

Appendix Test Data

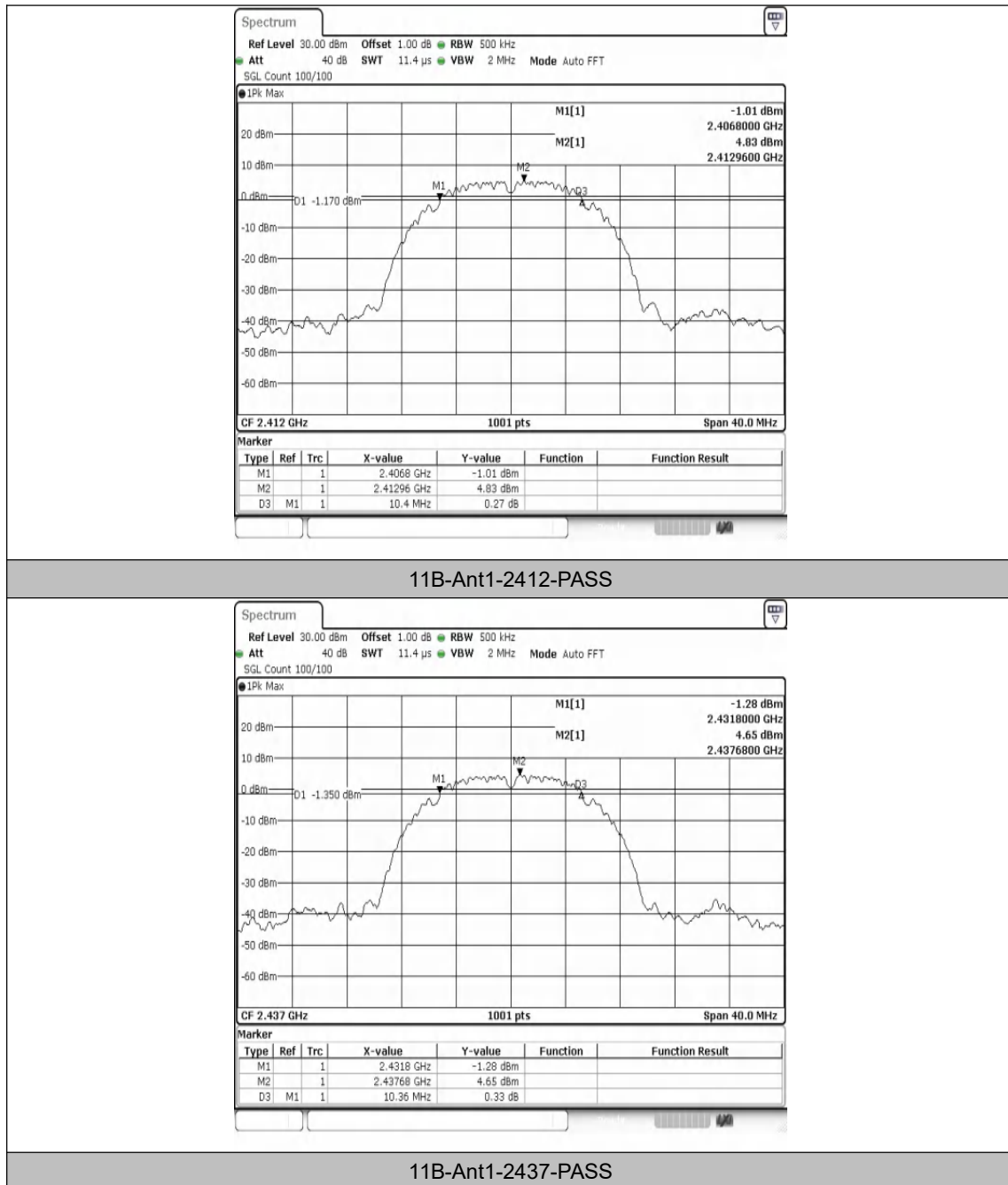
Report No.:	1812C50261712502	Test Sample No.:	1-2-2
Start Test Date:	2025-5-28	Finish Test Date:	2025-6-6
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	25.1°C	Relative Humidity:	55%
Pressure:	101kPa		

