

Appendix Test Data

Report No.:	1812C50332112502	Test Sample No.:	1-2-2
Start Test Date:	2025-7-3	Finish Test Date:	2025--7-12
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.8°C	Relative Humidity:	51%
Pressure:	101kPa		

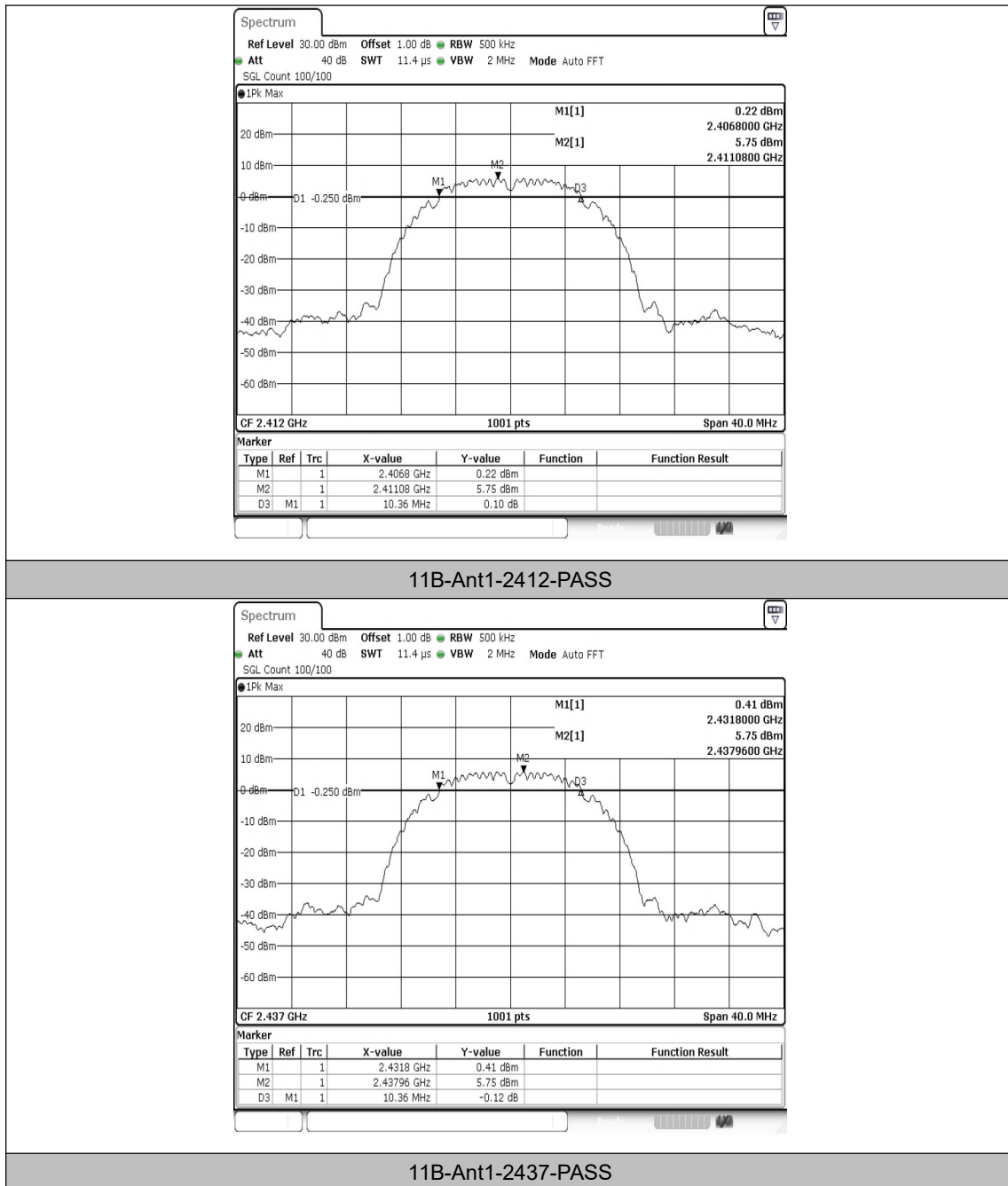
Appendix A: 6dB Bandwidth

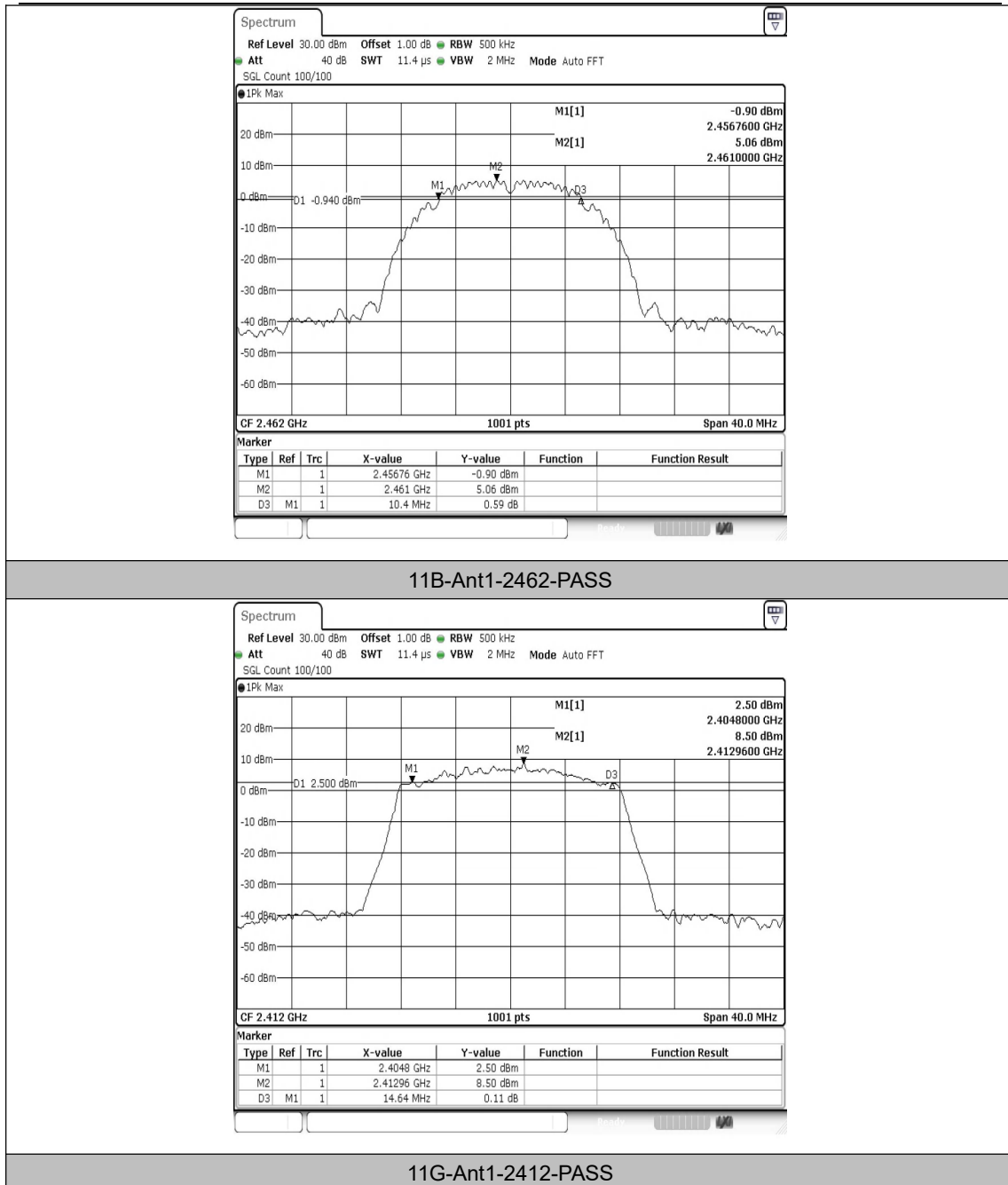
Test Result

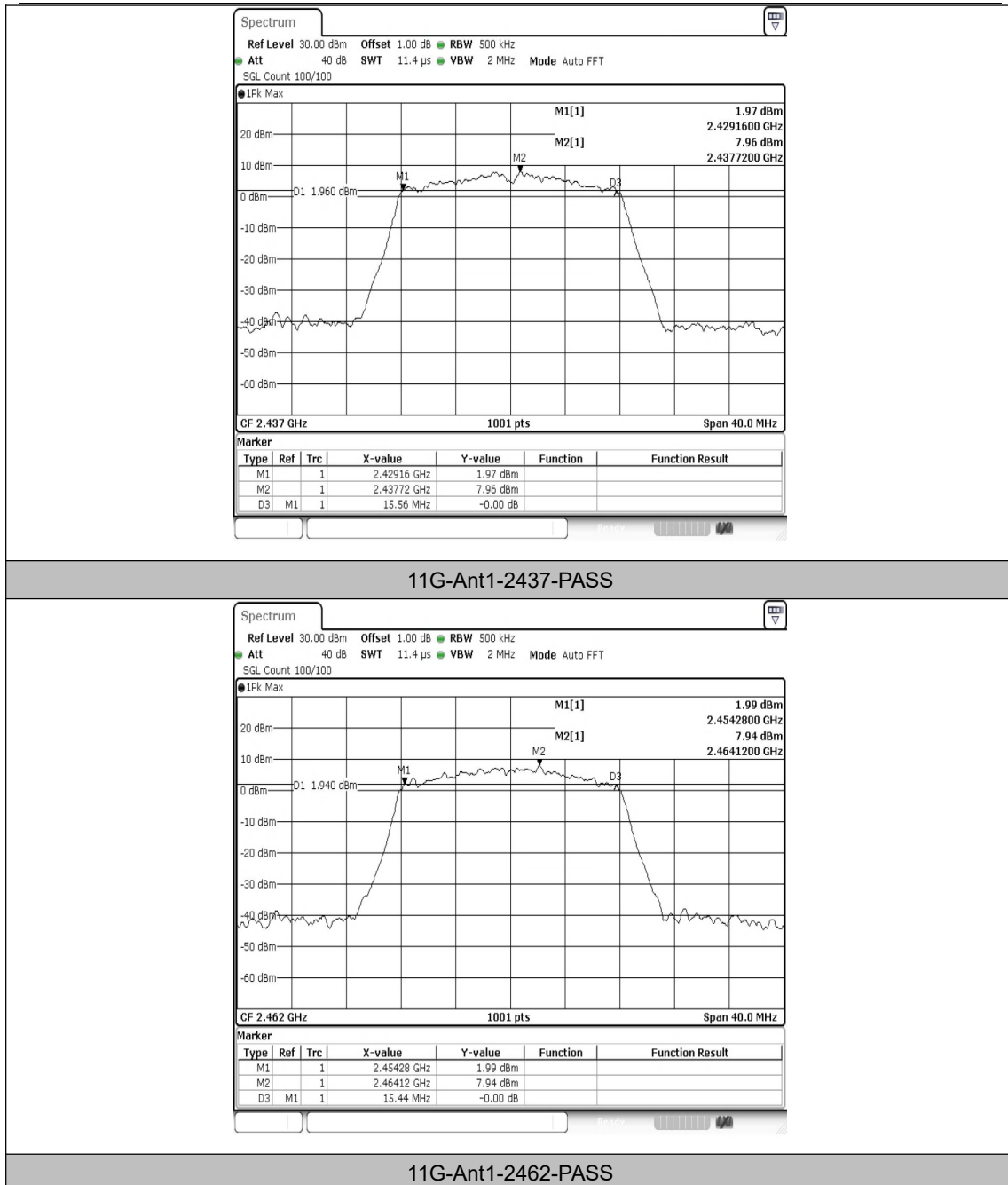
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.36	2406.80	2417.16	0.5	PASS
11B	Ant1	2437	10.36	2431.80	2442.16	0.5	PASS
11B	Ant1	2462	10.40	2456.76	2467.16	0.5	PASS
11G	Ant1	2412	14.64	2404.80	2419.44	0.5	PASS
11G	Ant1	2437	15.56	2429.16	2444.72	0.5	PASS
11G	Ant1	2462	15.44	2454.28	2469.72	0.5	PASS
11N20SISO	Ant1	2412	15.68	2404.24	2419.92	0.5	PASS
11N20SISO	Ant1	2437	15.80	2428.96	2444.76	0.5	PASS
11N20SISO	Ant1	2462	16.52	2453.60	2470.12	0.5	PASS
11N40SISO	Ant1	2422	35.04	2404.56	2439.60	0.5	PASS
11N40SISO	Ant1	2437	34.88	2419.24	2454.12	0.5	PASS
11N40SISO	Ant1	2452	35.04	2434.40	2469.44	0.5	PASS
11AX20SISO	Ant1	2412	13.80	2404.28	2418.08	0.5	PASS
11AX20SISO	Ant1	2437	9.24	2431.80	2441.04	0.5	PASS
11AX20SISO	Ant1	2462	15.12	2454.20	2469.32	0.5	PASS
11AX40SISO	Ant1	2422	33.84	2403.84	2437.68	0.5	PASS
11AX40SISO	Ant1	2437	21.36	2424.28	2445.64	0.5	PASS
11AX40SISO	Ant1	2452	31.44	2436.80	2468.24	0.5	PASS



