

Appendix Test Data

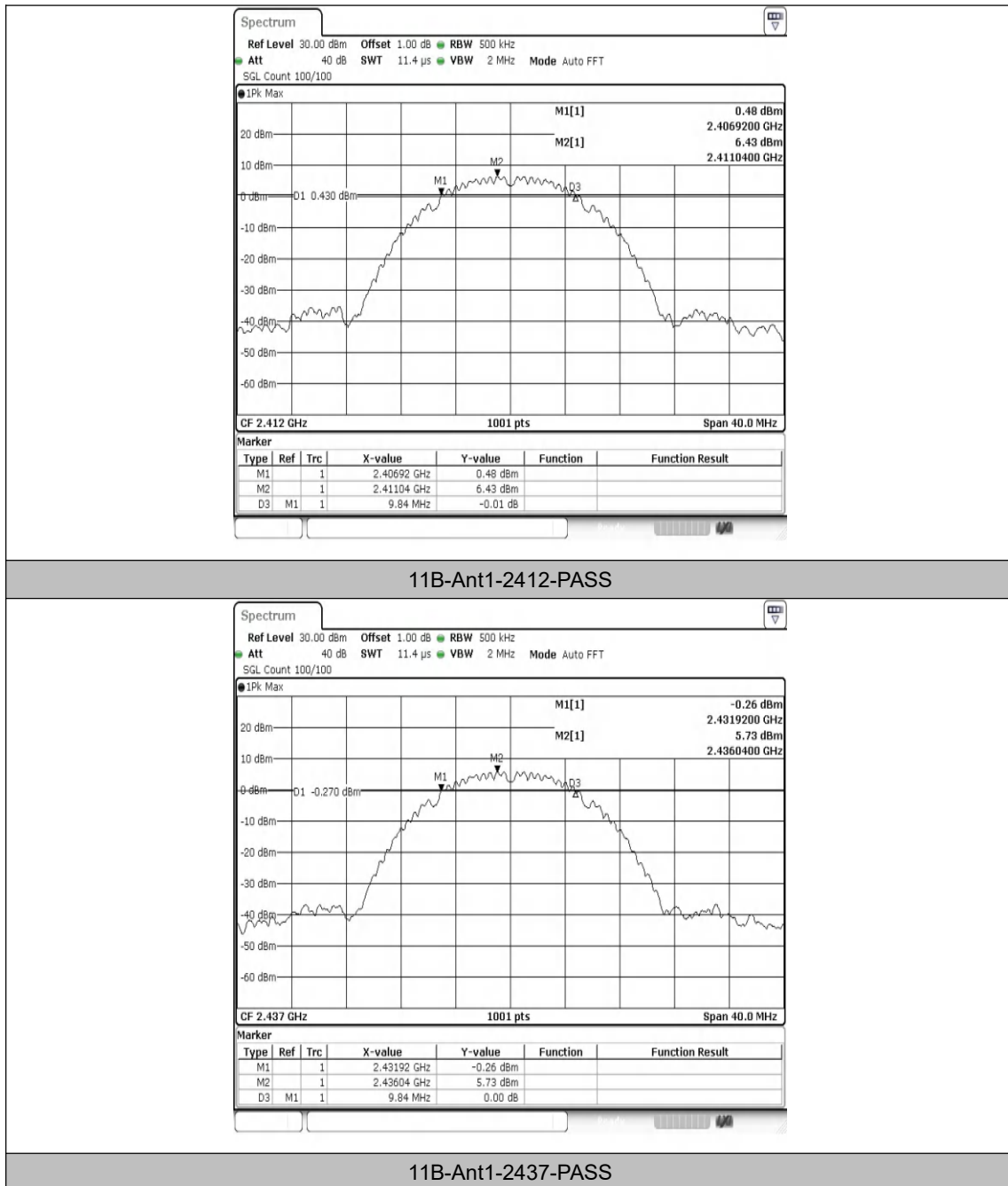
Report No.:	1812C50313012501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-26	Finish Test Date:	2025-7-3
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.3°C	Relative Humidity:	52%
Pressure:	101kPa		

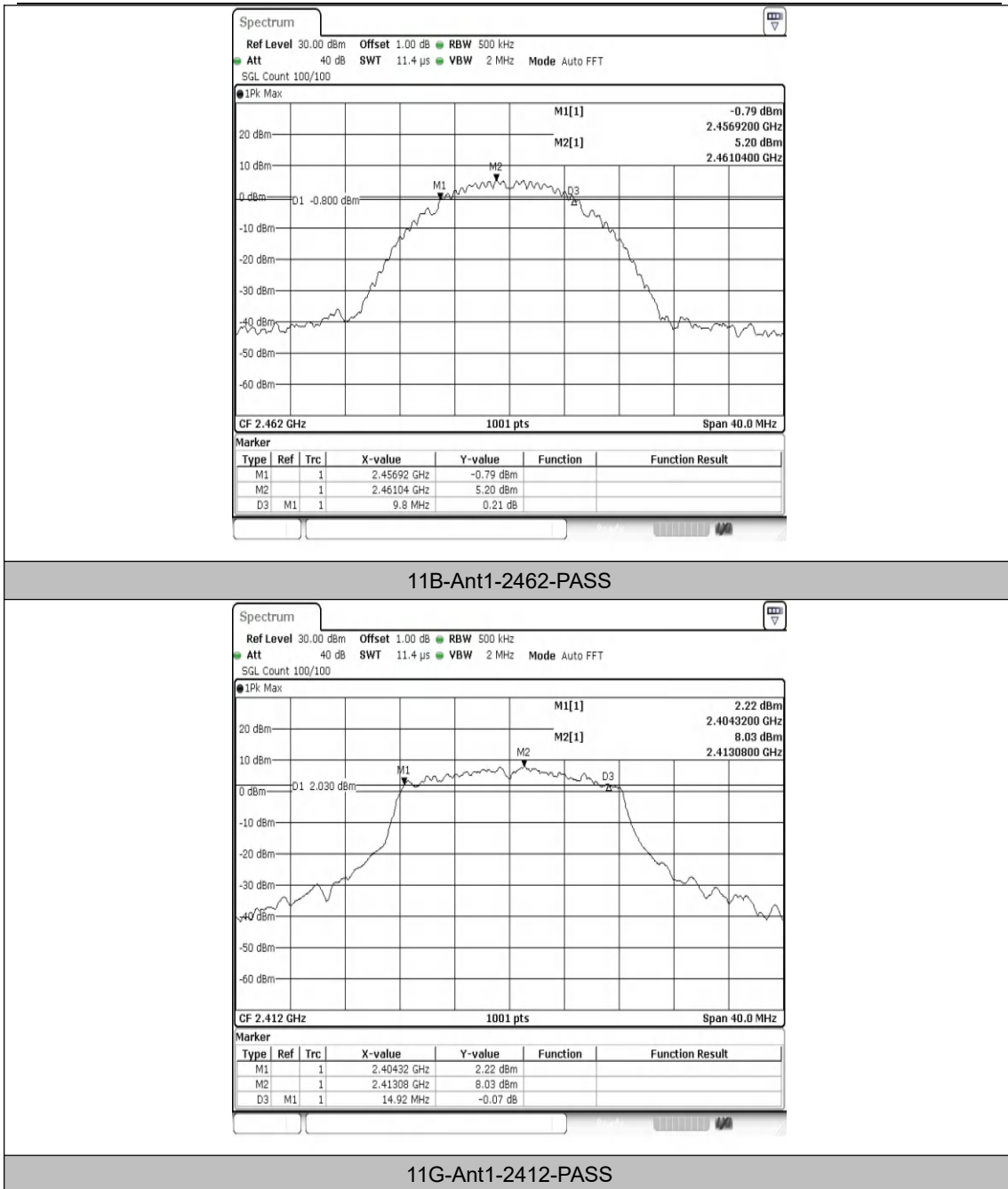
Appendix A: 6dB Bandwidth

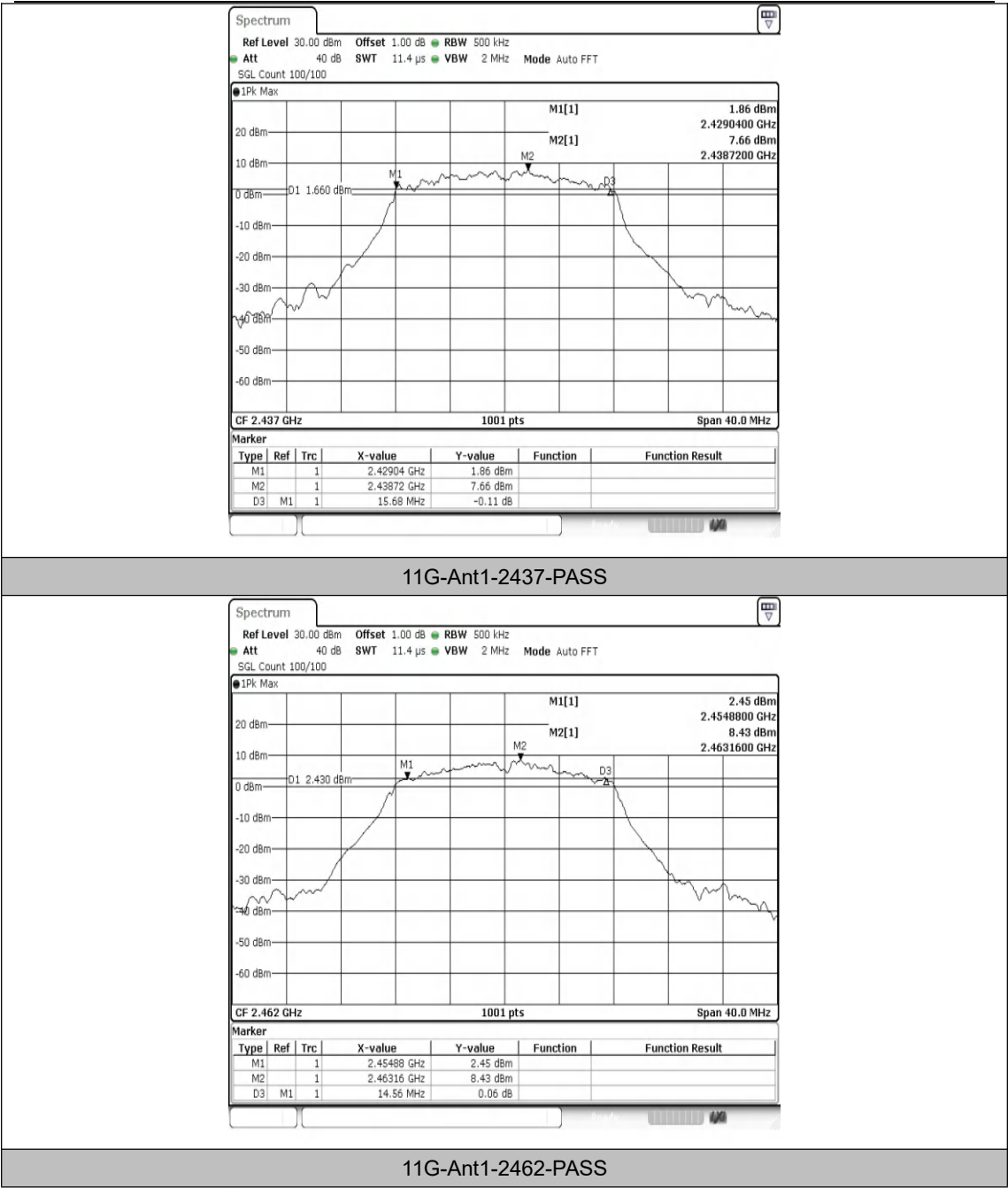
Test Result

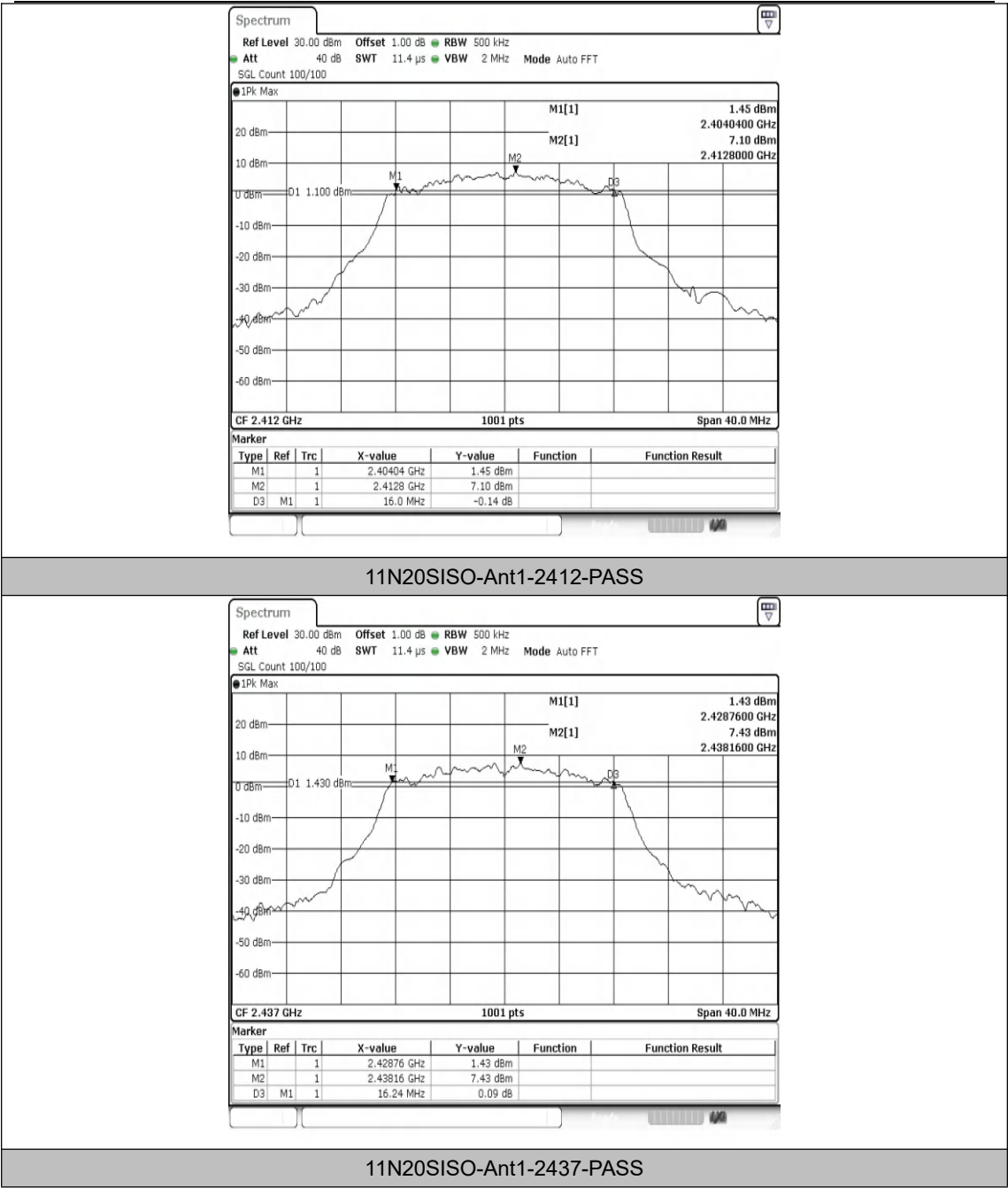
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.84	2406.92	2416.76	0.5	PASS
11B	Ant1	2437	9.84	2431.92	2441.76	0.5	PASS
11B	Ant1	2462	9.80	2456.92	2466.72	0.5	PASS
11G	Ant1	2412	14.92	2404.32	2419.24	0.5	PASS
11G	Ant1	2437	15.68	2429.04	2444.72	0.5	PASS
11G	Ant1	2462	14.56	2454.88	2469.44	0.5	PASS
11N20SISO	Ant1	2412	16.00	2404.04	2420.04	0.5	PASS
11N20SISO	Ant1	2437	16.24	2428.76	2445.00	0.5	PASS
11N20SISO	Ant1	2462	15.72	2453.92	2469.64	0.5	PASS