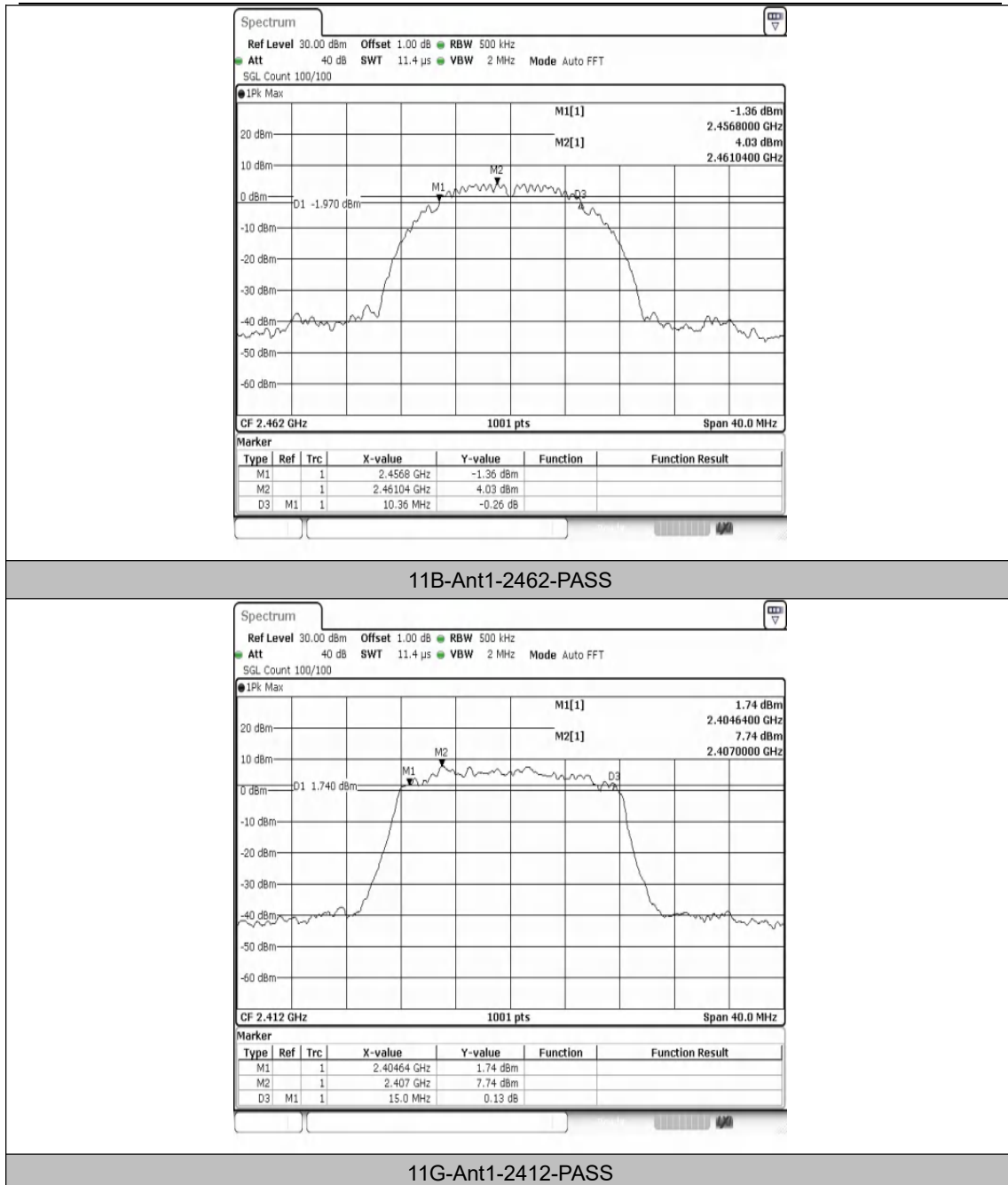
Appendix A: 6dB Bandwidth

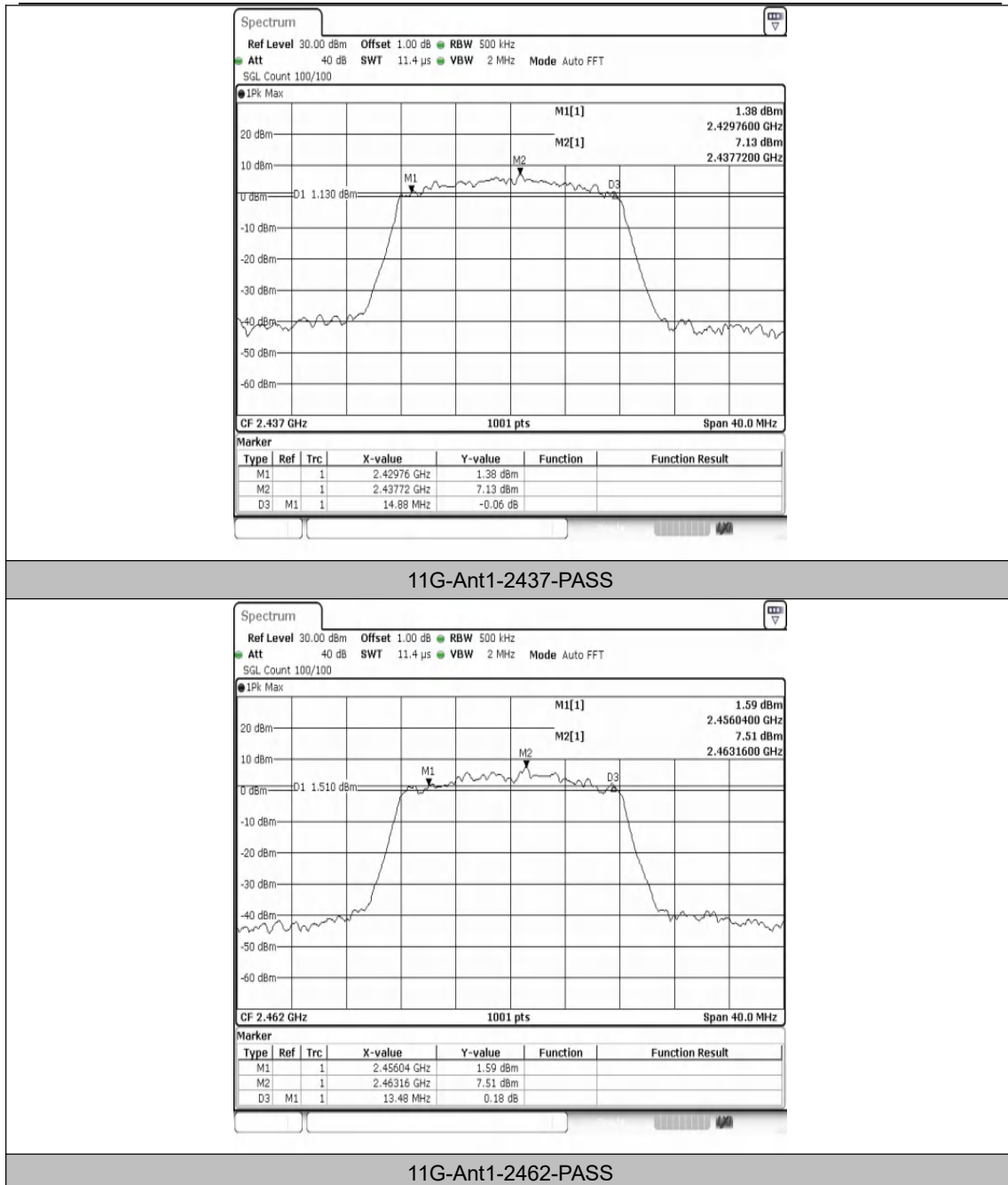
Test Result

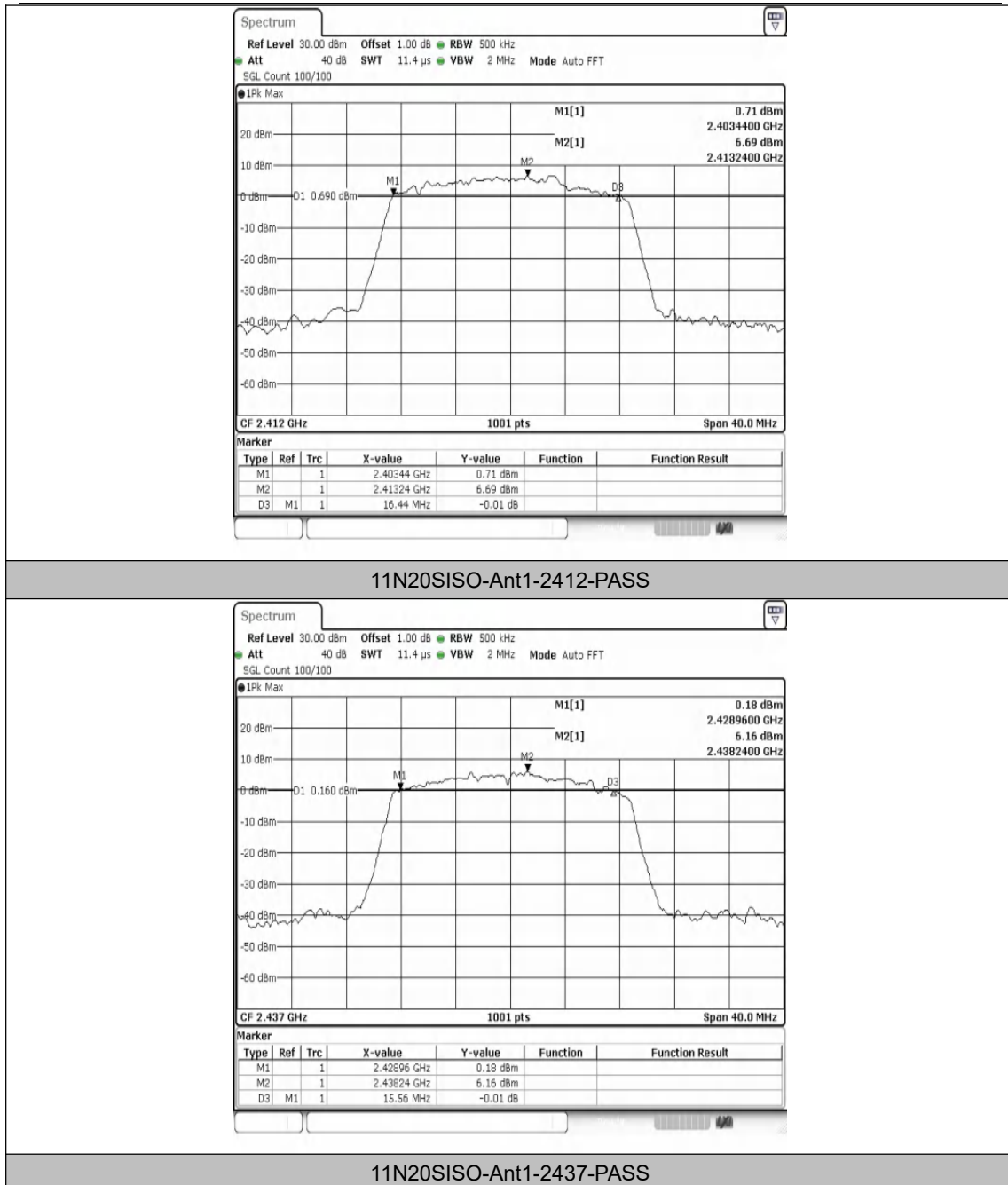
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.40	2406.80	2417.20	0.5	PASS
11B	Ant1	2437	10.36	2431.80	2442.16	0.5	PASS
11B	Ant1	2462	10.36	2456.80	2467.16	0.5	PASS
11G	Ant1	2412	15.00	2404.64	2419.64	0.5	PASS
11G	Ant1	2437	14.88	2429.76	2444.64	0.5	PASS
11G	Ant1	2462	13.48	2456.04	2469.52	0.5	PASS
11N20SISO	Ant1	2412	16.44	2403.44	2419.88	0.5	PASS
11N20SISO	Ant1	2437	15.56	2428.96	2444.52	0.5	PASS
11N20SISO	Ant1	2462	16.04	2454.40	2470.44	0.5	PASS
11N40SISO	Ant1	2422	30.64	2404.00	2434.64	0.5	PASS
11N40SISO	Ant1	2437	35.12	2419.40	2454.52	0.5	PASS
11N40SISO	Ant1	2452	33.76	2435.52	2469.28	0.5	PASS

