

Appendix Test Data

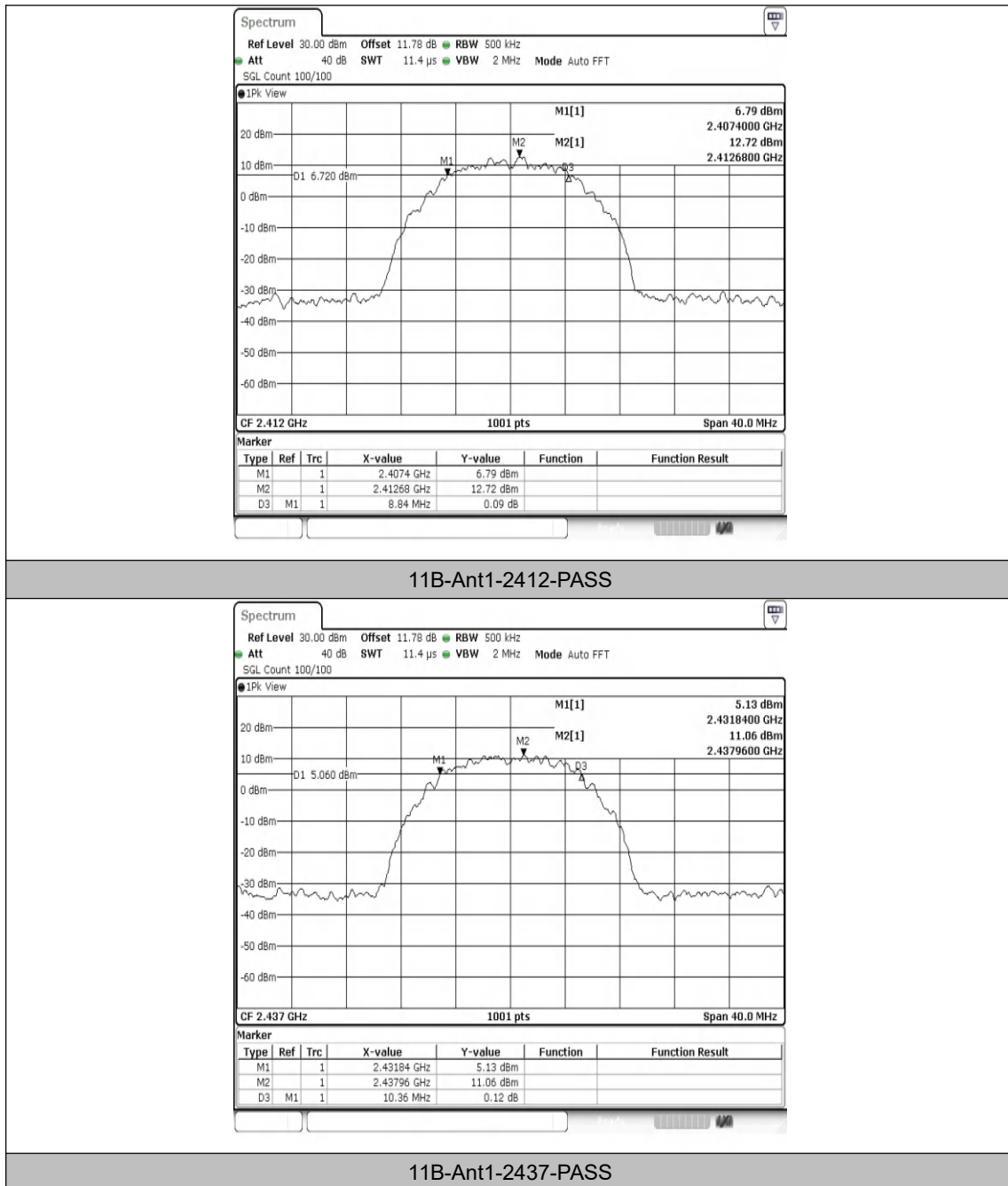
Report No.:	1812C40199712502	Test Sample No.:	1-2-2
Start Test Date:	2025.1.2	Finish Test Date:	2025.1.20
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	49%
Pressure:	101kPa		

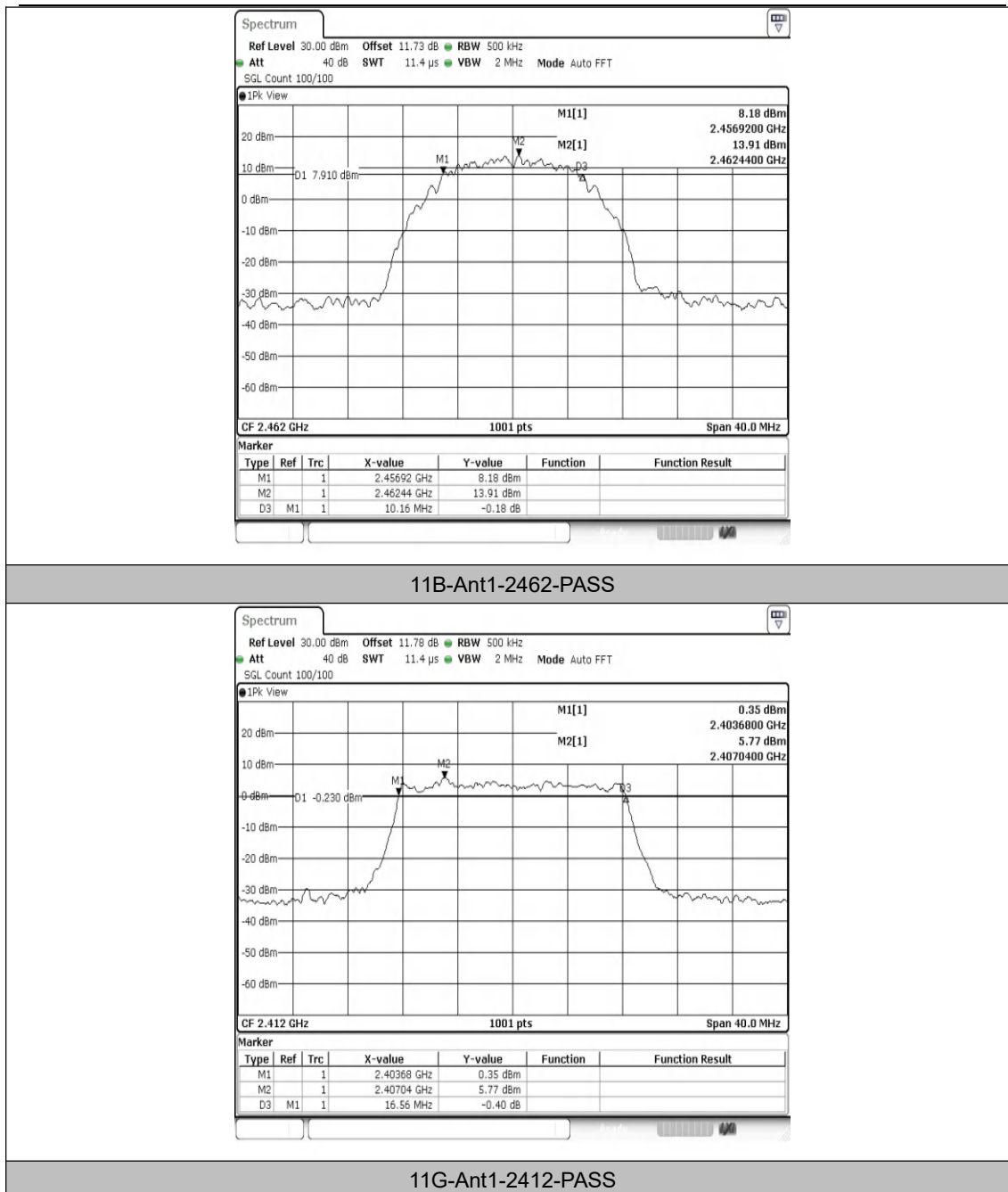
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.84	2407.40	2416.24	0.5	PASS
11B	Ant1	2437	10.36	2431.84	2442.20	0.5	PASS
11B	Ant1	2462	10.16	2456.92	2467.08	0.5	PASS
11G	Ant1	2412	16.56	2403.68	2420.24	0.5	PASS
11G	Ant1	2437	16.60	2428.68	2445.28	0.5	PASS
11G	Ant1	2462	16.36	2453.80	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.56	2403.20	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.36	2428.36	2445.72	0.5	PASS
11N20SISO	Ant1	2462	17.52	2453.24	2470.76	0.5	PASS