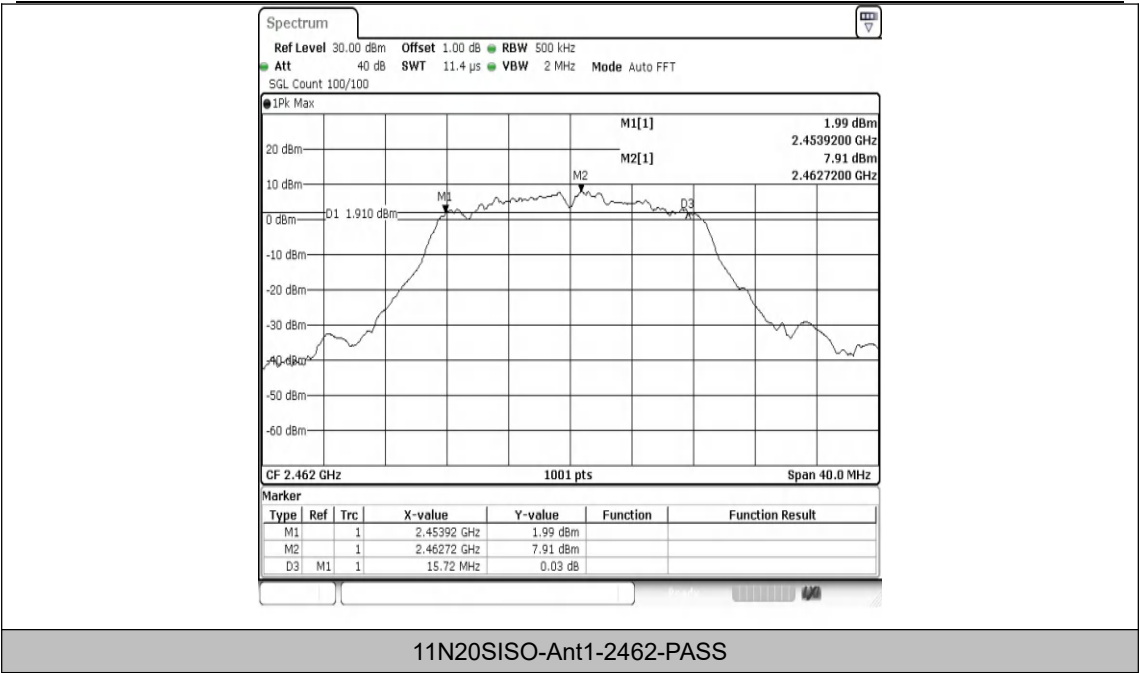
Test Graphs











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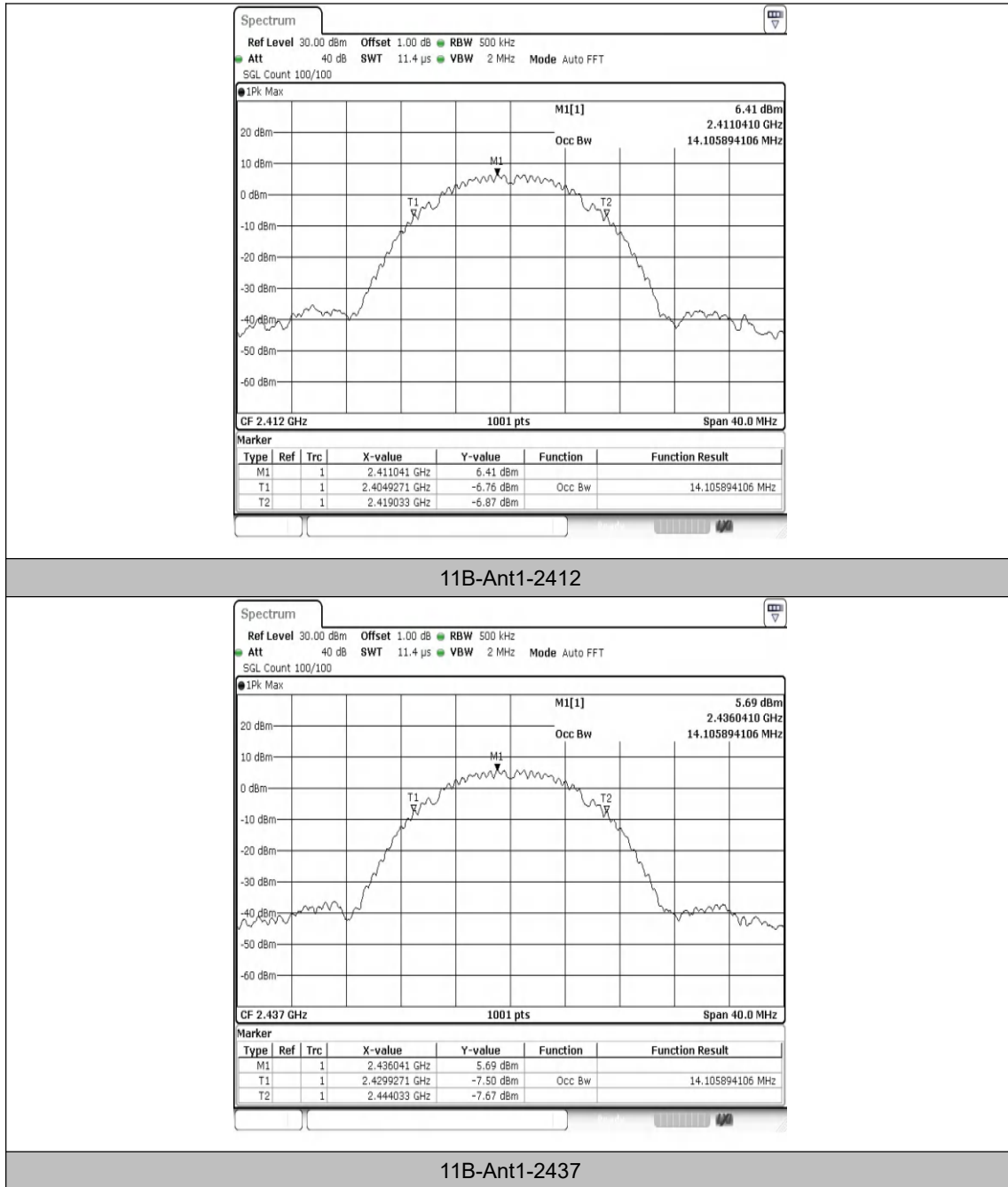
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.106	2404.9271	2419.0330	---	---
11B	Ant1	2437	14.106	2429.9271	2444.0330	---	---
11B	Ant1	2462	14.066	2454.9271	2468.9930	---	---
11G	Ant1	2412	16.424	2403.8082	2420.2318	---	---
11G	Ant1	2437	16.783	2428.5285	2445.3117	---	---
11G	Ant1	2462	16.743	2453.4885	2470.2318	---	---
11N20SISO	Ant1	2412	17.702	2403.1688	2420.8711	---	---
11N20SISO	Ant1	2437	17.622	2428.2488	2445.8711	---	---
11N20SISO	Ant1	2462	17.662	2453.2088	2470.8711	---	---

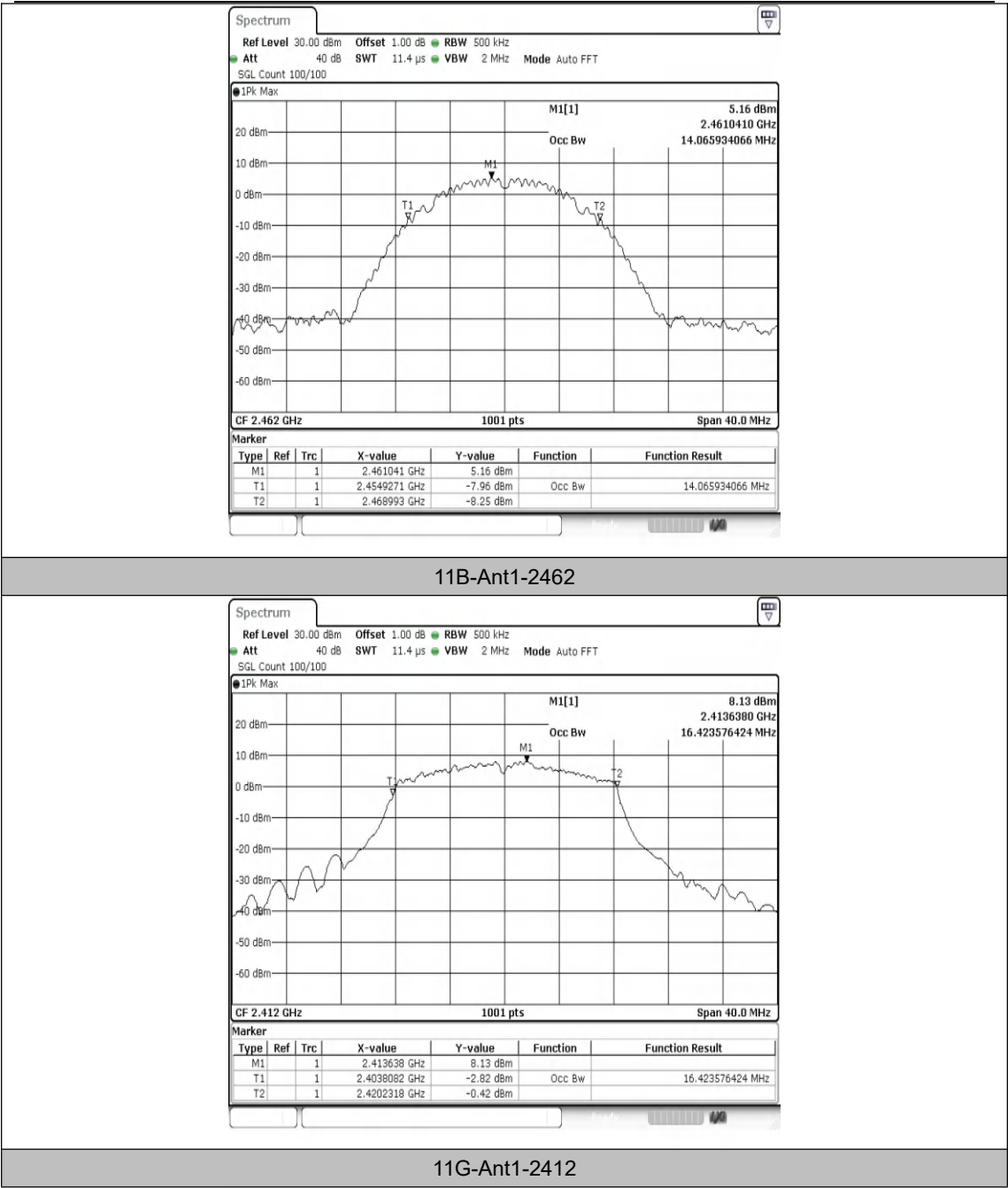
Test Graphs

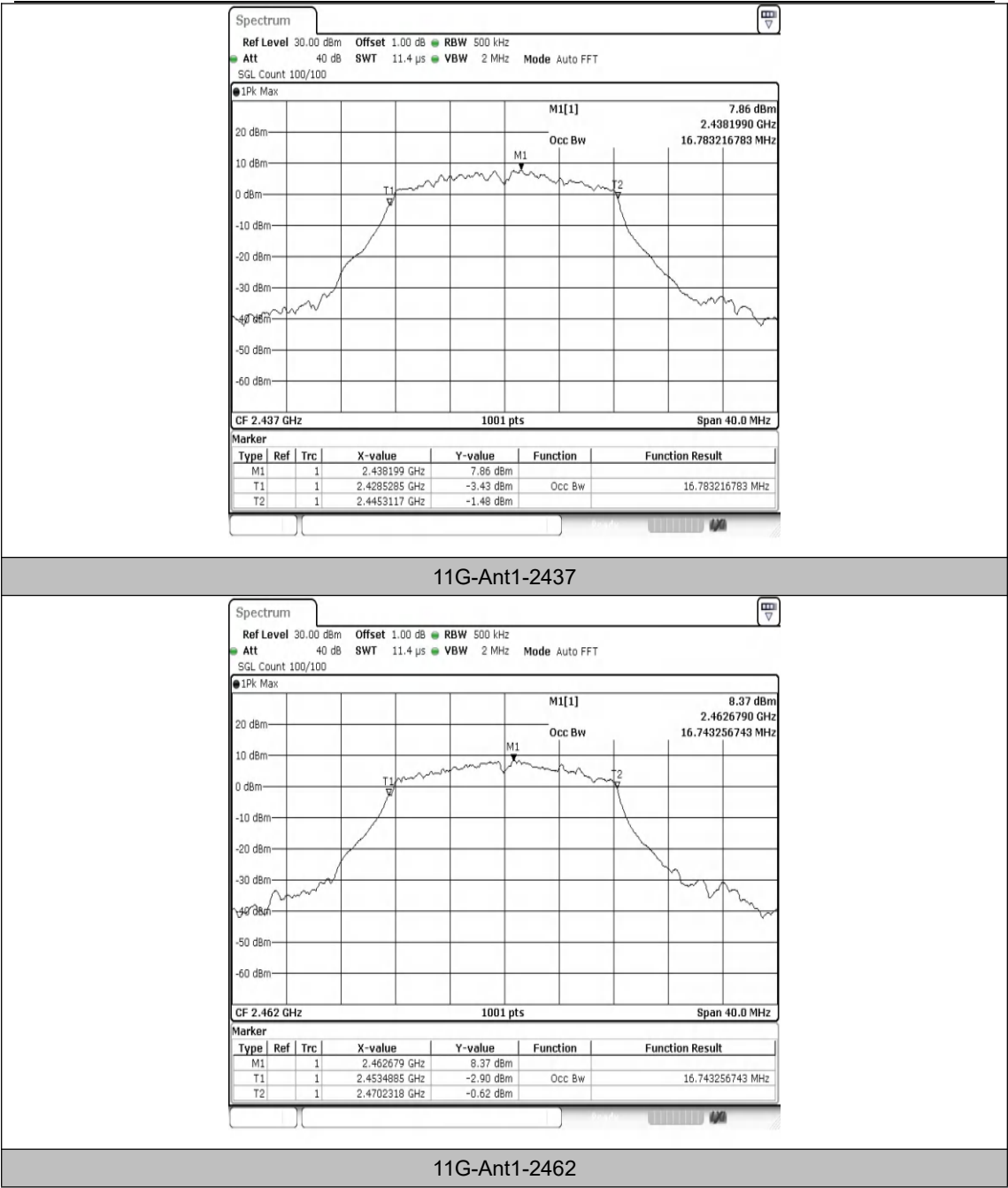


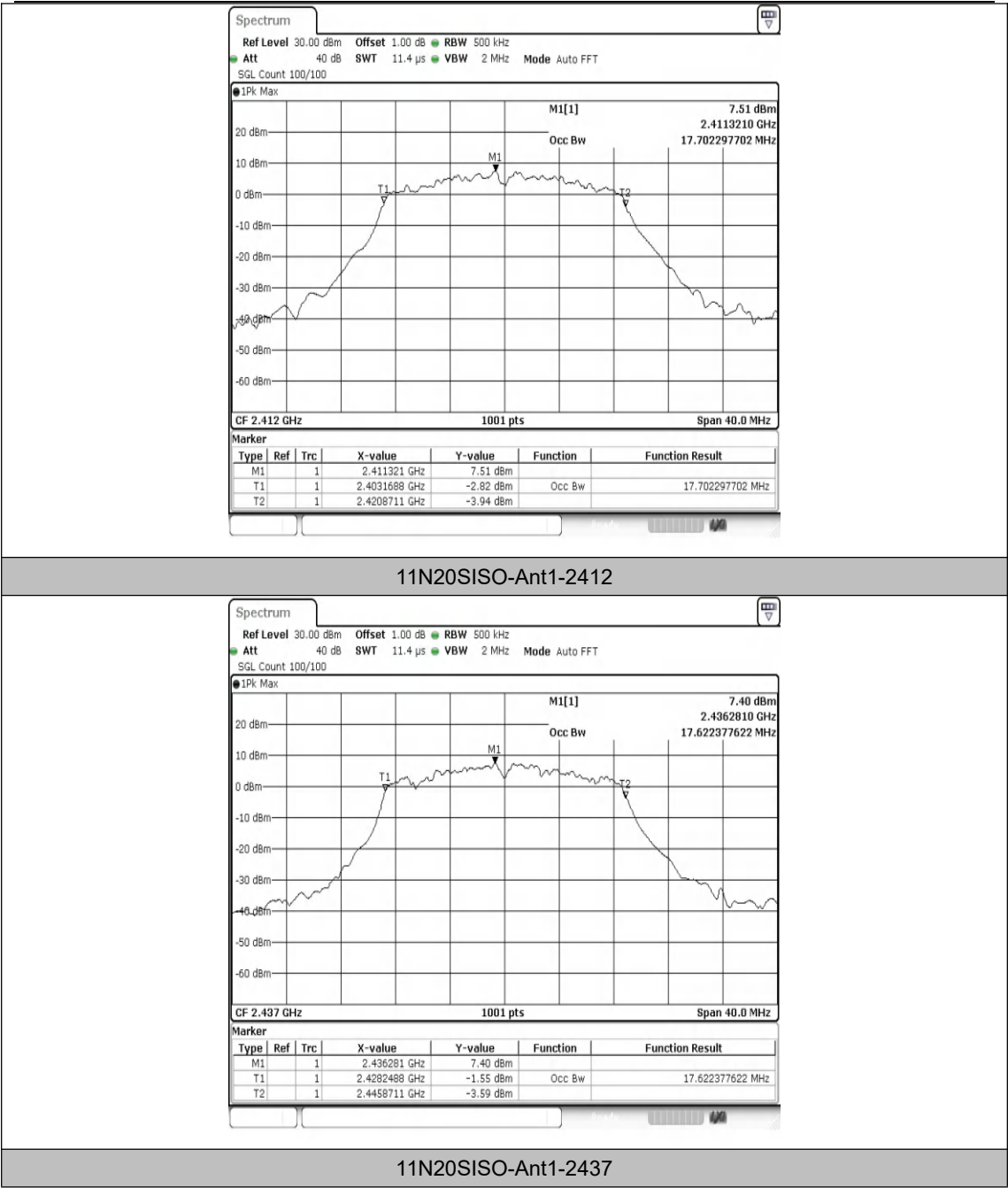
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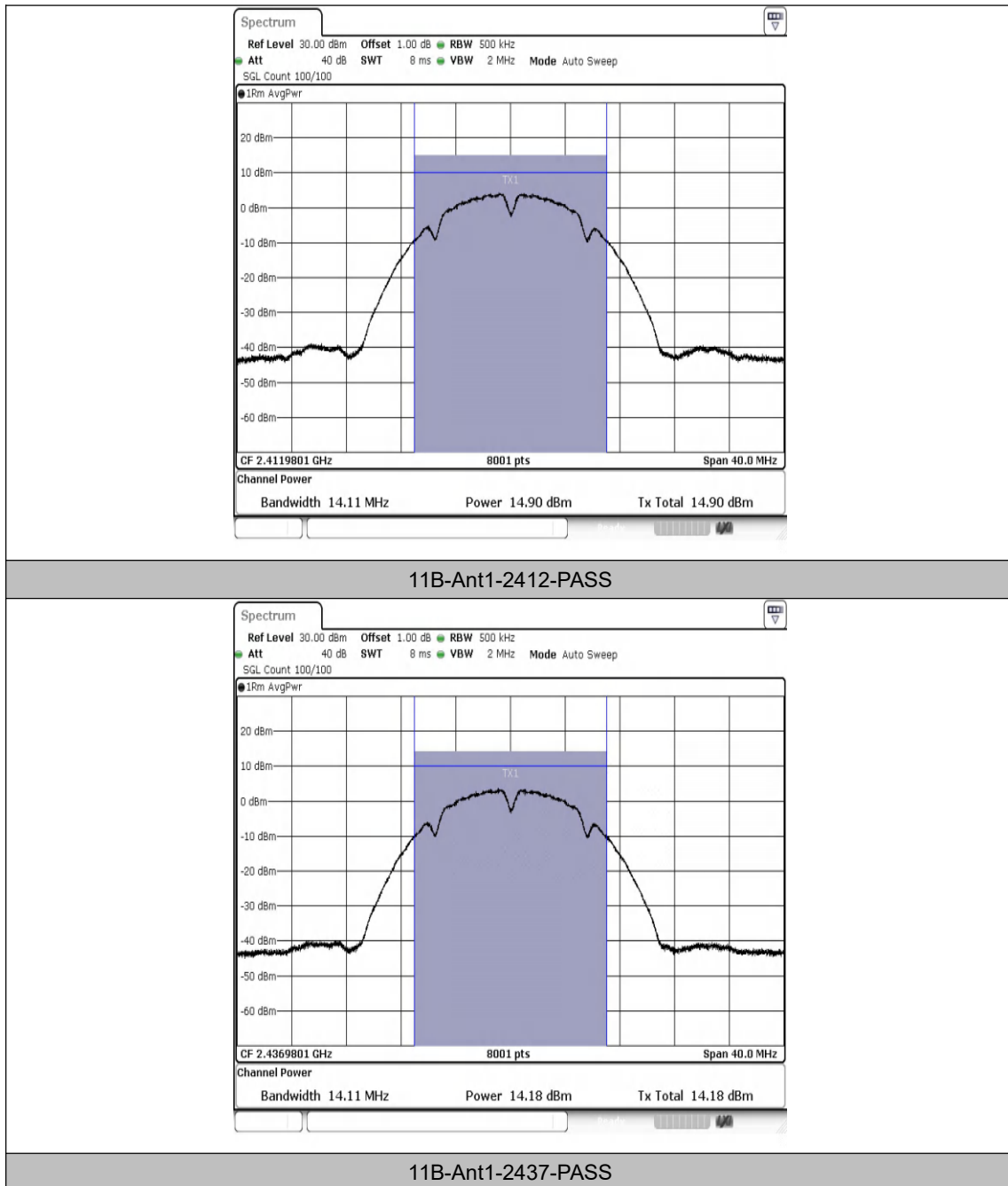
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.90	≤30.00	PASS
11B	Ant1	2437	14.18	≤30.00	PASS
11B	Ant1	2462	13.60	≤30.00	PASS
11G	Ant1	2412	14.46	≤30.00	PASS
11G	Ant1	2437	14.40	≤30.00	PASS
11G	Ant1	2462	14.83	≤30.00	PASS
11N20SISO	Ant1	2412	13.82	≤30.00	PASS
11N20SISO	Ant1	2437	14.11	≤30.00	PASS
11N20SISO	Ant1	2462	14.53	≤30.00	PASS

