

Appendix Test Data

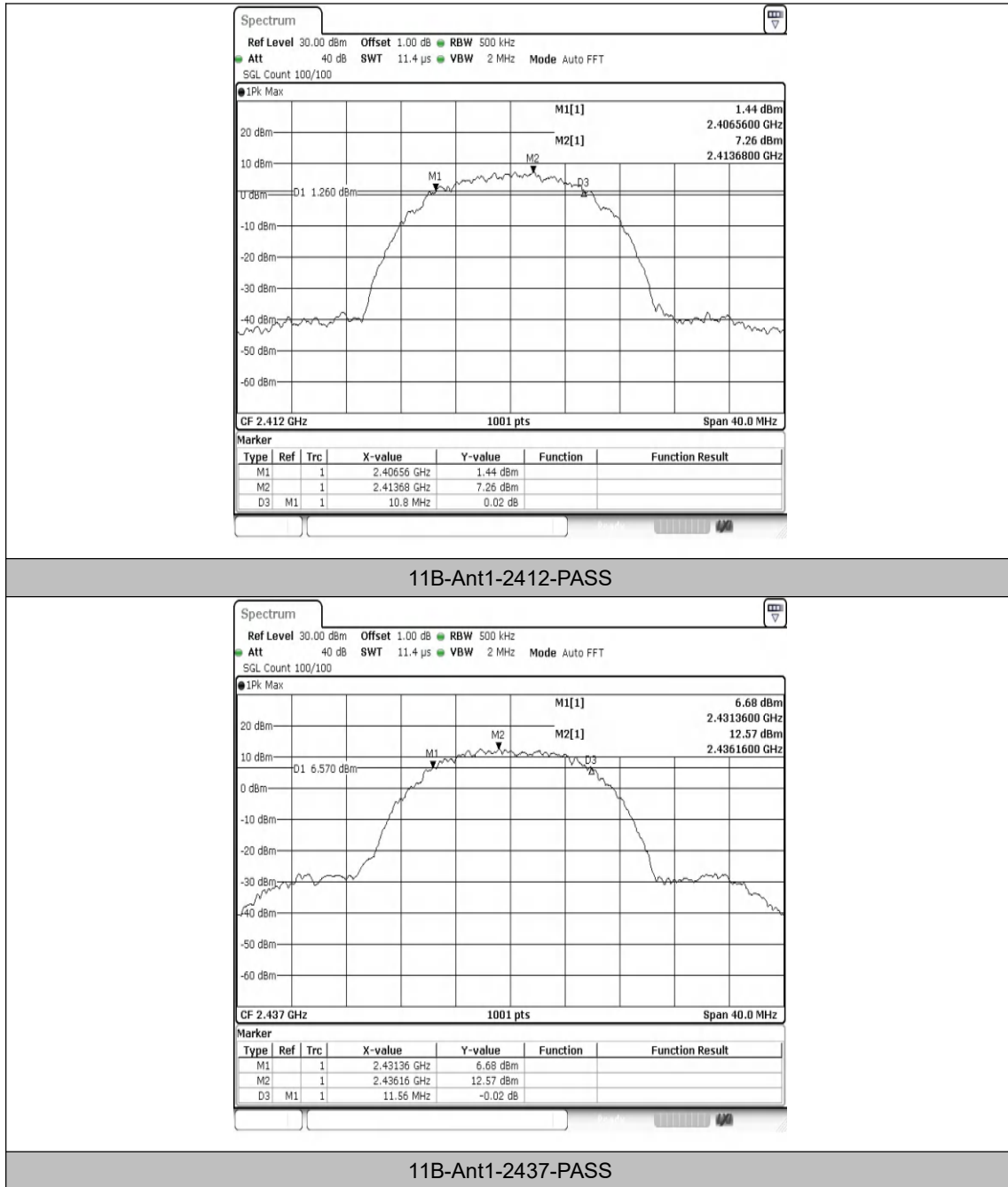
Report No.:	1811C50343612502	Test Sample No.:	1-2-2
Start Test Date:	2025-09-19	Finish Test Date:	2025-09-25
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.7°C	Relative Humidity:	55%
Pressure:	101kPa		

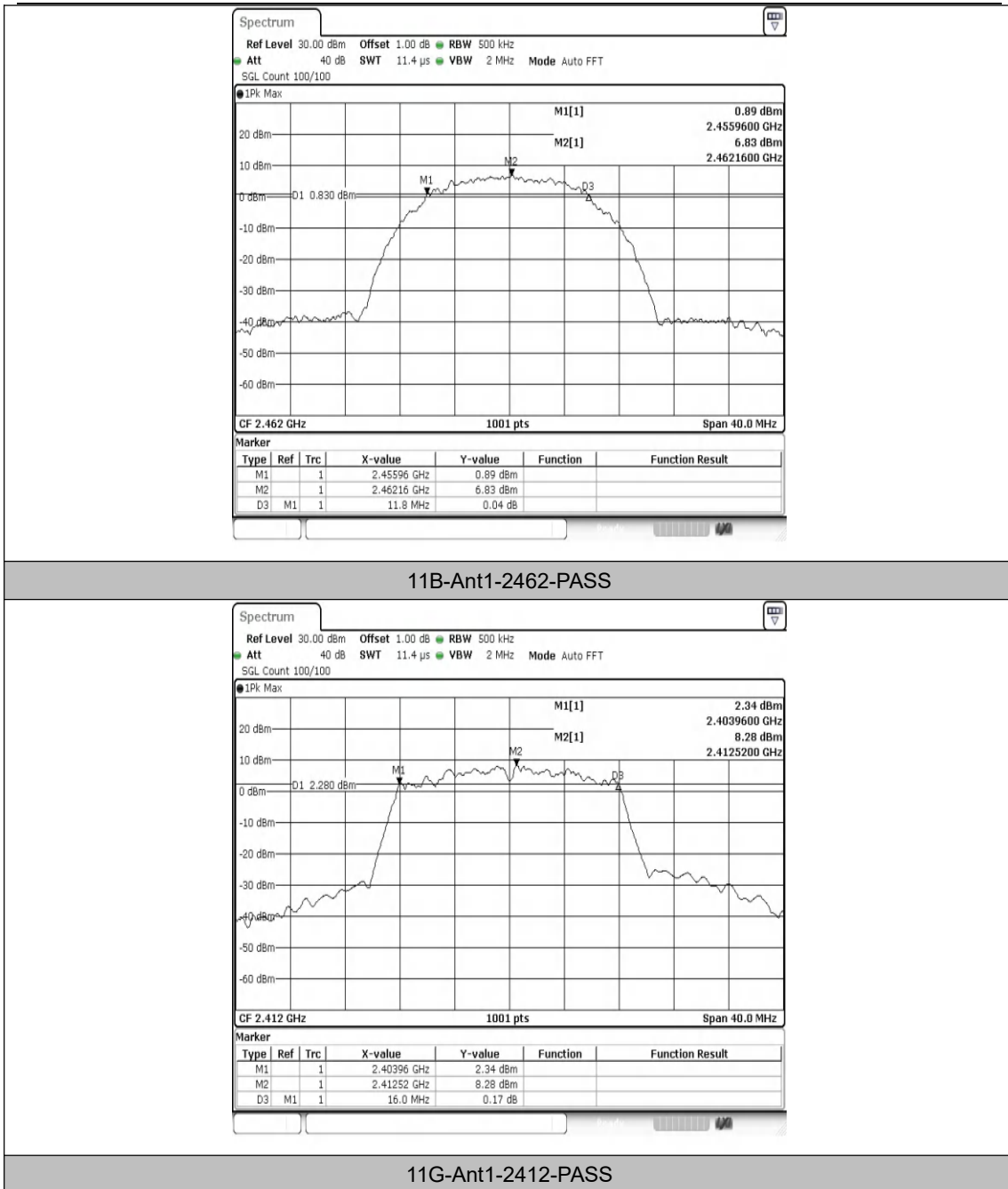
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.80	2406.56	2417.36	0.5	PASS
11B	Ant1	2437	11.56	2431.36	2442.92	0.5	PASS
11B	Ant1	2462	11.80	2455.96	2467.76	0.5	PASS
11G	Ant1	2412	16.00	2403.96	2419.96	0.5	PASS
11G	Ant1	2437	15.96	2428.96	2444.92	0.5	PASS
11G	Ant1	2462	13.44	2455.56	2469.00	0.5	PASS
11N20SISO	Ant1	2412	17.20	2403.44	2420.64	0.5	PASS
11N20SISO	Ant1	2437	17.40	2428.36	2445.76	0.5	PASS
11N20SISO	Ant1	2462	16.16	2453.72	2469.88	0.5	PASS
11N40SISO	Ant1	2422	35.12	2404.96	2440.08	0.5	PASS
11N40SISO	Ant1	2437	35.84	2419.08	2454.92	0.5	PASS
11N40SISO	Ant1	2452	32.96	2436.16	2469.12	0.5	PASS

Test Graphs

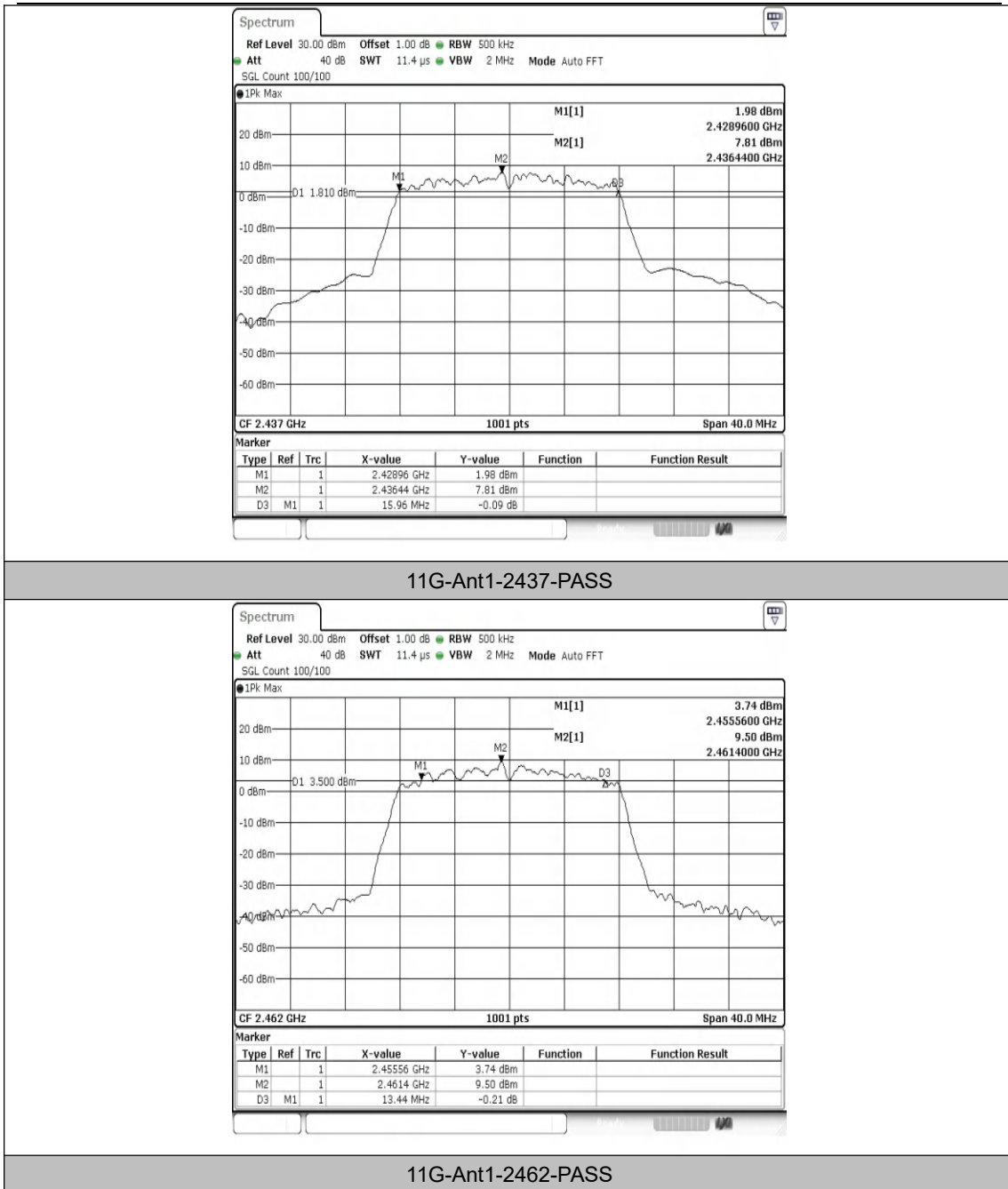


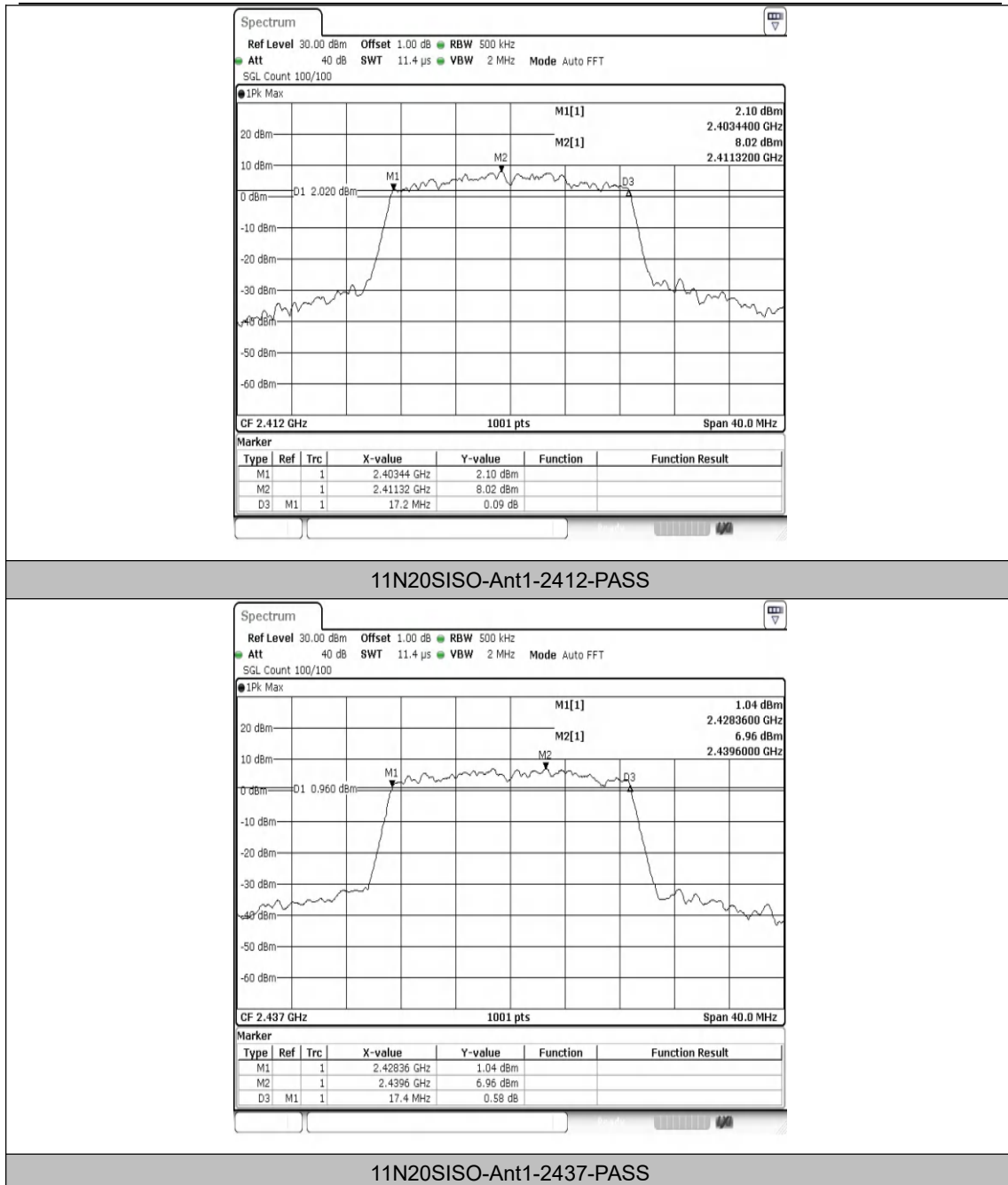


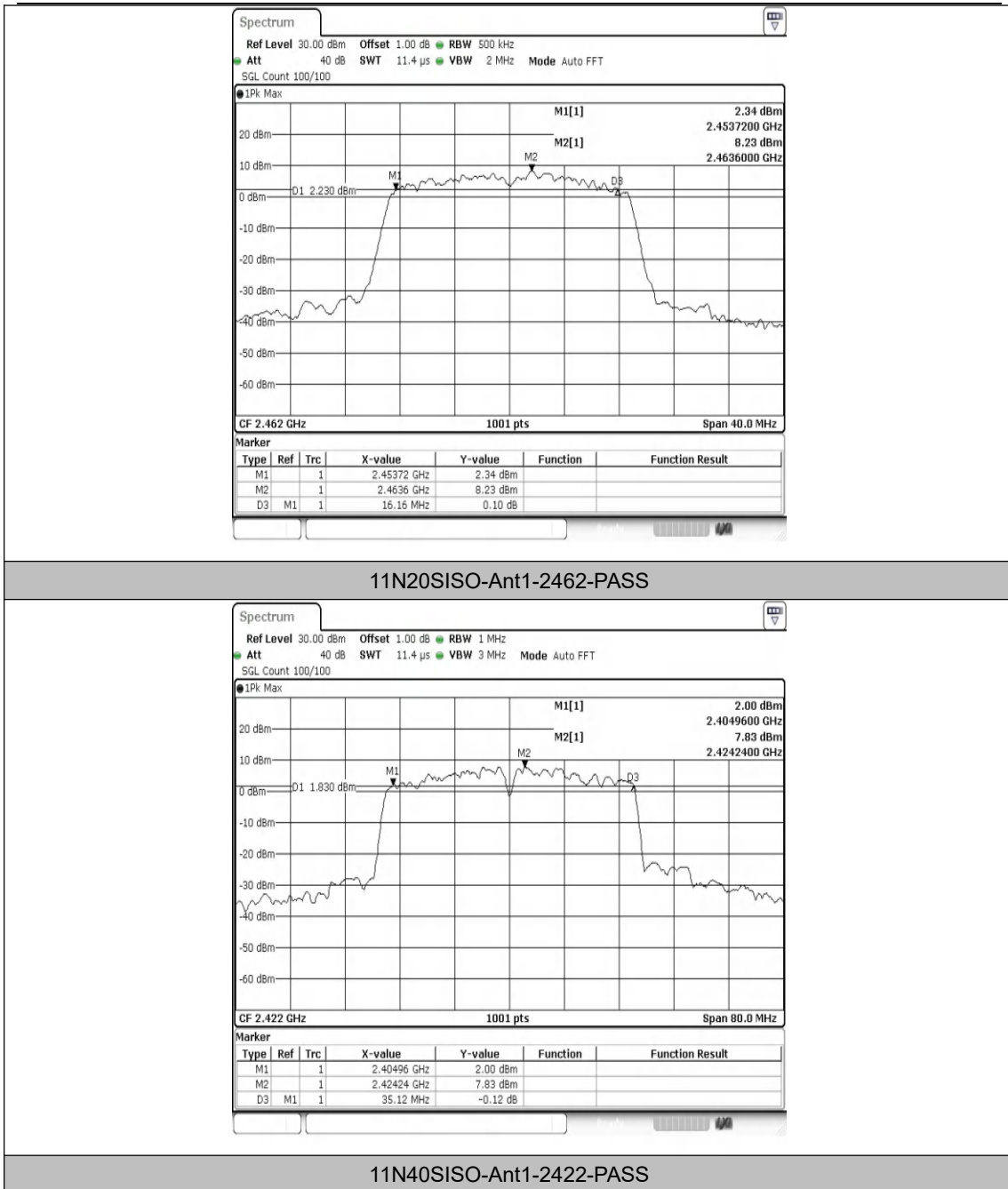
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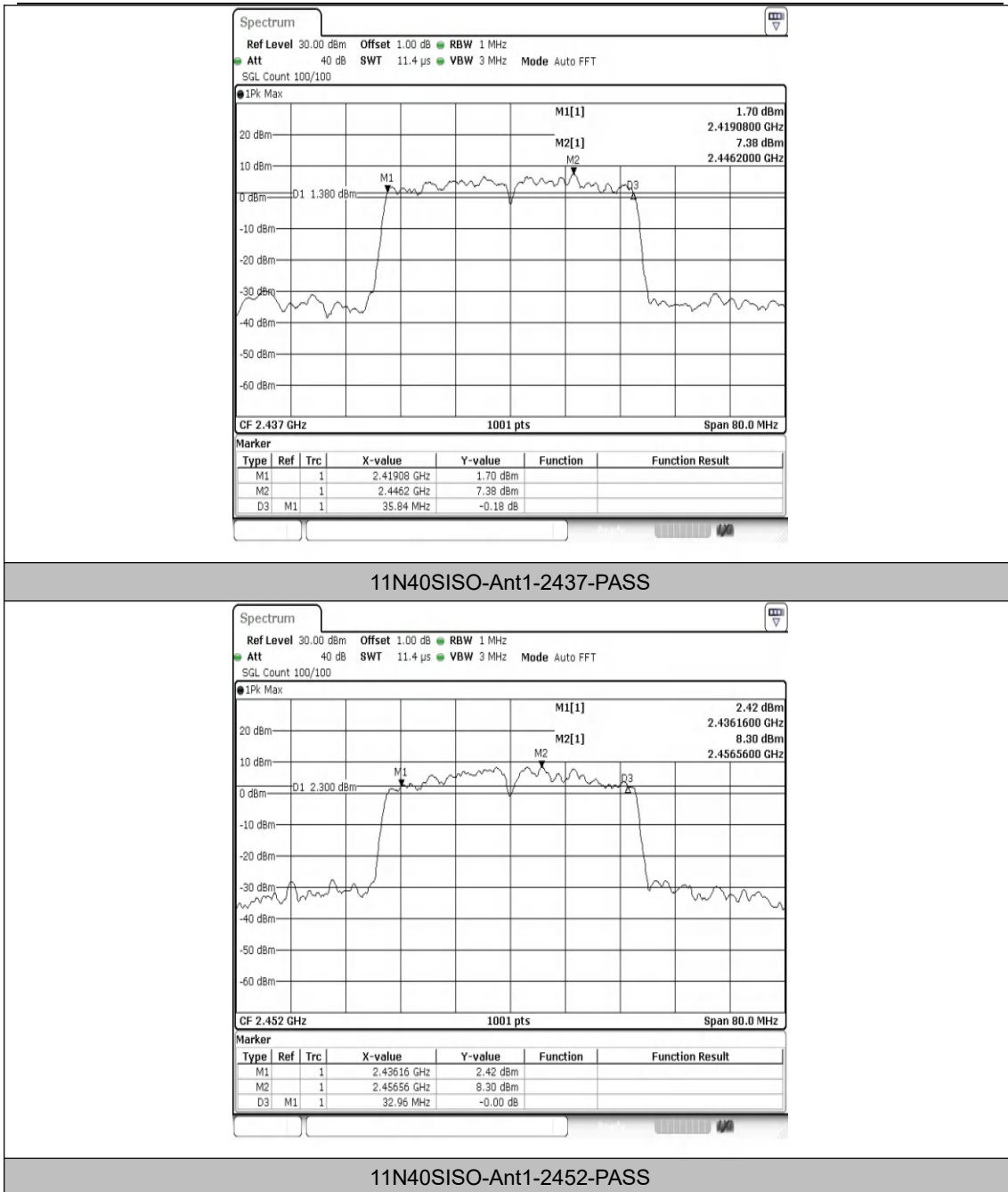
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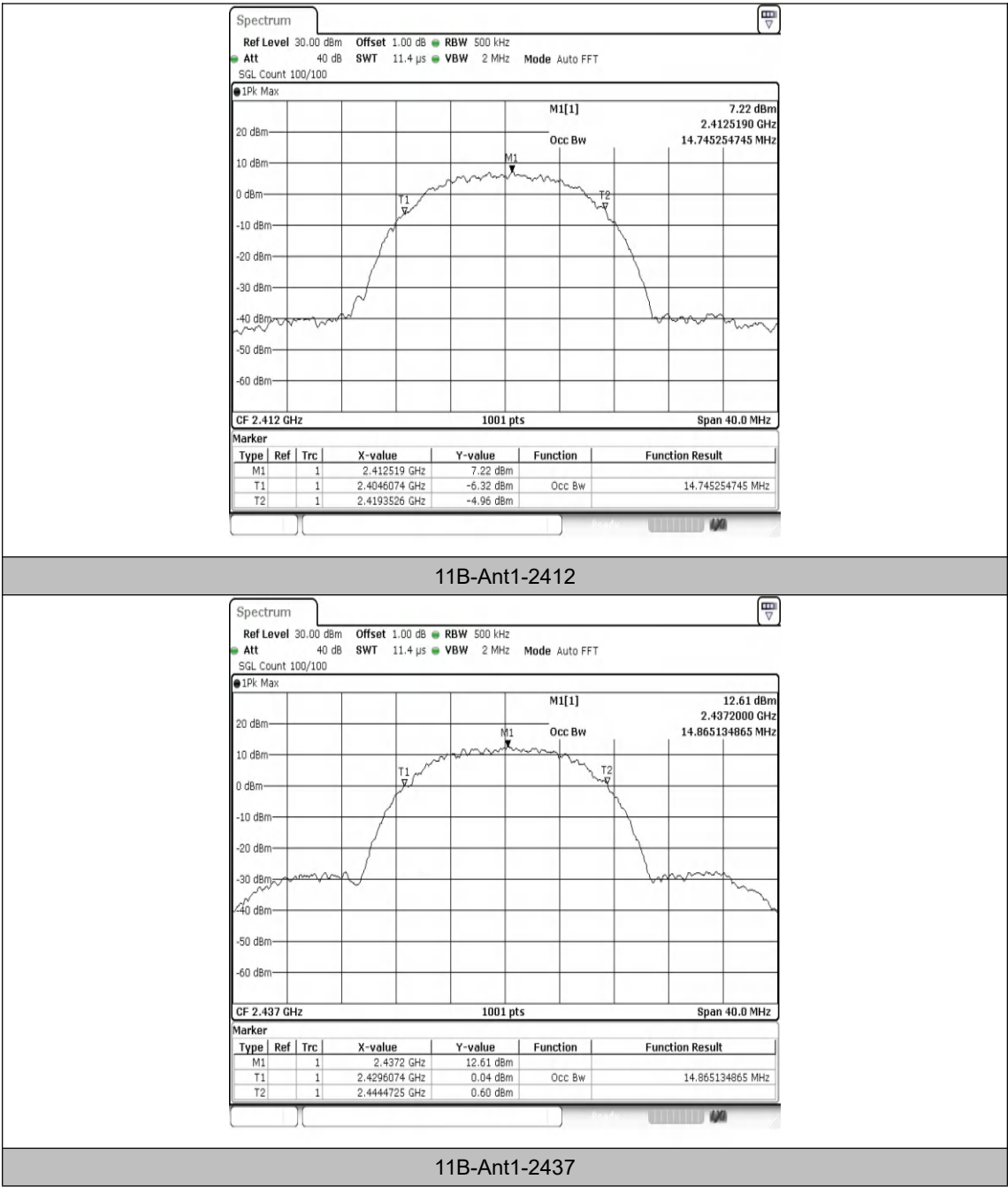


