

Appendix Test Data

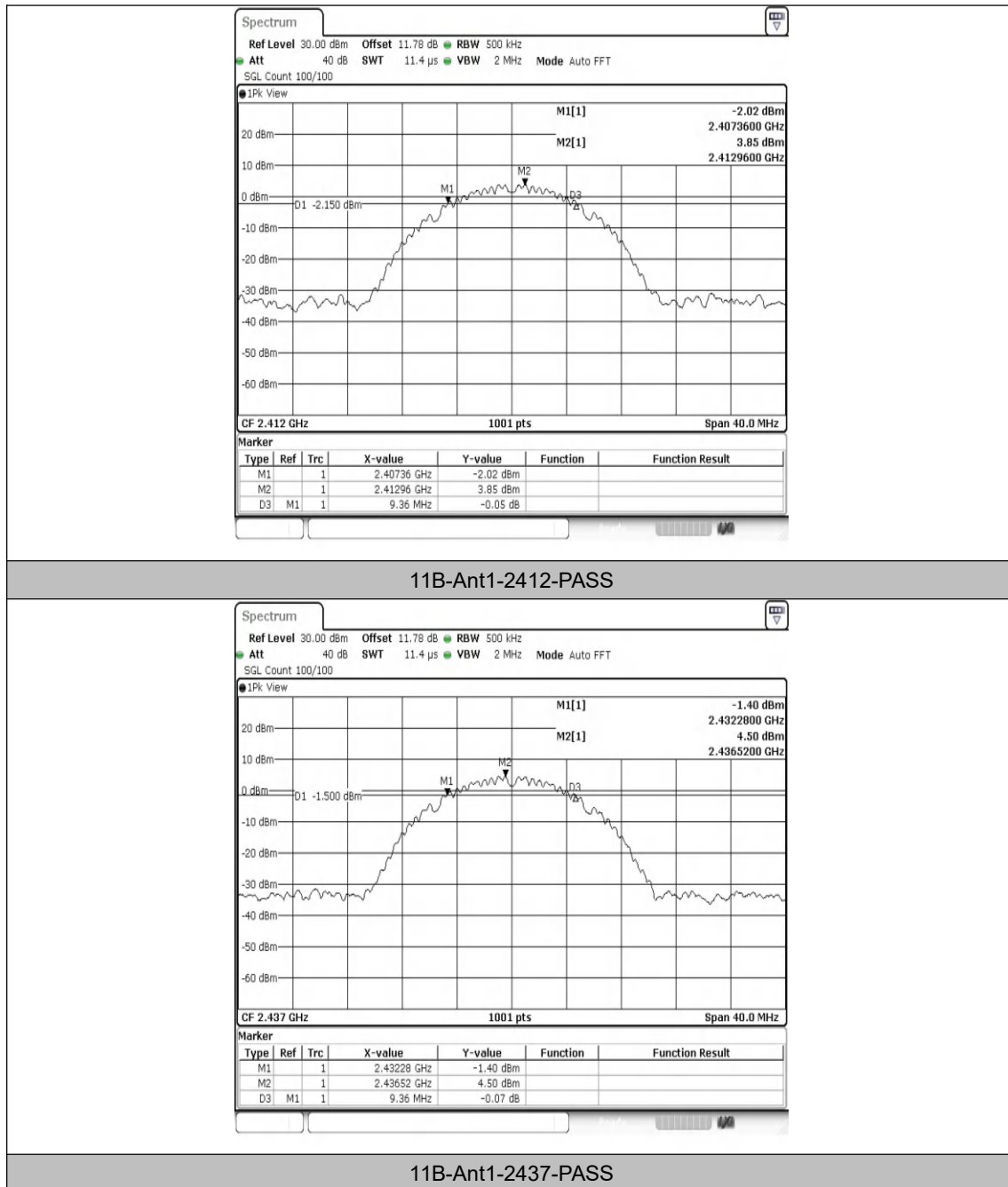
Report No.:	1812C50026312502	Test Sample No.:	1-2-2
Start Test Date:	2025-03-27	Finish Test Date:	2025-04-02
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	20.5°C	Relative Humidity:	45%
Pressure:	101kPa		

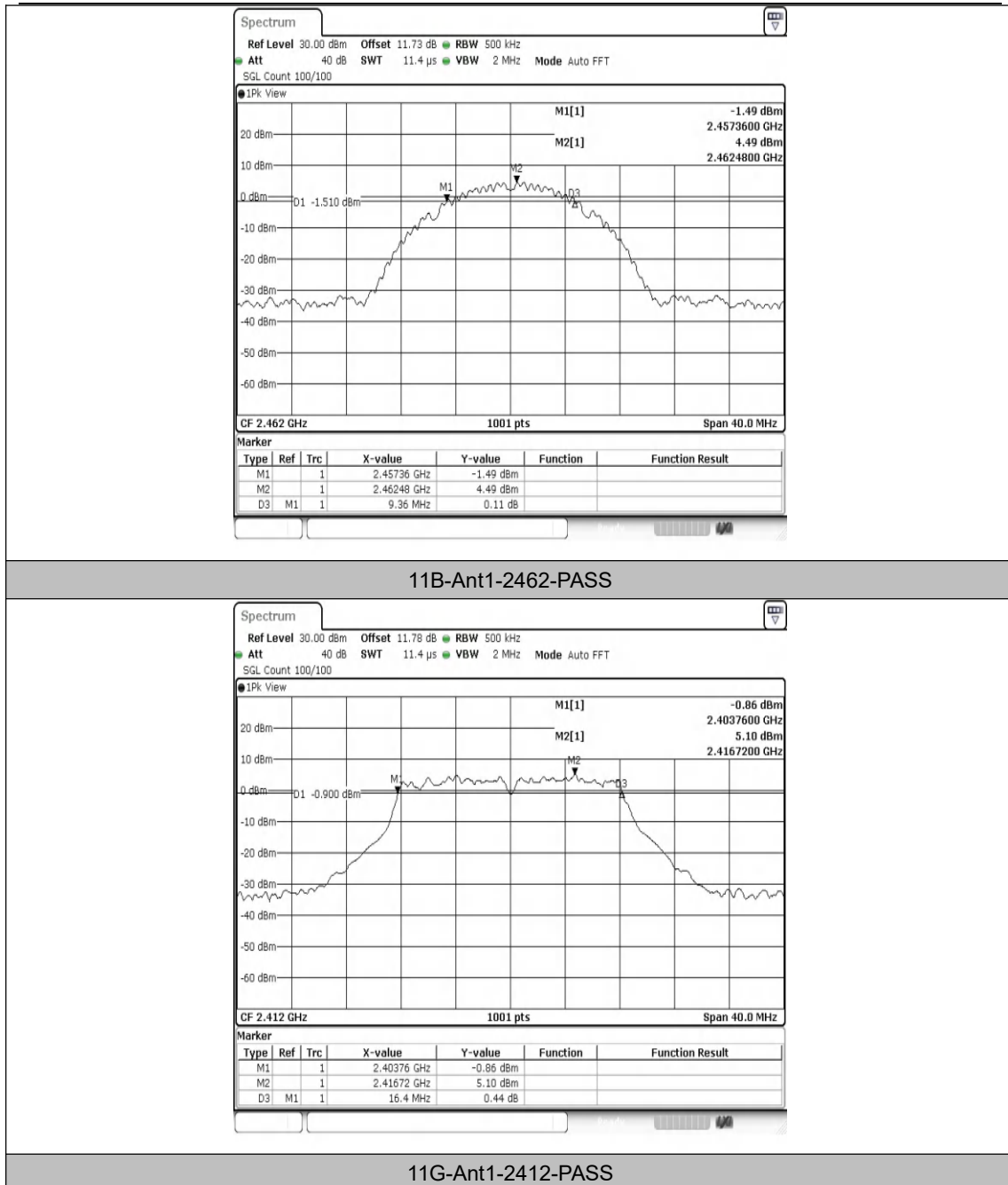
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.36	2407.36	2416.72	0.5	PASS
11B	Ant1	2437	9.36	2432.28	2441.64	0.5	PASS
11B	Ant1	2462	9.36	2457.36	2466.72	0.5	PASS
11G	Ant1	2412	16.40	2403.76	2420.16	0.5	PASS
11G	Ant1	2437	16.48	2428.72	2445.20	0.5	PASS
11G	Ant1	2462	16.32	2453.96	2470.28	0.5	PASS
11N20SISO	Ant1	2412	17.60	2403.20	2420.80	0.5	PASS
11N20SISO	Ant1	2437	17.40	2428.32	2445.72	0.5	PASS
11N20SISO	Ant1	2462	17.64	2453.20	2470.84	0.5	PASS

Test Graphs

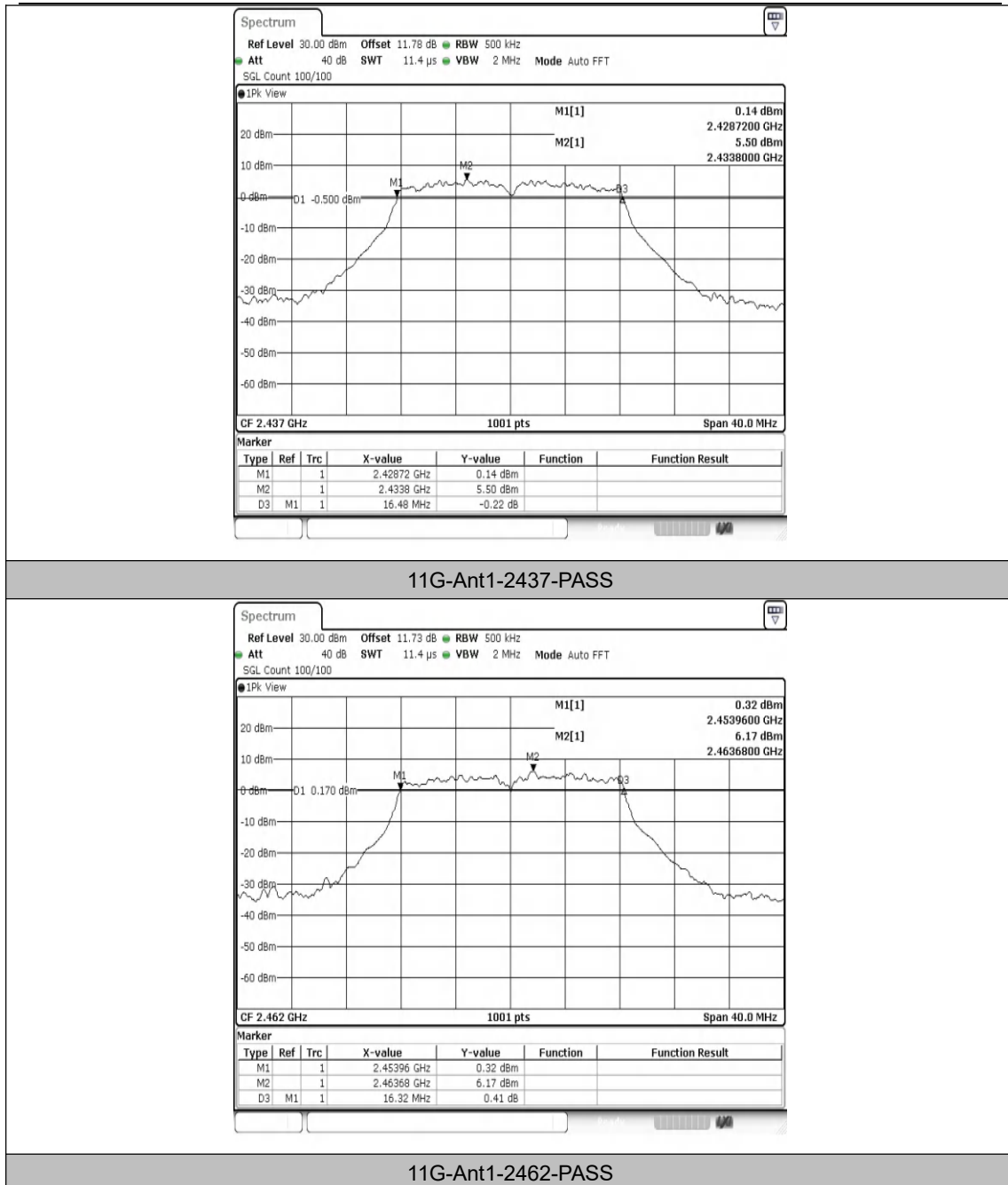


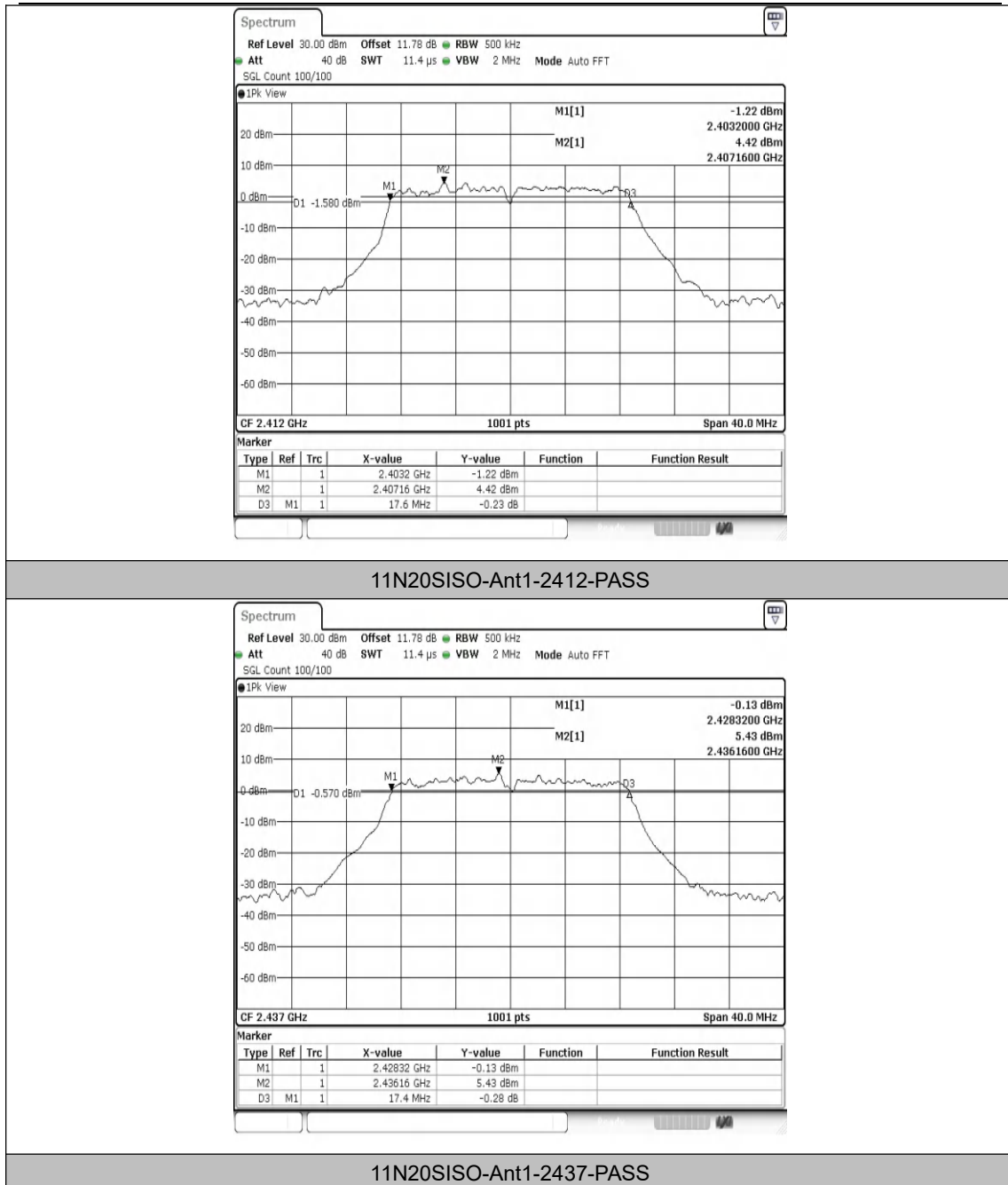


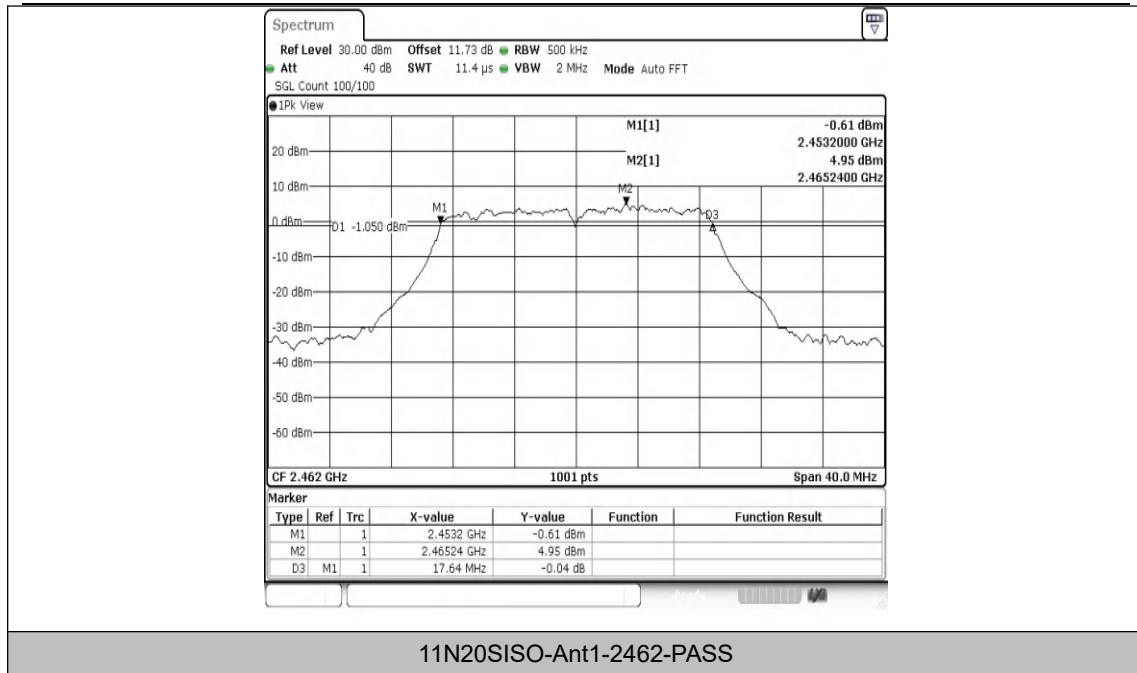
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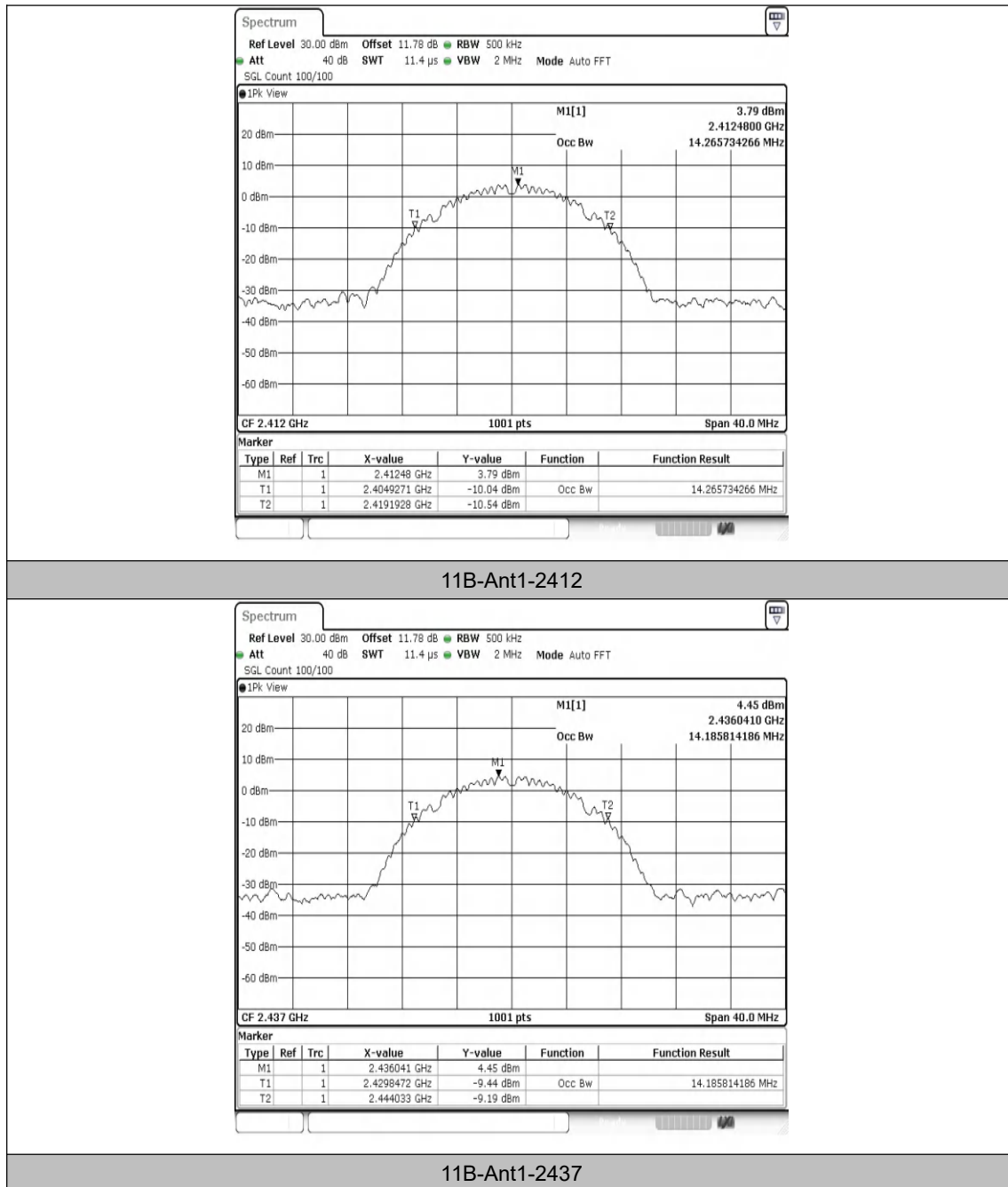
Appendix B: 99% Occupied Bandwidth