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

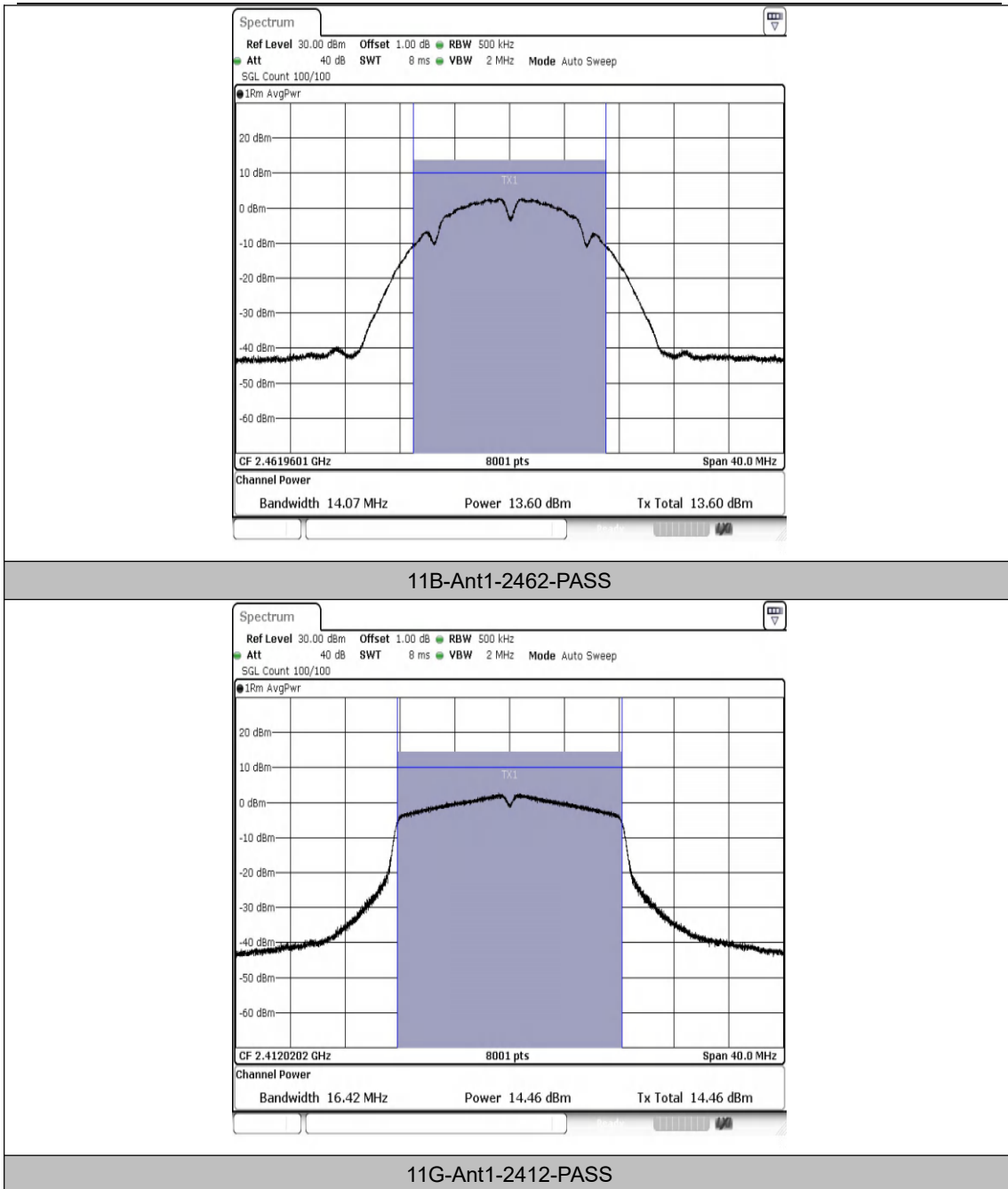
Test Graphs Average



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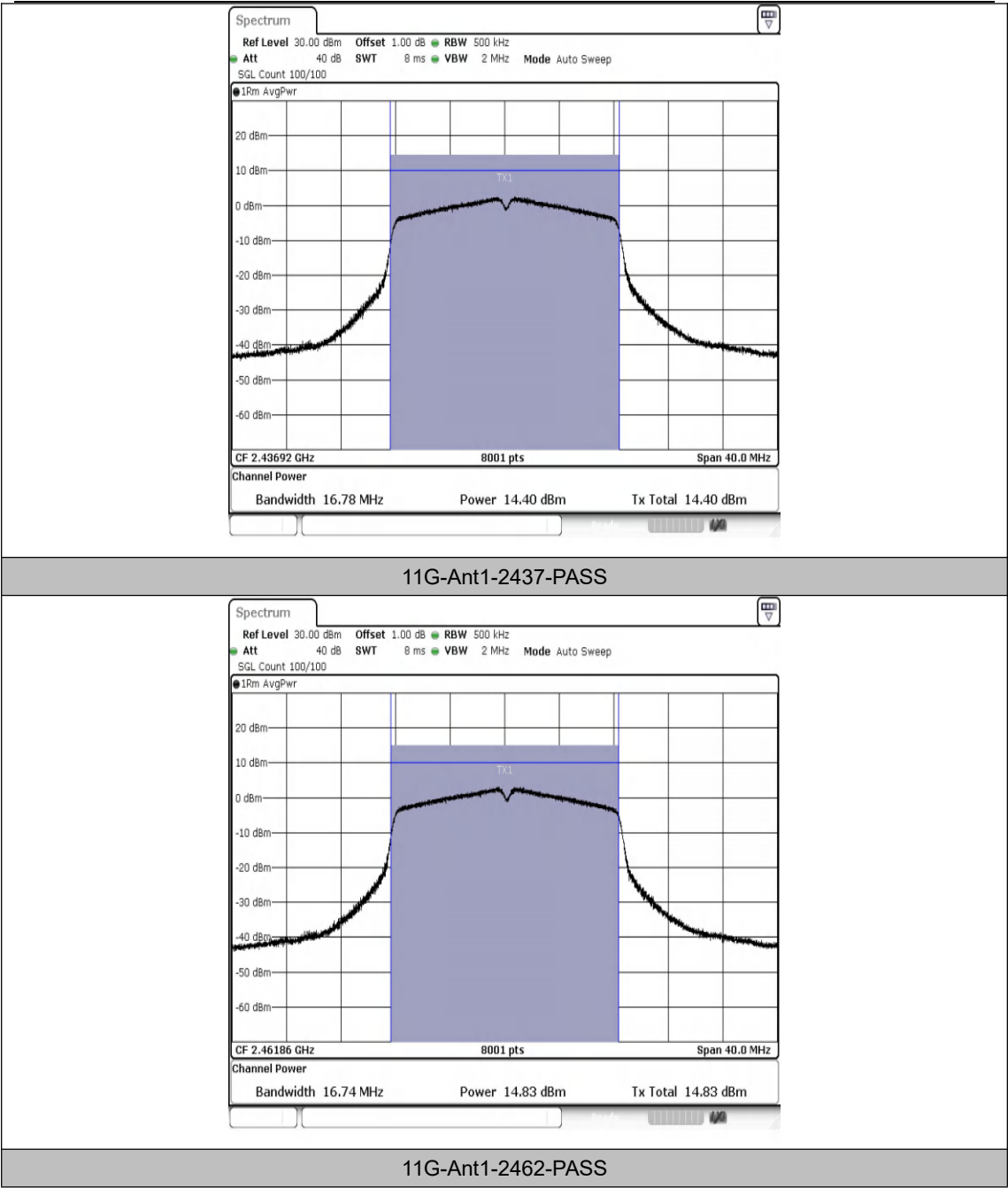
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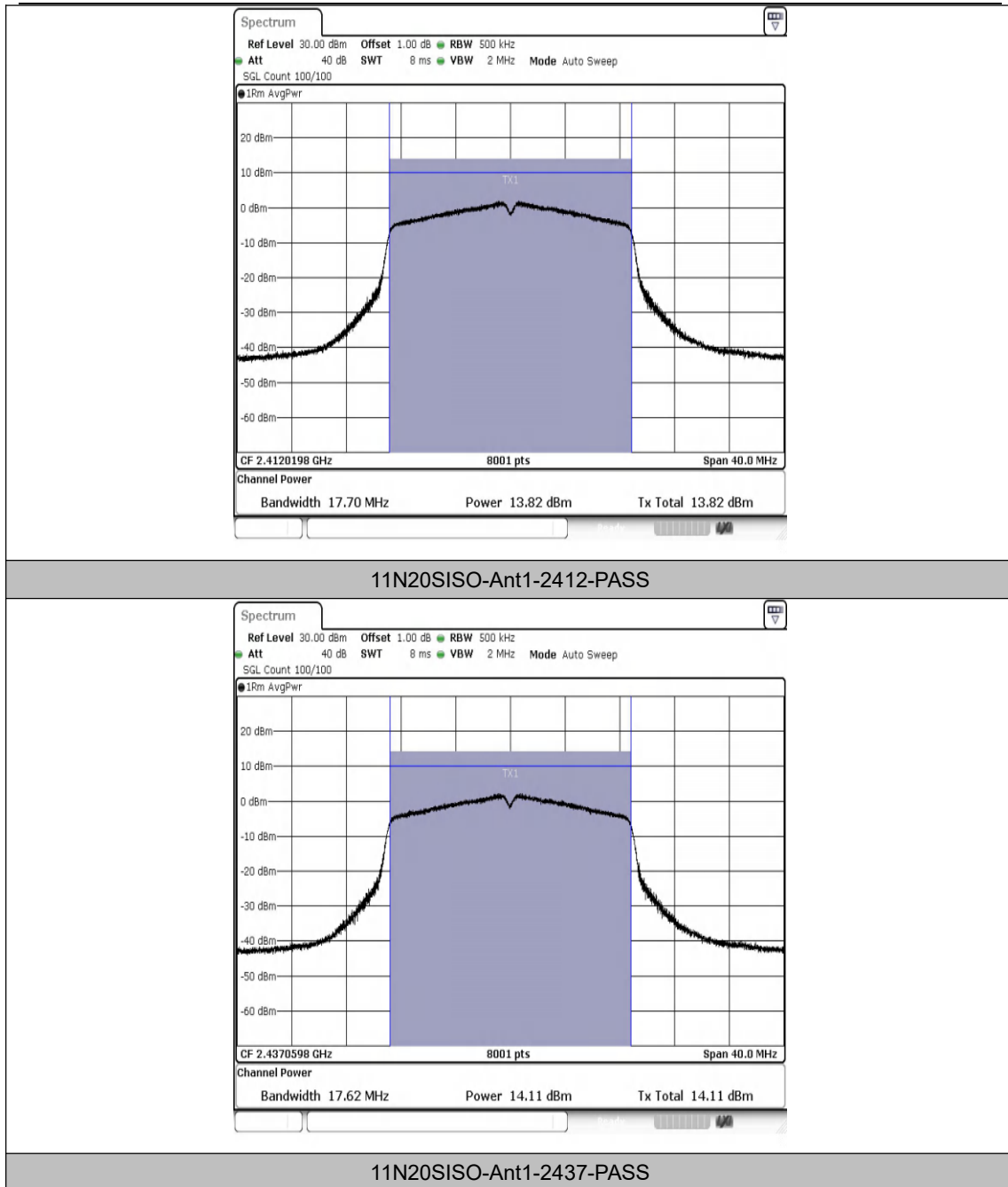


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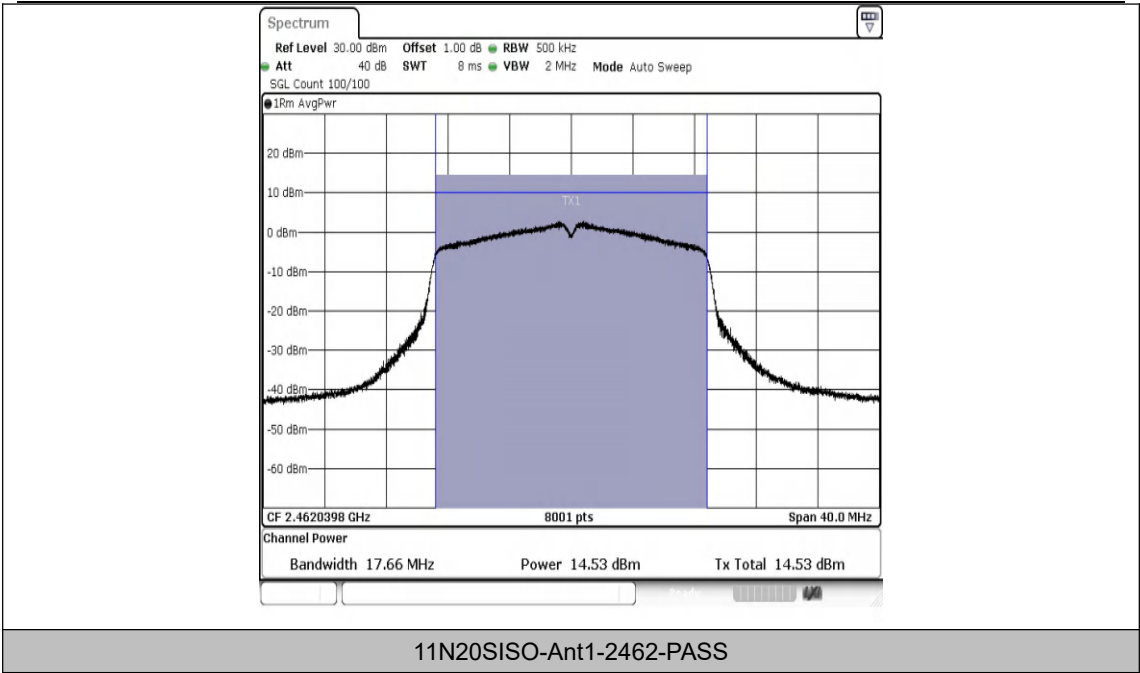




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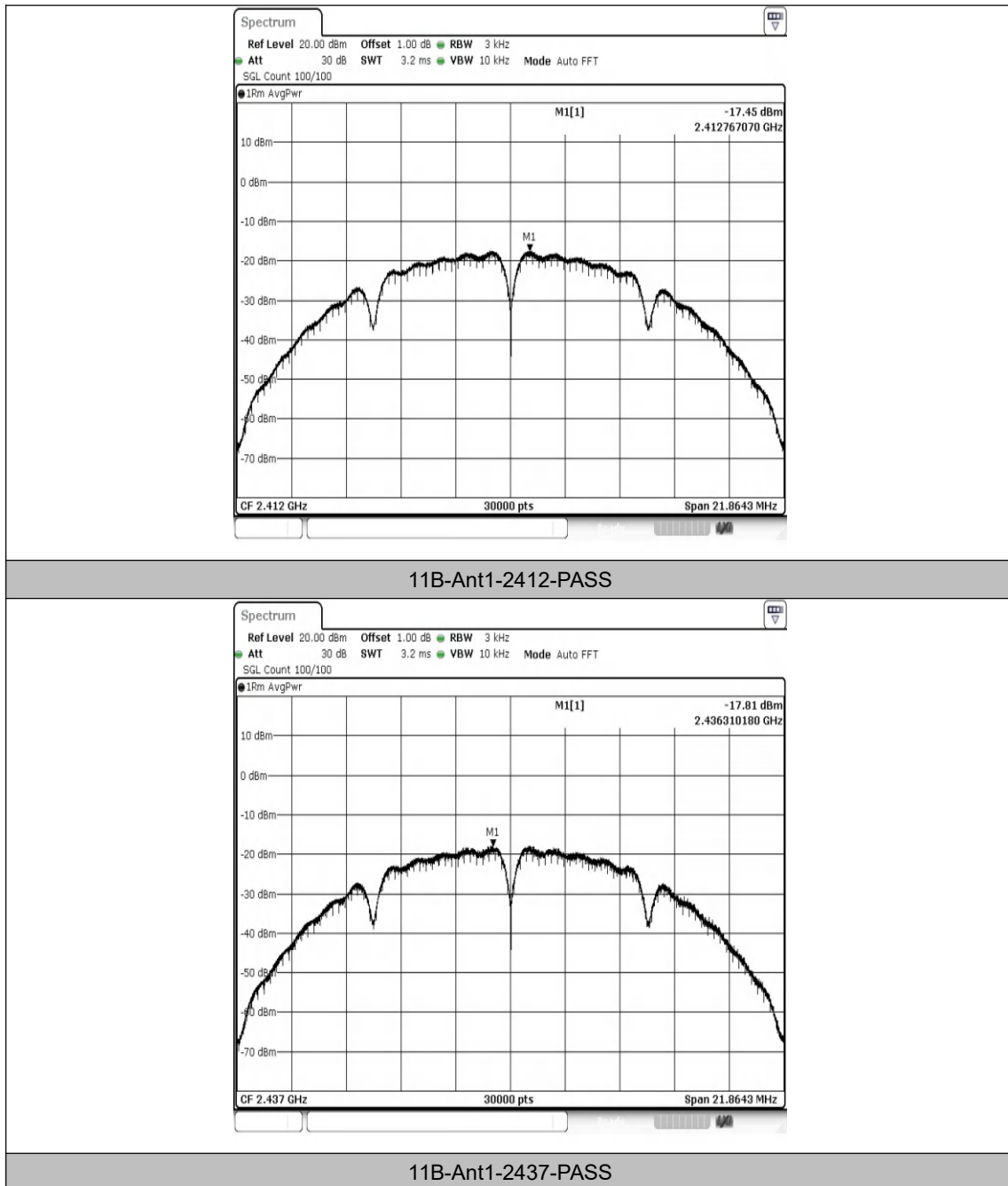
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-17.45	≤8.00	PASS
11B	Ant1	2437	-17.81	≤8.00	PASS
11B	Ant1	2462	-18.45	≤8.00	PASS
11G	Ant1	2412	-16.37	≤8.00	PASS
11G	Ant1	2437	-15.88	≤8.00	PASS
11G	Ant1	2462	-15.87	≤8.00	PASS
11N20SISO	Ant1	2412	-17.61	≤8.00	PASS
11N20SISO	Ant1	2437	-17.06	≤8.00	PASS
11N20SISO	Ant1	2462	-16.59	≤8.00	PASS