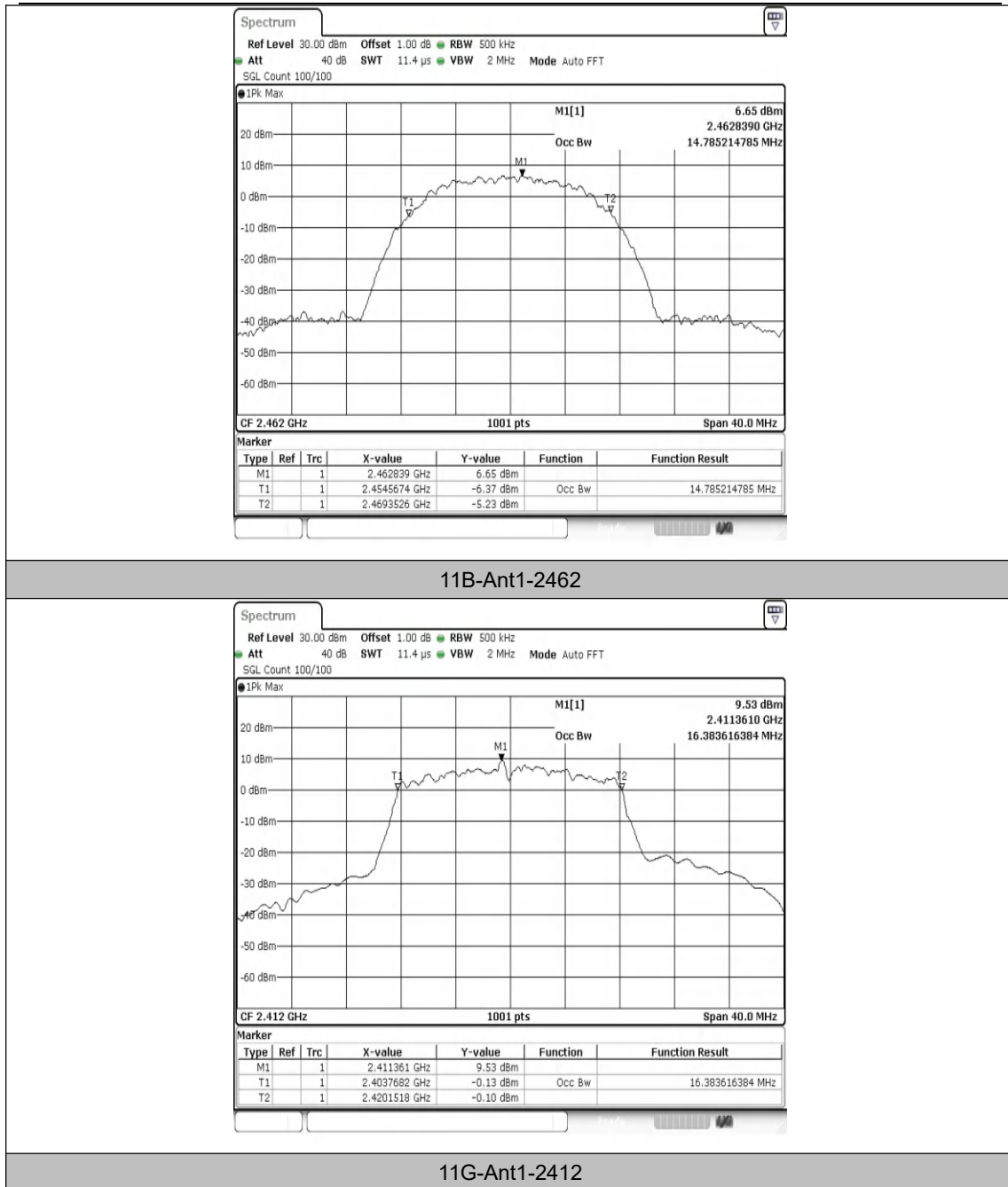
Appendix B: 99% Occupied Bandwidth

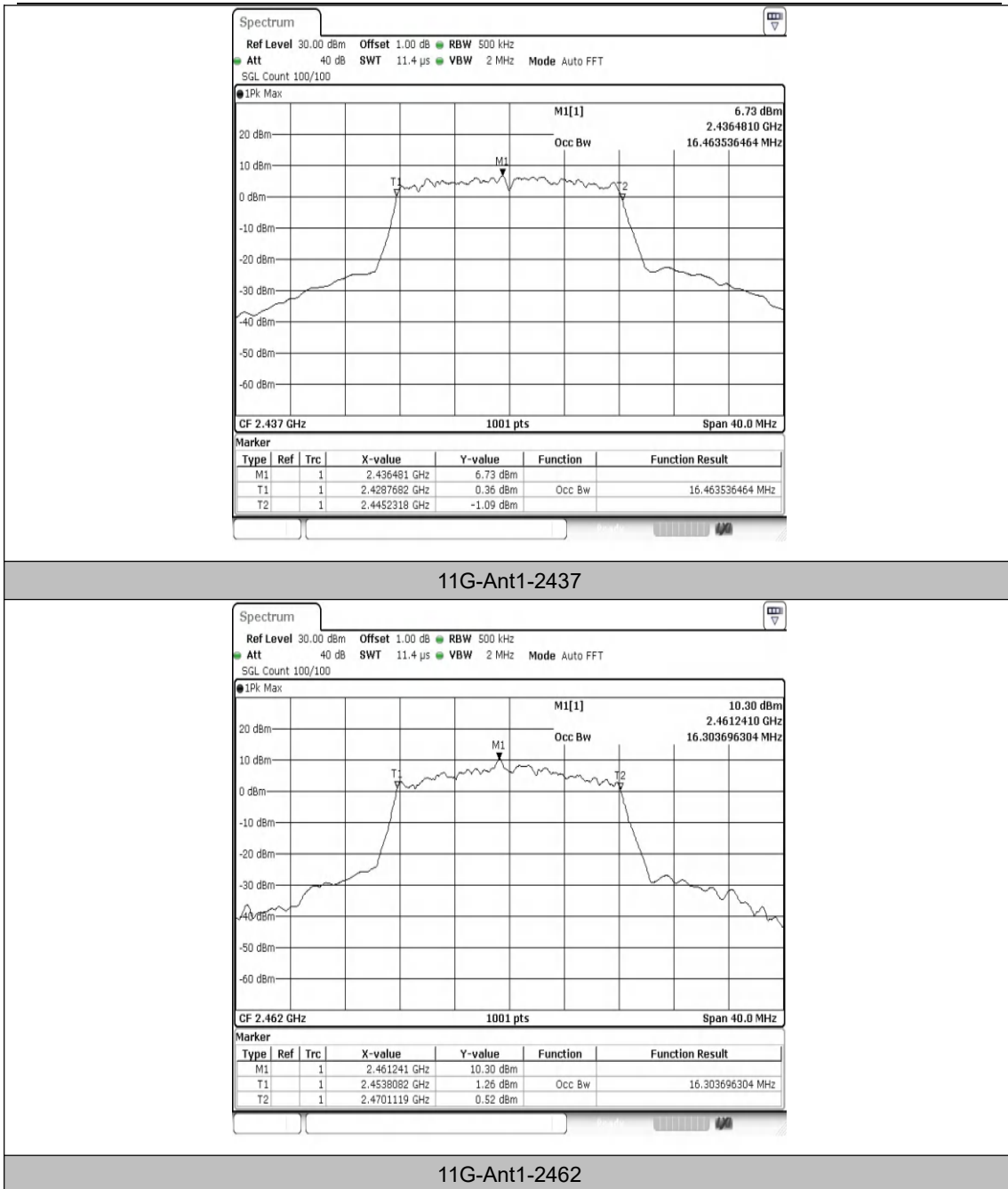
Test Result

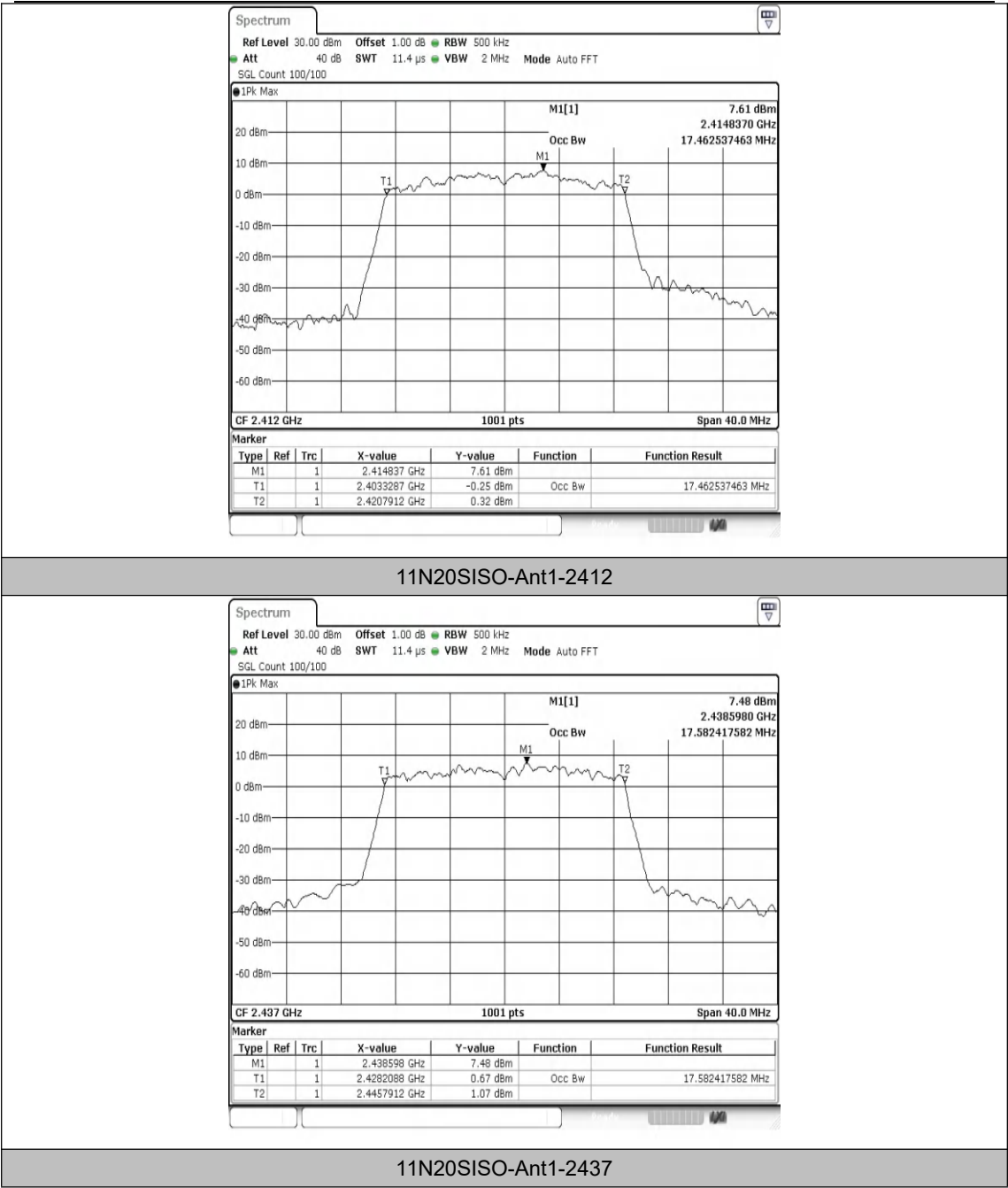
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.745	2404.6074	2419.3526	---	---
11B	Ant1	2437	14.865	2429.6074	2444.4725	---	---
11B	Ant1	2462	14.785	2454.5674	2469.3526	---	---
11G	Ant1	2412	16.384	2403.7682	2420.1518	---	---
11G	Ant1	2437	16.464	2428.7682	2445.2318	---	---
11G	Ant1	2462	16.304	2453.8082	2470.1119	---	---
11N20SISO	Ant1	2412	17.463	2403.3287	2420.7912	---	---
11N20SISO	Ant1	2437	17.582	2428.2088	2445.7912	---	---
11N20SISO	Ant1	2462	17.423	2453.2488	2470.6713	---	---
11N40SISO	Ant1	2422	35.964	2404.0979	2440.0619	---	---
11N40SISO	Ant1	2437	36.204	2419.0180	2455.2218	---	---
11N40SISO	Ant1	2452	35.804	2434.0979	2469.9021	---	---

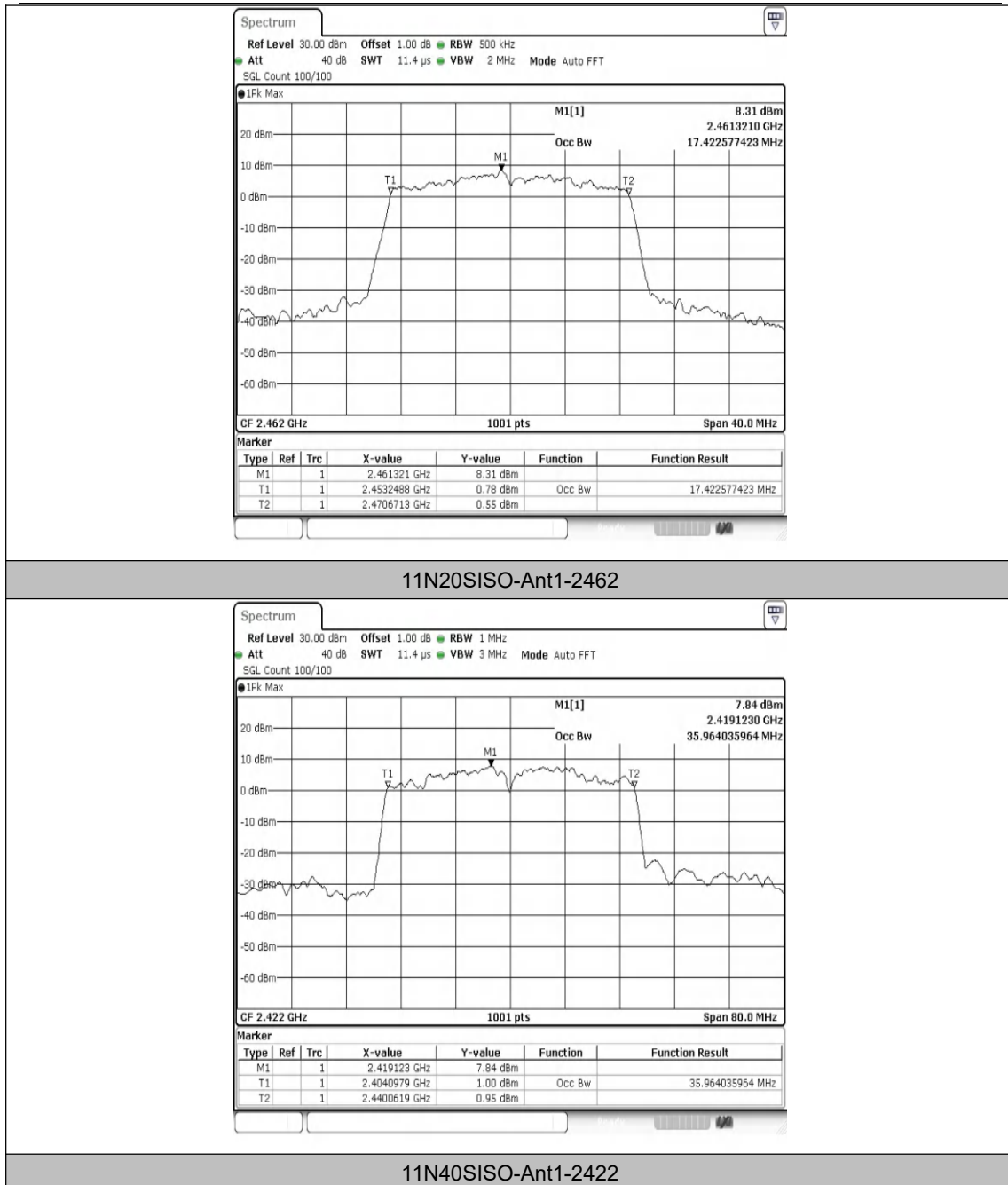
Test Graphs

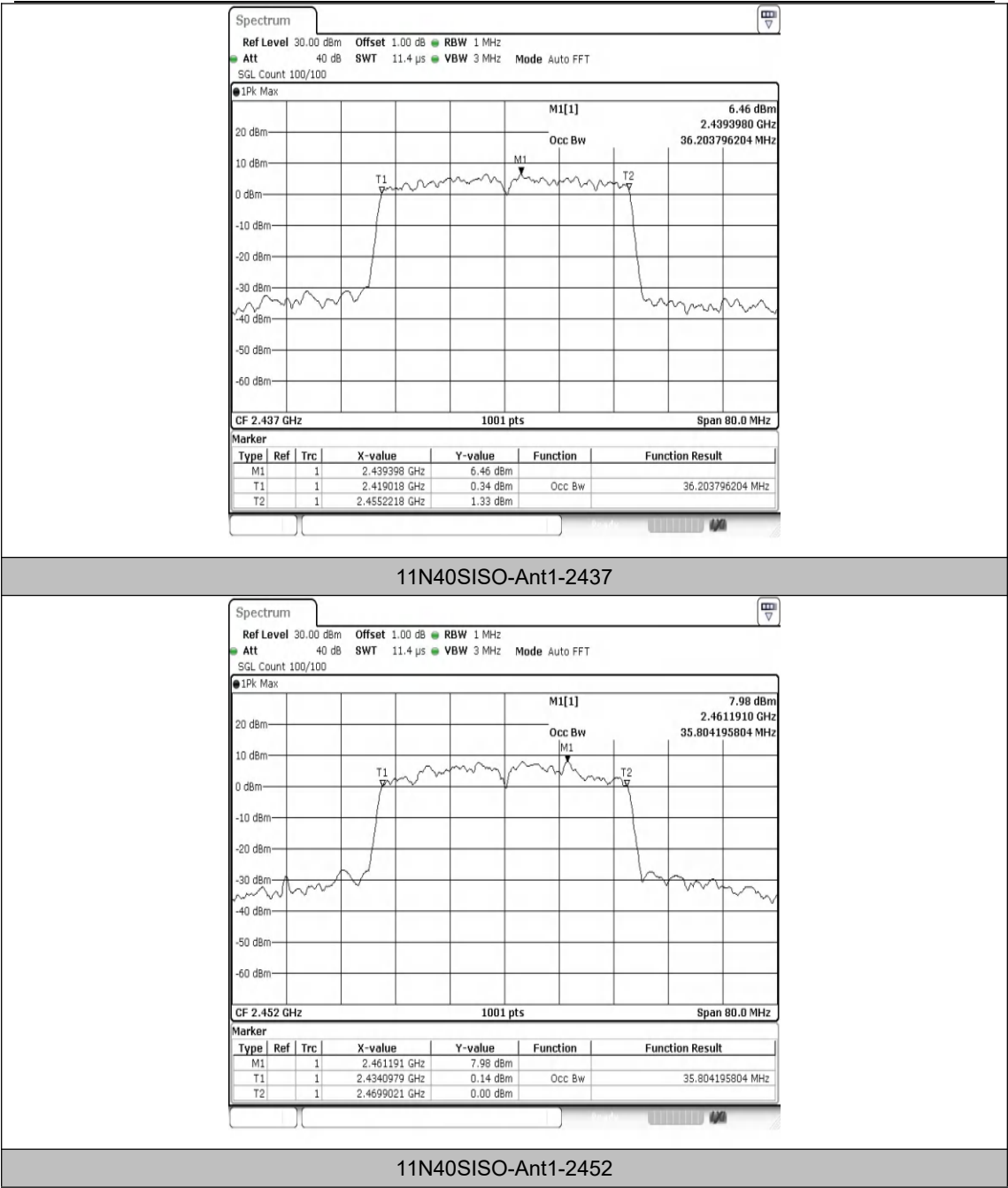












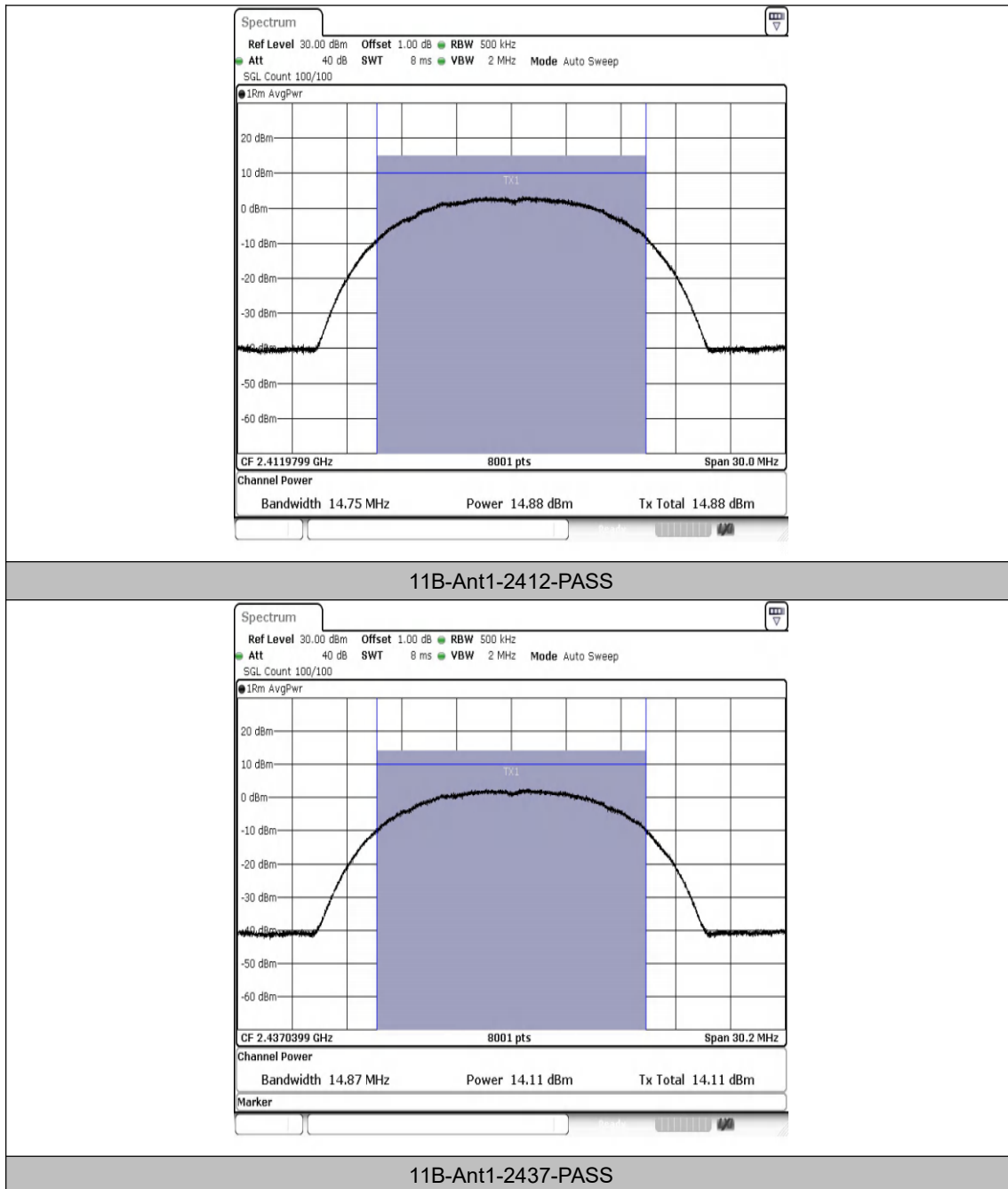
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.88	≤30.00	PASS
11B	Ant1	2437	14.11	≤30.00	PASS
11B	Ant1	2462	13.95	≤30.00	PASS
11G	Ant1	2412	14.20	≤30.00	PASS
11G	Ant1	2437	13.88	≤30.00	PASS
11G	Ant1	2462	14.30	≤30.00	PASS
11N20SISO	Ant1	2412	14.05	≤30.00	PASS
11N20SISO	Ant1	2437	13.80	≤30.00	PASS
11N20SISO	Ant1	2462	14.18	≤30.00	PASS
11N40SISO	Ant1	2422	13.84	≤30.00	PASS
11N40SISO	Ant1	2437	13.04	≤30.00	PASS
11N40SISO	Ant1	2452	13.70	≤30.00	PASS