Test Graphs



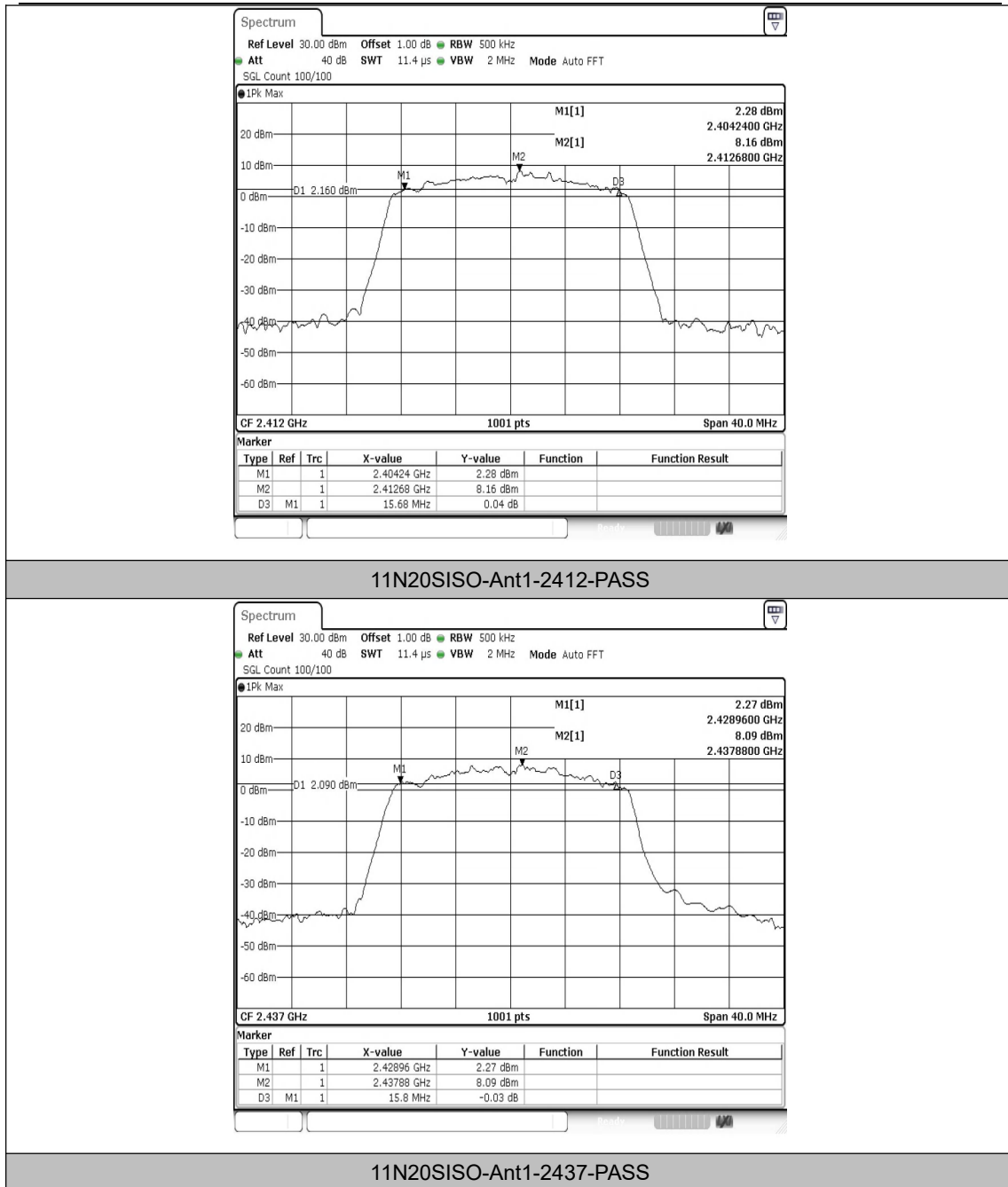


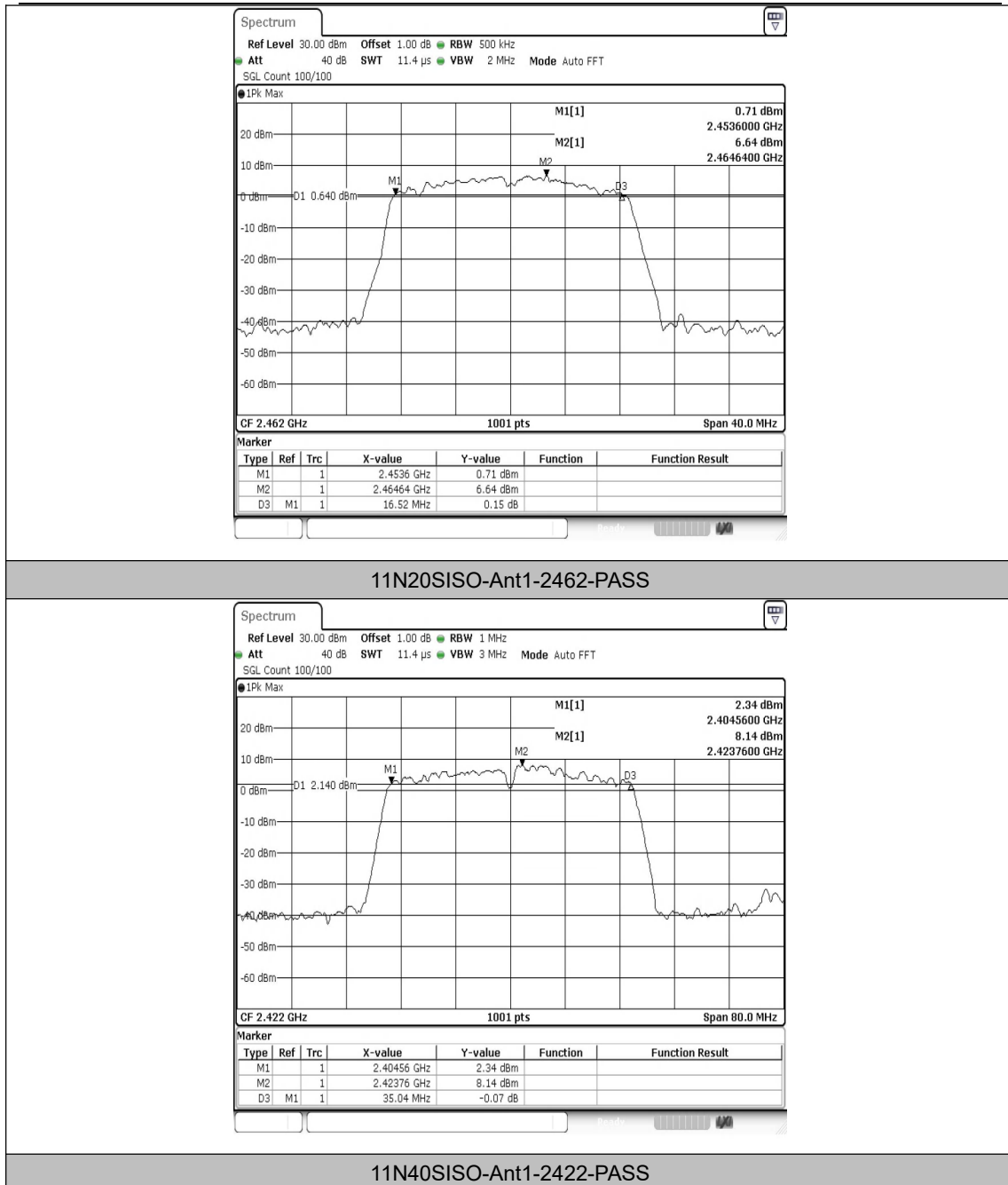


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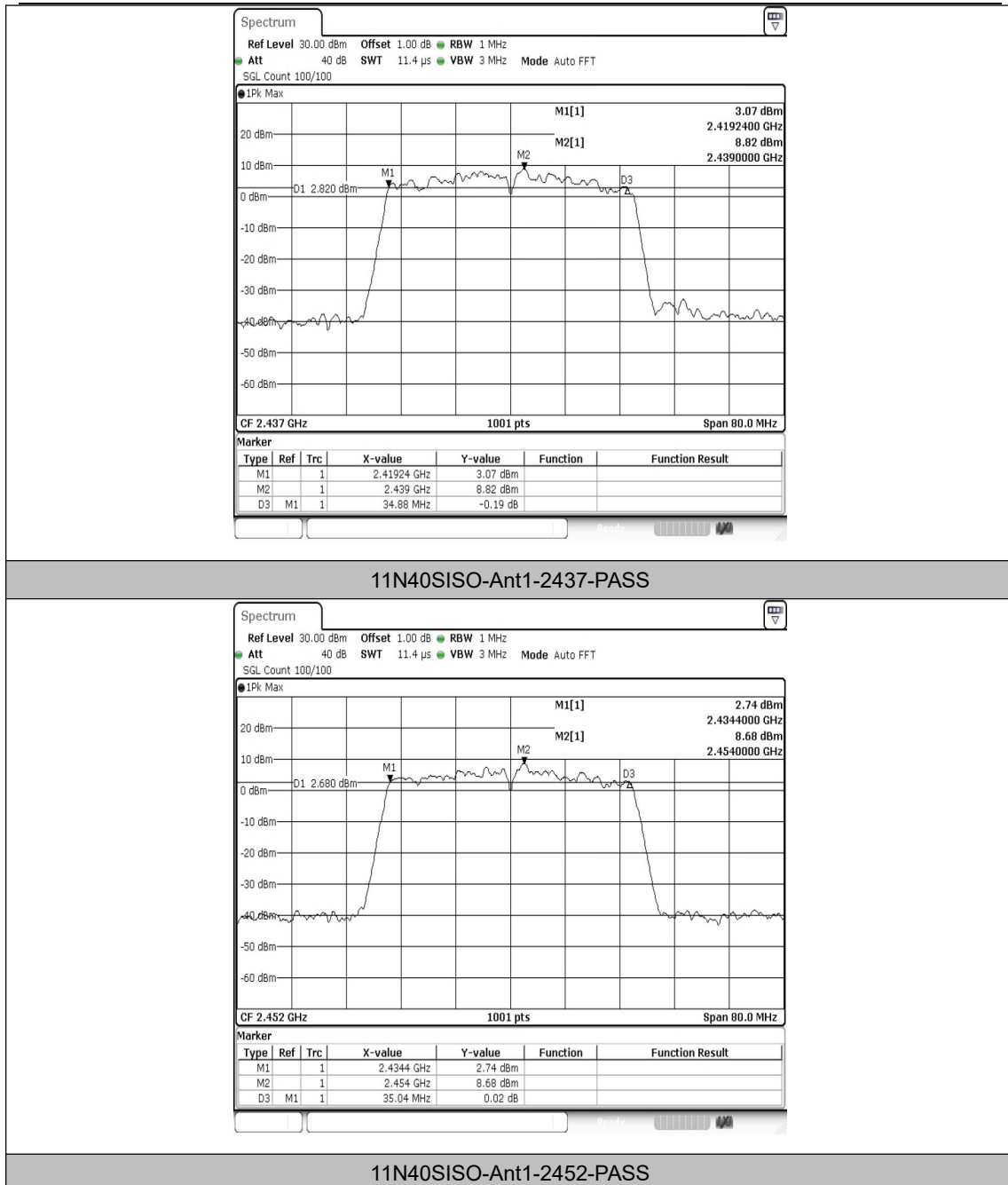