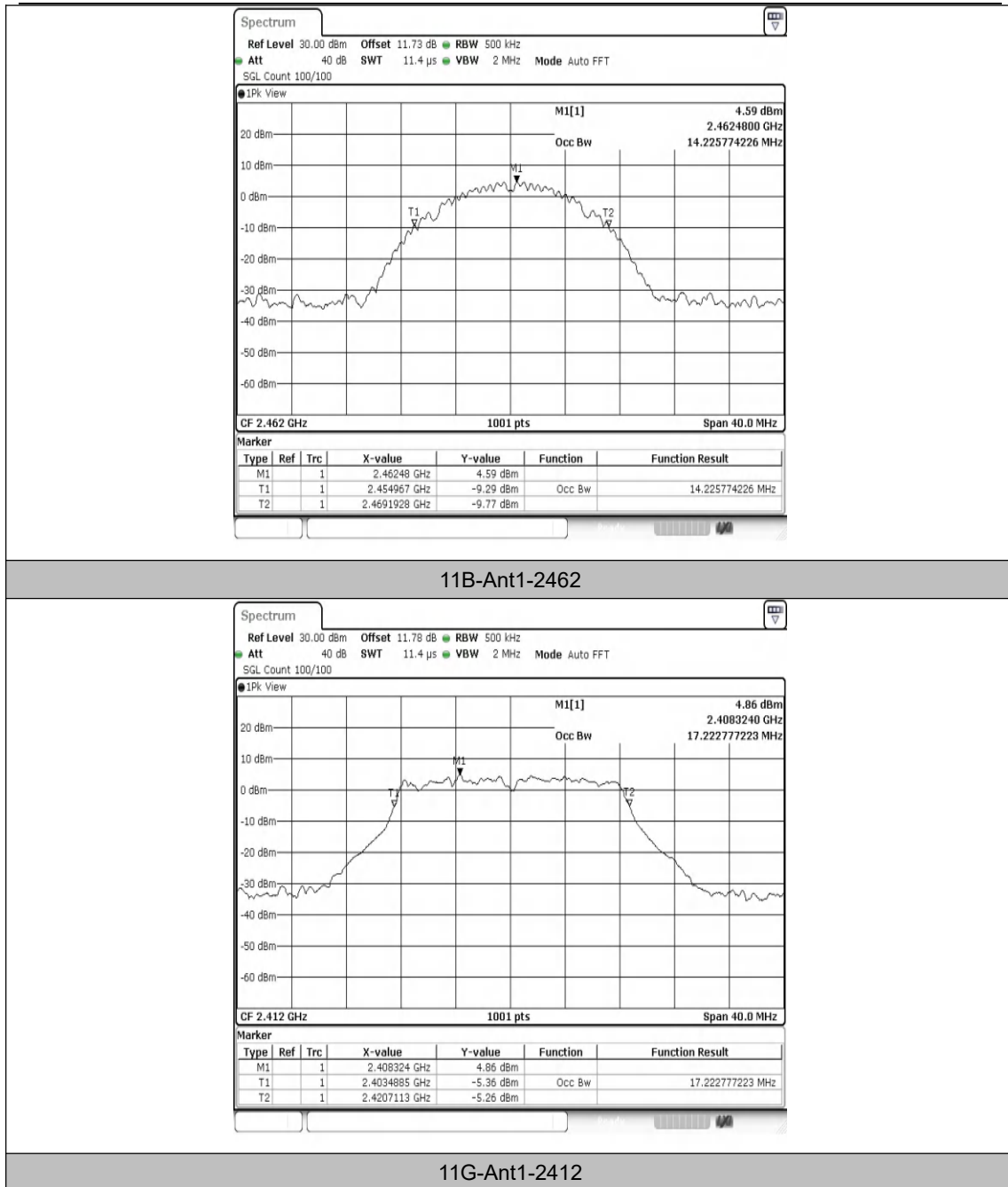
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.266	2404.9271	2419.1928	---	---
11B	Ant1	2437	14.186	2429.8472	2444.0330	---	---
11B	Ant1	2462	14.226	2454.9670	2469.1928	---	---
11G	Ant1	2412	17.223	2403.4885	2420.7113	---	---
11G	Ant1	2437	16.903	2428.5285	2445.4316	---	---
11G	Ant1	2462	16.863	2453.6084	2470.4715	---	---
11N20SISO	Ant1	2412	18.342	2402.8891	2421.2308	---	---
11N20SISO	Ant1	2437	18.422	2427.7692	2446.1908	---	---
11N20SISO	Ant1	2462	18.501	2452.6893	2471.1908	---	---



Test Graphs

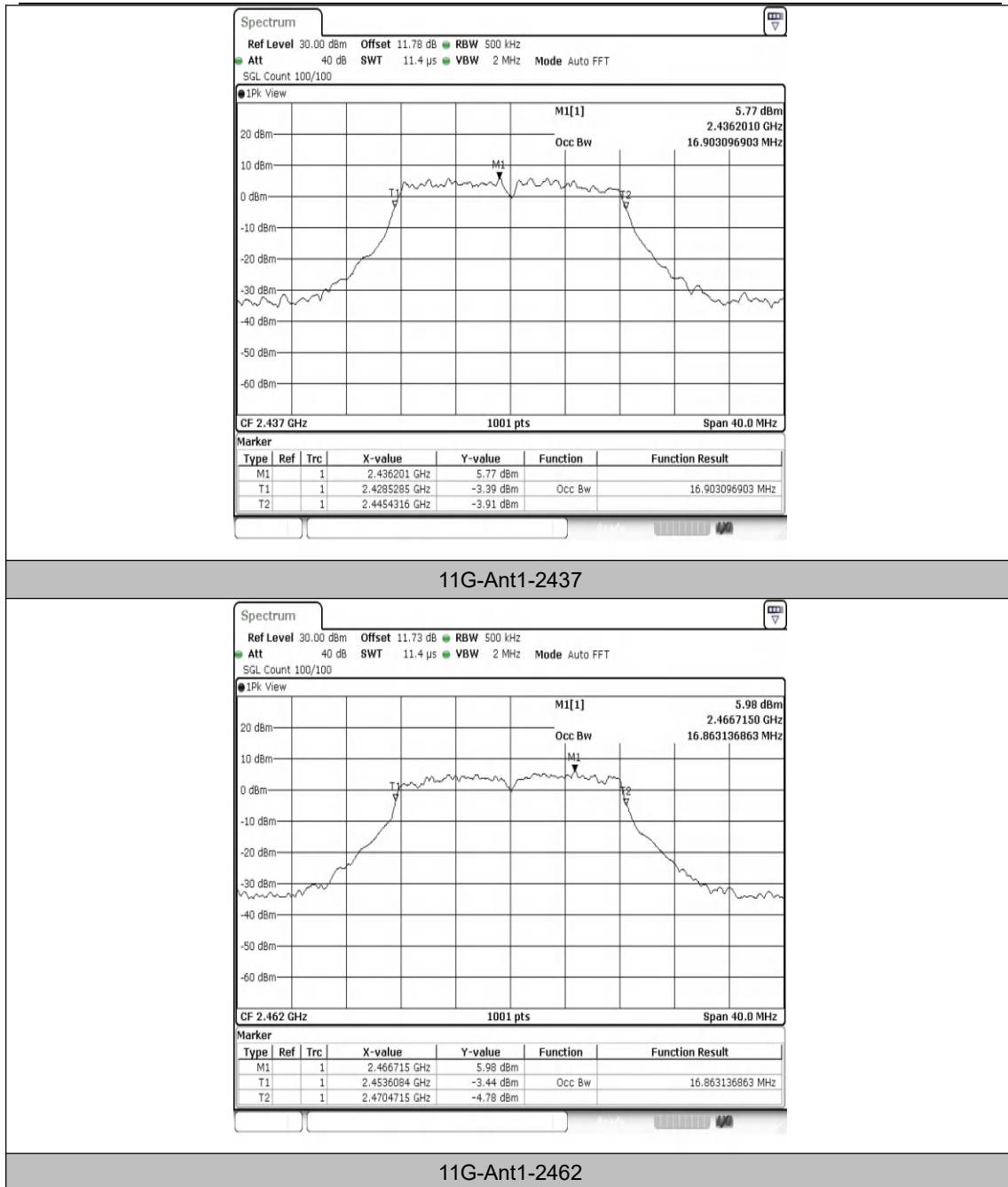


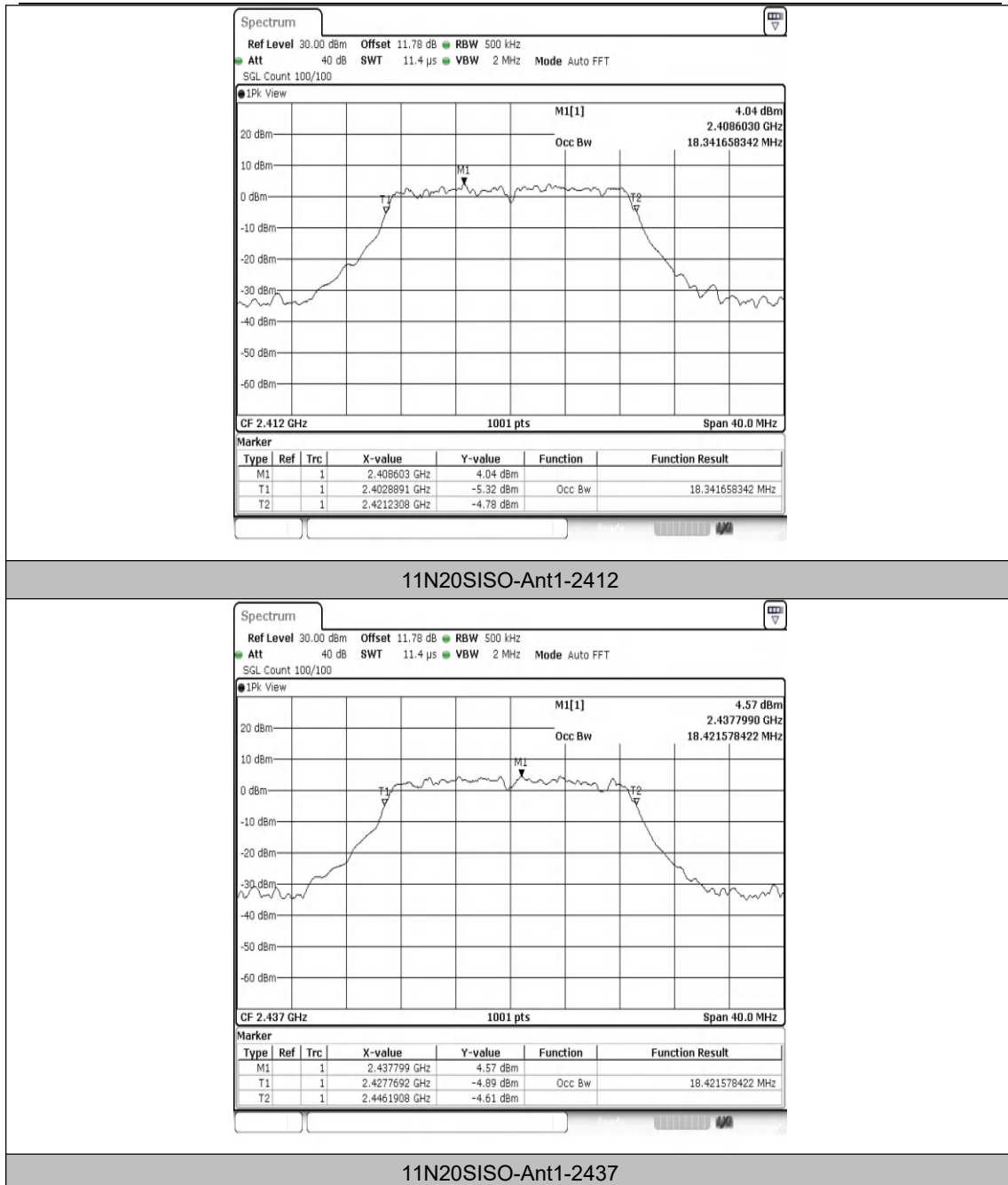


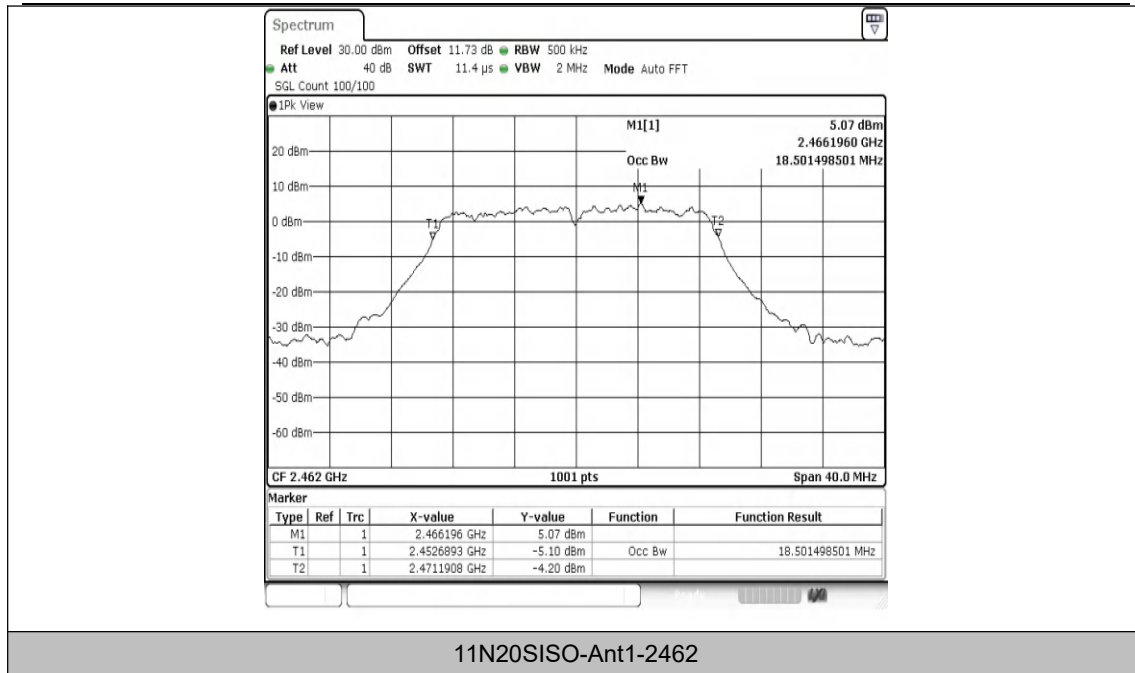
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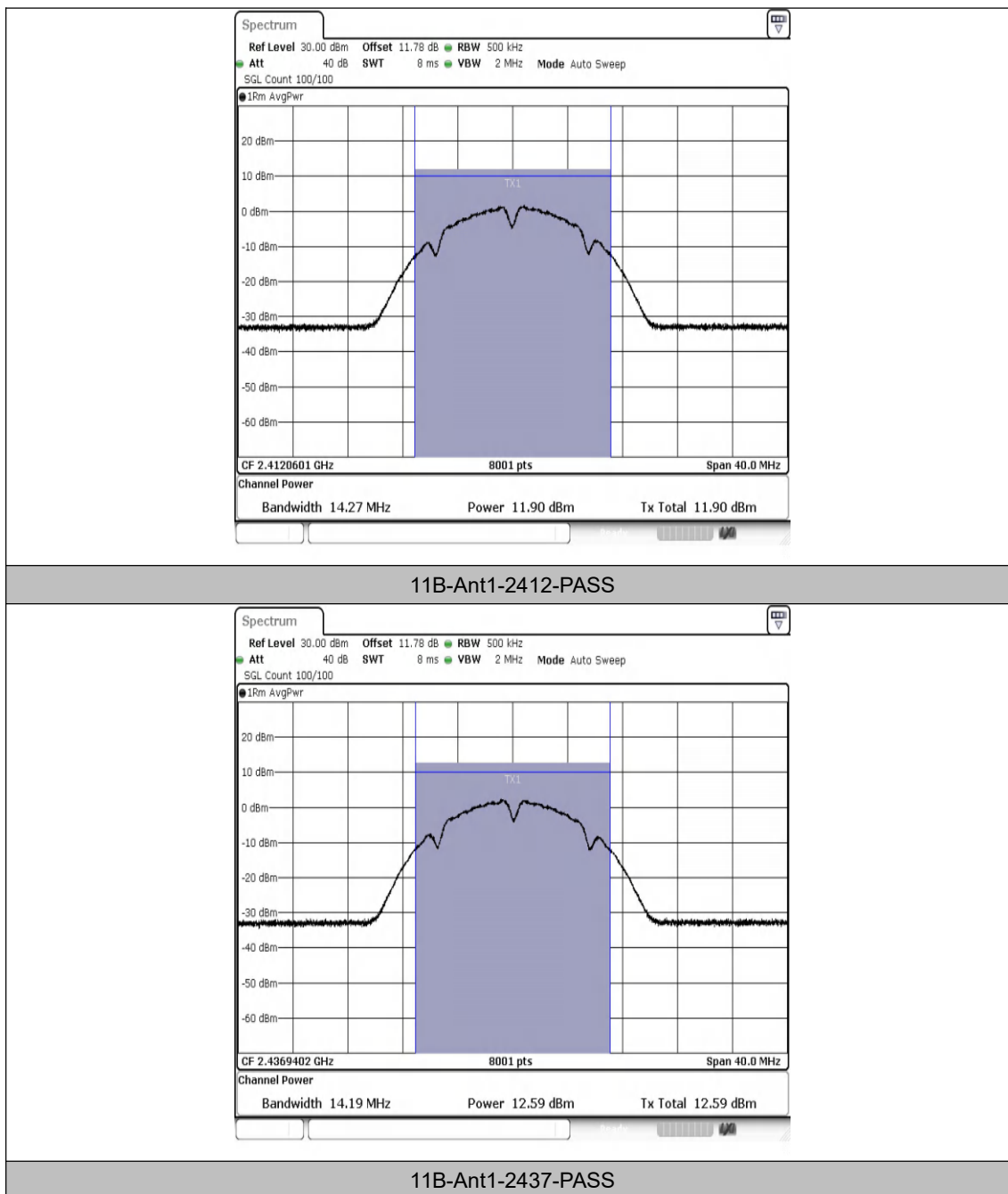
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	11.90	100.00	0.00	11.90	≤30.00	PASS
11B	Ant1	2437	12.59	100.00	0.00	12.59	≤30.00	PASS
11B	Ant1	2462	12.63	100.00	0.00	12.63	≤30.00	PASS
11G	Ant1	2412	12.39	100.00	0.00	12.39	≤30.00	PASS
11G	Ant1	2437	13.06	100.00	0.00	13.06	≤30.00	PASS
11G	Ant1	2462	13.16	100.00	0.00	13.16	≤30.00	PASS
11N20SISO	Ant1	2412	11.85	100.00	0.00	11.85	≤30.00	PASS
11N20SISO	Ant1	2437	12.53	100.00	0.00	12.53	≤30.00	PASS
11N20SISO	Ant1	2462	12.61	100.00	0.00	12.61	≤30.00	PASS