Test Graphs

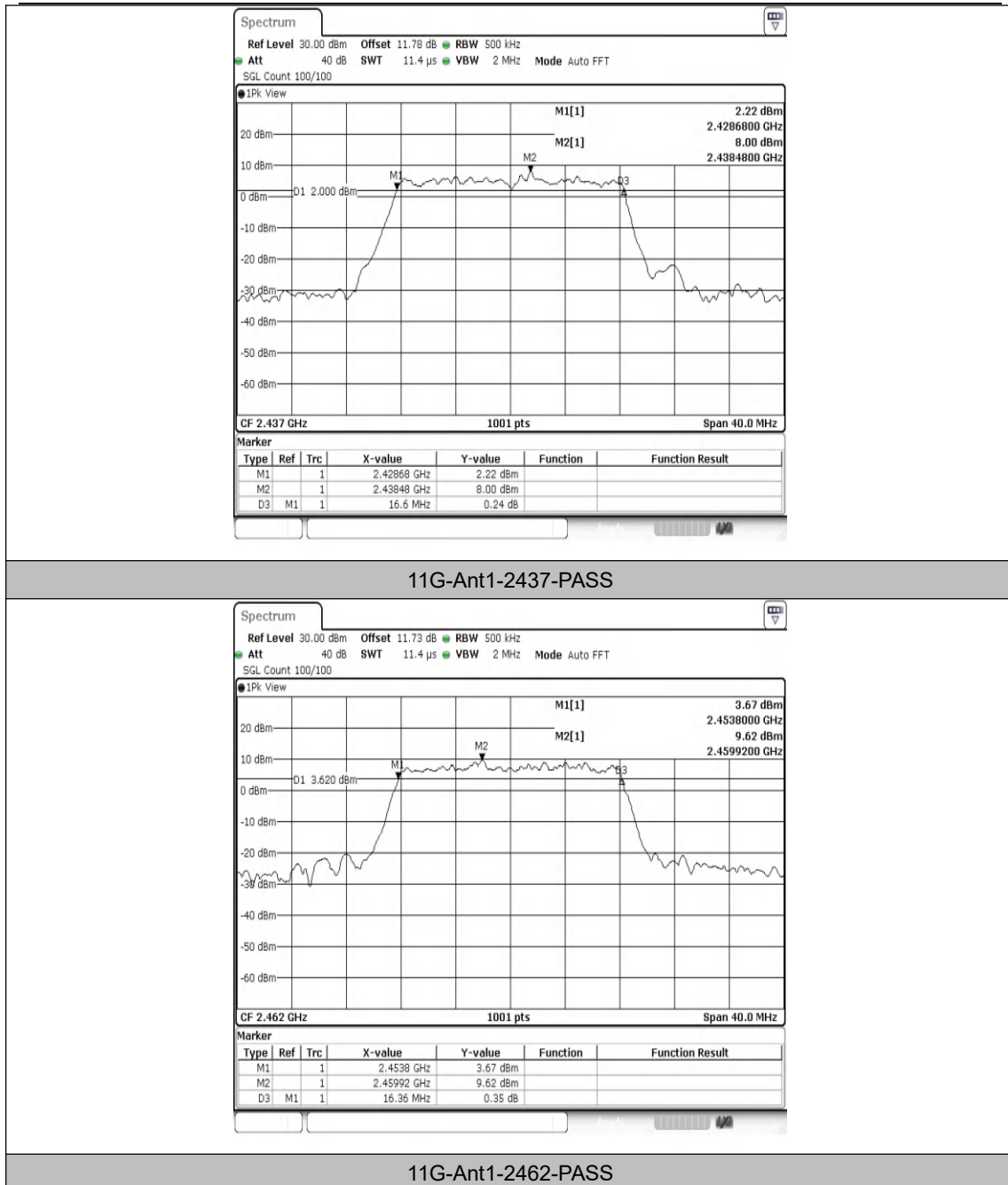


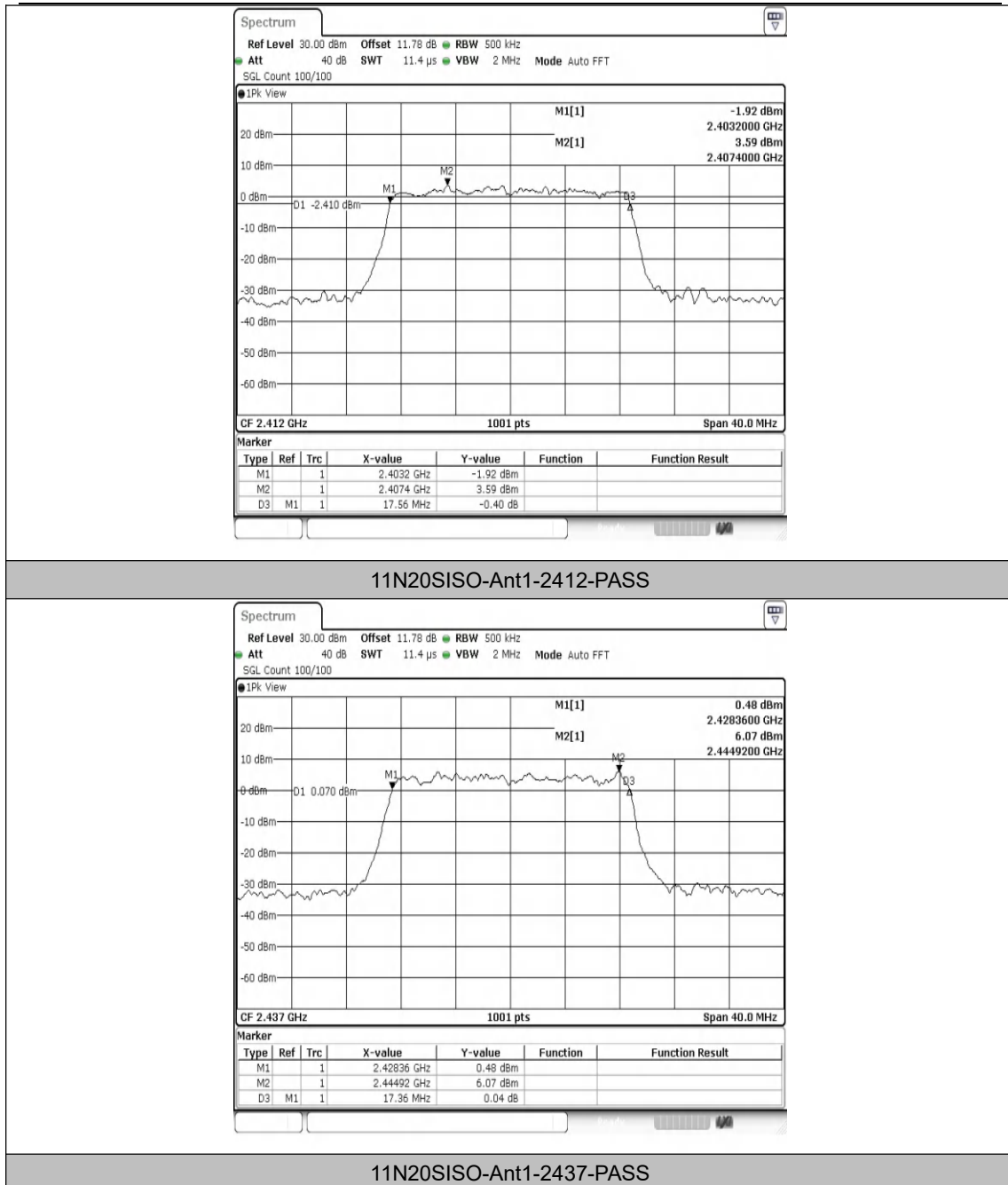


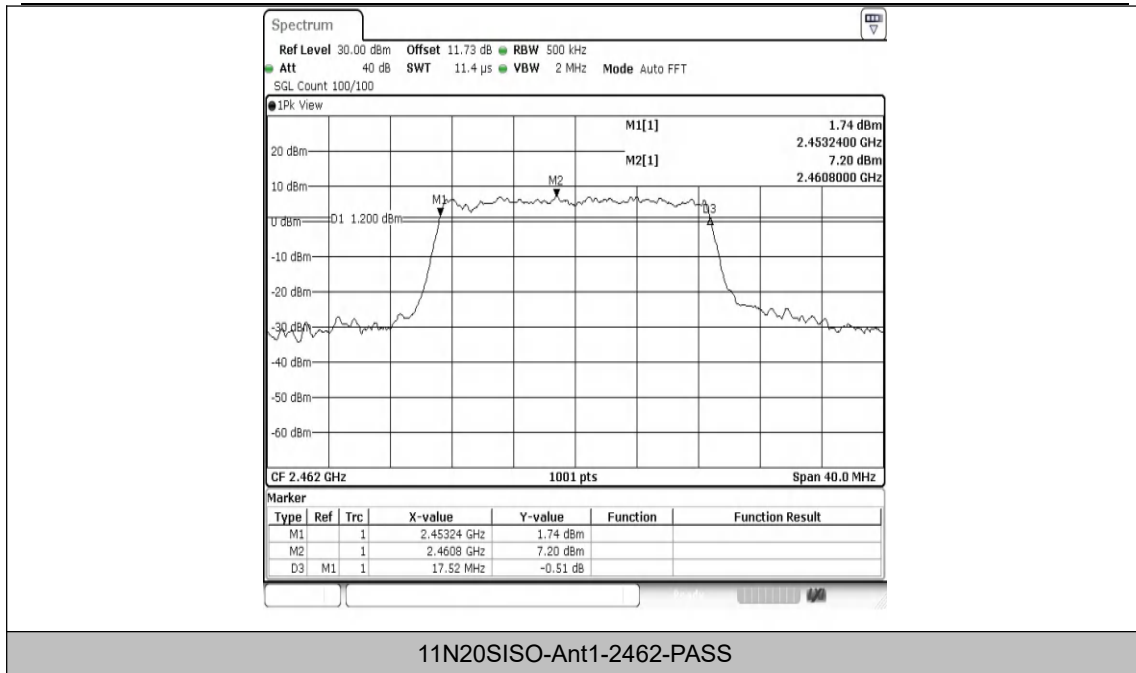
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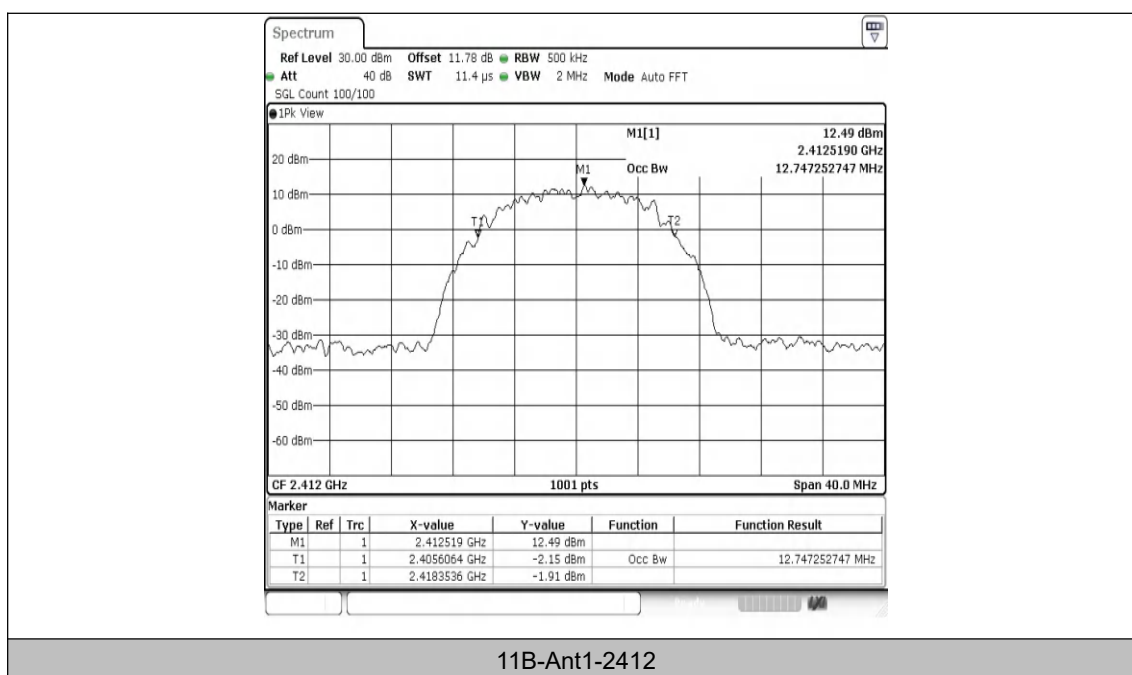
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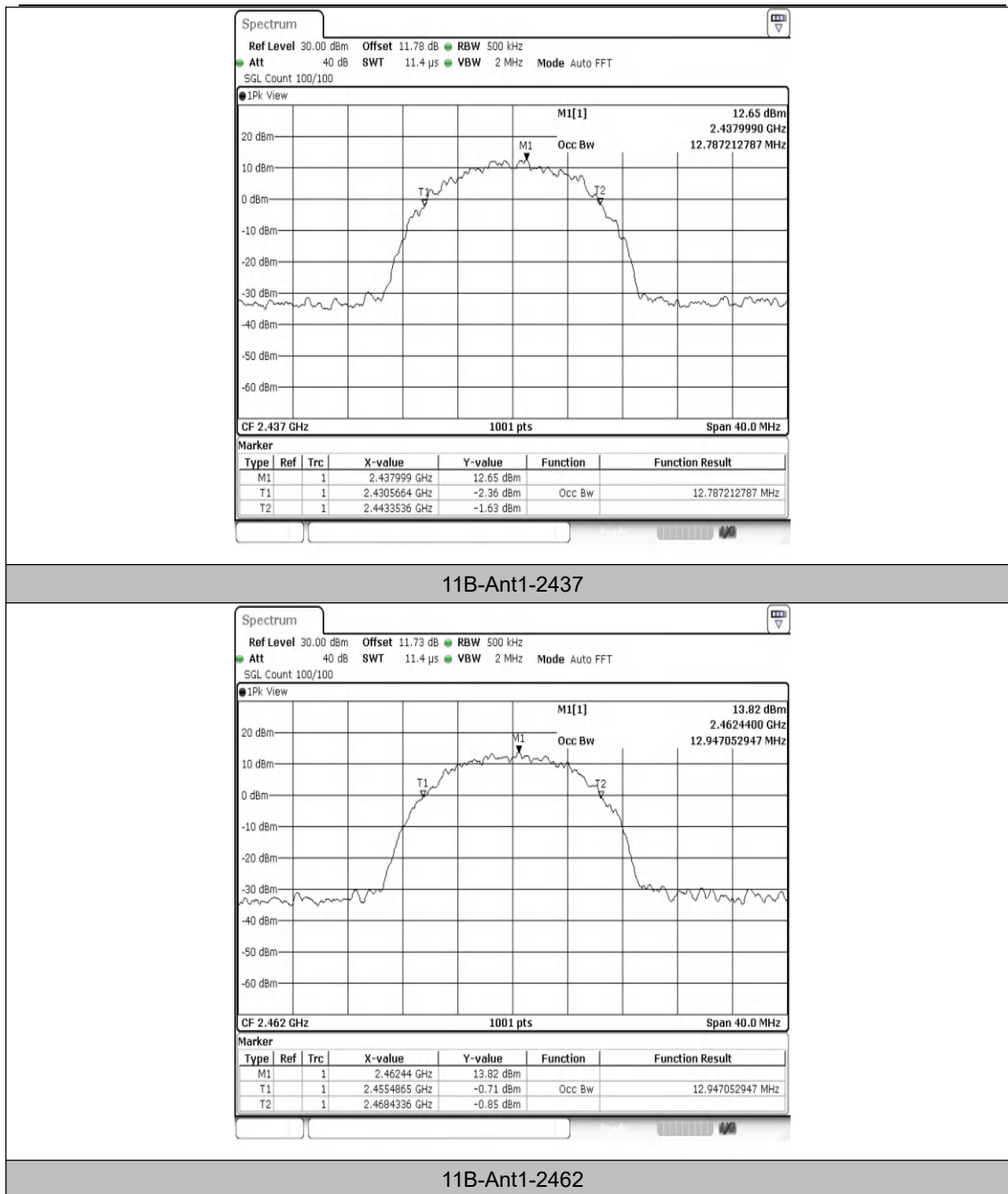
Appendix B: 99% Occupied Bandwidth

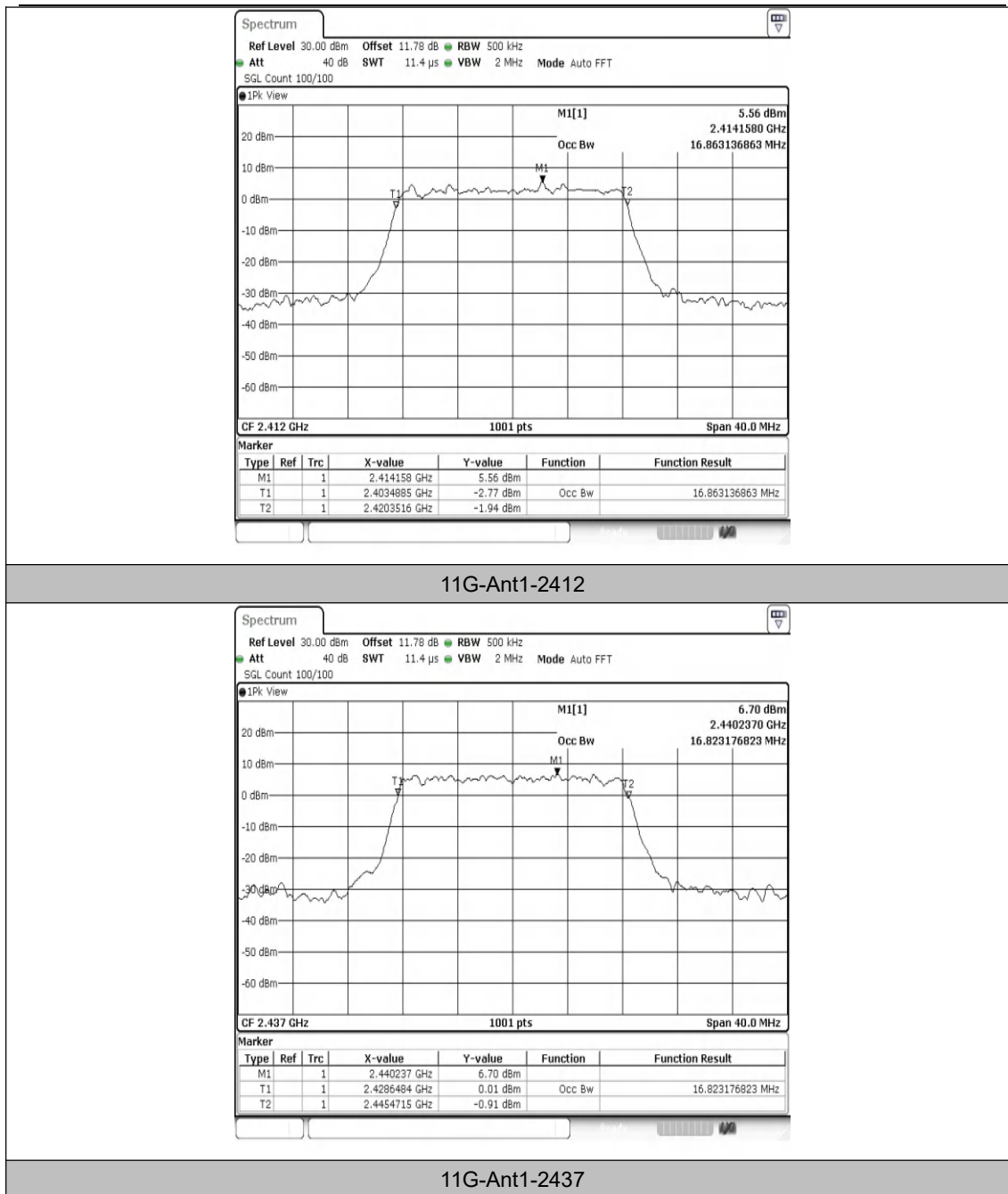
Test Result

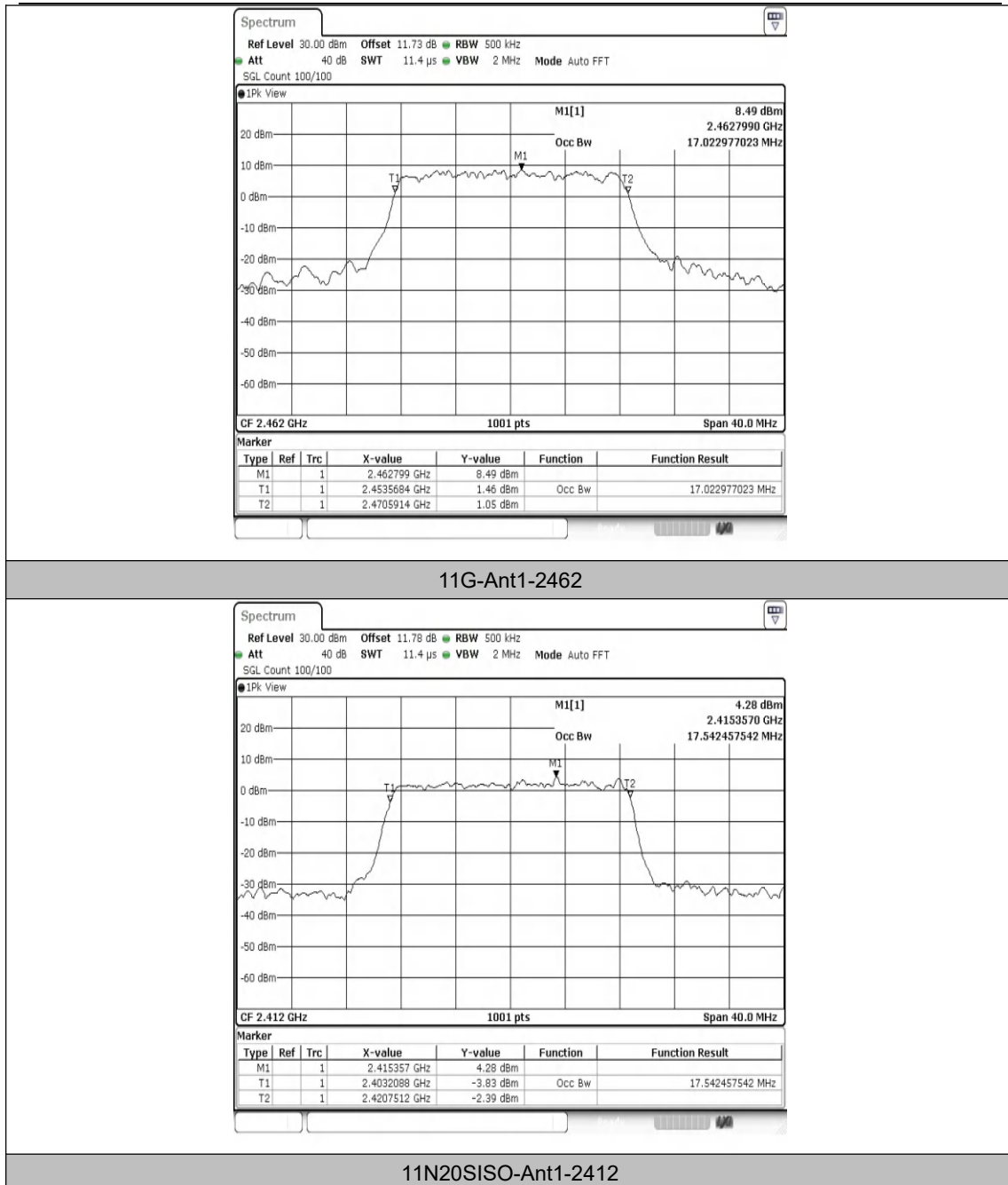
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.747	2405.6064	2418.3536	---	---
11B	Ant1	2437	12.787	2430.5664	2443.3536	---	---
11B	Ant1	2462	12.947	2455.4865	2468.4336	---	---
11G	Ant1	2412	16.863	2403.4885	2420.3516	---	---
11G	Ant1	2437	16.823	2428.6484	2445.4715	---	---
11G	Ant1	2462	17.023	2453.5684	2470.5914	---	---
11N20SISO	Ant1	2412	17.542	2403.2088	2420.7512	---	---
11N20SISO	Ant1	2437	17.542	2428.2088	2445.7512	---	---
11N20SISO	Ant1	2462	17.542	2453.2088	2470.7512	---	---