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

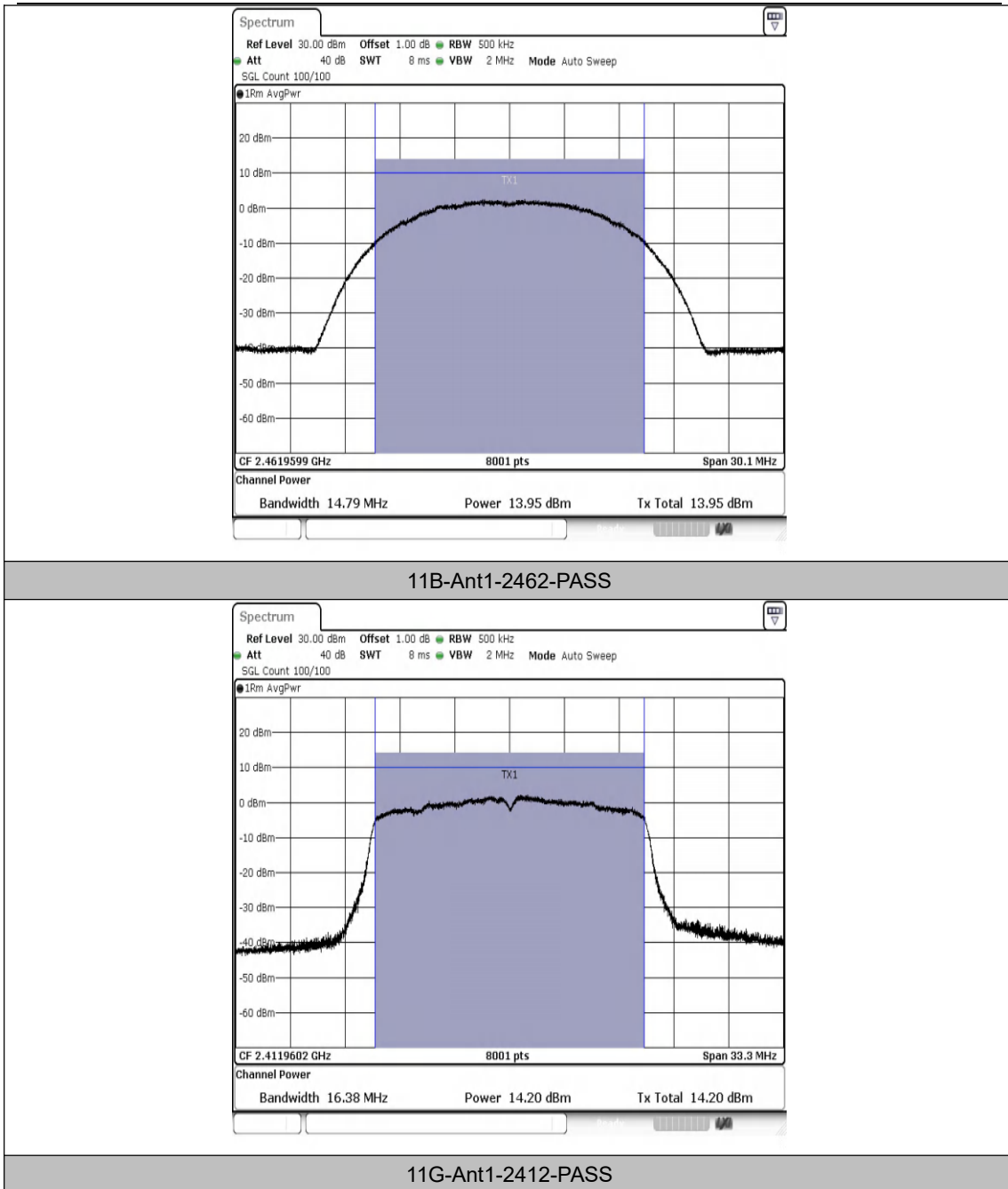
Test Graphs Average



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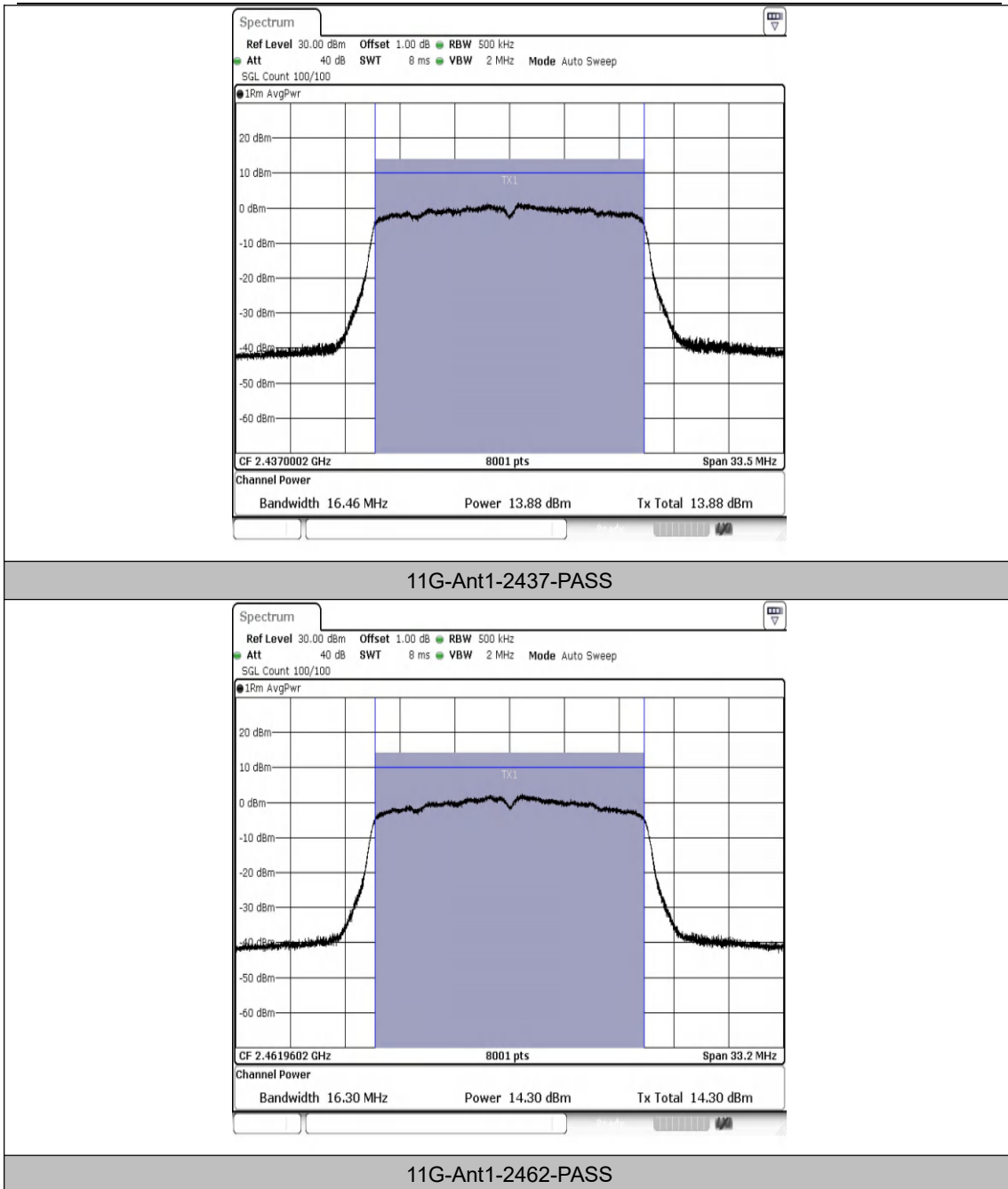
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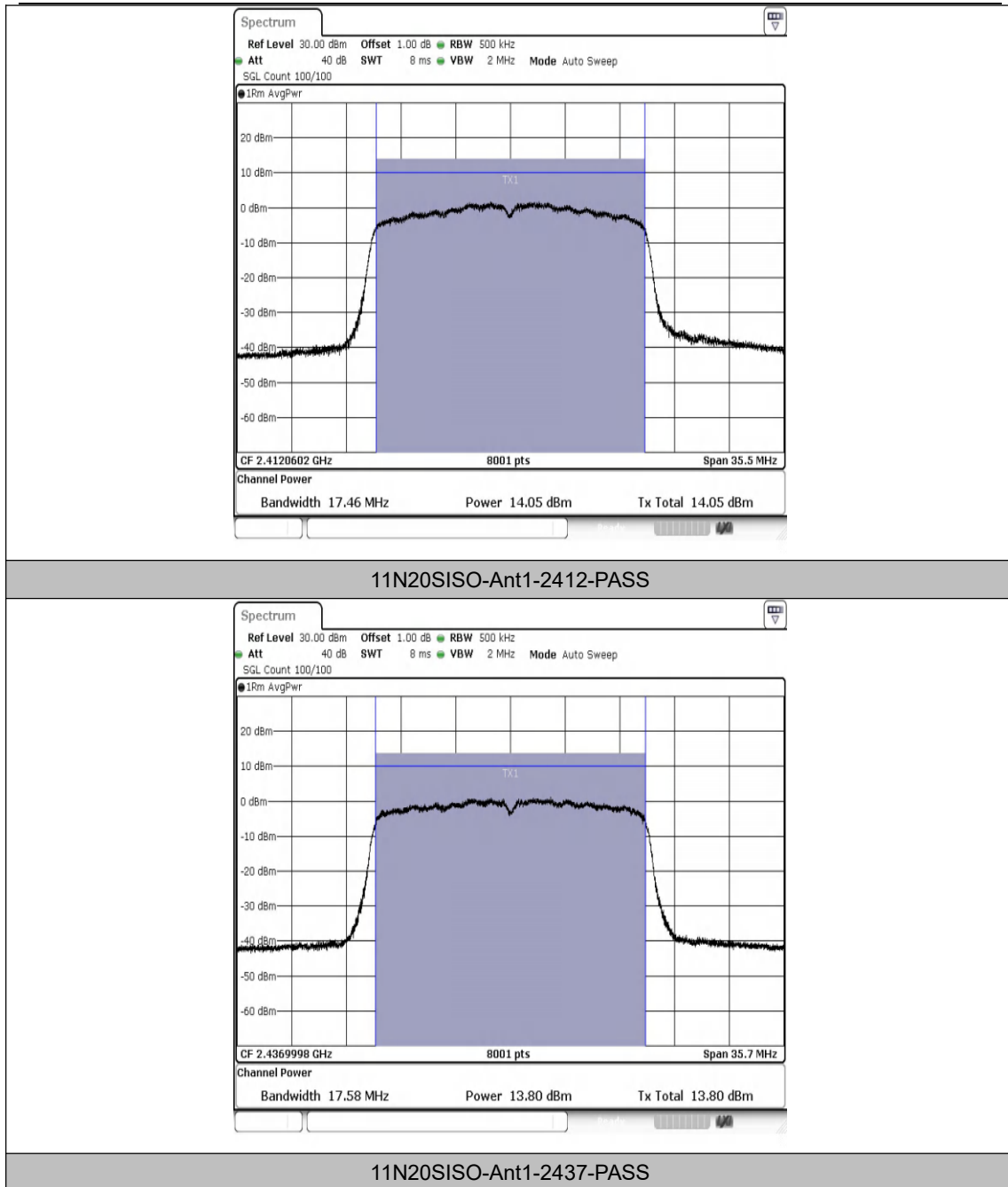
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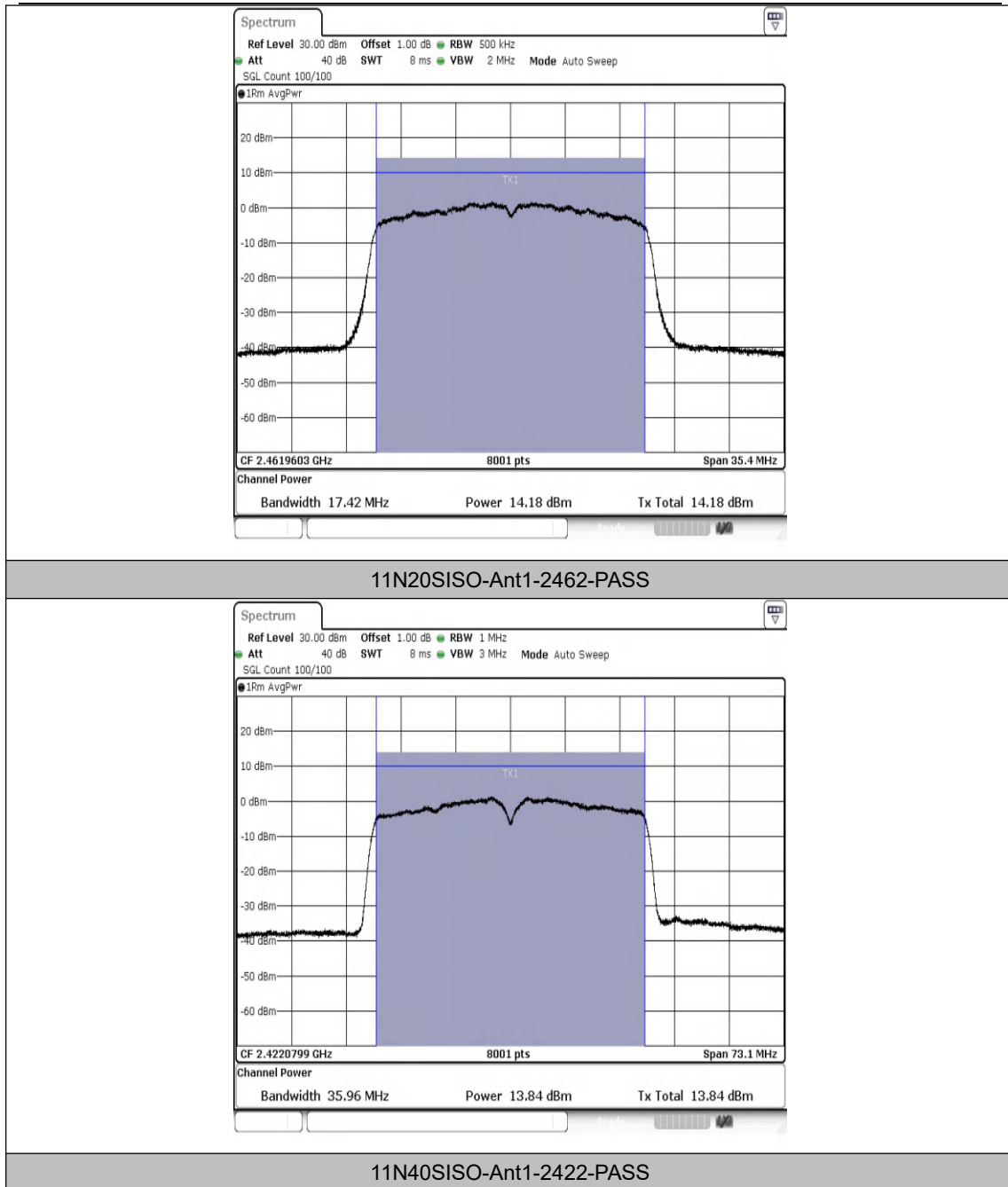
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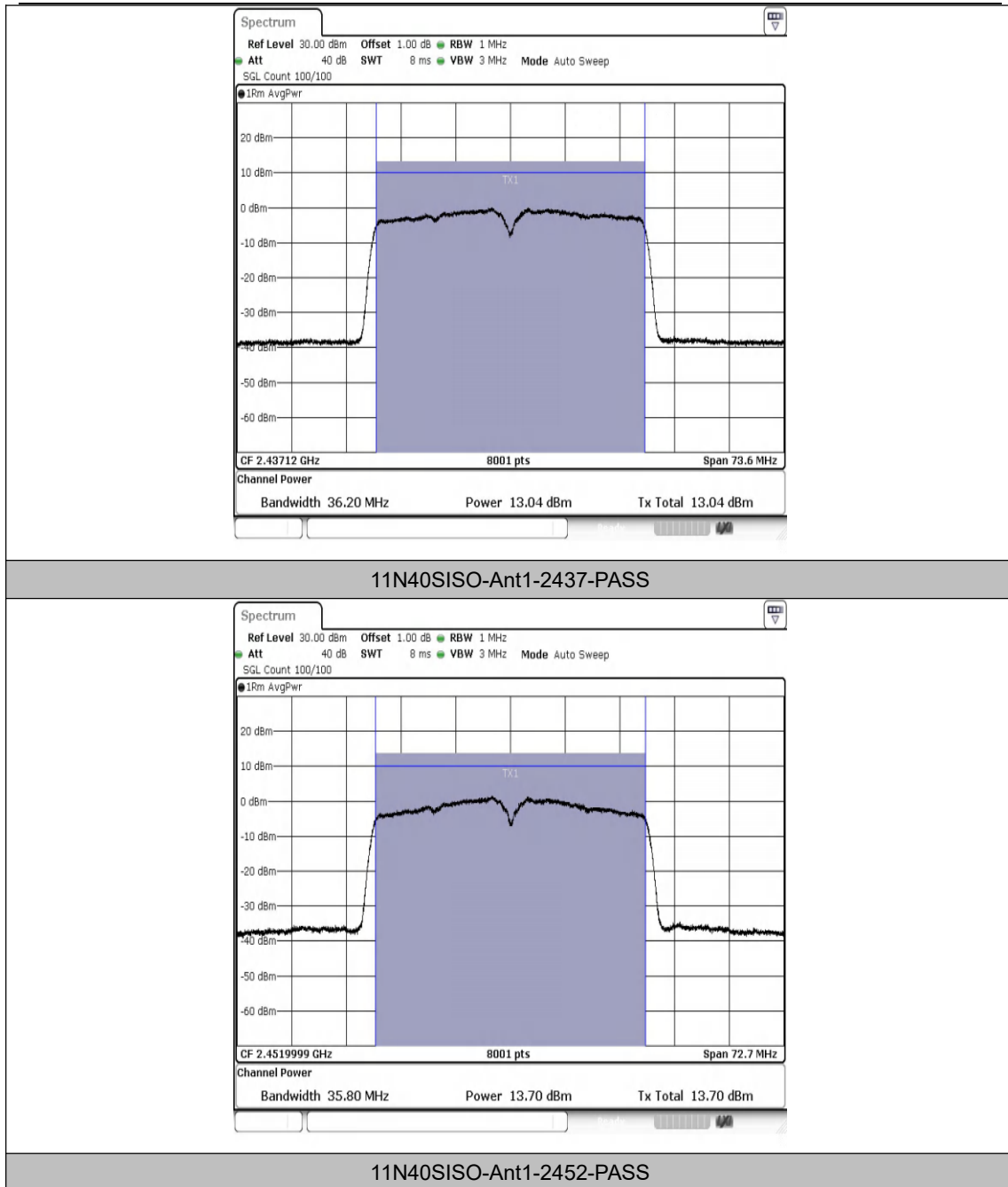
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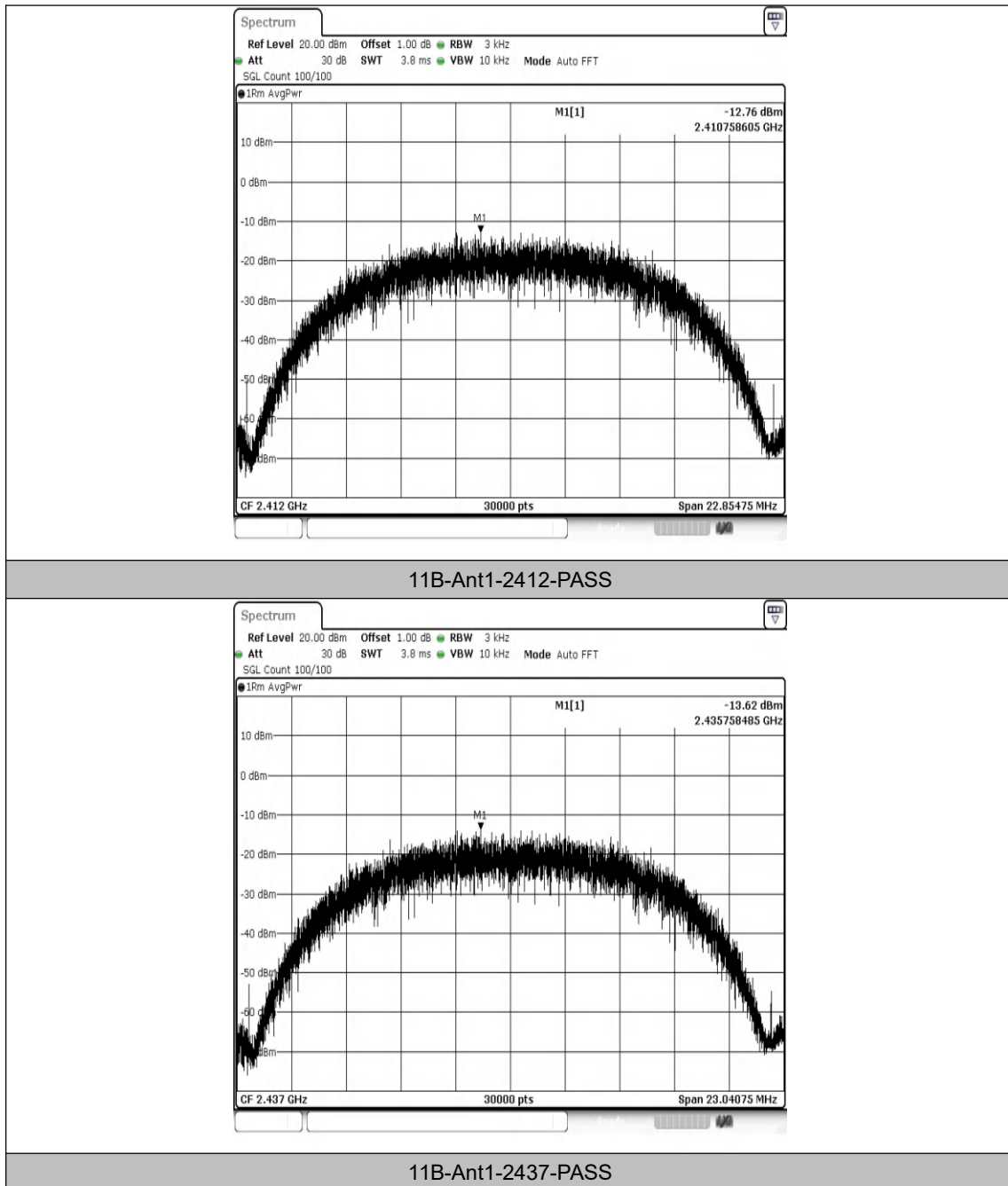
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.76	≤8.00	PASS
11B	Ant1	2437	-13.62	≤8.00	PASS
11B	Ant1	2462	-13.87	≤8.00	PASS
11G	Ant1	2412	-8.91	≤8.00	PASS
11G	Ant1	2437	-9.35	≤8.00	PASS
11G	Ant1	2462	-8.99	≤8.00	PASS
11N20SISO	Ant1	2412	-9.57	≤8.00	PASS
11N20SISO	Ant1	2437	-10.50	≤8.00	PASS
11N20SISO	Ant1	2462	-9.66	≤8.00	PASS
11N40SISO	Ant1	2422	-10.10	≤8.00	PASS
11N40SISO	Ant1	2437	-11.20	≤8.00	PASS
11N40SISO	Ant1	2452	-9.89	≤8.00	PASS