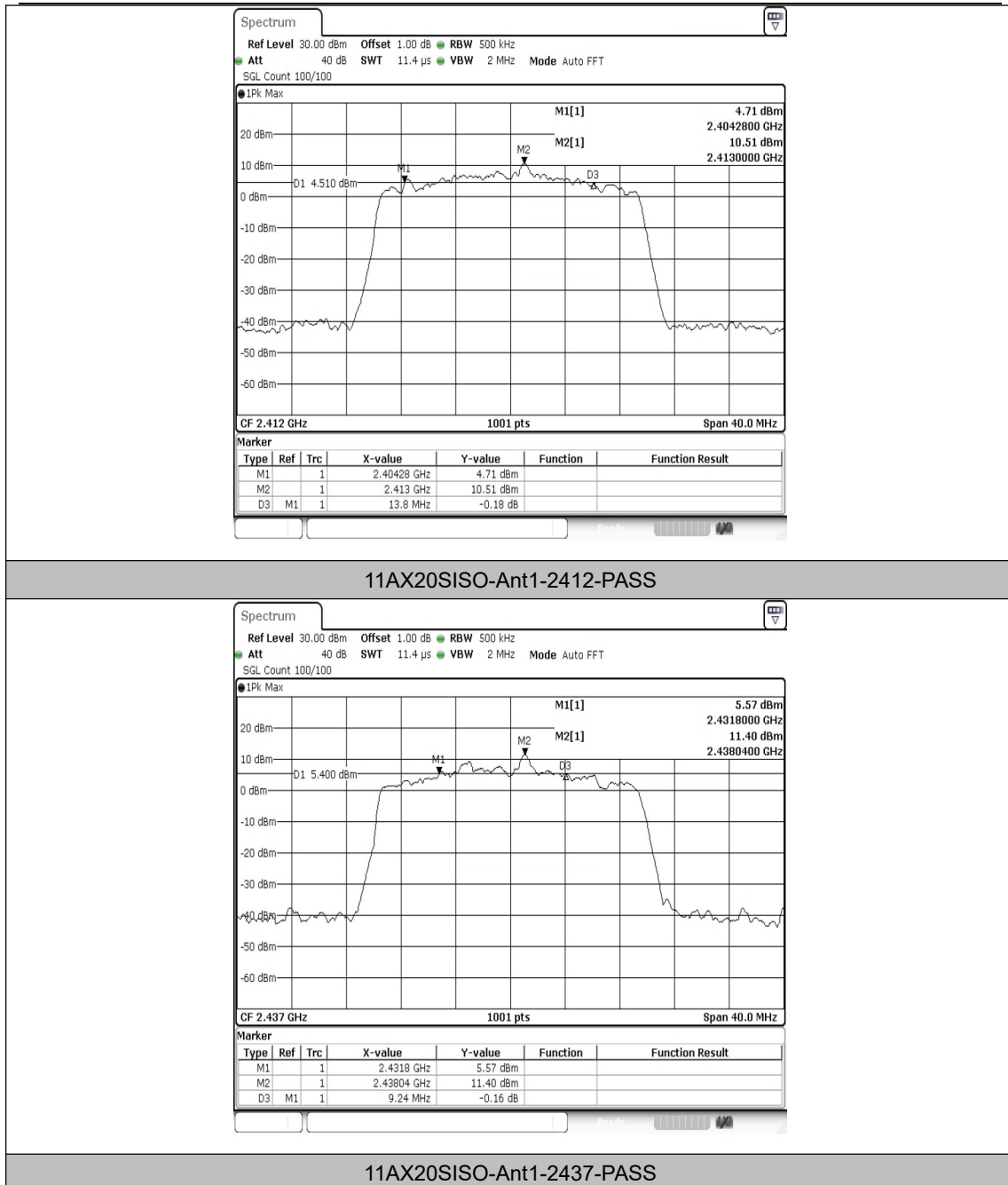


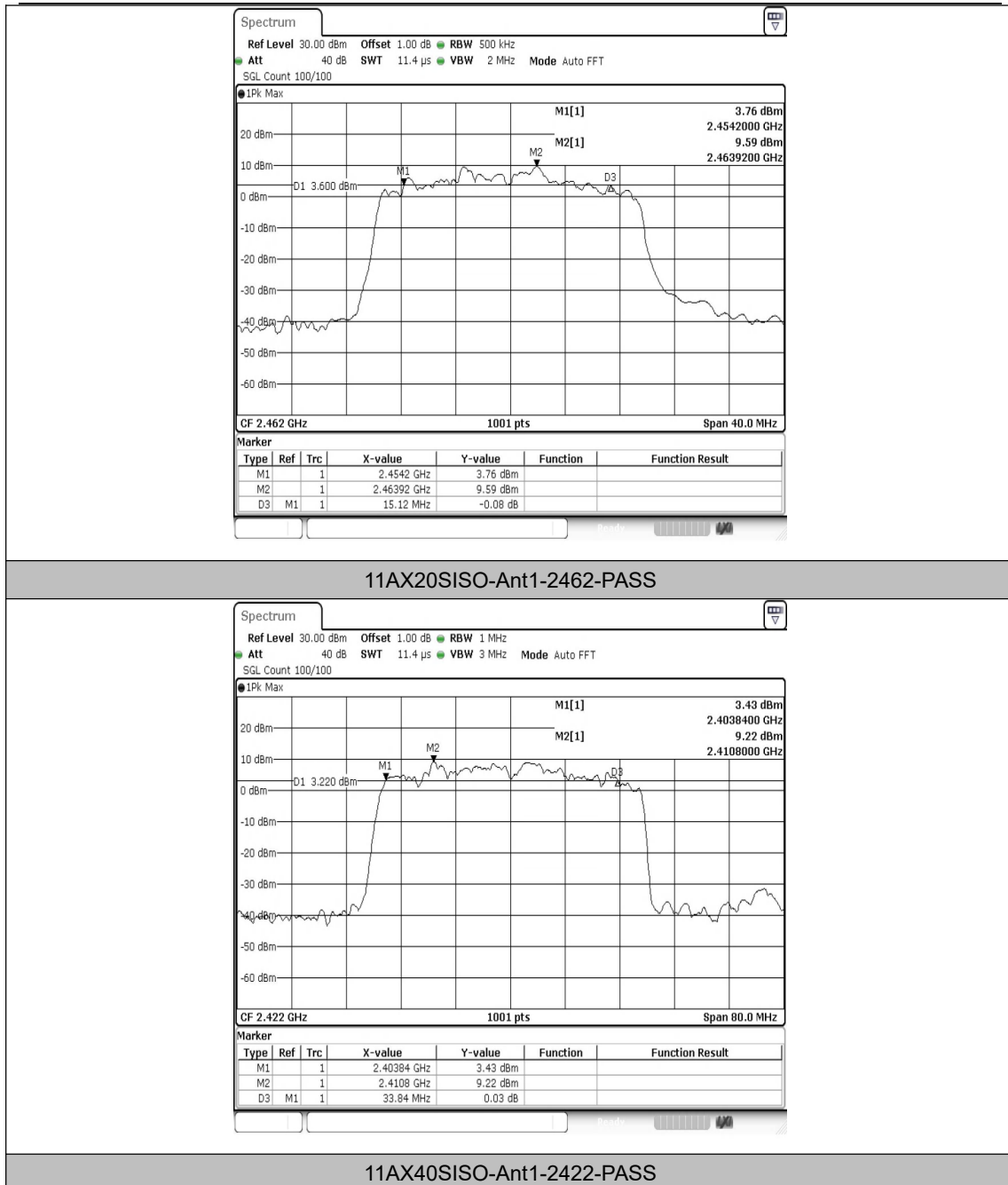
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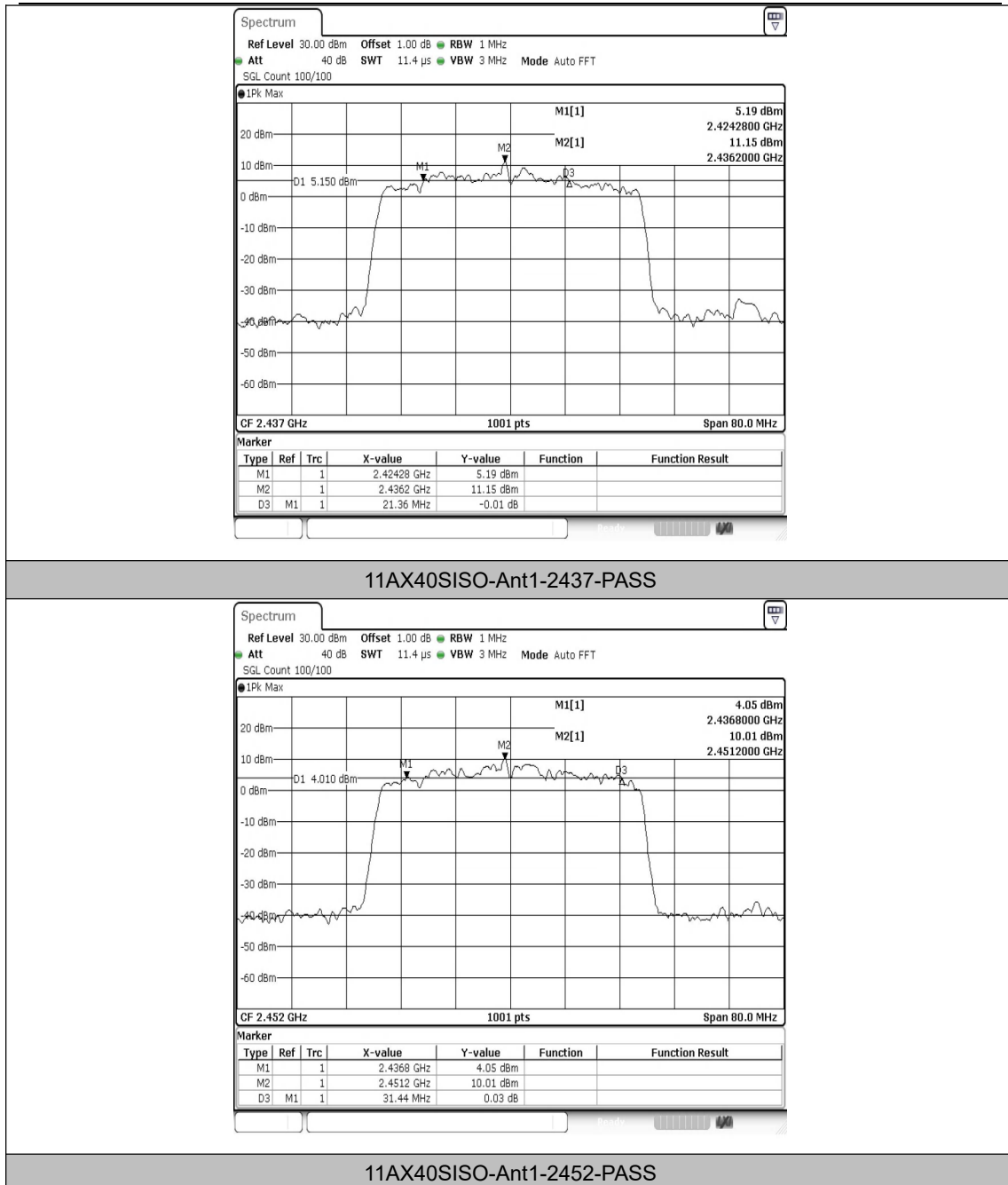
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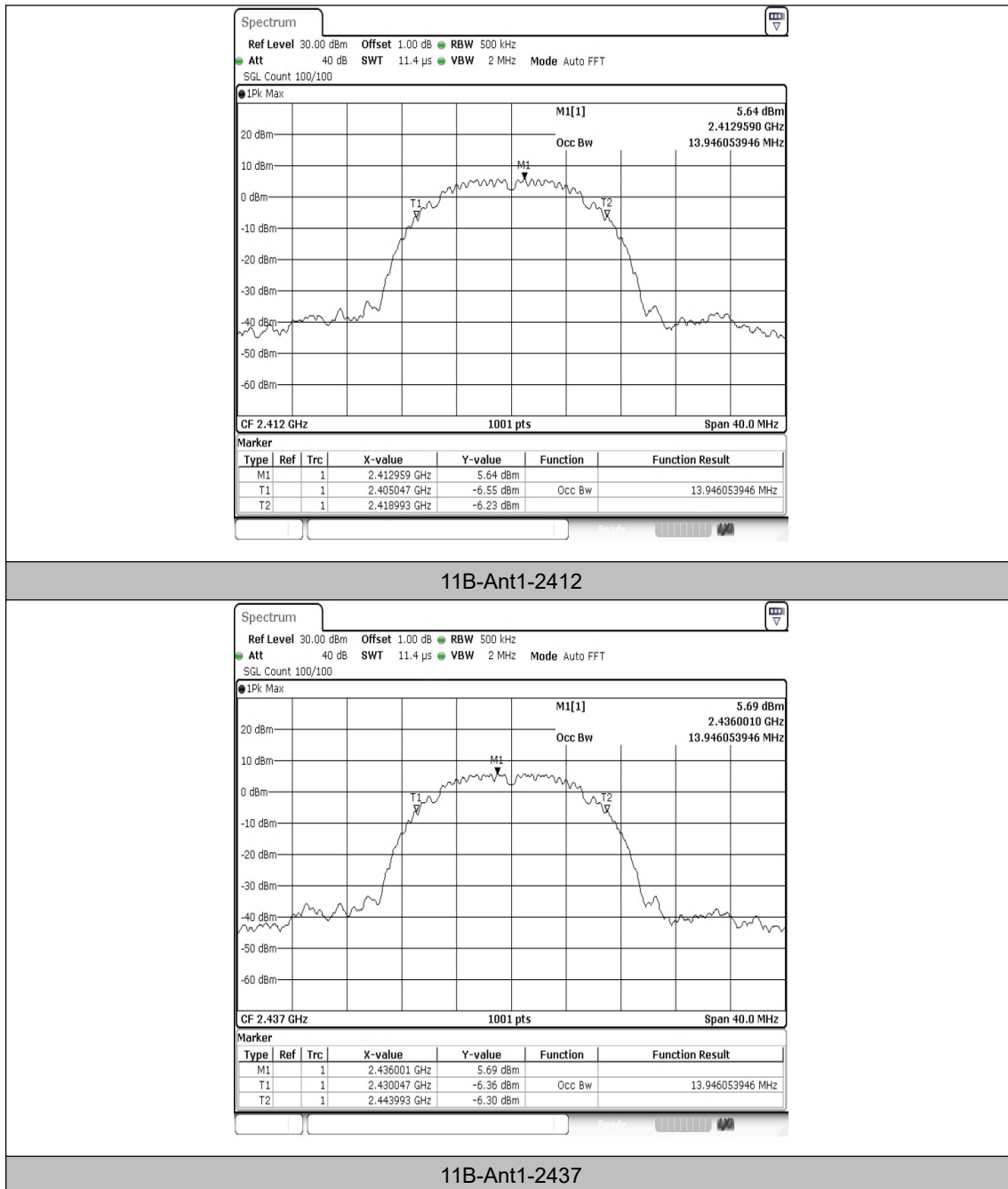
Appendix B: 99% Occupied Bandwidth