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

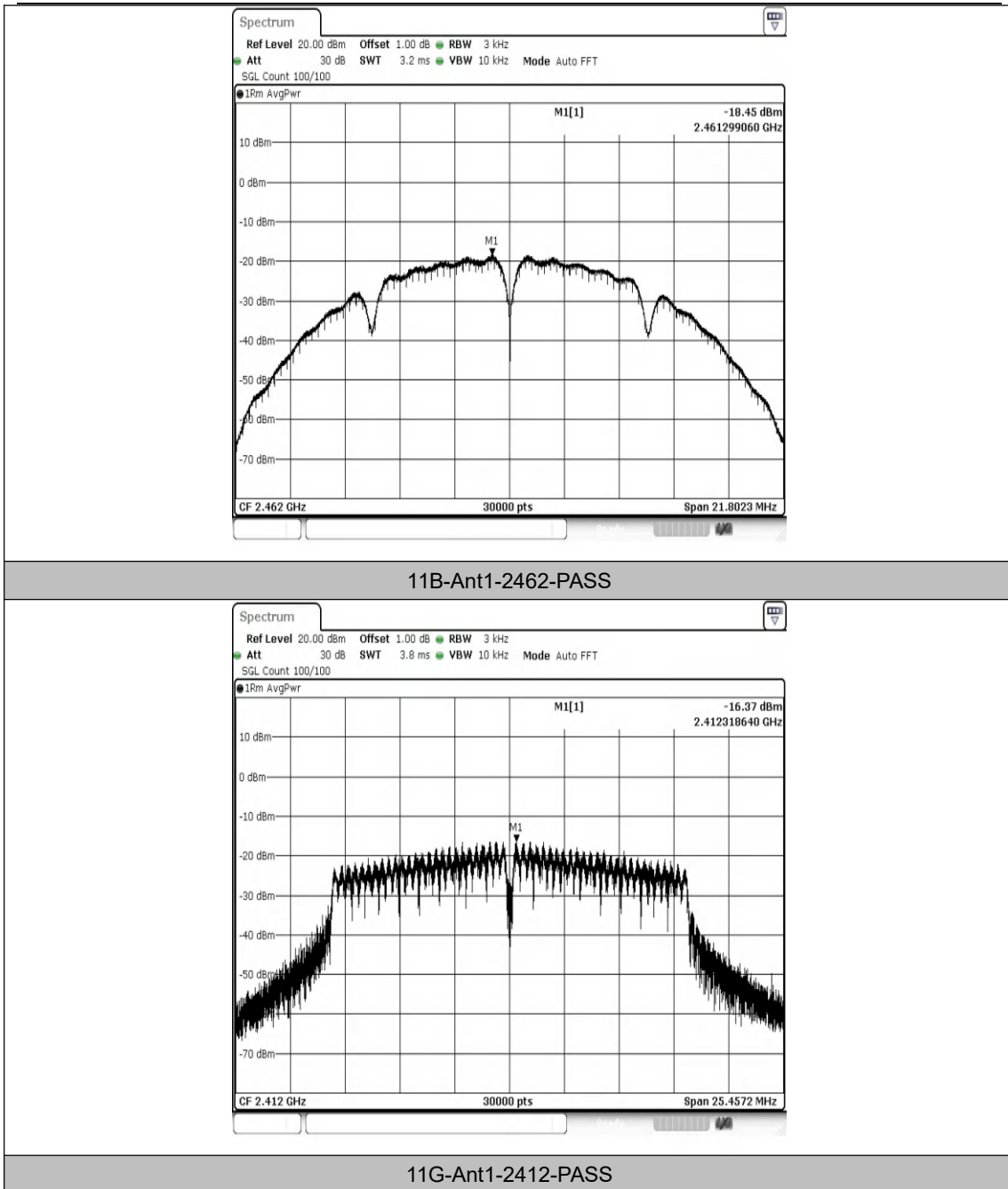
Test Graphs



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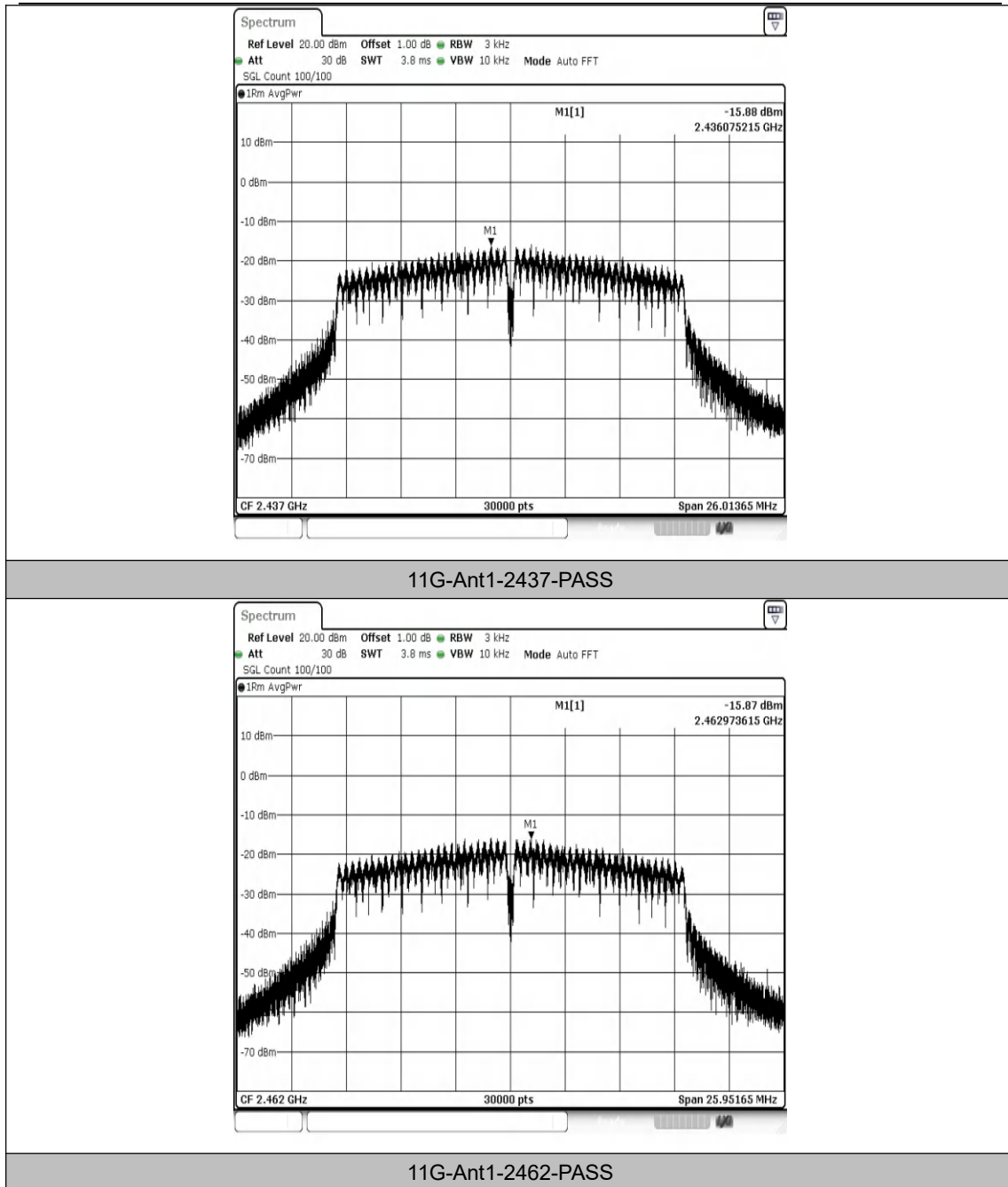
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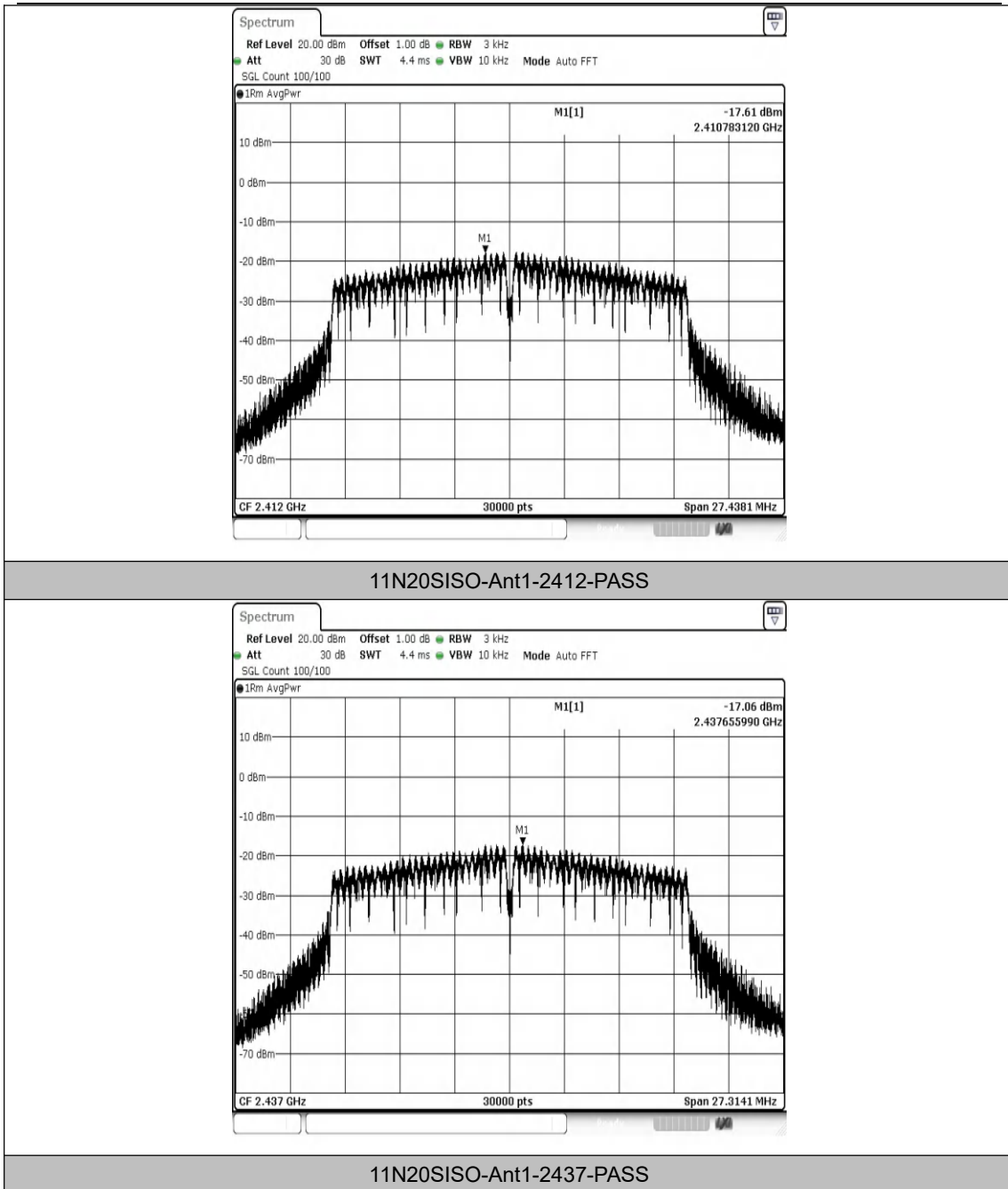
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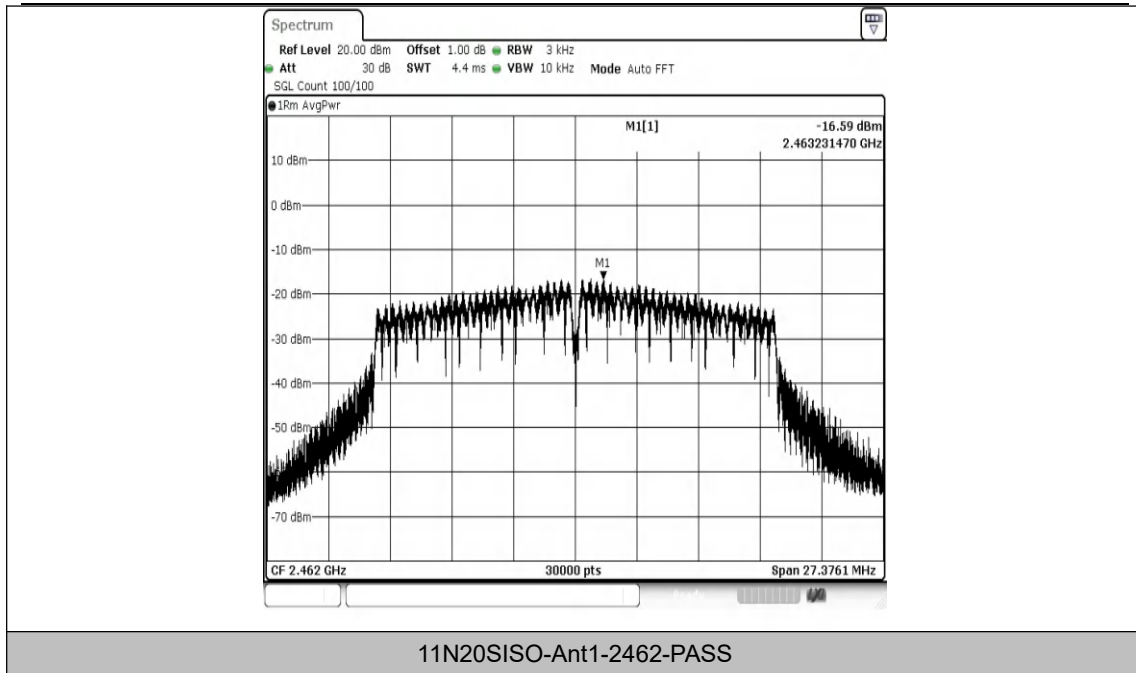
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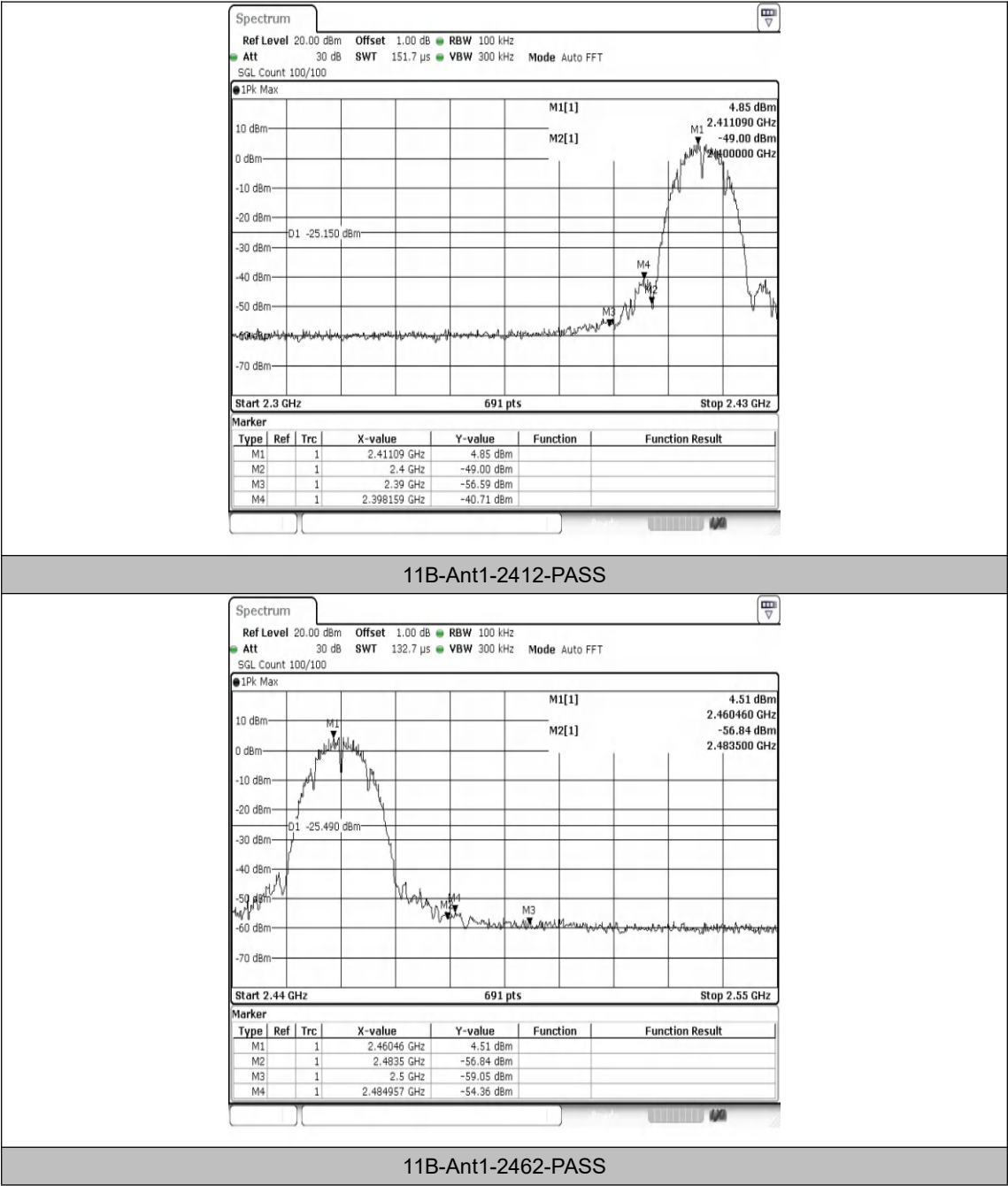
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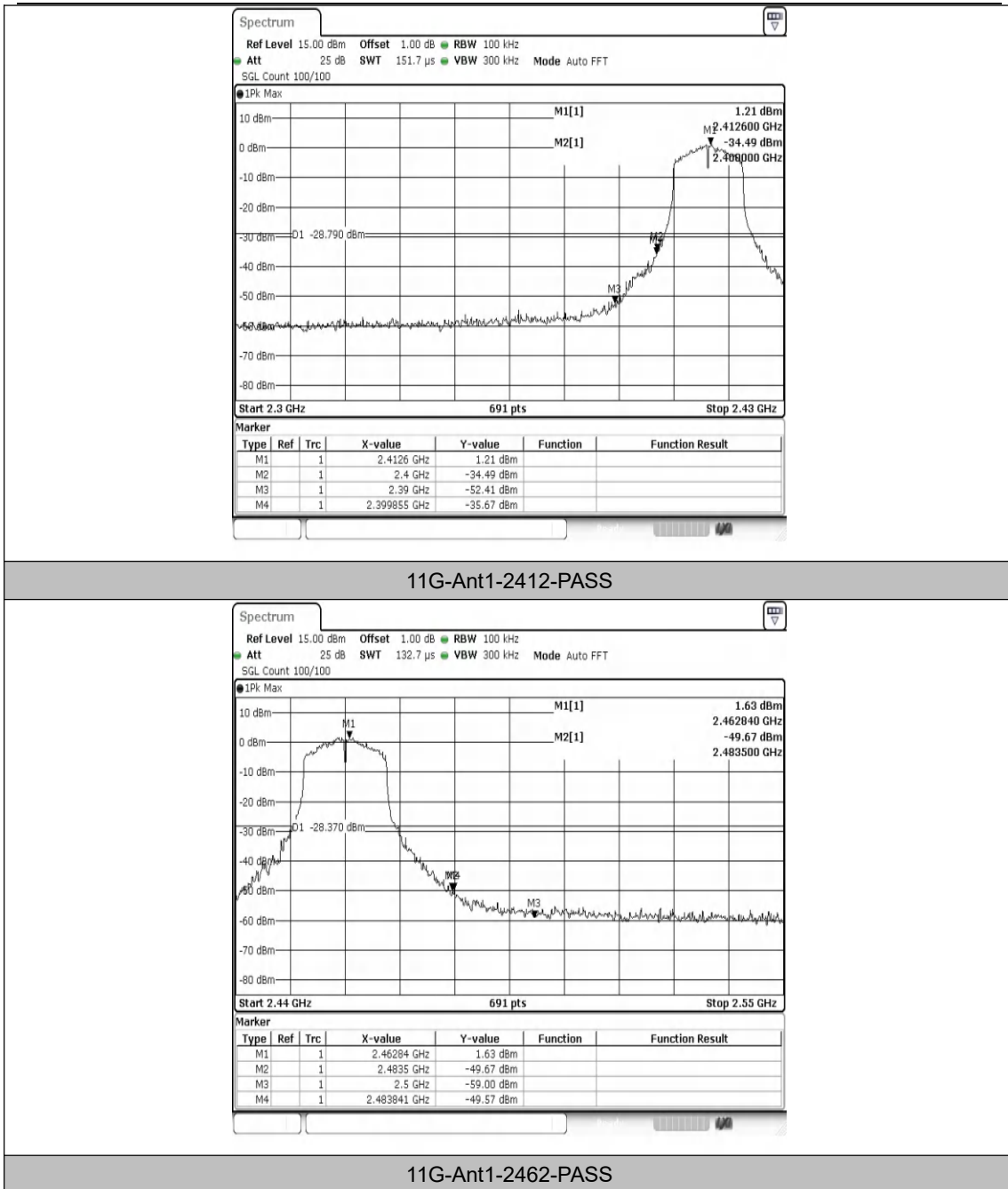
Appendix E: Conducted Band edge