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

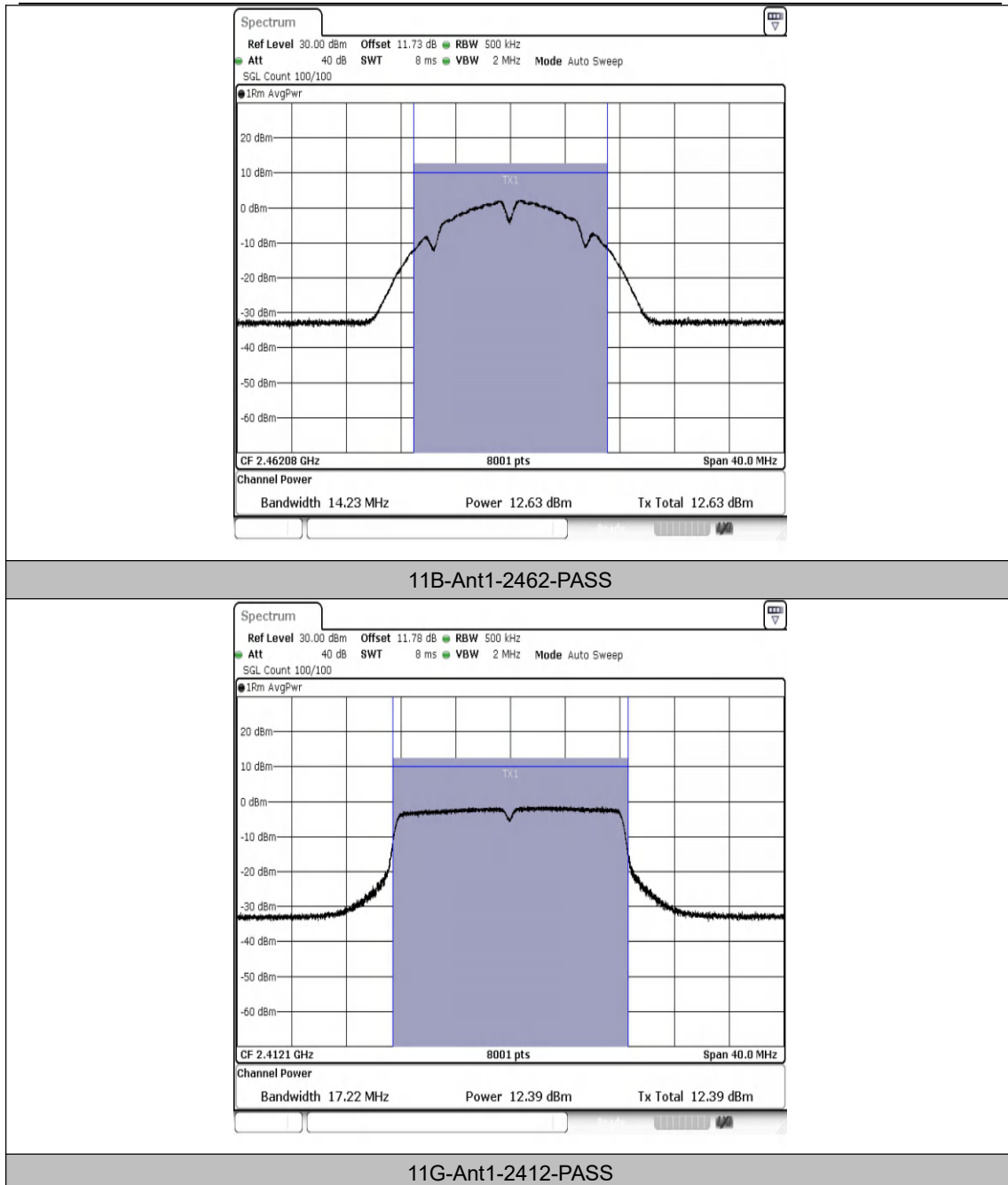
Test Graphs Average



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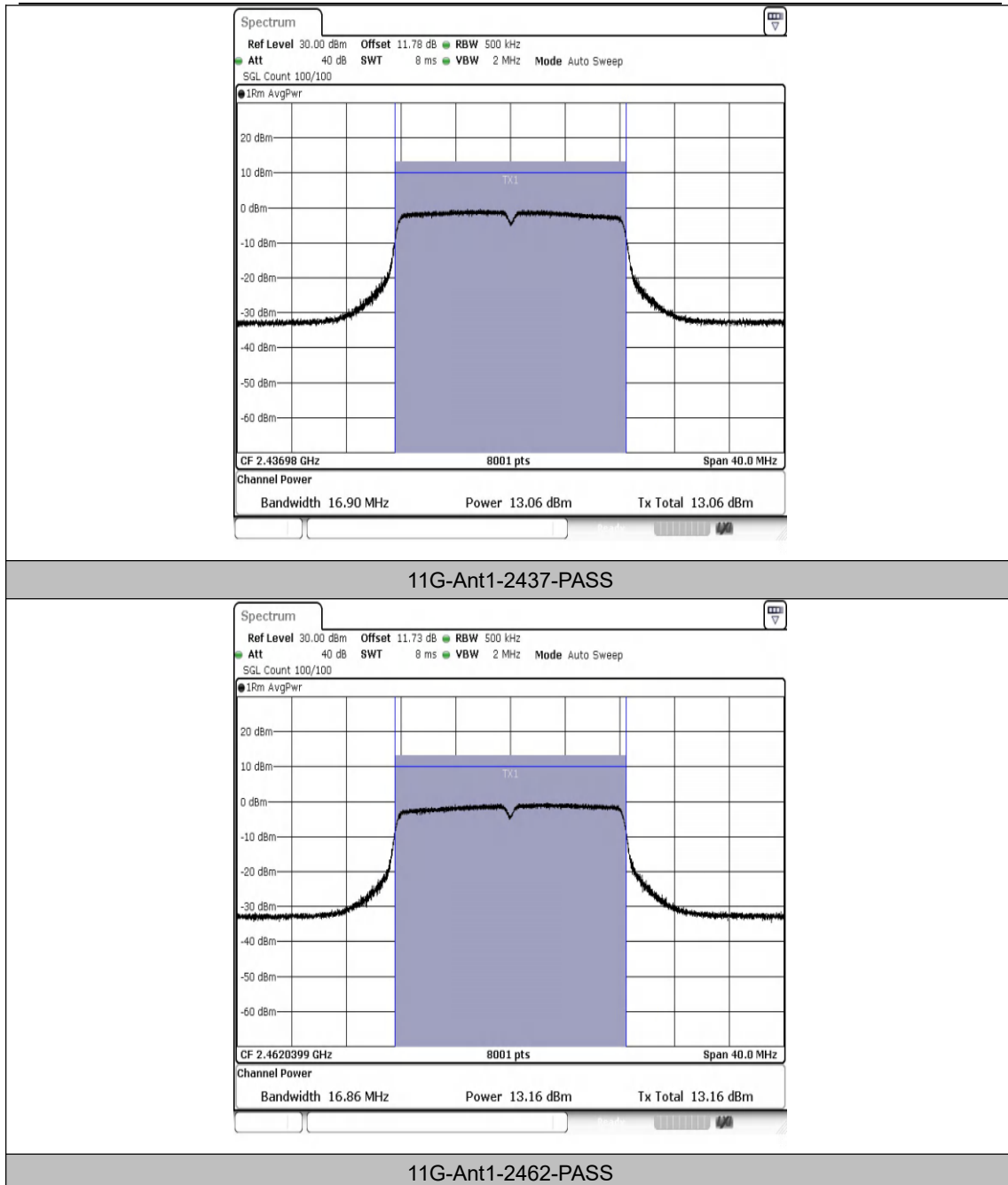
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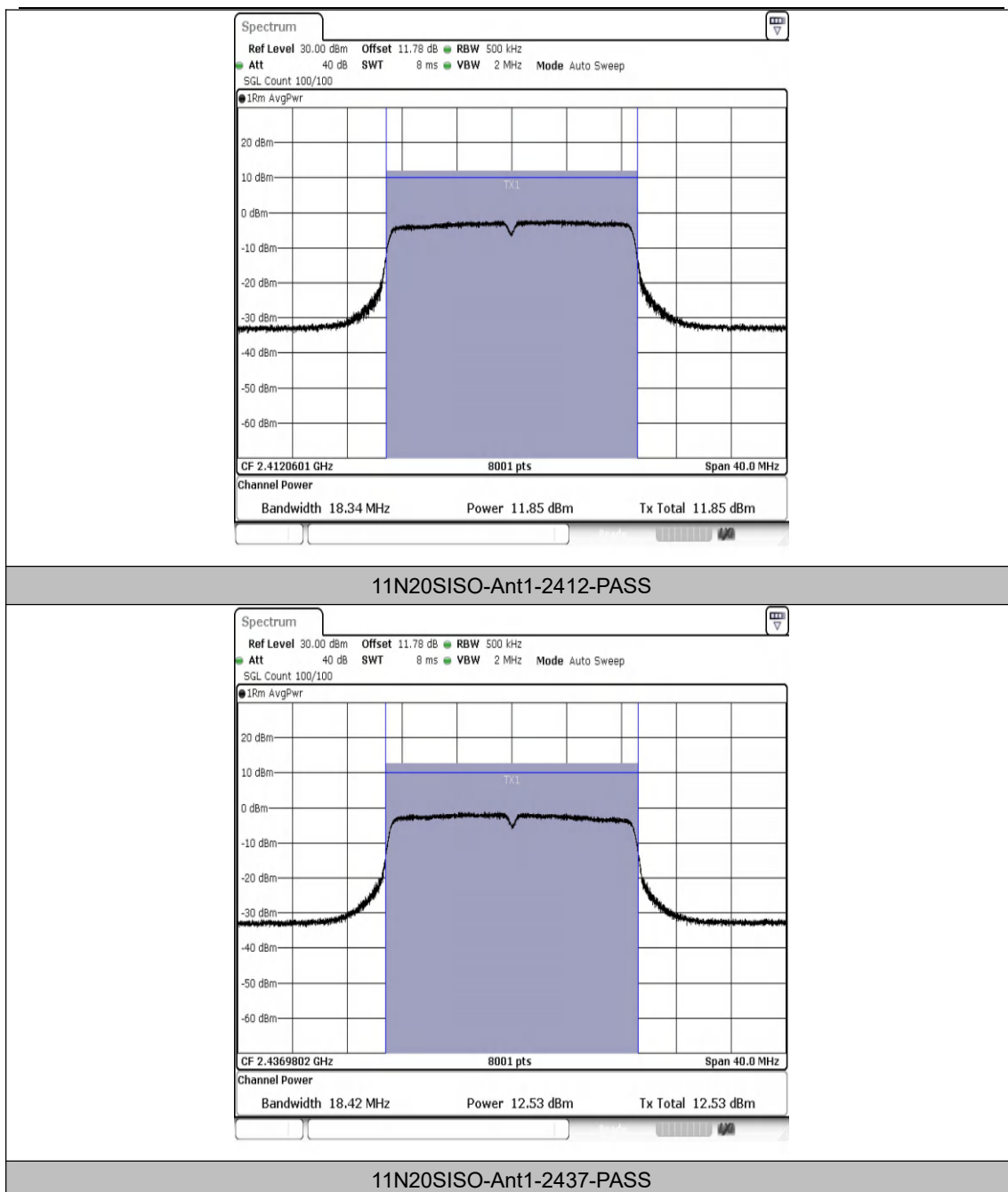
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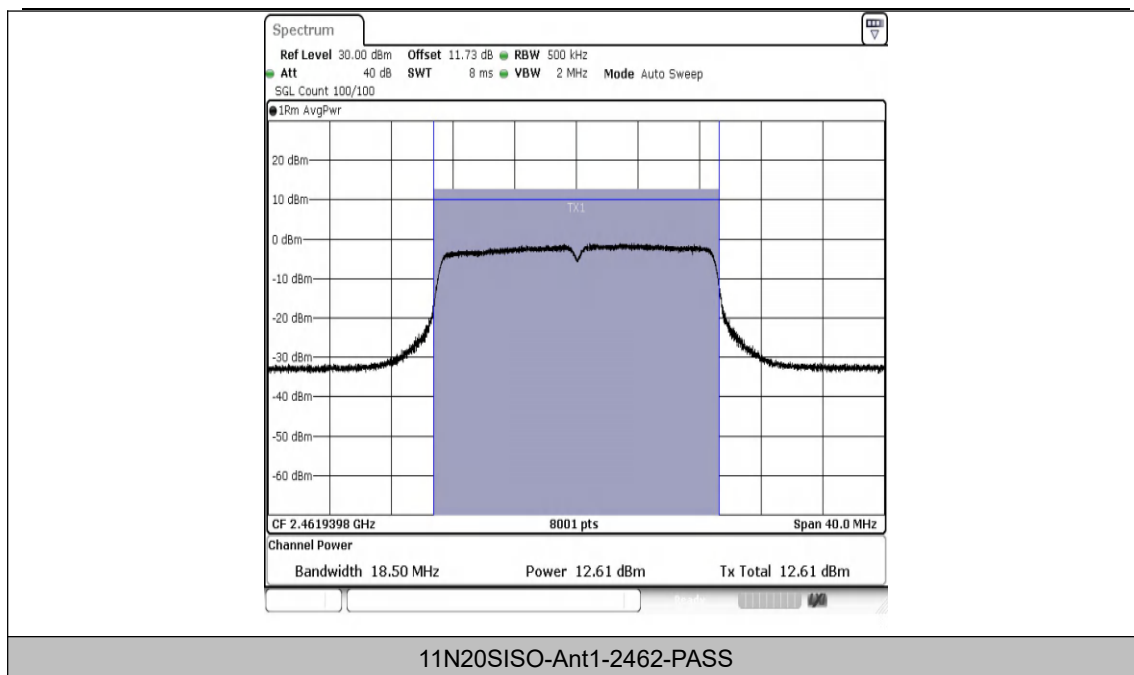


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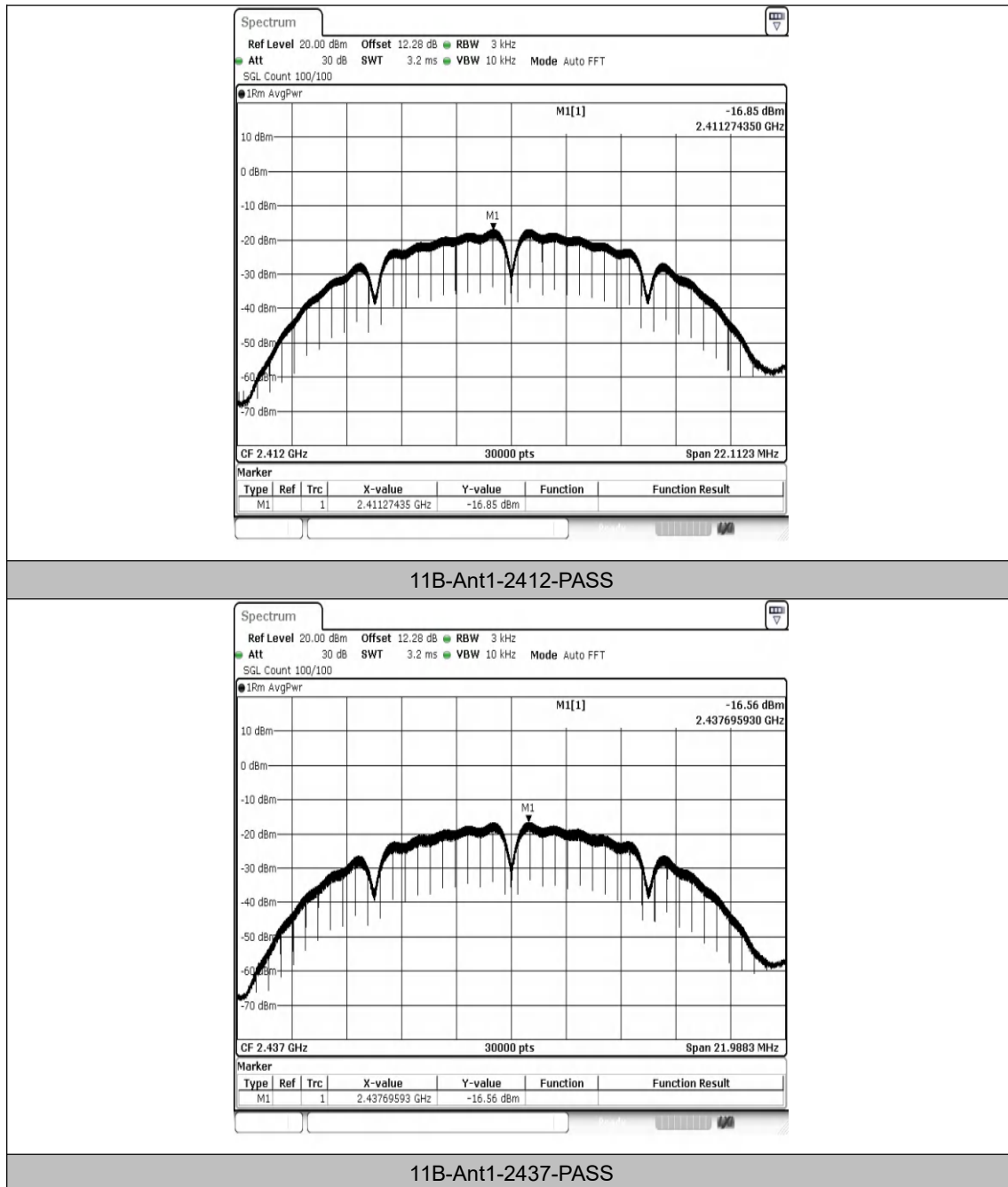
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm /3kHz]	DC Factor [dB]	Result[dBm /3kHz]	Limit[dBm /3kHz]	Verdict
11B	Ant1	2412	-16.85	0.00	-16.85	≤8.00	PASS
11B	Ant1	2437	-16.56	0.00	-16.56	≤8.00	PASS
11B	Ant1	2462	-16.49	0.00	-16.49	≤8.00	PASS
11G	Ant1	2412	-20.39	0.00	-20.39	≤8.00	PASS
11G	Ant1	2437	-20.92	0.00	-20.92	≤8.00	PASS
11G	Ant1	2462	-20.34	0.00	-20.34	≤8.00	PASS
11N20SI SO	Ant1	2412	-23.47	0.00	-23.47	≤8.00	PASS
11N20SI SO	Ant1	2437	-23.48	0.00	-23.48	≤8.00	PASS
11N20SI SO	Ant1	2462	-23.3	0.00	-23.30	≤8.00	PASS