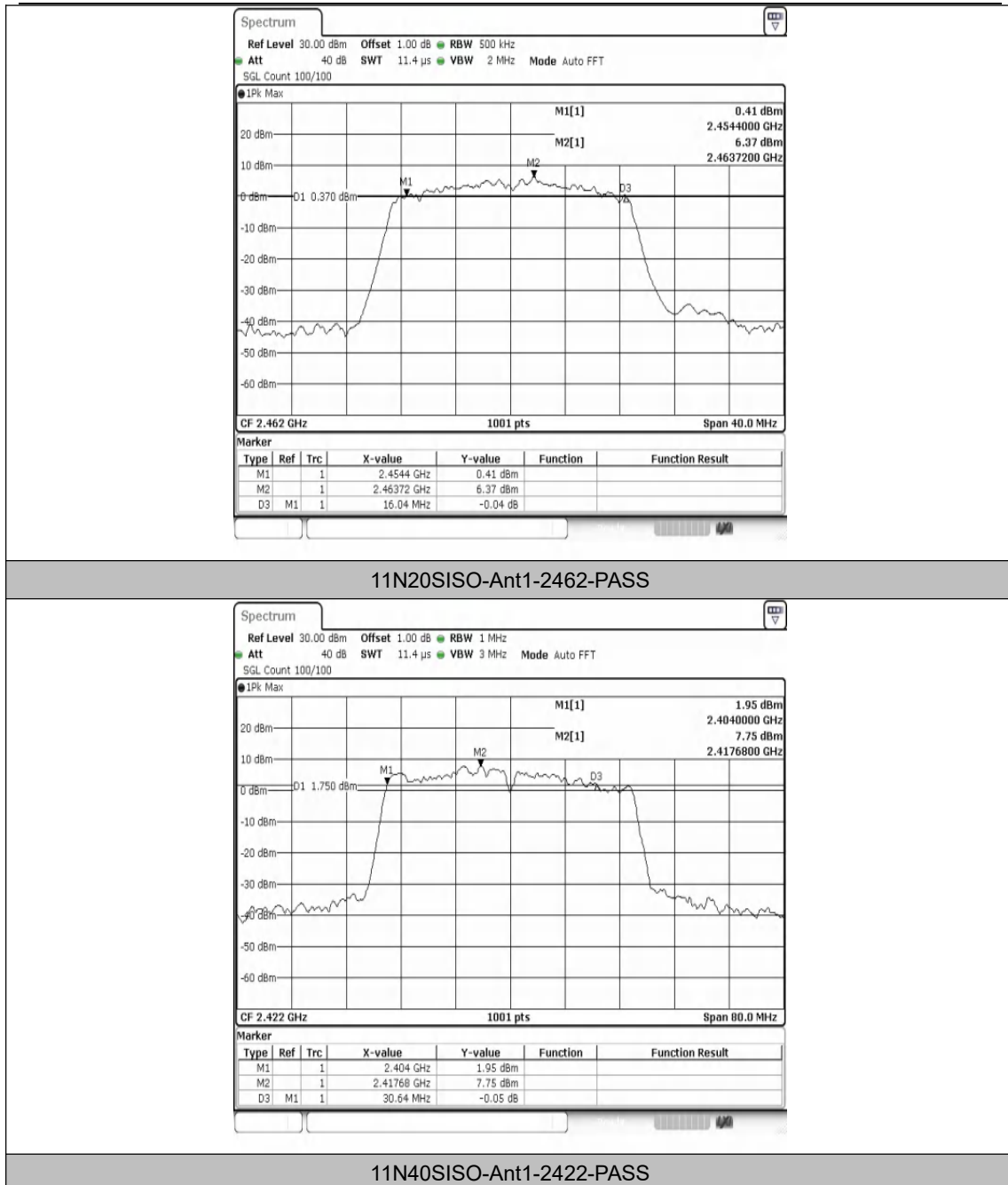
Test Graphs

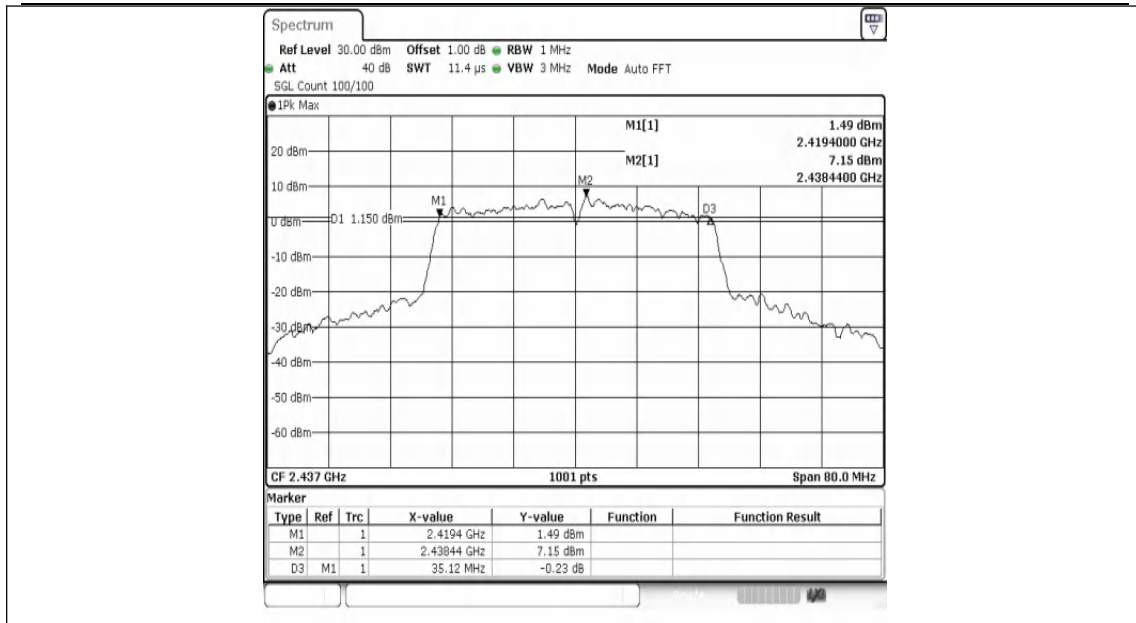




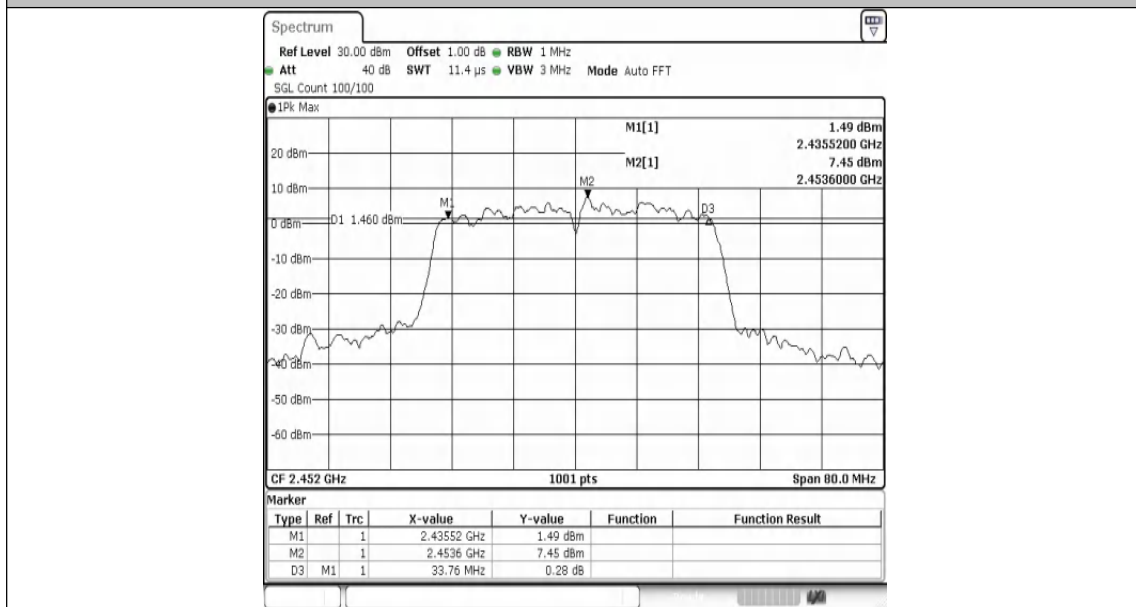








11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

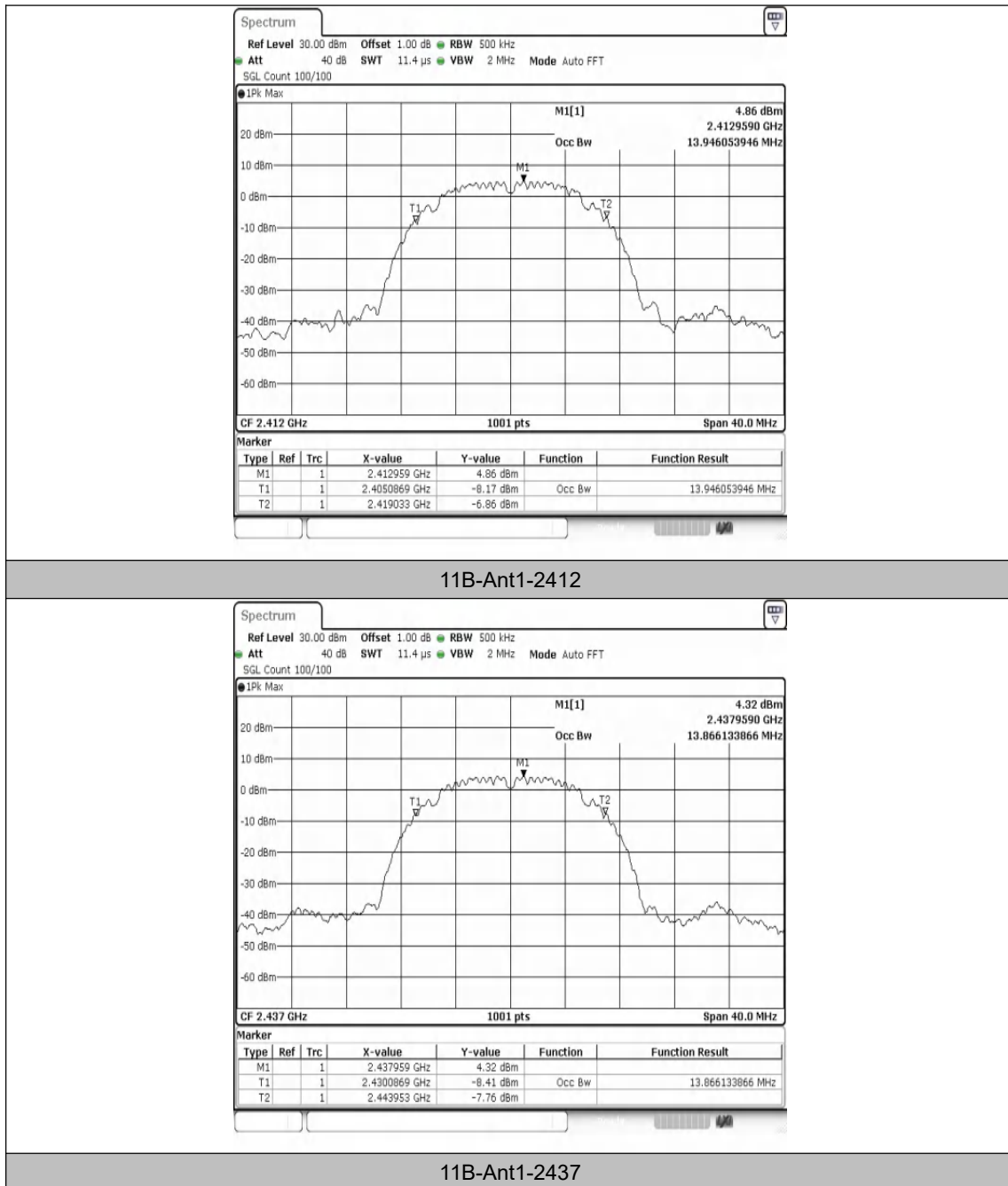
Appendix B: 99% Occupied Bandwidth

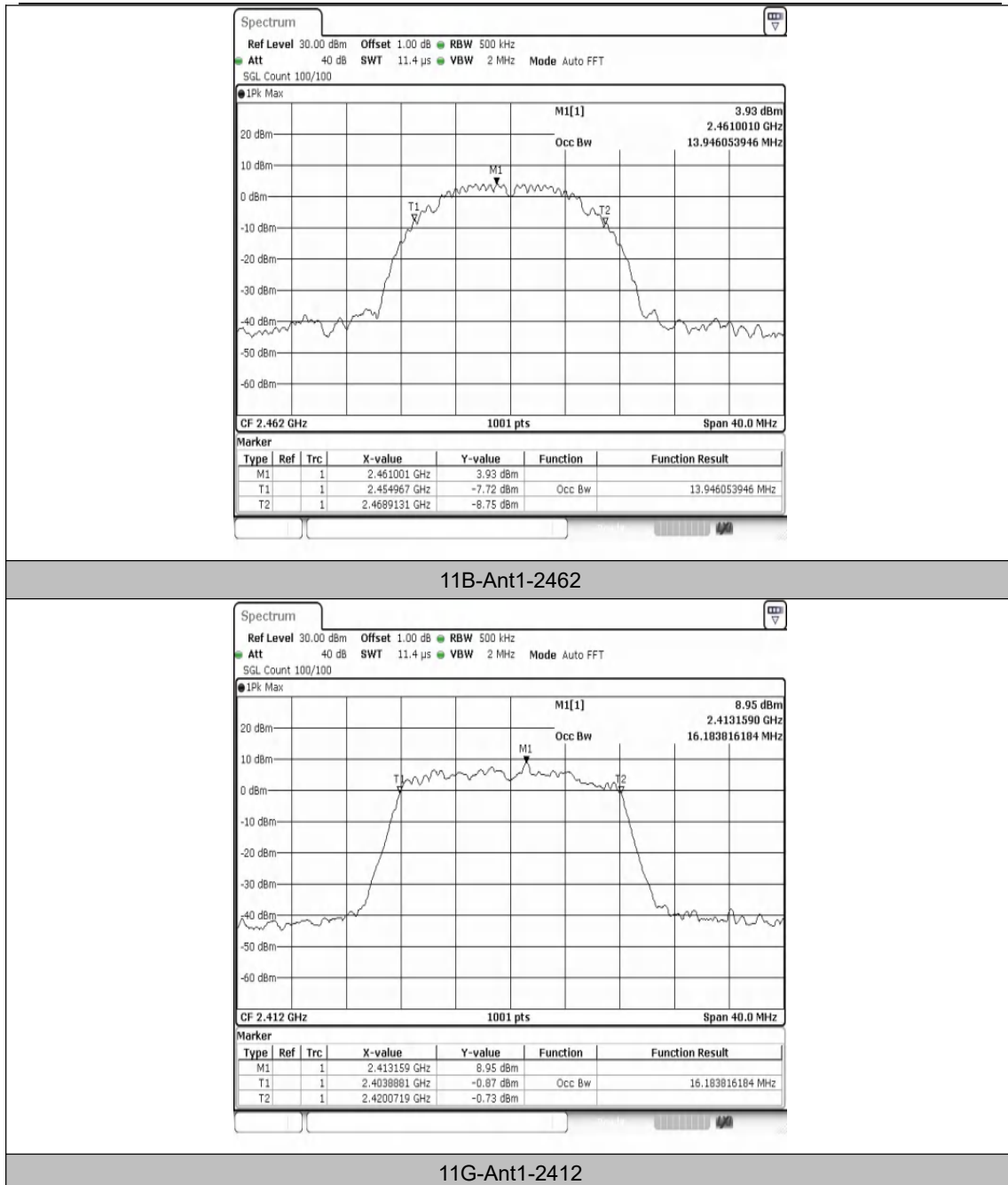
Test Result

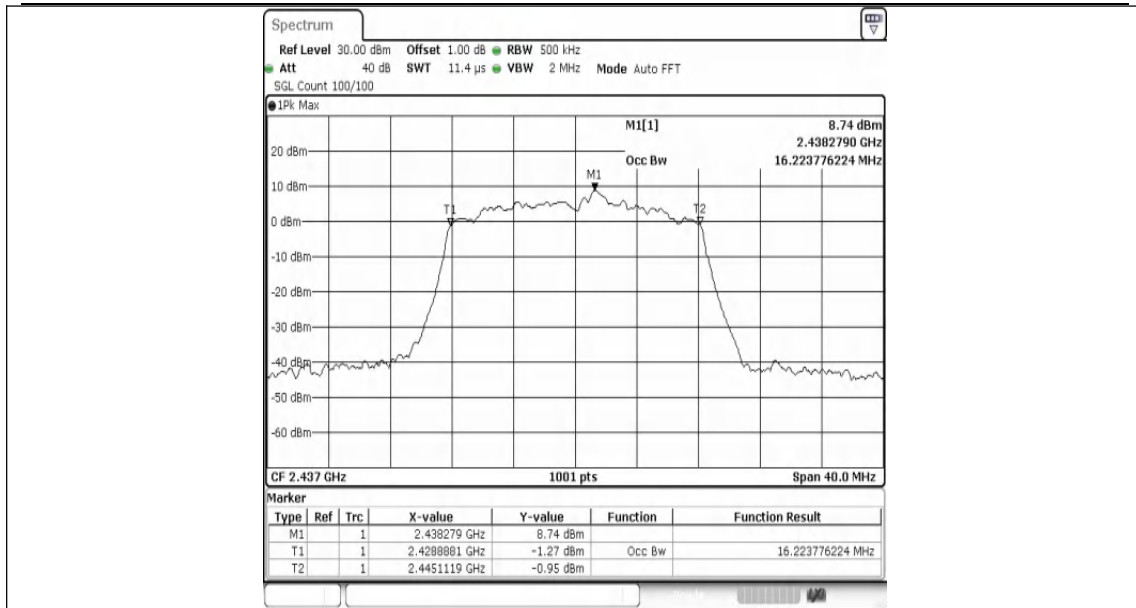
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.946	2405.0869	2419.0330	---	---
11B	Ant1	2437	13.866	2430.0869	2443.9530	---	---
11B	Ant1	2462	13.946	2454.9670	2468.9131	---	---
11G	Ant1	2412	16.184	2403.8881	2420.0719	---	---
11G	Ant1	2437	16.224	2428.8881	2445.1119	---	---
11G	Ant1	2462	16.264	2453.9281	2470.1918	---	---
11N20SISO	Ant1	2412	17.383	2403.2088	2420.5914	---	---
11N20SISO	Ant1	2437	17.223	2428.3686	2445.5914	---	---
11N20SISO	Ant1	2462	17.383	2453.3686	2470.7512	---	---
11N40SISO	Ant1	2422	35.884	2403.8581	2439.7423	---	---
11N40SISO	Ant1	2437	35.964	2419.0180	2454.9820	---	---
11N40SISO	Ant1	2452	35.964	2434.0979	2470.0619	---	---