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

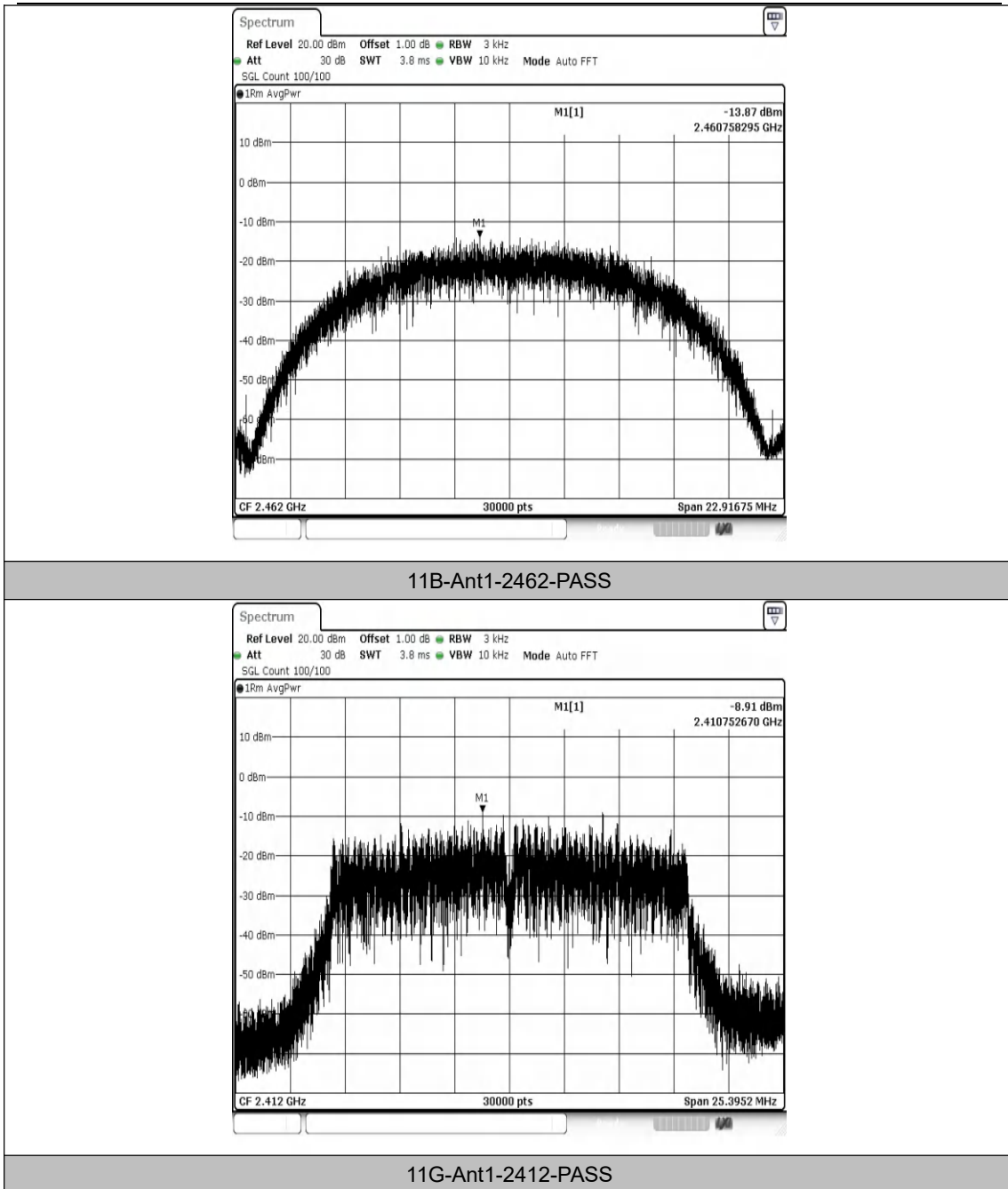
Test Graphs



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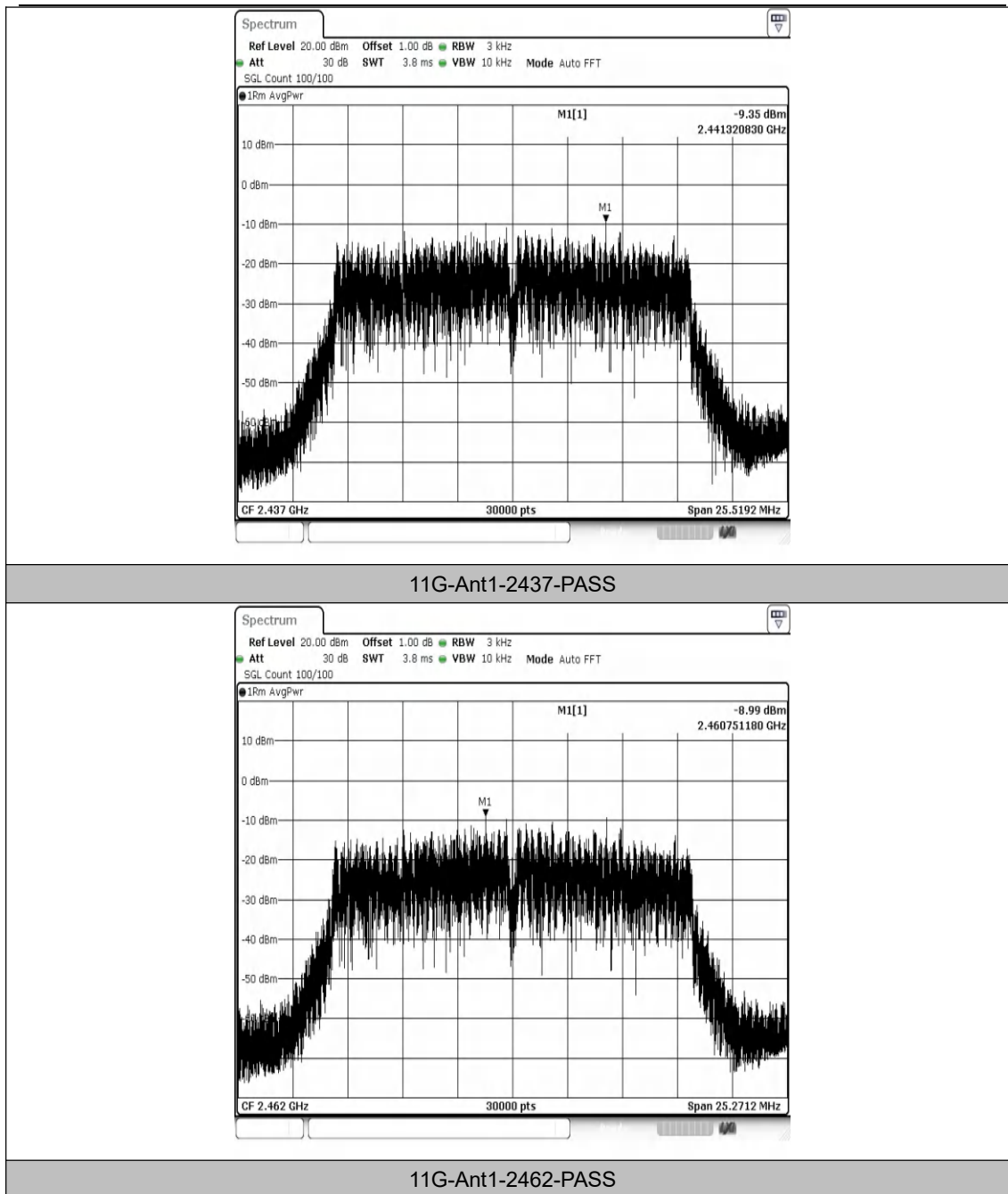
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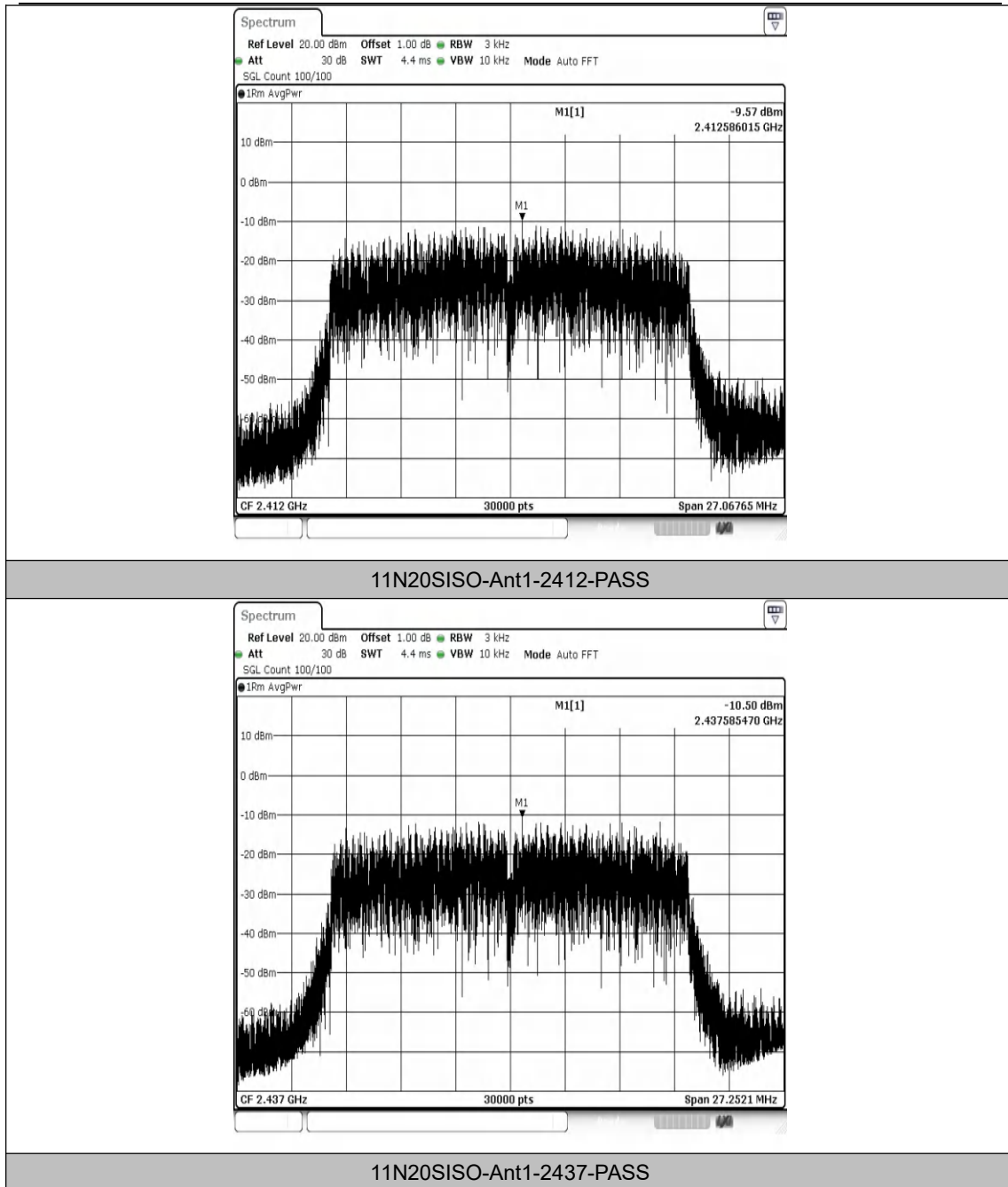
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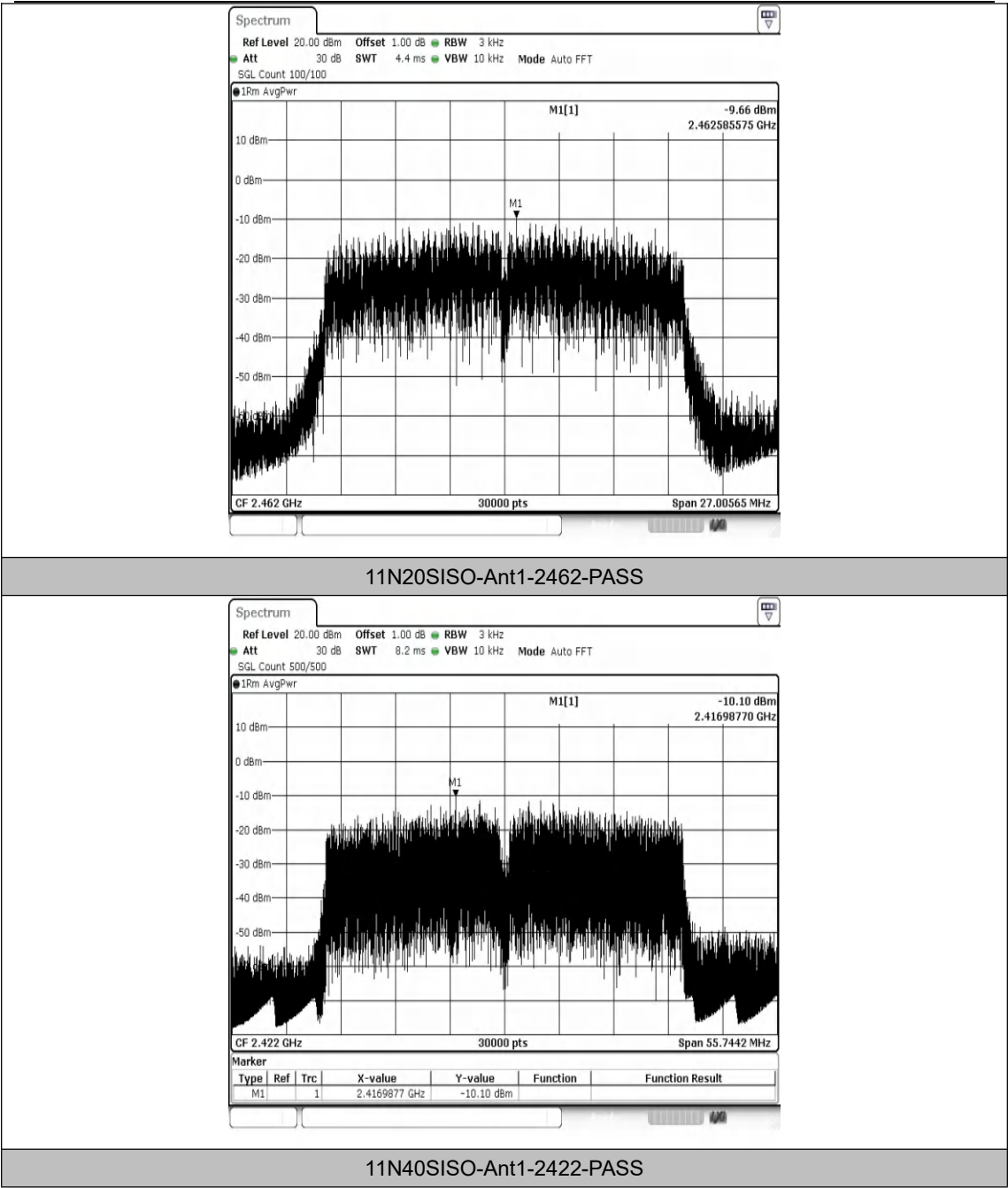


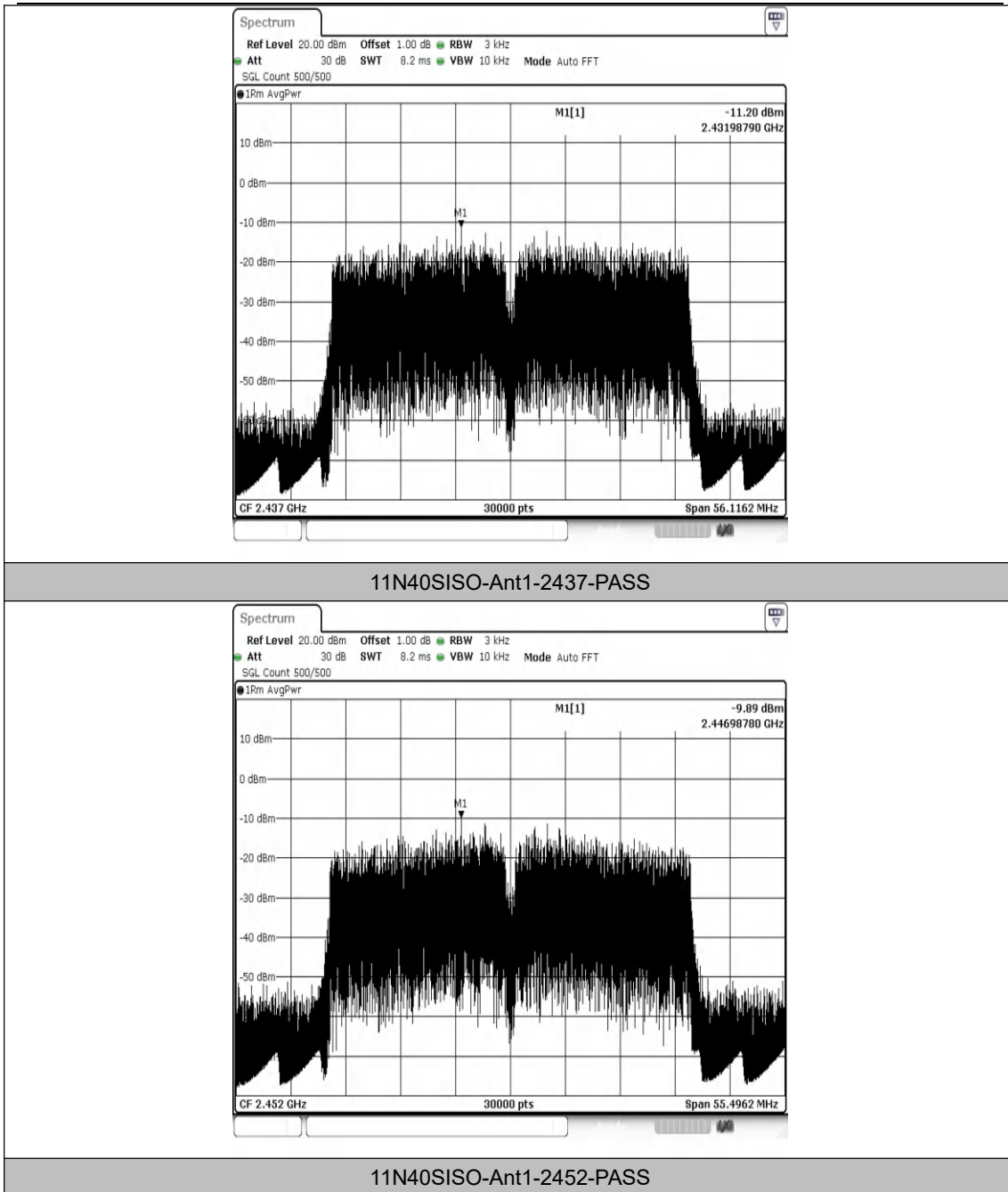
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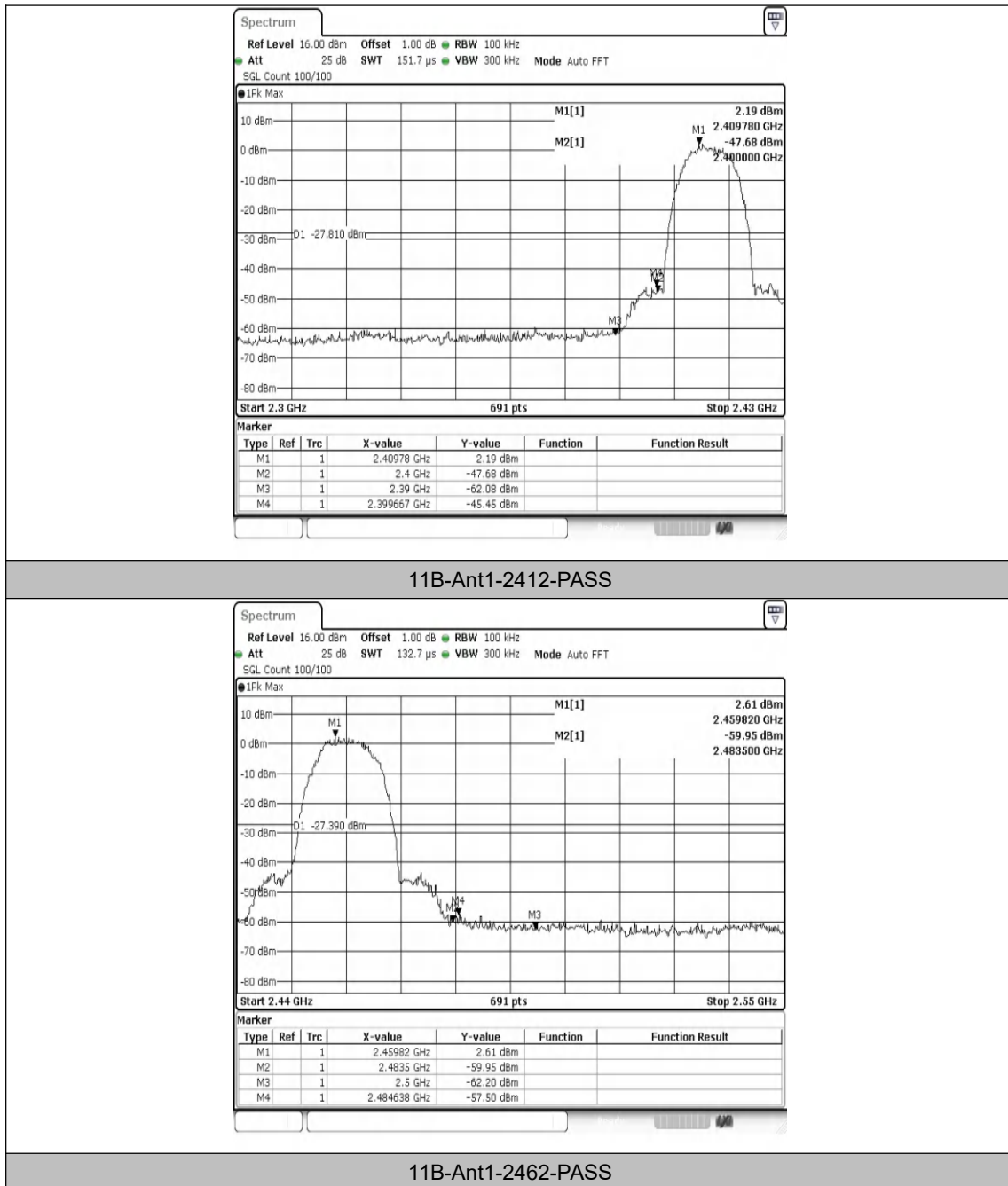
Appendix E: Conducted Band edge

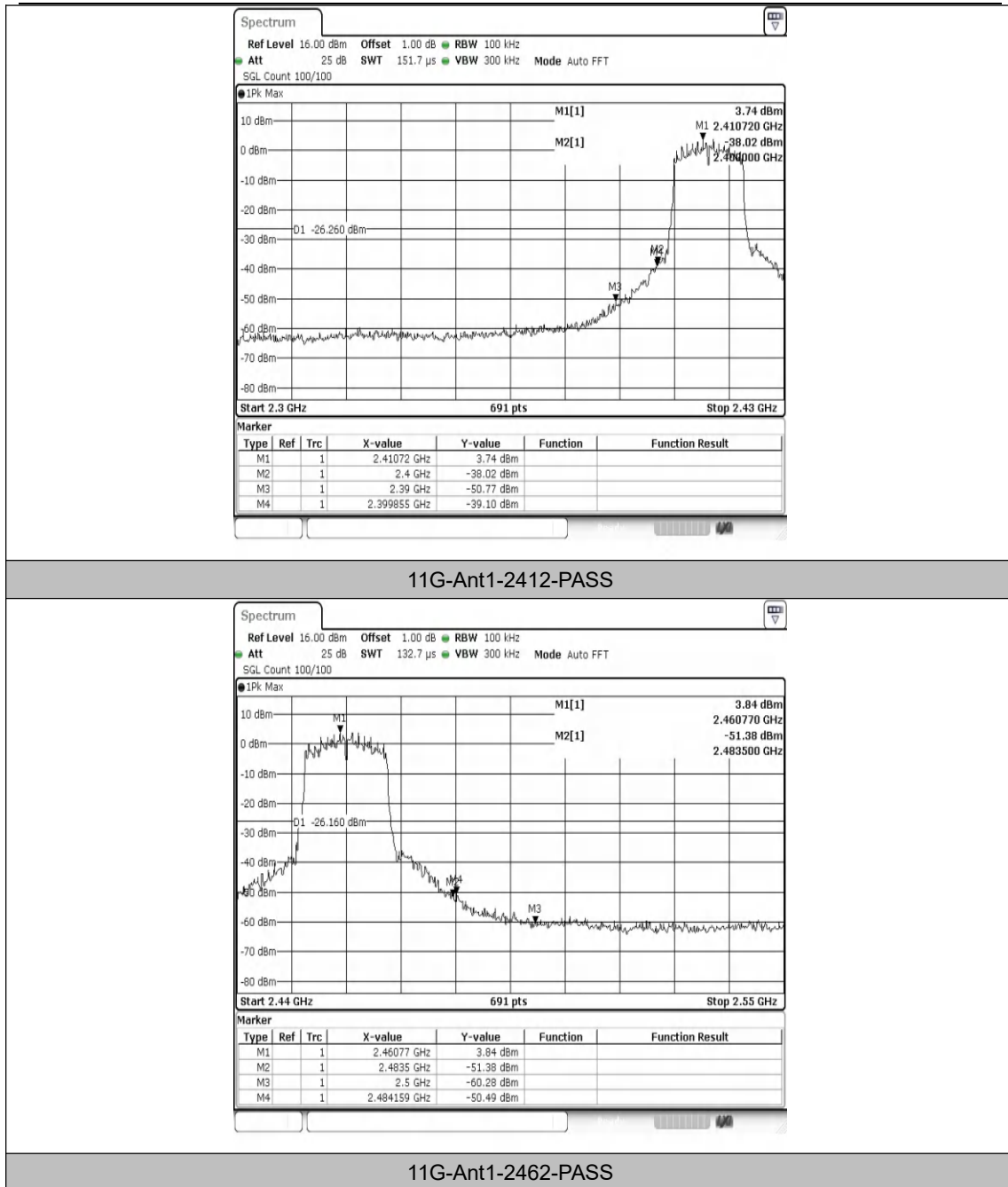
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.19	-45.45	≤-27.81	PASS
11B	Ant1	High	2462	2.61	-57.5	≤-27.39	PASS
11G	Ant1	Low	2412	3.74	-39.1	≤-26.26	PASS
11G	Ant1	High	2462	3.84	-50.49	≤-26.16	PASS
11N20SISO	Ant1	Low	2412	3.56	-39.09	≤-26.44	PASS
11N20SISO	Ant1	High	2462	3.57	-46.69	≤-26.43	PASS
11N40SISO	Ant1	Low	2422	1.54	-40.11	≤-28.46	PASS
11N40SISO	Ant1	High	2452	1.06	-38.97	≤-28.94	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs

