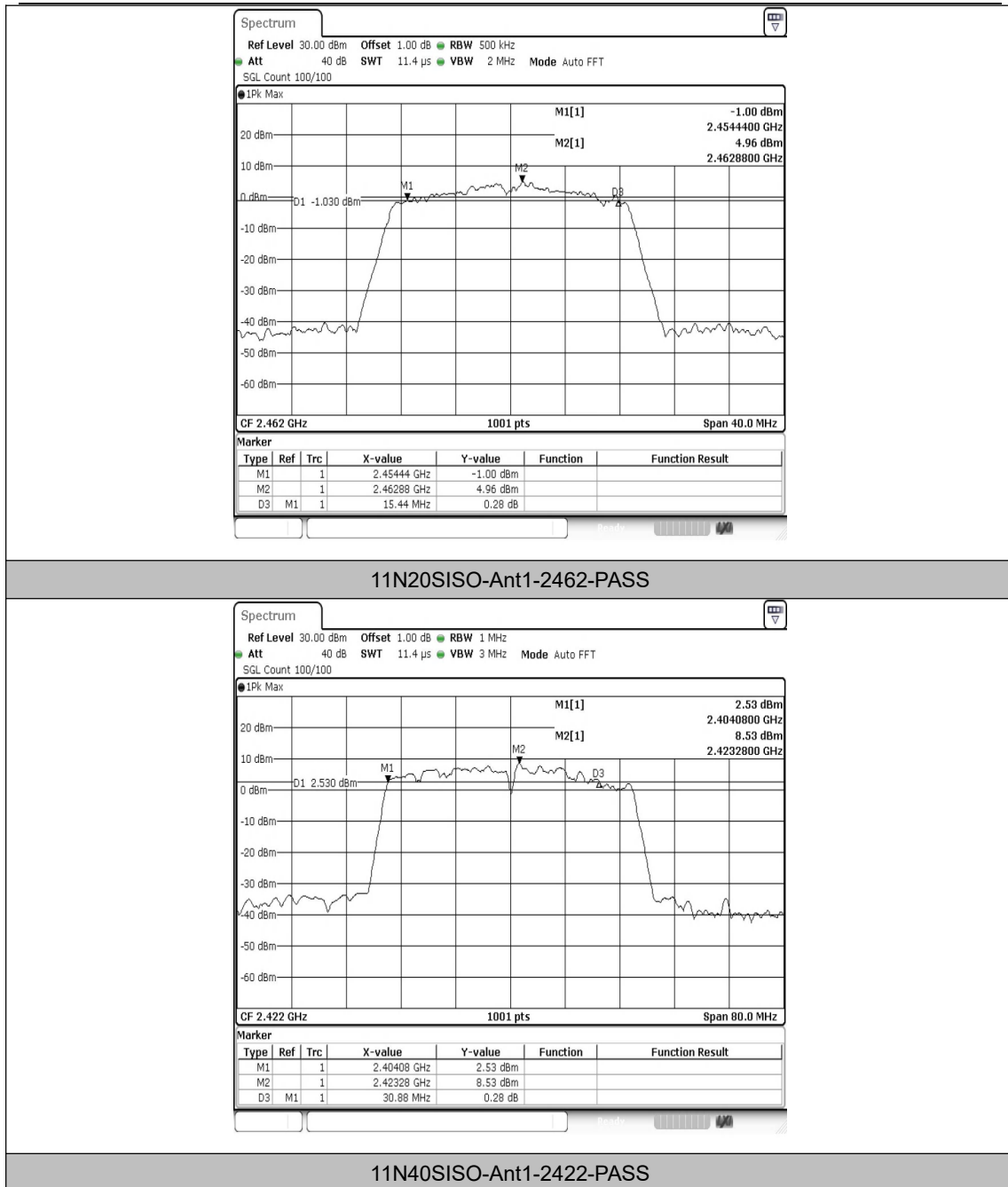
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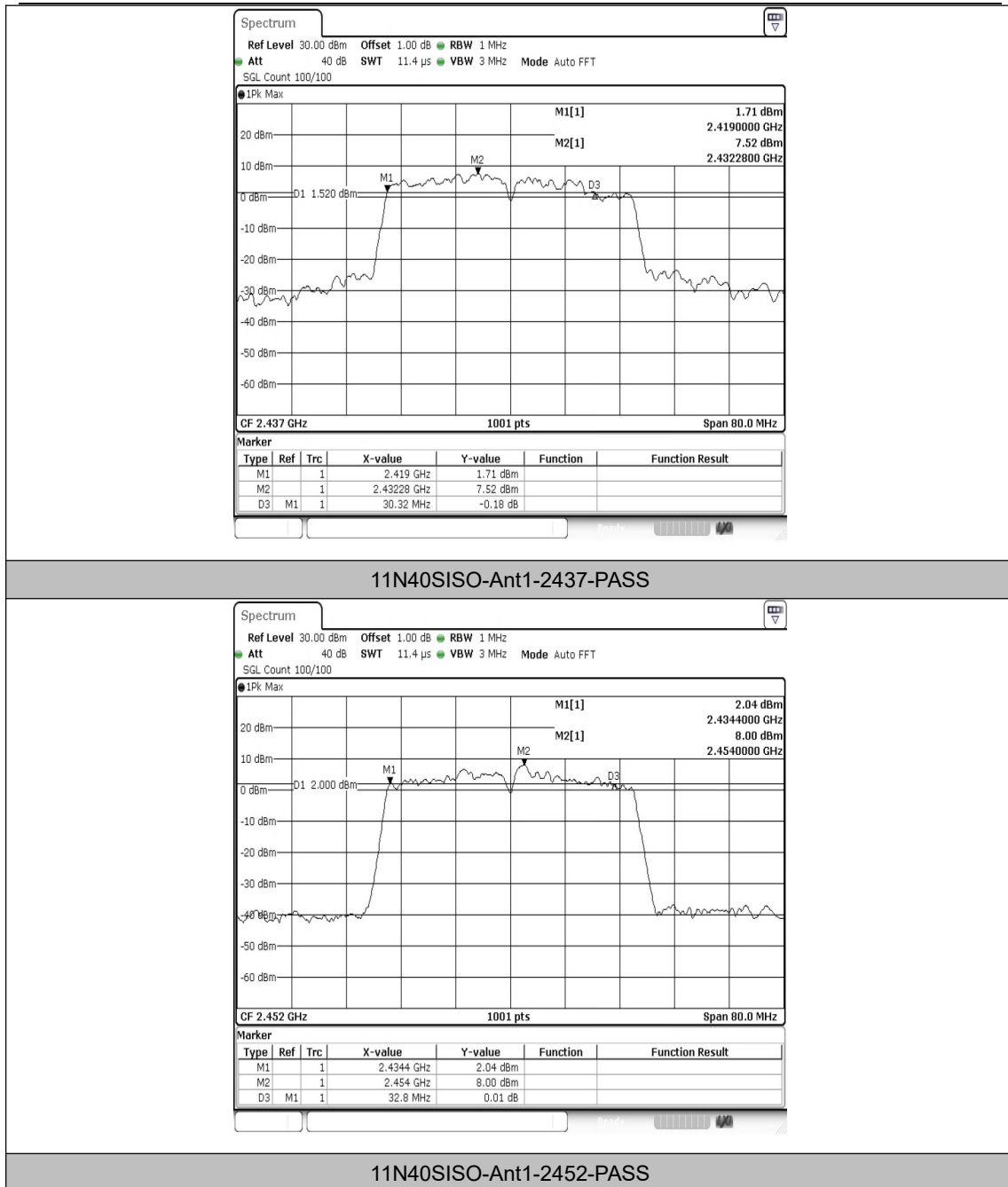
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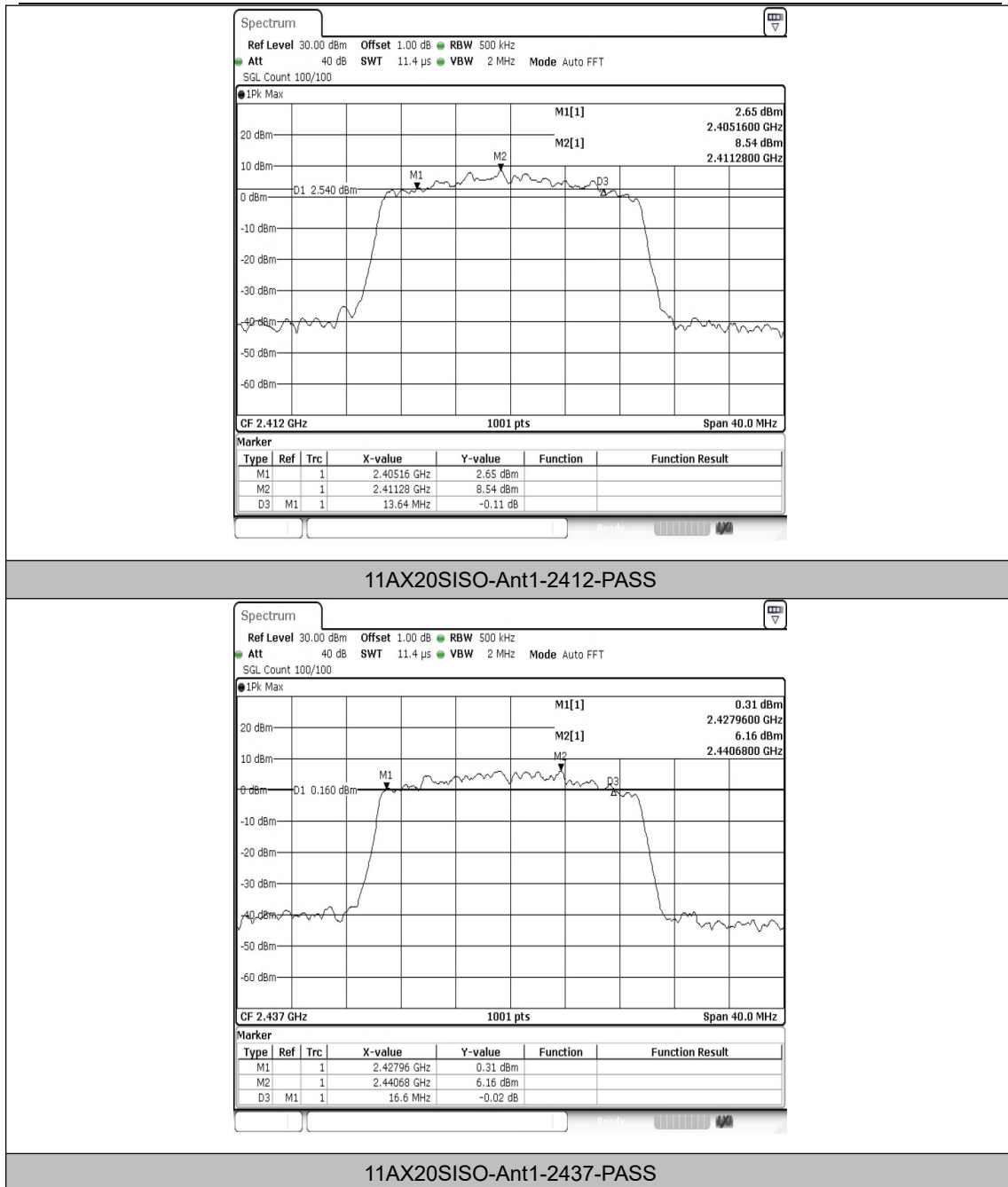
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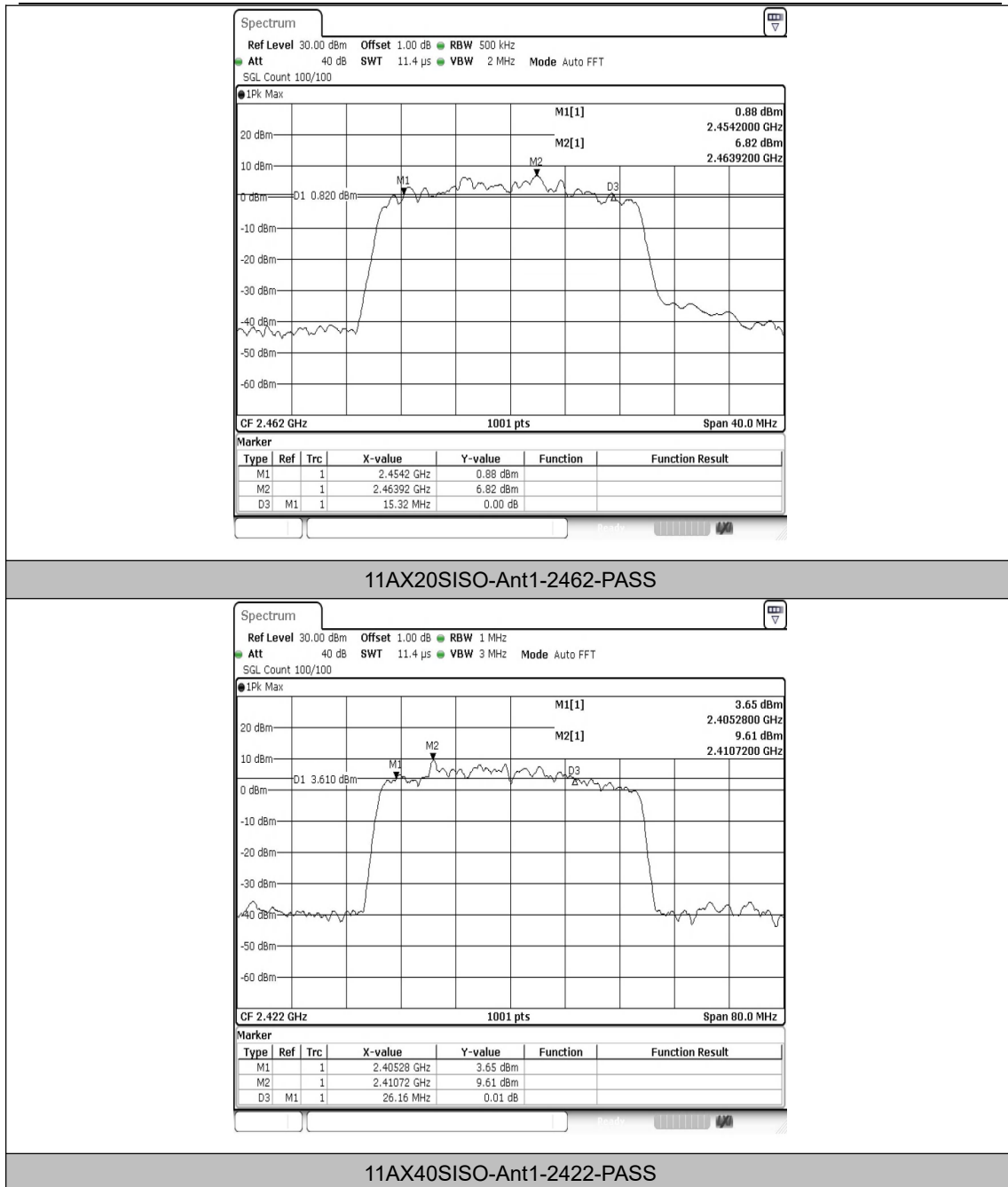
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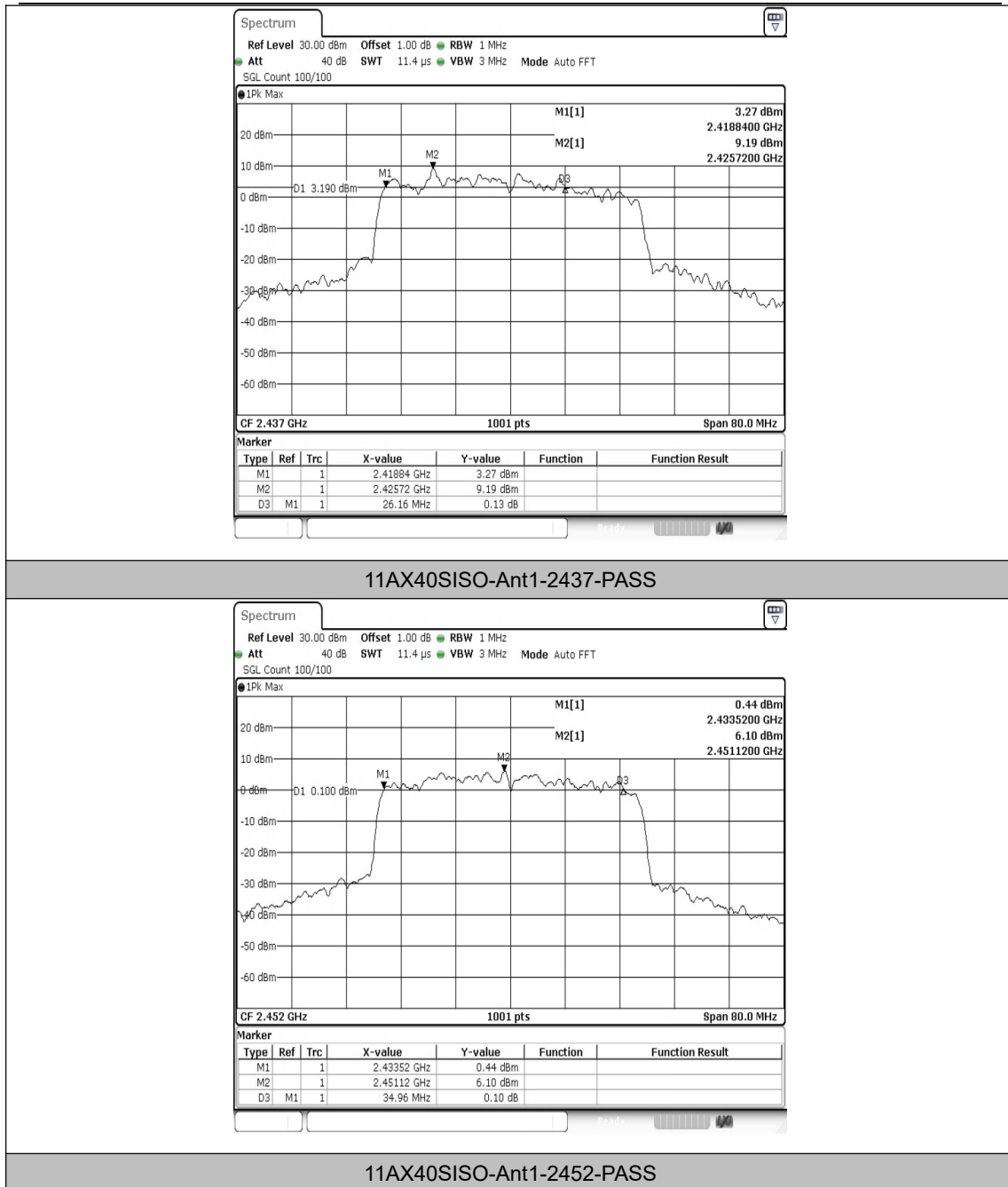
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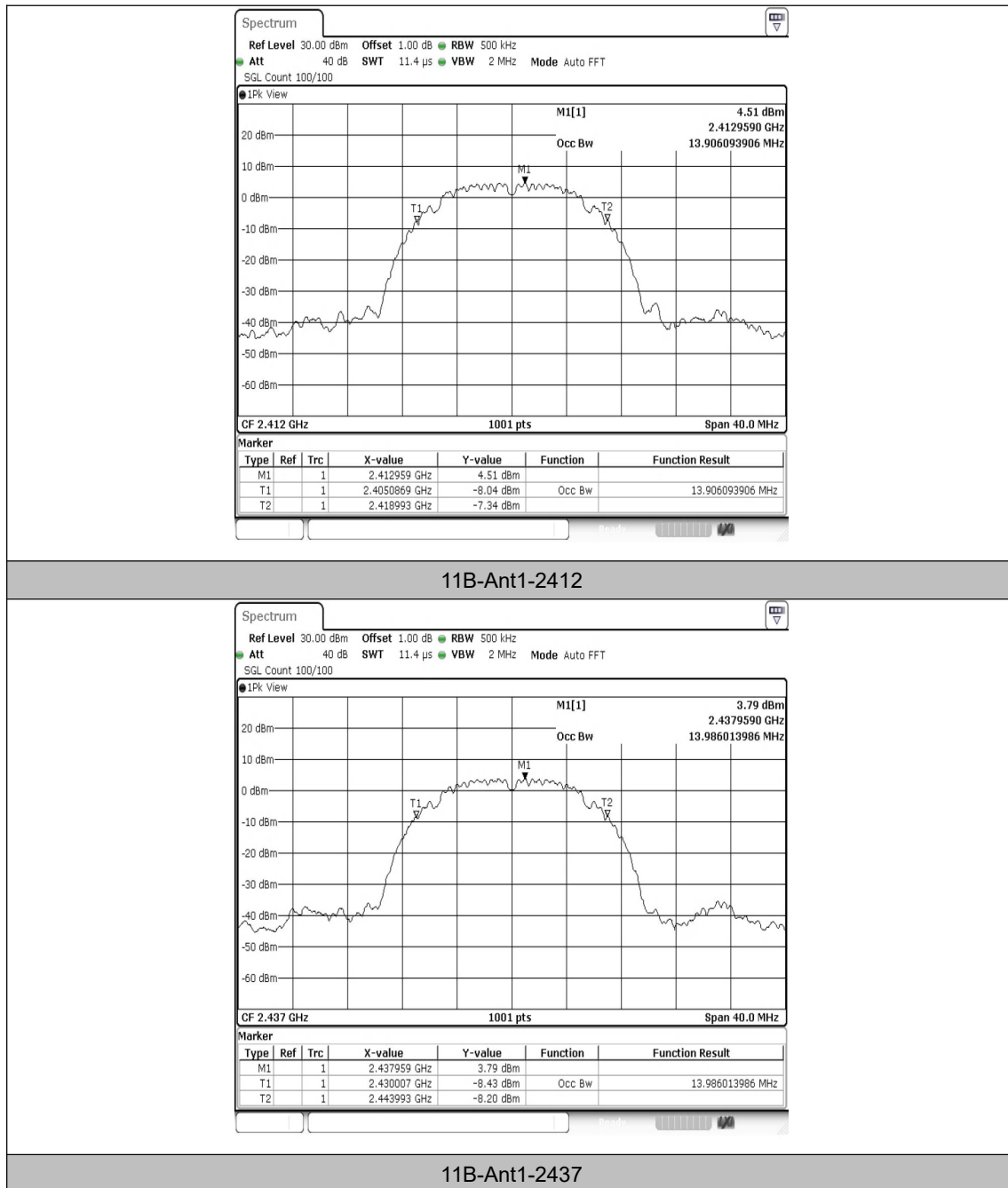