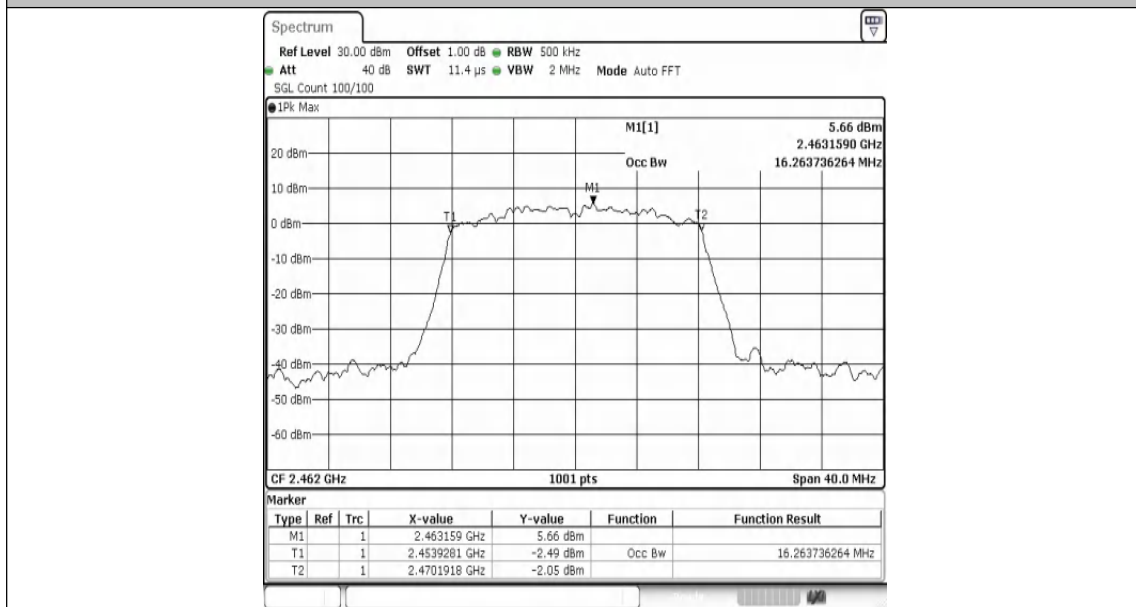
Test Graphs



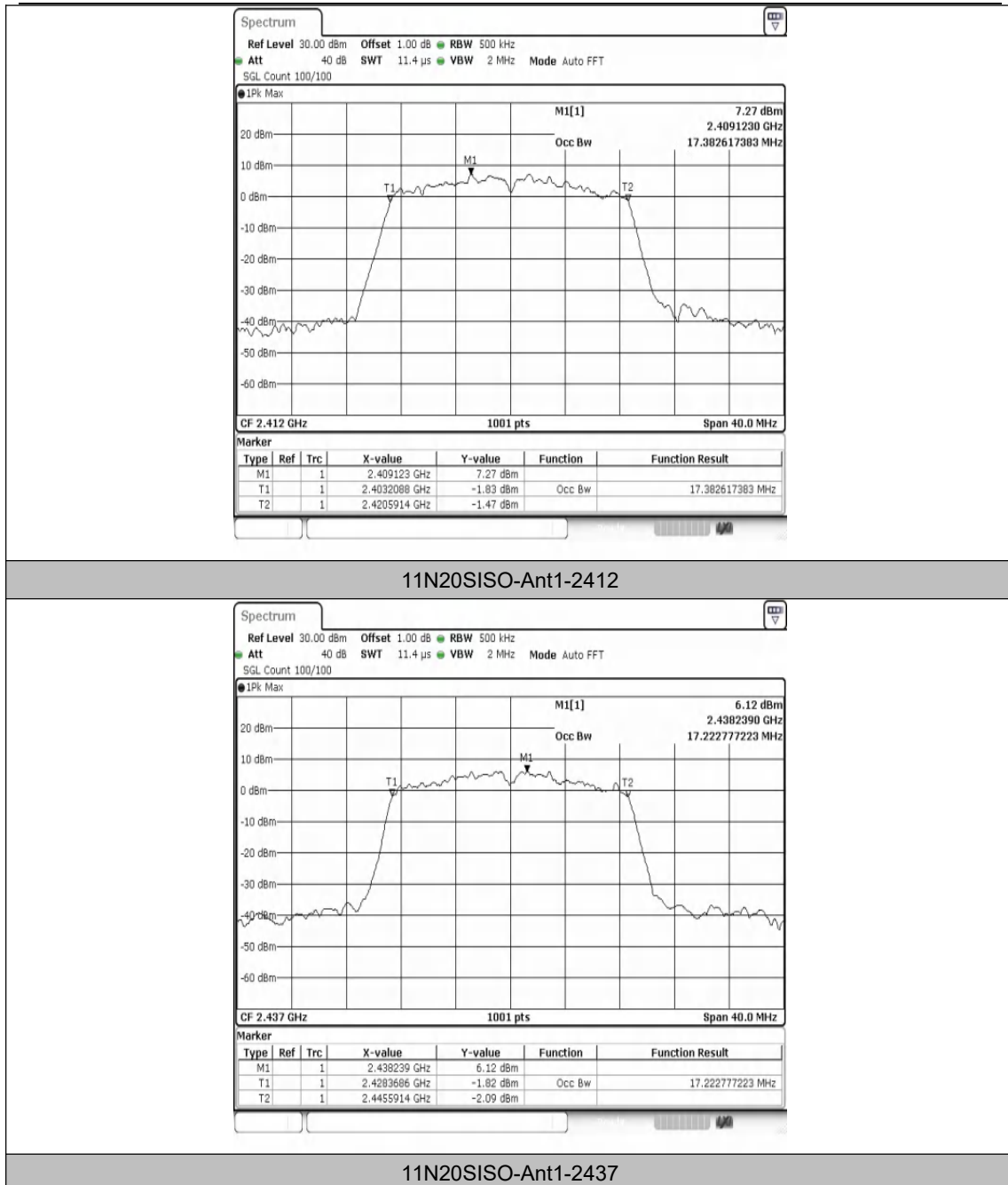


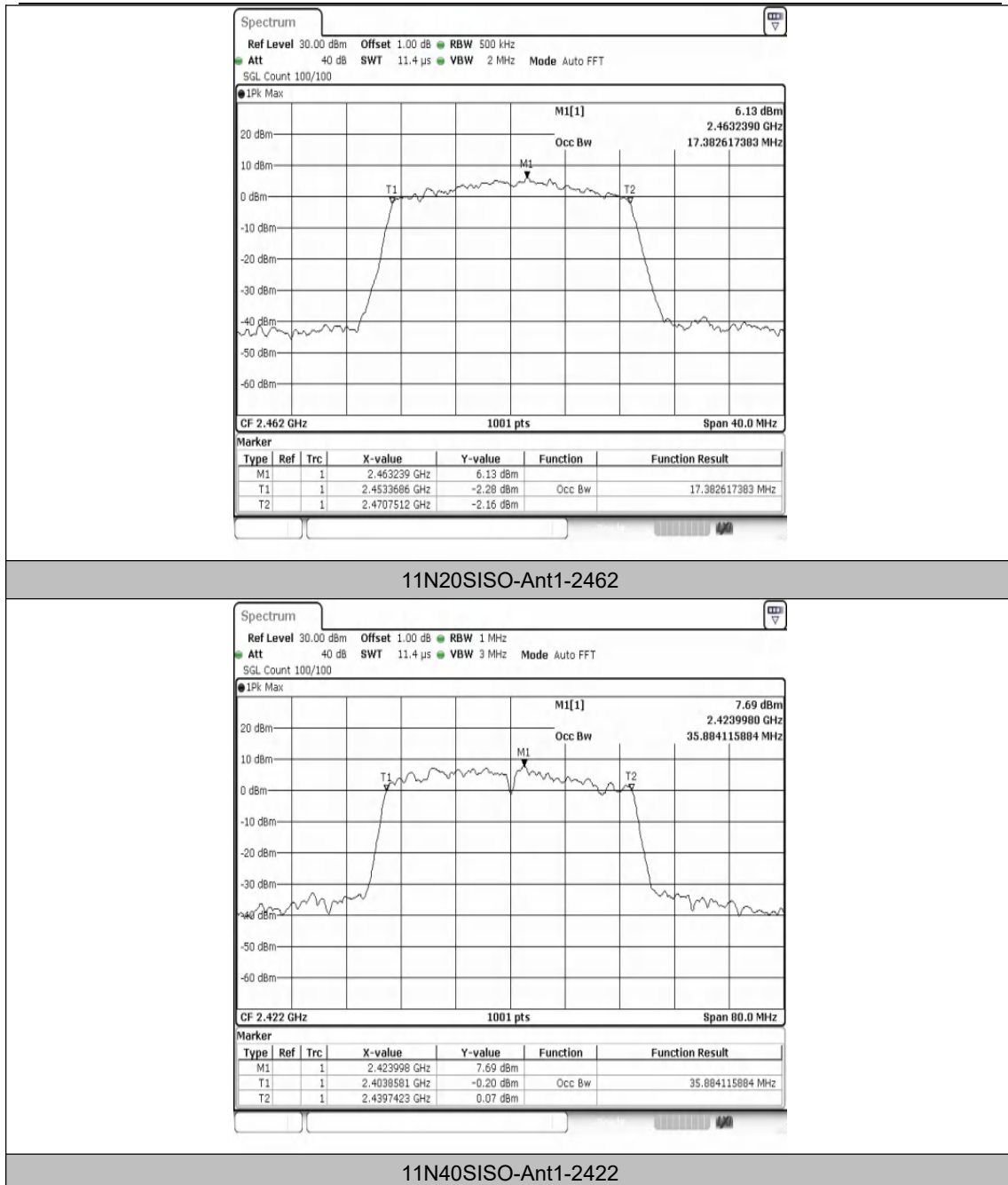


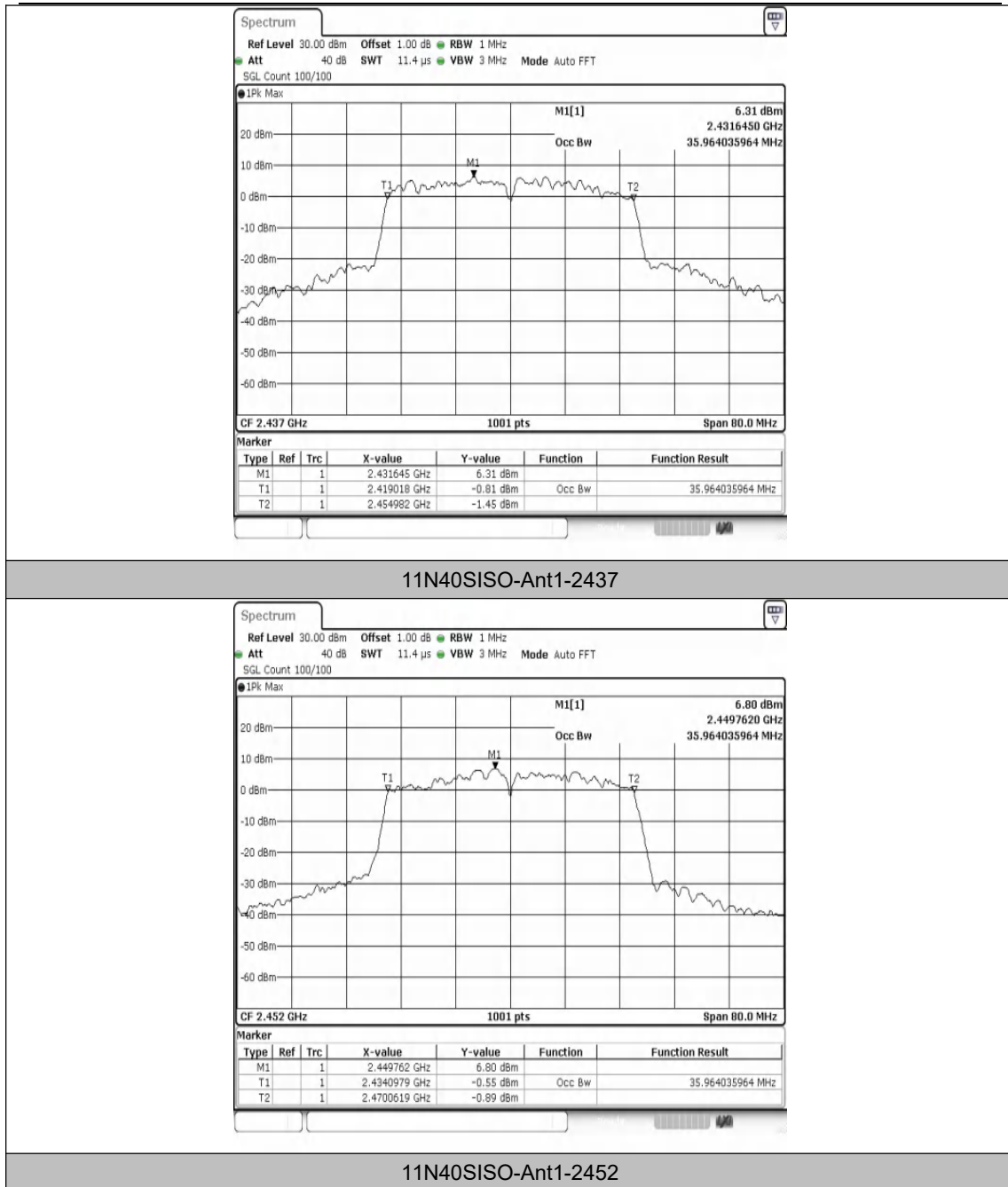
11G-Ant1-2437



11G-Ant1-2462







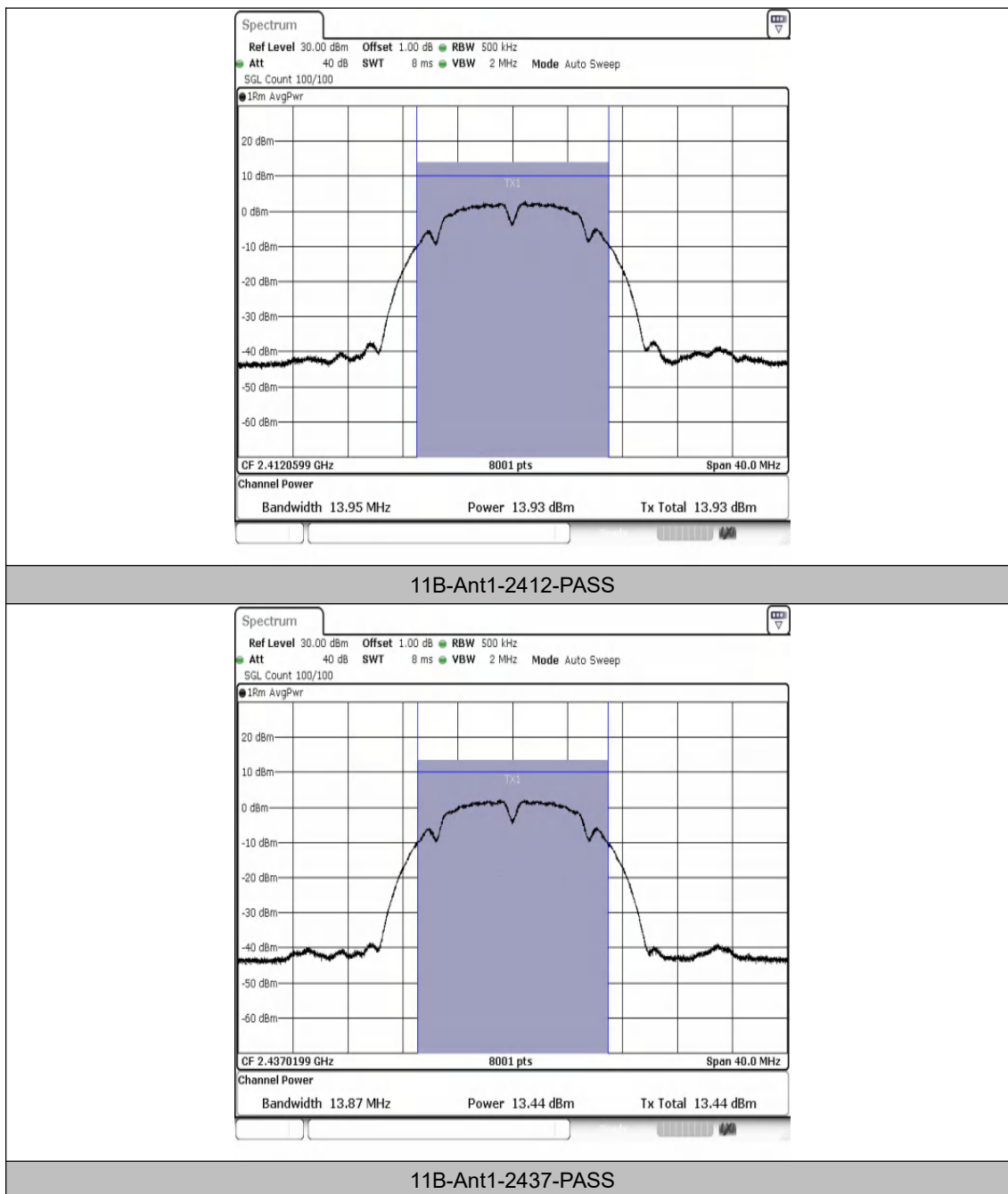
Appendix C: Maximum conducted output power