Test Graphs





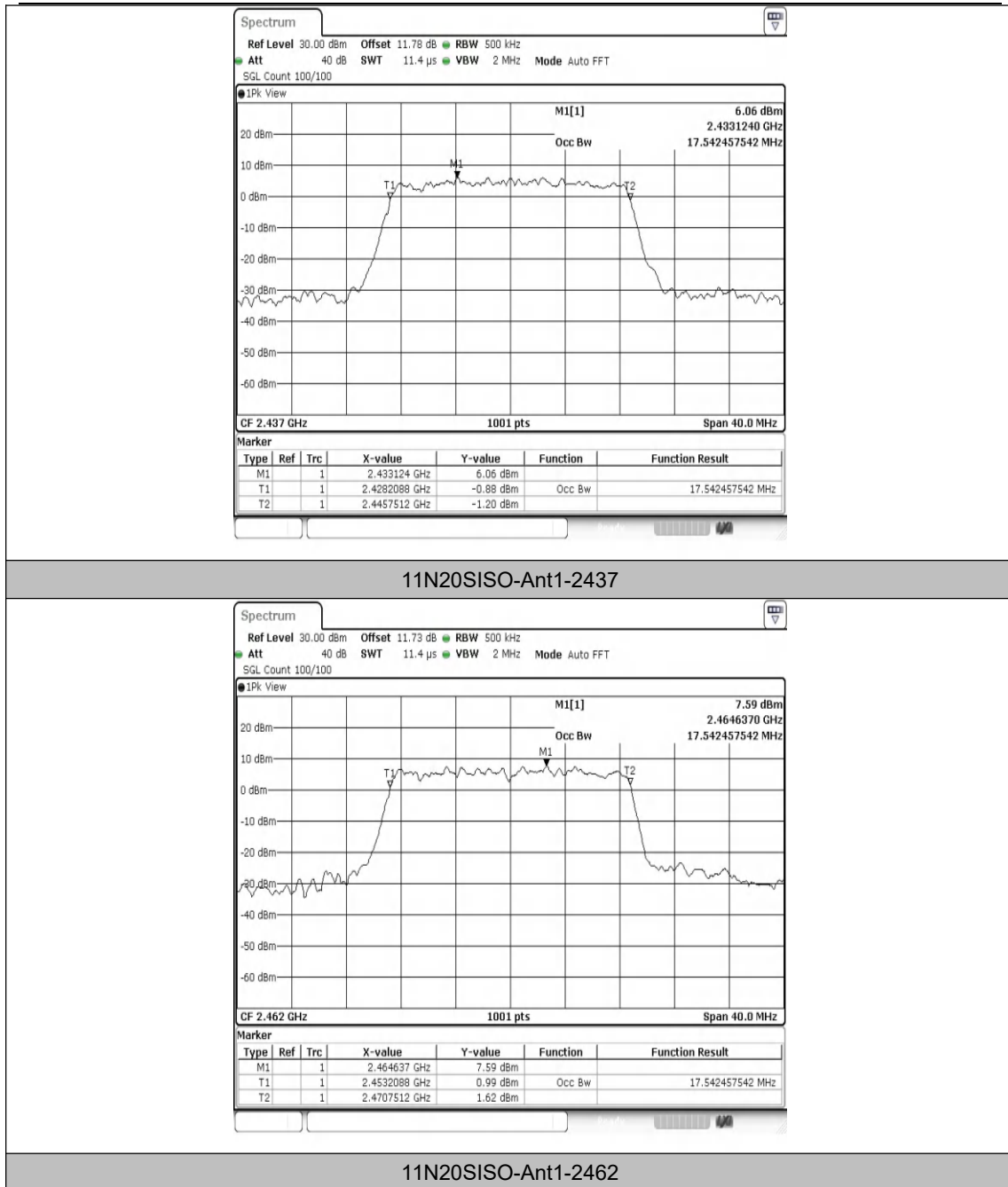


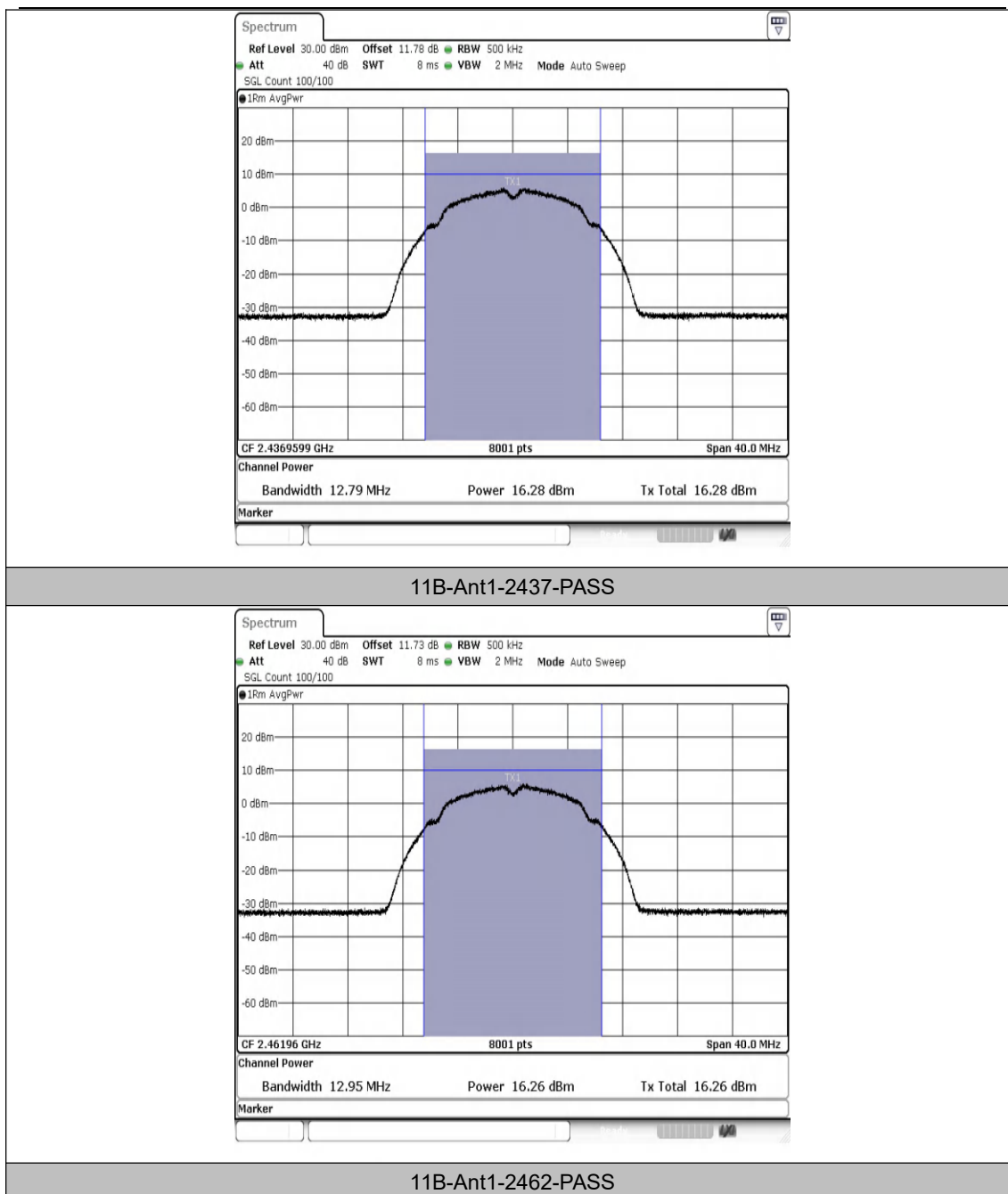


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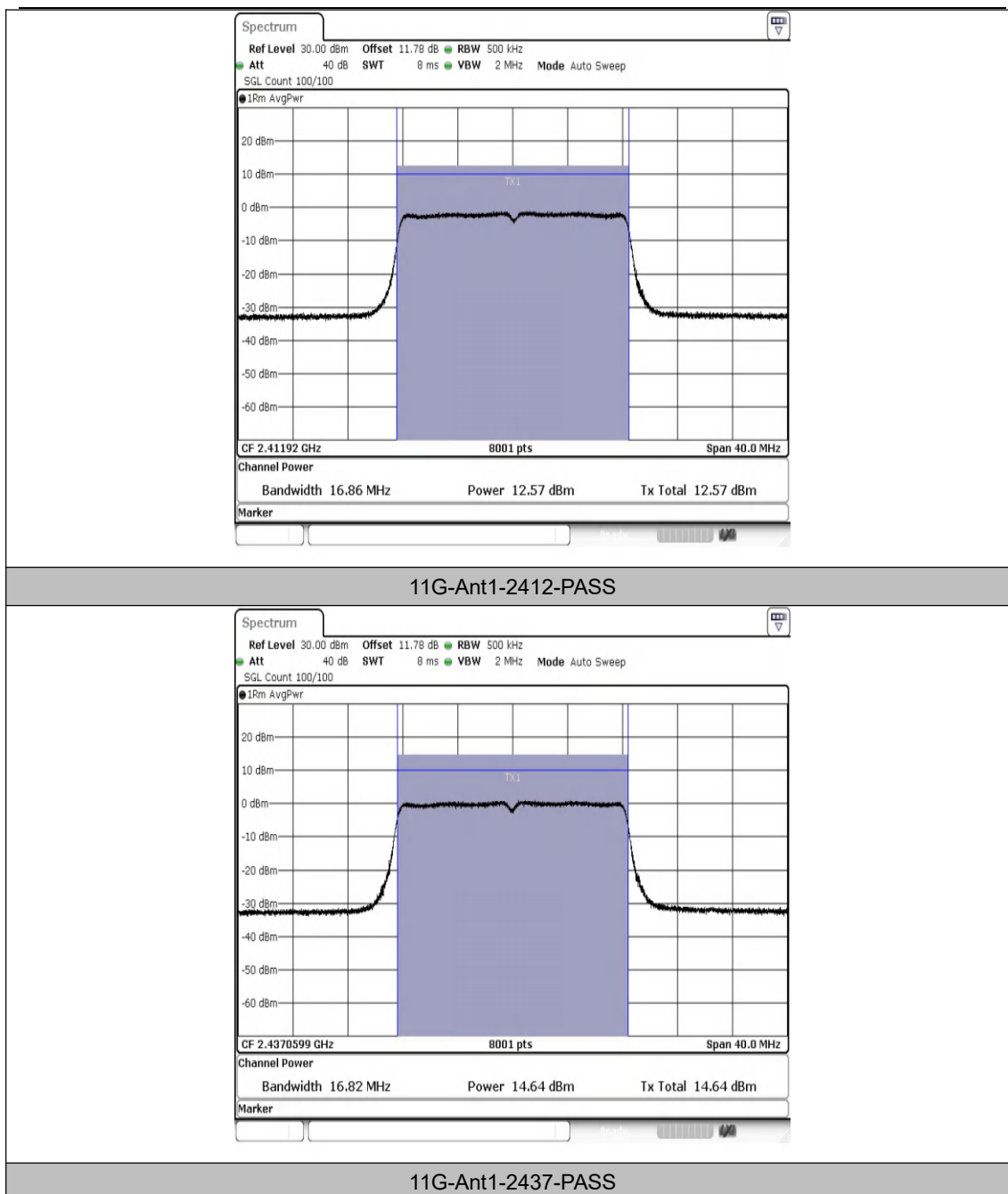


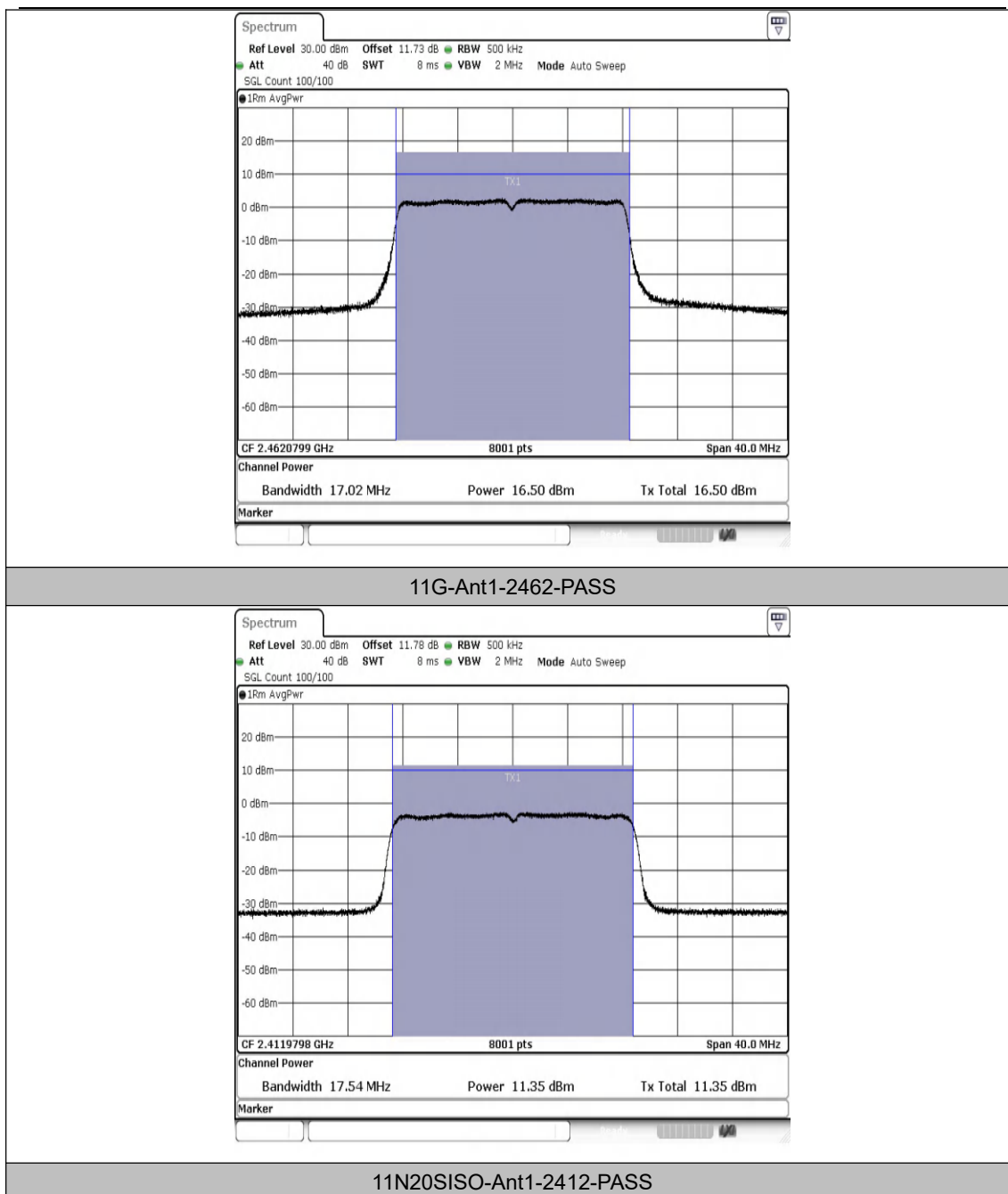


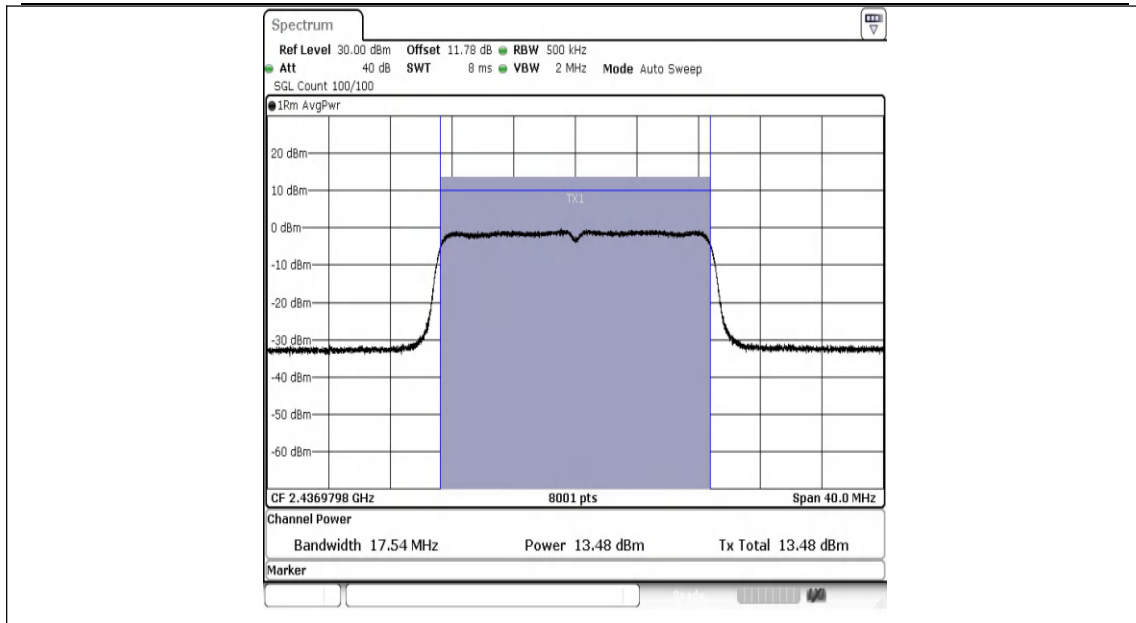
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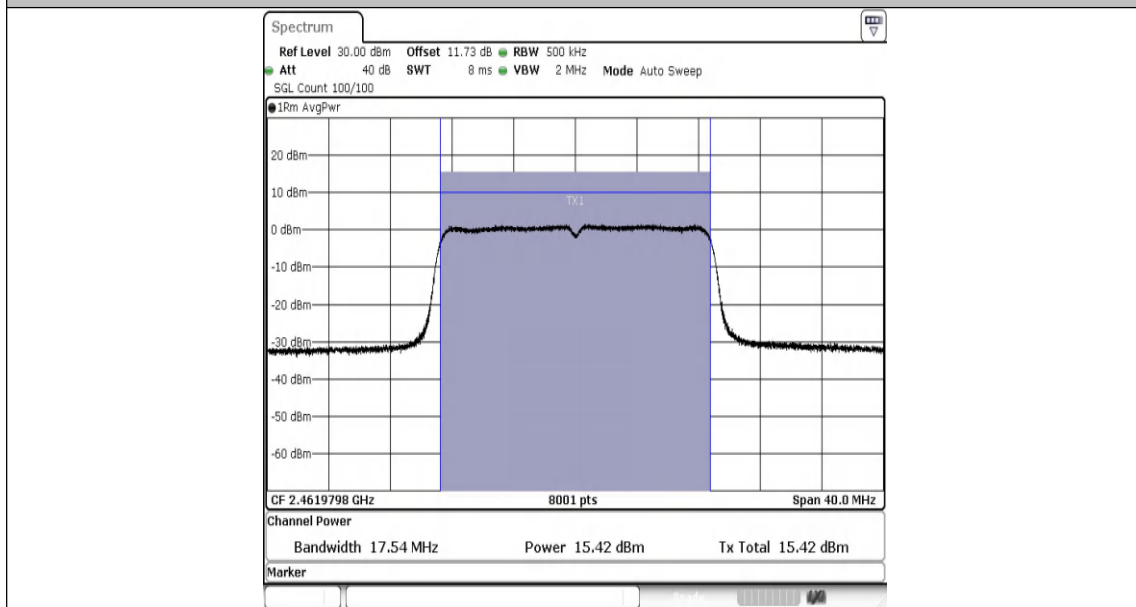
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11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

Appendix D: Maximum power spectral density

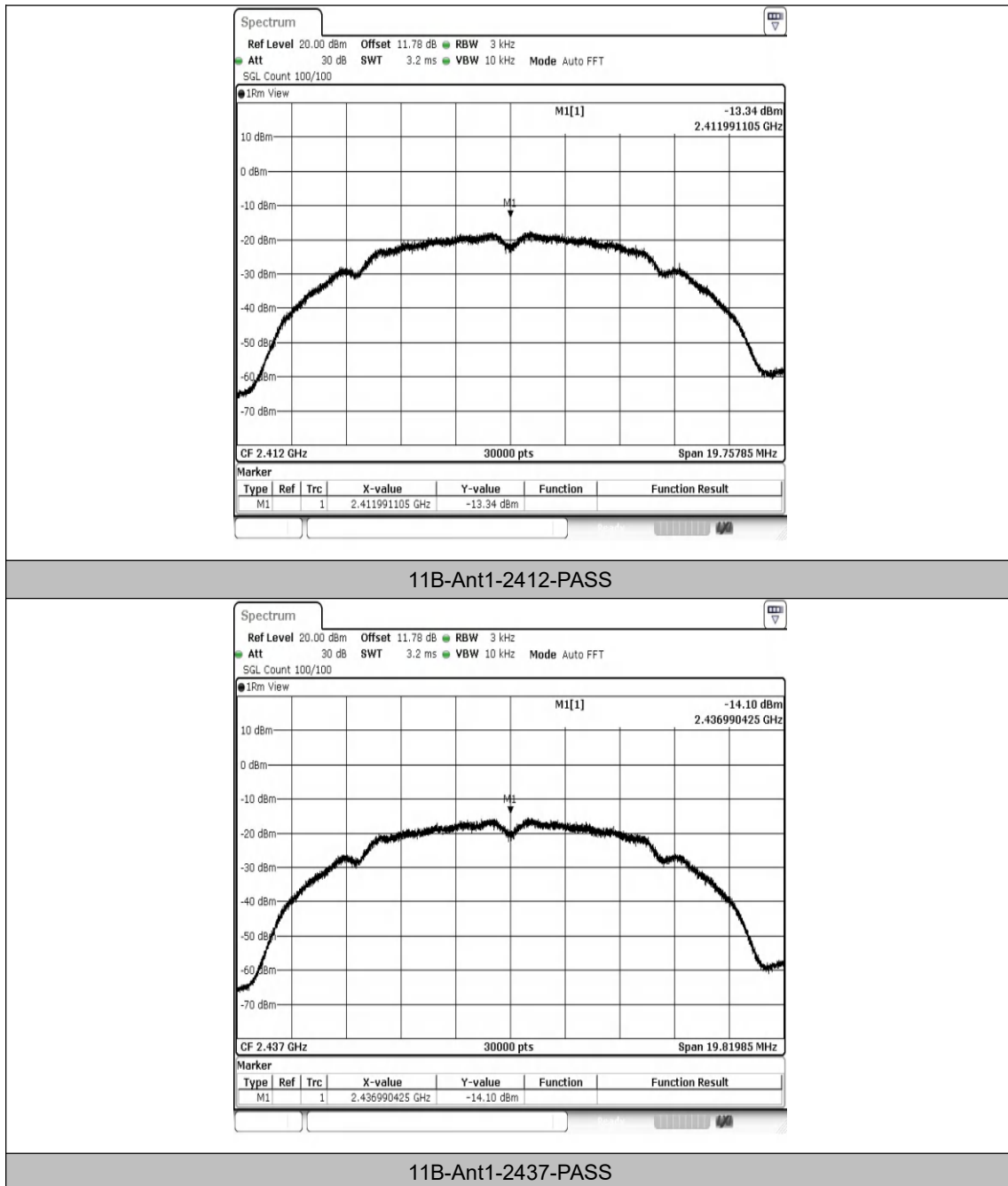
Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.34	0.00	-13.34	≤8.00	PASS
11B	Ant1	2437	-14.1	0.00	-14.10	≤8.00	PASS
11B	Ant1	2462	-13.81	0.00	-13.81	≤8.00	PASS
11G	Ant1	2412	-12.49	0.00	-12.49	≤8.00	PASS
11G	Ant1	2437	-13.44	0.00	-13.44	≤8.00	PASS
11G	Ant1	2462	-12.89	0.00	-12.89	≤8.00	PASS
11N20SI SO	Ant1	2412	-13.32	0.00	-13.32	≤8.00	PASS
11N20SI SO	Ant1	2437	-14.06	0.00	-14.06	≤8.00	PASS
11N20SI SO	Ant1	2462	-13.51	0.00	-13.51	≤8.00	PASS