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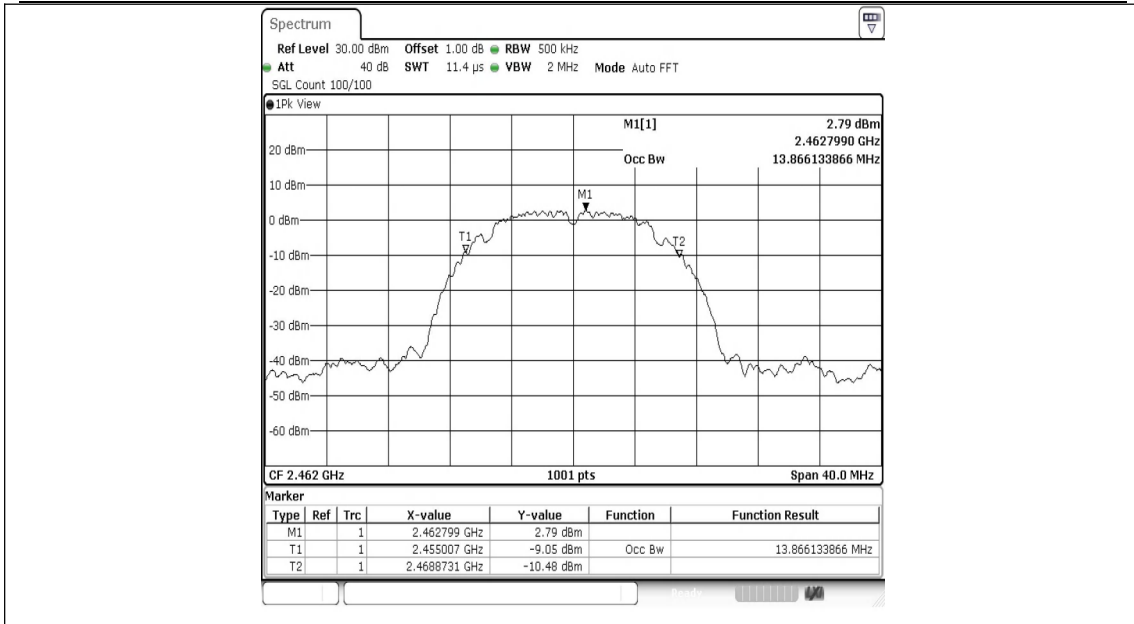
Appendix B: 99% Occupied Bandwidth

Test Result

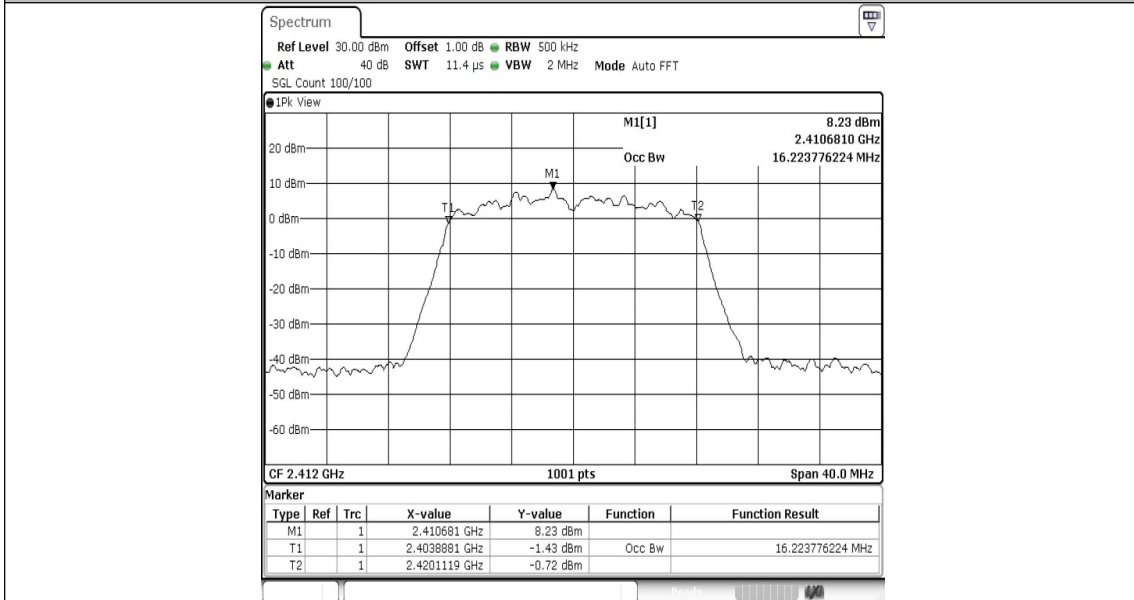
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.906	2405.0869	2418.9930	---	---
11B	Ant1	2437	13.986	2430.0070	2443.9930	---	---
11B	Ant1	2462	13.866	2455.0070	2468.8731	---	---
11G	Ant1	2412	16.224	2403.8881	2420.1119	---	---
11G	Ant1	2437	16.064	2428.9281	2444.9920	---	---
11G	Ant1	2462	16.184	2453.9680	2470.1518	---	---
11N20SISO	Ant1	2412	17.303	2403.3287	2420.6314	---	---