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	13.93	100.00	0.00	13.93	≤30.00	PASS
11B	Ant1	2437	NA	13.44	100.00	0.00	13.44	≤30.00	PASS
11B	Ant1	2462	NA	12.92	100.00	0.00	12.92	≤30.00	PASS
11G	Ant1	2412	NA	13.76	100.00	0.00	13.76	≤30.00	PASS
11G	Ant1	2437	NA	13.00	100.00	0.00	13.00	≤30.00	PASS
11G	Ant1	2462	NA	12.50	100.00	0.00	12.50	≤30.00	PASS
11N20SISO	Ant1	2412	NA	13.59	100.00	0.00	13.59	≤30.00	PASS
11N20SISO	Ant1	2437	NA	12.71	100.00	0.00	12.71	≤30.00	PASS
11N20SISO	Ant1	2462	NA	12.39	100.00	0.00	12.39	≤30.00	PASS
11N40SISO	Ant1	2422	NA	13.42	100.00	0.00	13.42	≤30.00	PASS
11N40SISO	Ant1	2437	NA	12.84	100.00	0.00	12.84	≤30.00	PASS
11N40SISO	Ant1	2452	NA	12.42	100.00	0.00	12.42	≤30.00	PASS

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

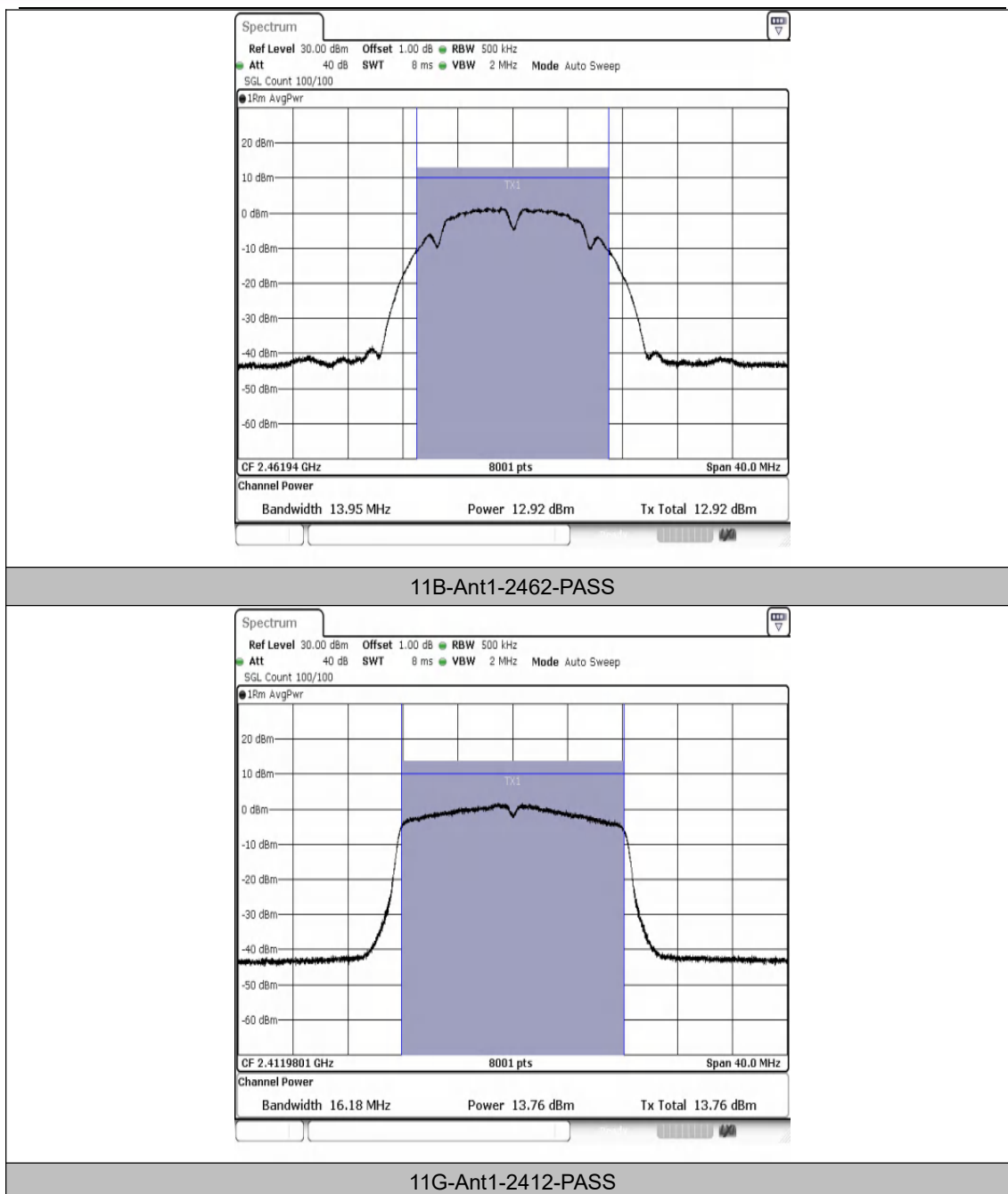
Test Graphs Average



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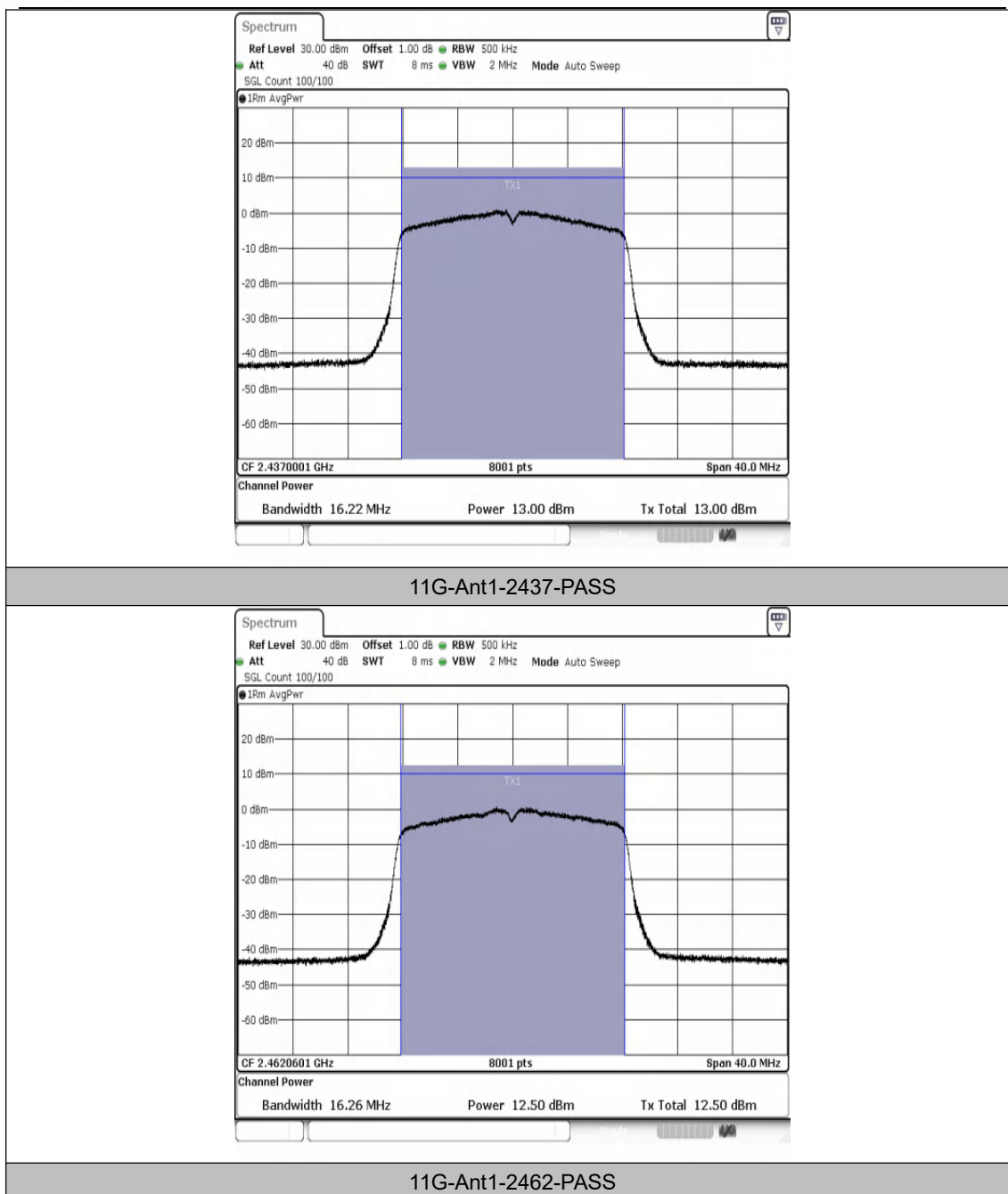
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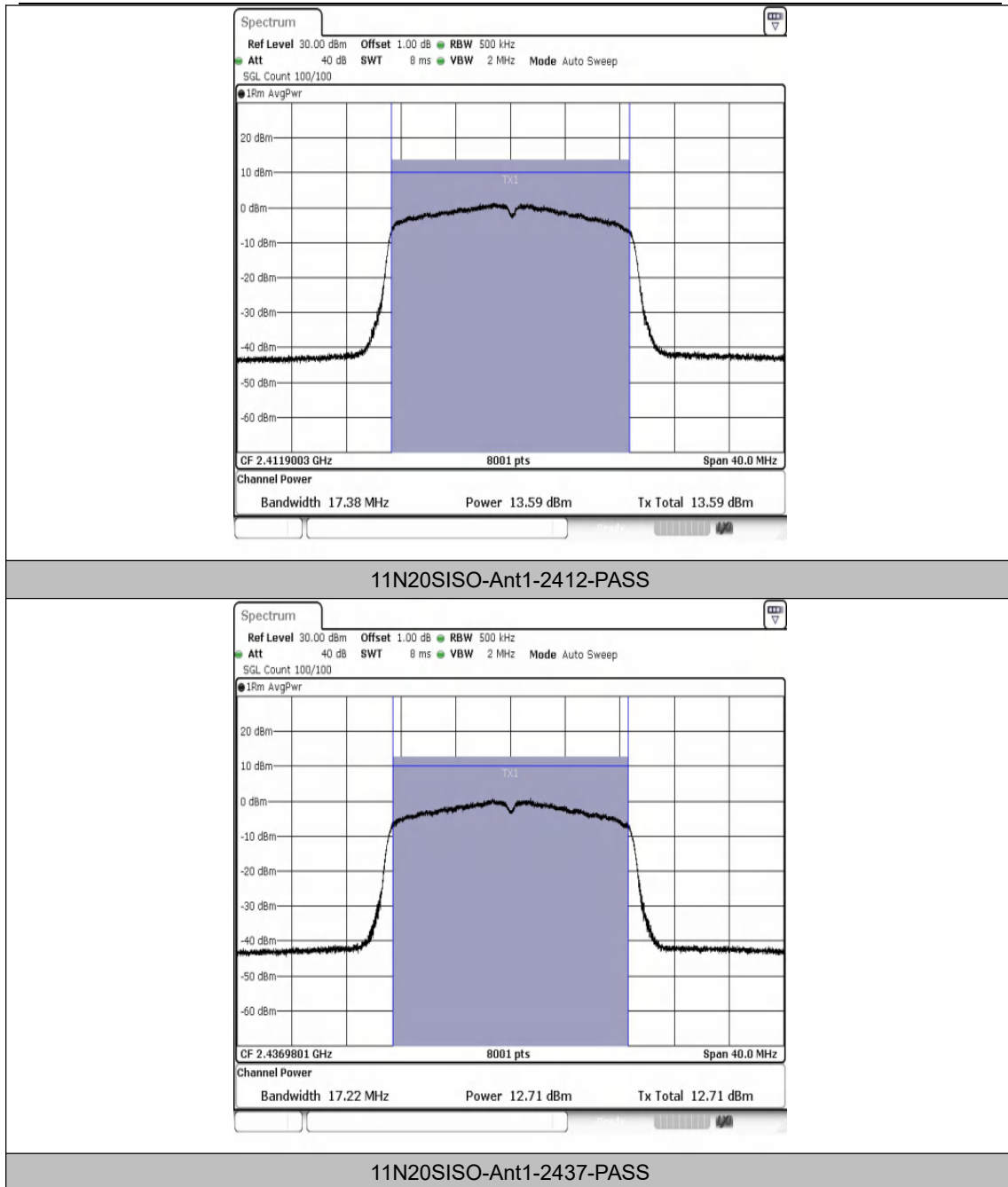
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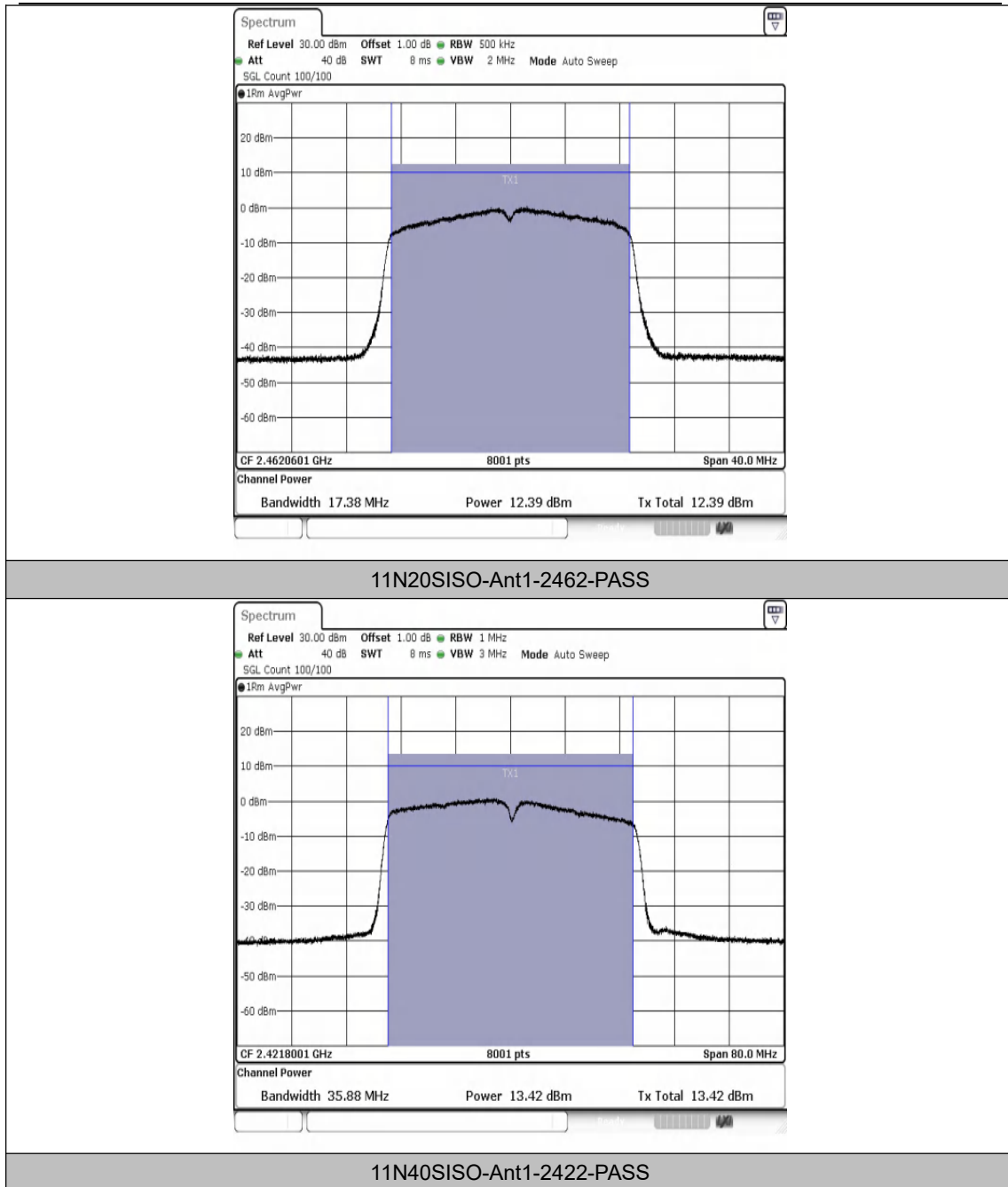
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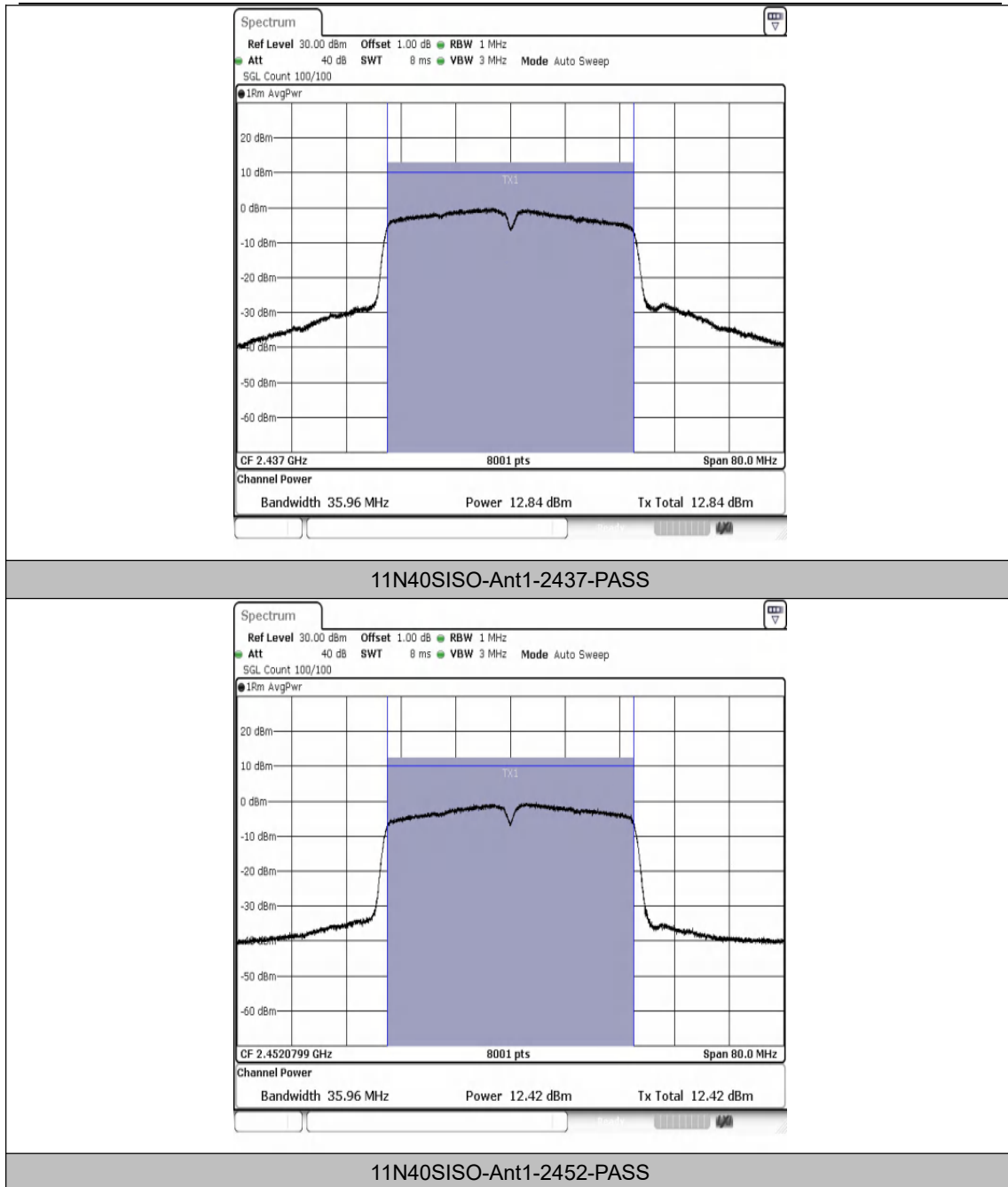
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Appendix D: Maximum power spectral density