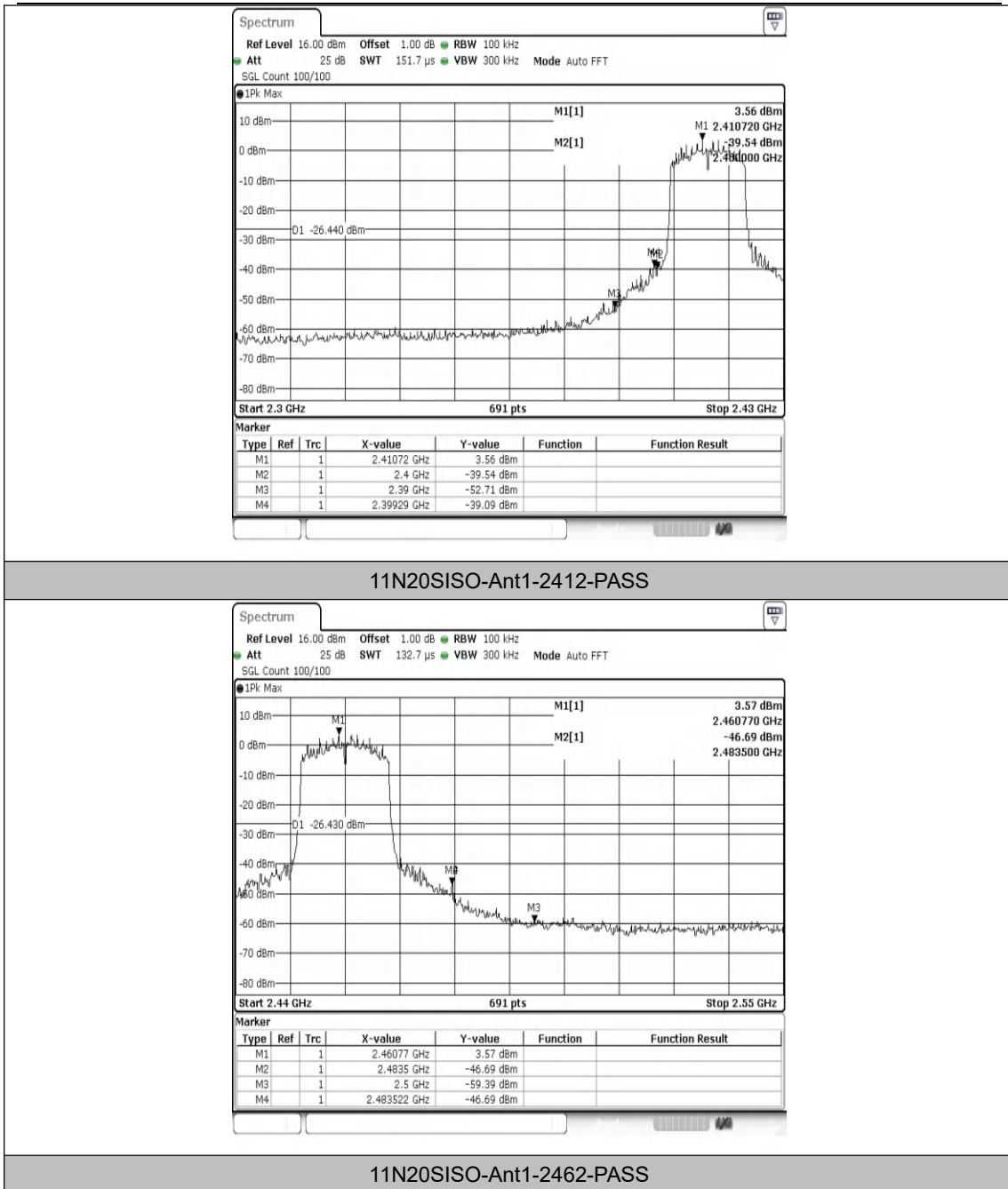


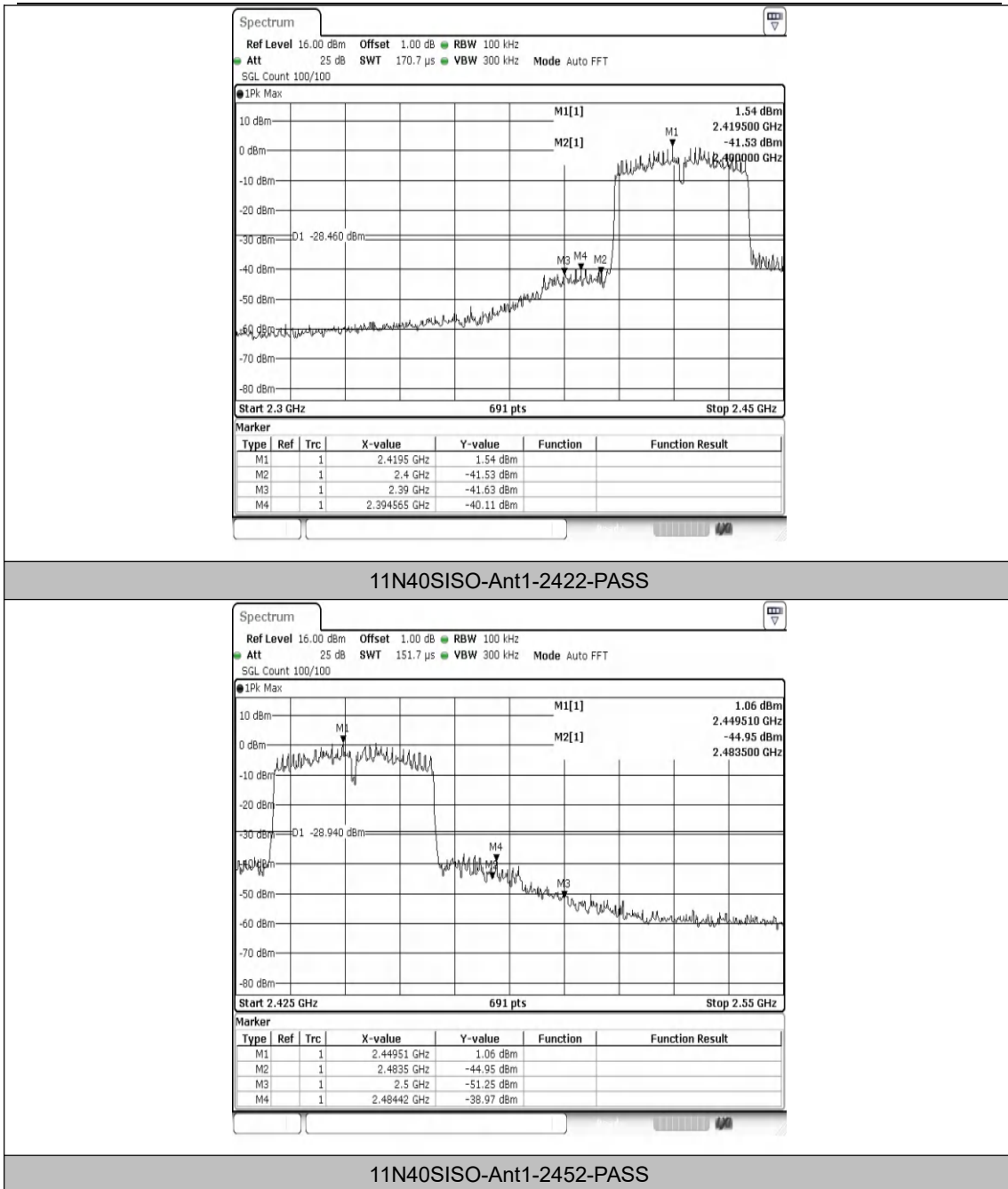


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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range[Mhz]	Ref. Level[dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.20	2.20	---	PASS
11B	Ant1	2412	30~1000	2.20	-57.85	≤-27.8	PASS
11B	Ant1	2412	1000~26500	2.20	-44.19	≤-27.8	PASS
11B	Ant1	2437	0~Reference	8.06	8.06	---	PASS
11B	Ant1	2437	30~1000	8.06	-58.19	≤-21.94	PASS
11B	Ant1	2437	1000~26500	8.06	-43.82	≤-21.94	PASS
11B	Ant1	2462	0~Reference	2.31	2.31	---	PASS
11B	Ant1	2462	30~1000	2.31	-59.26	≤-27.69	PASS
11B	Ant1	2462	1000~26500	2.31	-43.94	≤-27.69	PASS
11G	Ant1	2412	0~Reference	3.86	3.86	---	PASS
11G	Ant1	2412	30~1000	3.86	-58.26	≤-26.14	PASS
11G	Ant1	2412	1000~26500	3.86	-44.09	≤-26.14	PASS
11G	Ant1	2437	0~Reference	3.06	3.06	---	PASS
11G	Ant1	2437	30~1000	3.06	-57.23	≤-26.94	PASS
11G	Ant1	2437	1000~26500	3.06	-43.95	≤-26.94	PASS
11G	Ant1	2462	0~Reference	4.03	4.03	---	PASS
11G	Ant1	2462	30~1000	4.03	-58.23	≤-25.97	PASS
11G	Ant1	2462	1000~26500	4.03	-43.91	≤-25.97	PASS
11N20SISO	Ant1	2412	0~Reference	4.11	4.11	---	PASS
11N20SISO	Ant1	2412	30~1000	4.11	-57.98	≤-25.89	PASS
11N20SISO	Ant1	2412	1000~26500	4.11	-44.3	≤-25.89	PASS
11N20SISO	Ant1	2437	0~Reference	3.14	3.14	---	PASS
11N20SISO	Ant1	2437	30~1000	3.14	-58.7	≤-26.86	PASS
11N20SISO	Ant1	2437	1000~26500	3.14	-43.8	≤-26.86	PASS
11N20SISO	Ant1	2462	0~Reference	4.10	4.10	---	PASS
11N20SISO	Ant1	2462	30~1000	4.10	-56.72	≤-25.9	PASS
11N20SISO	Ant1	2462	1000~26500	4.10	-44.03	≤-25.9	PASS
11N40SISO	Ant1	2422	0~Reference	1.14	1.14	---	PASS
11N40SISO	Ant1	2422	30~1000	1.14	-58.04	≤-28.86	PASS
11N40SISO	Ant1	2422	1000~26500	1.14	-44.67	≤-28.86	PASS
11N40SISO	Ant1	2437	0~Reference	-0.11	-0.11	---	PASS
11N40SISO	Ant1	2437	30~1000	-0.11	-57.6	≤-30.11	PASS
11N40SISO	Ant1	2437	1000~26500	-0.11	-44.56	≤-30.11	PASS
11N40SISO	Ant1	2452	0~Reference	1.58	1.58	---	PASS
11N40SISO	Ant1	2452	30~1000	1.58	-58.83	≤-28.42	PASS
11N40SISO	Ant1	2452	1000~26500	1.58	-44.43	≤-28.42	PASS

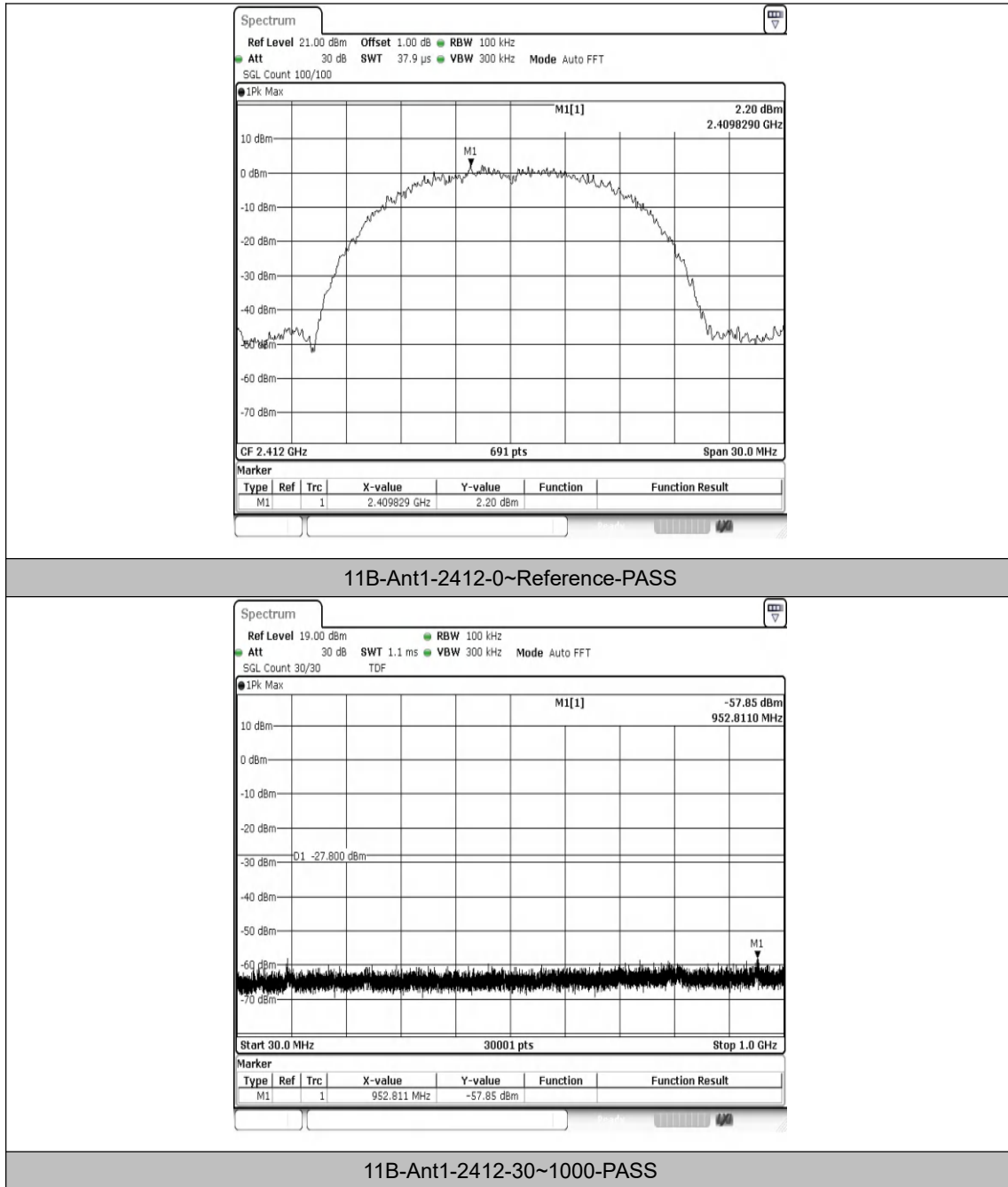
Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

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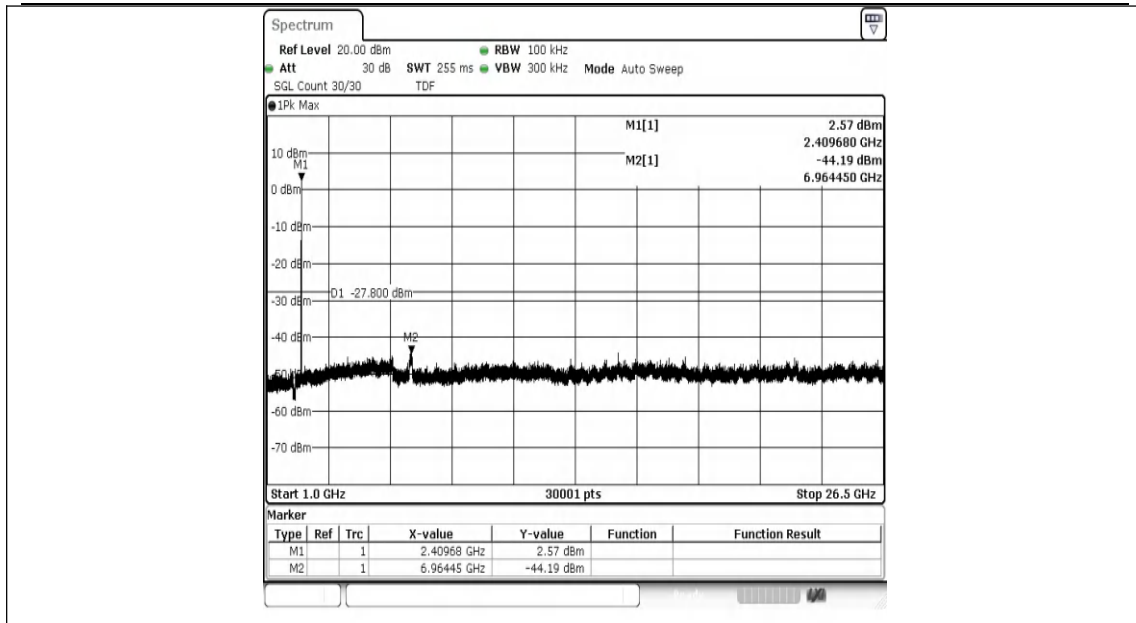
Test Graphs



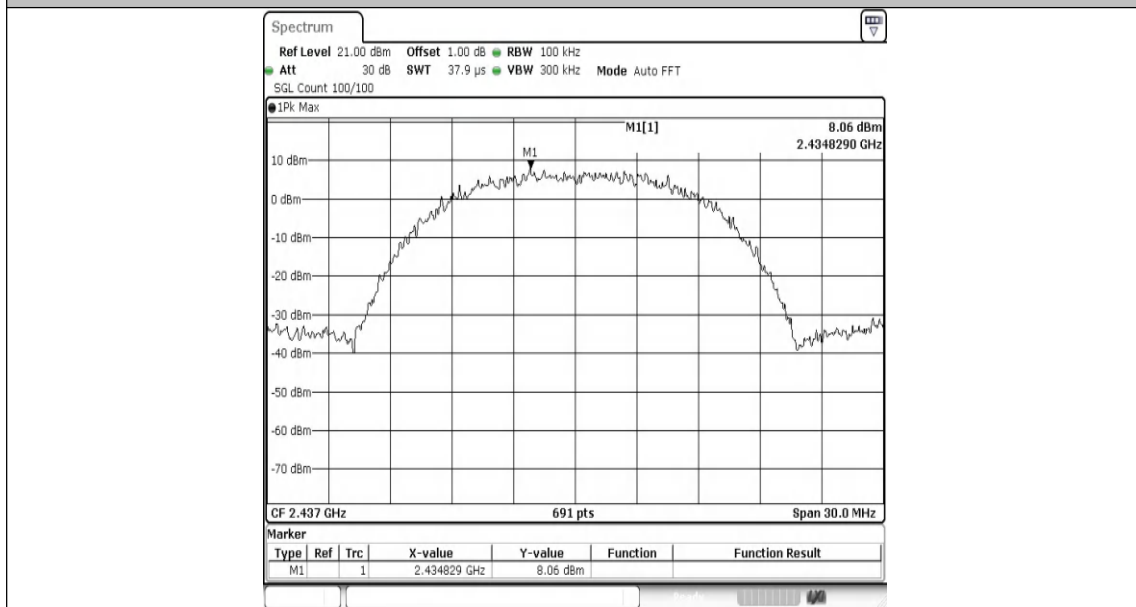
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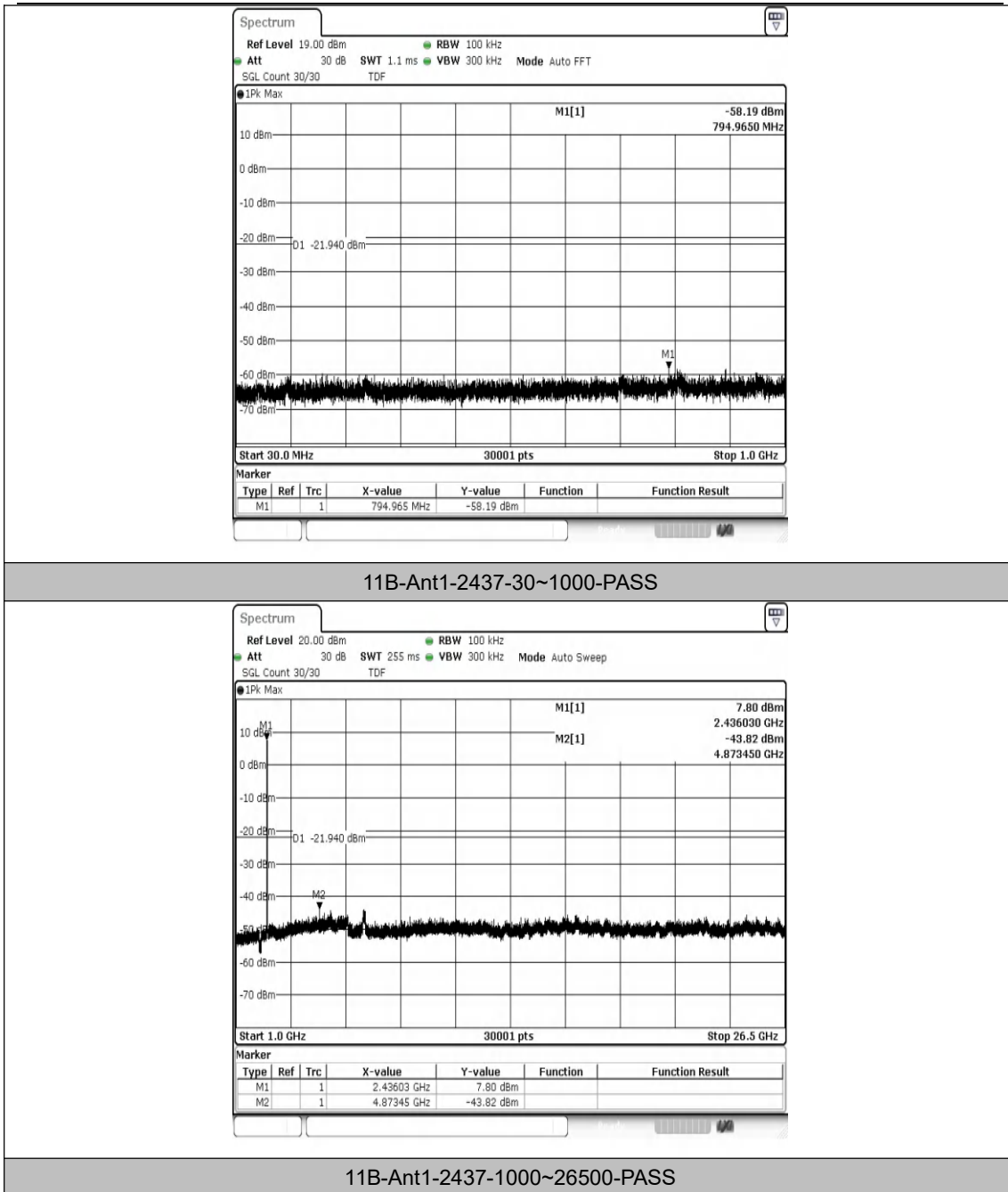
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11B-Ant1-2412-1000~26500-PASS