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



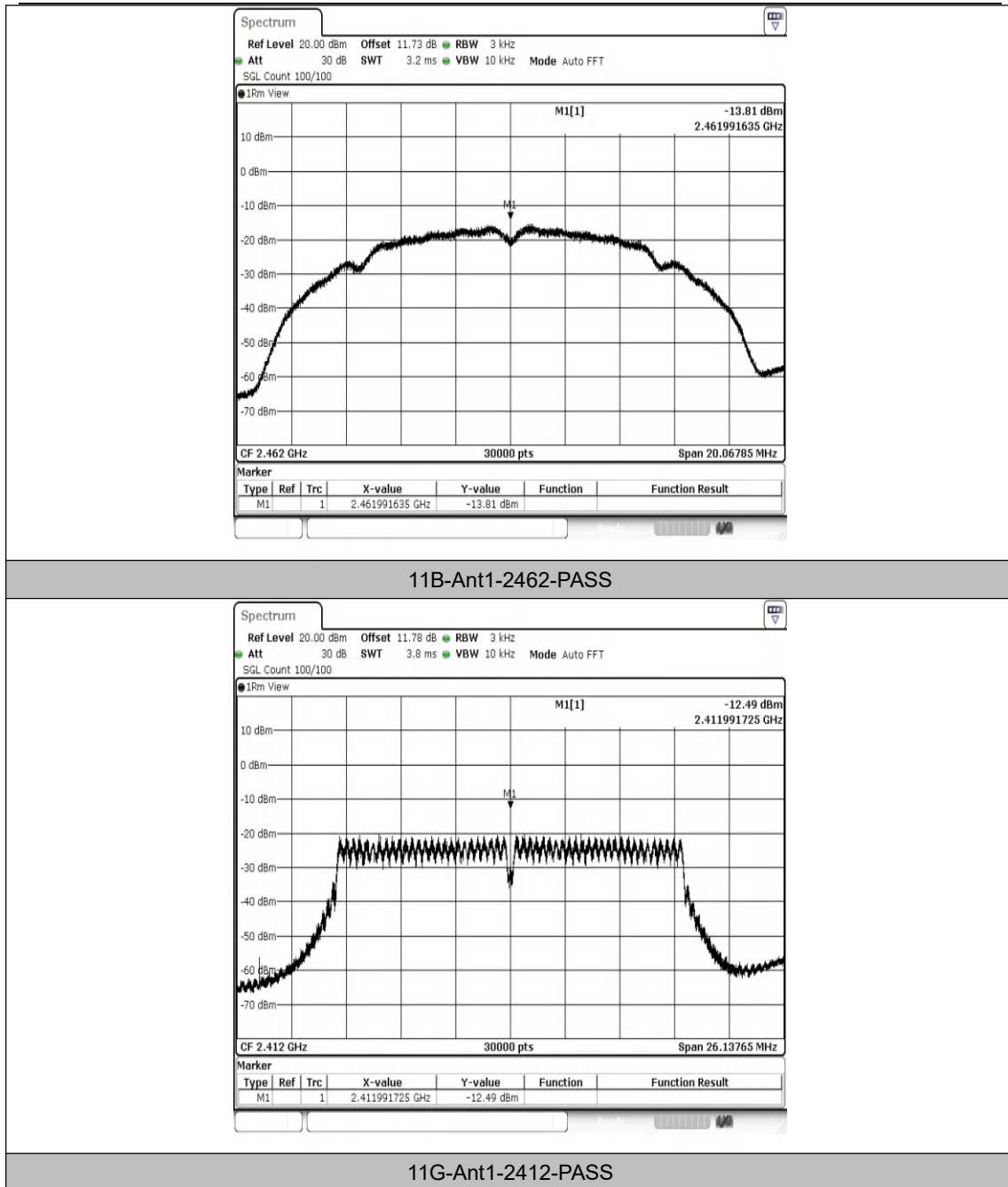
Test Graphs

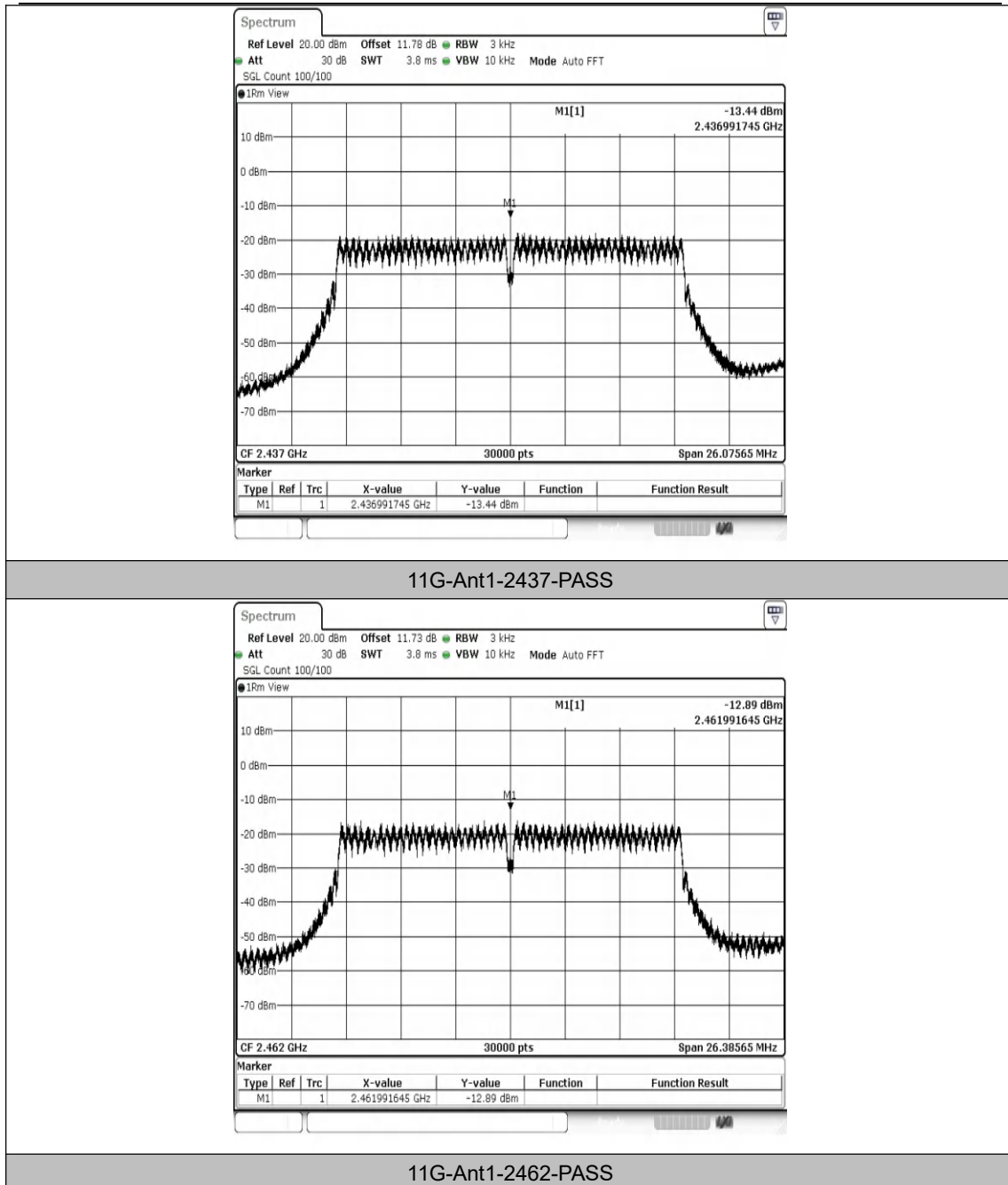


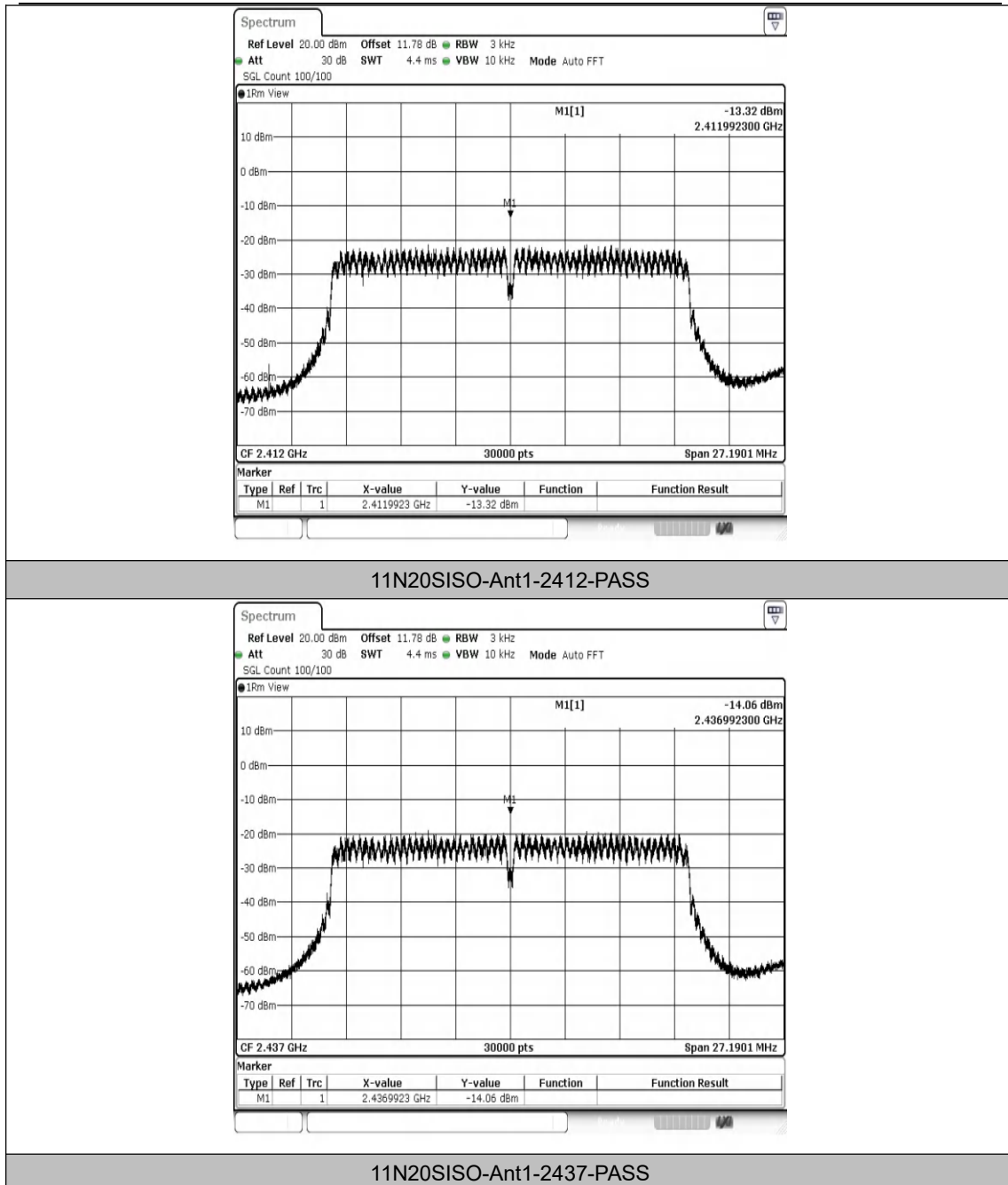
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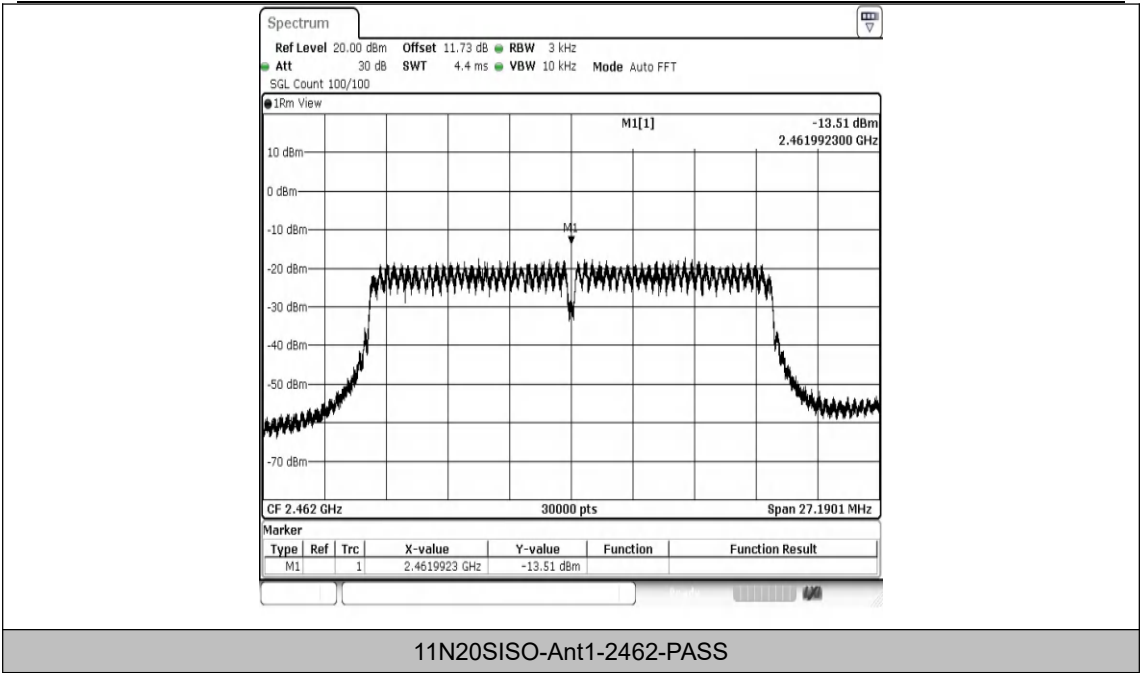
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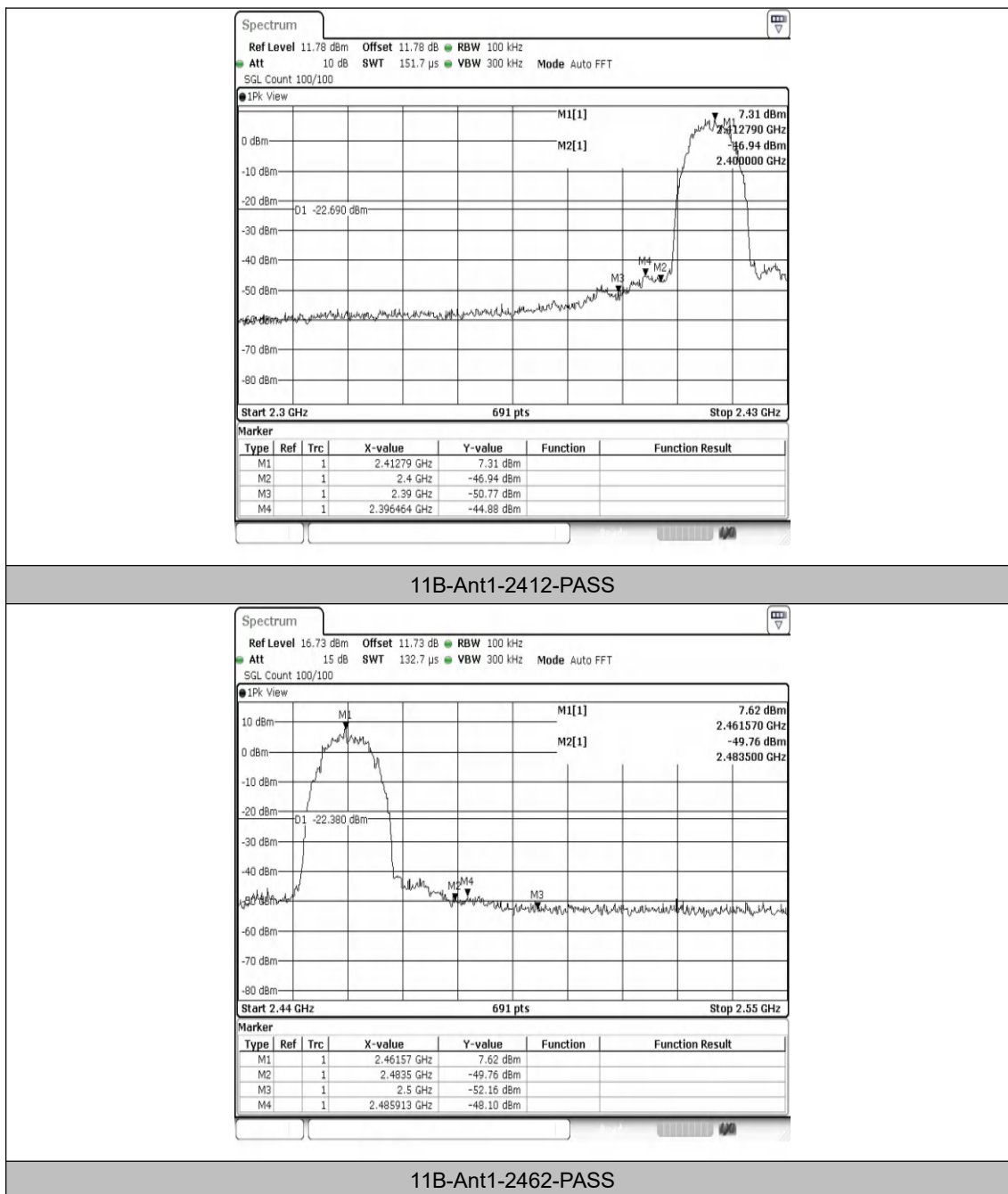
Appendix E: Conducted Band edge