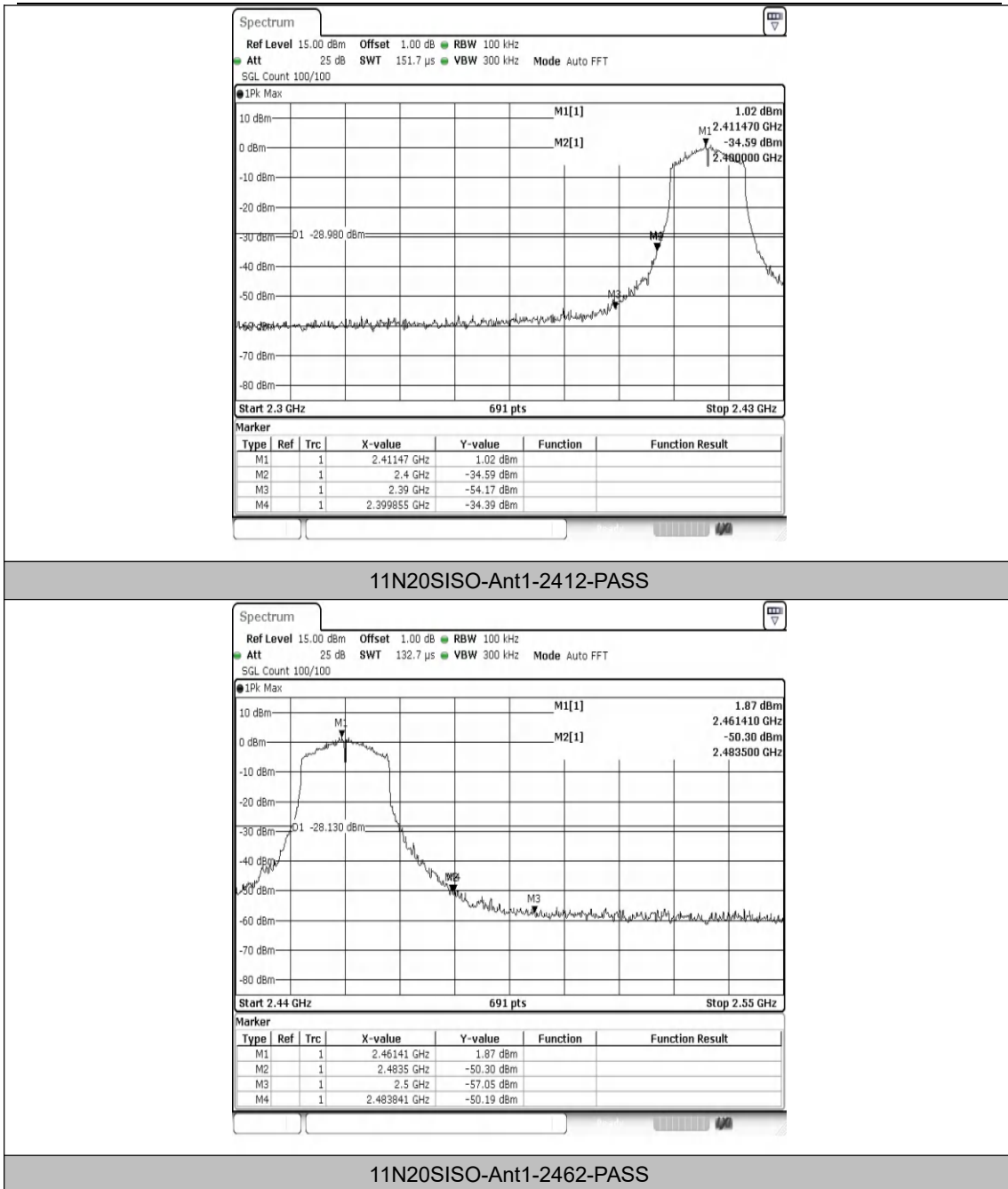
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.85	-40.71	≤-25.15	PASS
11B	Ant1	High	2462	4.51	-54.36	≤-25.49	PASS
11G	Ant1	Low	2412	1.21	-35.67	≤-28.79	PASS
11G	Ant1	High	2462	1.63	-49.57	≤-28.37	PASS
11N20SISO	Ant1	Low	2412	1.02	-34.39	≤-28.98	PASS
11N20SISO	Ant1	High	2462	1.87	-50.19	≤-28.13	PASS

Test Graphs







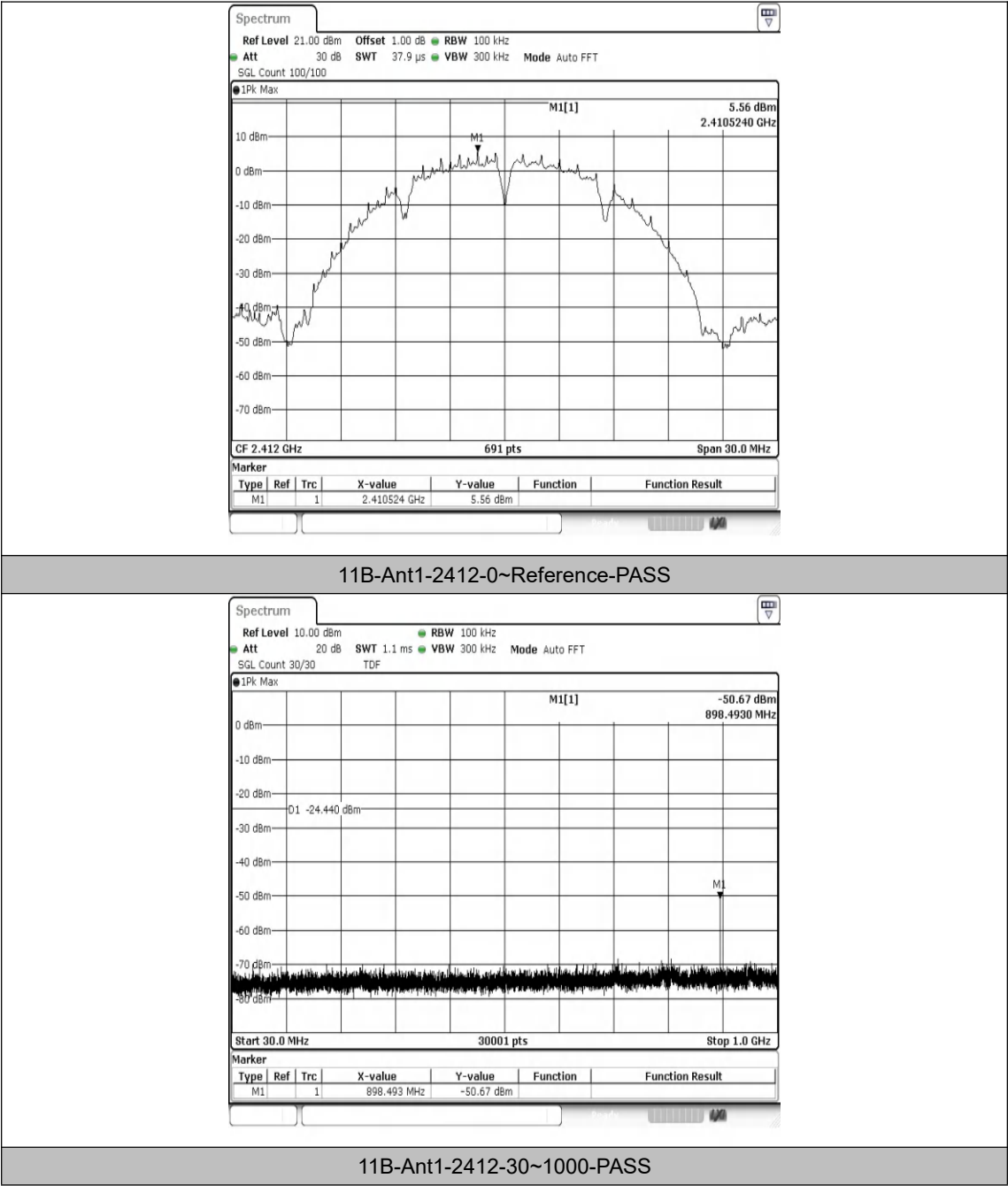
Appendix F: Conducted Spurious Emission

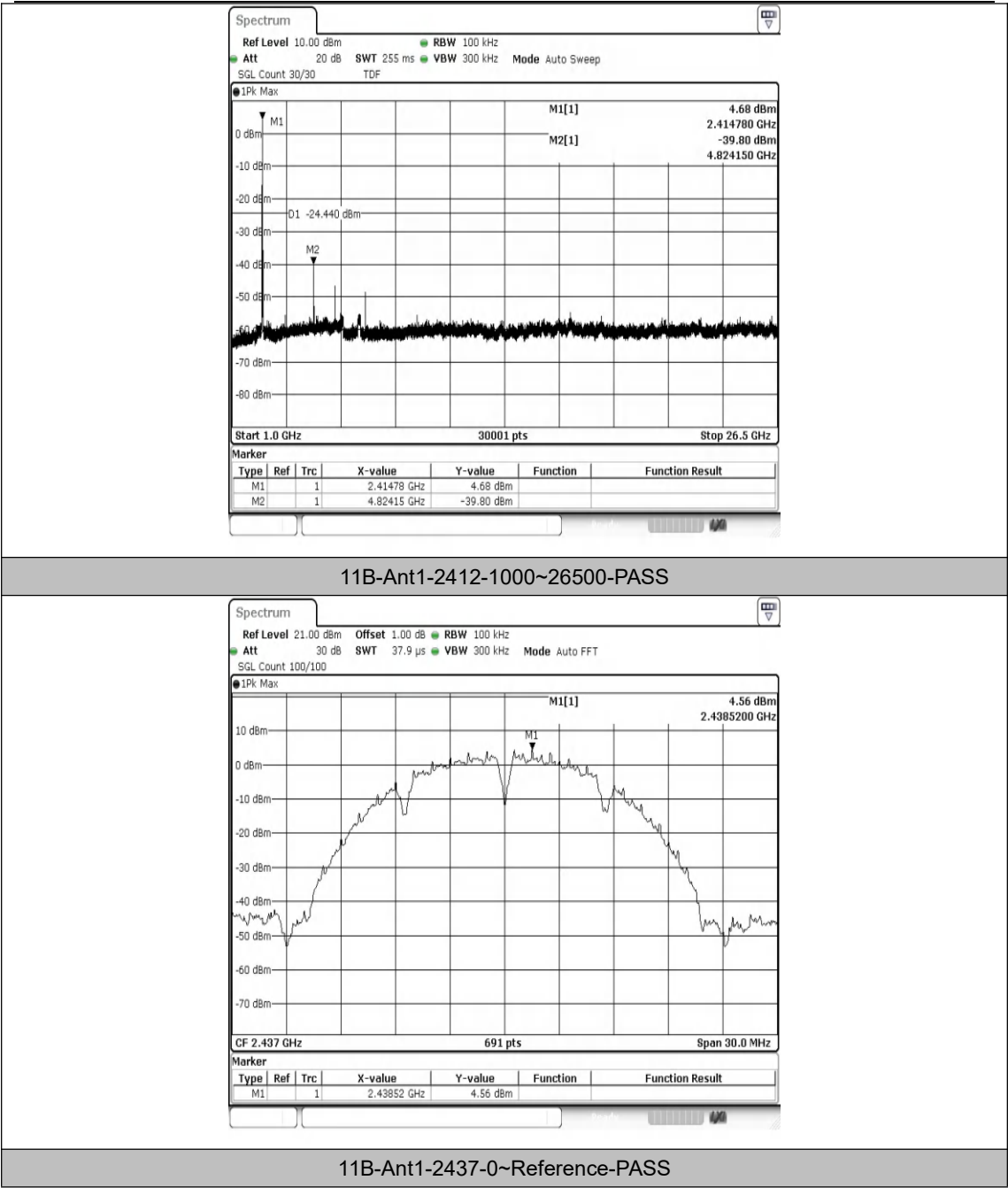
Test Result

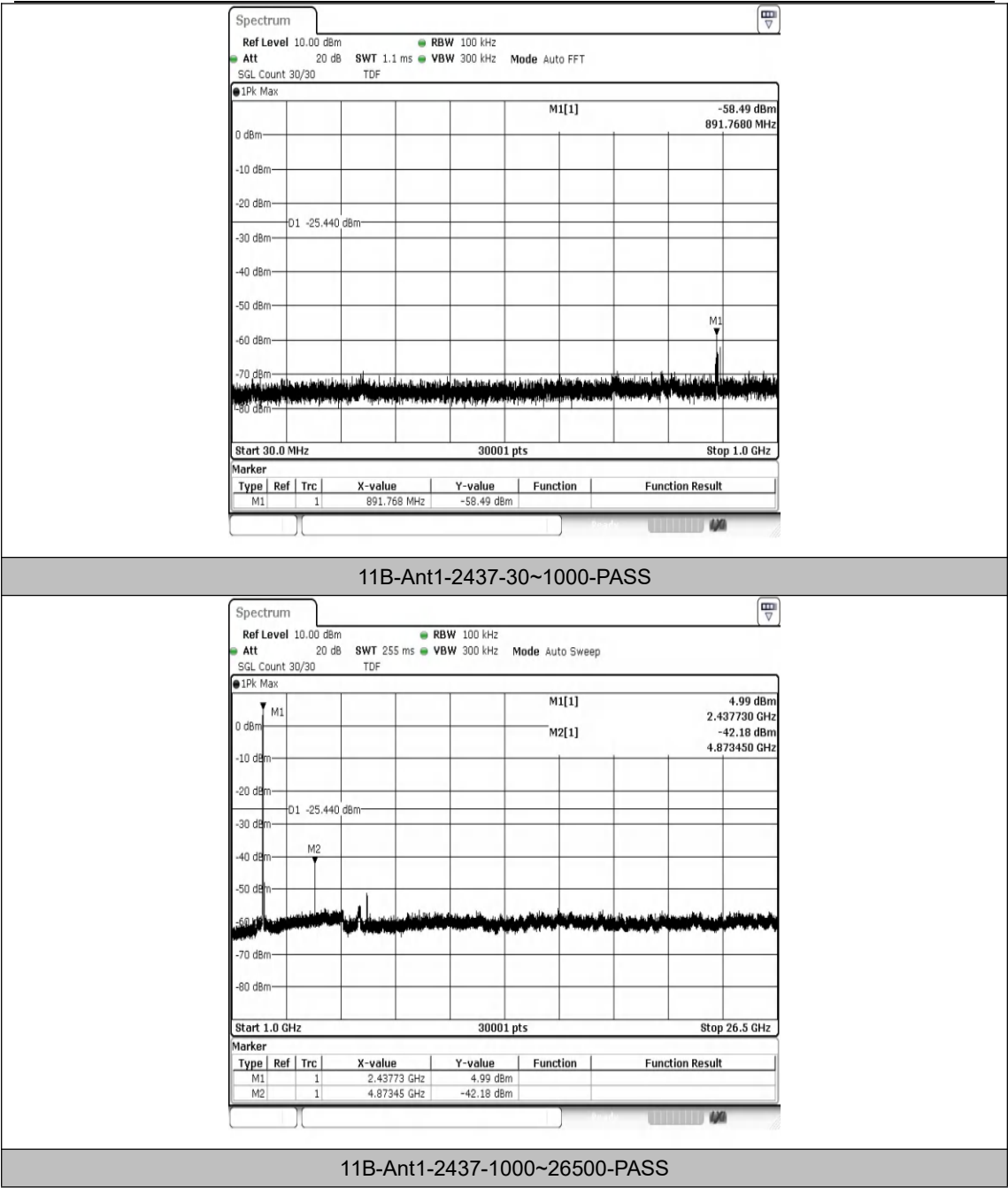
Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.56	5.56	---	PASS
11B	Ant1	2412	30~1000	5.56	-50.67	≤-24.44	PASS
11B	Ant1	2412	1000~26500	5.56	-39.8	≤-24.44	PASS
11B	Ant1	2437	0~Reference	4.56	4.56	---	PASS
11B	Ant1	2437	30~1000	4.56	-58.49	≤-25.44	PASS
11B	Ant1	2437	1000~26500	4.56	-42.18	≤-25.44	PASS
11B	Ant1	2462	0~Reference	3.71	3.71	---	PASS
11B	Ant1	2462	30~1000	3.71	-59.55	≤-26.29	PASS
11B	Ant1	2462	1000~26500	3.71	-42.21	≤-26.29	PASS
11G	Ant1	2412	0~Reference	1.28	1.28	---	PASS
11G	Ant1	2412	30~1000	1.28	-55.08	≤-28.72	PASS
11G	Ant1	2412	1000~26500	1.28	-46.52	≤-28.72	PASS
11G	Ant1	2437	0~Reference	1.31	1.31	---	PASS
11G	Ant1	2437	30~1000	1.31	-55.06	≤-28.69	PASS
11G	Ant1	2437	1000~26500	1.31	-46.77	≤-28.69	PASS
11G	Ant1	2462	0~Reference	1.62	1.62	---	PASS
11G	Ant1	2462	30~1000	1.62	-67.95	≤-28.38	PASS
11G	Ant1	2462	1000~26500	1.62	-44.78	≤-28.38	PASS
11N20SISO	Ant1	2412	0~Reference	0.80	0.80	---	PASS
11N20SISO	Ant1	2412	30~1000	0.80	-54.16	≤-29.2	PASS
11N20SISO	Ant1	2412	1000~26500	0.80	-47.34	≤-29.2	PASS
11N20SISO	Ant1	2437	0~Reference	1.44	1.44	---	PASS
11N20SISO	Ant1	2437	30~1000	1.44	-61.45	≤-28.56	PASS
11N20SISO	Ant1	2437	1000~26500	1.44	-47.12	≤-28.56	PASS
11N20SISO	Ant1	2462	0~Reference	1.75	1.75	---	PASS
11N20SISO	Ant1	2462	30~1000	1.75	-62.3	≤-28.25	PASS
11N20SISO	Ant1	2462	1000~26500	1.75	-46.67	≤-28.25	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