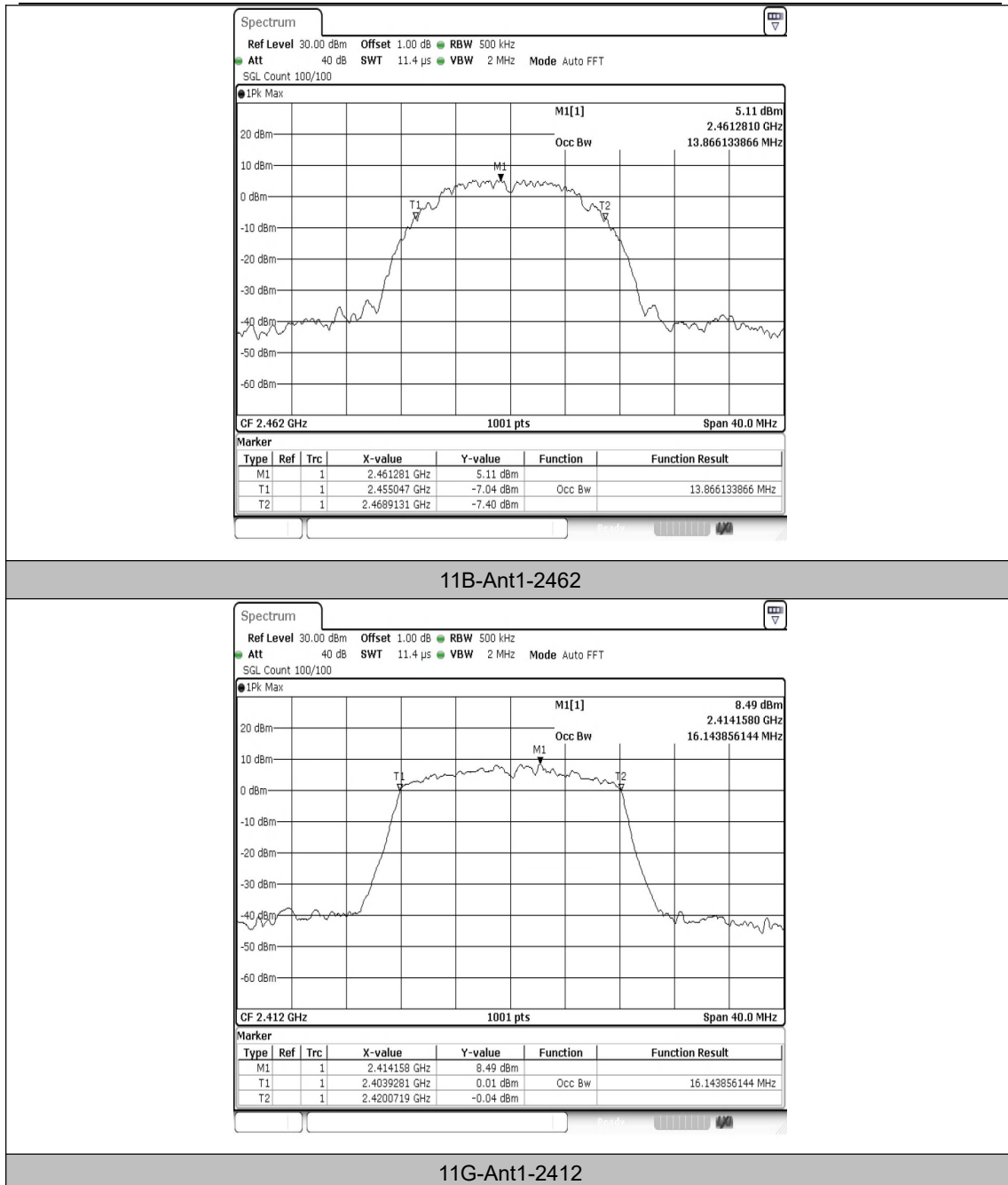
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.946	2405.0470	2418.9930	---	---
11B	Ant1	2437	13.946	2430.0470	2443.9930	---	---
11B	Ant1	2462	13.866	2455.0470	2468.9131	---	---
11G	Ant1	2412	16.144	2403.9281	2420.0719	---	---
11G	Ant1	2437	16.104	2428.8881	2444.9920	---	---
11G	Ant1	2462	16.184	2453.8881	2470.0719	---	---
11N20SISO	Ant1	2412	17.223	2403.3686	2420.5914	---	---
11N20SISO	Ant1	2437	17.303	2428.3287	2445.6314	---	---
11N20SISO	Ant1	2462	17.343	2453.3287	2470.6713	---	---
11N40SISO	Ant1	2422	35.724	2404.0979	2439.8222	---	---
11N40SISO	Ant1	2437	35.884	2419.0180	2454.9021	---	---
11N40SISO	Ant1	2452	35.724	2434.0979	2469.8222	---	---
11AX20SISO	Ant1	2412	18.621	2402.6094	2421.2308	---	---
11AX20SISO	Ant1	2437	18.661	2427.6094	2446.2707	---	---
11AX20SISO	Ant1	2462	18.661	2452.5694	2471.2308	---	---
11AX40SISO	Ant1	2422	37.243	2403.2987	2440.5415	---	---
11AX40SISO	Ant1	2437	37.243	2418.3786	2455.6214	---	---
11AX40SISO	Ant1	2452	37.323	2433.3786	2470.7013	---	---