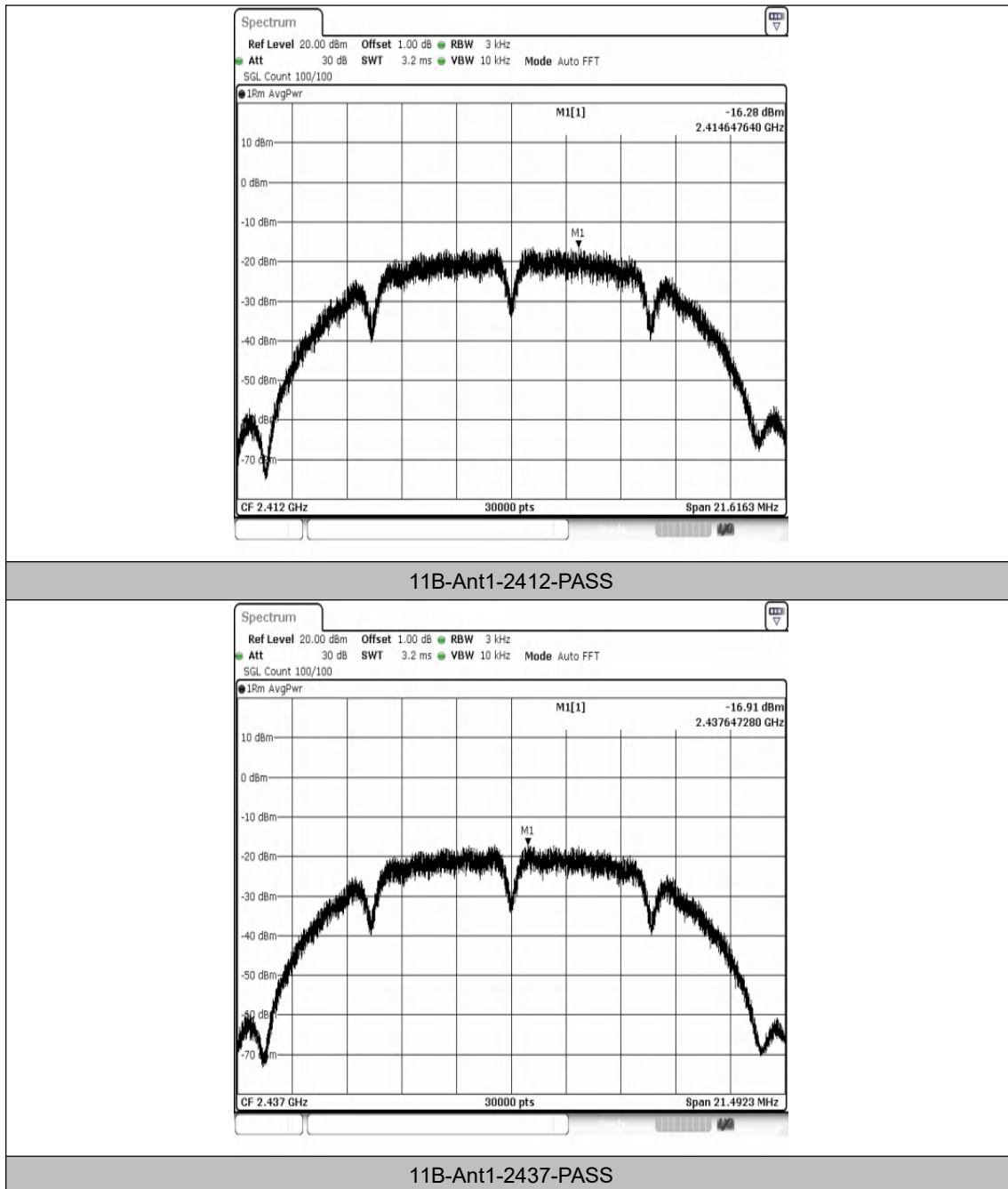
Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-16.28	0.00	-16.28	≤8.00	PASS
11B	Ant1	2437	-16.91	0.00	-16.91	≤8.00	PASS
11B	Ant1	2462	-17.47	0.00	-17.47	≤8.00	PASS
11G	Ant1	2412	-14.41	0.00	-14.41	≤8.00	PASS
11G	Ant1	2437	-15.16	0.00	-15.16	≤8.00	PASS
11G	Ant1	2462	-15.39	0.00	-15.39	≤8.00	PASS
11N20SISO	Ant1	2412	-13.07	0.00	-13.07	≤8.00	PASS
11N20SISO	Ant1	2437	-14.16	0.00	-14.16	≤8.00	PASS
11N20SISO	Ant1	2462	-13.76	0.00	-13.76	≤8.00	PASS
11N40SISO	Ant1	2422	-15.93	0.00	-15.93	≤8.00	PASS
11N40SISO	Ant1	2437	-16.6	0.00	-16.60	≤8.00	PASS
11N40SISO	Ant1	2452	-17.61	0.00	-17.61	≤8.00	PASS