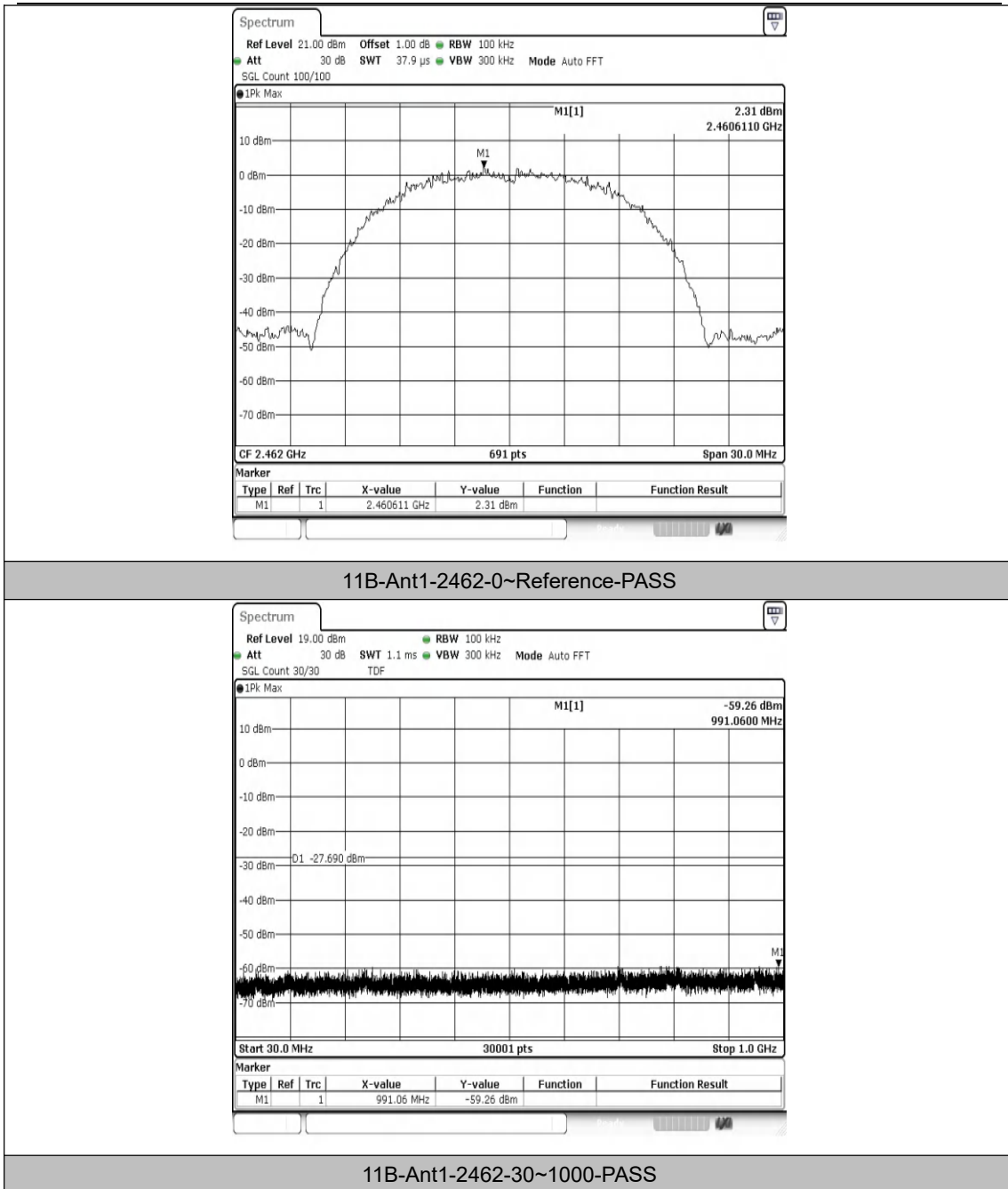
11B-Ant1-2437-0~Reference-PASS



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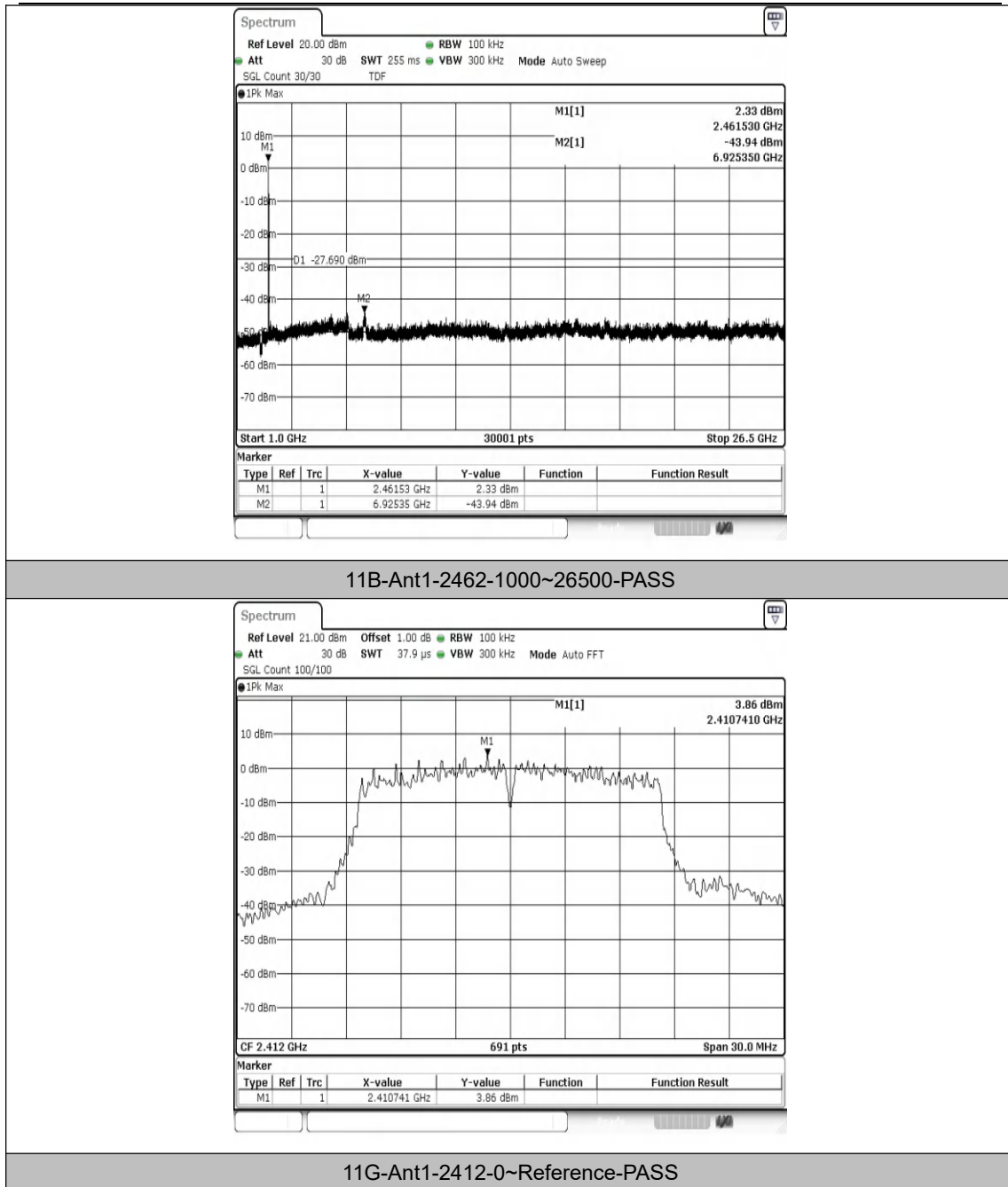
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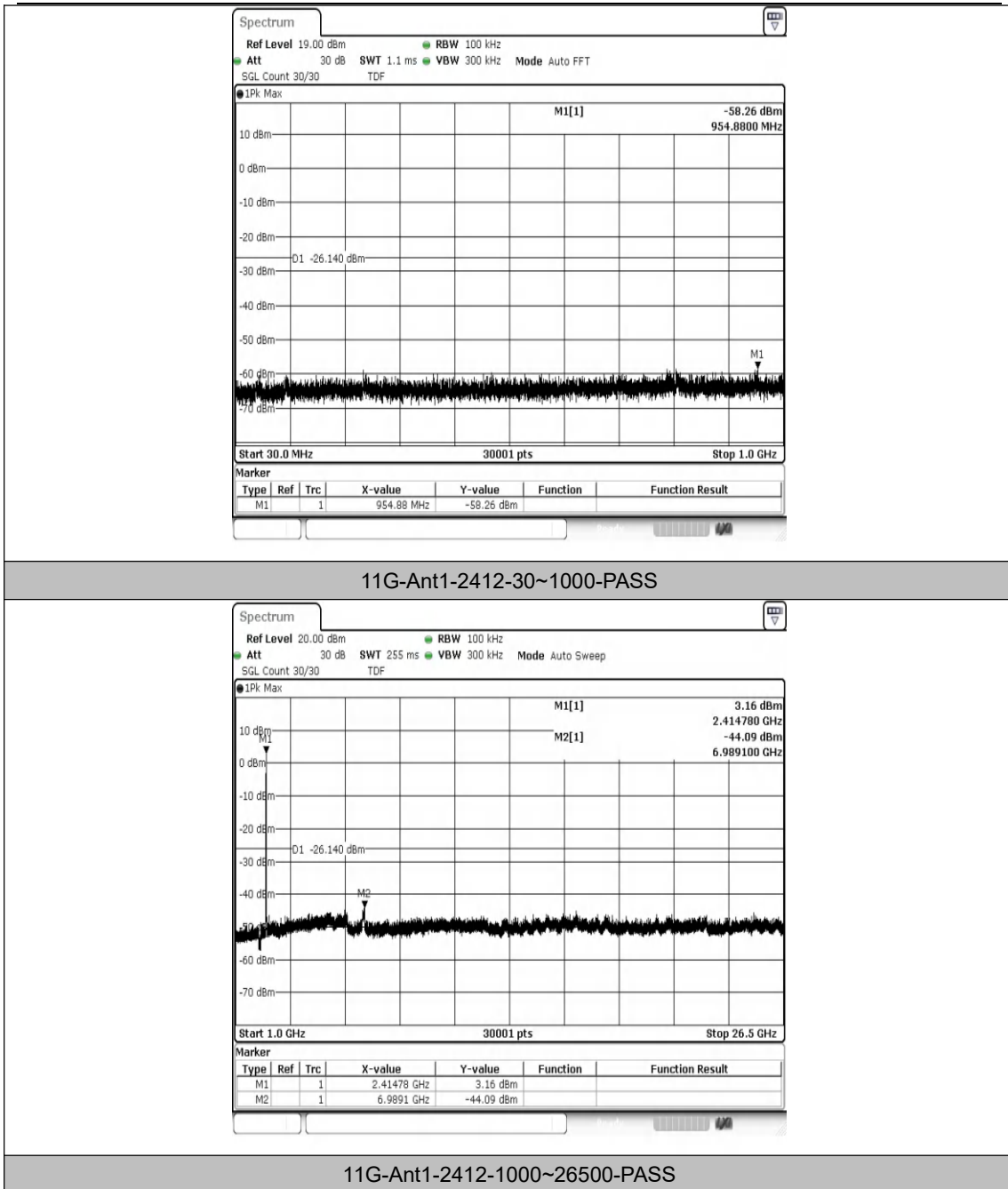
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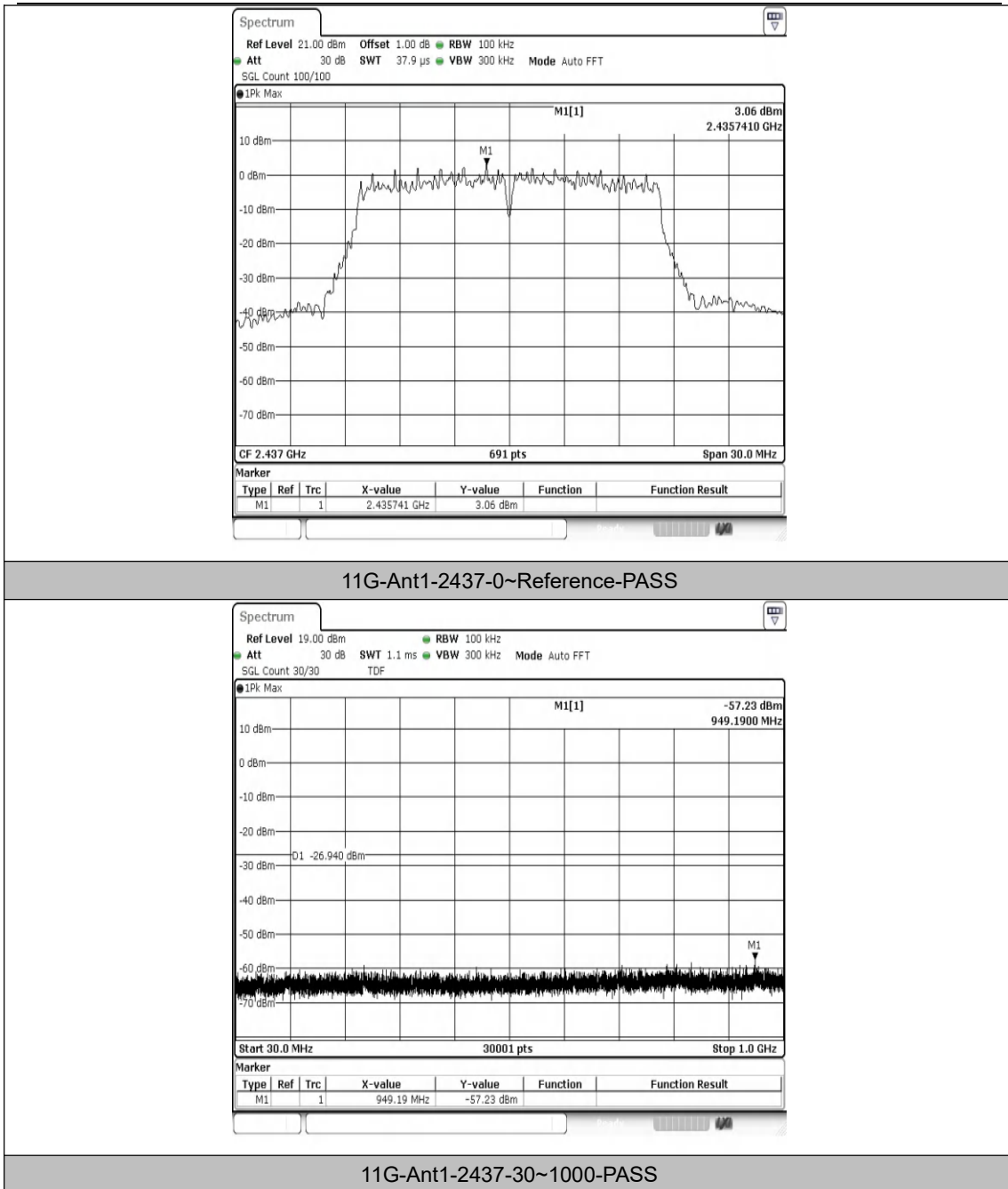
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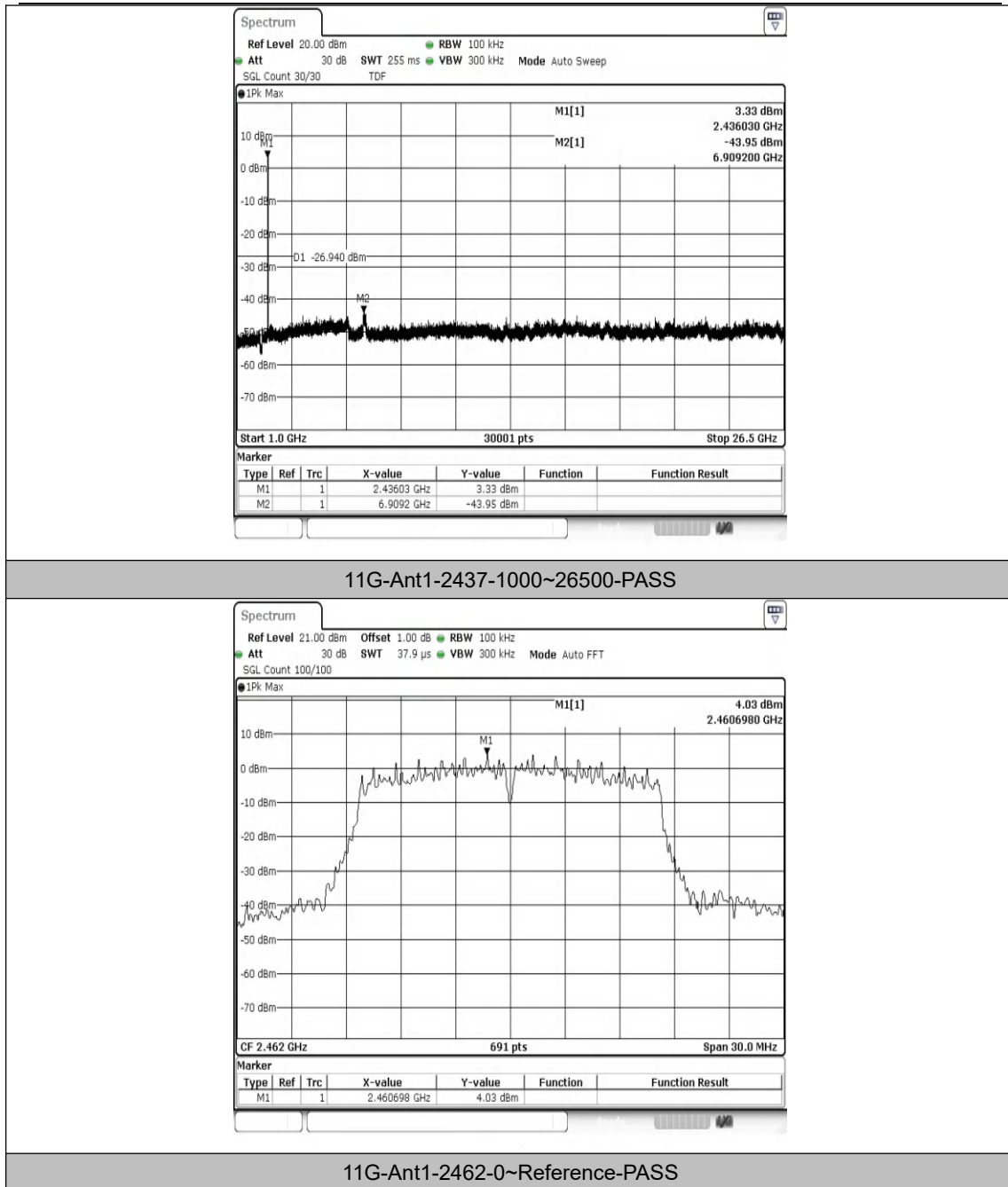
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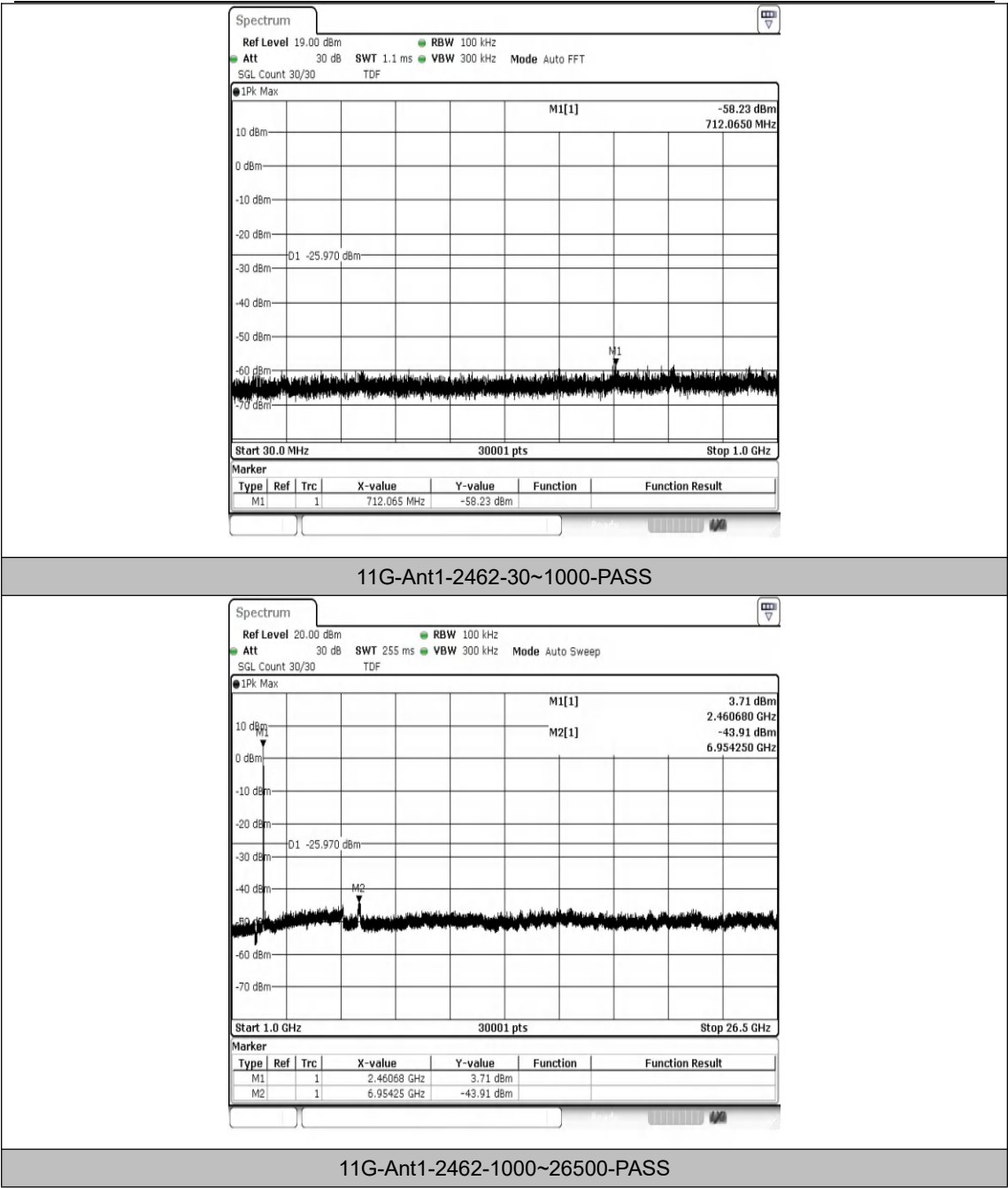
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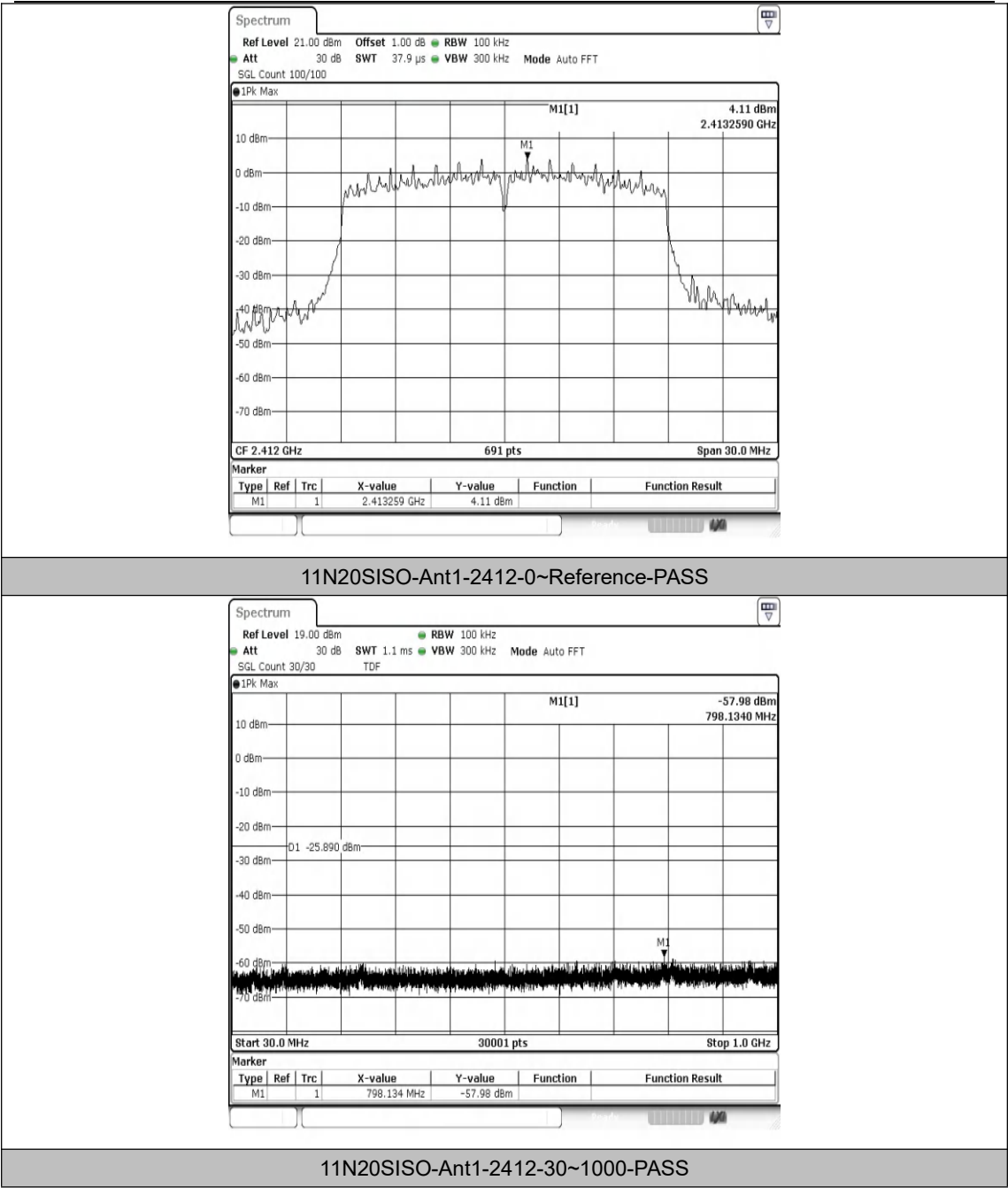
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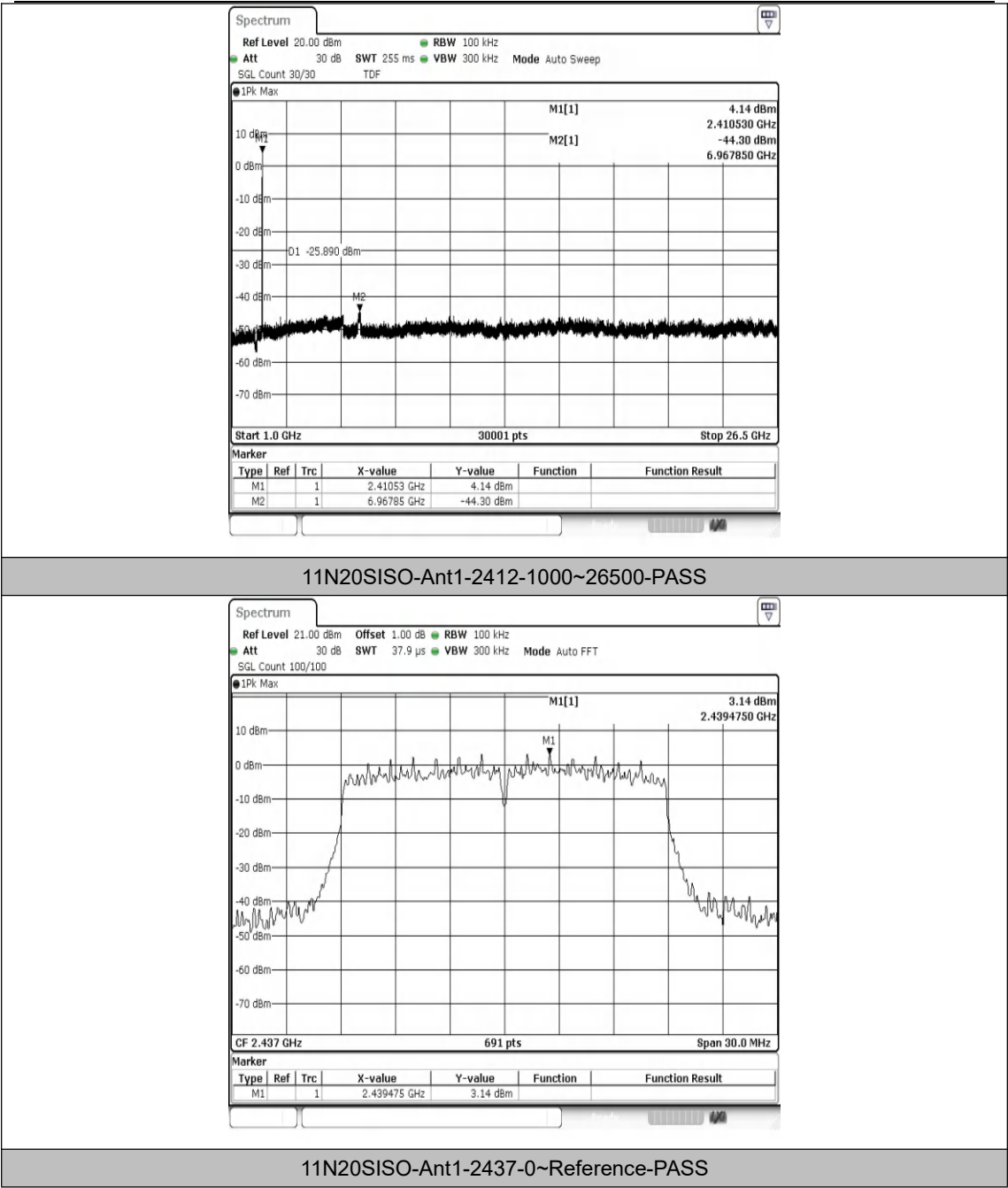