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

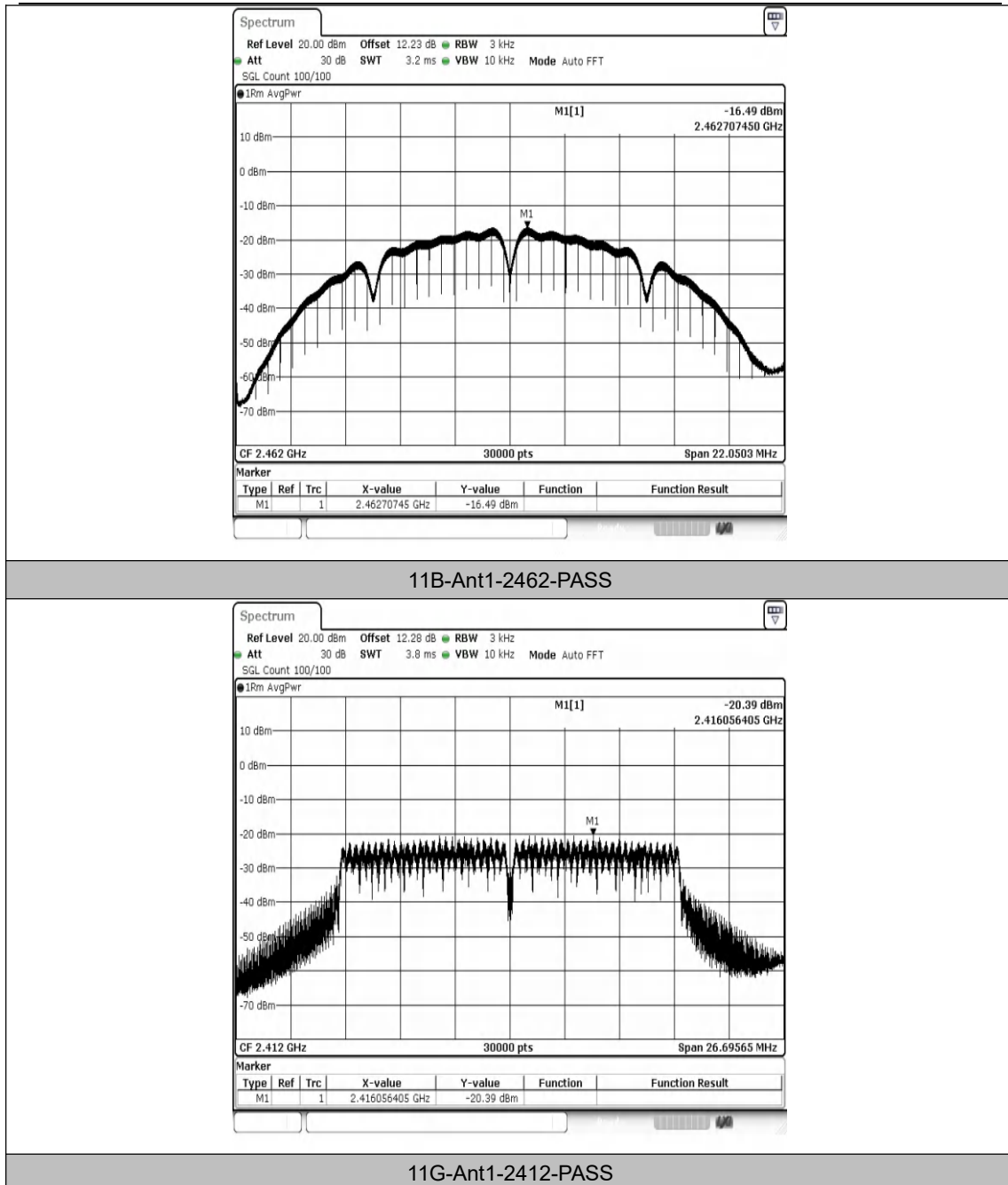
Test Graphs

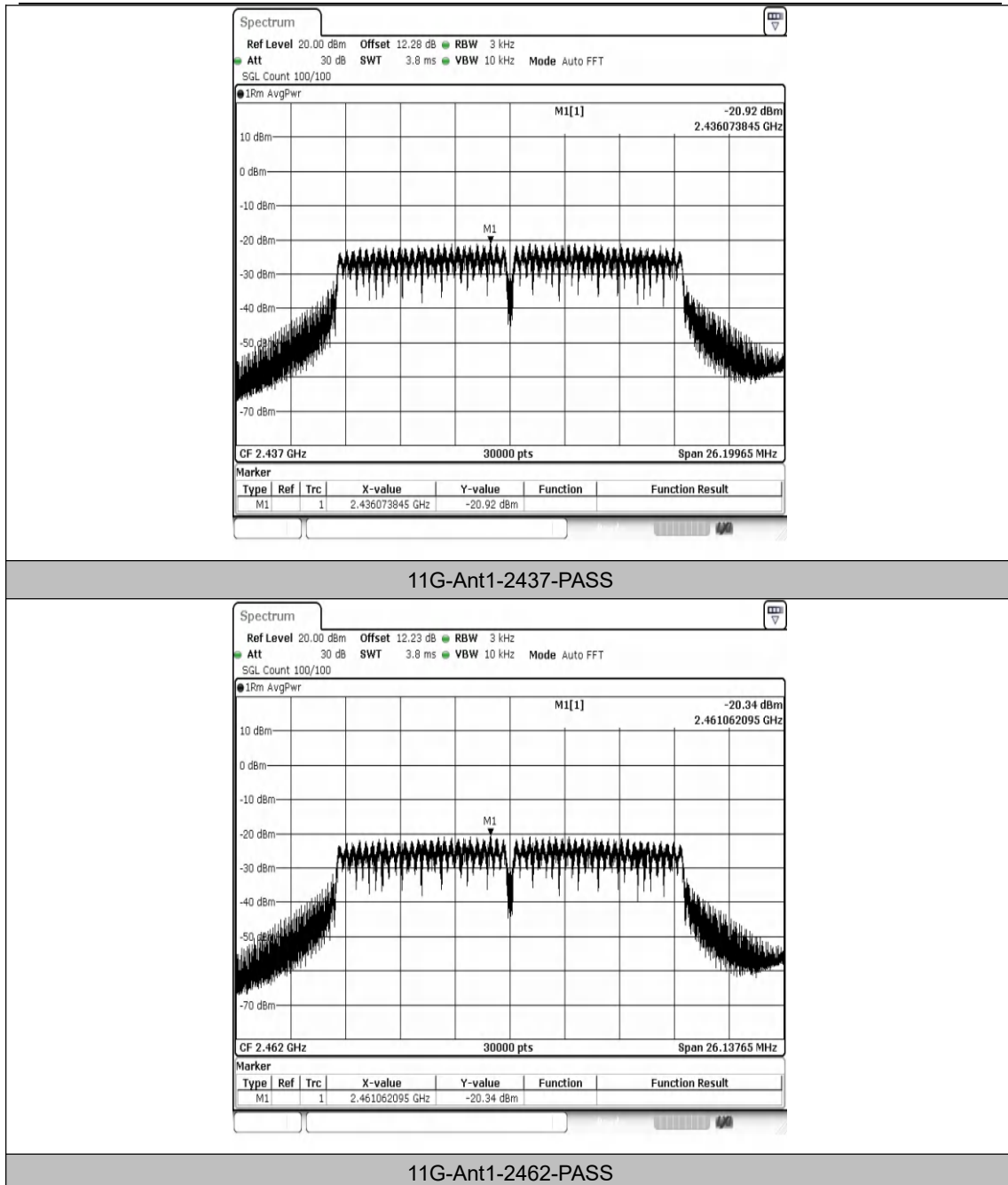


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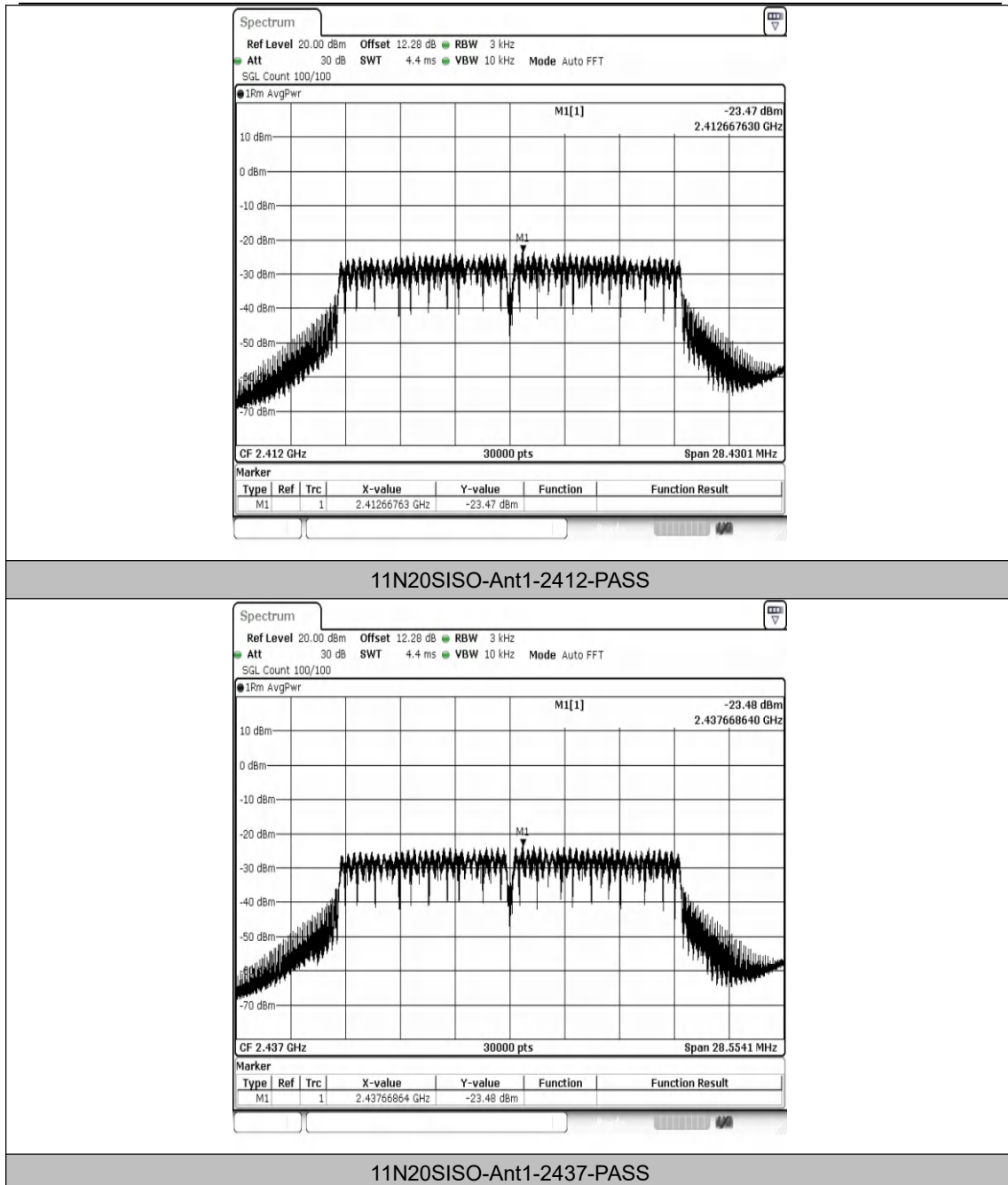


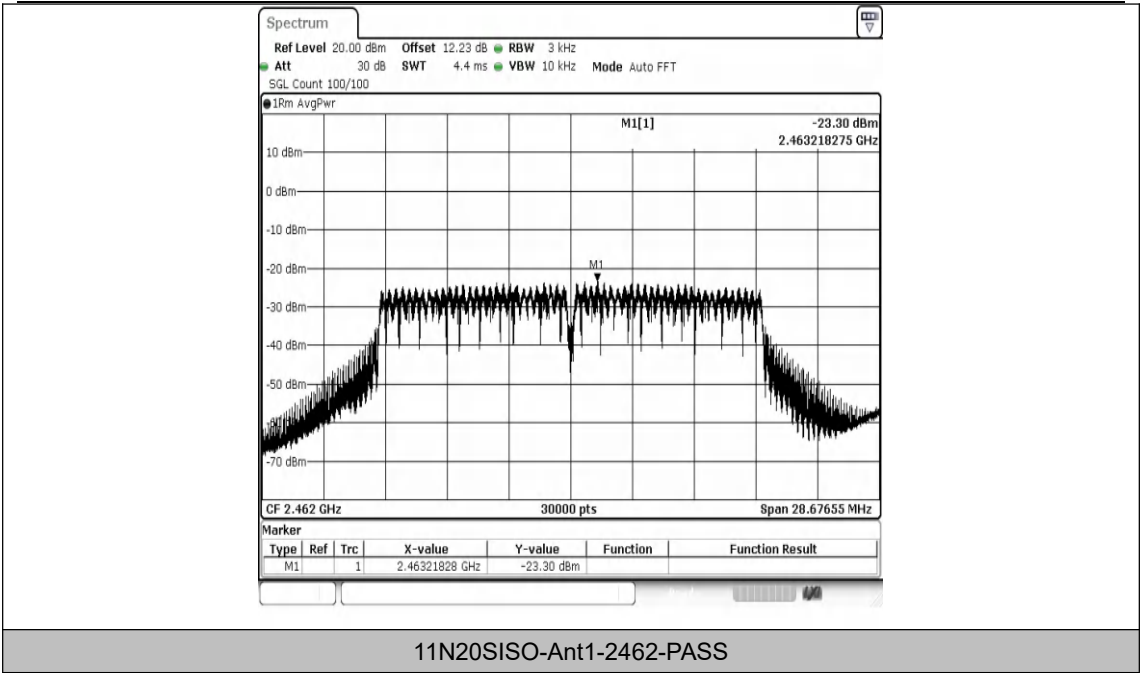


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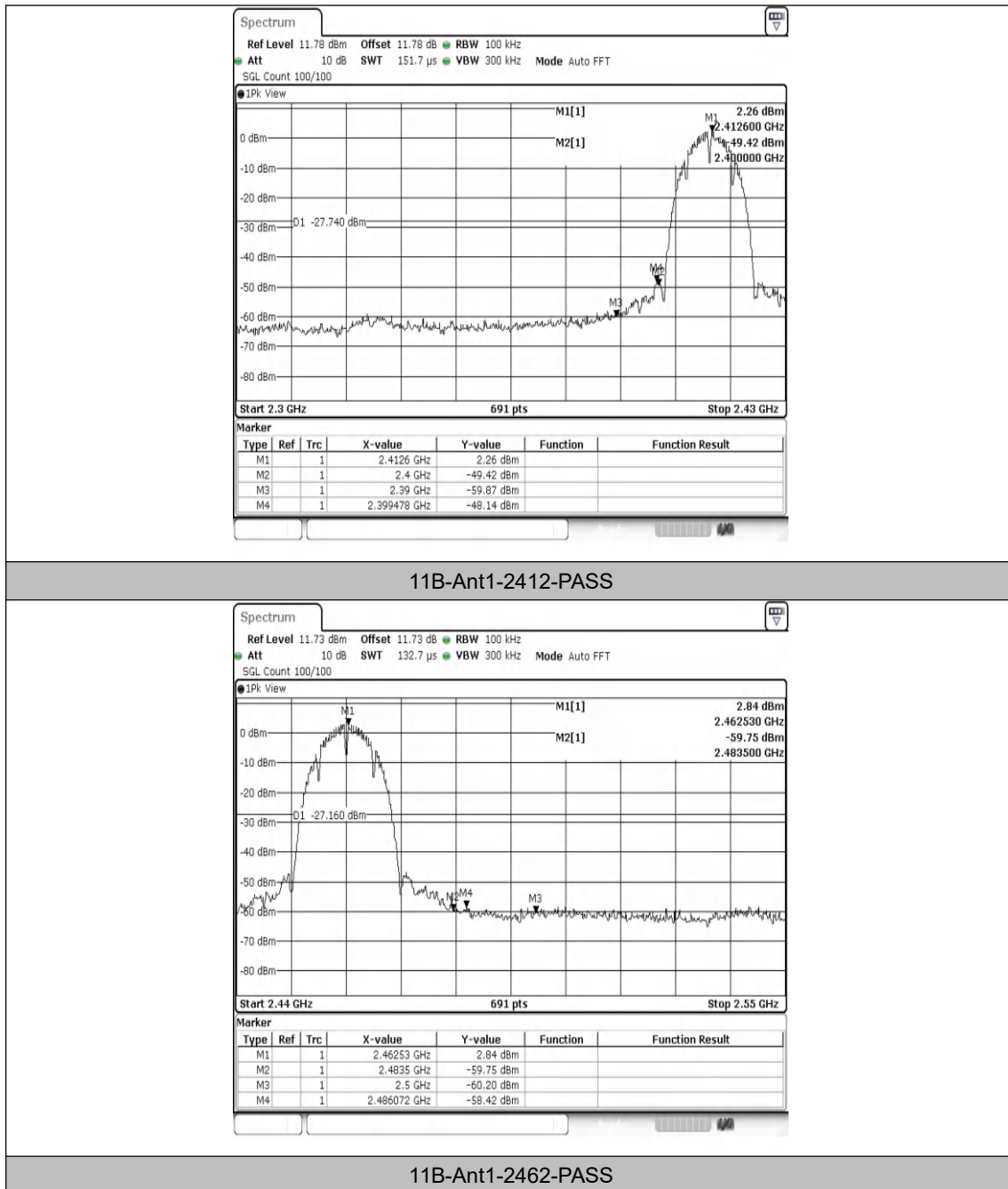
Appendix E: Conducted Band edge