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



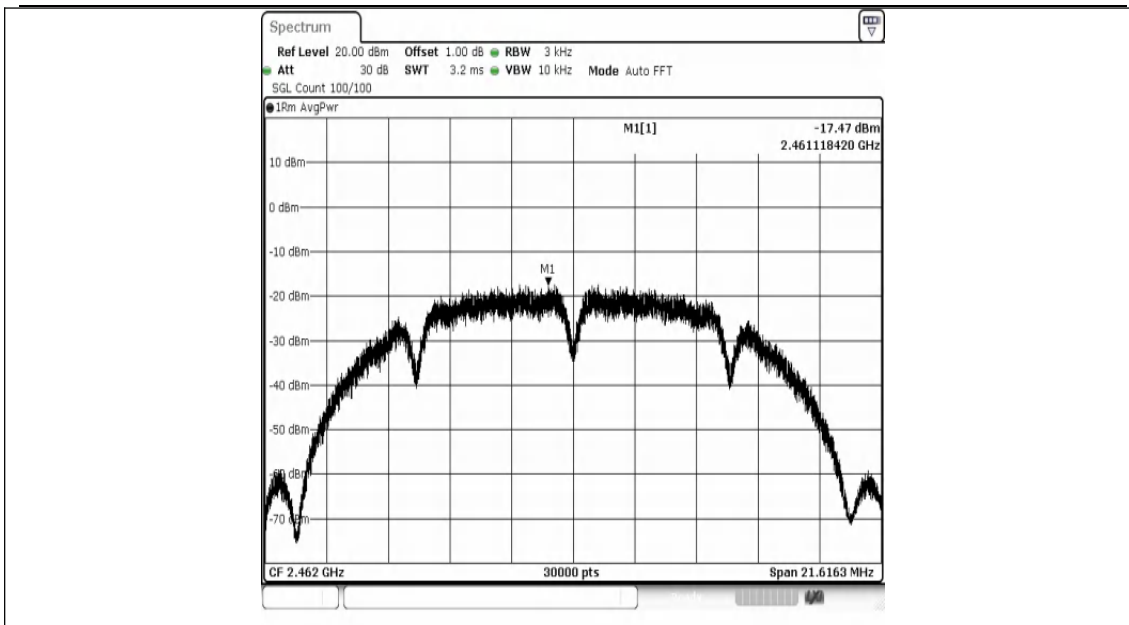
Test Graphs



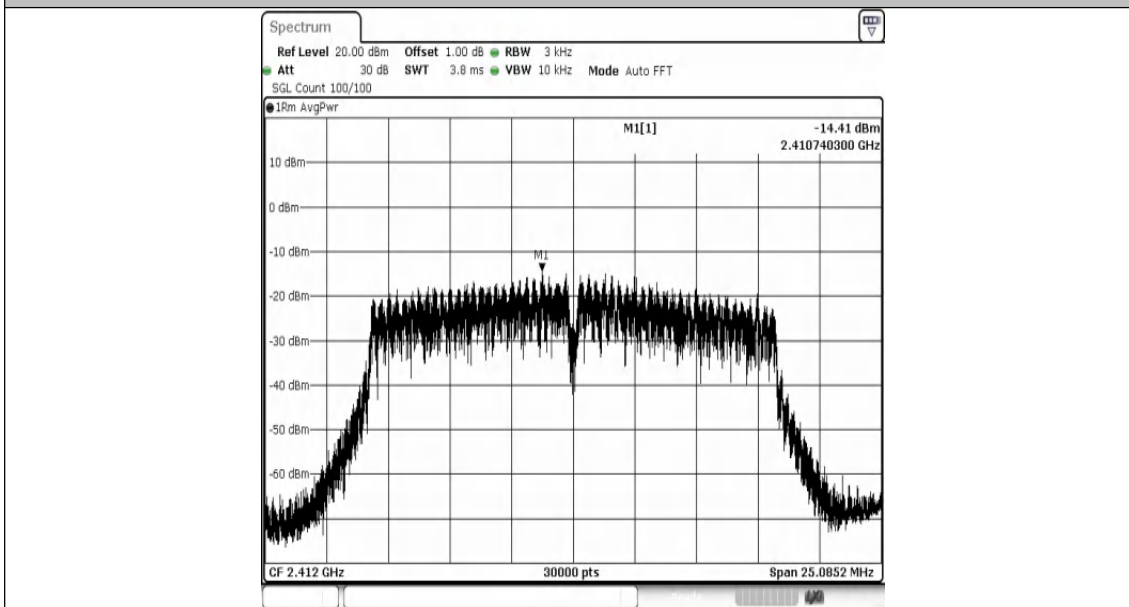
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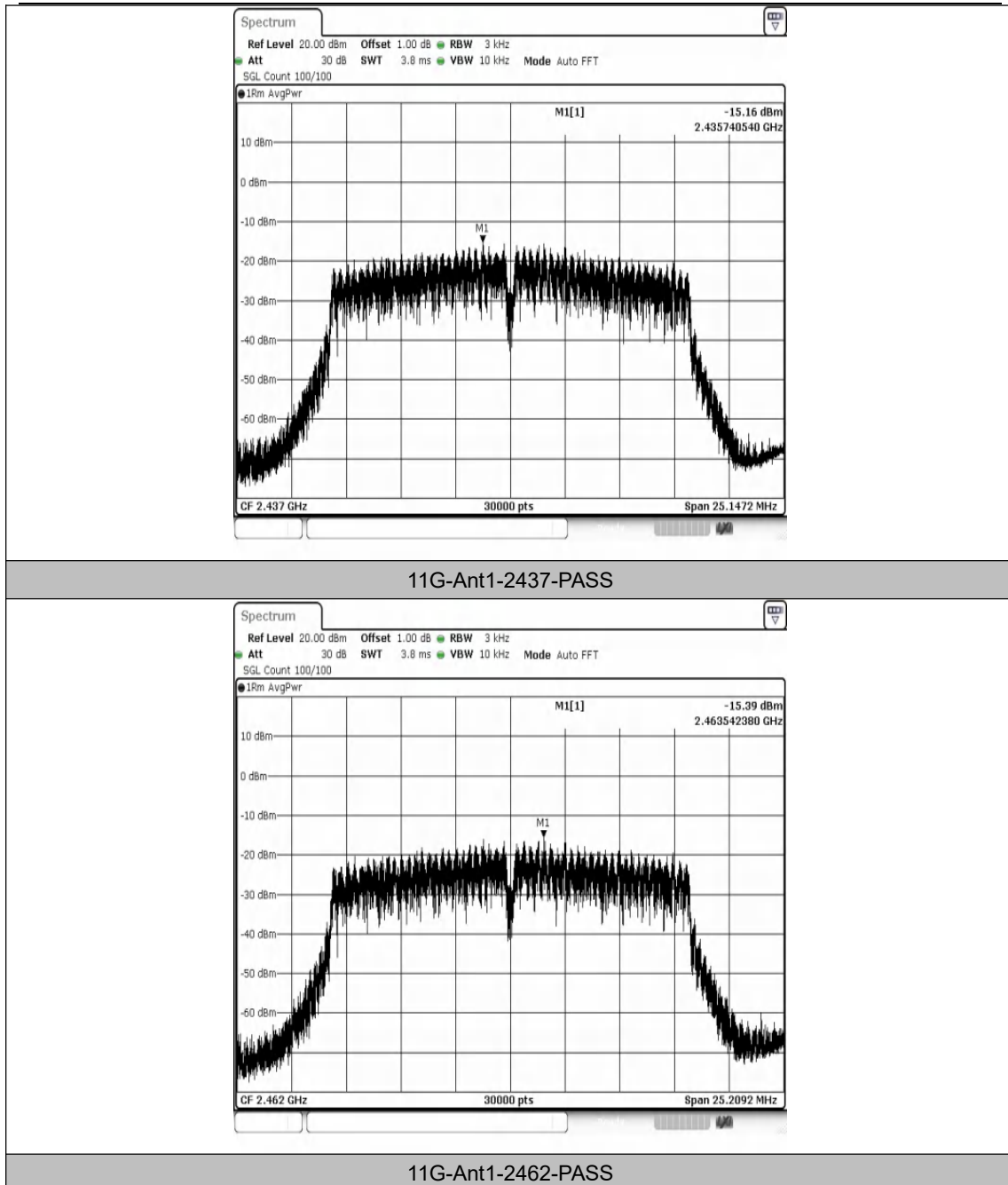
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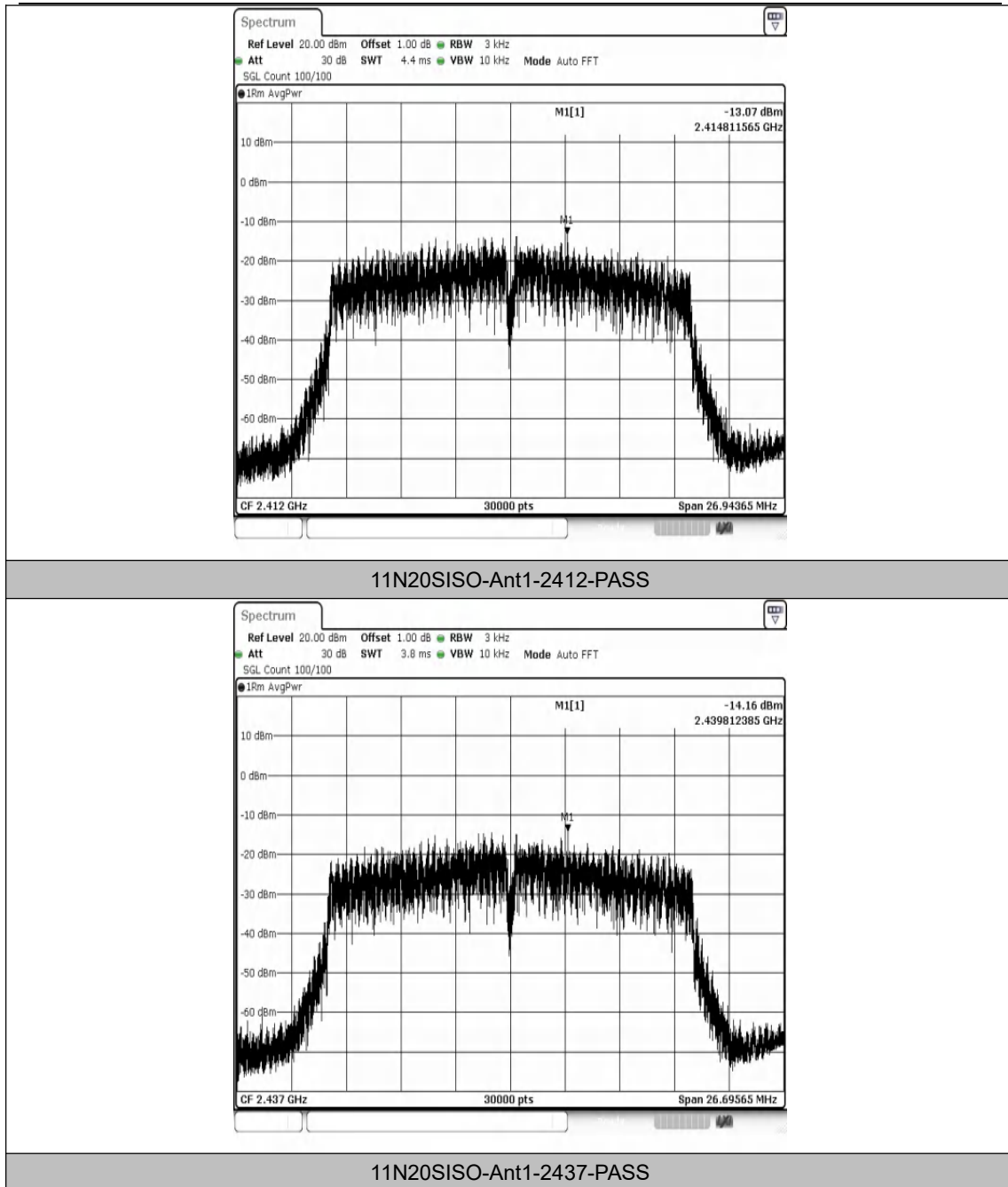