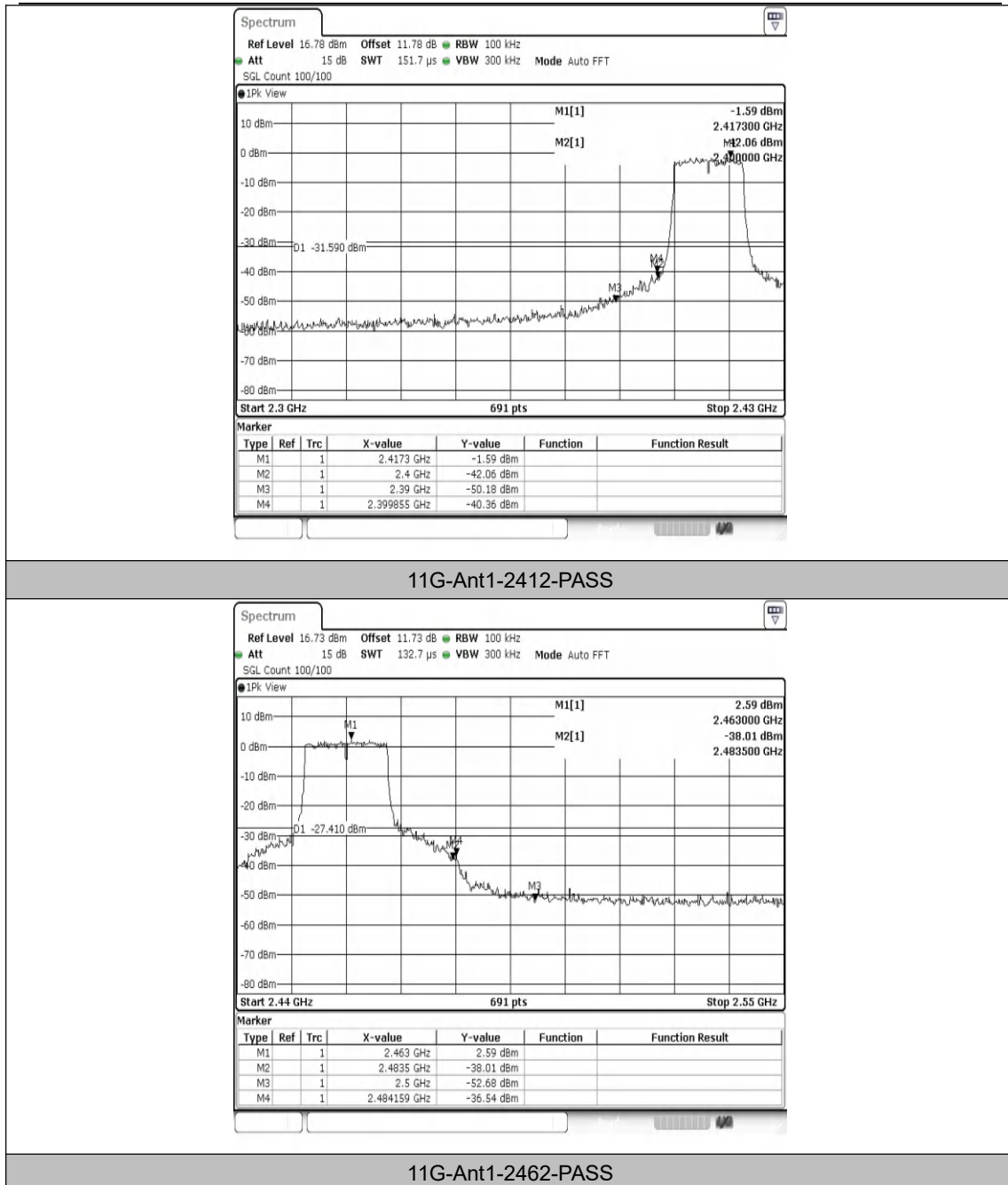
Test Result

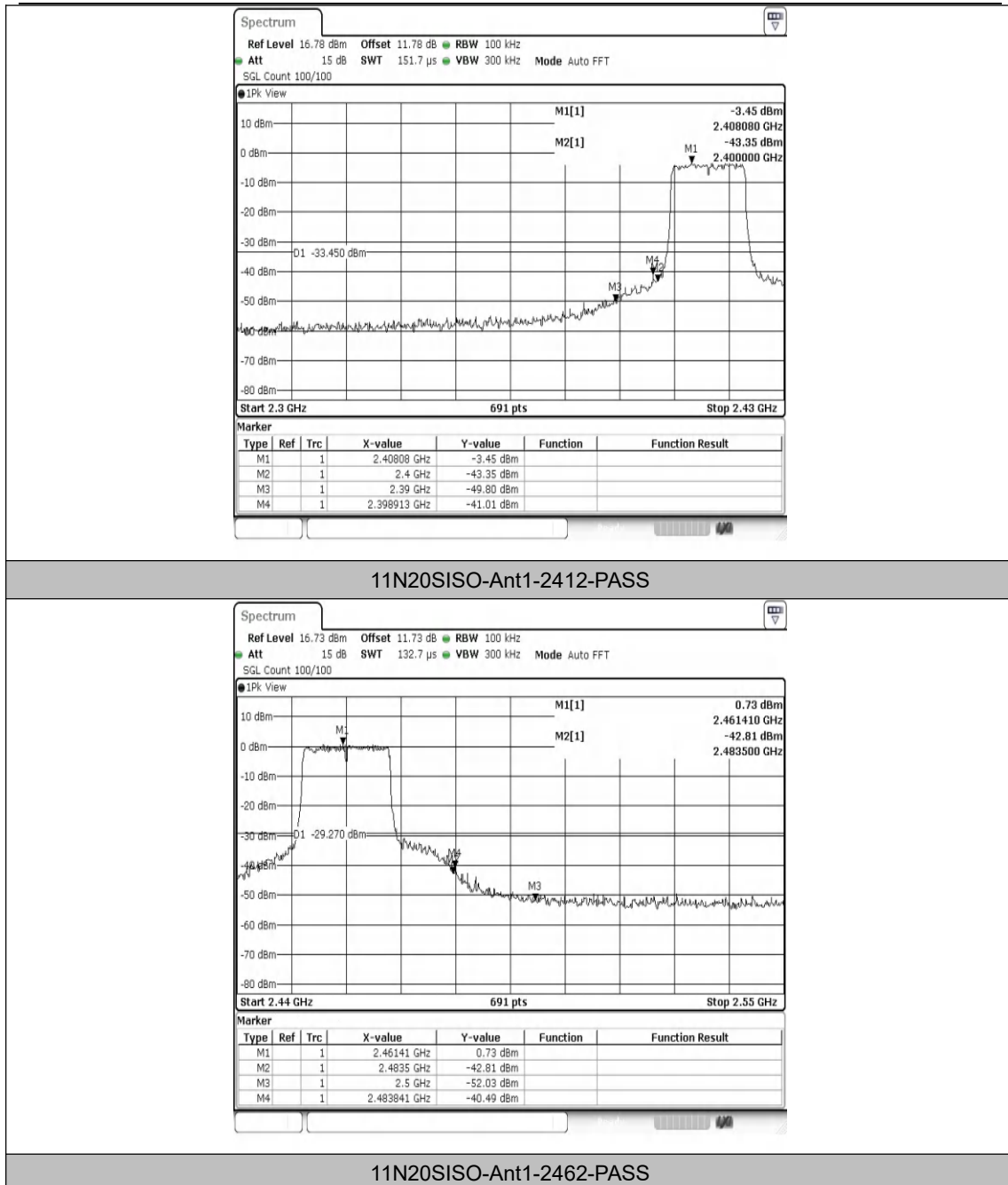
Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.31	-44.88	≤-22.69	PASS
11B	Ant1	High	2462	7.62	-48.1	≤-22.38	PASS
11G	Ant1	Low	2412	-1.59	-40.36	≤-31.59	PASS
11G	Ant1	High	2462	2.59	-36.54	≤-27.41	PASS
11N20SISO	Ant1	Low	2412	-3.45	-41.01	≤-33.45	PASS
11N20SISO	Ant1	High	2462	0.73	-40.49	≤-29.27	PASS



Test Graphs







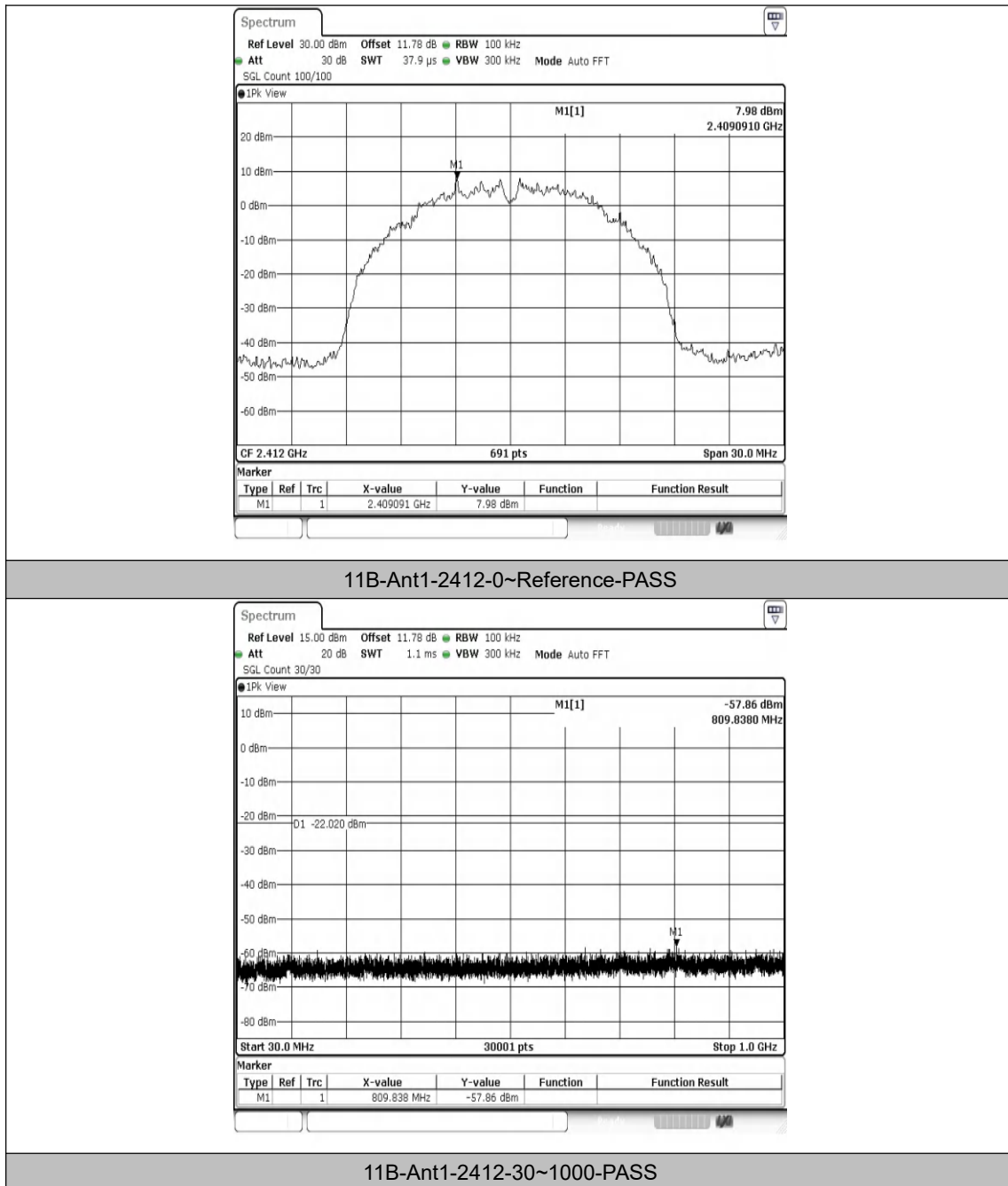
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	7.98	7.98	---	PASS
11B	Ant1	2412	30~1000	7.98	-57.86	≤-22.02	PASS
11B	Ant1	2412	1000~26500	7.98	-33.89	≤-22.02	PASS
11B	Ant1	2437	0~Reference	7.60	7.60	---	PASS
11B	Ant1	2437	30~1000	7.60	-57.88	≤-22.4	PASS
11B	Ant1	2437	1000~26500	7.60	-35.97	≤-22.4	PASS
11B	Ant1	2462	0~Reference	6.93	6.93	---	PASS
11B	Ant1	2462	30~1000	6.93	-58.63	≤-23.07	PASS
11B	Ant1	2462	1000~26500	6.93	-36.9	≤-23.07	PASS
11G	Ant1	2412	0~Reference	-0.94	-0.94	---	PASS
11G	Ant1	2412	30~1000	-0.94	-57.62	≤-30.94	PASS
11G	Ant1	2412	1000~26500	-0.94	-41.75	≤-30.94	PASS
11G	Ant1	2437	0~Reference	0.55	0.55	---	PASS
11G	Ant1	2437	30~1000	0.55	-58.16	≤-29.45	PASS
11G	Ant1	2437	1000~26500	0.55	-42.08	≤-29.45	PASS
11G	Ant1	2462	0~Reference	5.18	5.18	---	PASS
11G	Ant1	2462	30~1000	5.18	-58.25	≤-24.82	PASS
11G	Ant1	2462	1000~26500	5.18	-42.53	≤-24.82	PASS
11N20SISO	Ant1	2412	0~Reference	0.40	0.40	---	PASS
11N20SISO	Ant1	2412	30~1000	0.40	-57.85	≤-29.6	PASS
11N20SISO	Ant1	2412	1000~26500	0.40	-41.56	≤-29.6	PASS
11N20SISO	Ant1	2437	0~Reference	0.40	0.40	---	PASS
11N20SISO	Ant1	2437	30~1000	0.40	-57.43	≤-29.6	PASS
11N20SISO	Ant1	2437	1000~26500	0.40	-39.36	≤-29.6	PASS
11N20SISO	Ant1	2462	0~Reference	1.05	1.05	---	PASS
11N20SISO	Ant1	2462	30~1000	1.05	-57.29	≤-28.95	PASS
11N20SISO	Ant1	2462	1000~26500	1.05	-43.18	≤-28.95	PASS