11N20SISO	Ant1	2437	17.343	2428.2488	2445.5914	---	---
11N20SISO	Ant1	2462	17.343	2453.3287	2470.6713	---	---
11N40SISO	Ant1	2422	35.564	2404.0180	2439.5824	---	---
11N40SISO	Ant1	2437	35.804	2418.8581	2454.6623	---	---
11N40SISO	Ant1	2452	35.724	2434.0979	2469.8222	---	---
11AX20SISO	Ant1	2412	18.541	2402.7293	2421.2707	---	---
11AX20SISO	Ant1	2437	18.581	2427.5694	2446.1508	---	---
11AX20SISO	Ant1	2462	18.581	2452.7293	2471.3107	---	---
11AX40SISO	Ant1	2422	36.923	2403.2987	2440.2218	---	---
11AX40SISO	Ant1	2437	37.562	2418.0589	2455.6214	---	---
11AX40SISO	Ant1	2452	37.243	2433.2188	2470.4615	---	---

Test Graphs

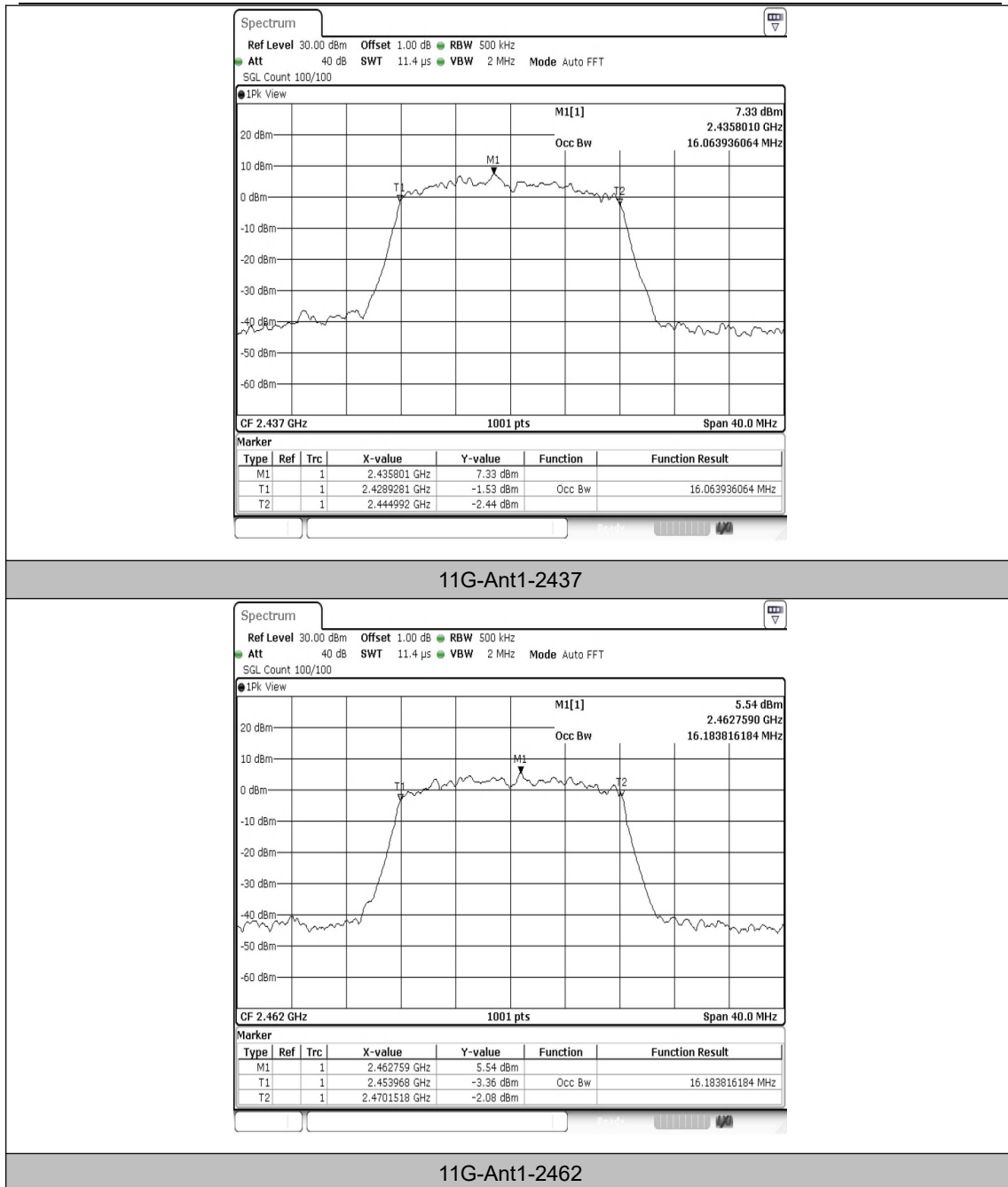


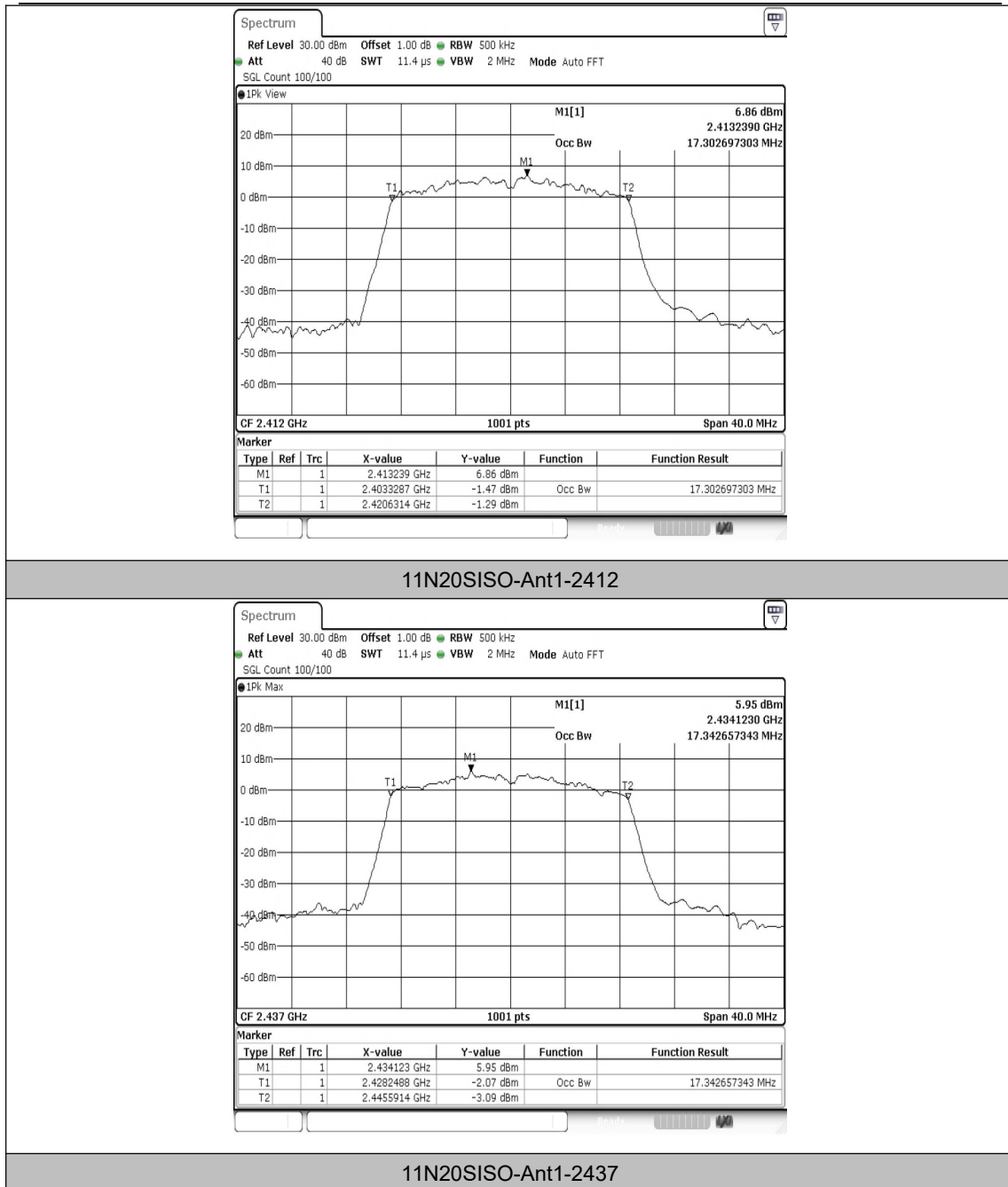


11B-Ant1-2462



11G-Ant1-2412

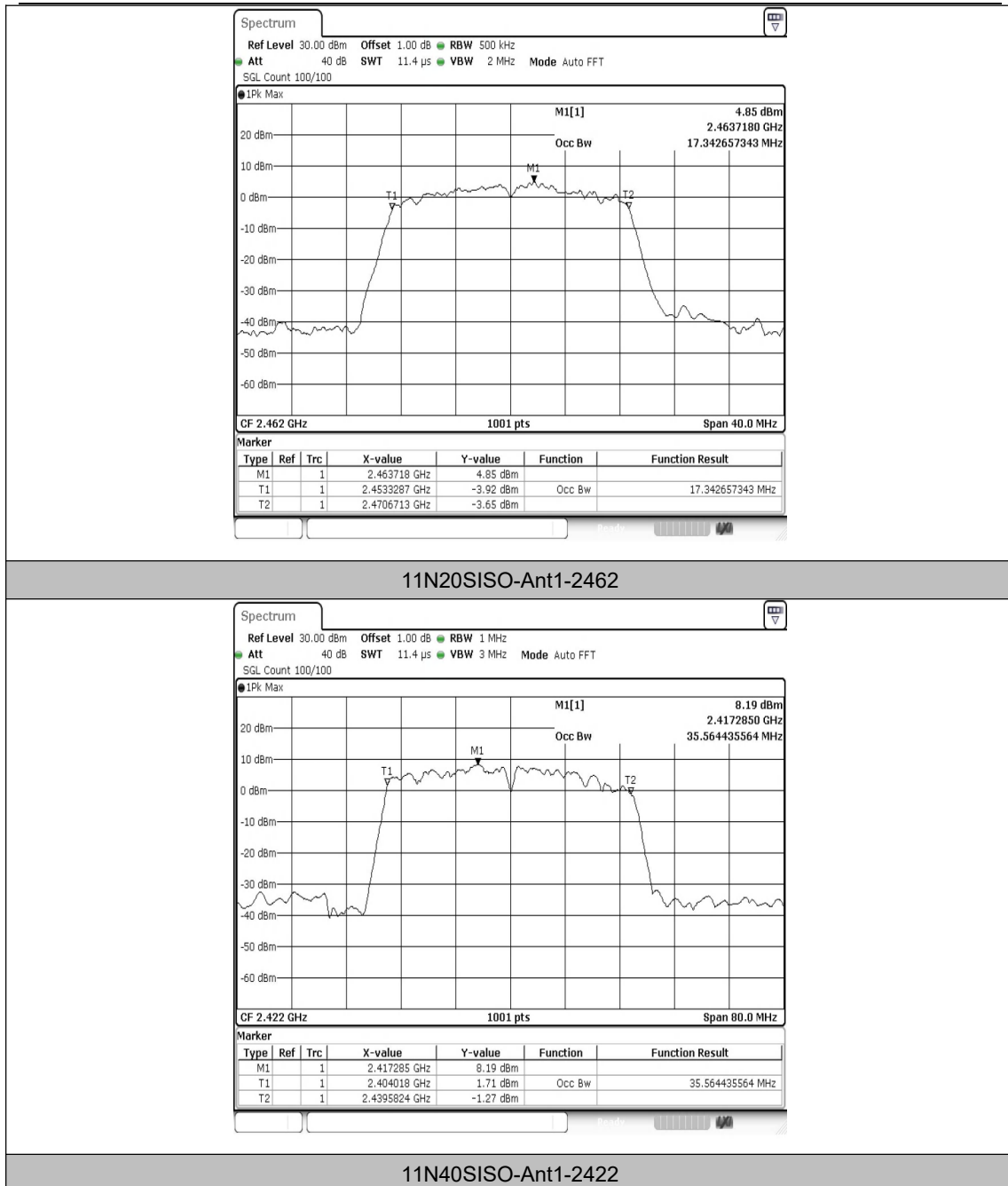




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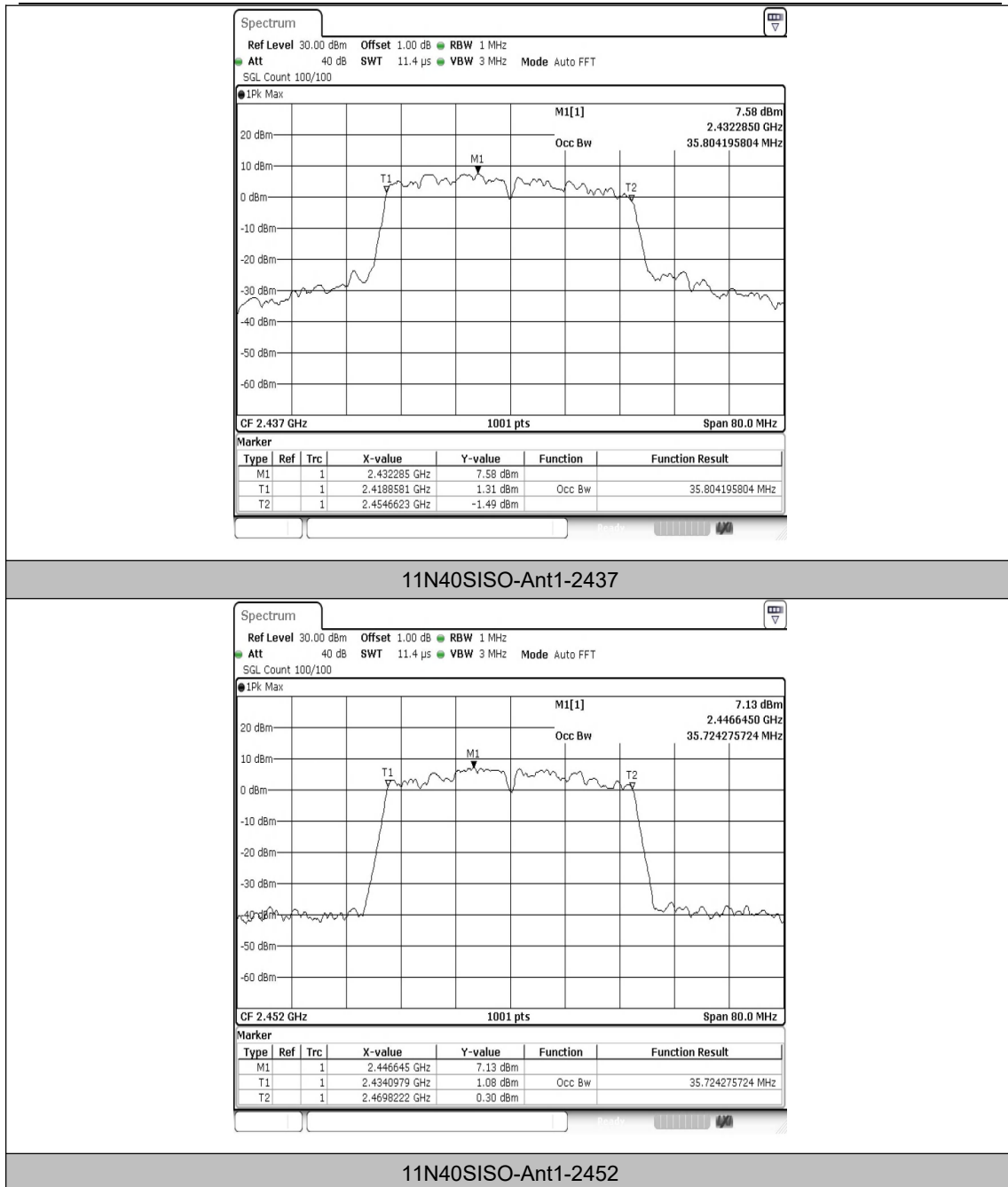
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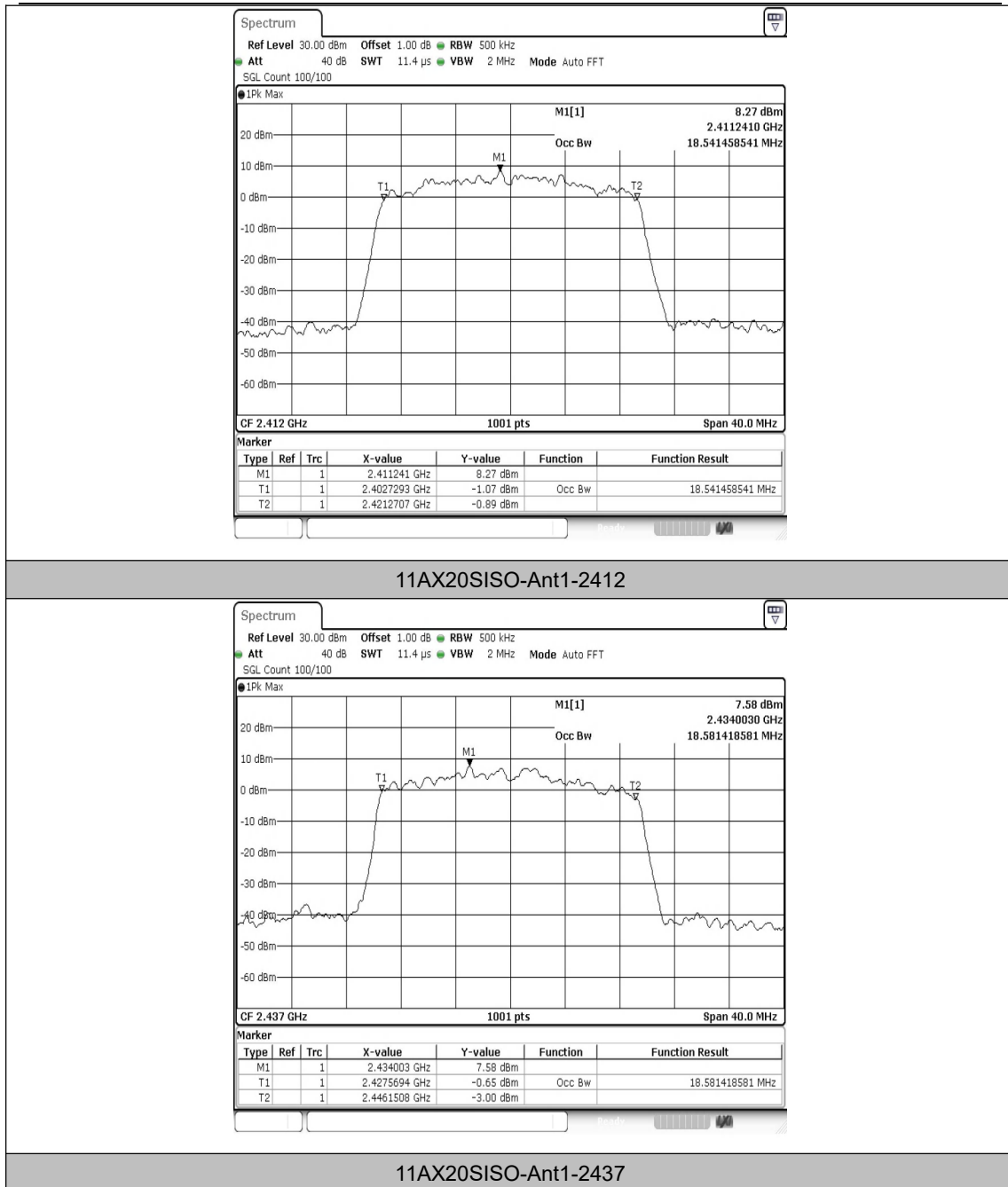


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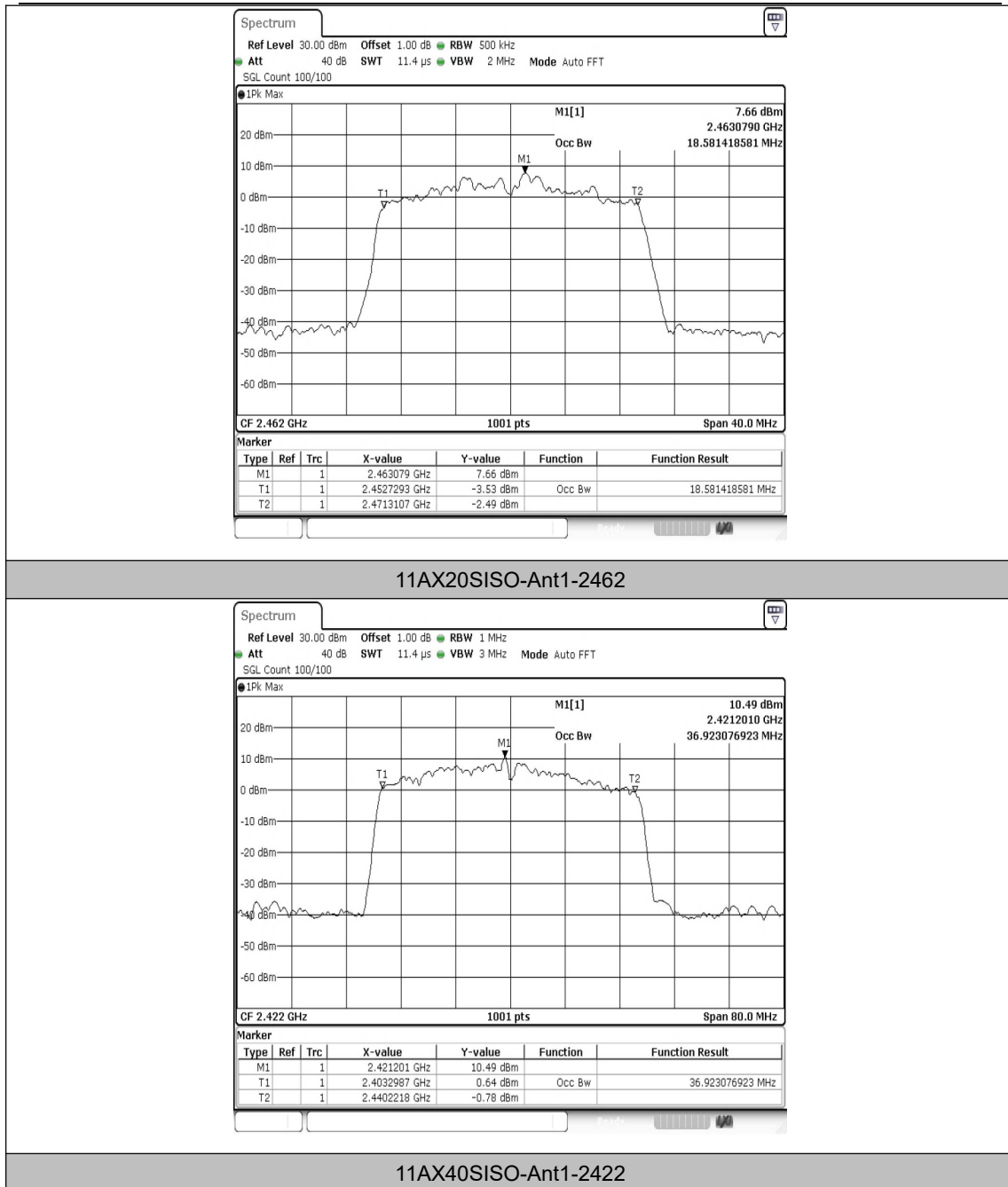