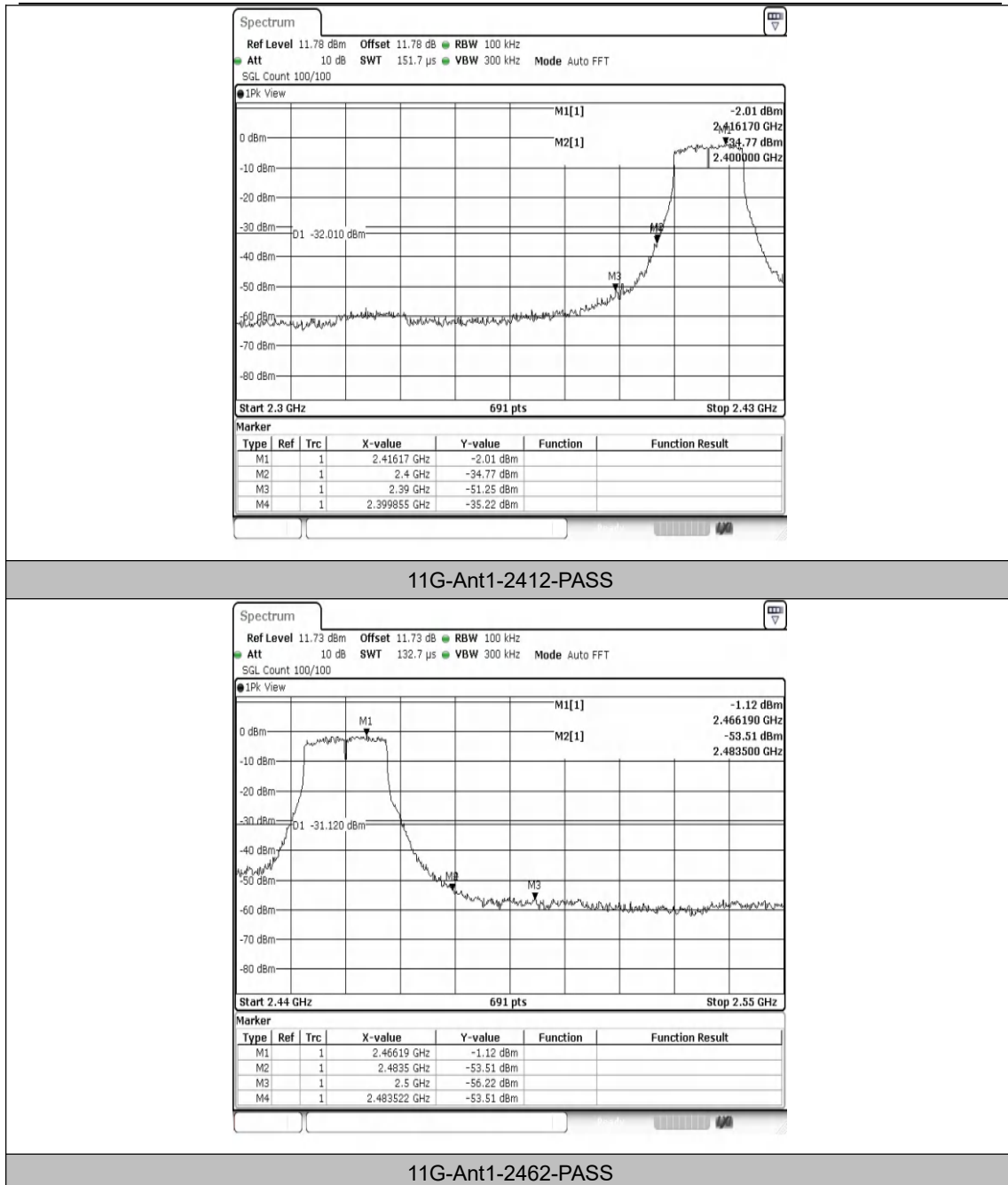
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.26	-48.14	≤-27.74	PASS
11B	Ant1	High	2462	2.84	-58.42	≤-27.16	PASS
11G	Ant1	Low	2412	-2.01	-35.22	≤-32.01	PASS
11G	Ant1	High	2462	-1.12	-53.51	≤-31.12	PASS
11N20SISO	Ant1	Low	2412	-2.19	-35.04	≤-32.19	PASS
11N20SISO	Ant1	High	2462	-2.12	-51.17	≤-32.12	PASS



Test Graphs

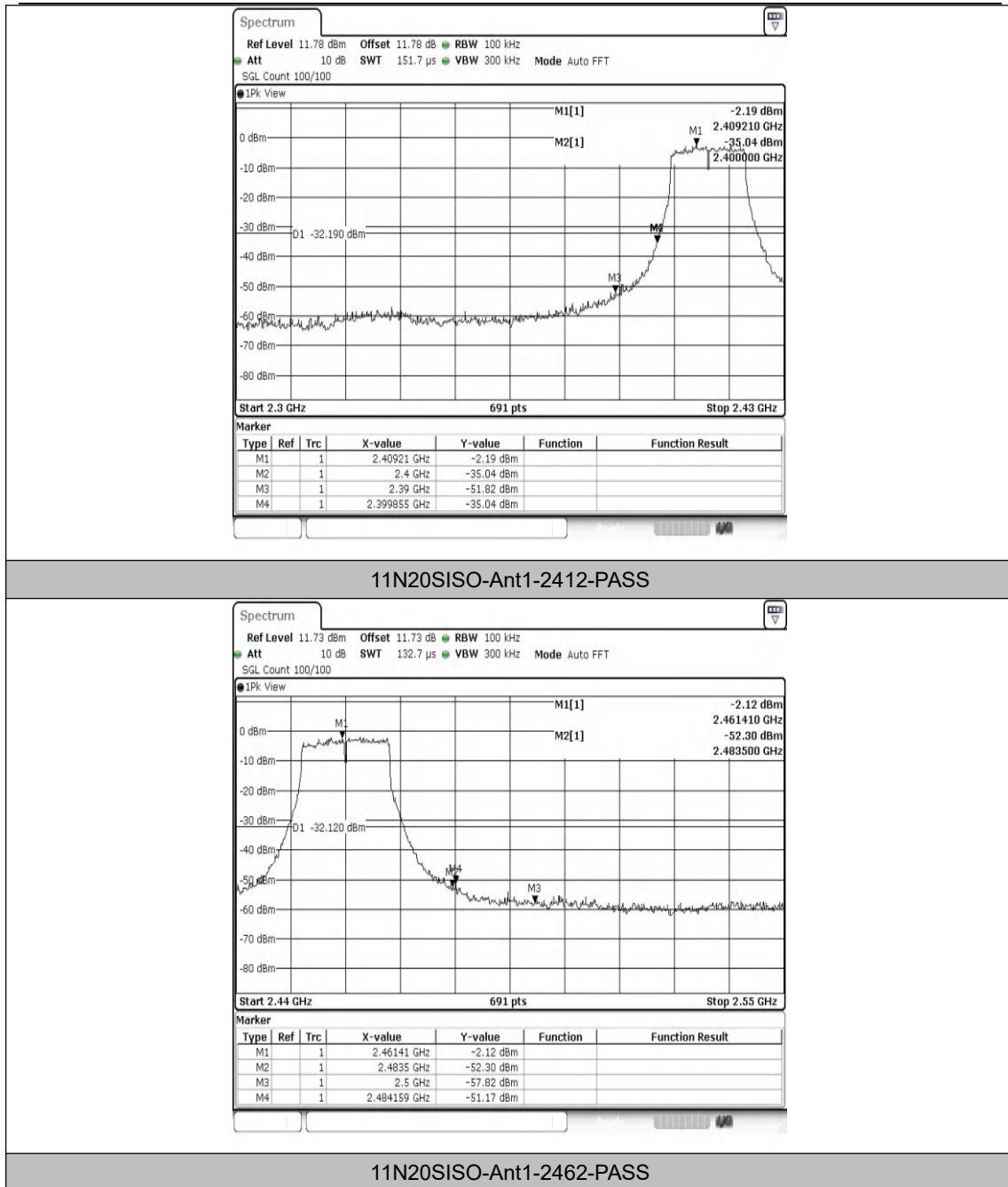




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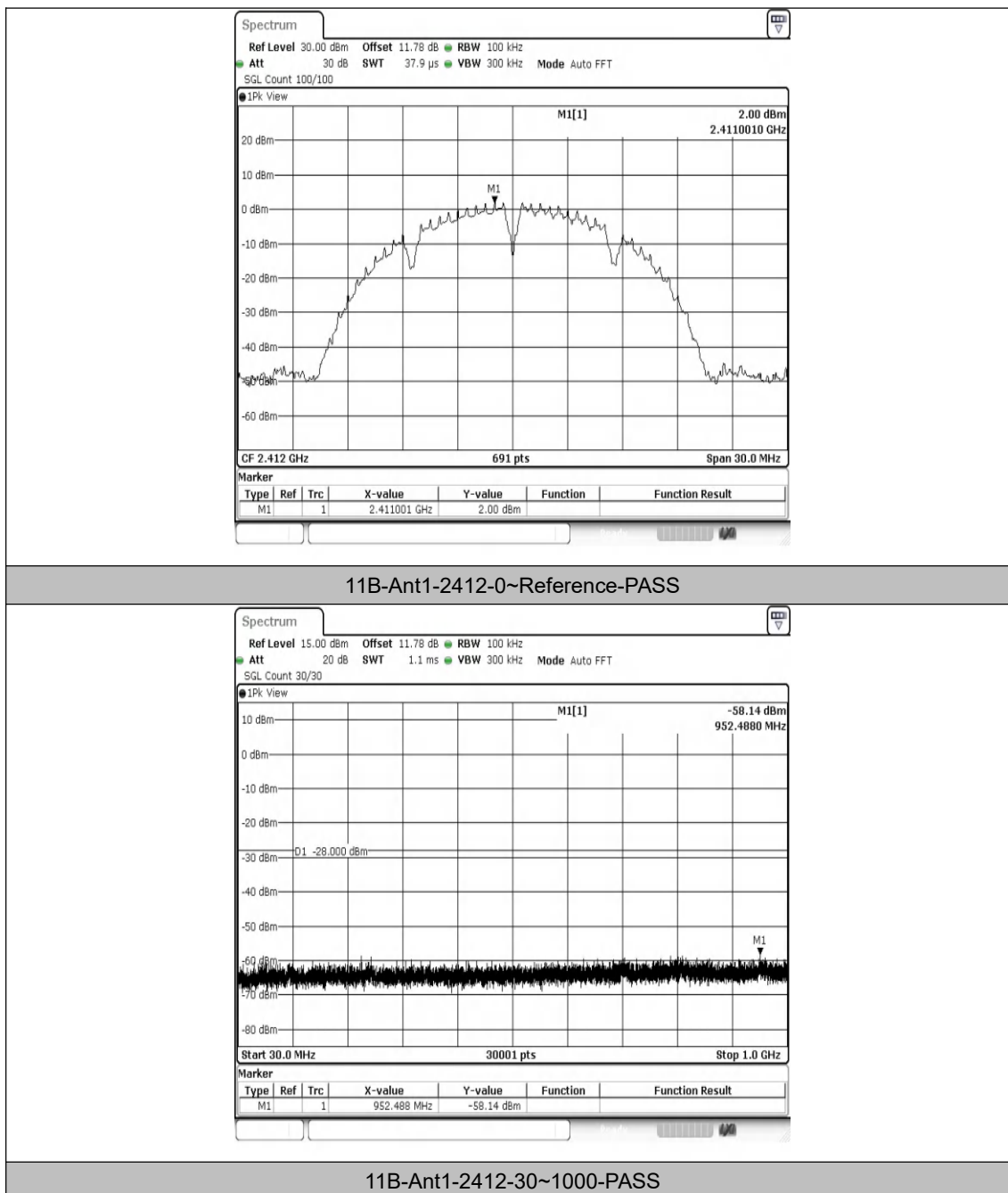
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.00	2.00	---	PASS
11B	Ant1	2412	30~1000	2.00	-58.14	≤-28	PASS
11B	Ant1	2412	1000~26500	2.00	-43.56	≤-28	PASS
11B	Ant1	2437	0~Reference	2.78	2.78	---	PASS
11B	Ant1	2437	30~1000	2.78	-57.79	≤-27.22	PASS
11B	Ant1	2437	1000~26500	2.78	-44.07	≤-27.22	PASS
11B	Ant1	2462	0~Reference	2.59	2.59	---	PASS
11B	Ant1	2462	30~1000	2.59	-58.38	≤-27.41	PASS
11B	Ant1	2462	1000~26500	2.59	-43.59	≤-27.41	PASS
11G	Ant1	2412	0~Reference	-2.02	-2.02	---	PASS
11G	Ant1	2412	30~1000	-2.02	-57.05	≤-32.02	PASS
11G	Ant1	2412	1000~26500	-2.02	-43.59	≤-32.02	PASS
11G	Ant1	2437	0~Reference	-1.27	-1.27	---	PASS
11G	Ant1	2437	30~1000	-1.27	-57.49	≤-31.27	PASS
11G	Ant1	2437	1000~26500	-1.27	-43.43	≤-31.27	PASS
11G	Ant1	2462	0~Reference	-1.25	-1.25	---	PASS
11G	Ant1	2462	30~1000	-1.25	-58.32	≤-31.25	PASS
11G	Ant1	2462	1000~26500	-1.25	-44.07	≤-31.25	PASS
11N20SISO	Ant1	2412	0~Reference	-2.11	-2.11	---	PASS
11N20SISO	Ant1	2412	30~1000	-2.11	-58.03	≤-32.11	PASS
11N20SISO	Ant1	2412	1000~26500	-2.11	-44.24	≤-32.11	PASS
11N20SISO	Ant1	2437	0~Reference	-1.70	-1.70	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.70	-58.21	≤-31.7	PASS
11N20SISO	Ant1	2437	1000~26500	-1.70	-43.38	≤-31.7	PASS
11N20SISO	Ant1	2462	0~Reference	-1.47	-1.47	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.47	-57.98	≤-31.47	PASS
11N20SISO	Ant1	2462	1000~26500	-1.47	-42.95	≤-31.47	PASS