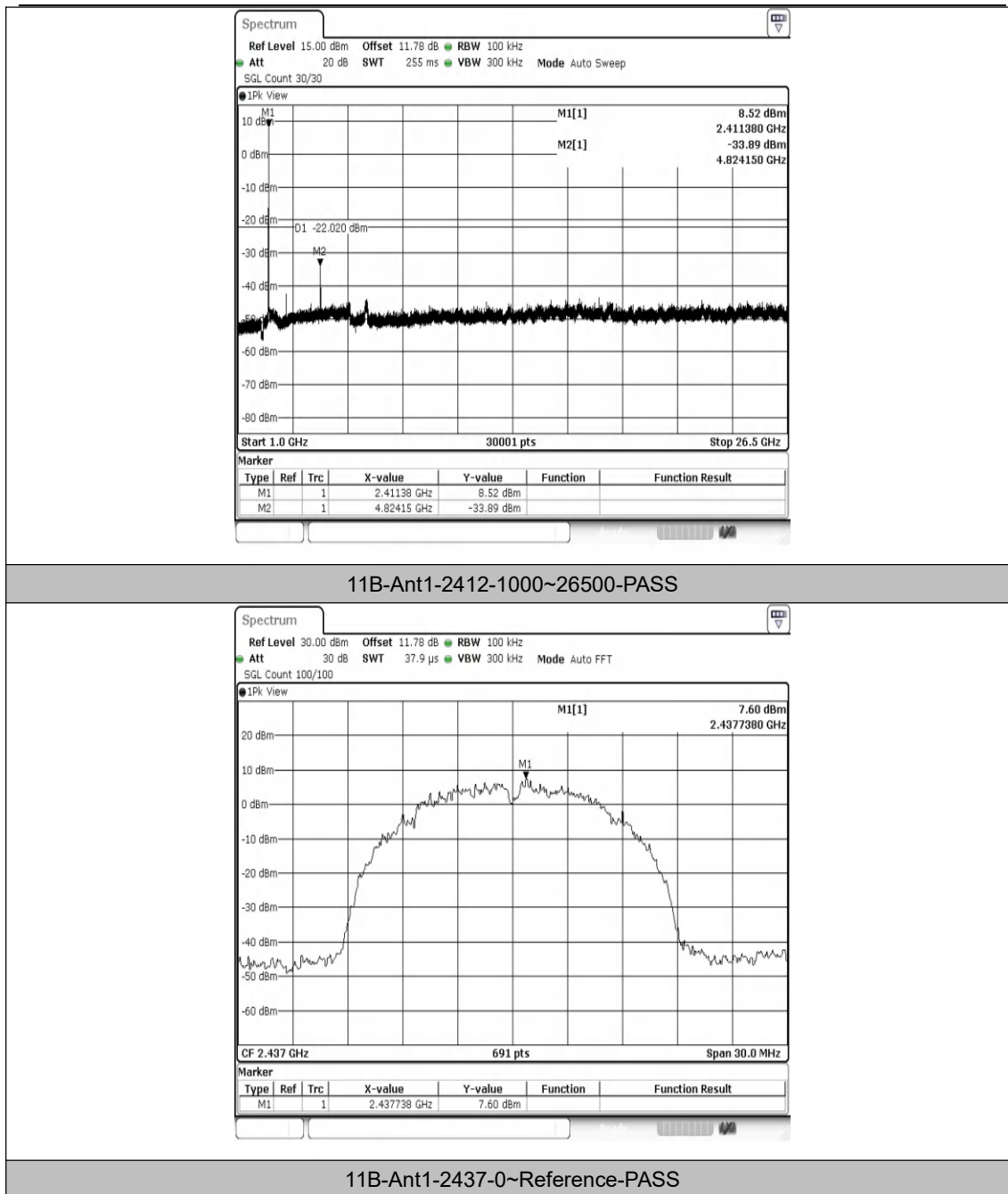
Test Graphs

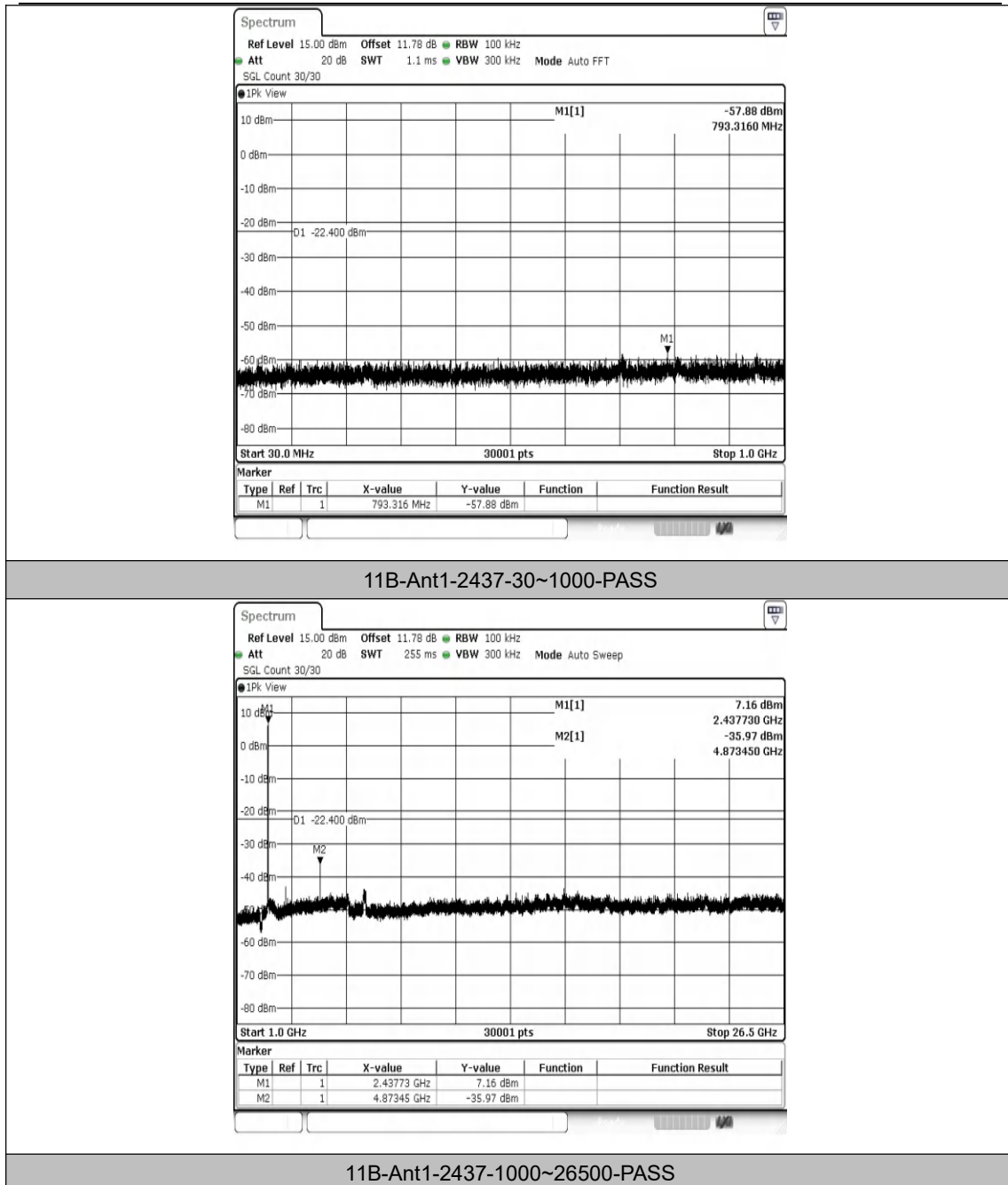


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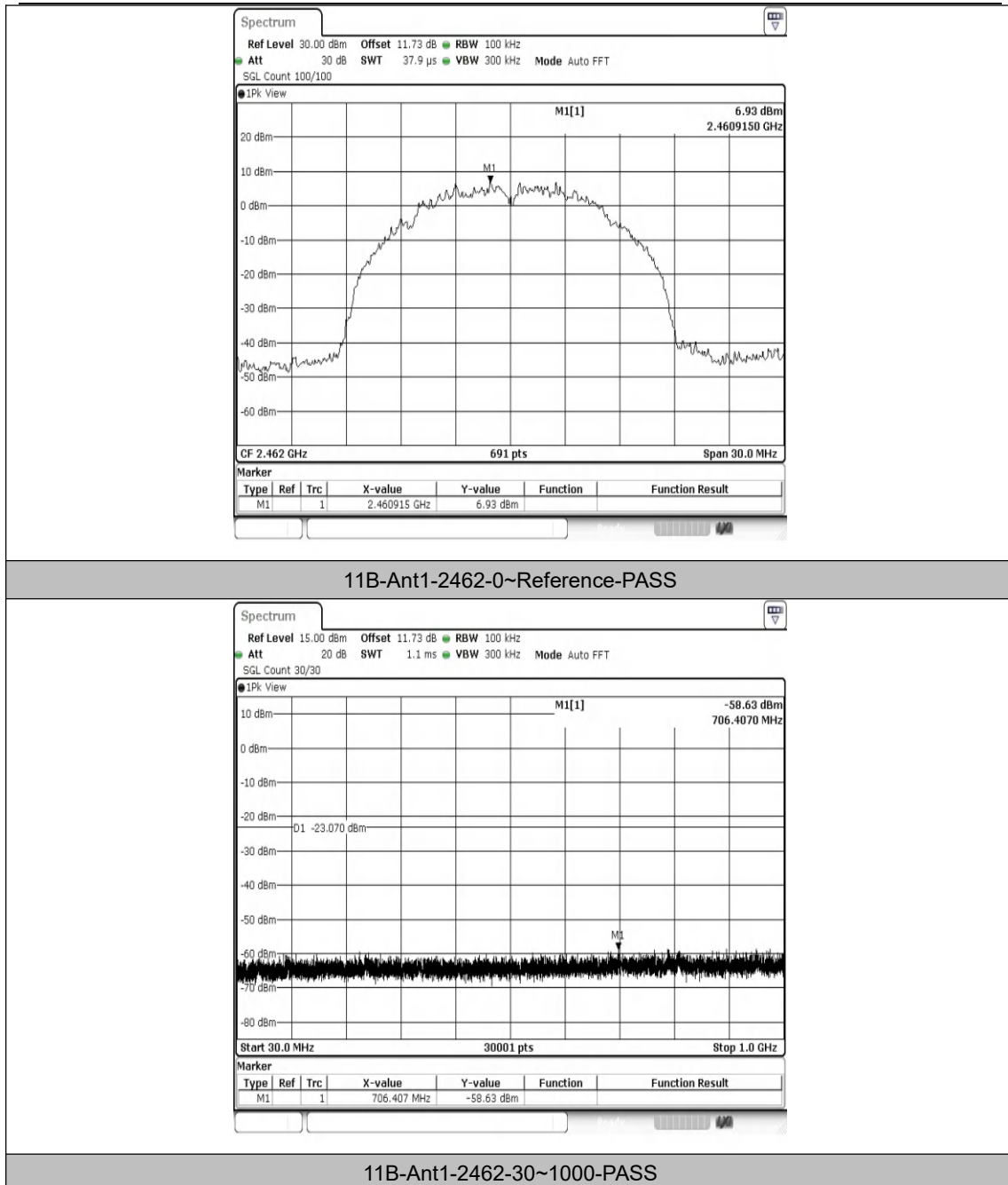


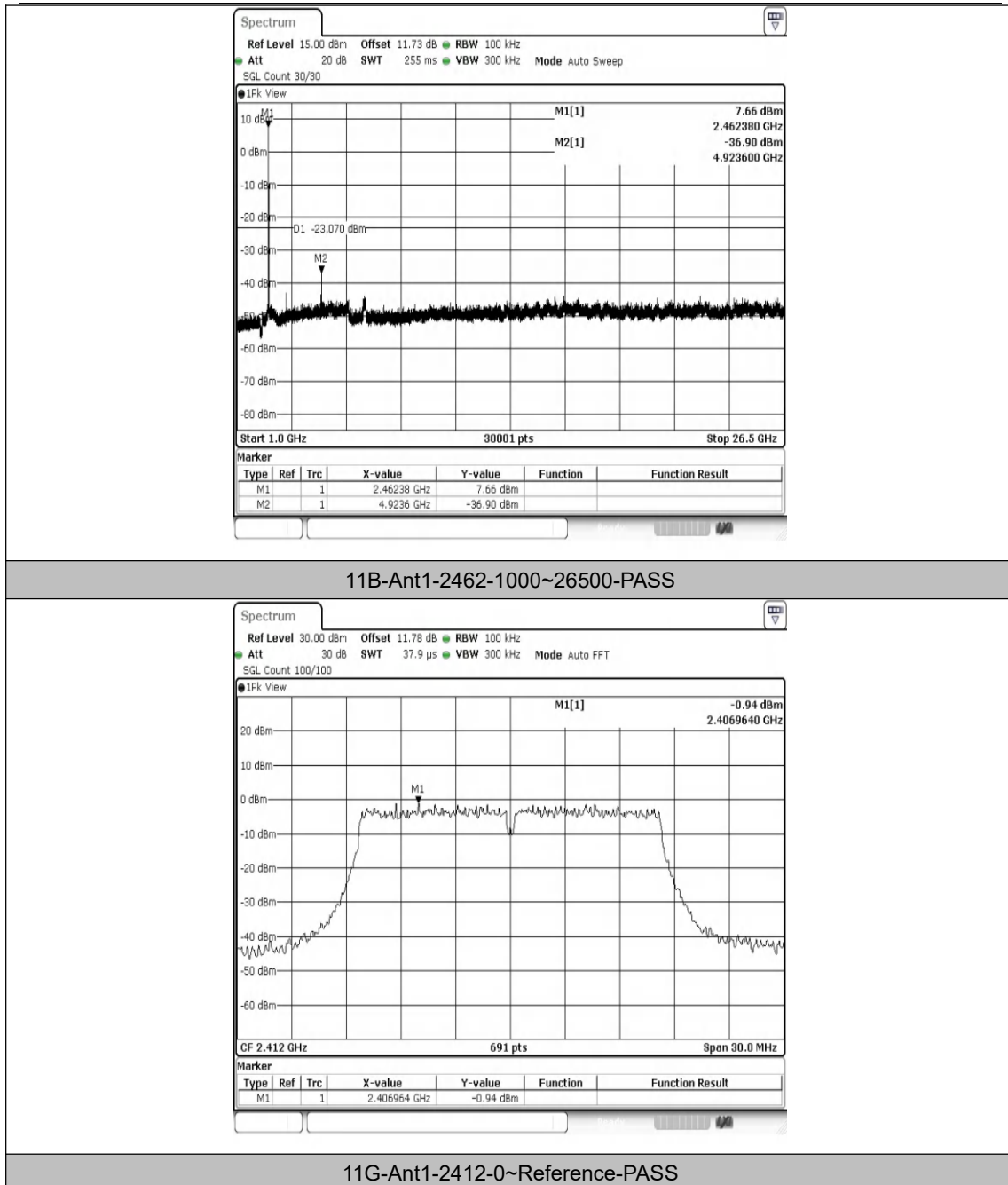


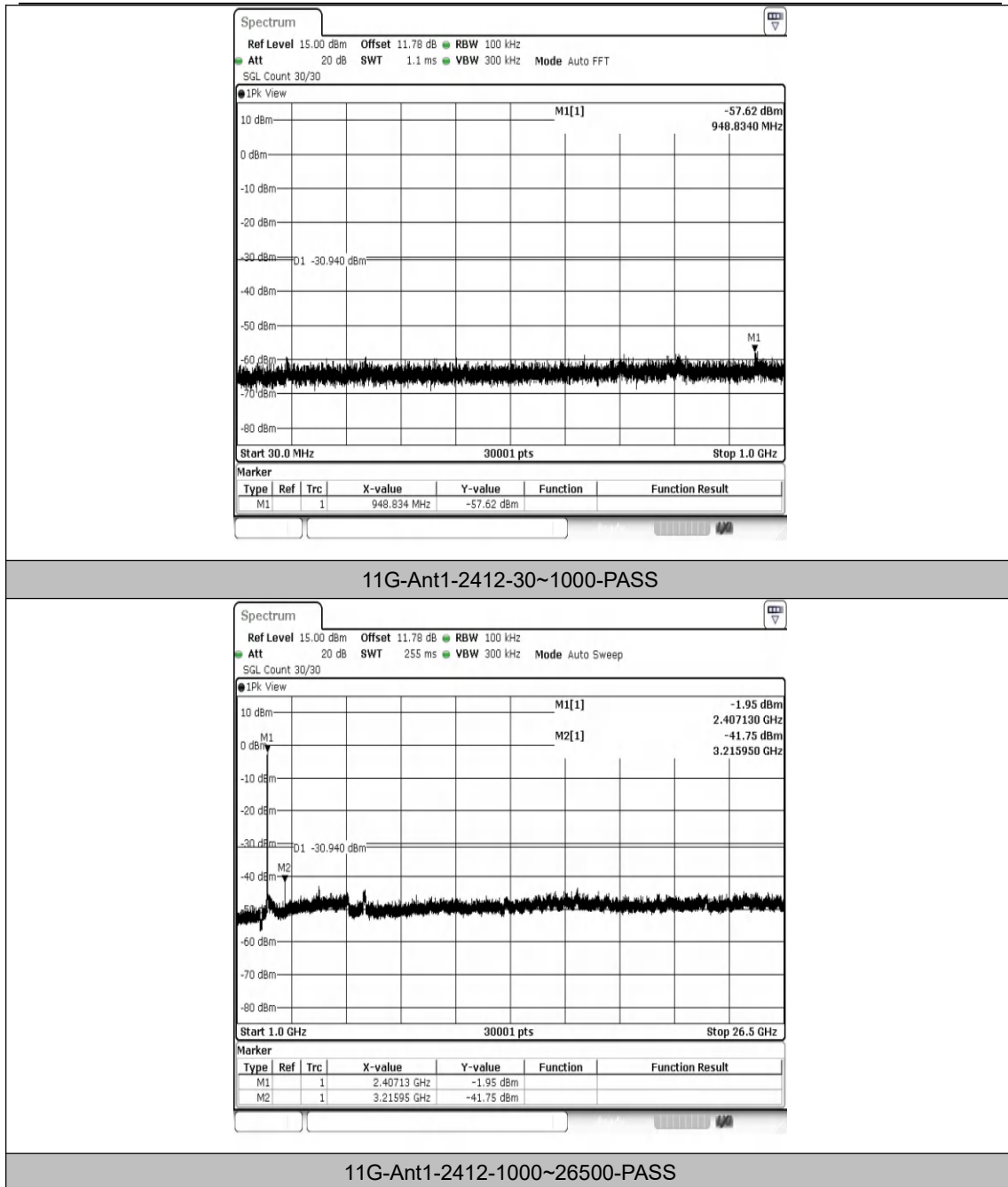
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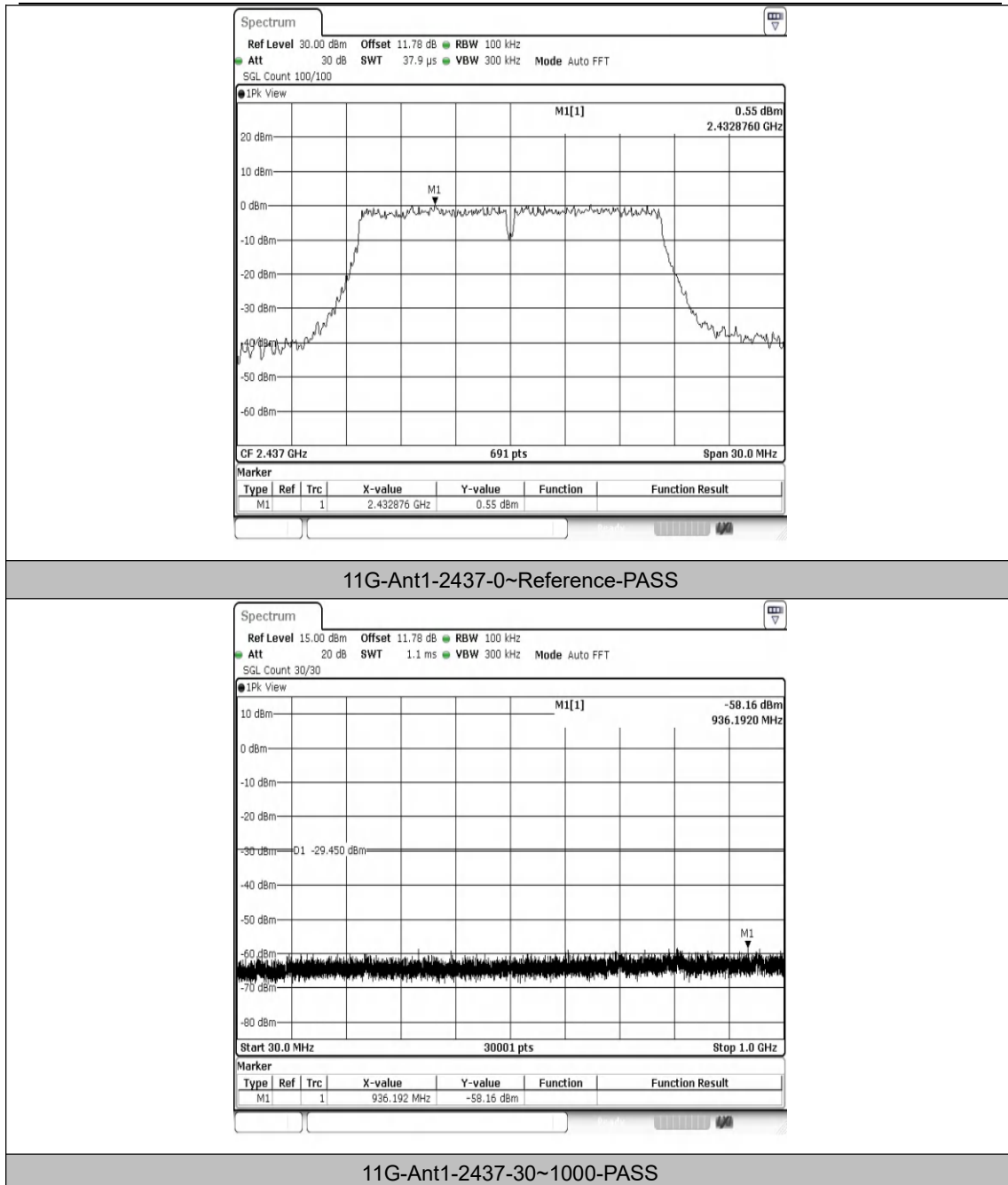