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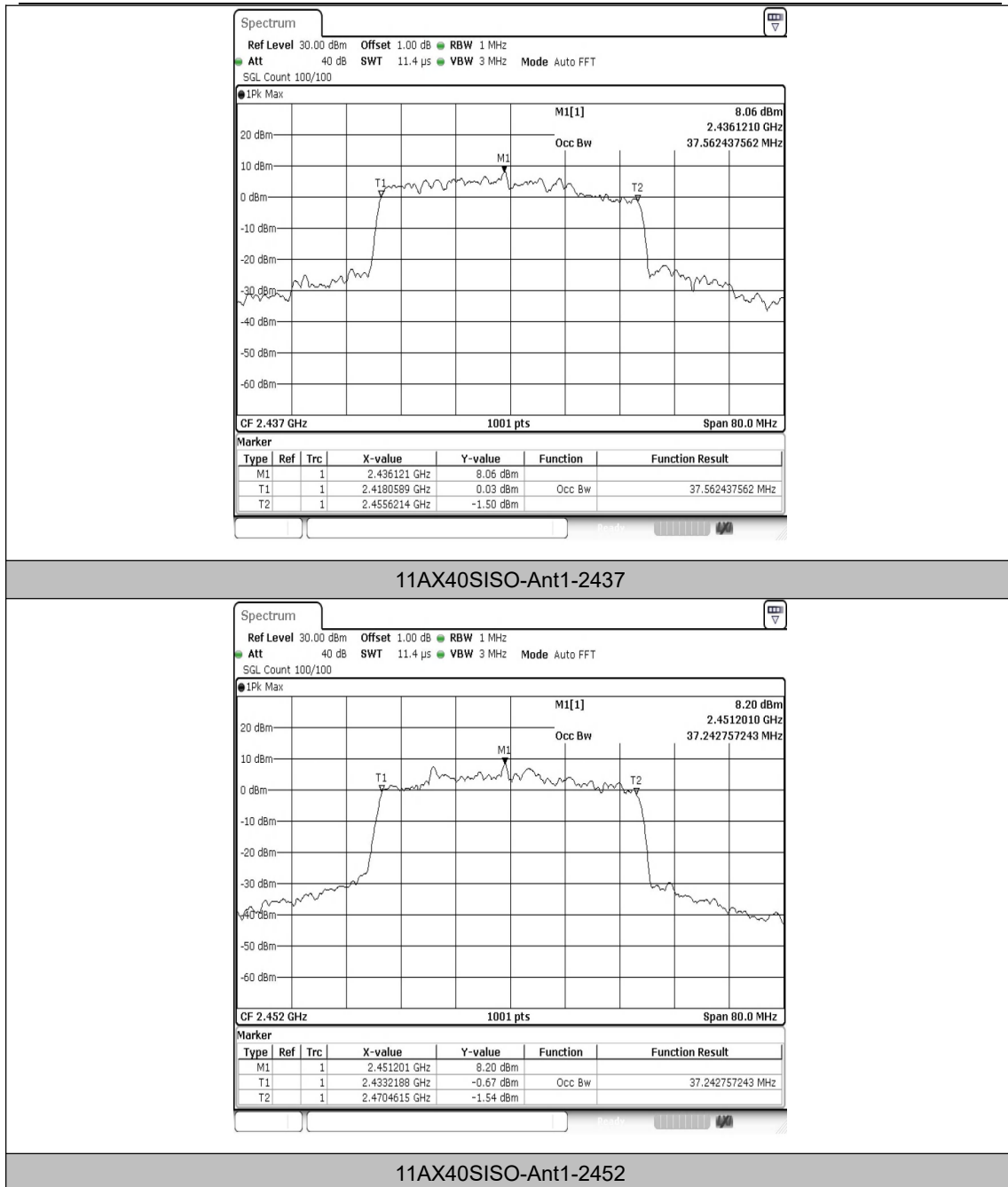
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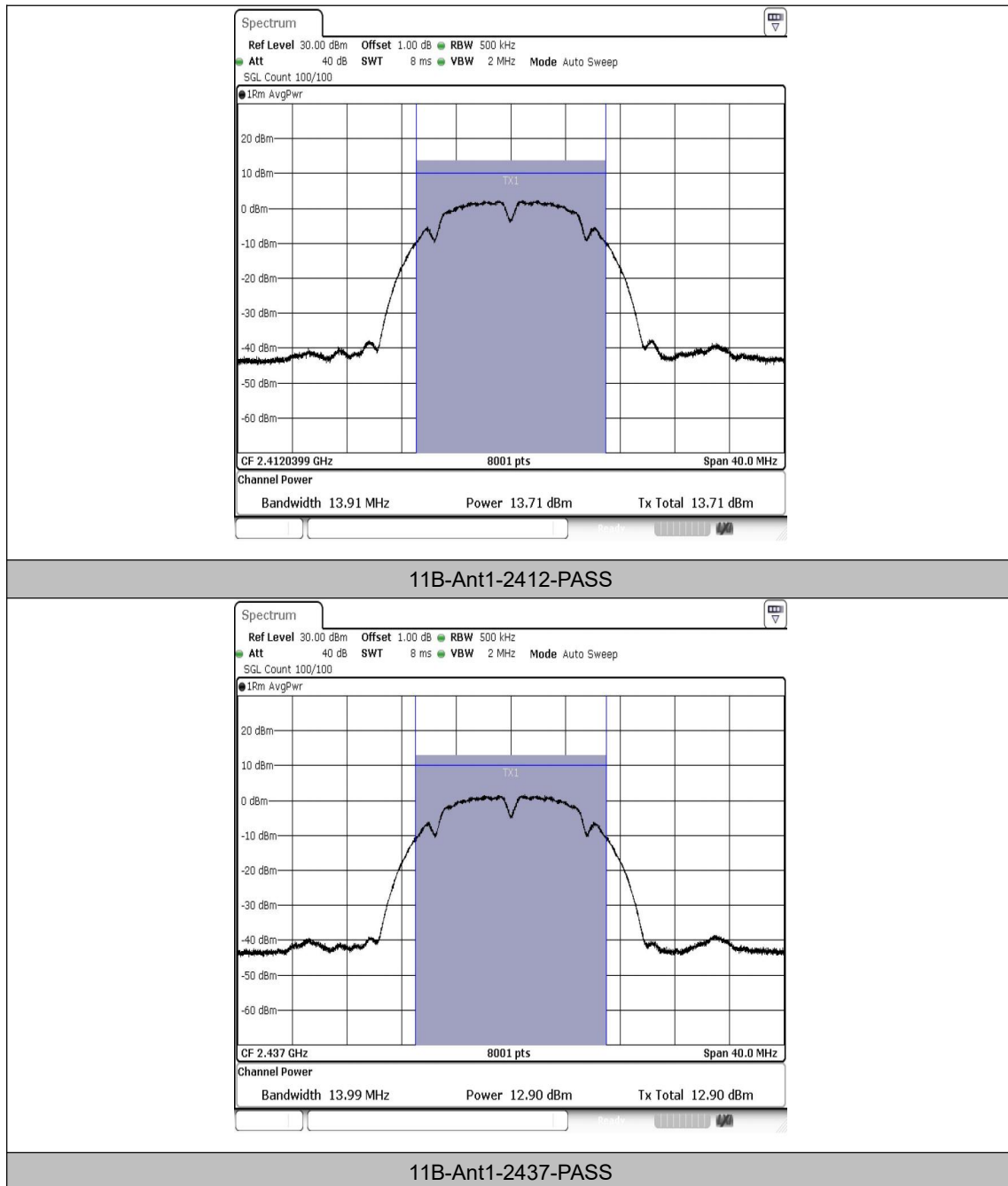
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	13.71	100.00	0.00	13.71	≤30.00	PASS
11B	Ant1	2437	NA	12.90	100.00	0.00	12.90	≤30.00	PASS
11B	Ant1	2462	NA	11.52	100.00	0.00	11.52	≤30.00	PASS
11G	Ant1	2412	NA	13.53	100.00	0.00	13.53	≤30.00	PASS
11G	Ant1	2437	NA	12.45	100.00	0.00	12.45	≤30.00	PASS