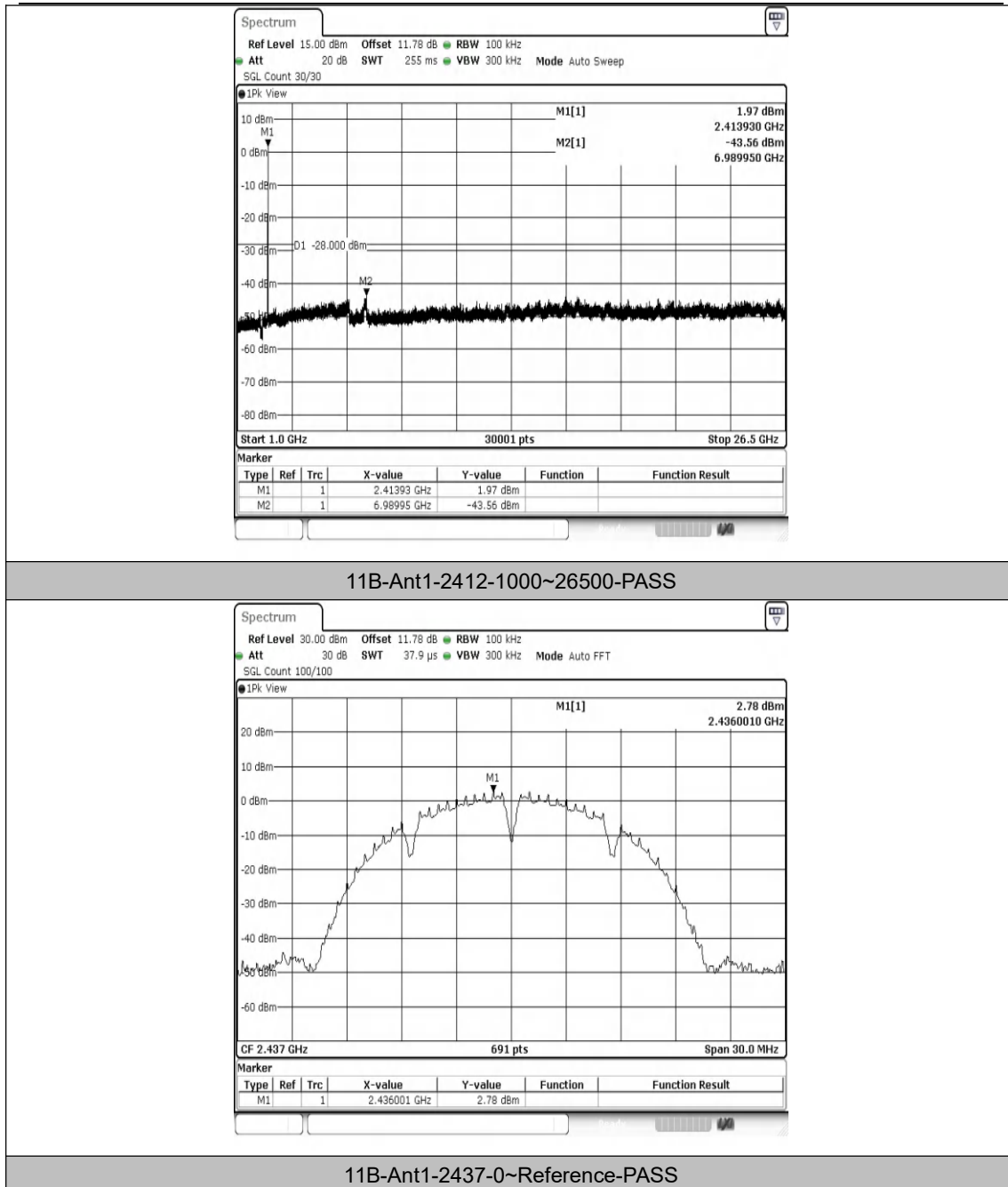
Test Graphs



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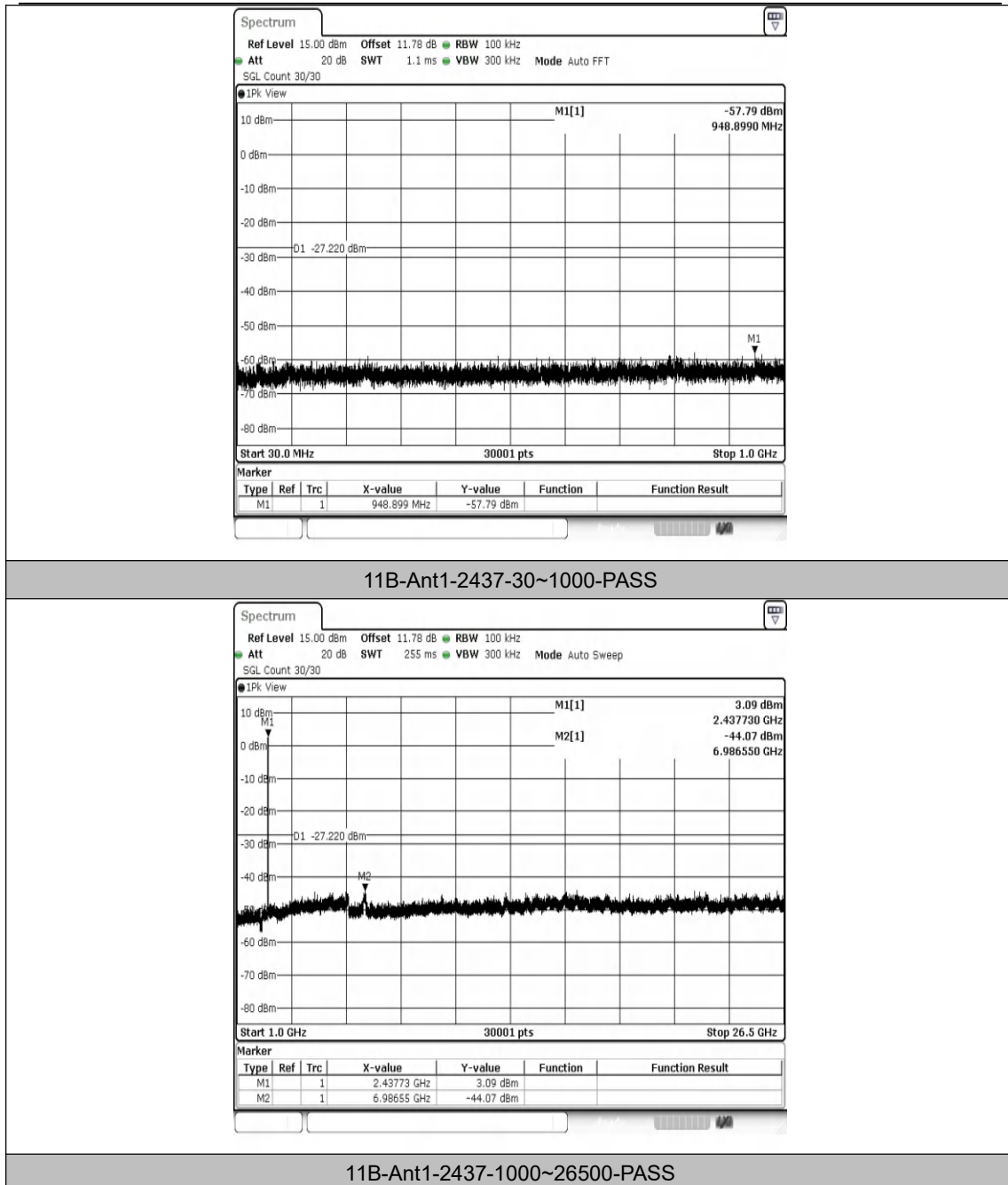
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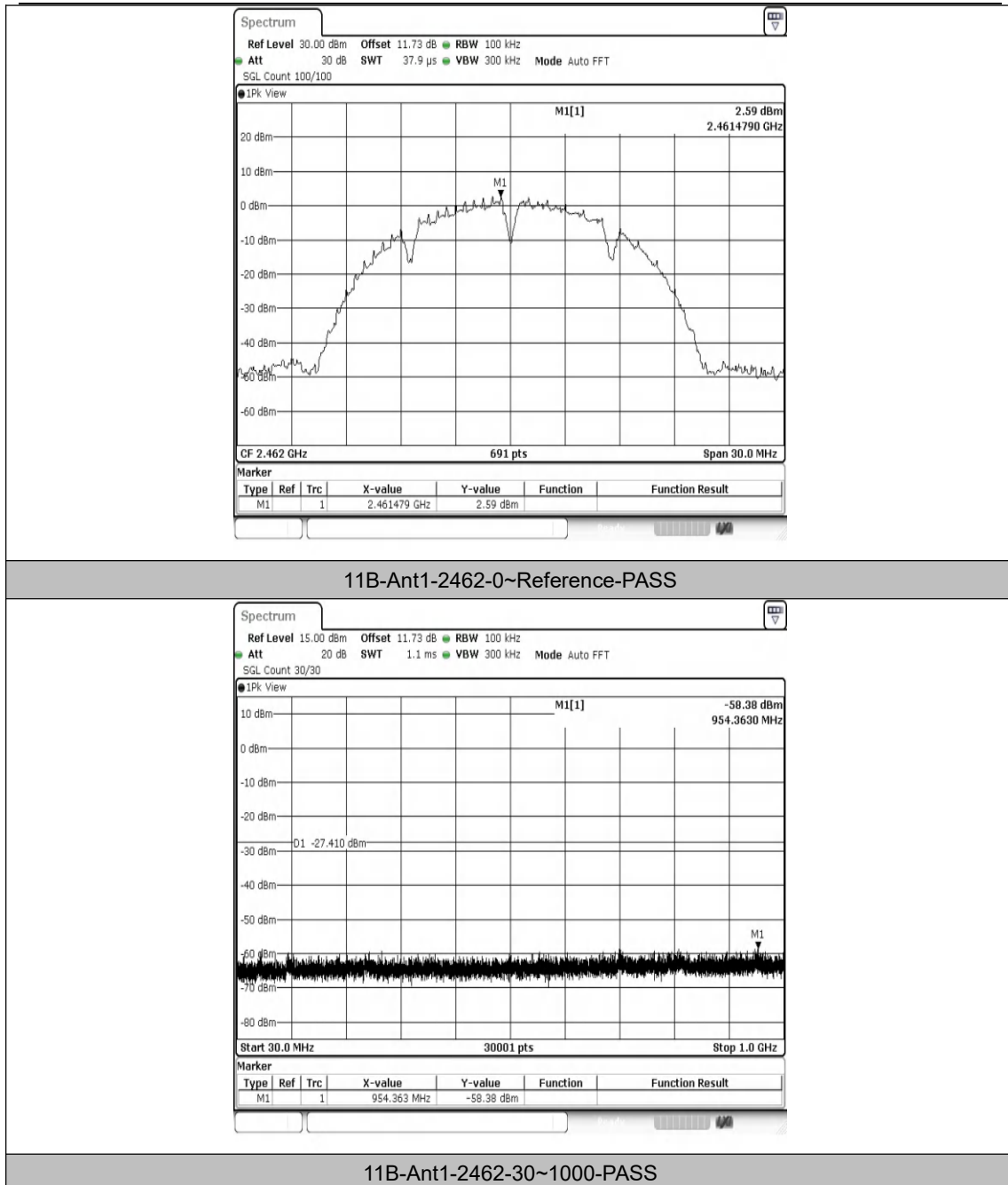
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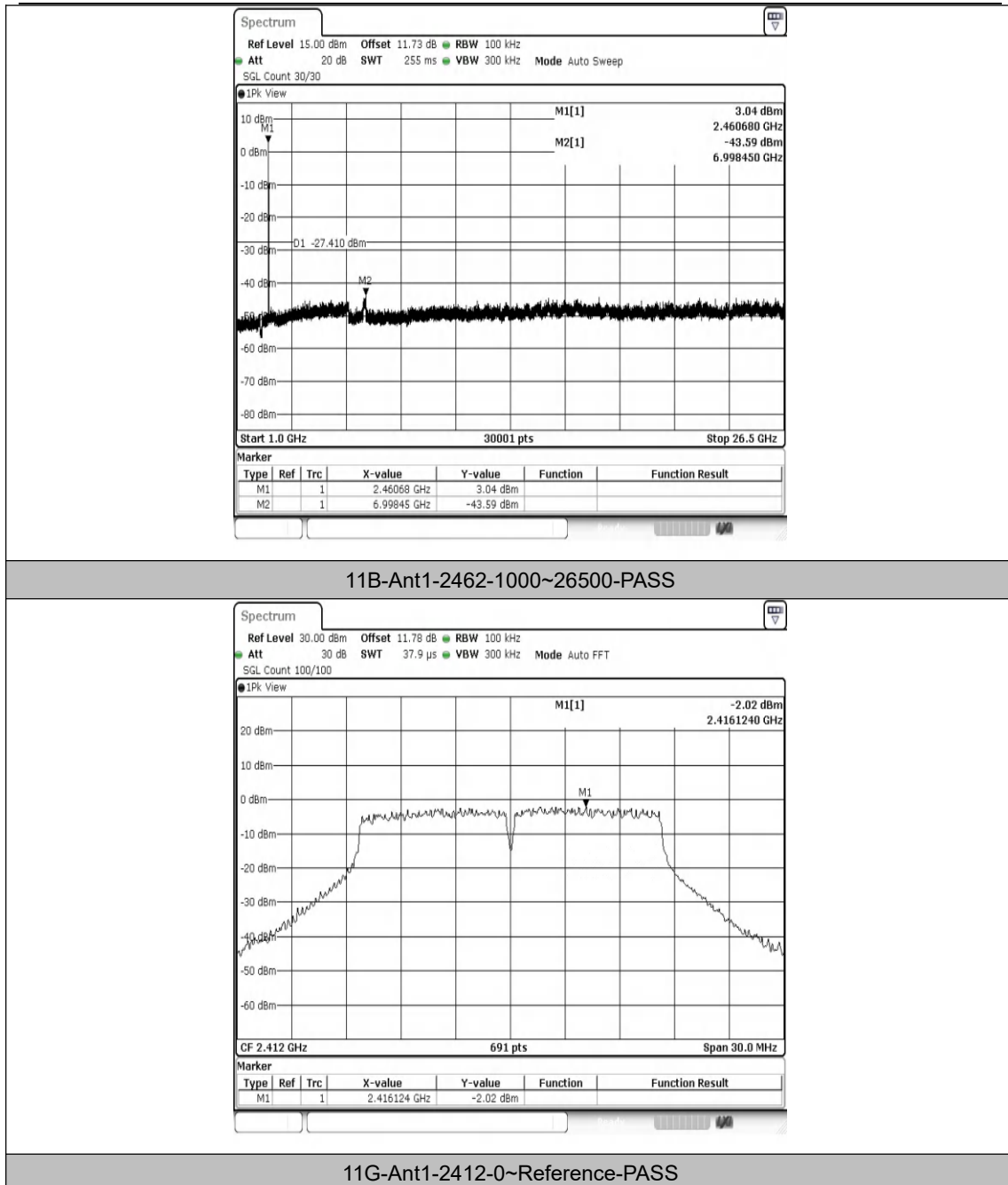


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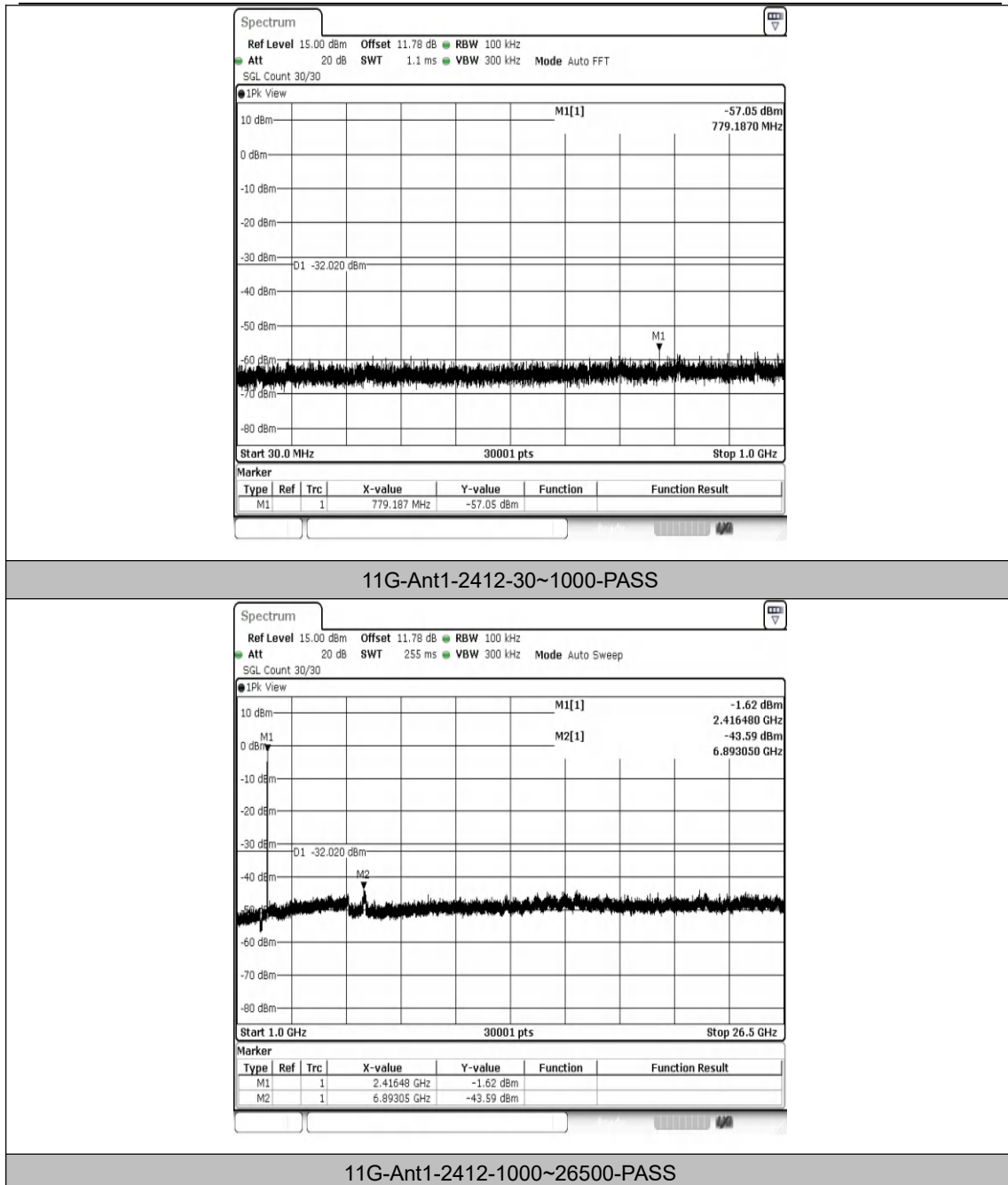




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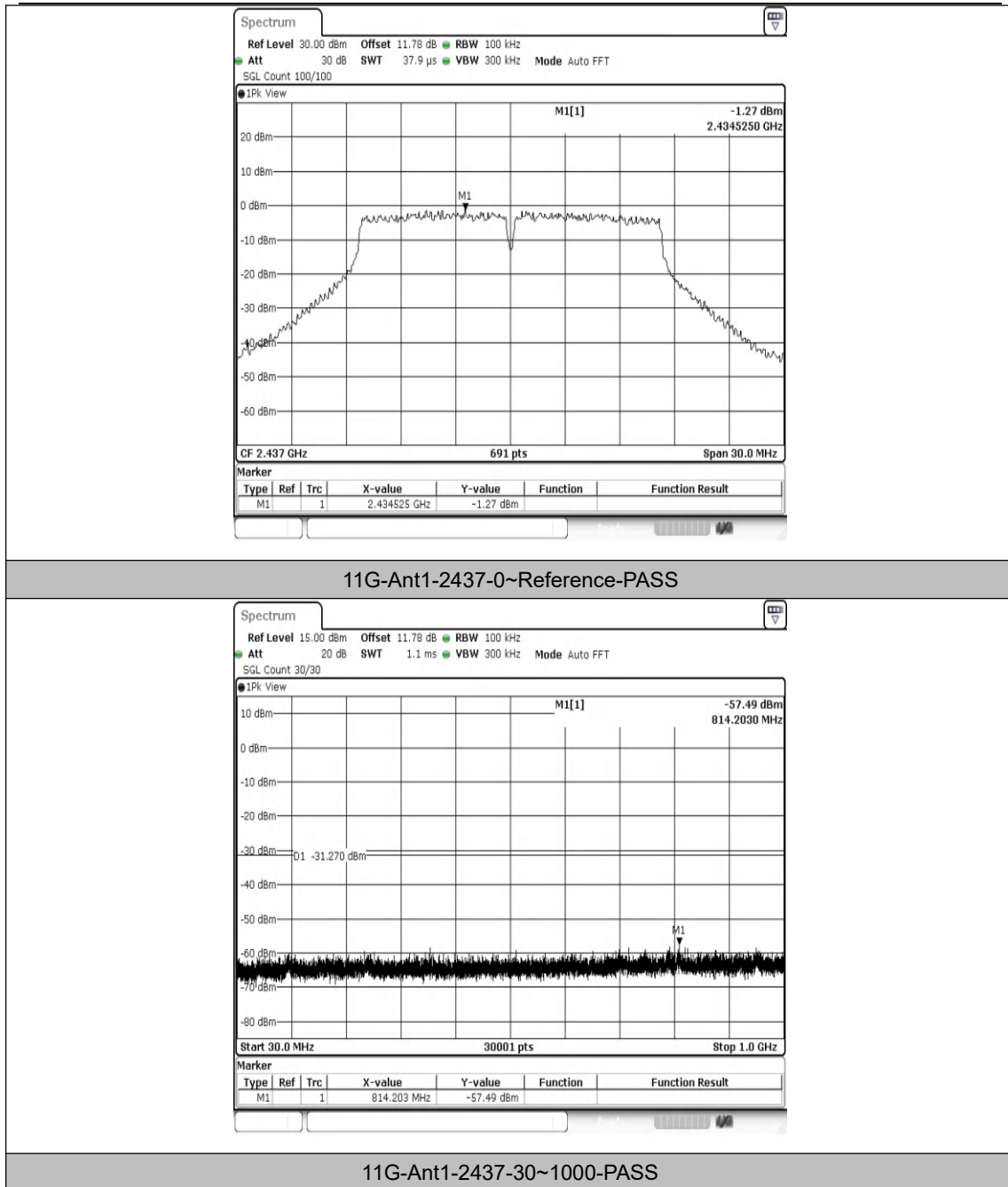
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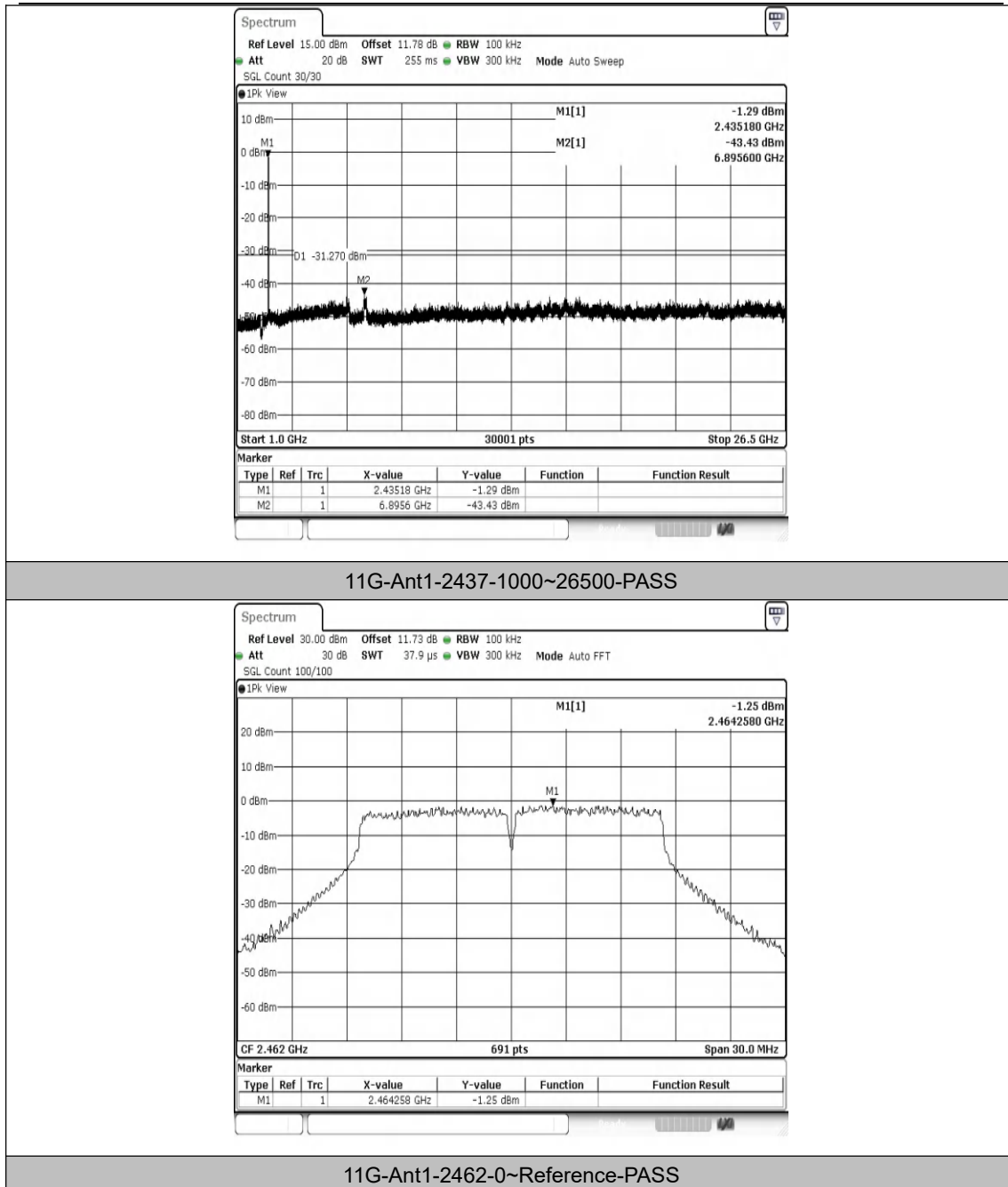
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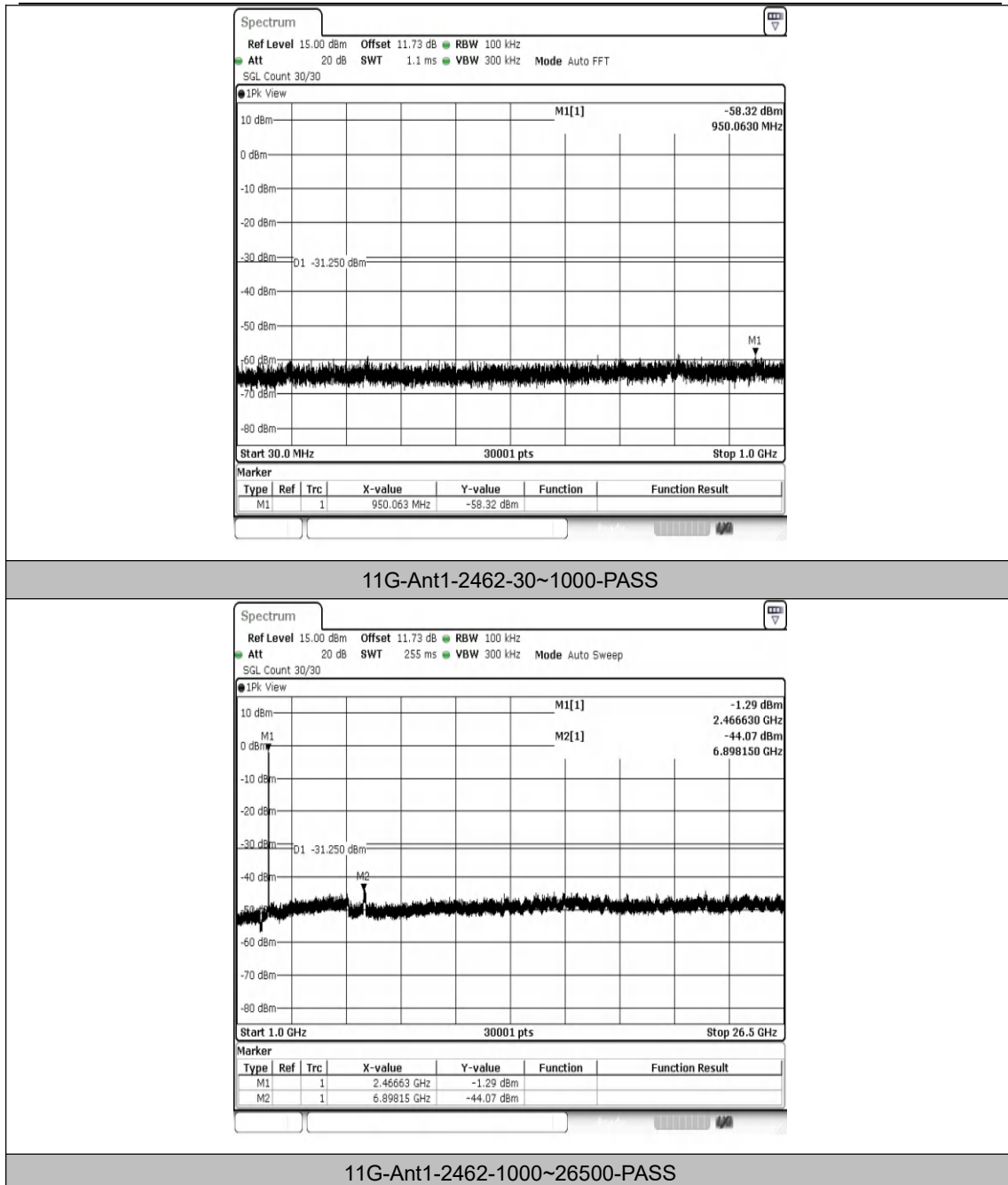