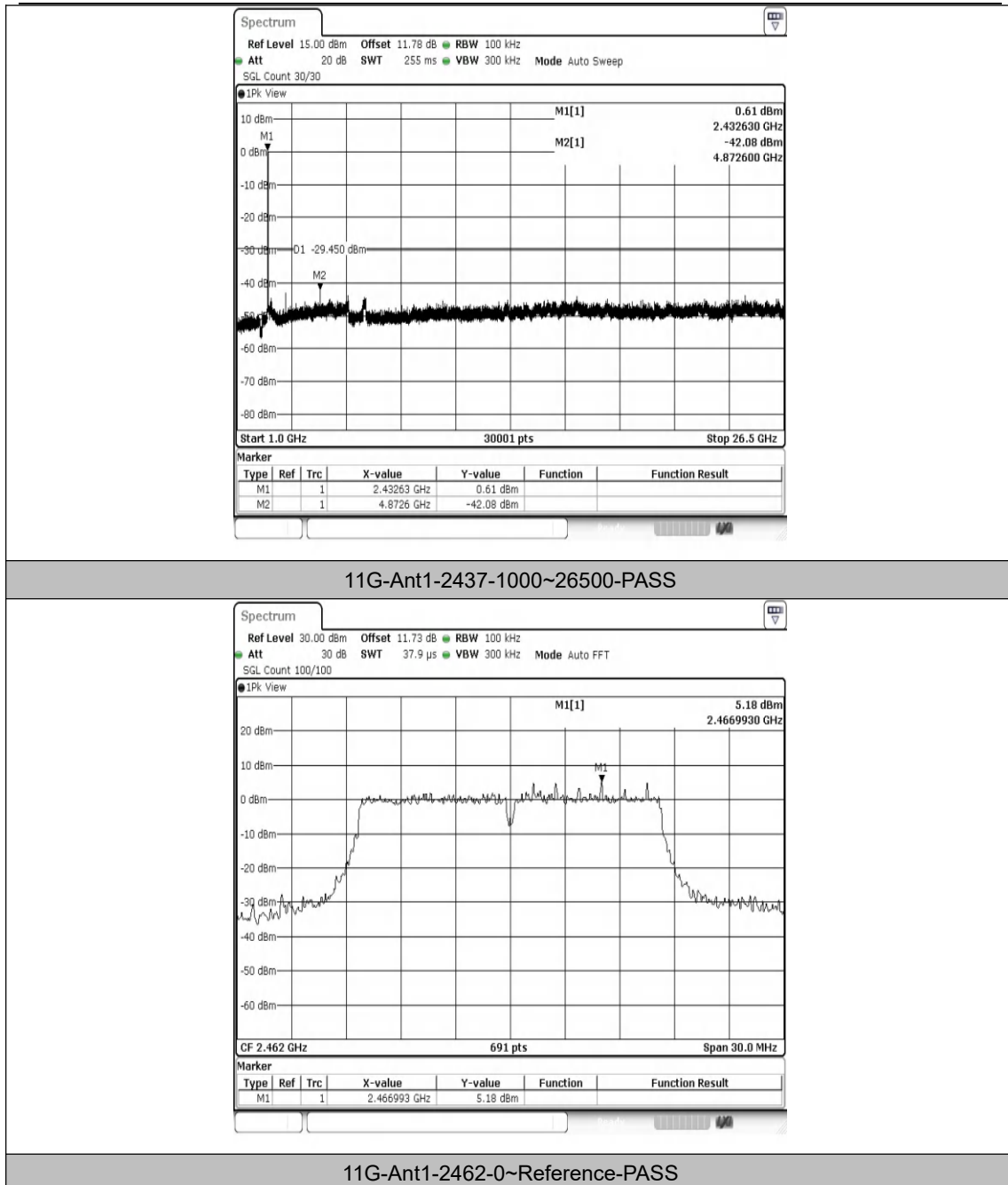


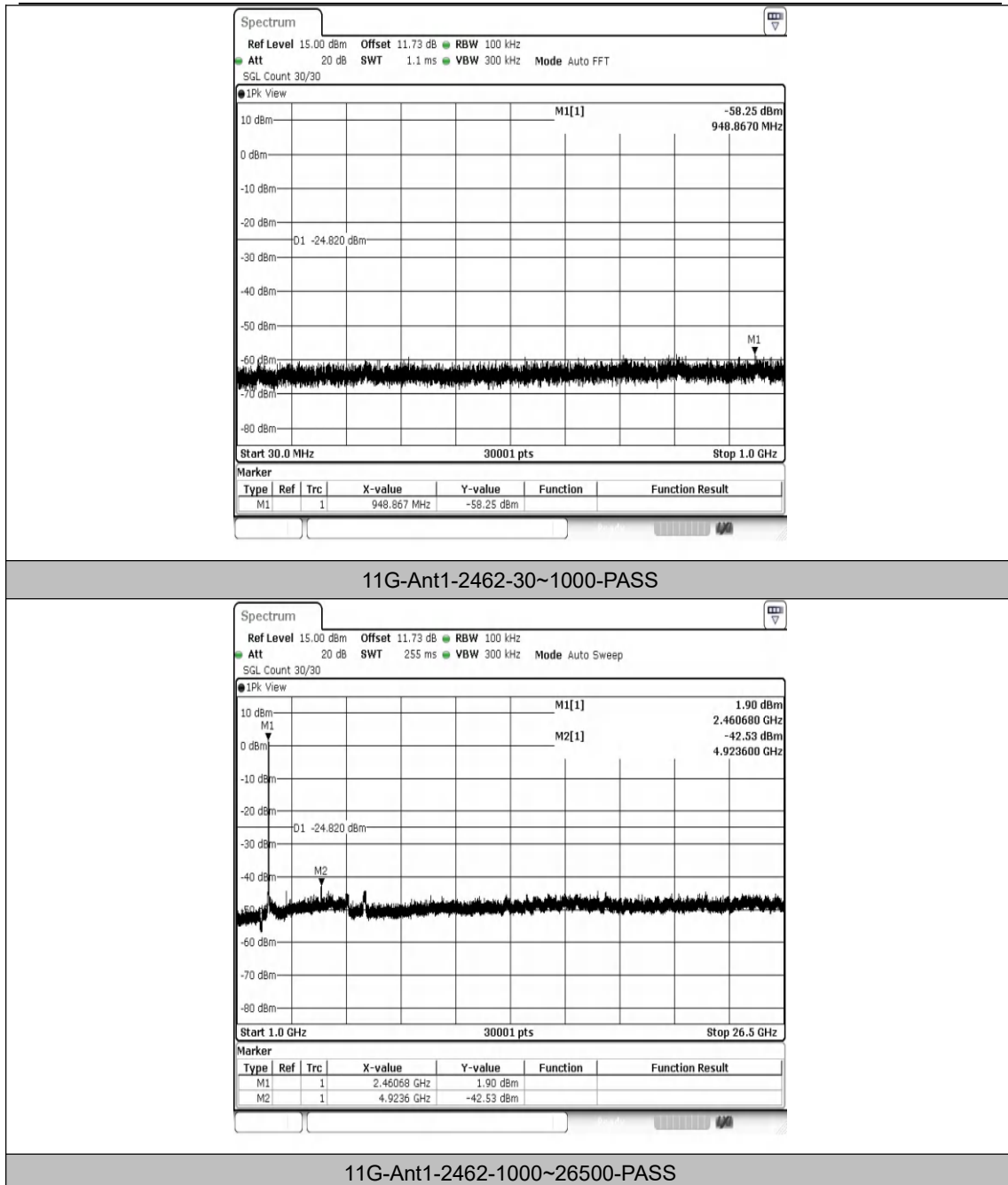
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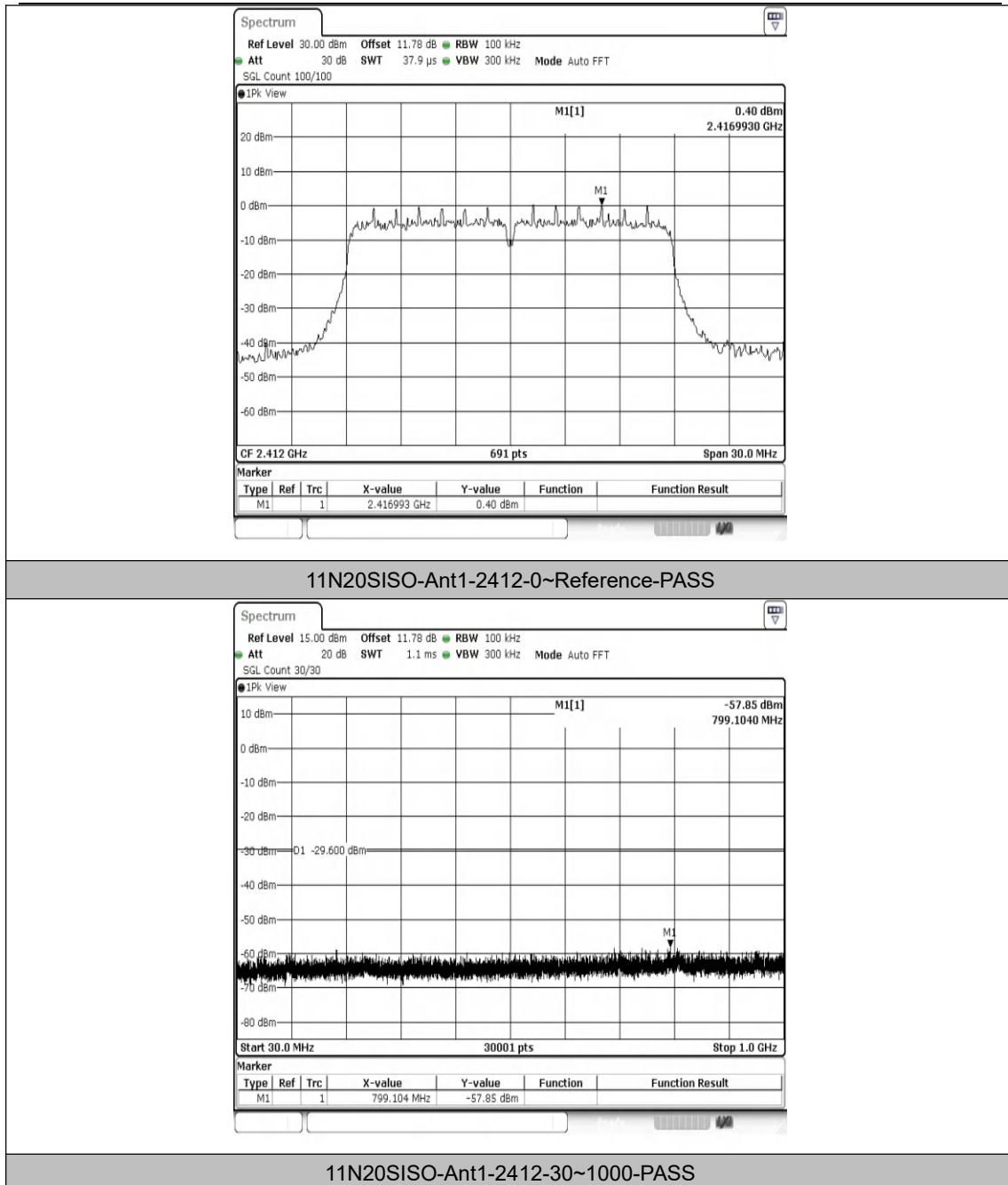
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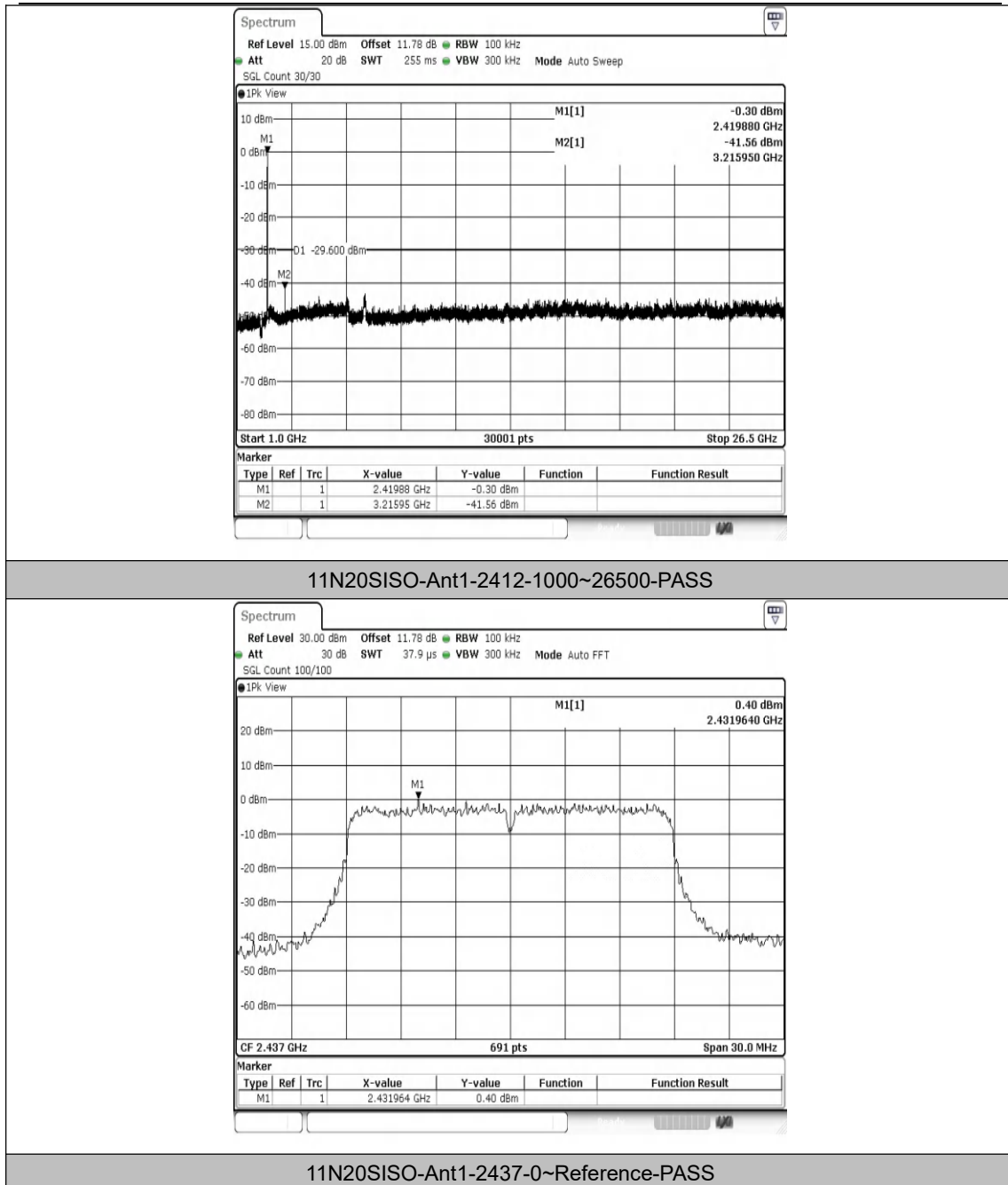


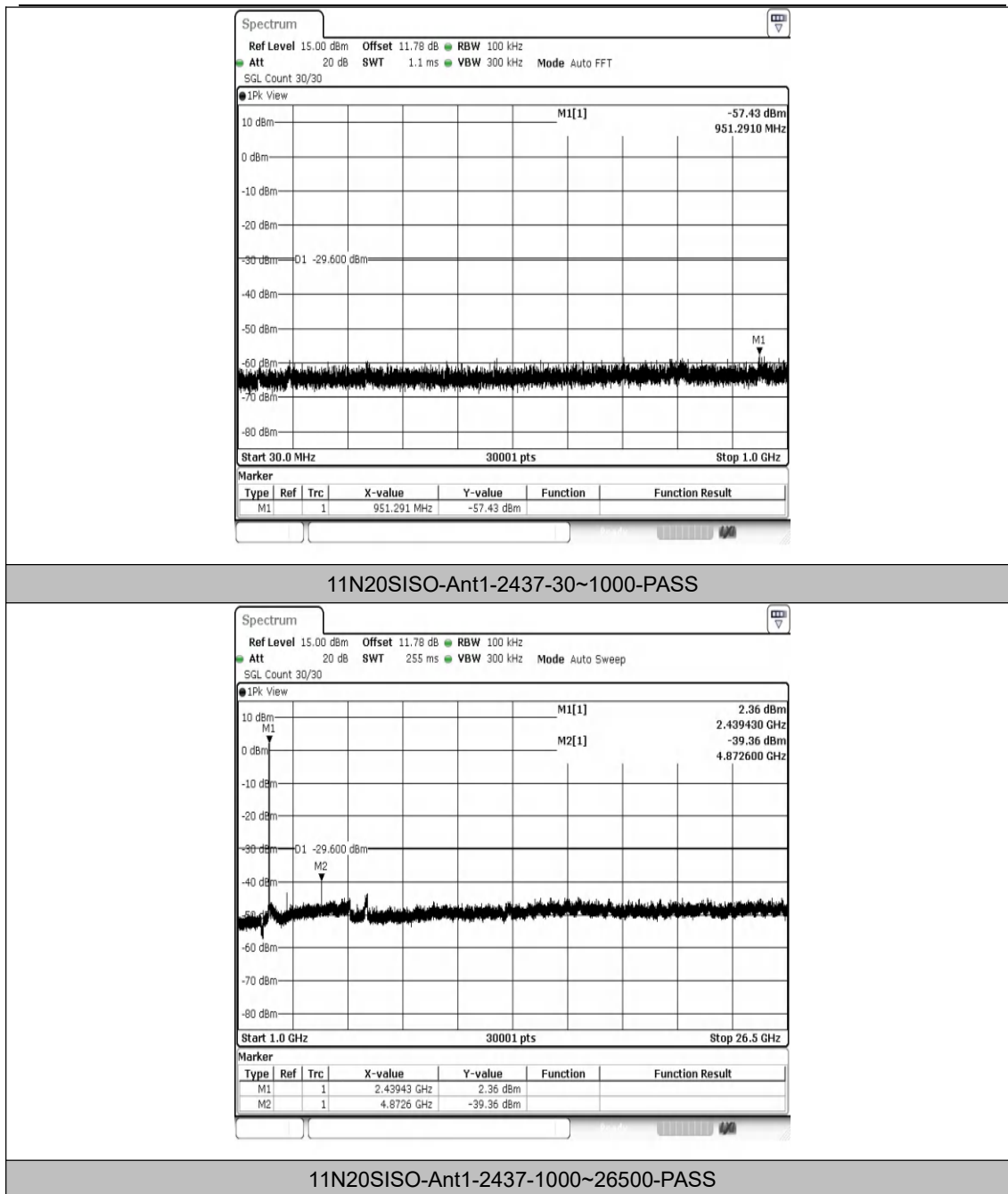


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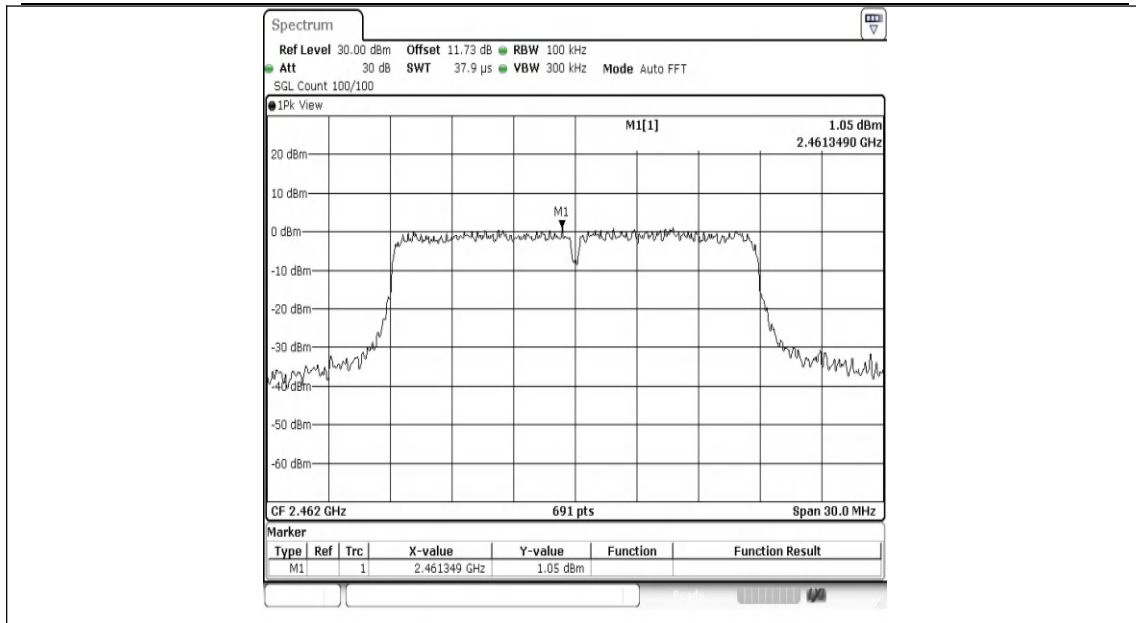




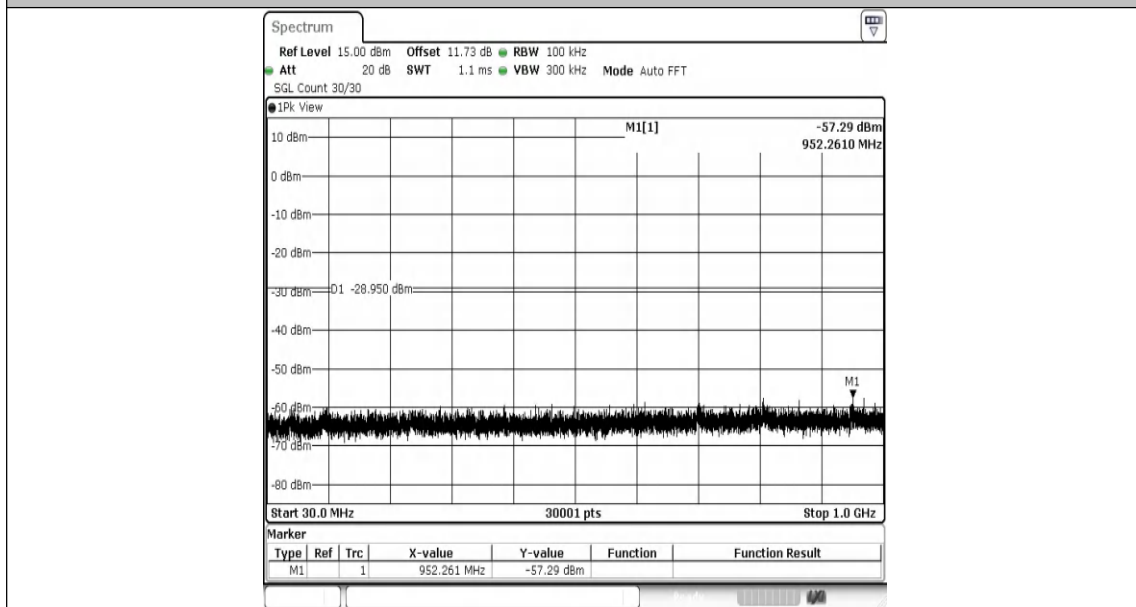
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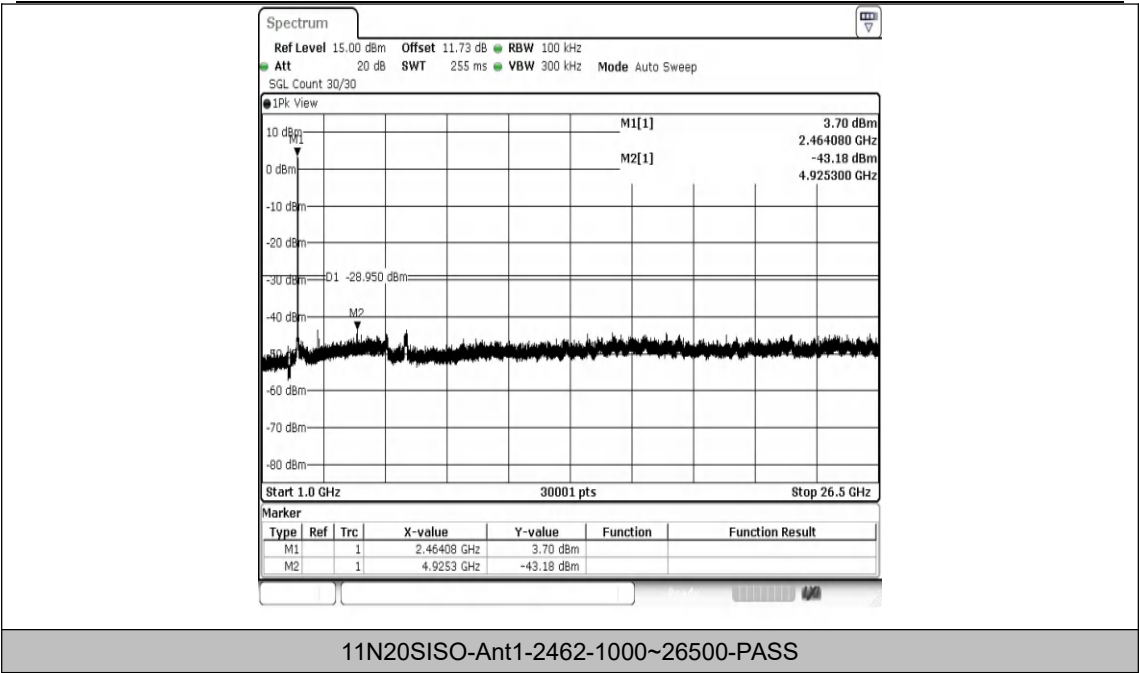
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11N20SISO-Ant1-2462-0~Reference-PASS