Test Graphs

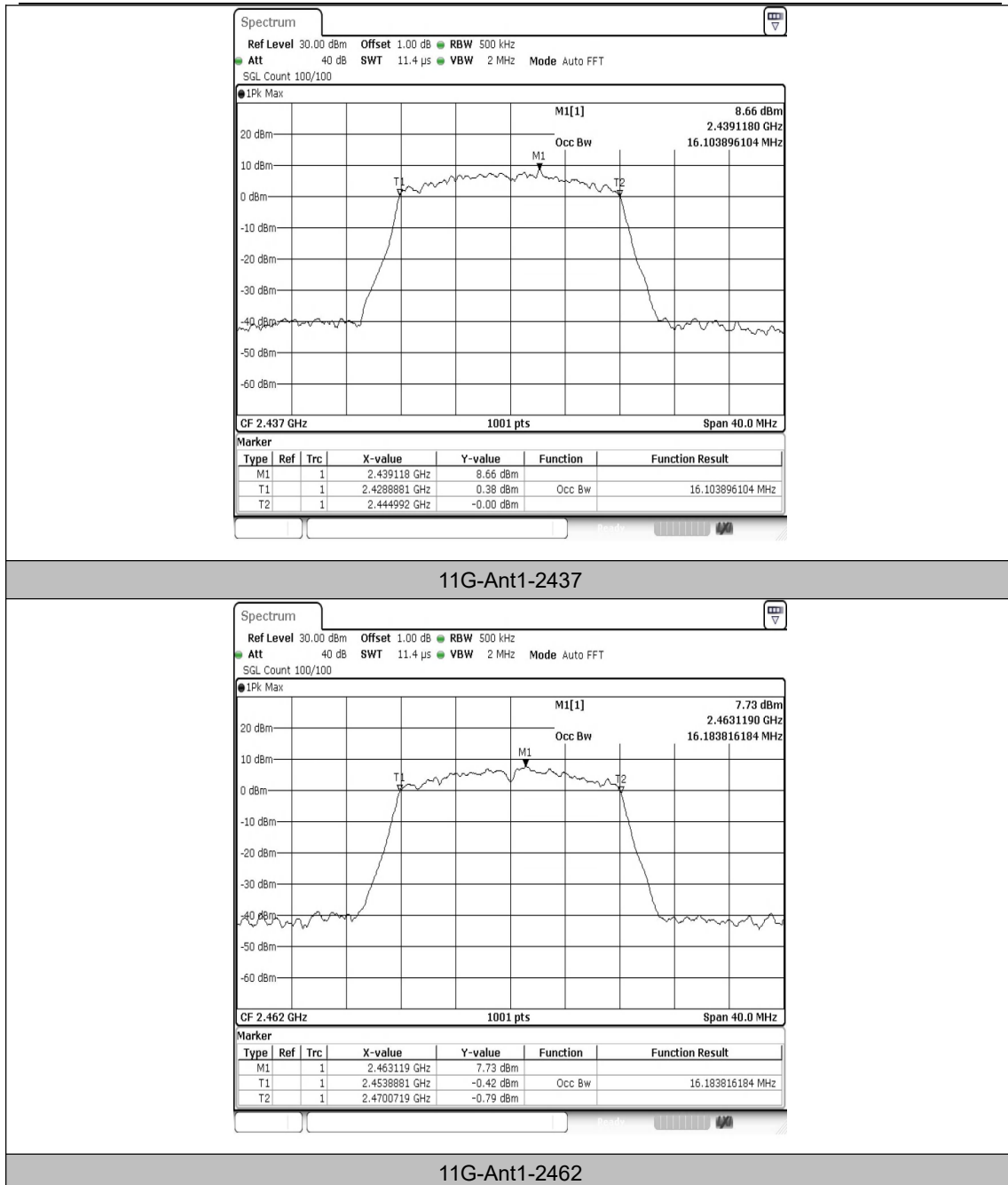


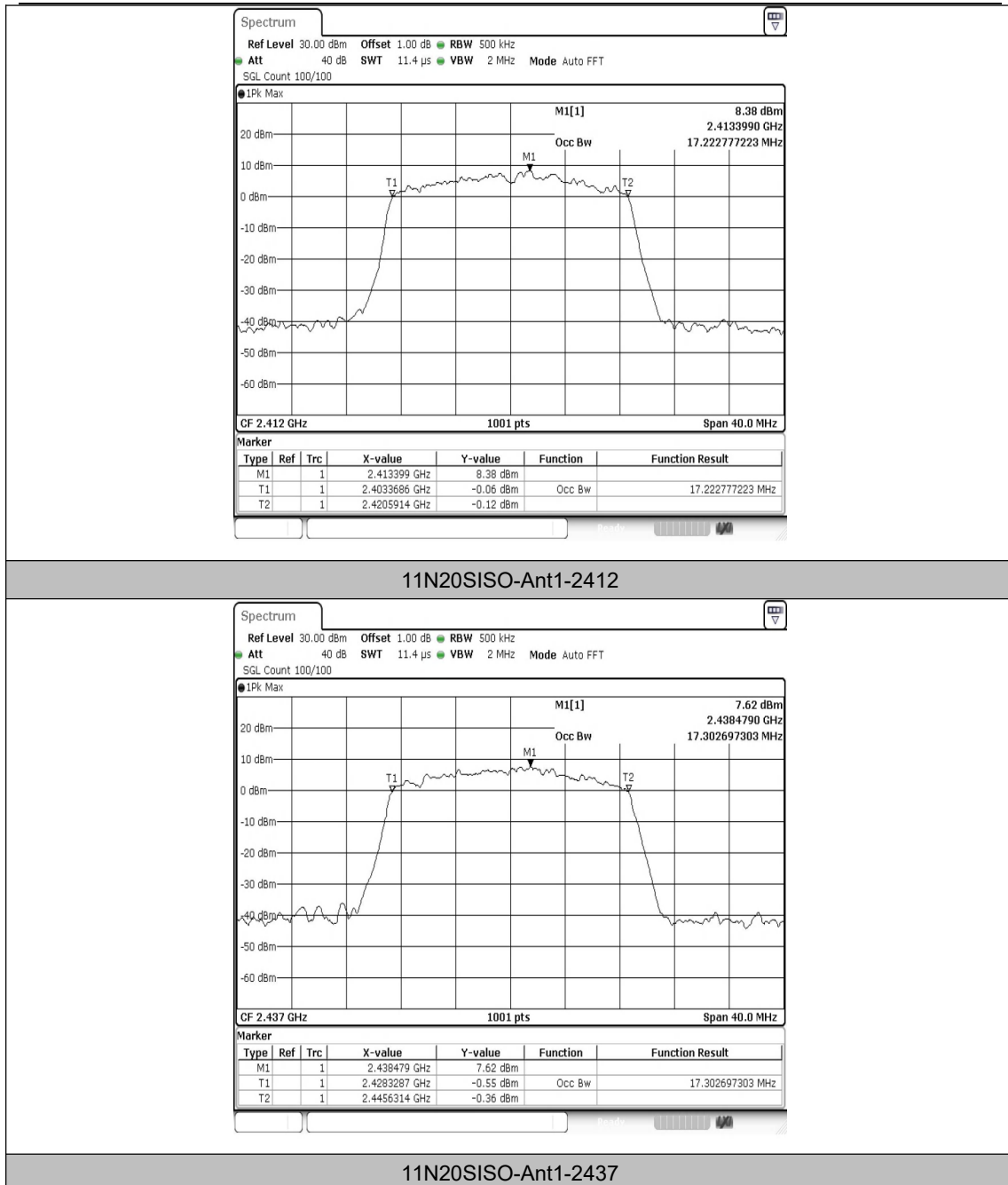


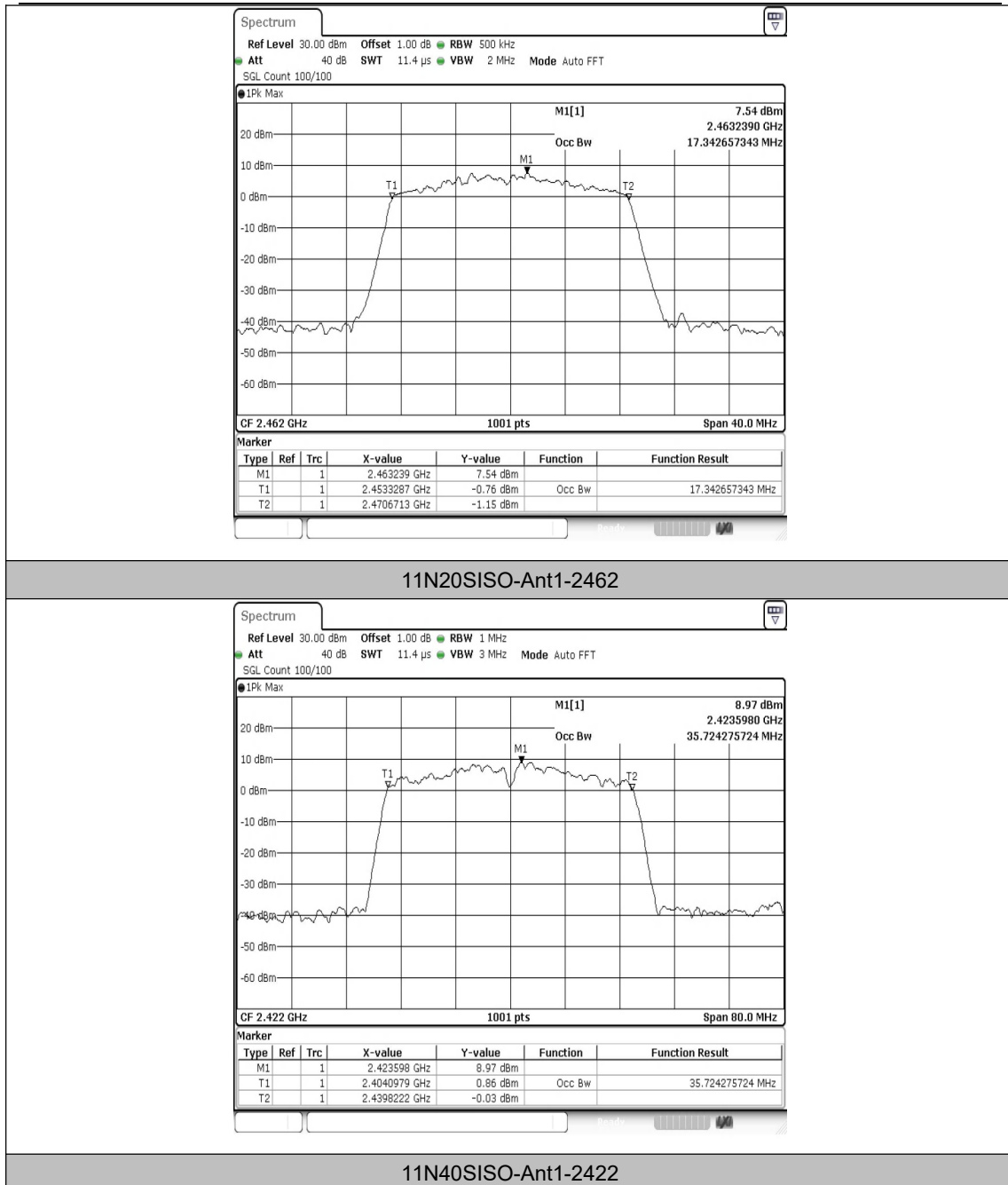
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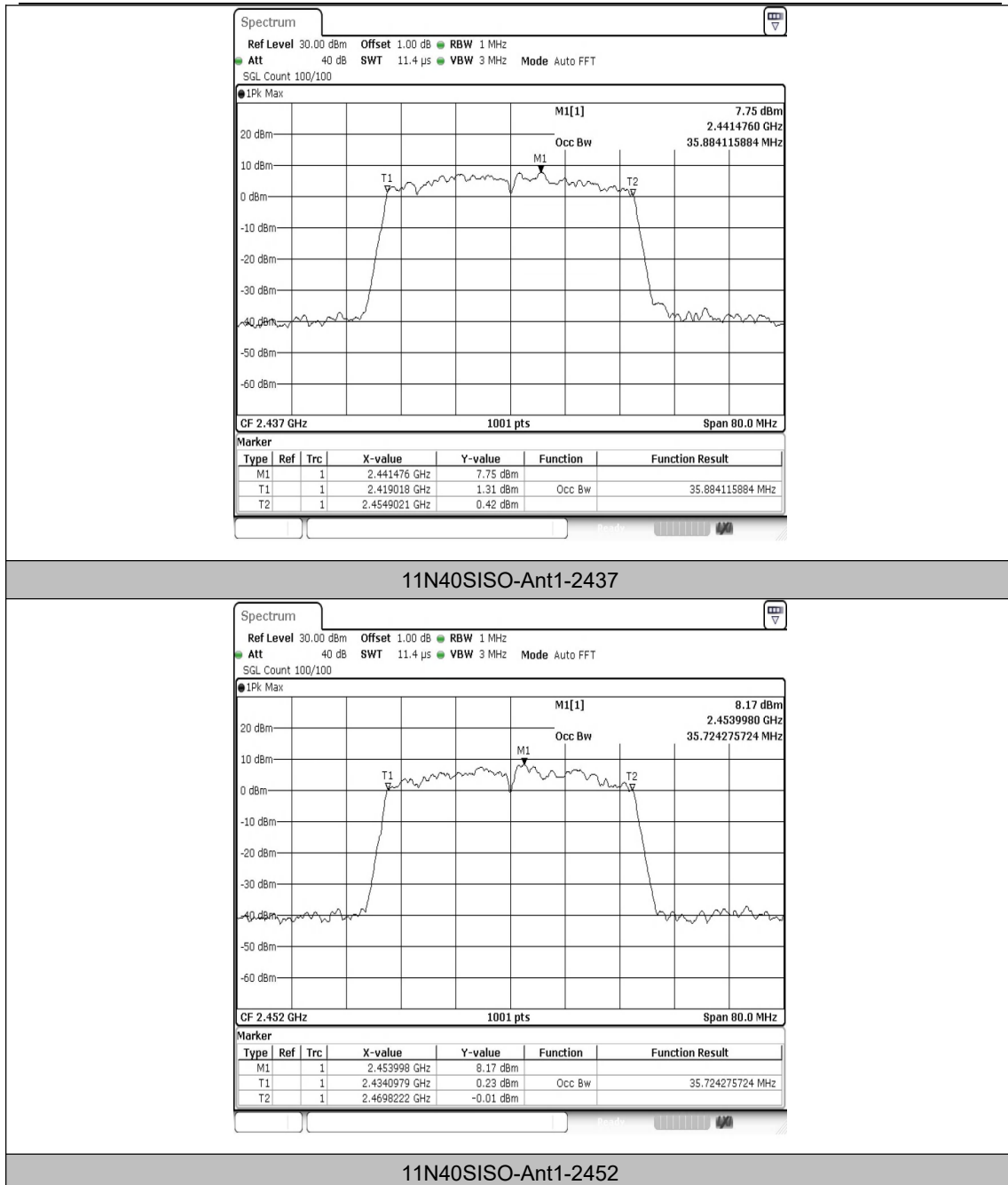
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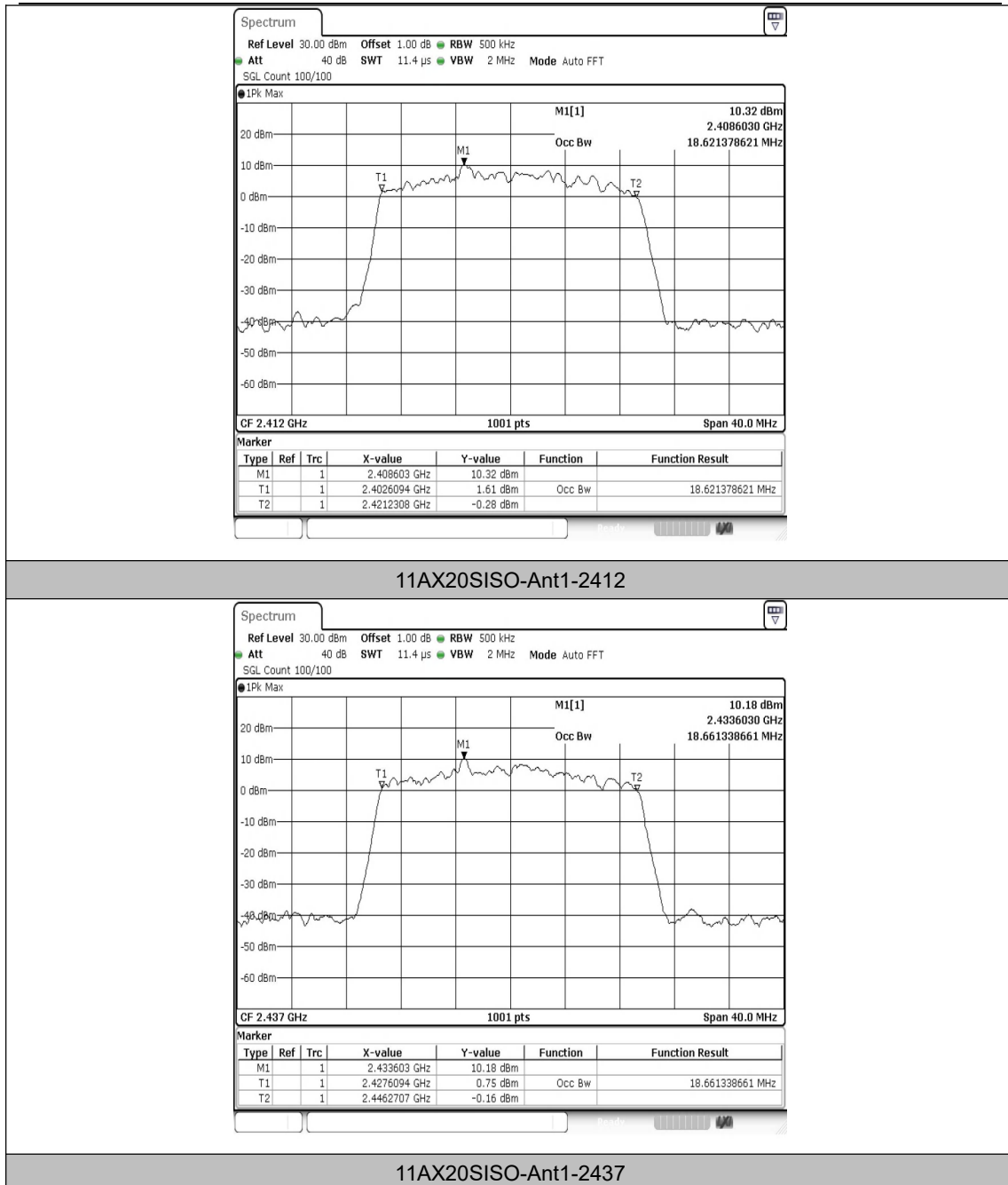
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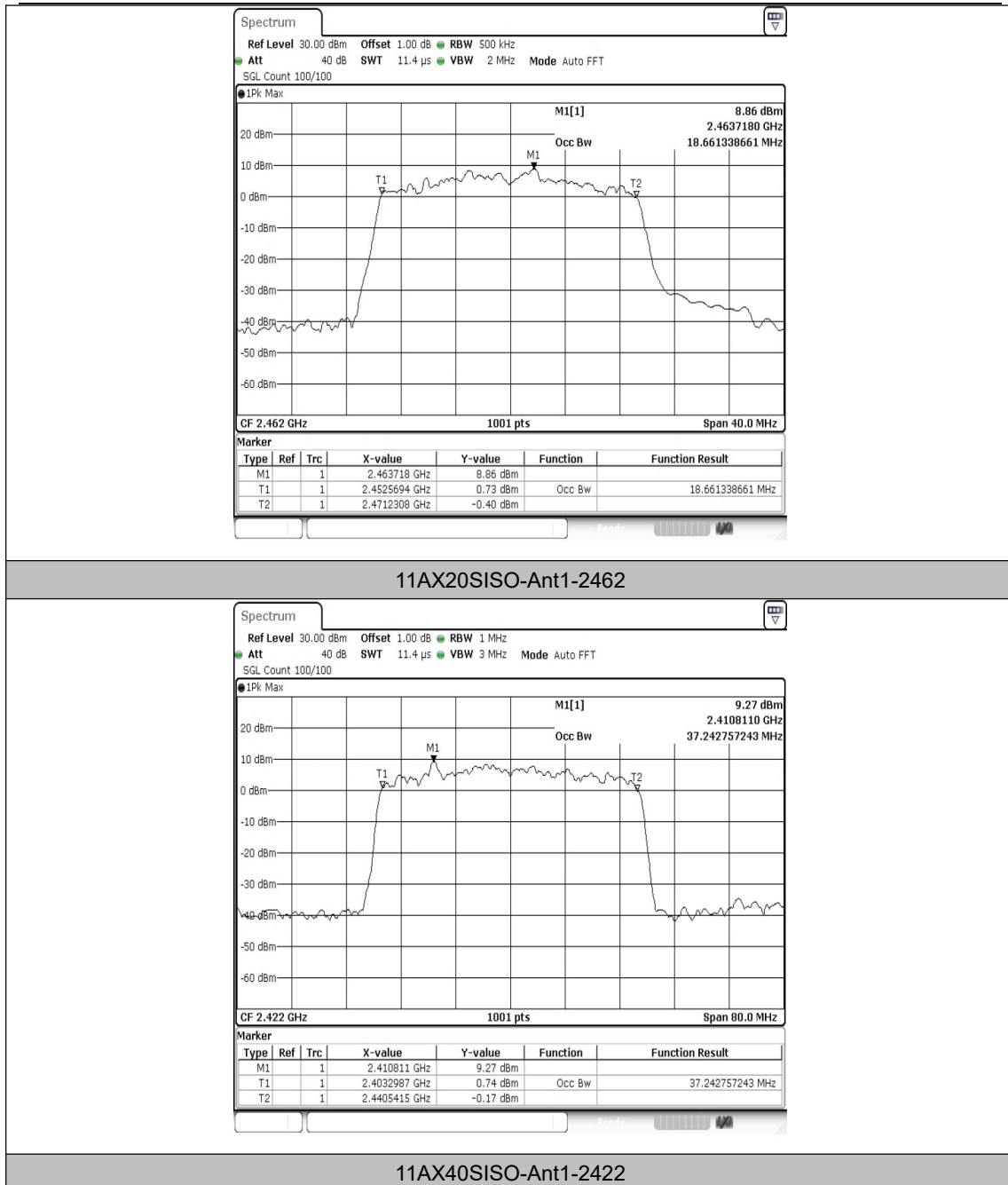