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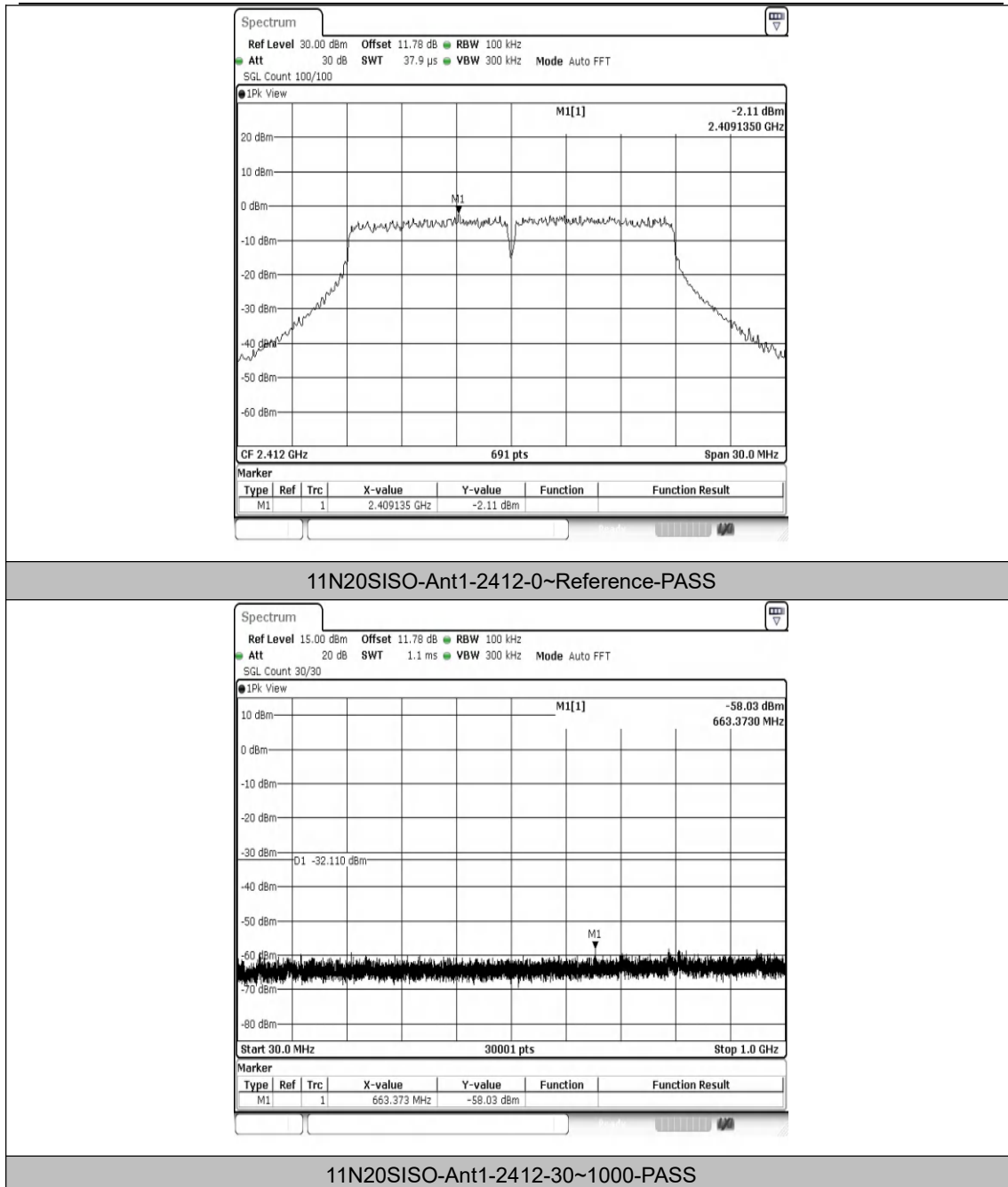




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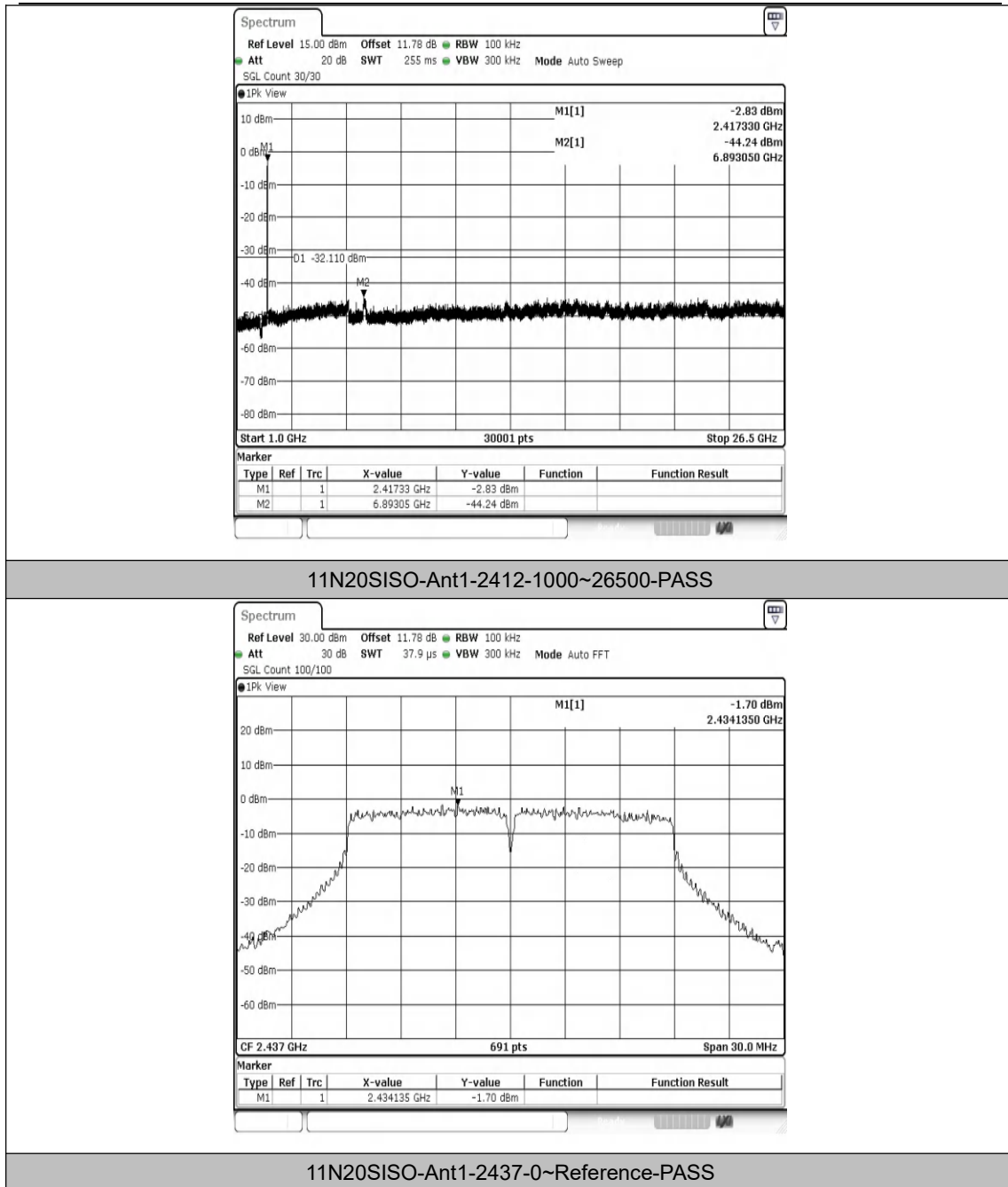
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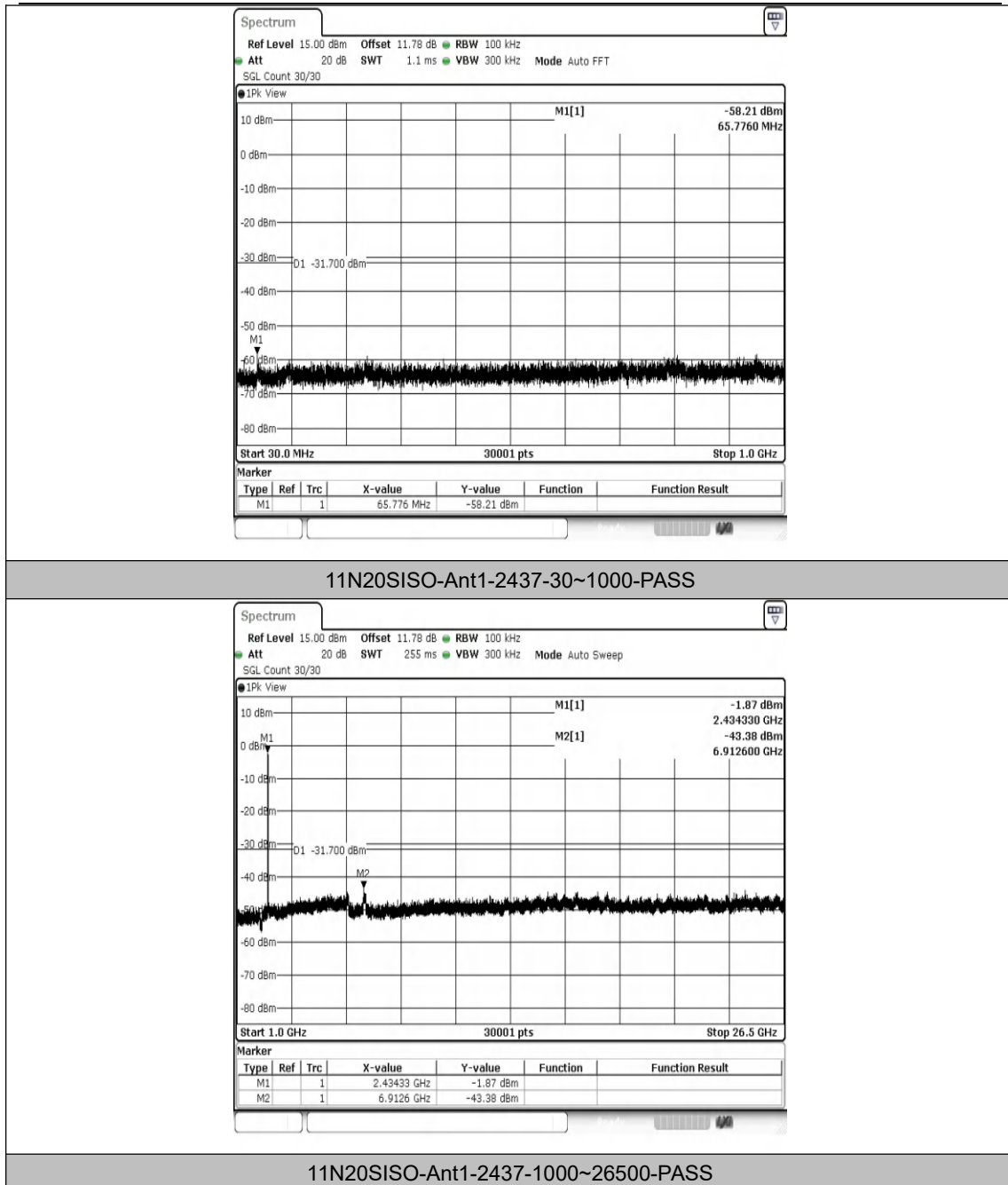
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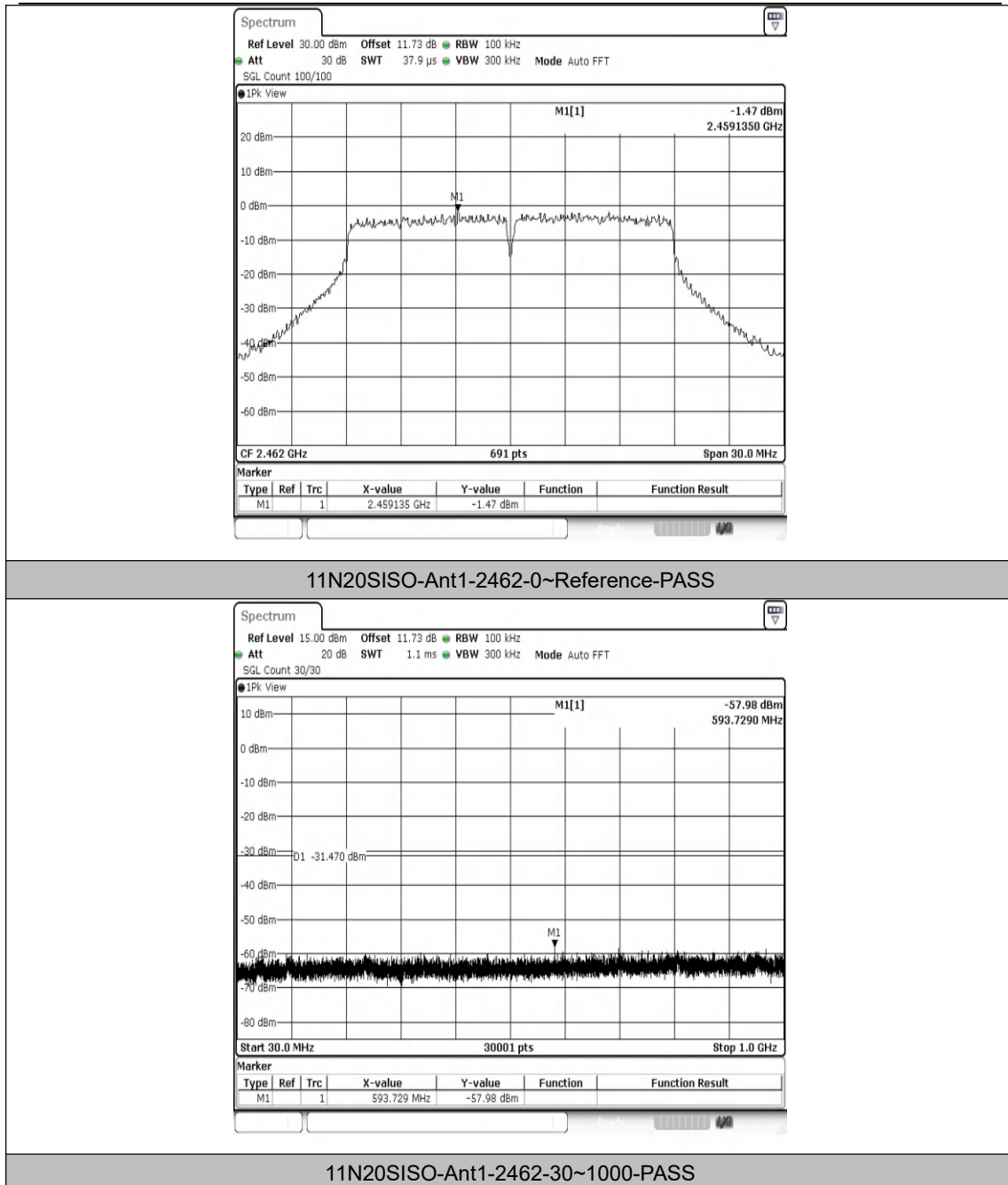
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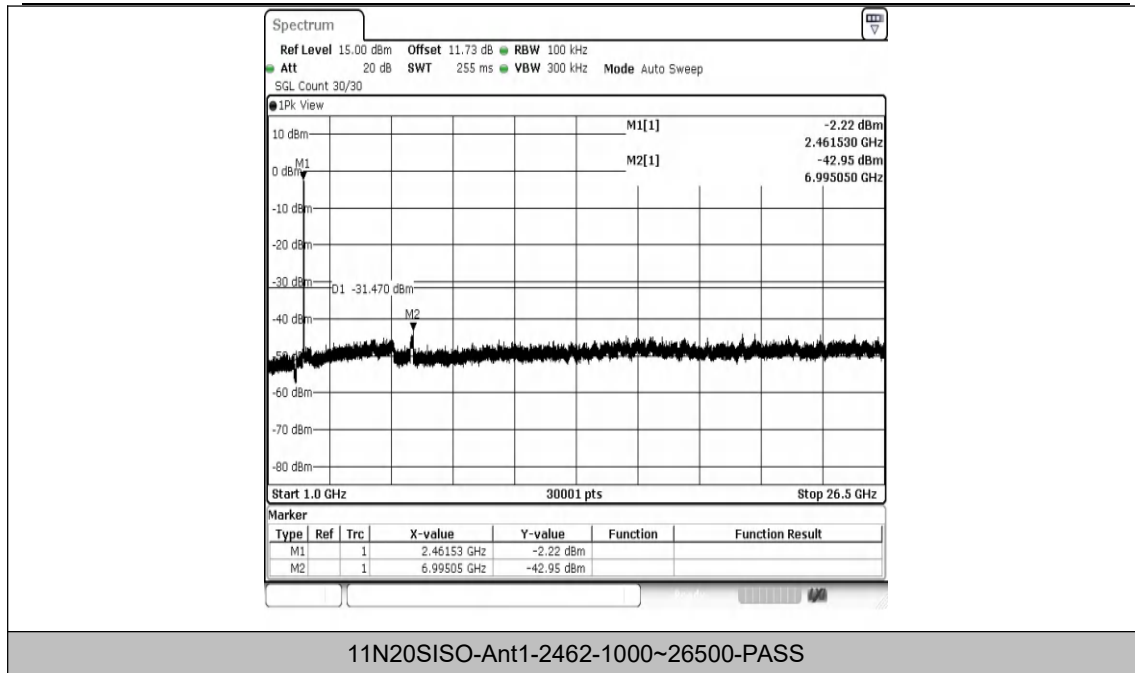
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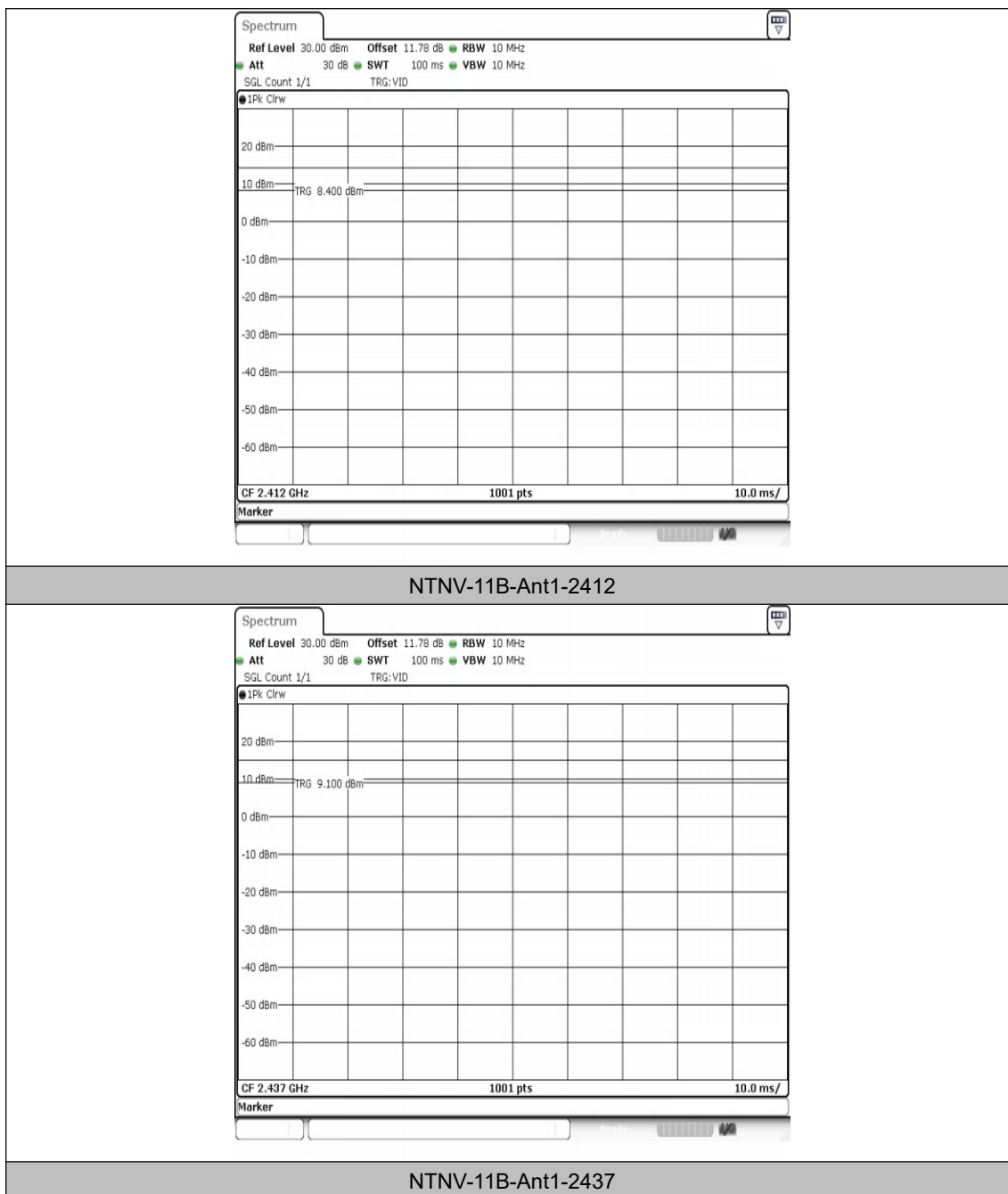
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor [dB]
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00