11G	Ant1	2462	NA	11.16	100.00	0.00	11.16	≤30.00	PASS
11N20SISO	Ant1	2412	NA	13.59	100.00	0.00	13.59	≤30.00	PASS
11N20SISO	Ant1	2437	NA	12.44	100.00	0.00	12.44	≤30.00	PASS
11N20SISO	Ant1	2462	NA	11.18	100.00	0.00	11.18	≤30.00	PASS
11N40SISO	Ant1	2422	NA	14.26	100.00	0.00	14.26	≤30.00	PASS
11N40SISO	Ant1	2437	NA	13.52	100.00	0.00	13.52	≤30.00	PASS
11N40SISO	Ant1	2452	NA	13.18	100.00	0.00	13.18	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	13.33	100.00	0.00	13.33	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	12.33	100.00	0.00	12.33	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	11.04	100.00	0.00	11.04	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	13.31	100.00	0.00	13.31	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	12.53	100.00	0.00	12.53	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	11.48	100.00	0.00	11.48	≤30.00	PASS

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

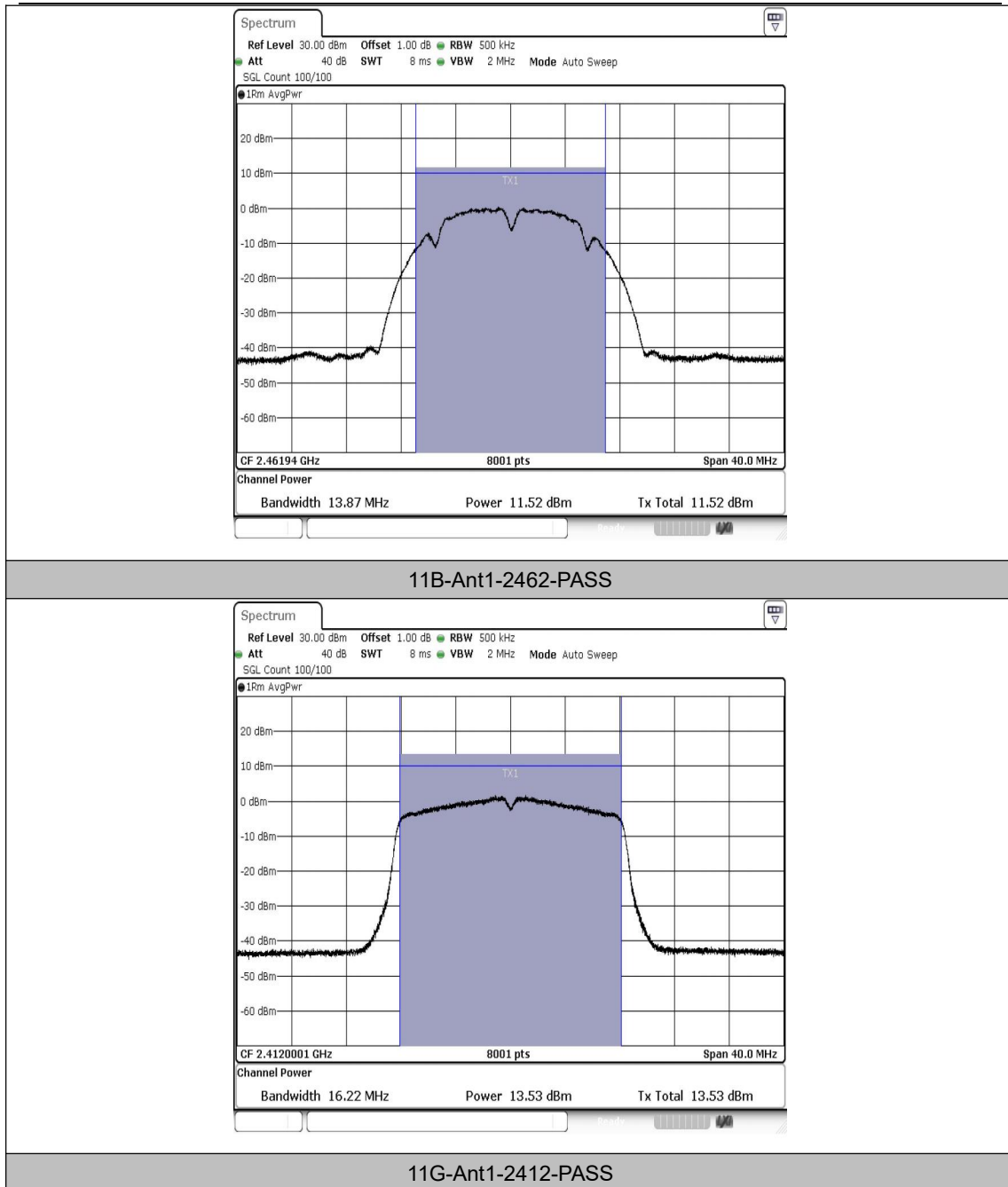
Test Graphs Average



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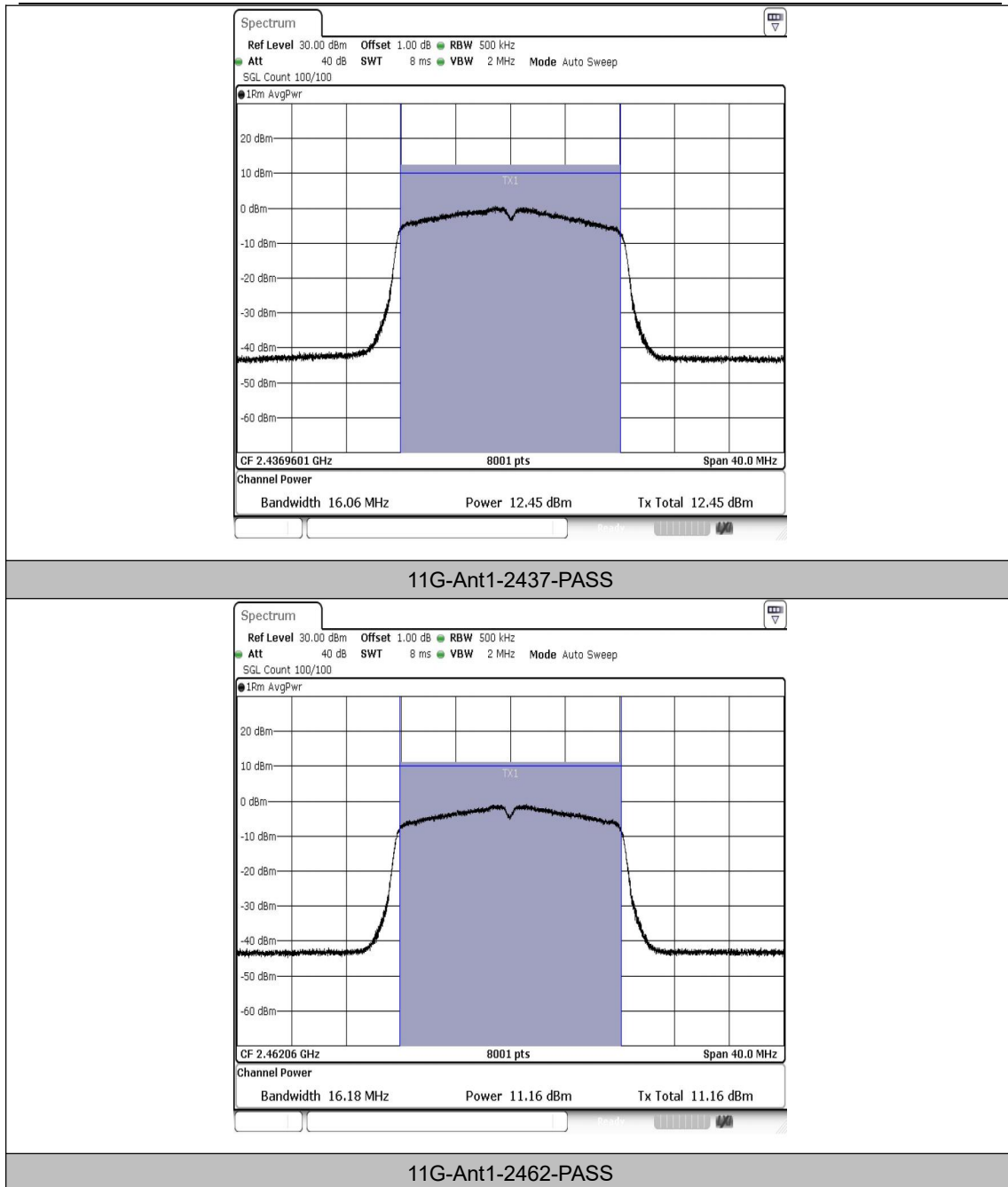