Test Graphs



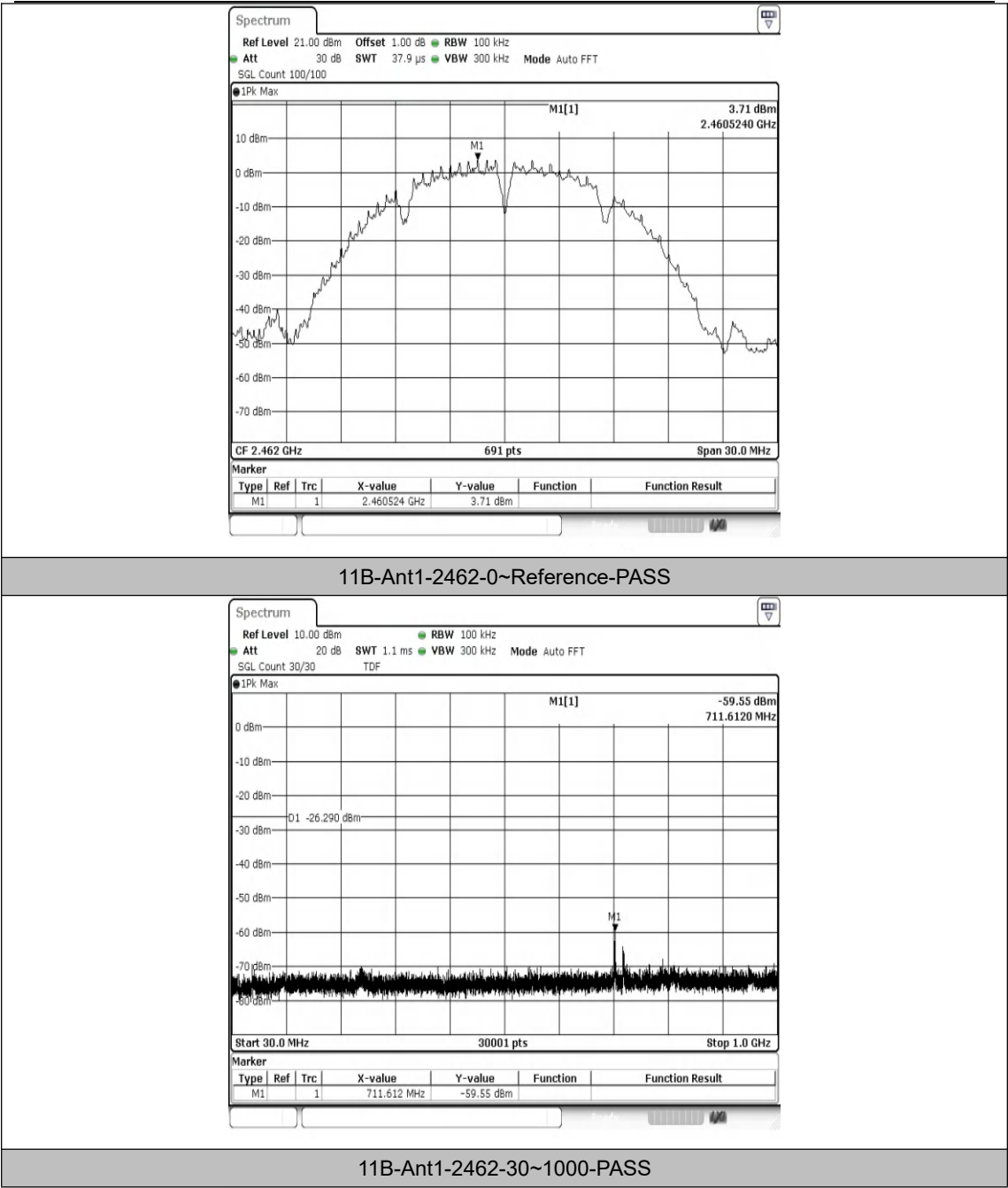


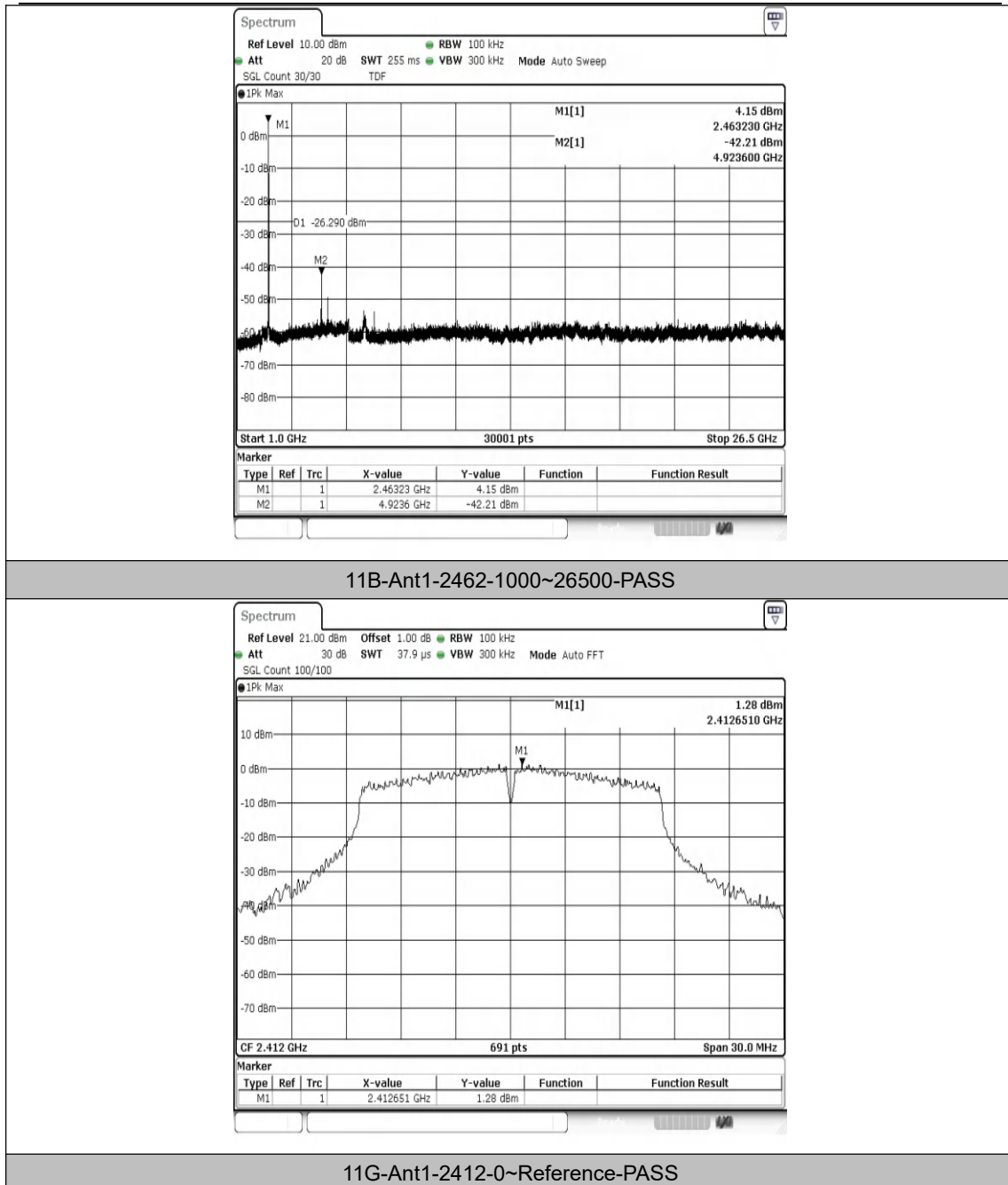


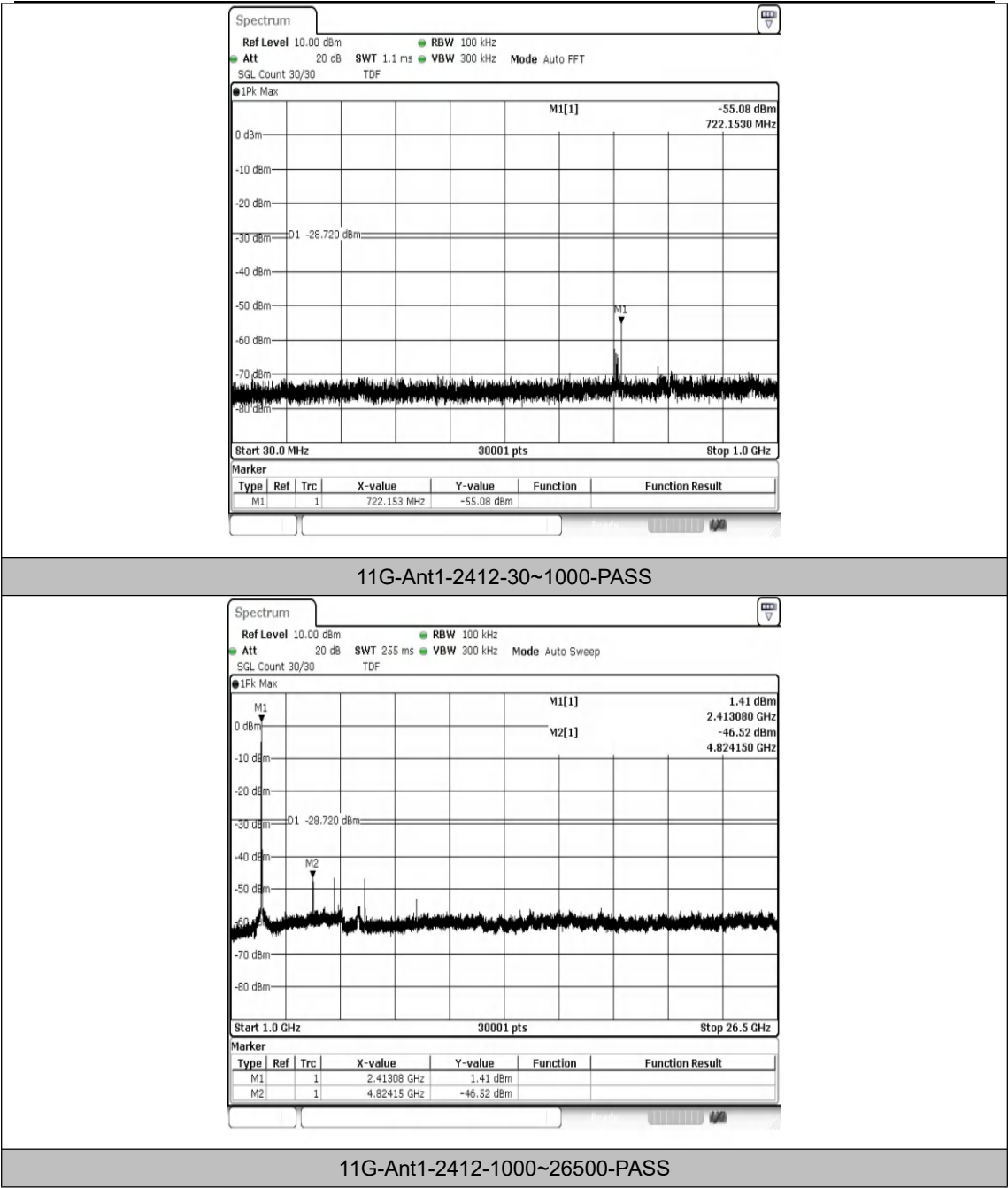
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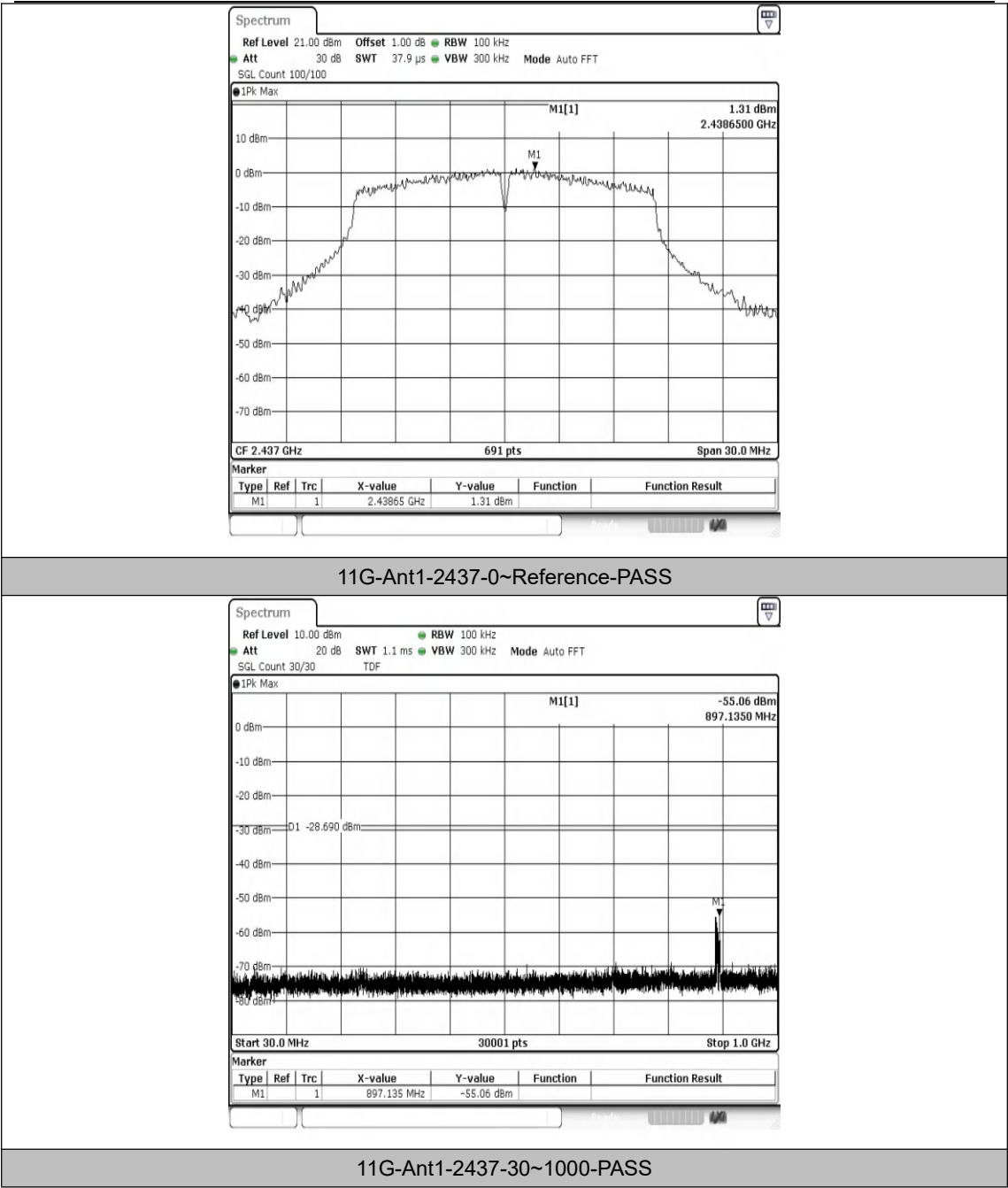




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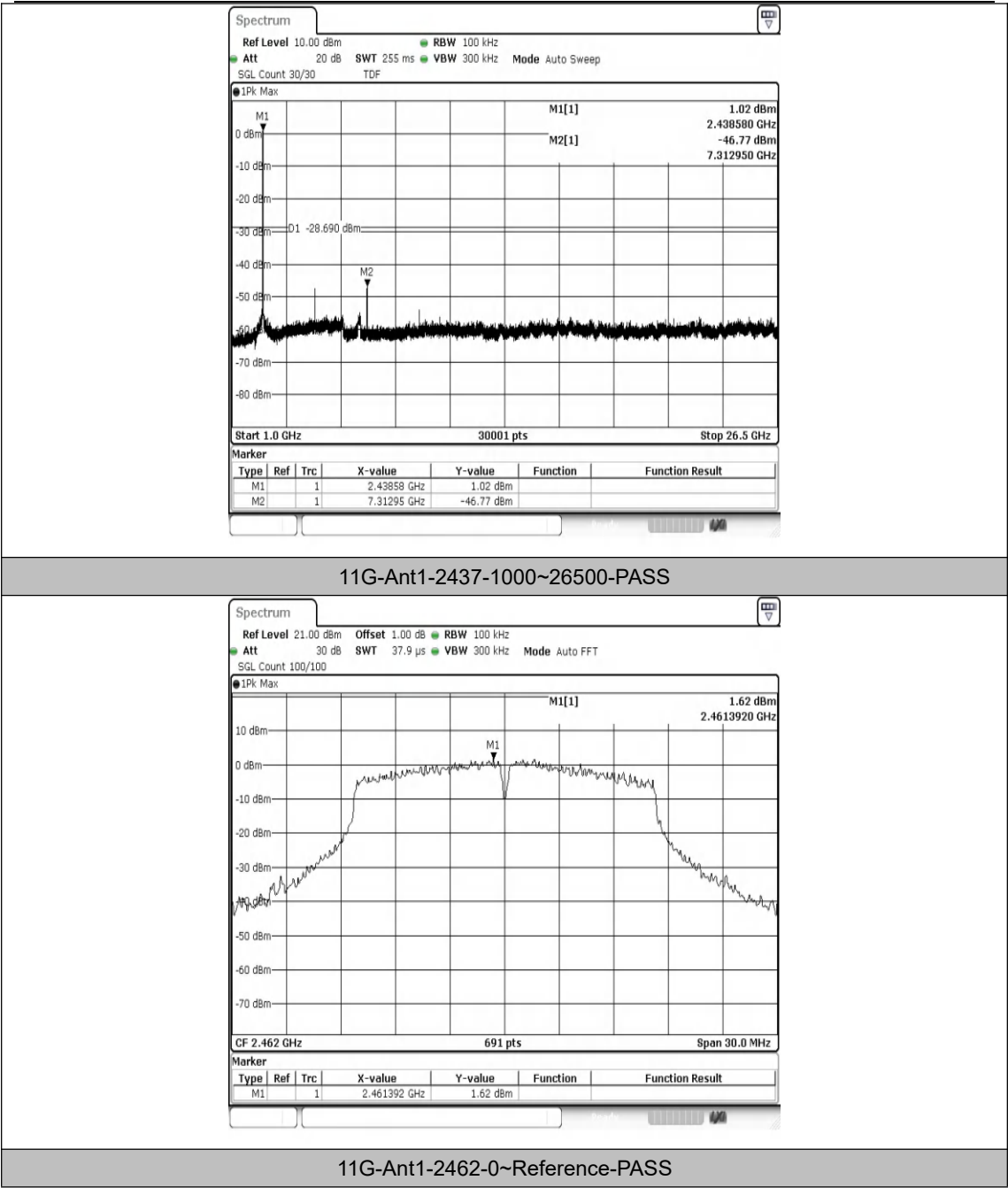
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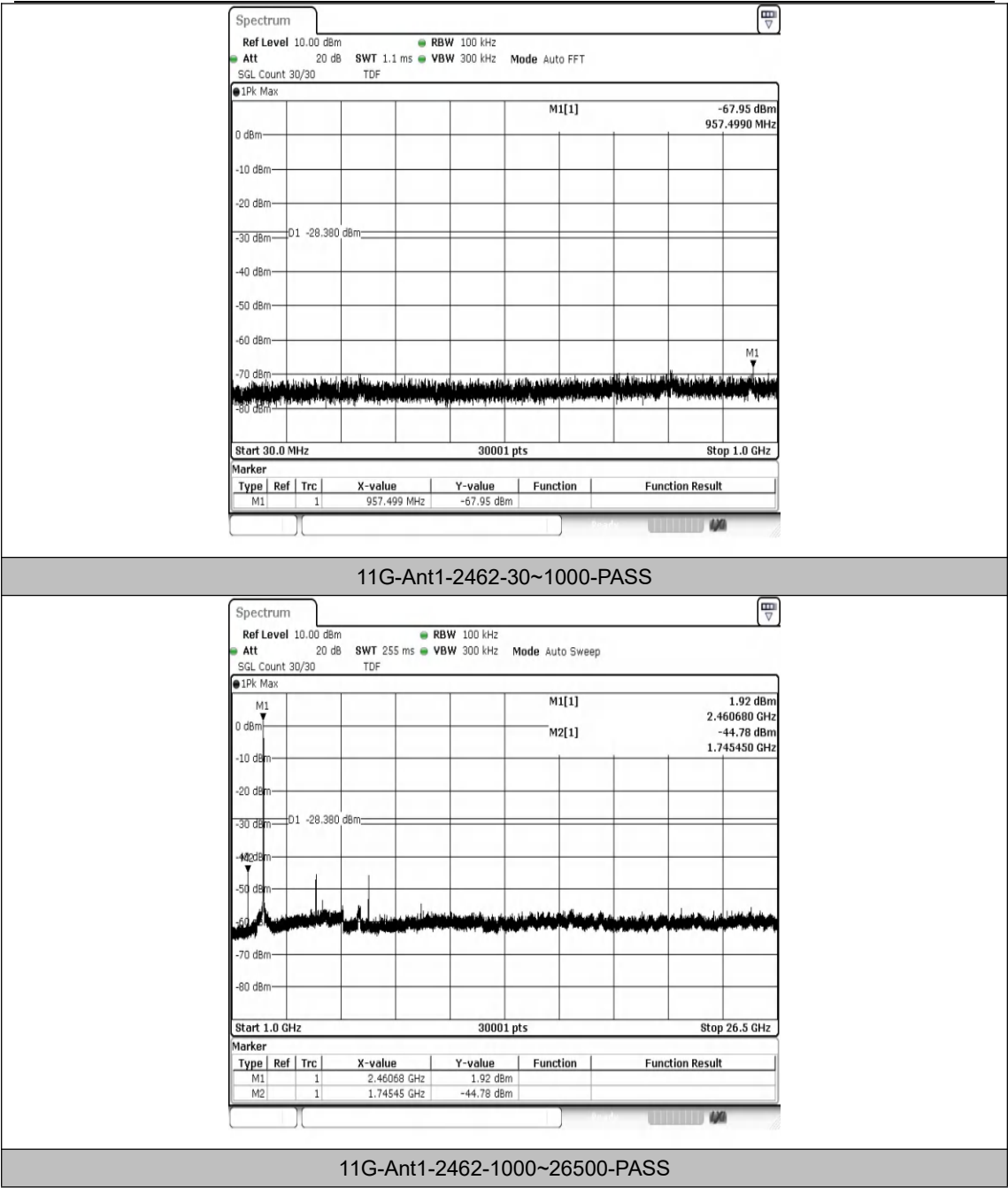