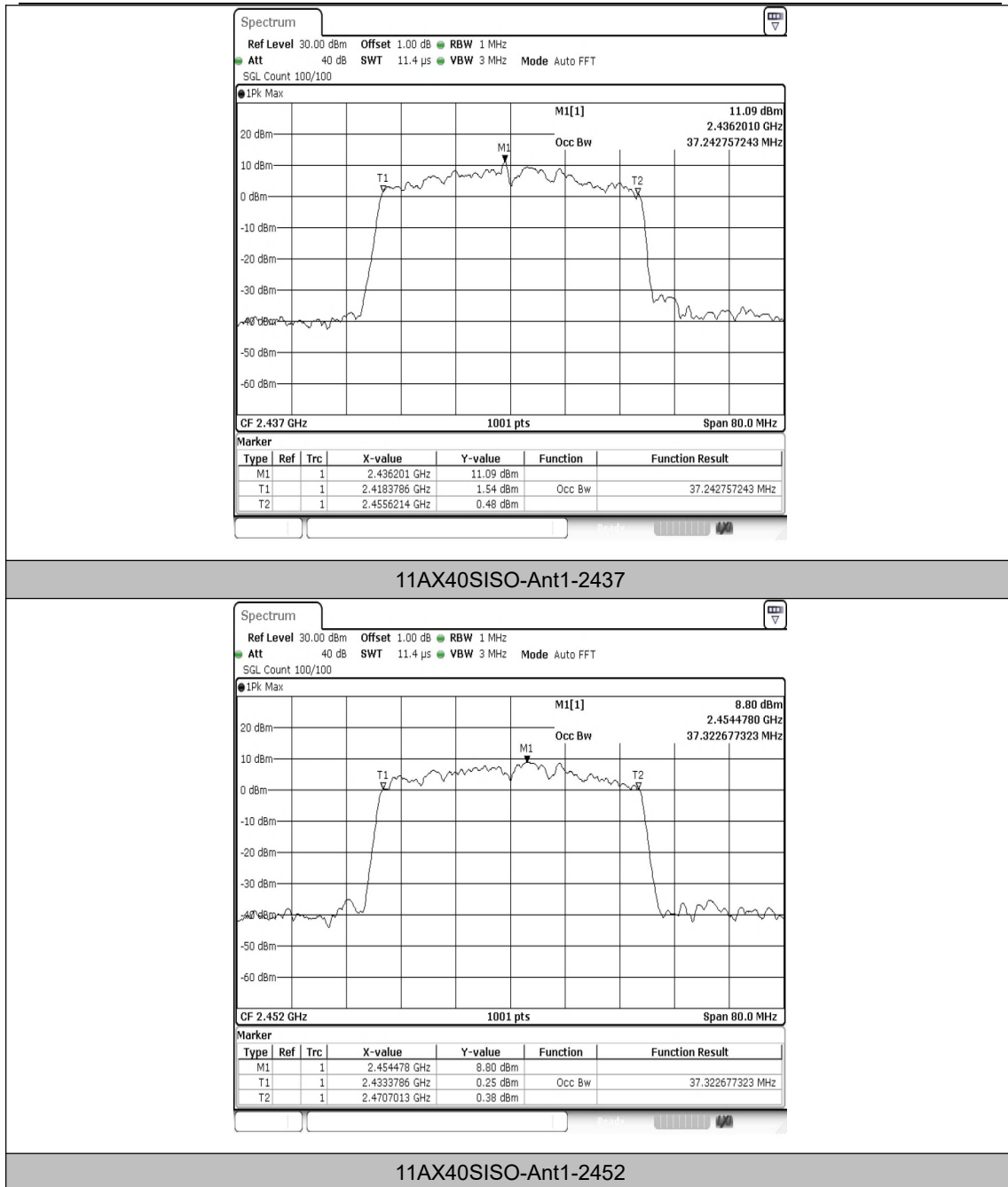




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Appendix C: Maximum conducted output power

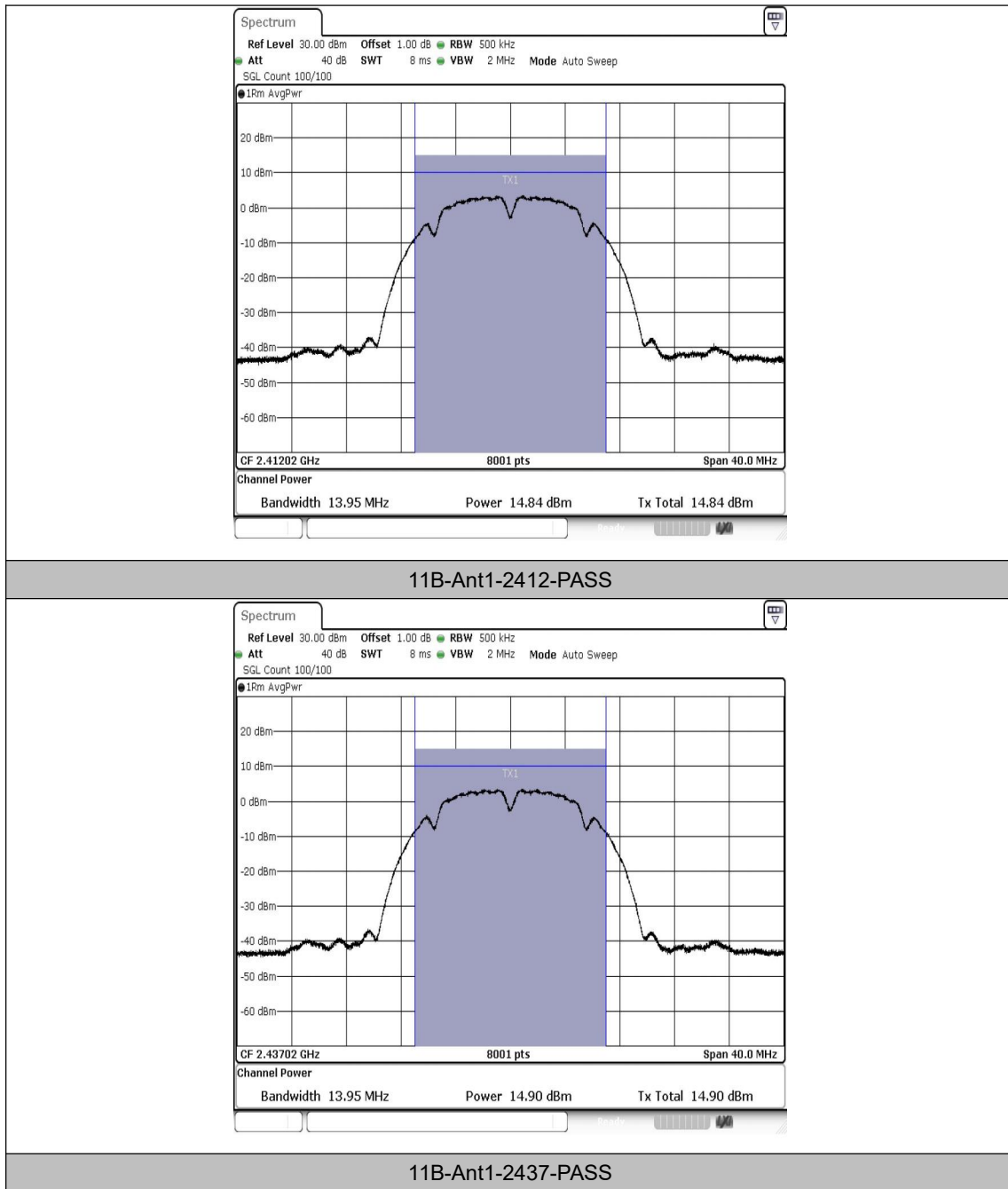
Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	14.84	100.00	0.00	14.84	≤30.00	PASS
11B	Ant1	2437	NA	14.90	100.00	0.00	14.90	≤30.00	PASS
11B	Ant1	2462	NA	14.22	100.00	0.00	14.22	≤30.00	PASS
11G	Ant1	2412	NA	14.67	100.00	0.00	14.67	≤30.00	PASS
11G	Ant1	2437	NA	14.54	100.00	0.00	14.54	≤30.00	PASS
11G	Ant1	2462	NA	14.06	100.00	0.00	14.06	≤30.00	PASS
11N20SISO	Ant1	2412	NA	14.52	100.00	0.00	14.52	≤30.00	PASS
11N20SISO	Ant1	2437	NA	14.35	100.00	0.00	14.35	≤30.00	PASS
11N20SISO	Ant1	2462	NA	13.97	100.00	0.00	13.97	≤30.00	PASS
11N40SISO	Ant1	2422	NA	14.38	100.00	0.00	14.38	≤30.00	PASS
11N40SISO	Ant1	2437	NA	14.22	100.00	0.00	14.22	≤30.00	PASS
11N40SISO	Ant1	2452	NA	13.85	100.00	0.00	13.85	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	14.39	100.00	0.00	14.39	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	14.22	100.00	0.00	14.22	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	13.76	100.00	0.00	13.76	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	14.29	100.00	0.00	14.29	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	14.19	100.00	0.00	14.19	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	13.84	100.00	0.00	13.84	≤30.00	PASS