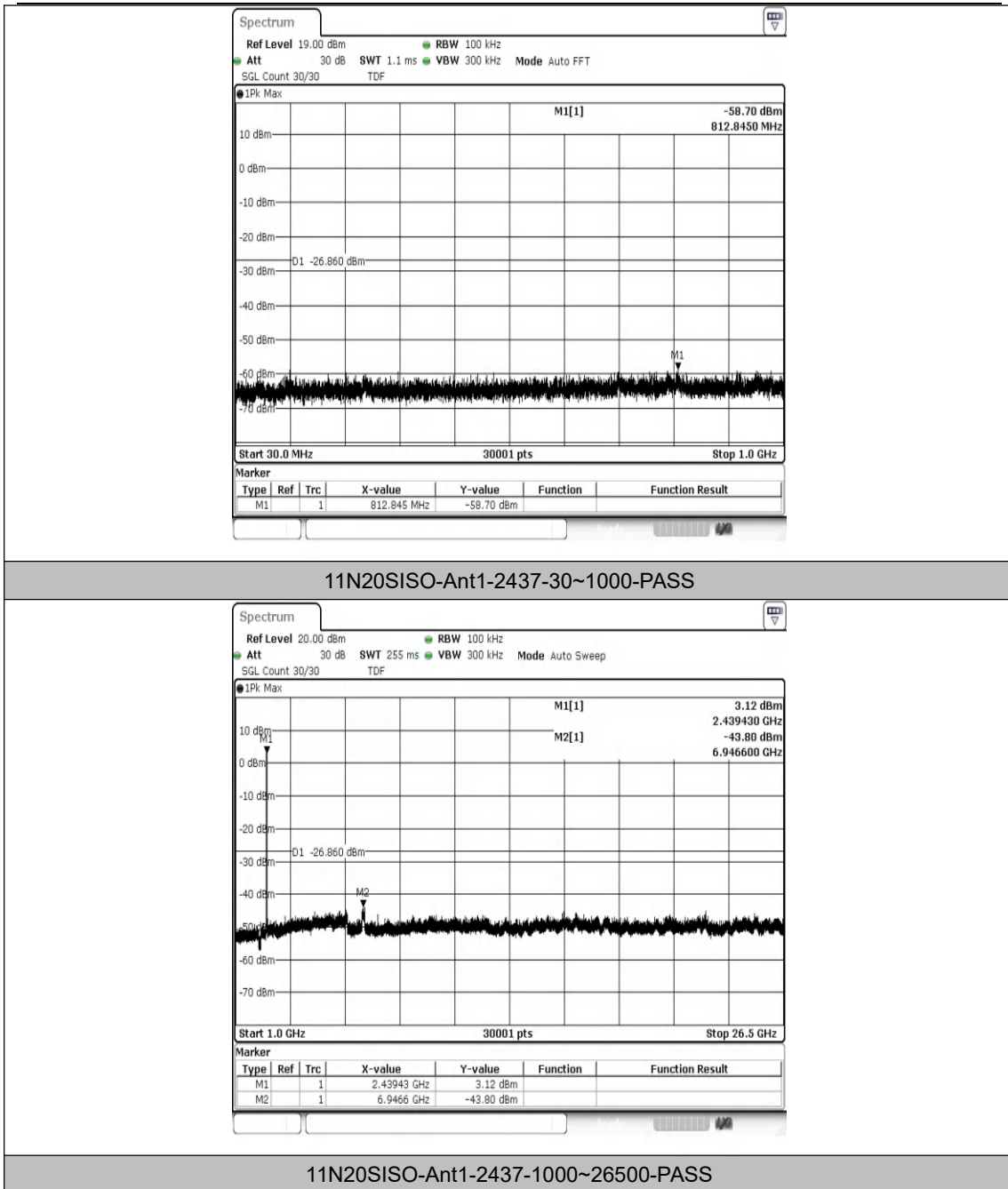
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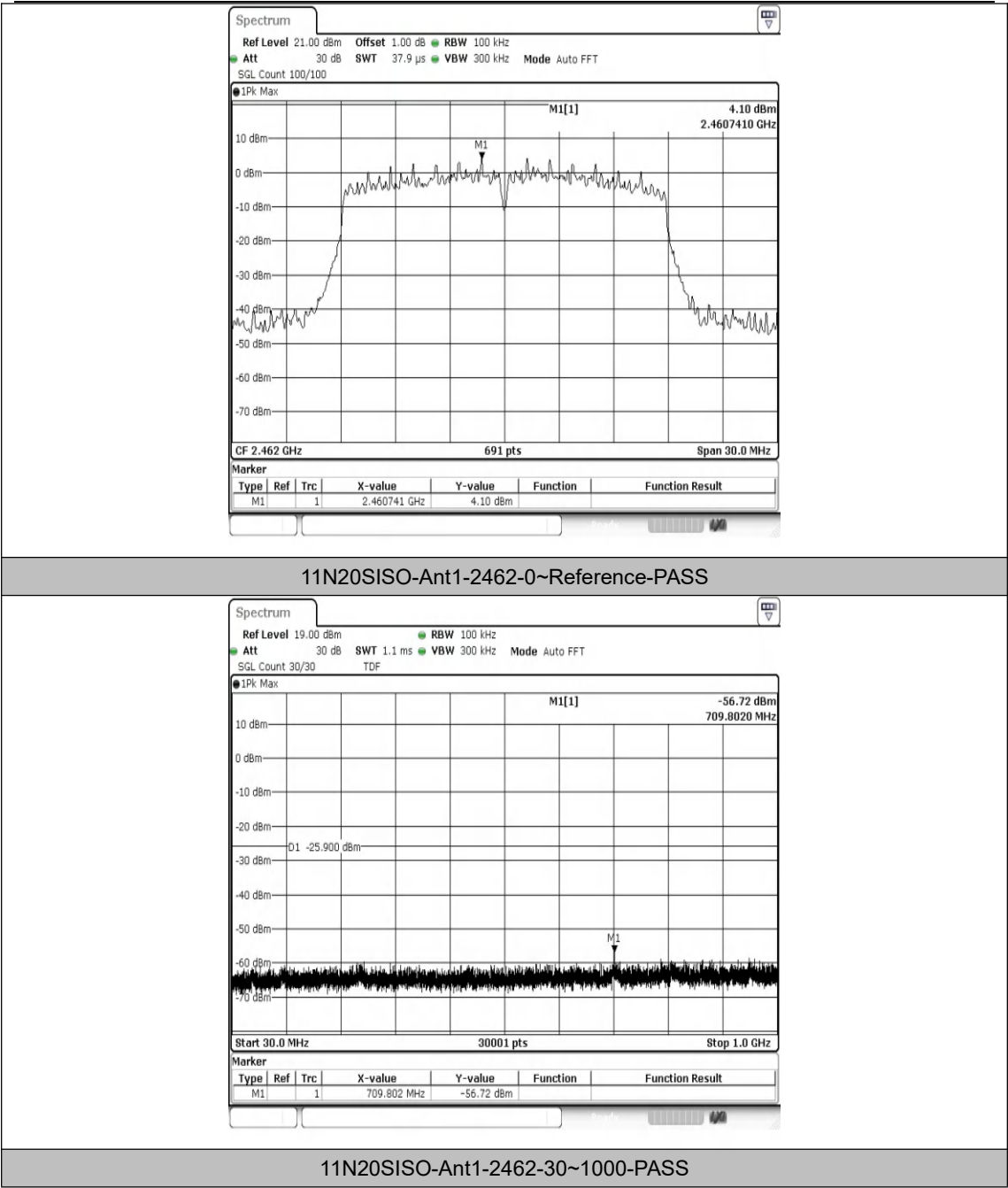


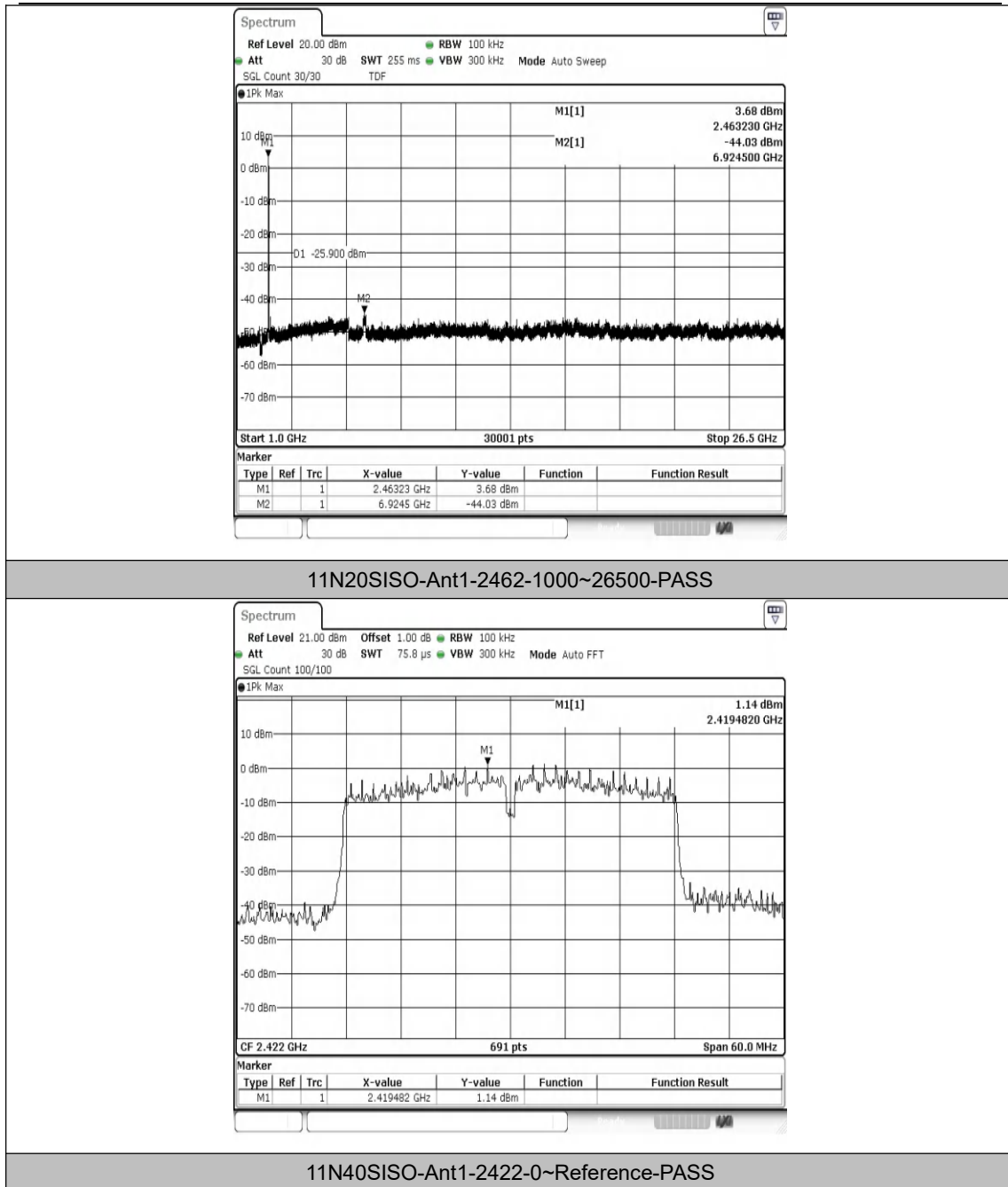


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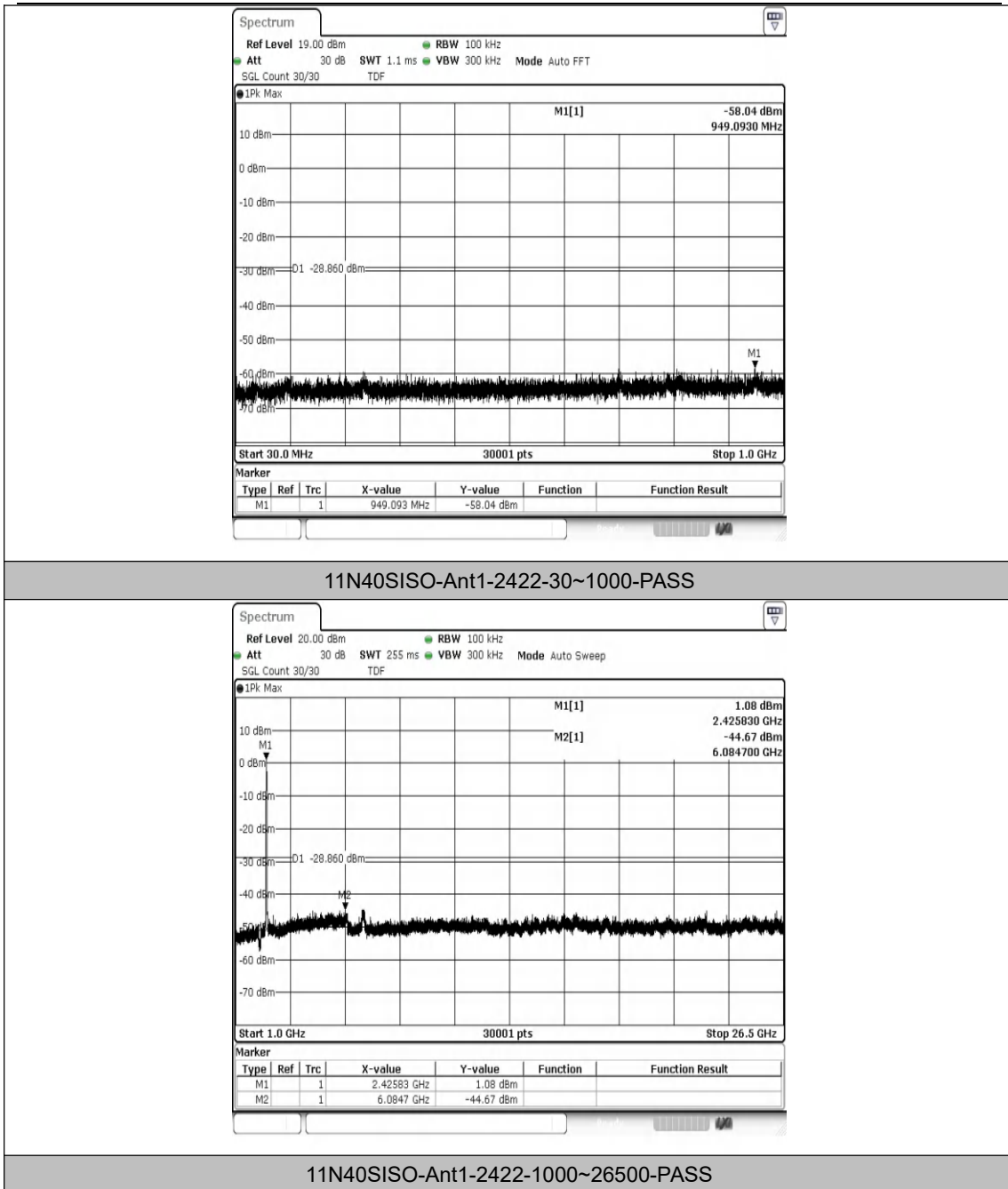




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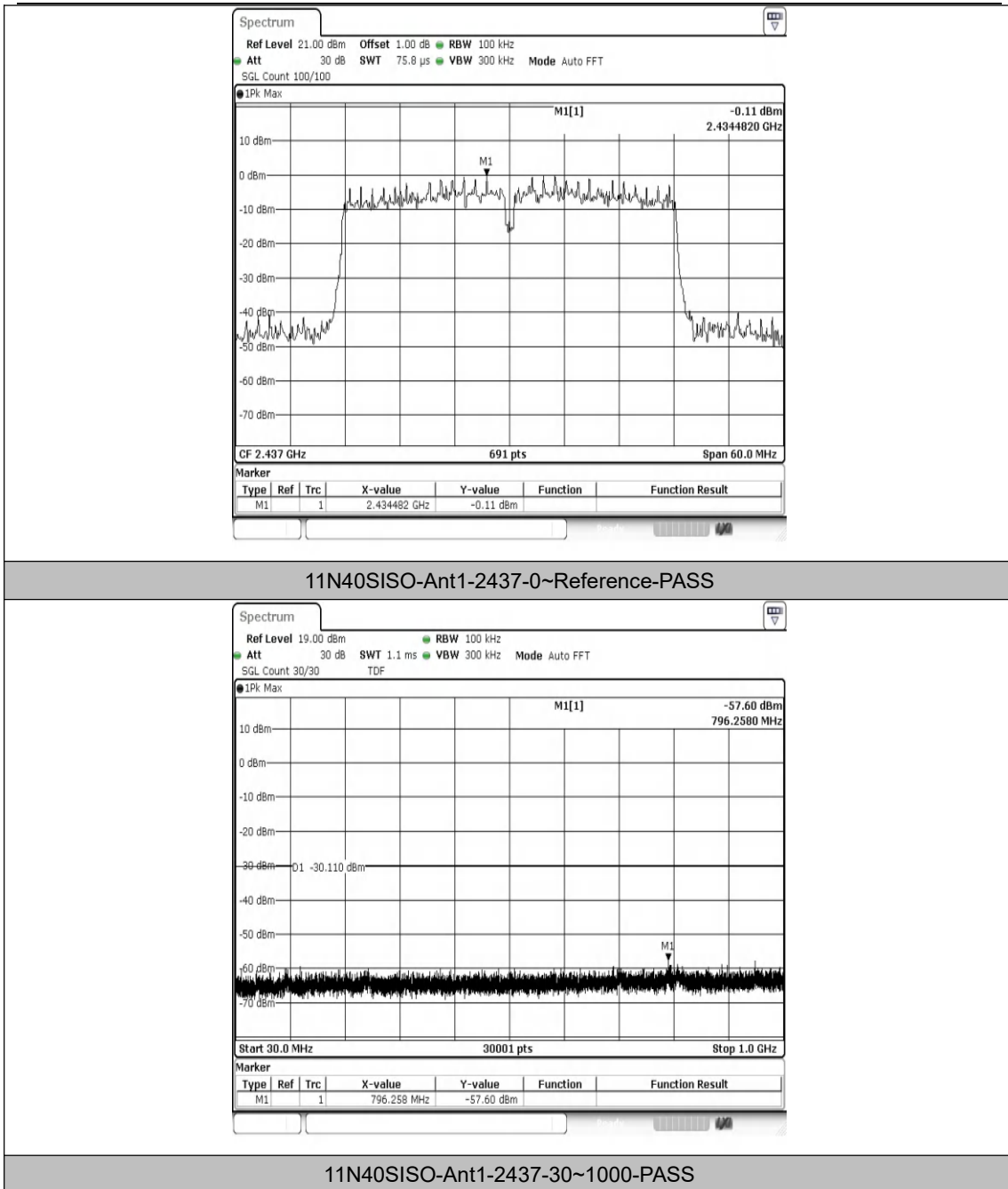
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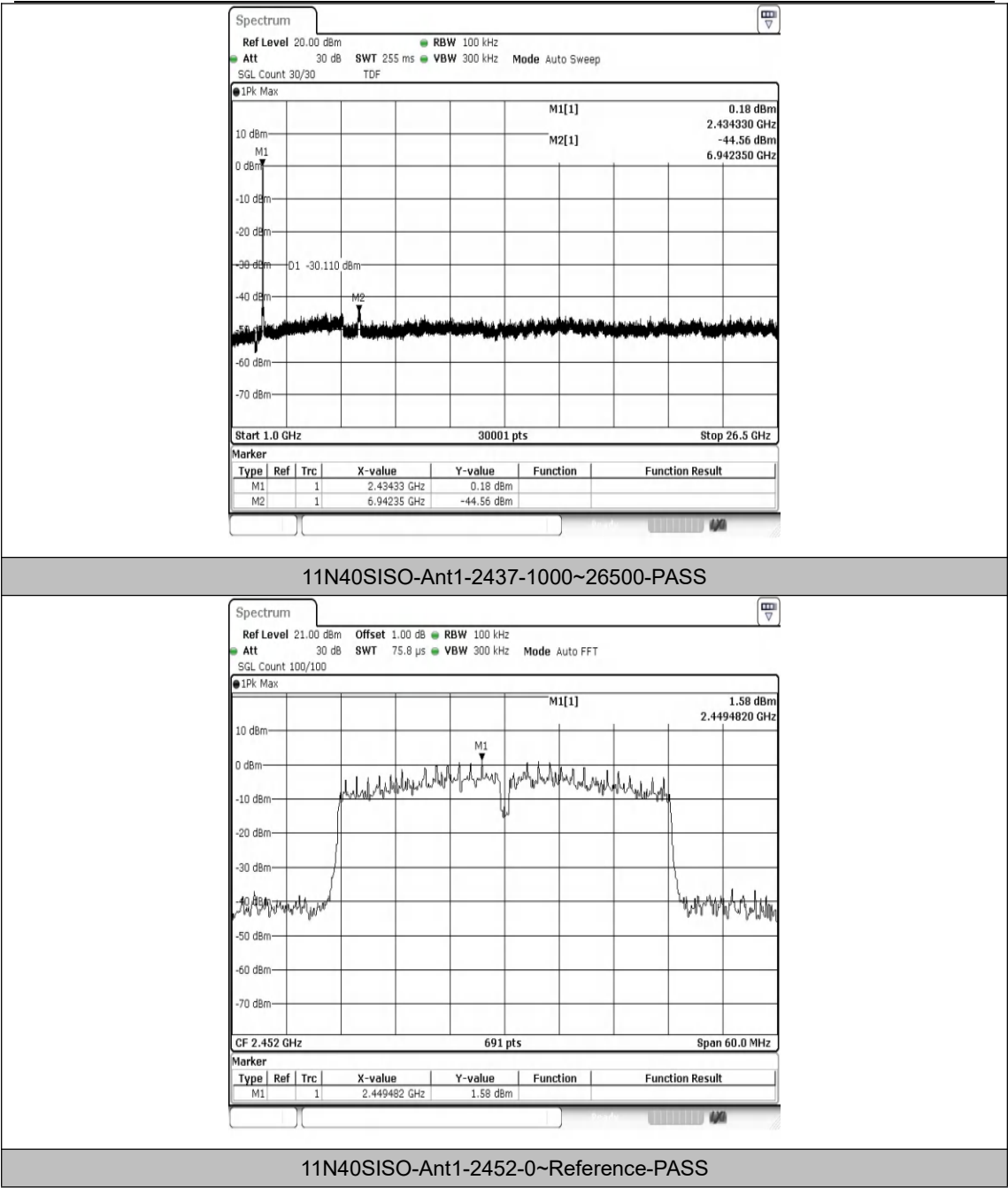
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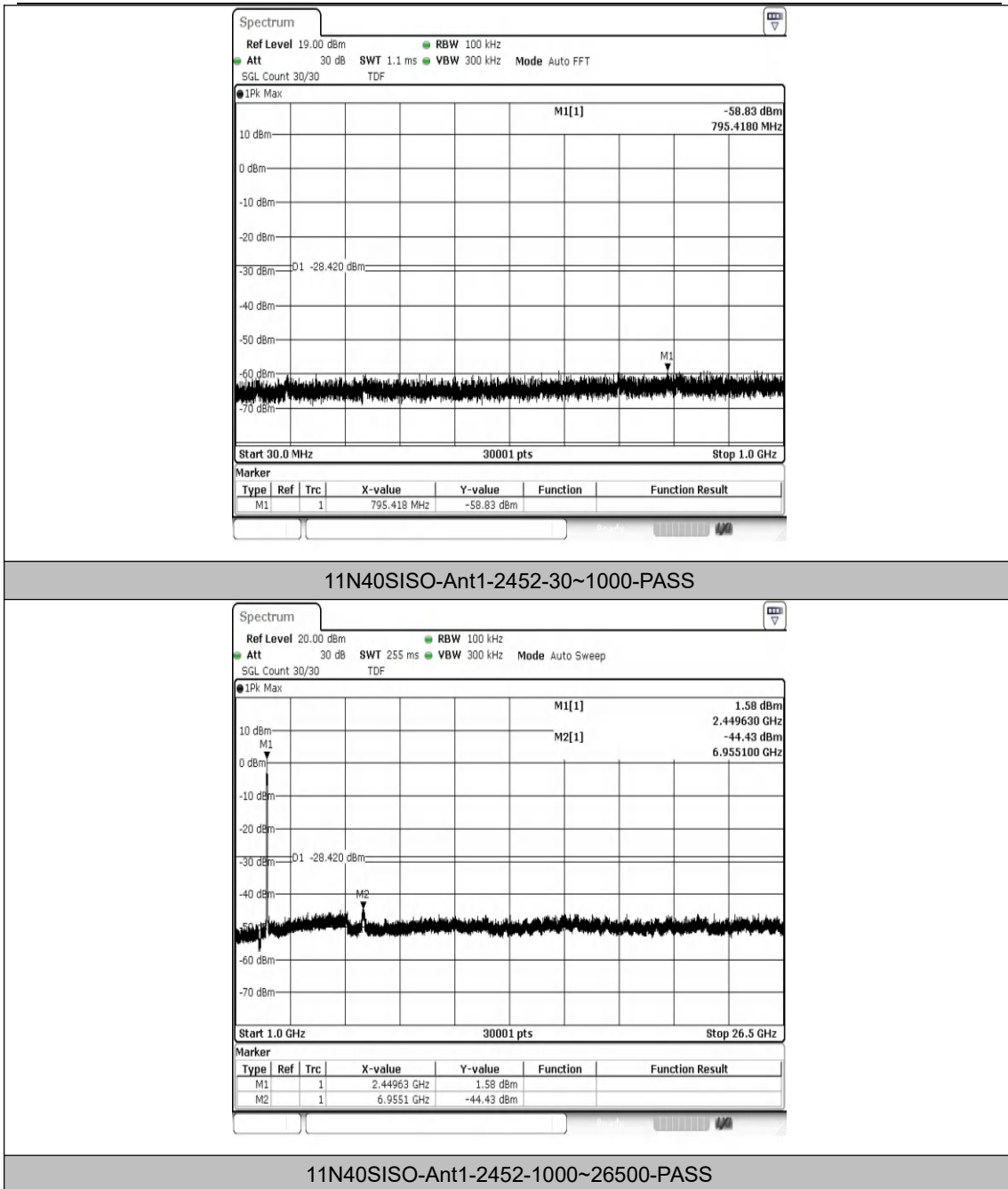