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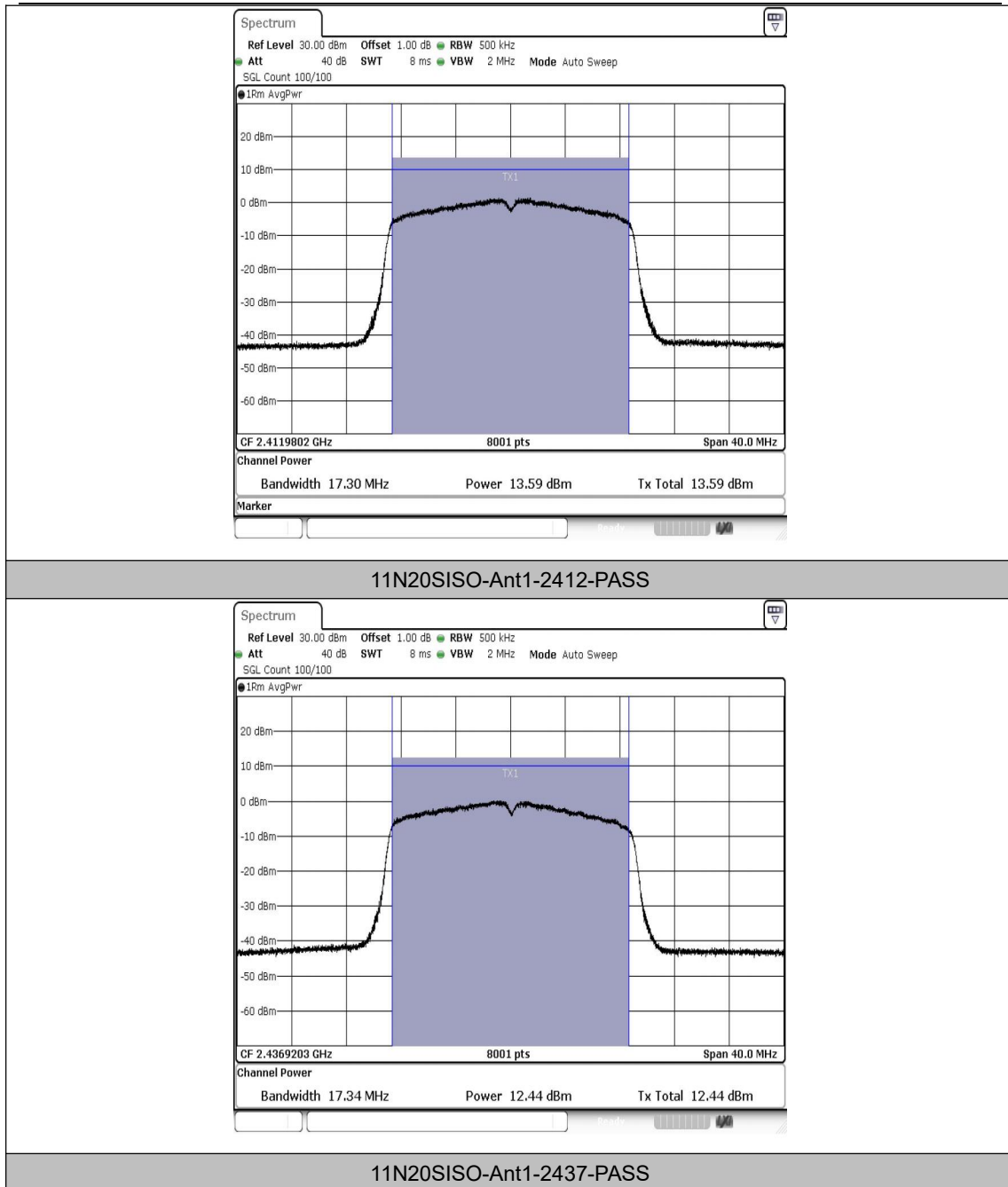
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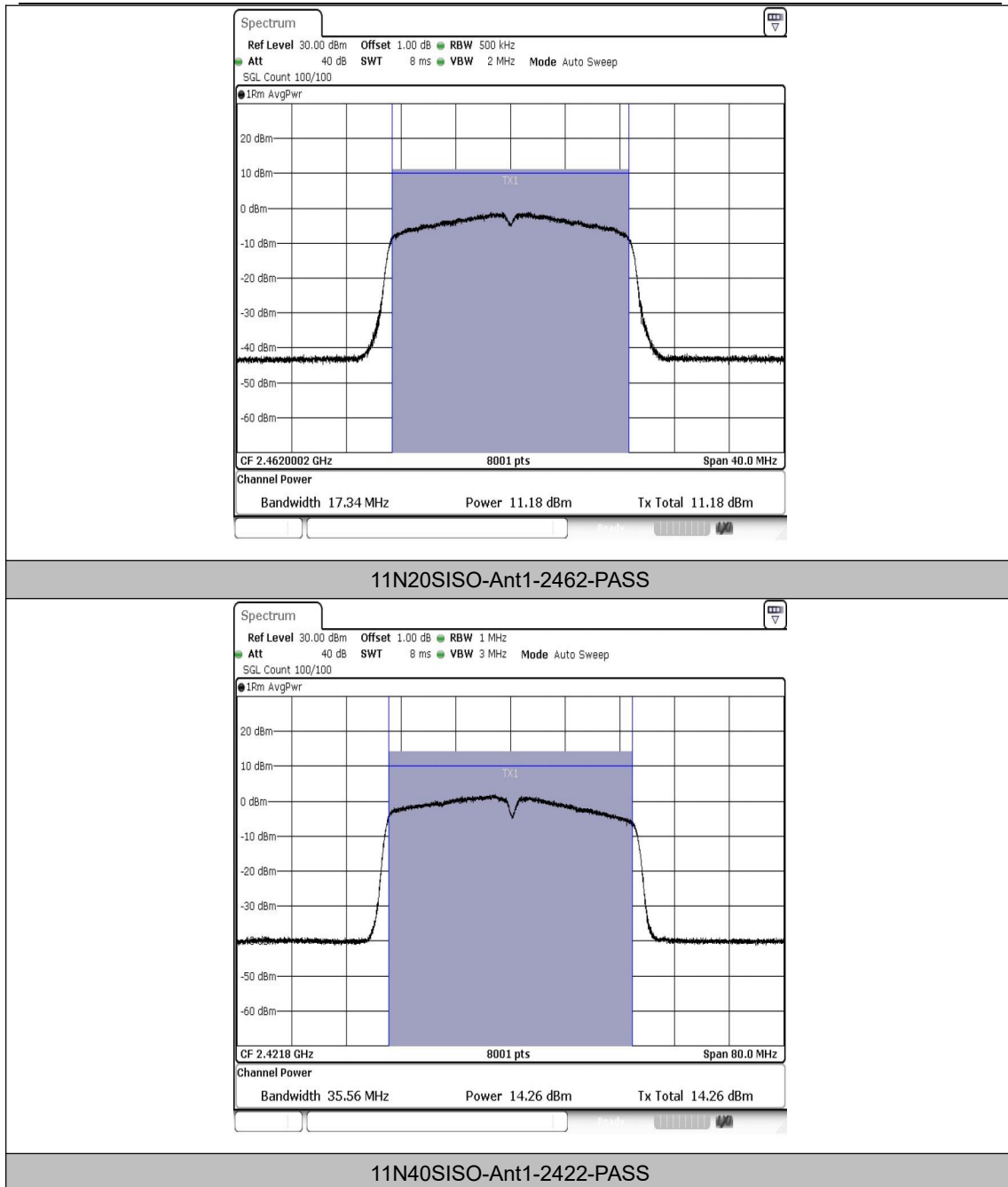
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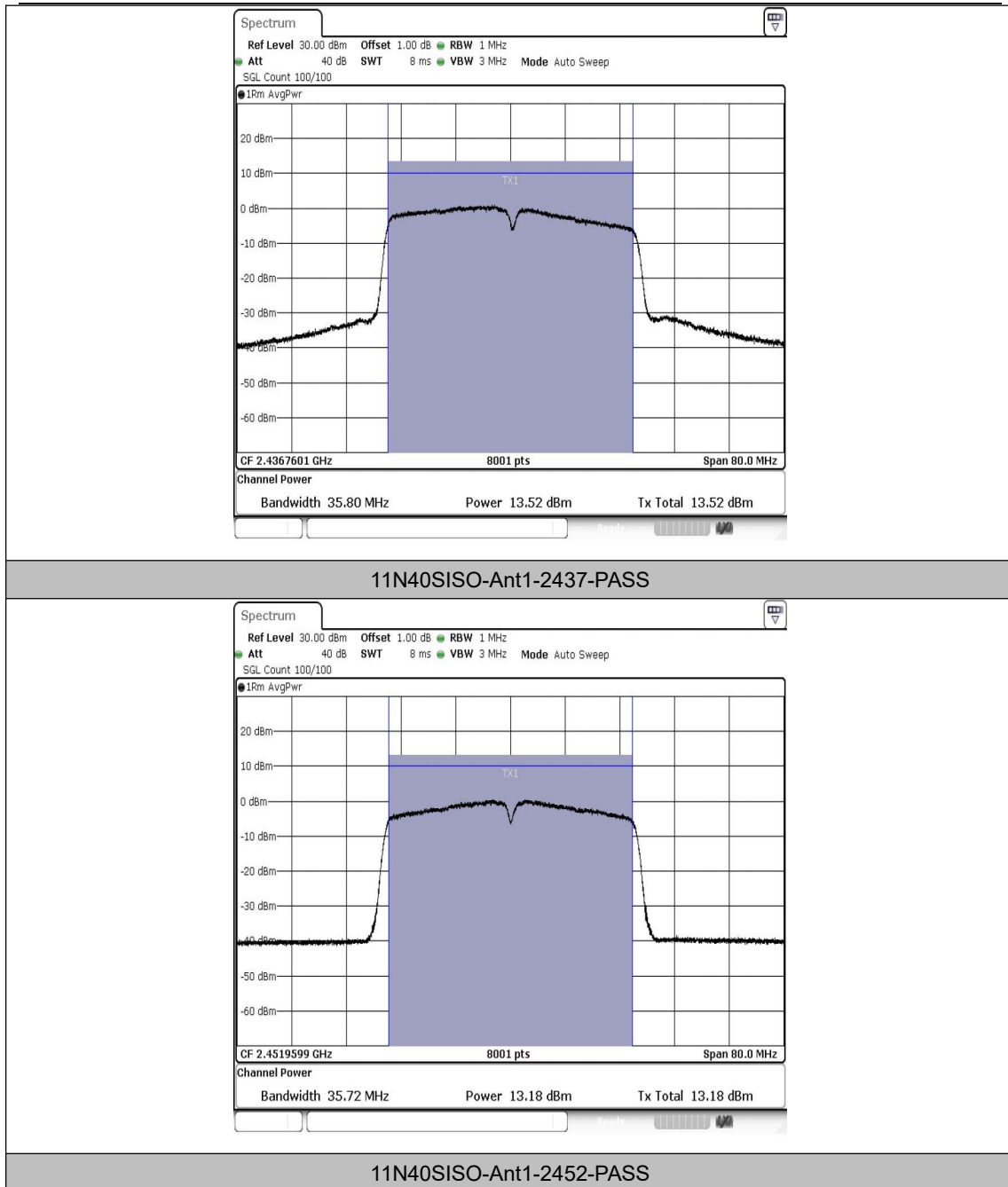
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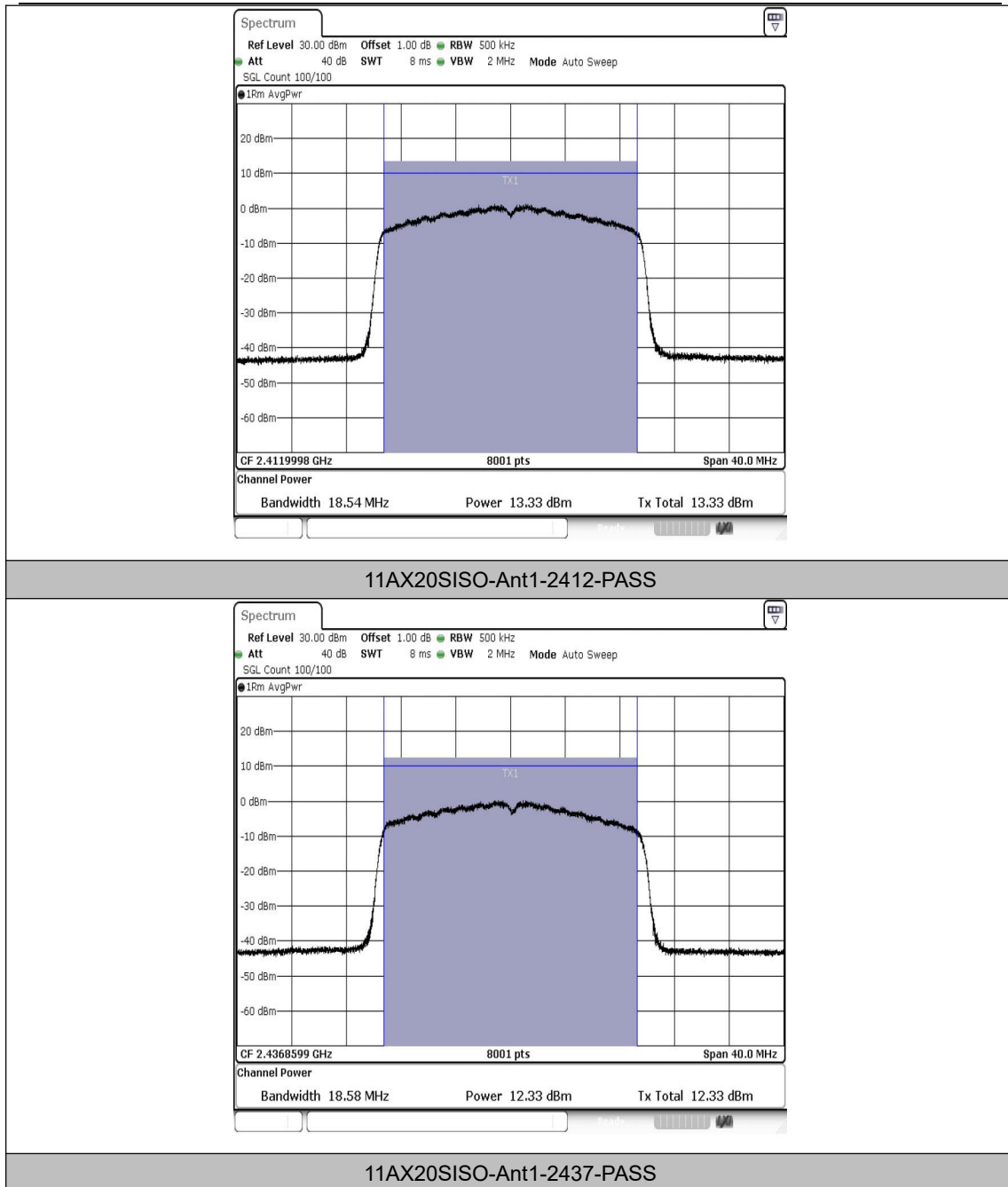
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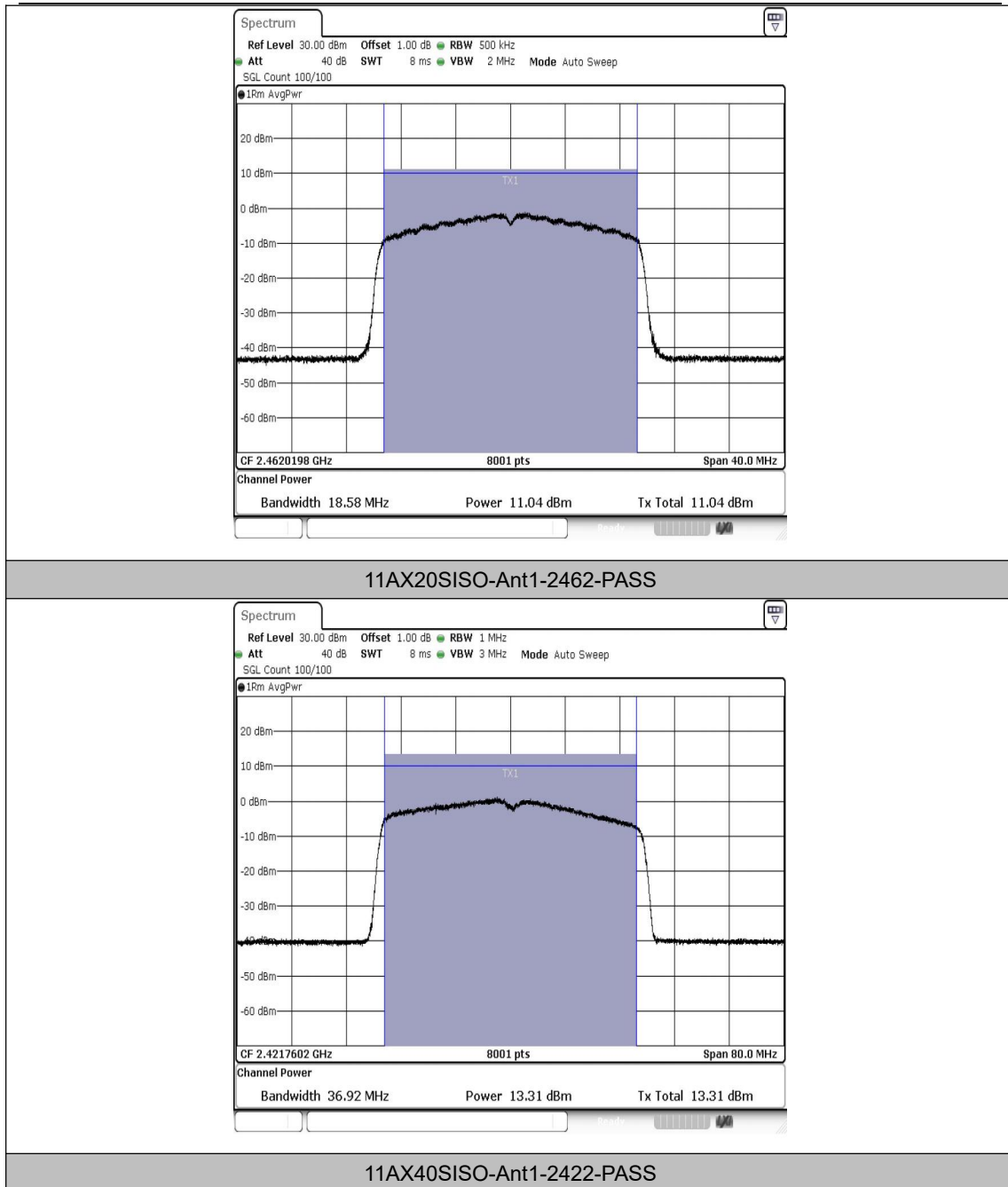
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