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



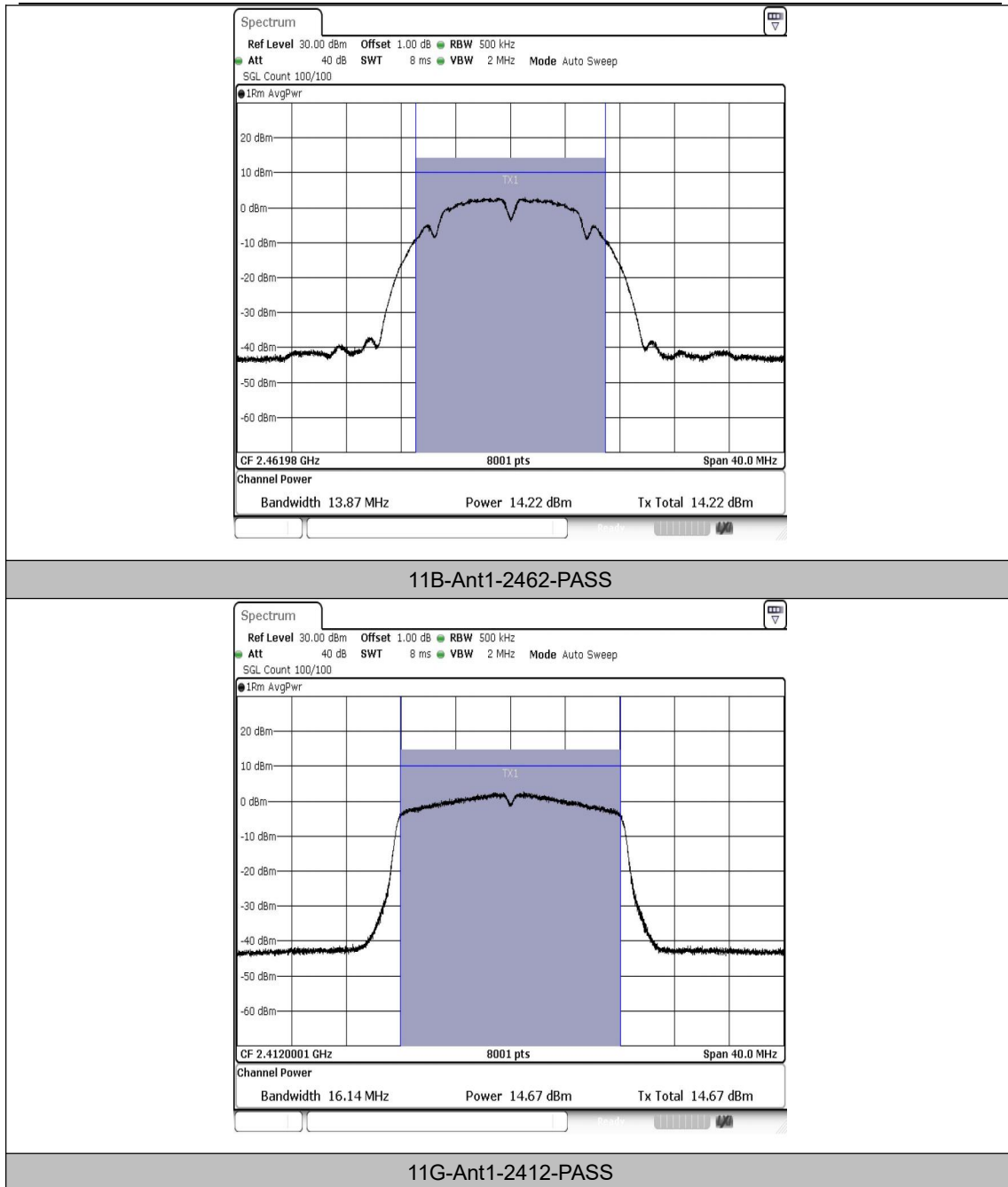
Test Graphs Average



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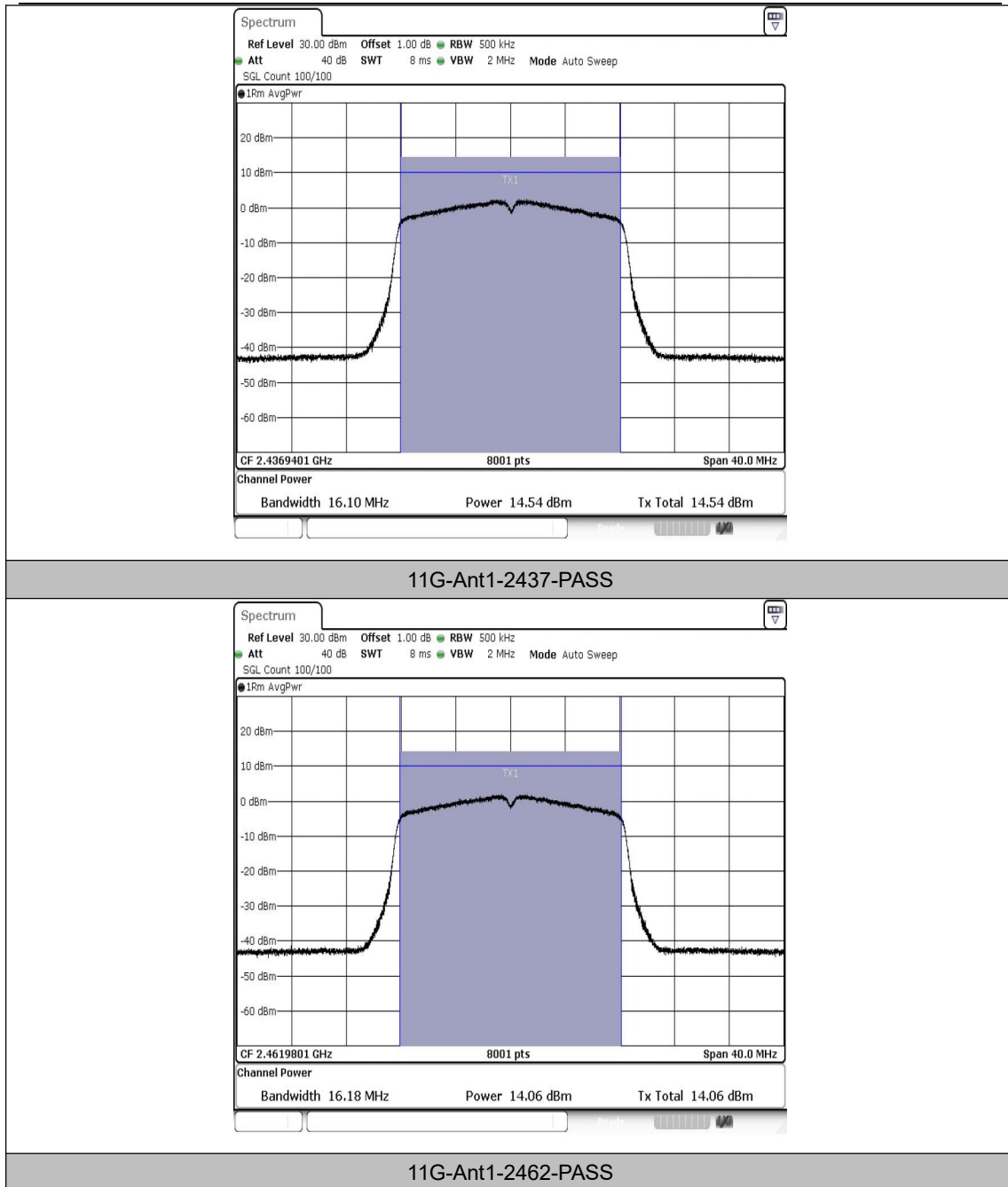