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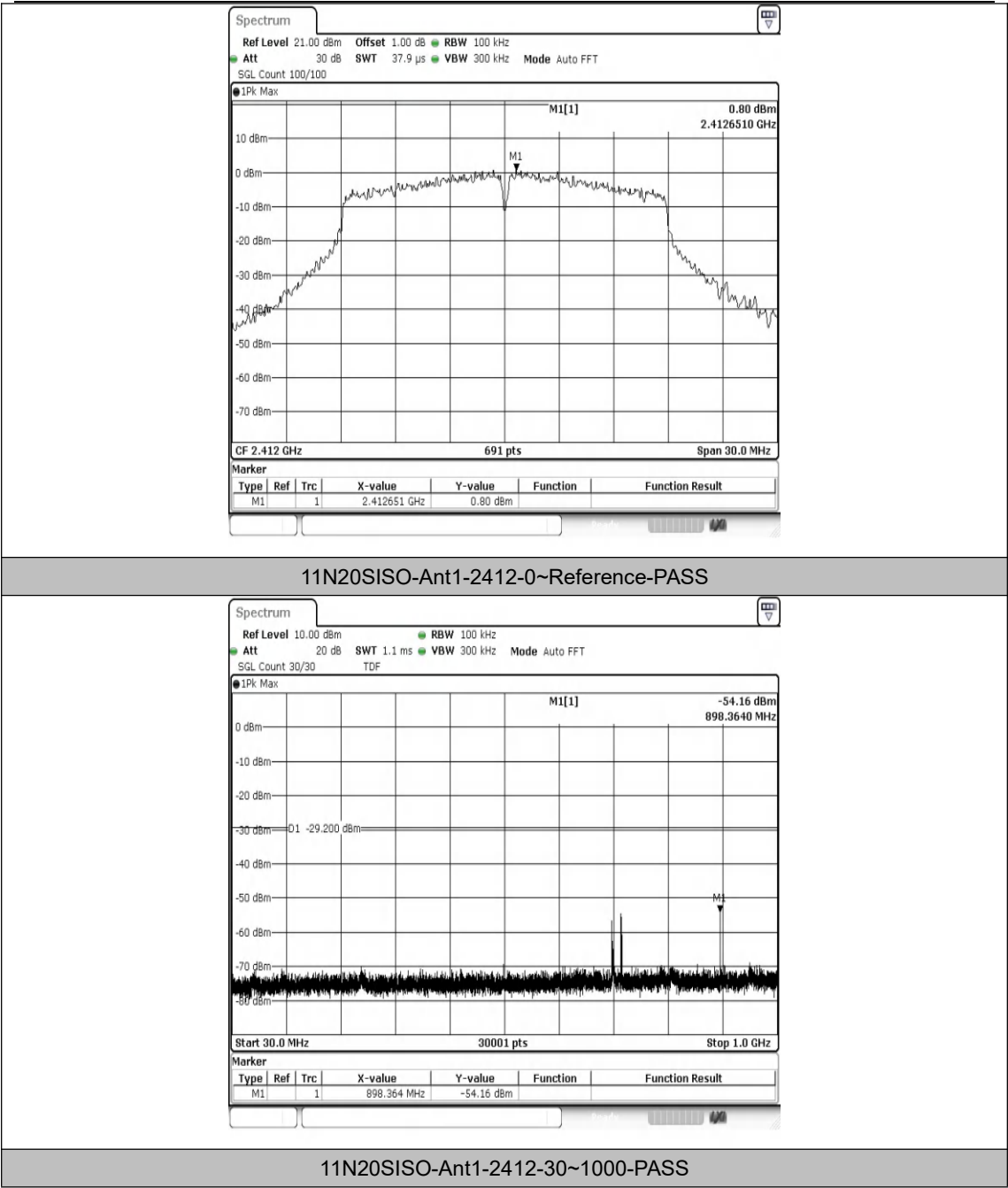


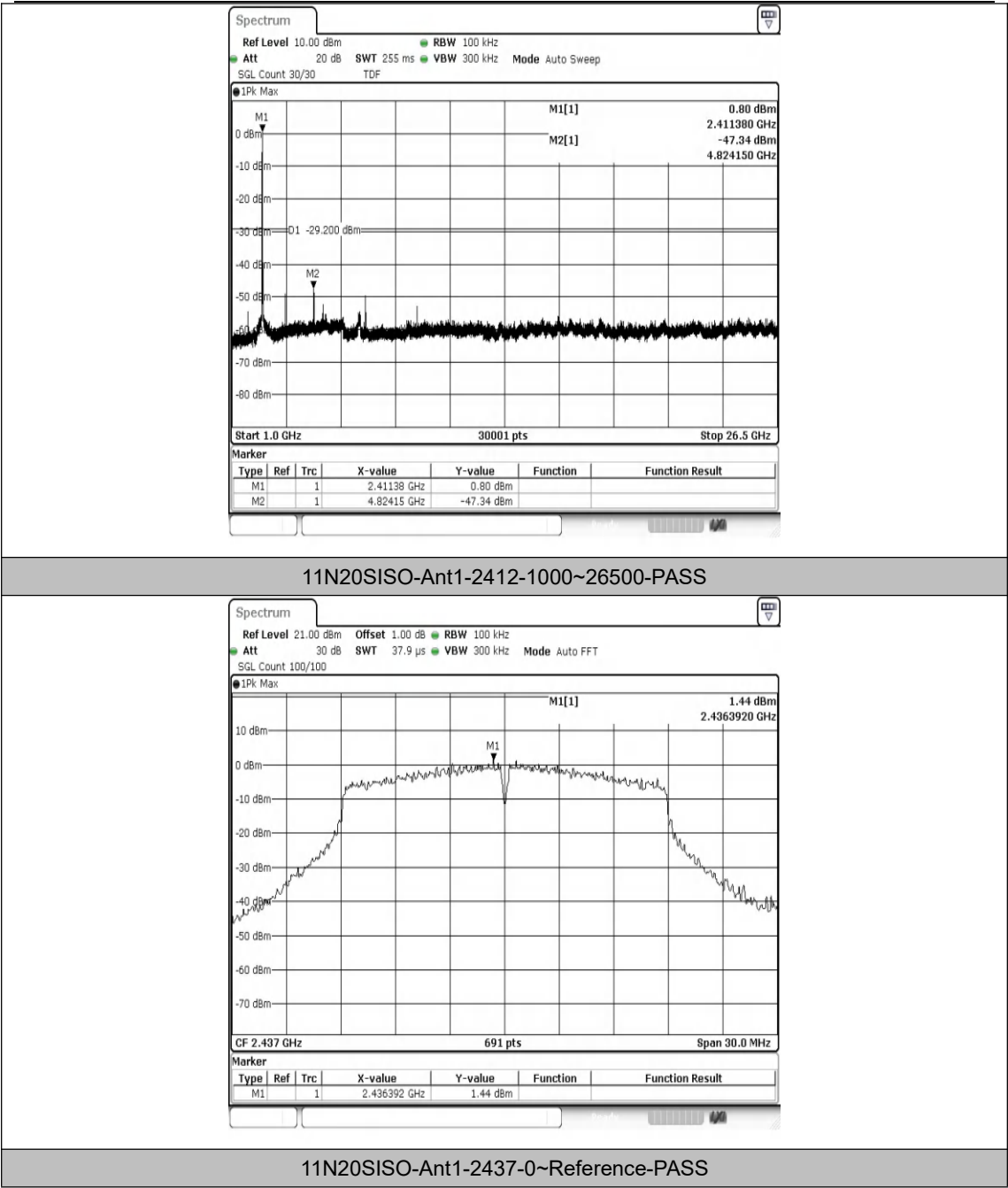


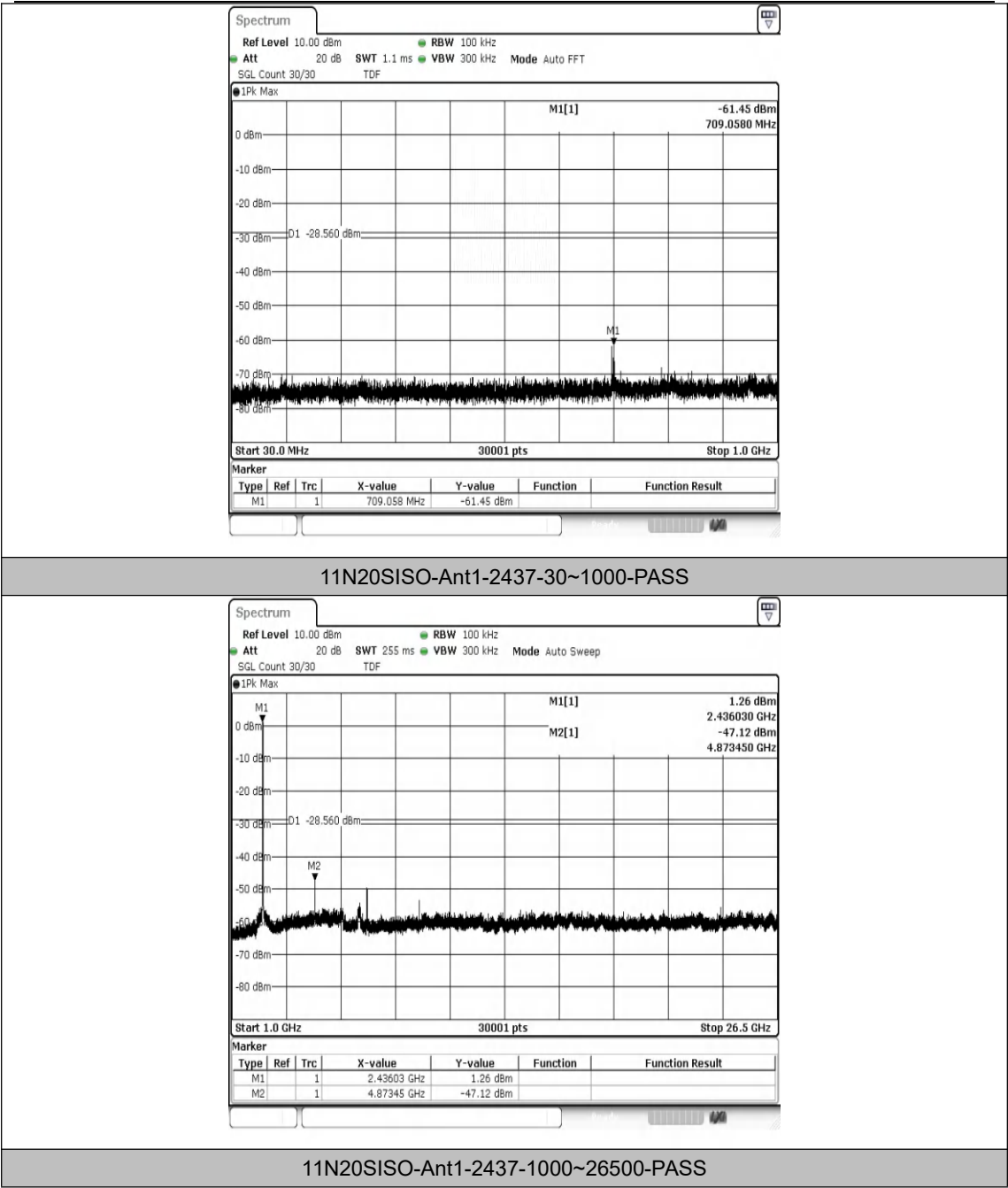
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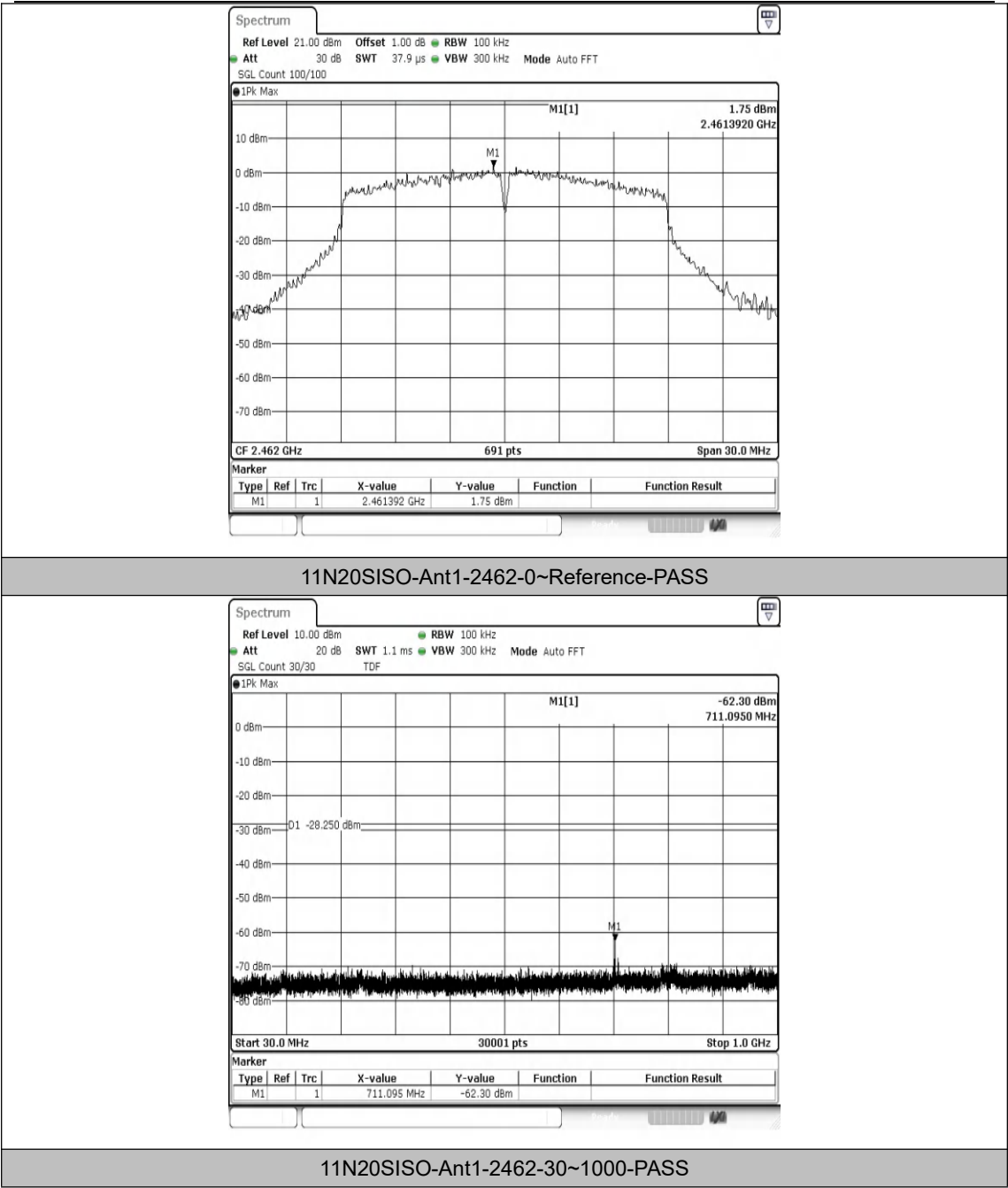