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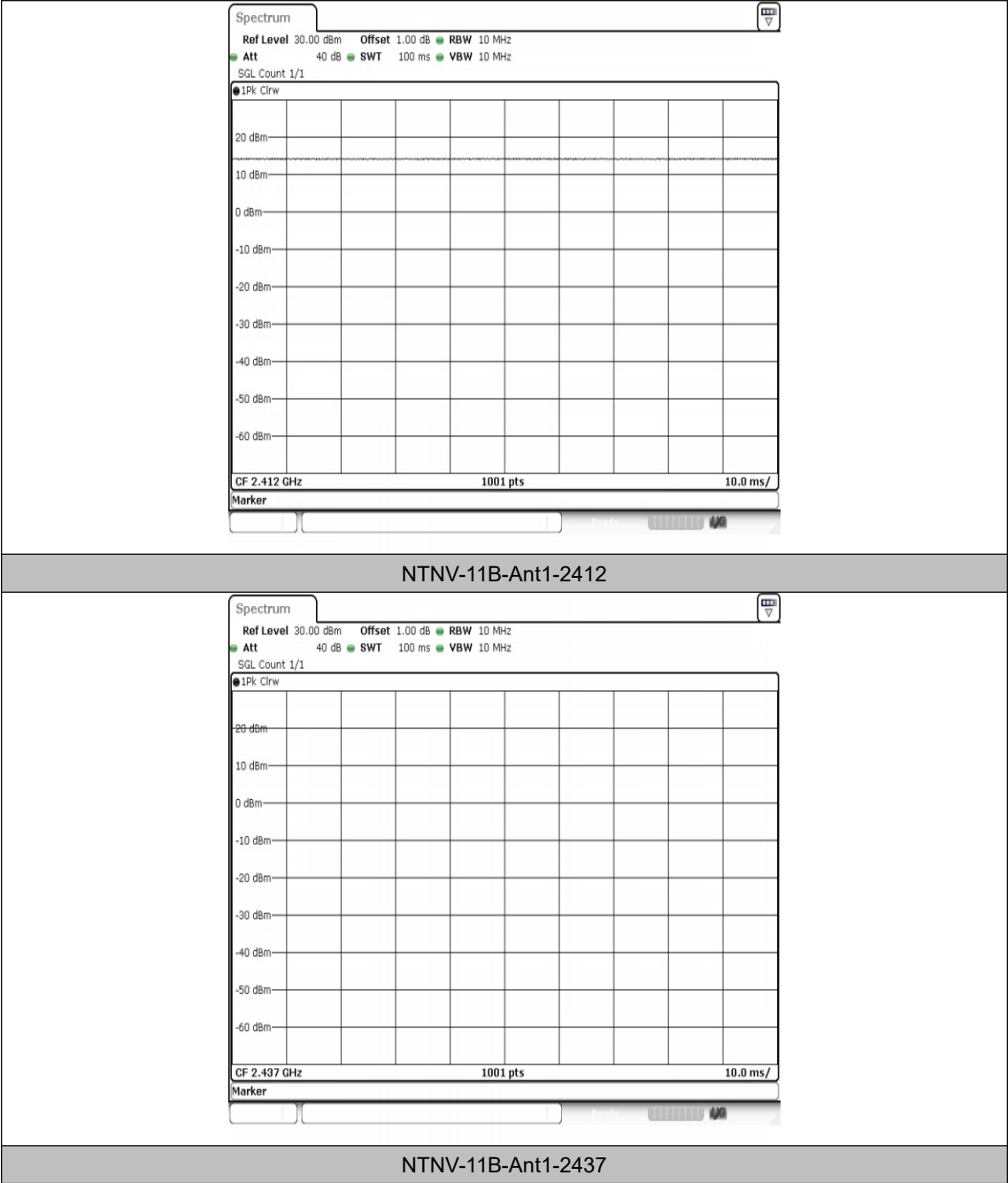
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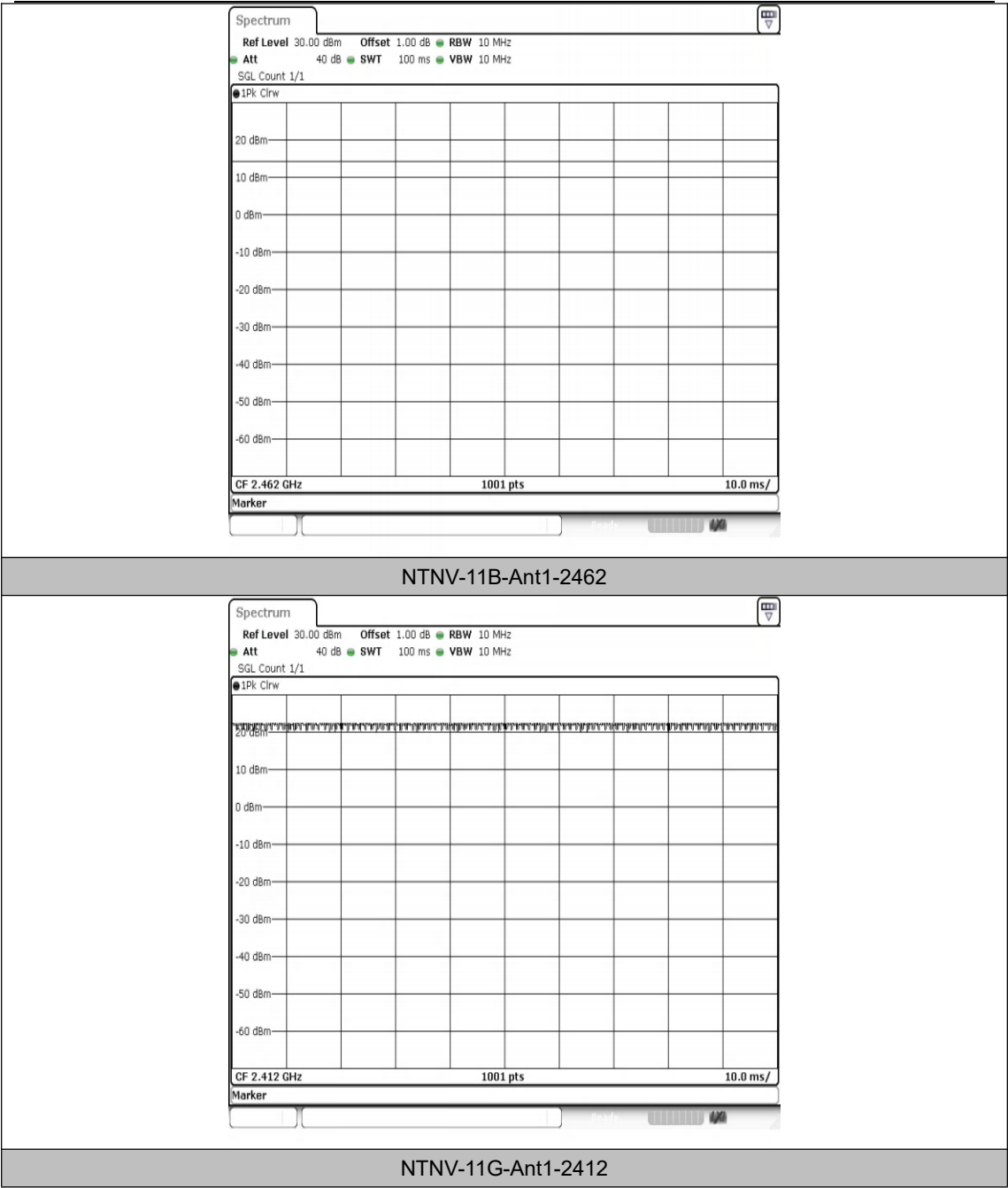
Appendix G: Duty Cycle

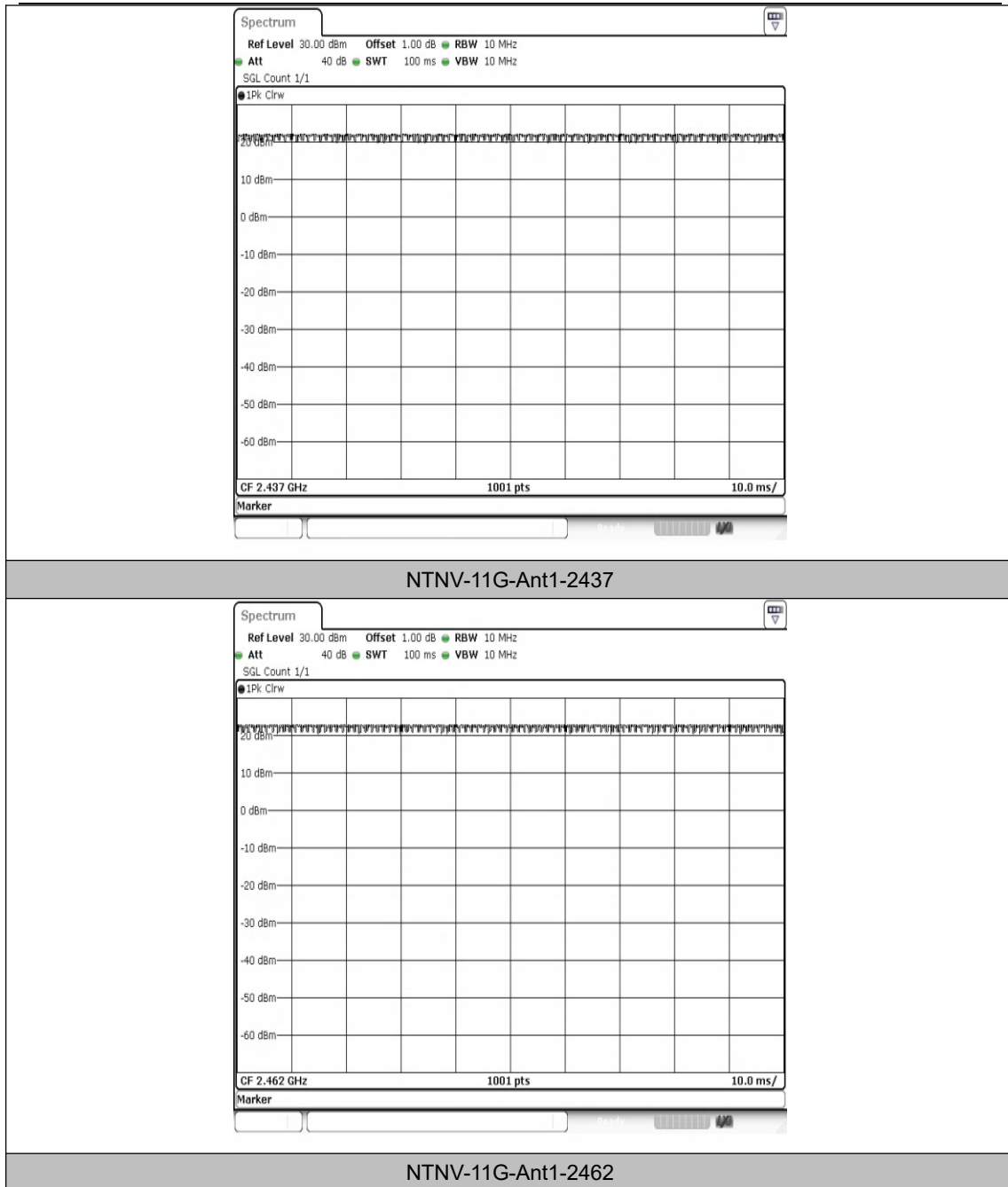
Test Result

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
11N40SISO	Ant1	2422	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2452	100.00	100.00	100.00	0.00

Test Graphs



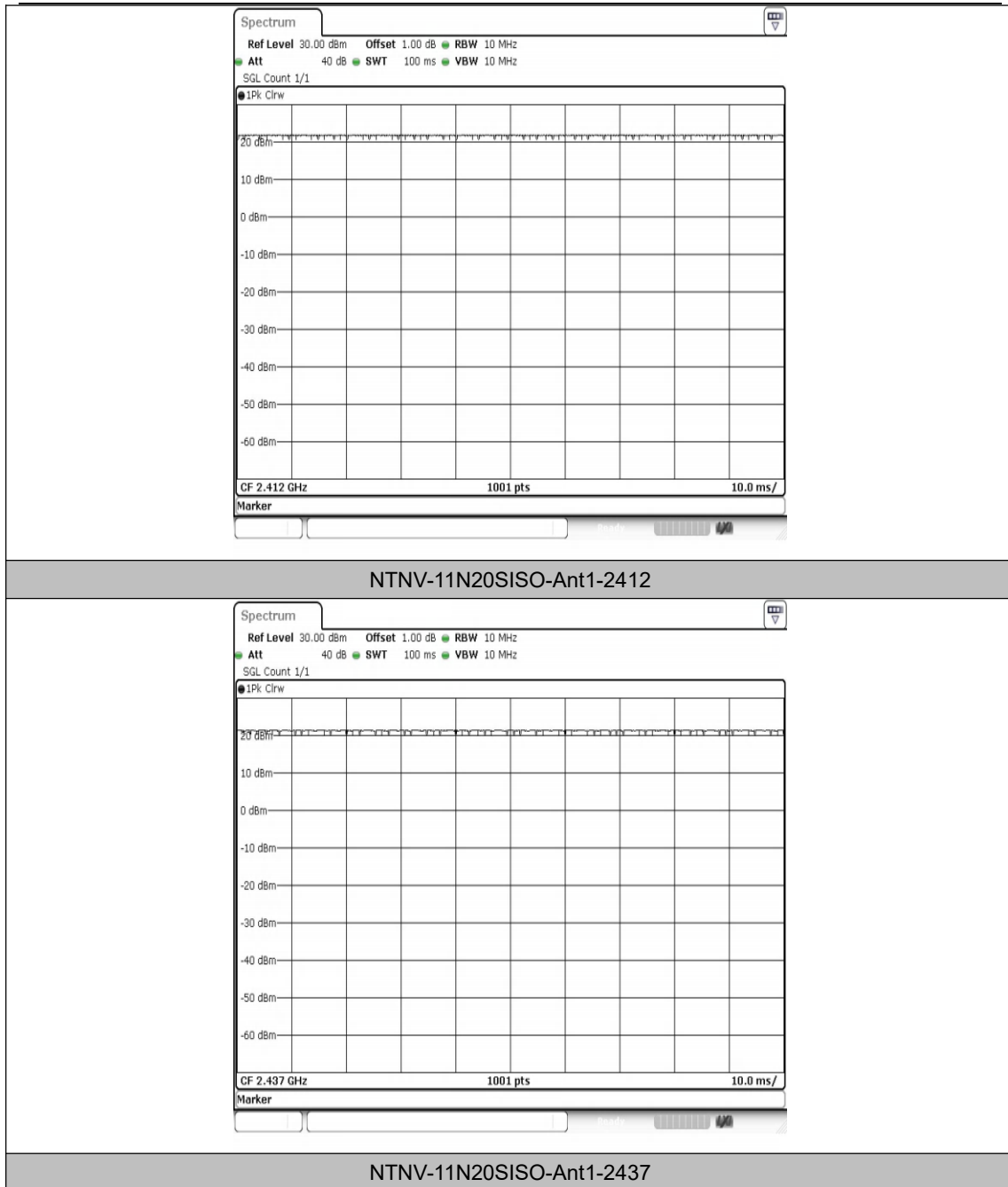




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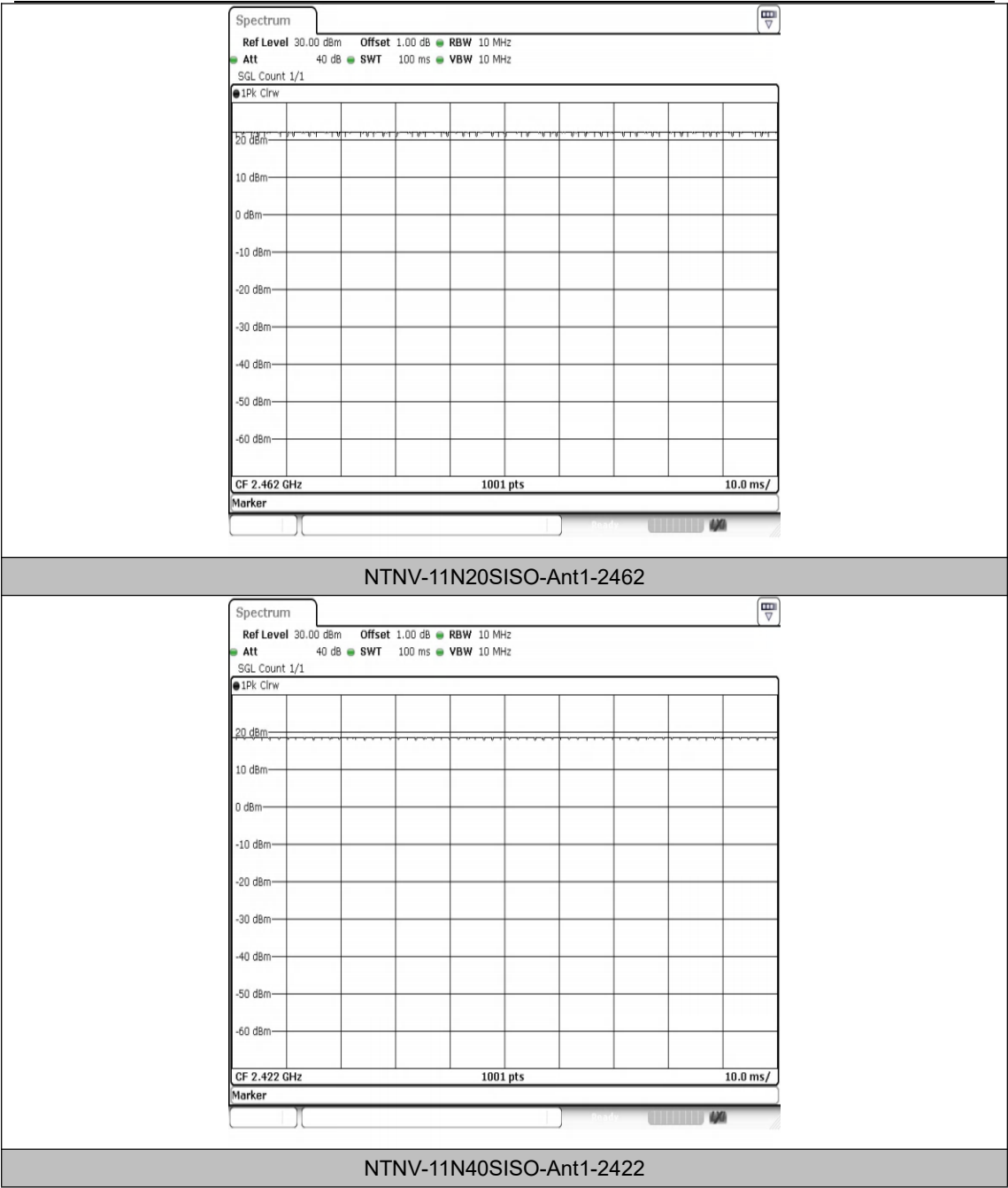
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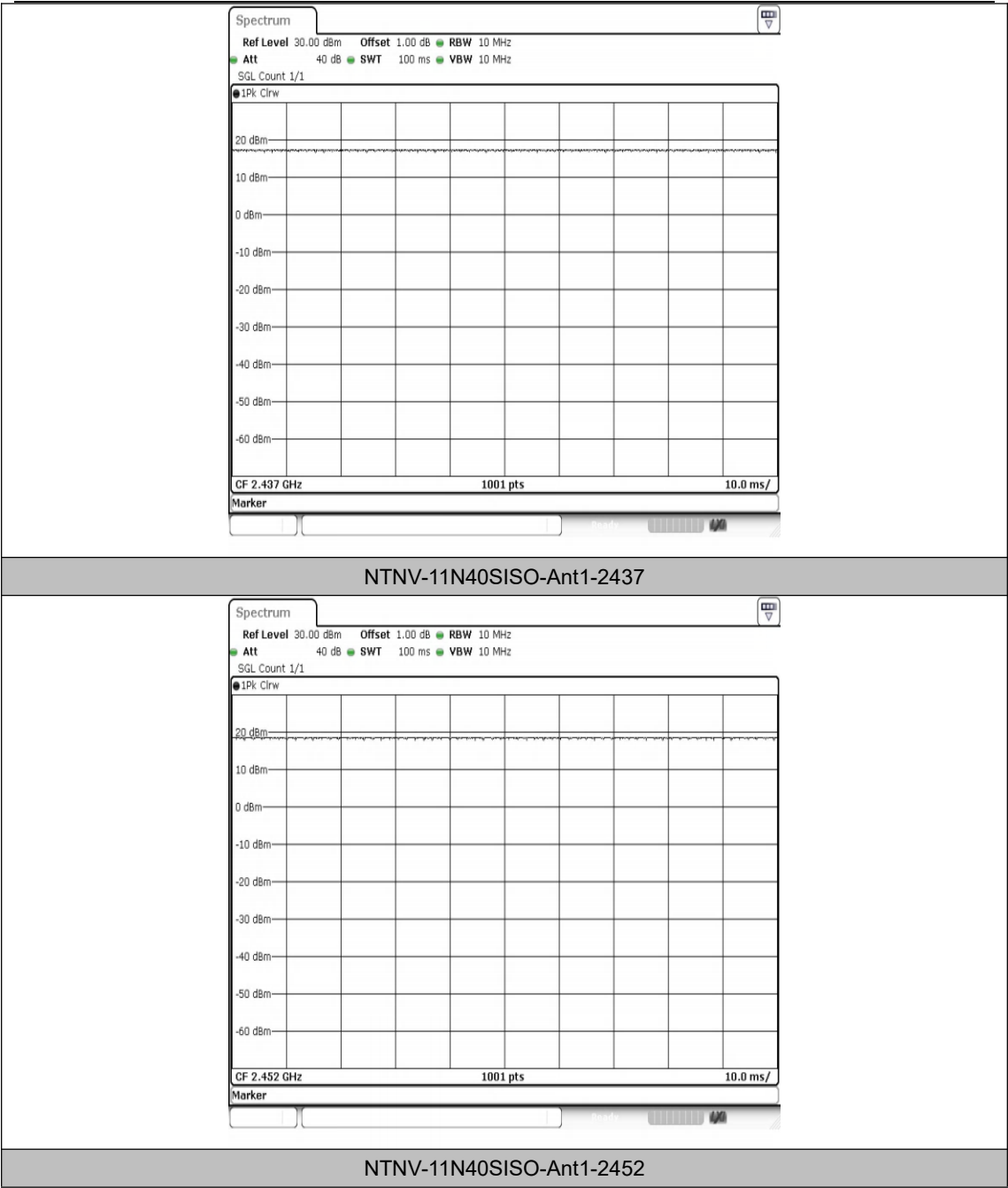
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---End---