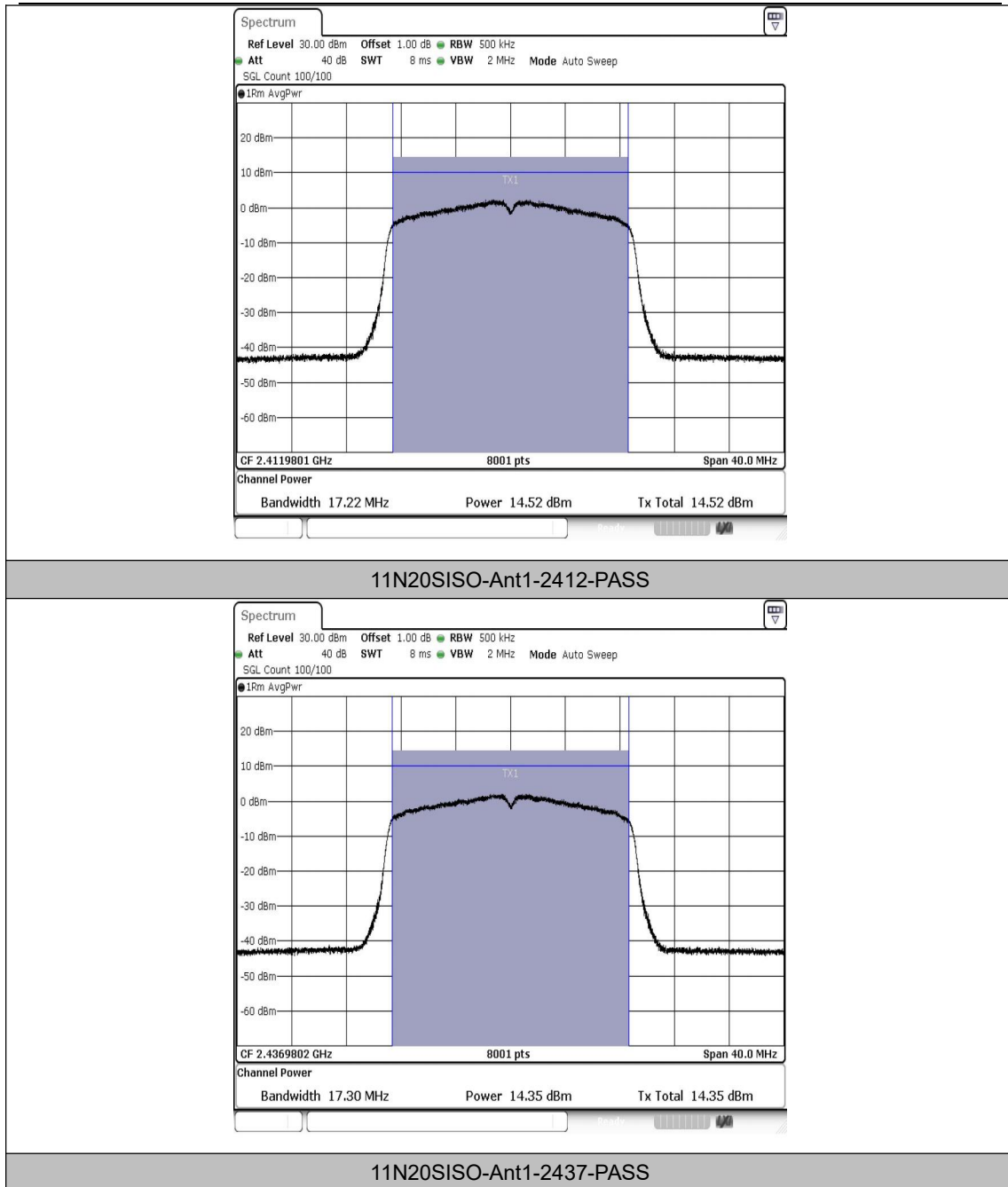
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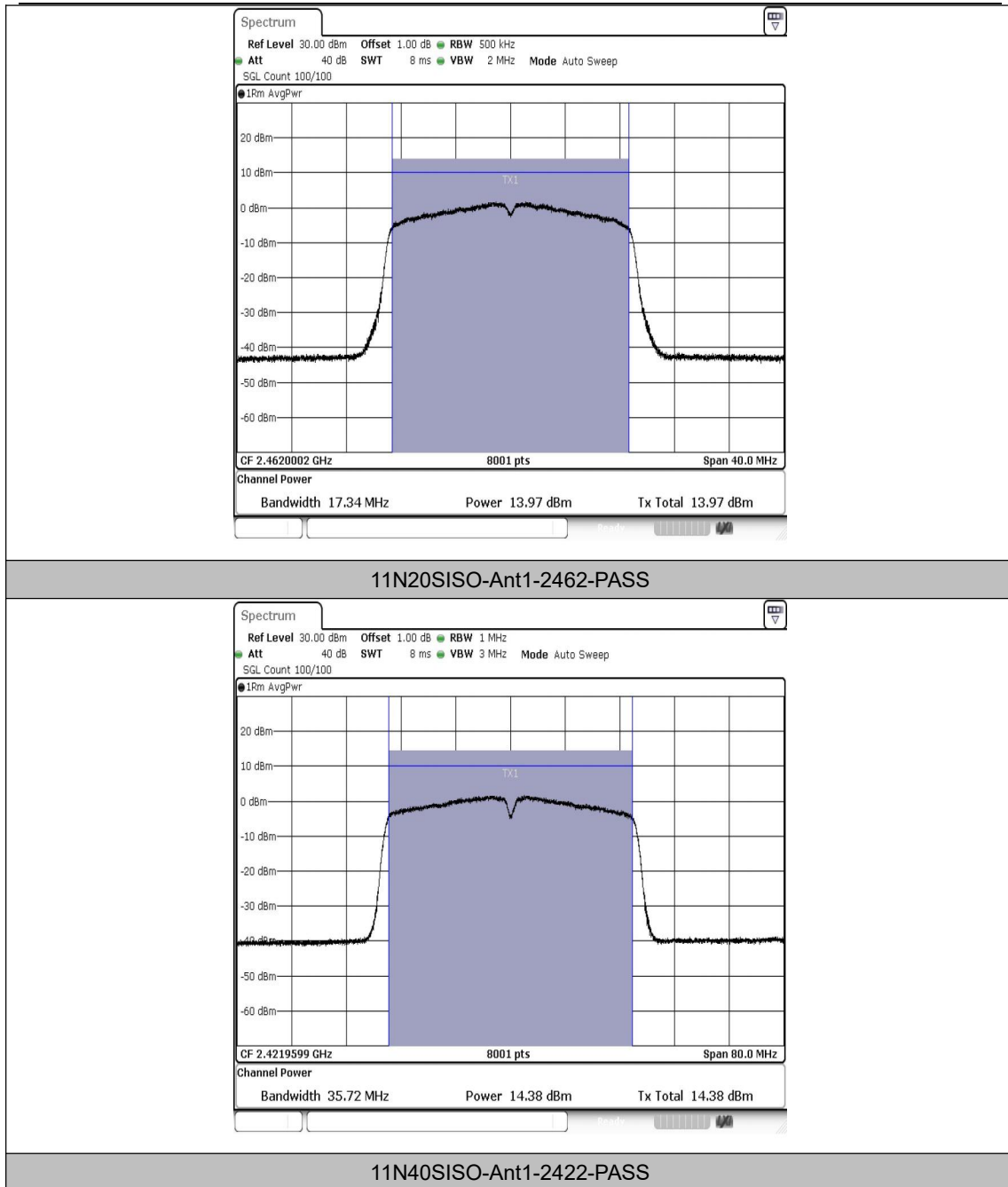


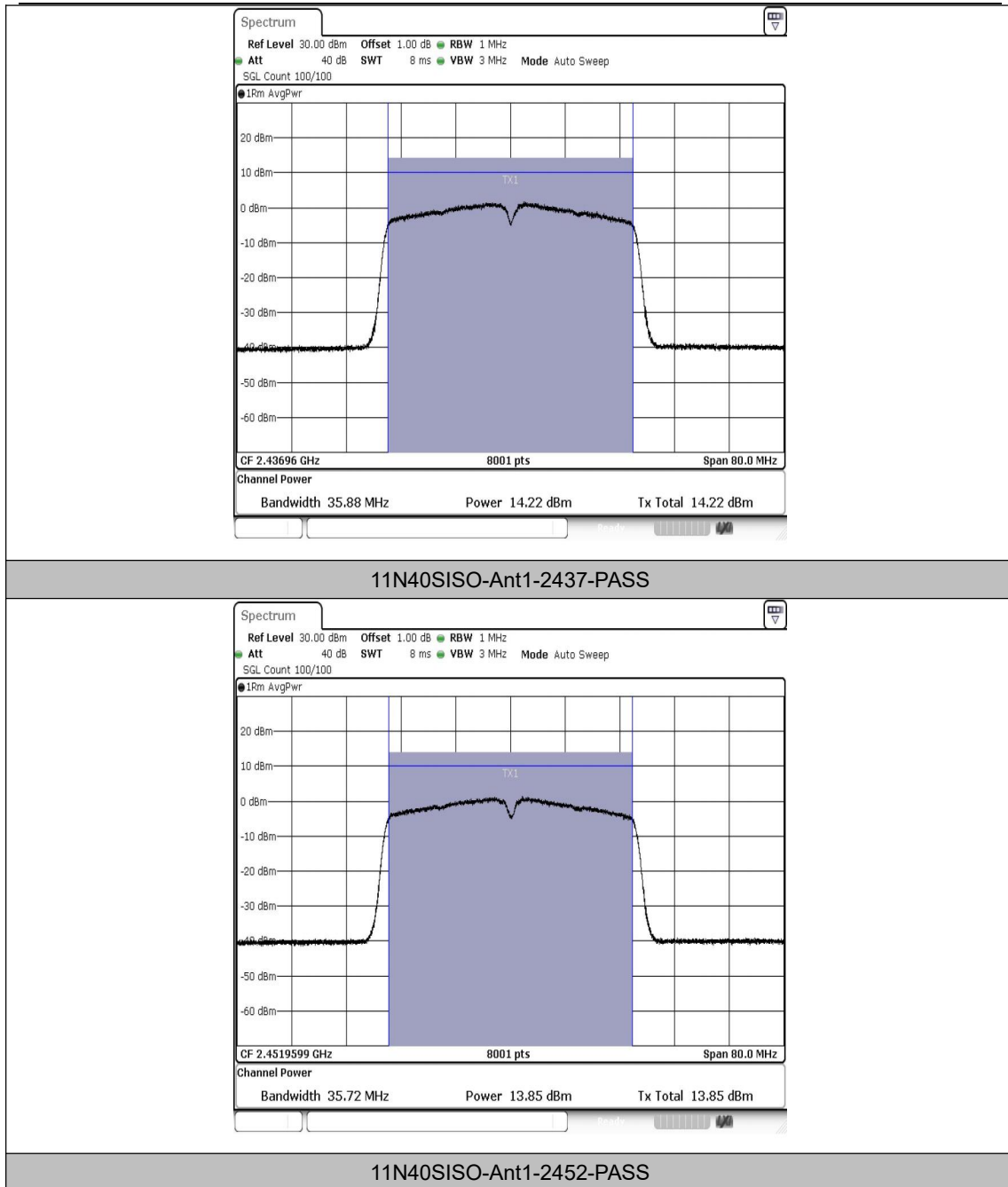


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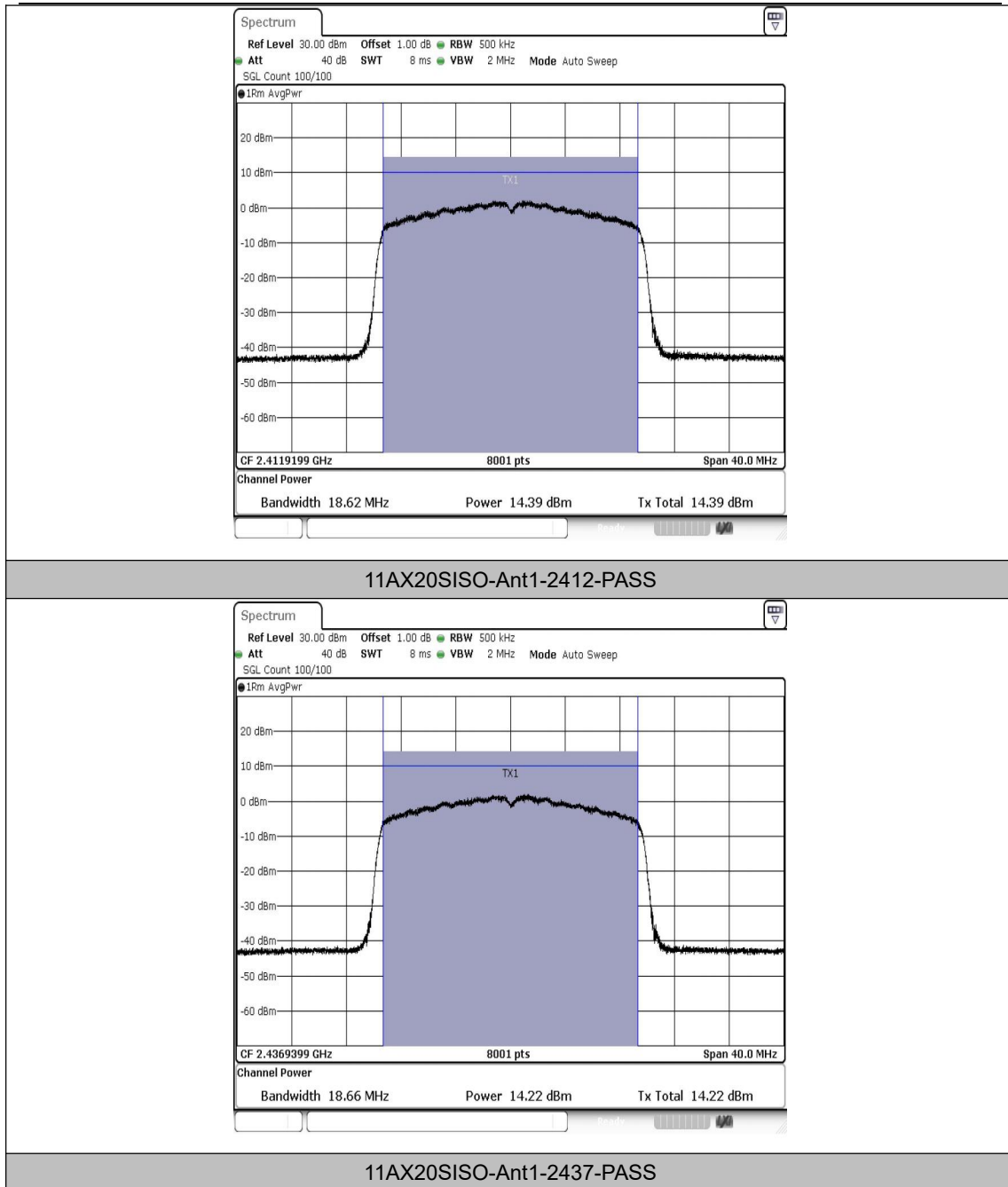




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