11N20SISO-Ant1-2462-30~1000-PASS



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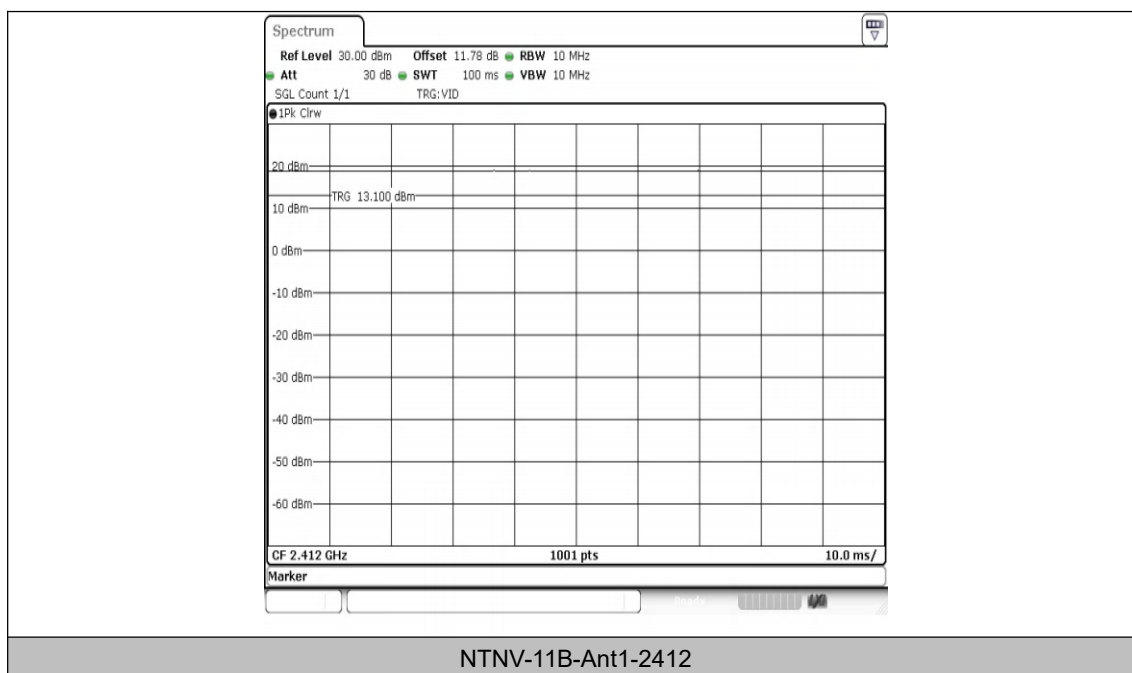
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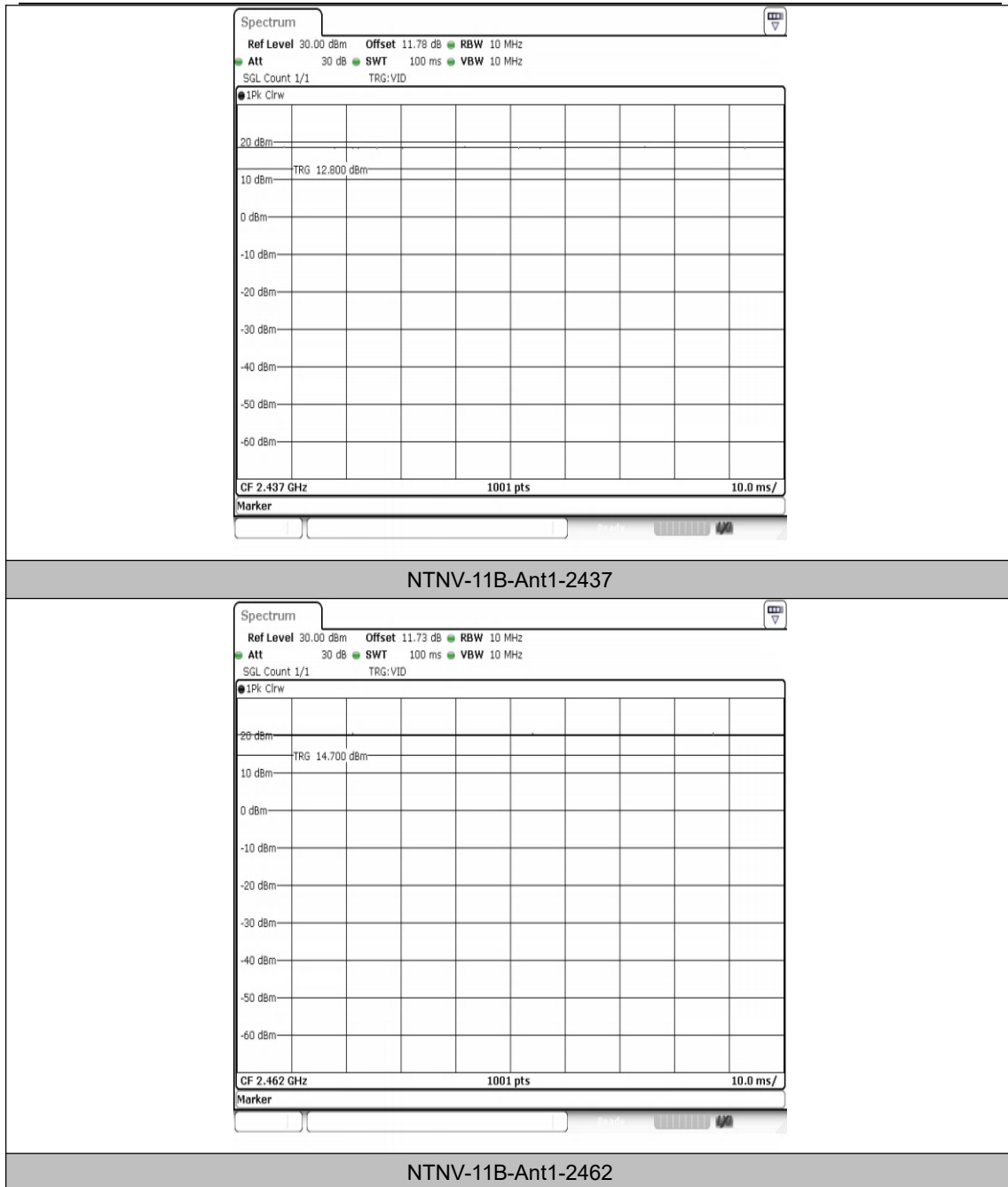
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
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

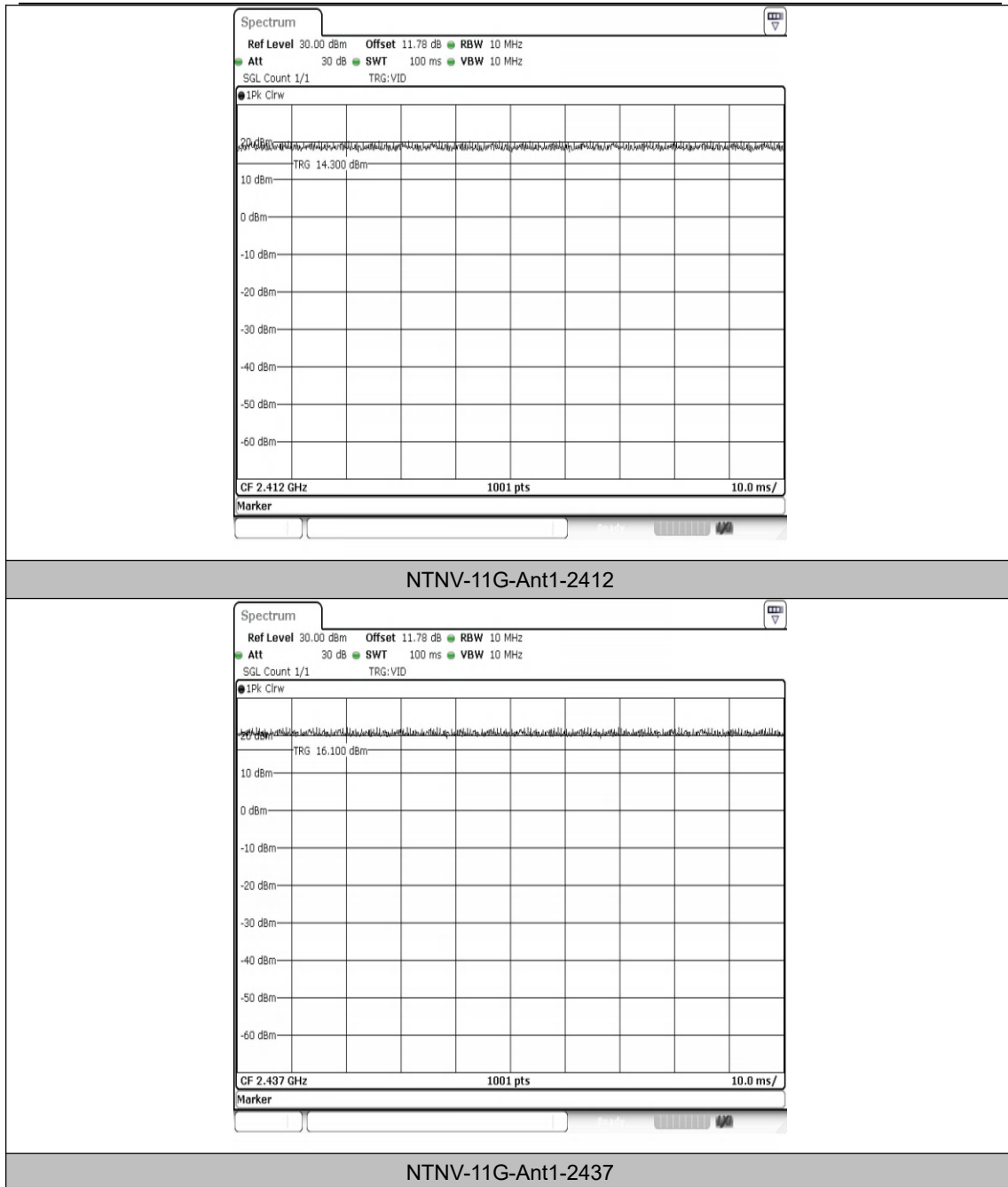




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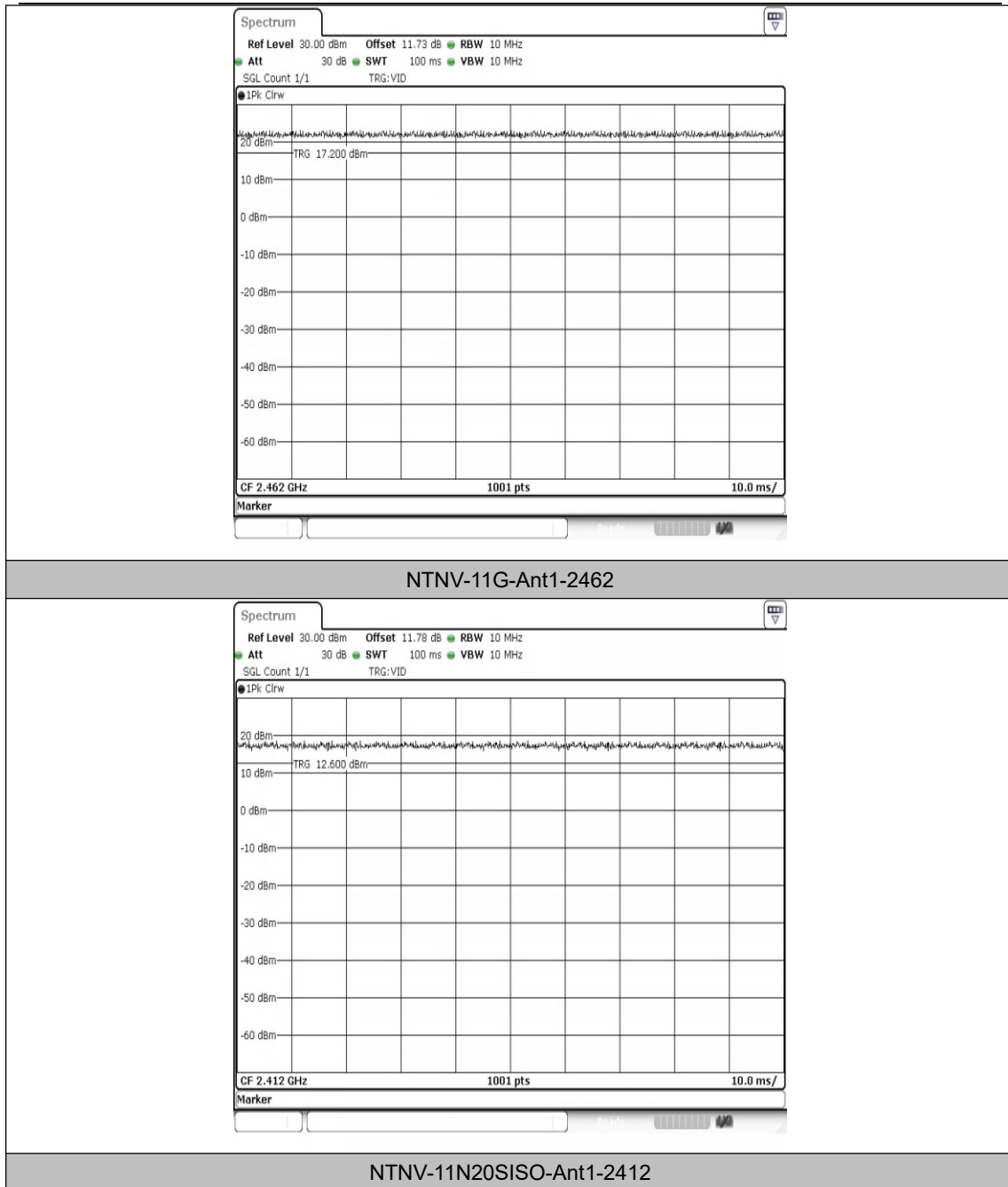
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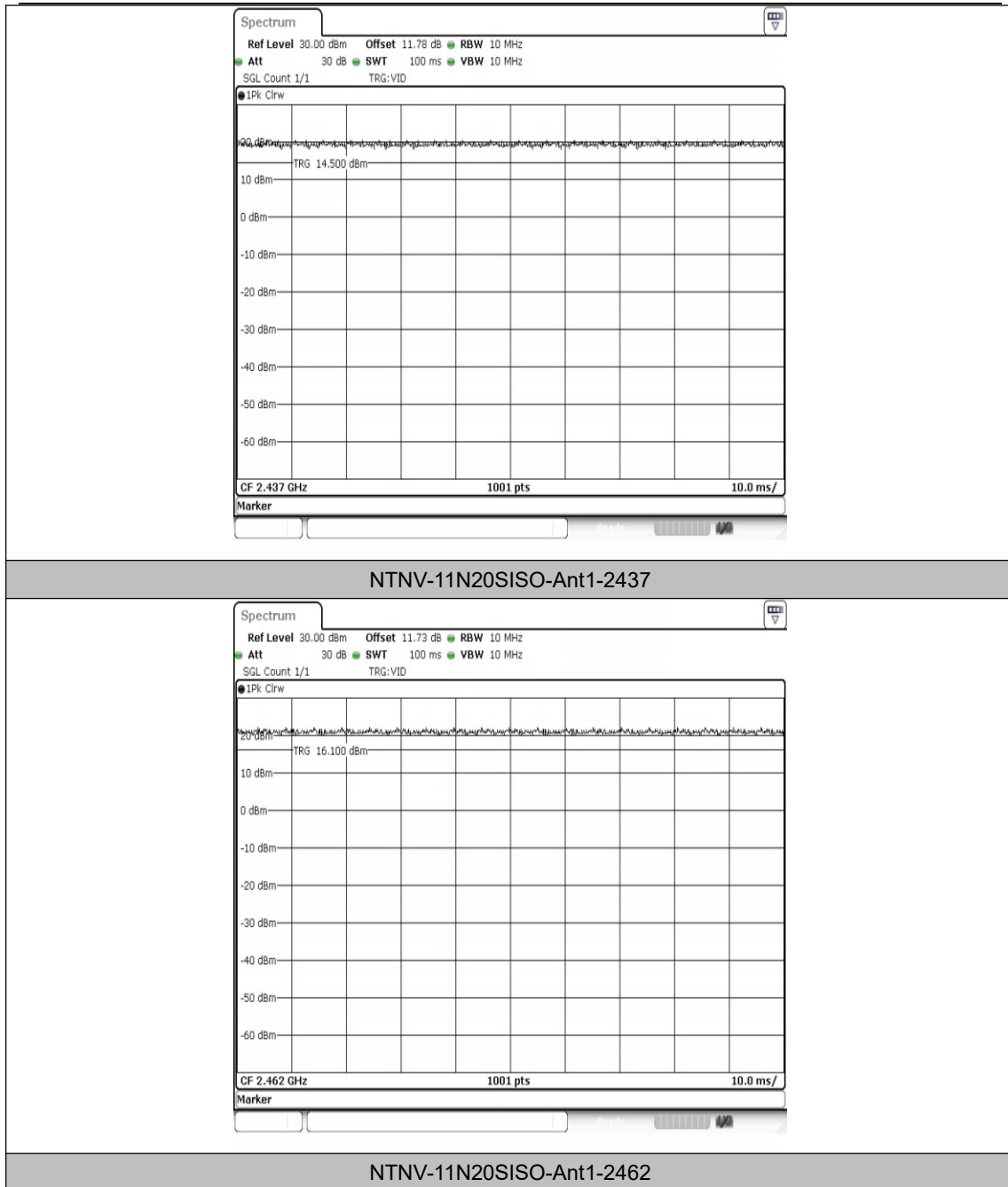
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---End---