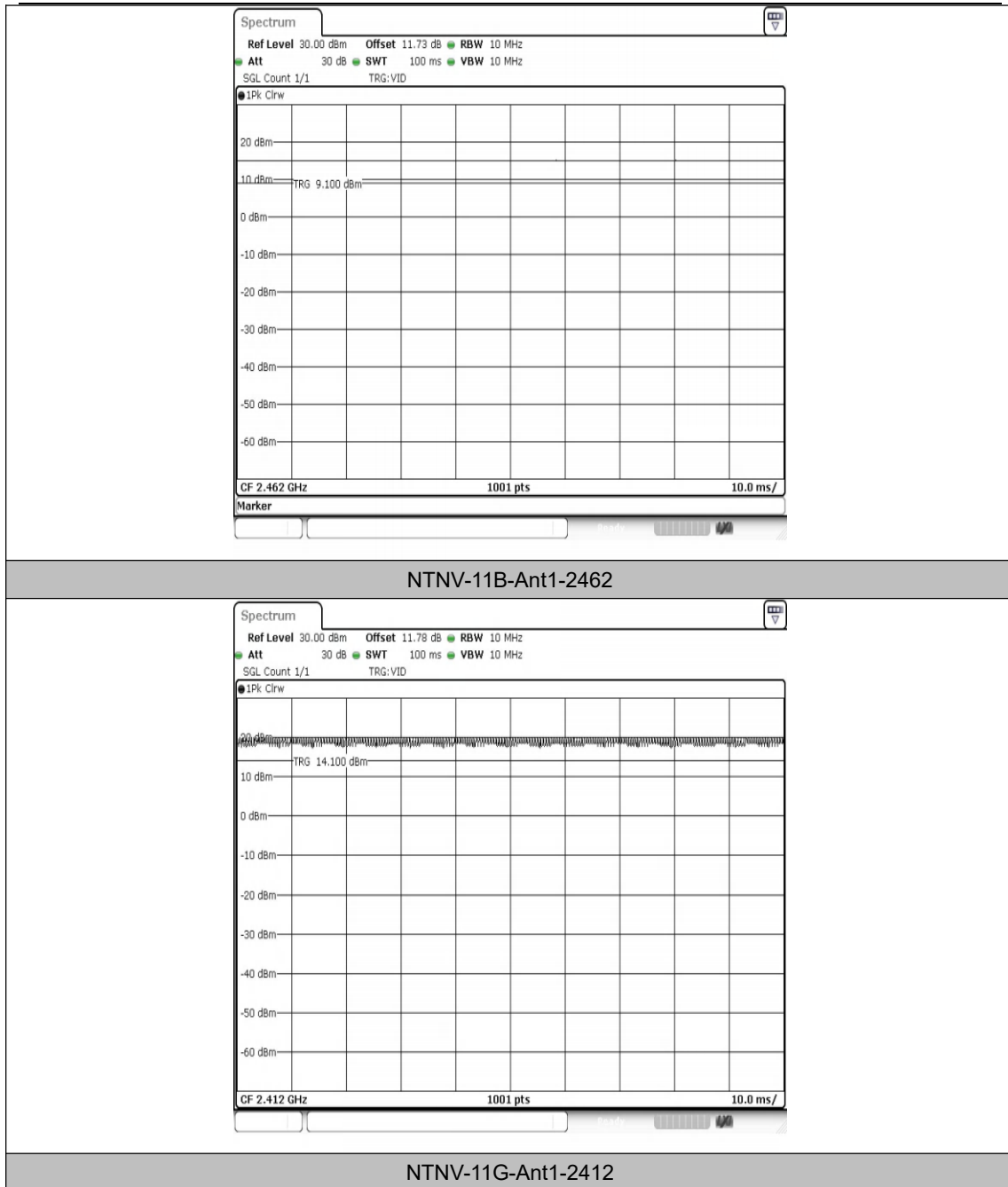
Test Graphs



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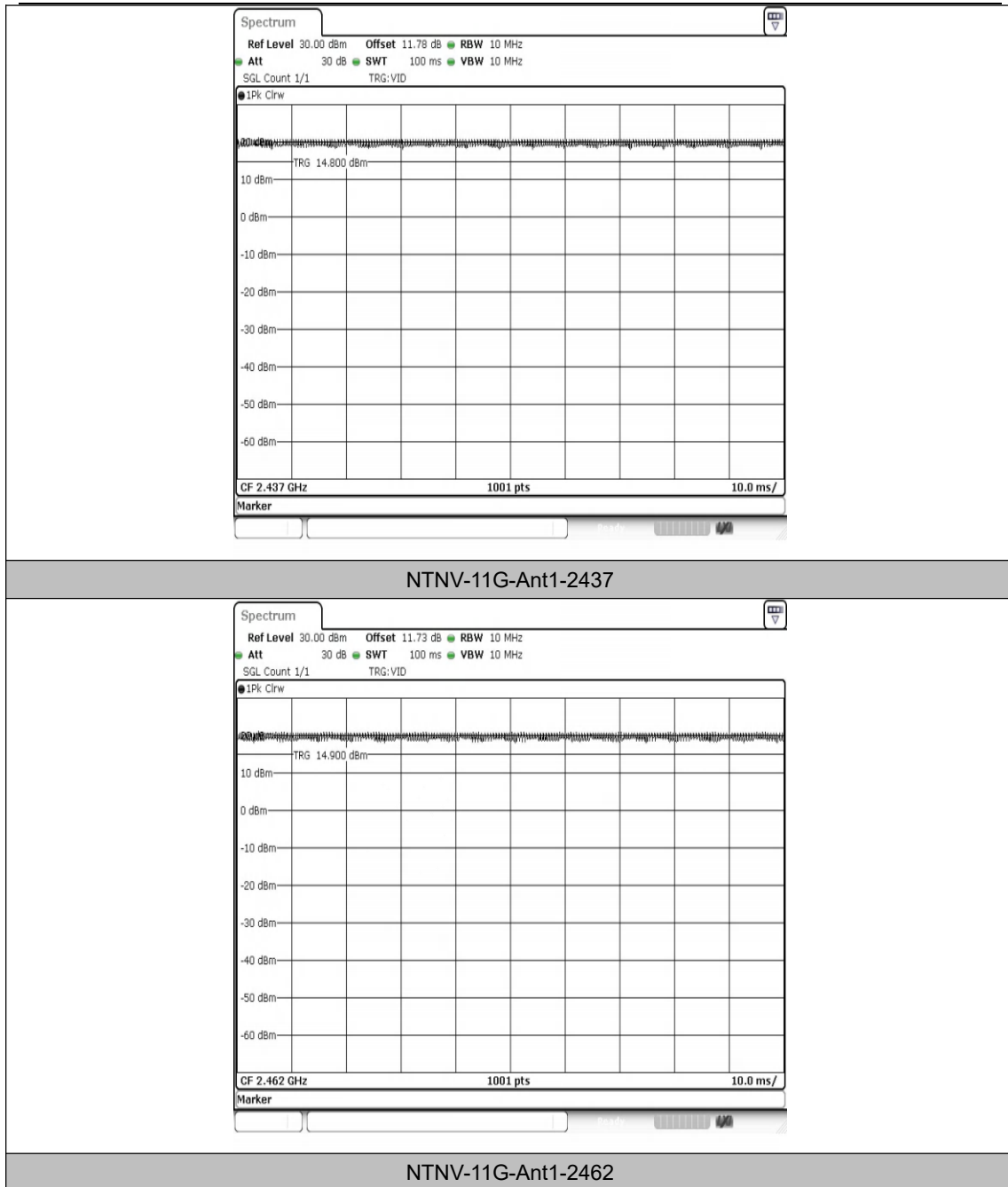
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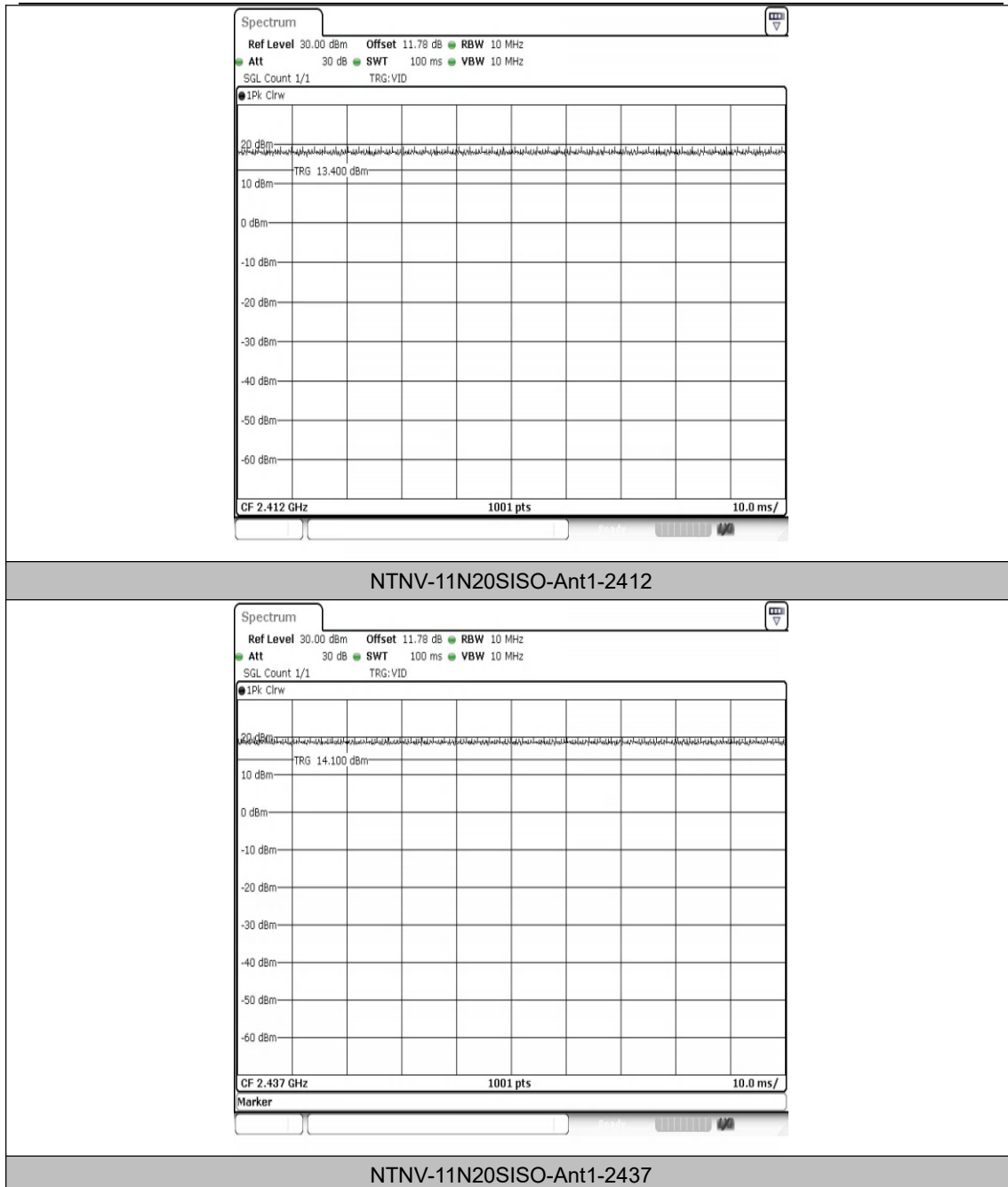
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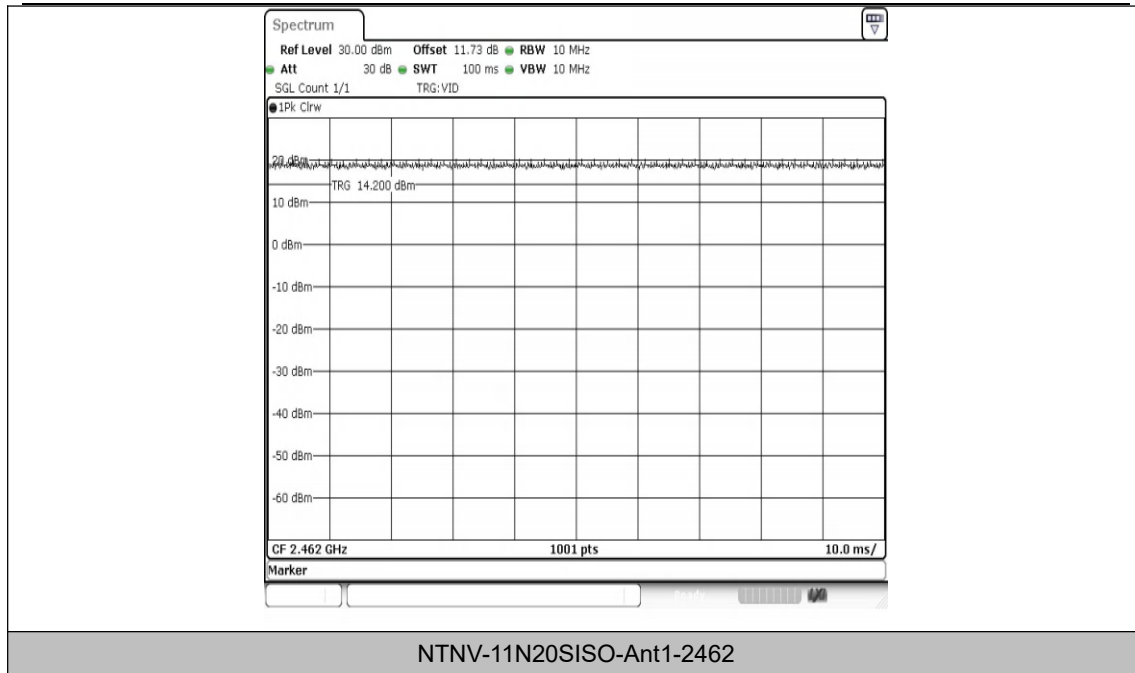
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