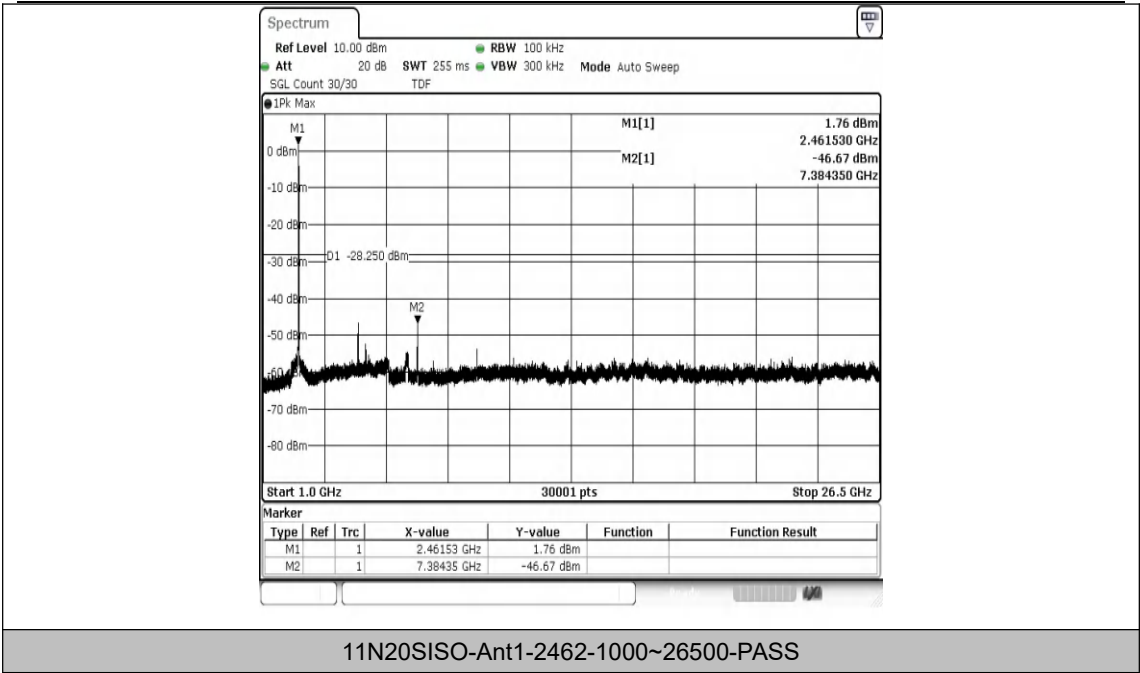


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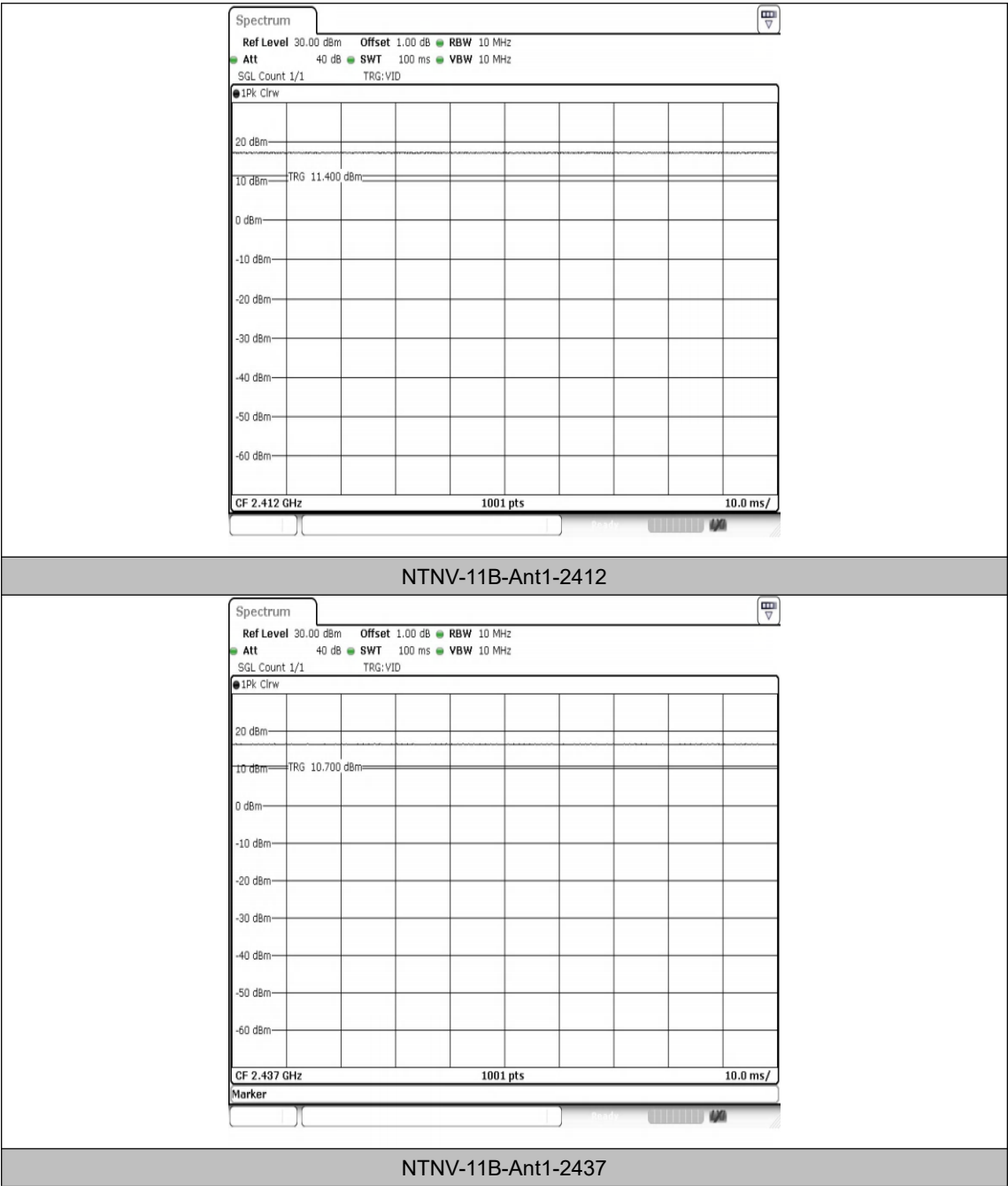
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Appendix G: Duty Cycle

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

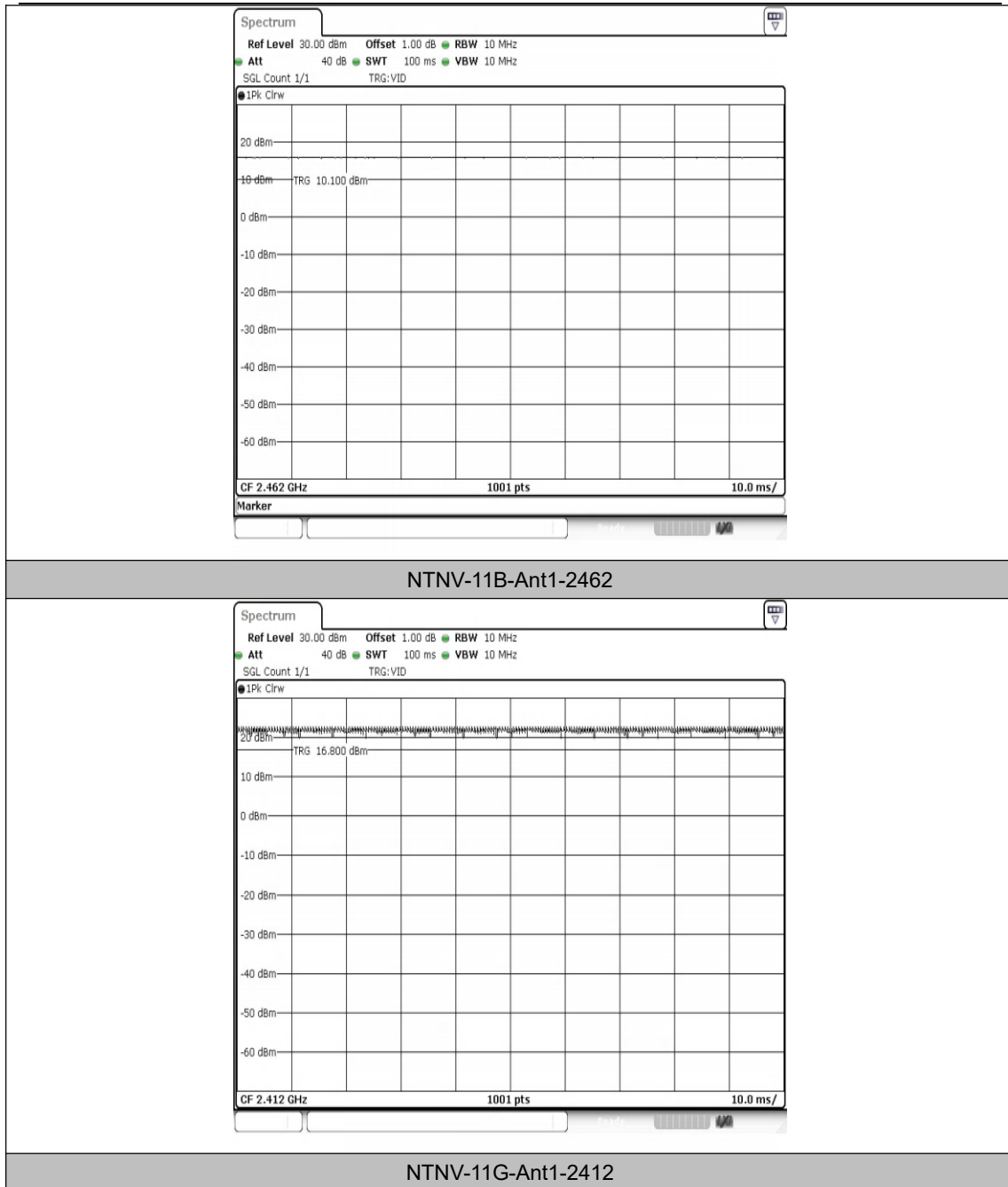
Test Graphs



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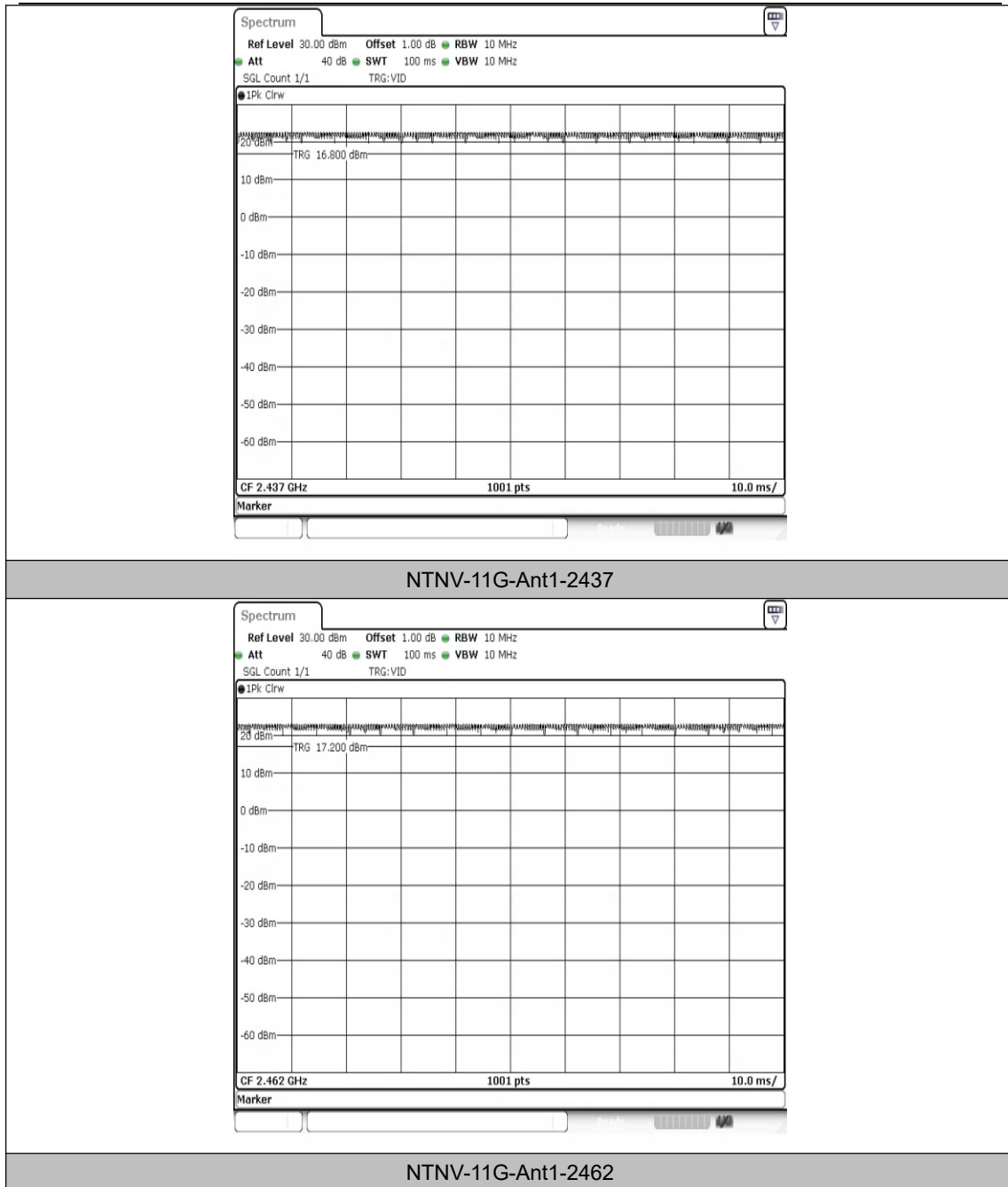
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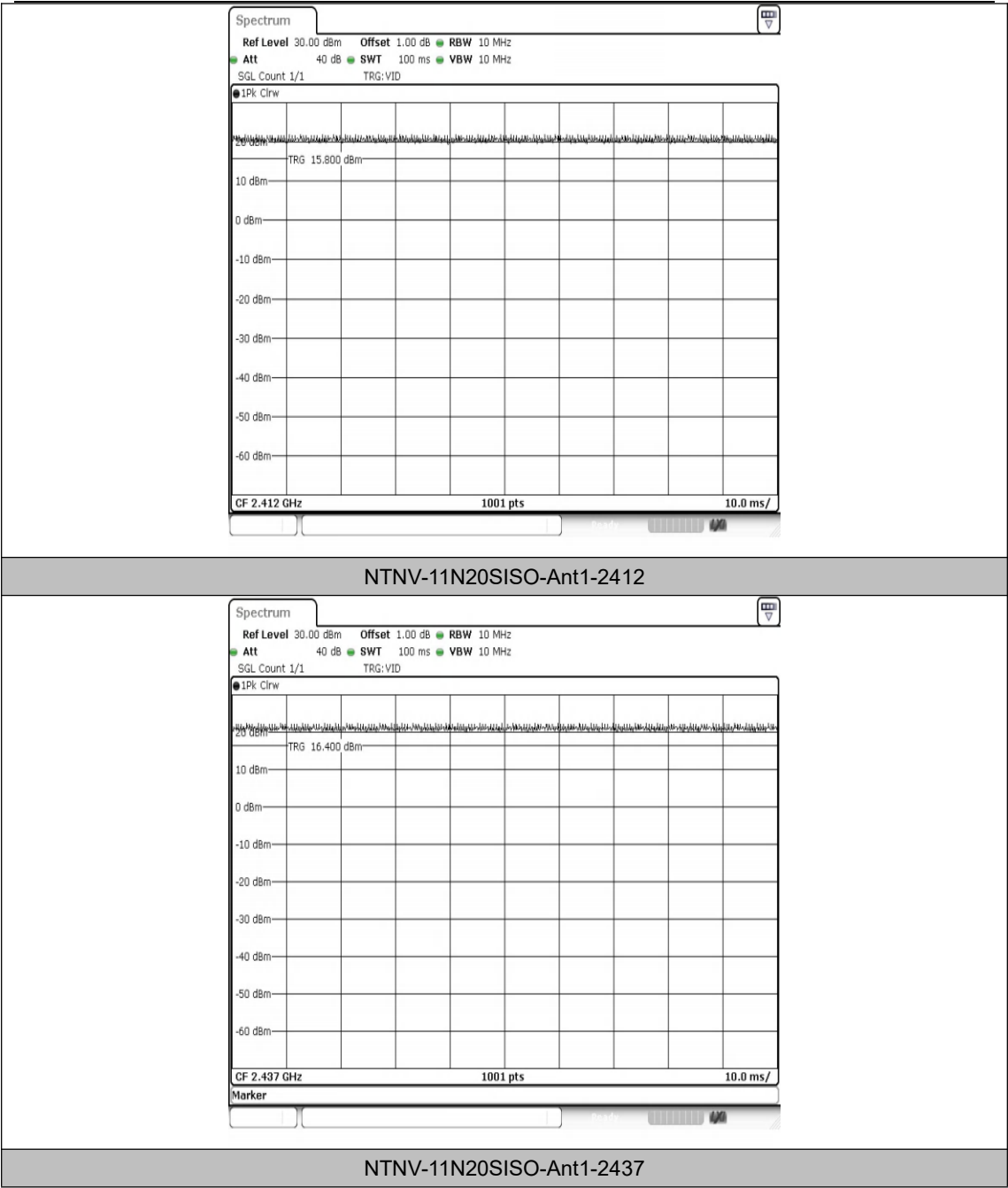
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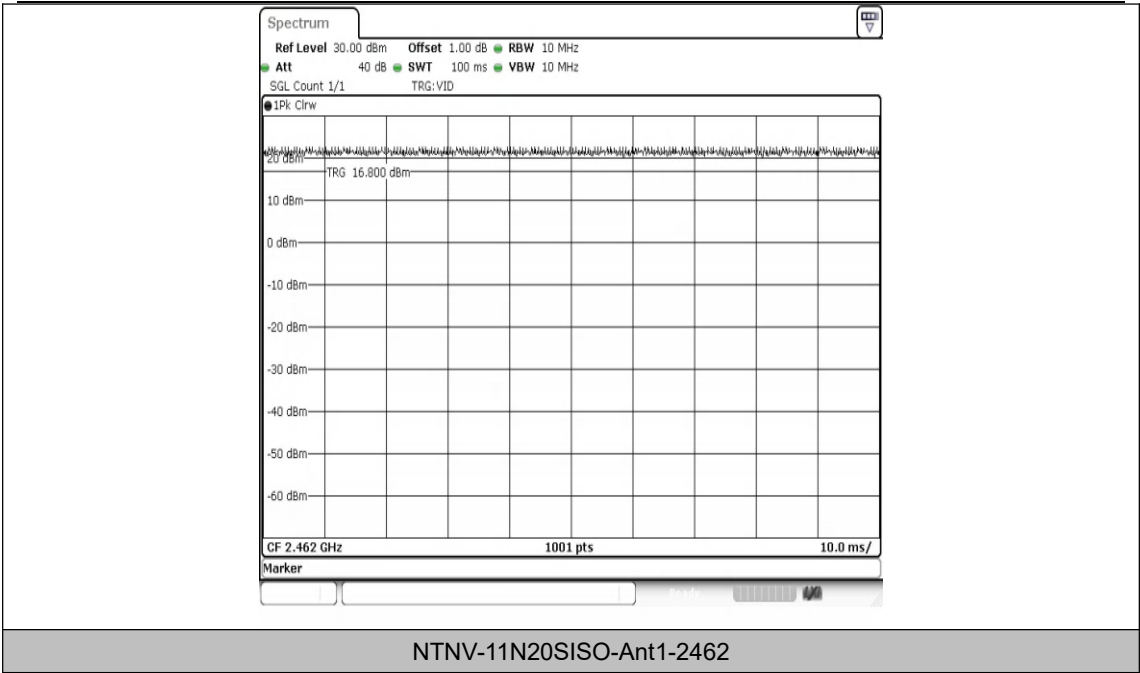
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