11B-Ant1-2462-PASS



11G-Ant1-2412-PASS

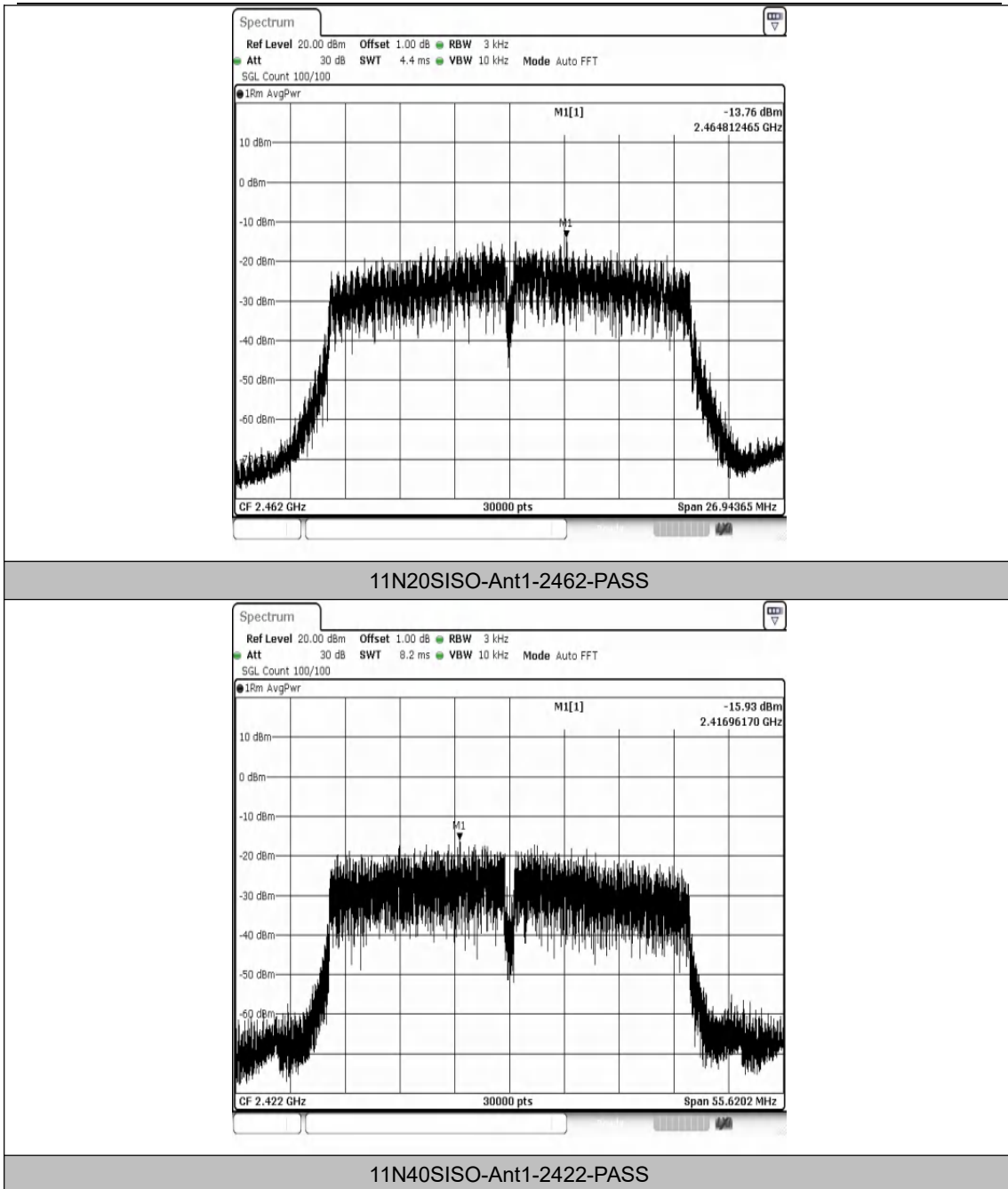




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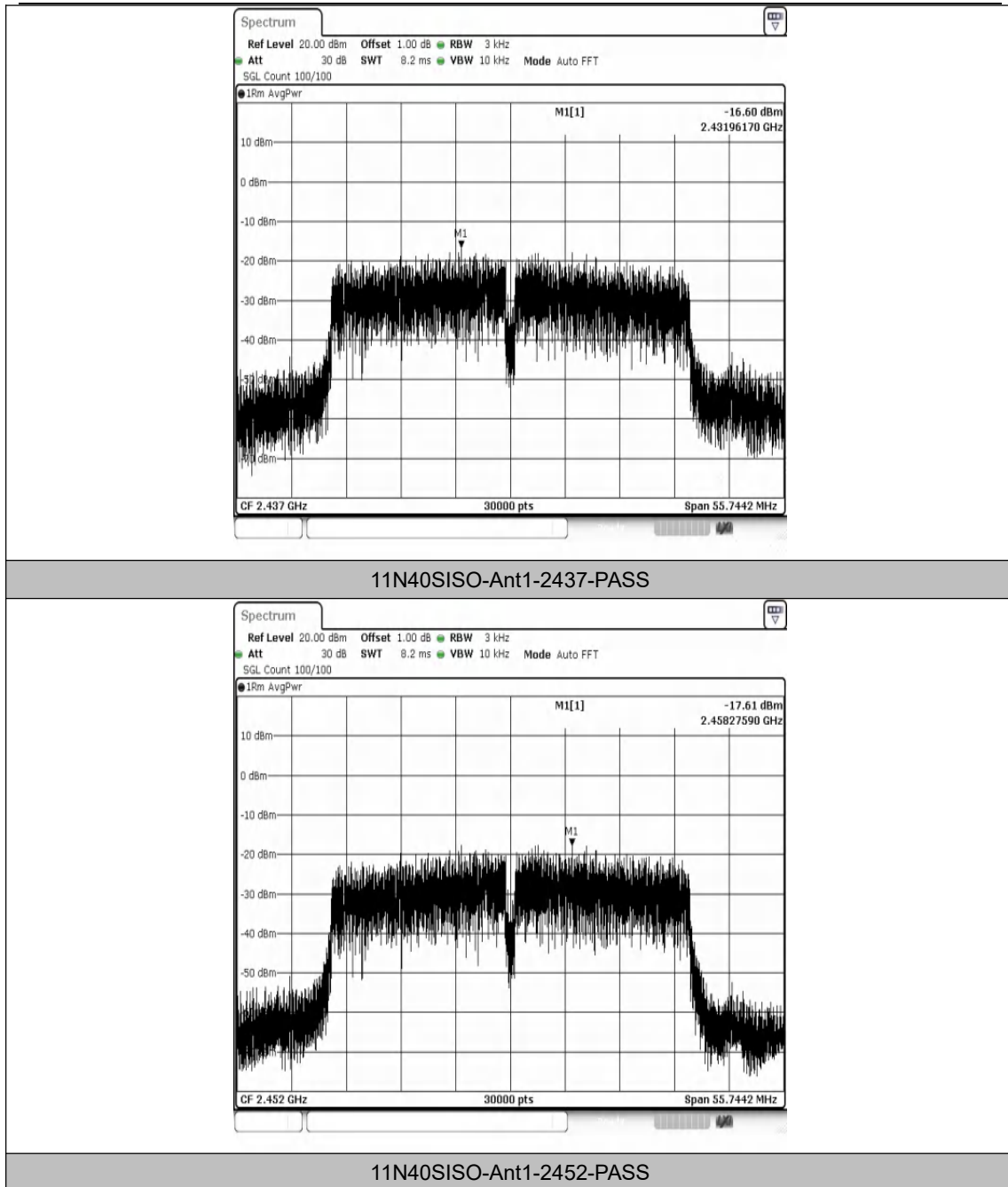
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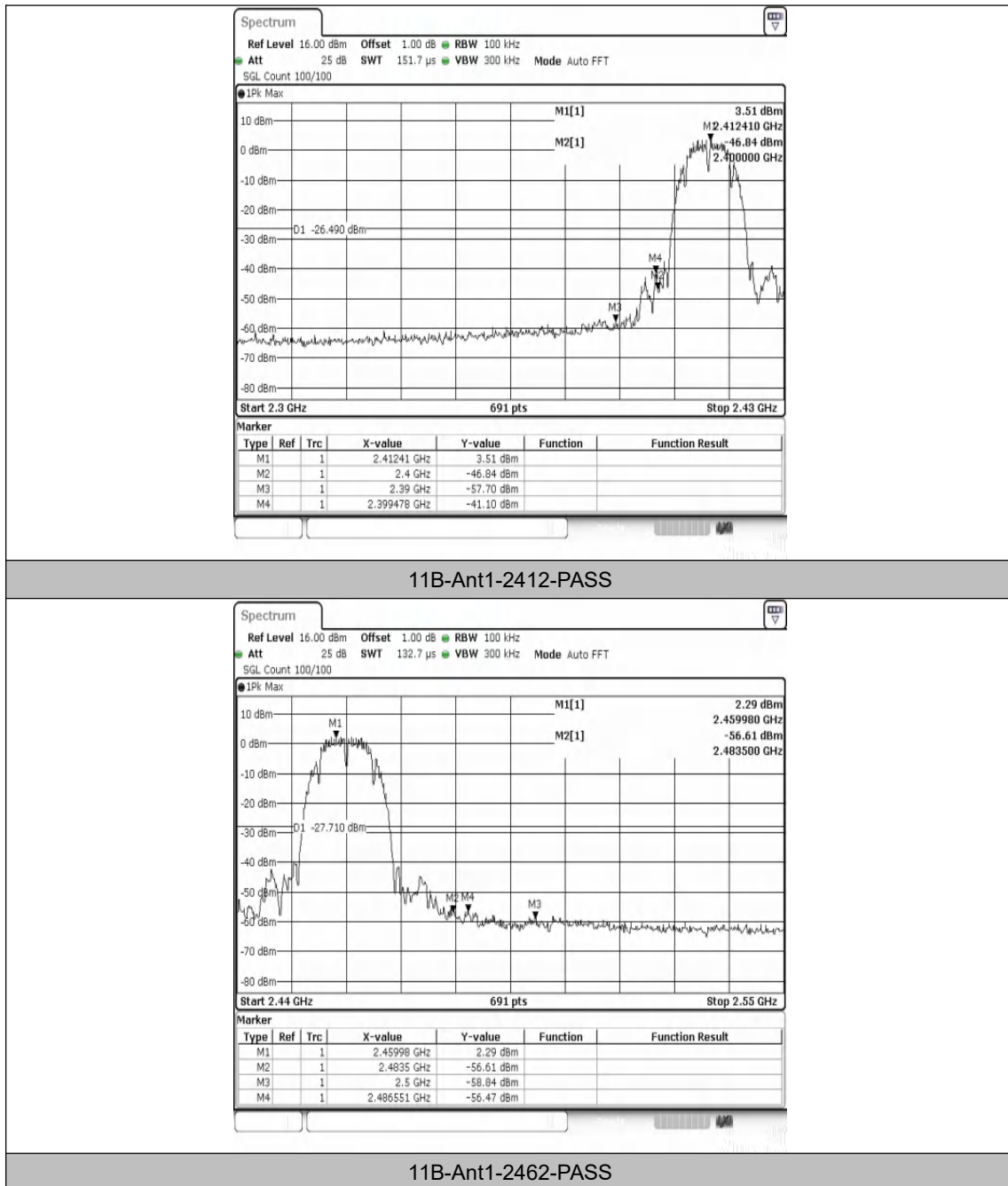
Appendix E: Conducted Band edge

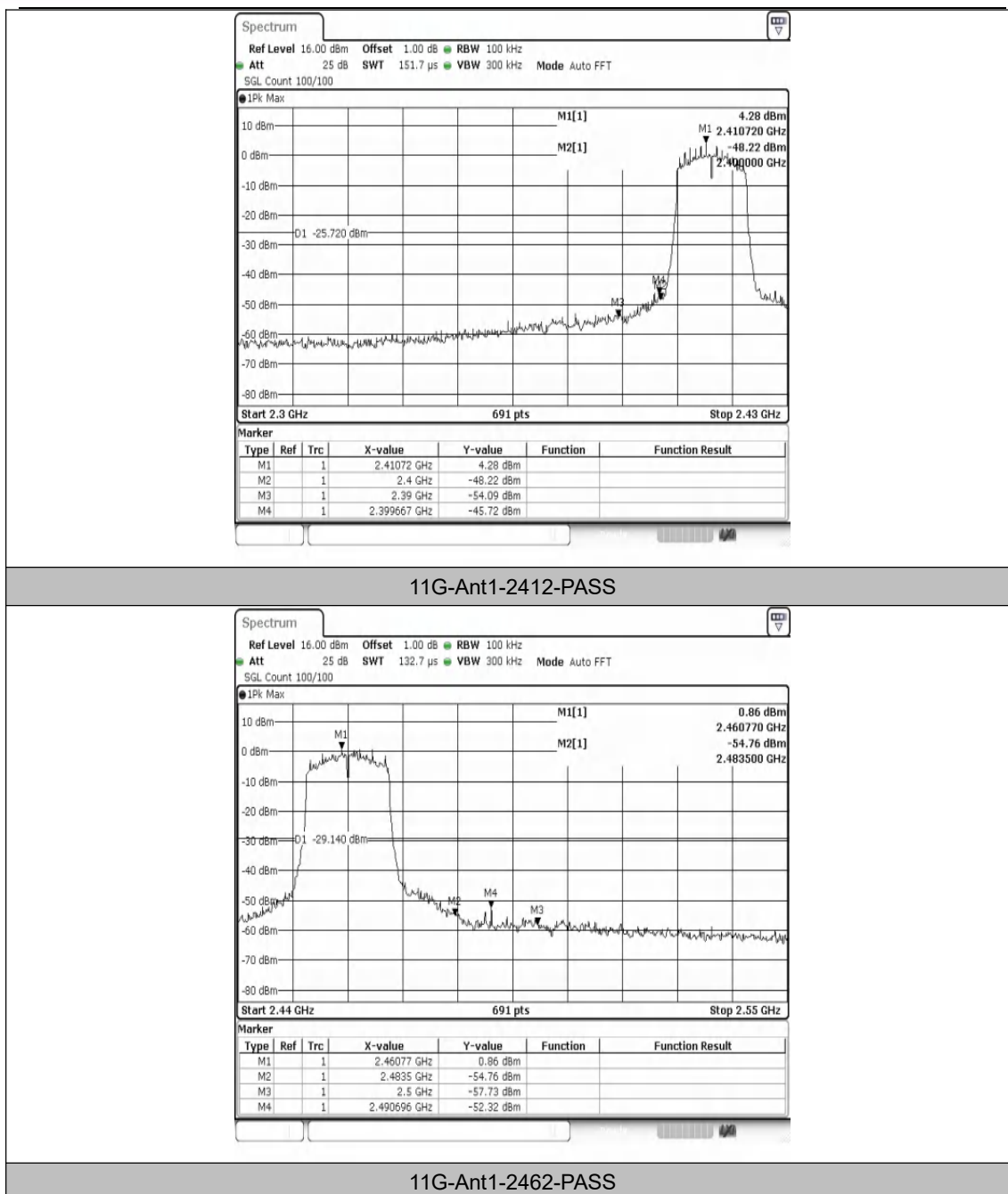
Test Result

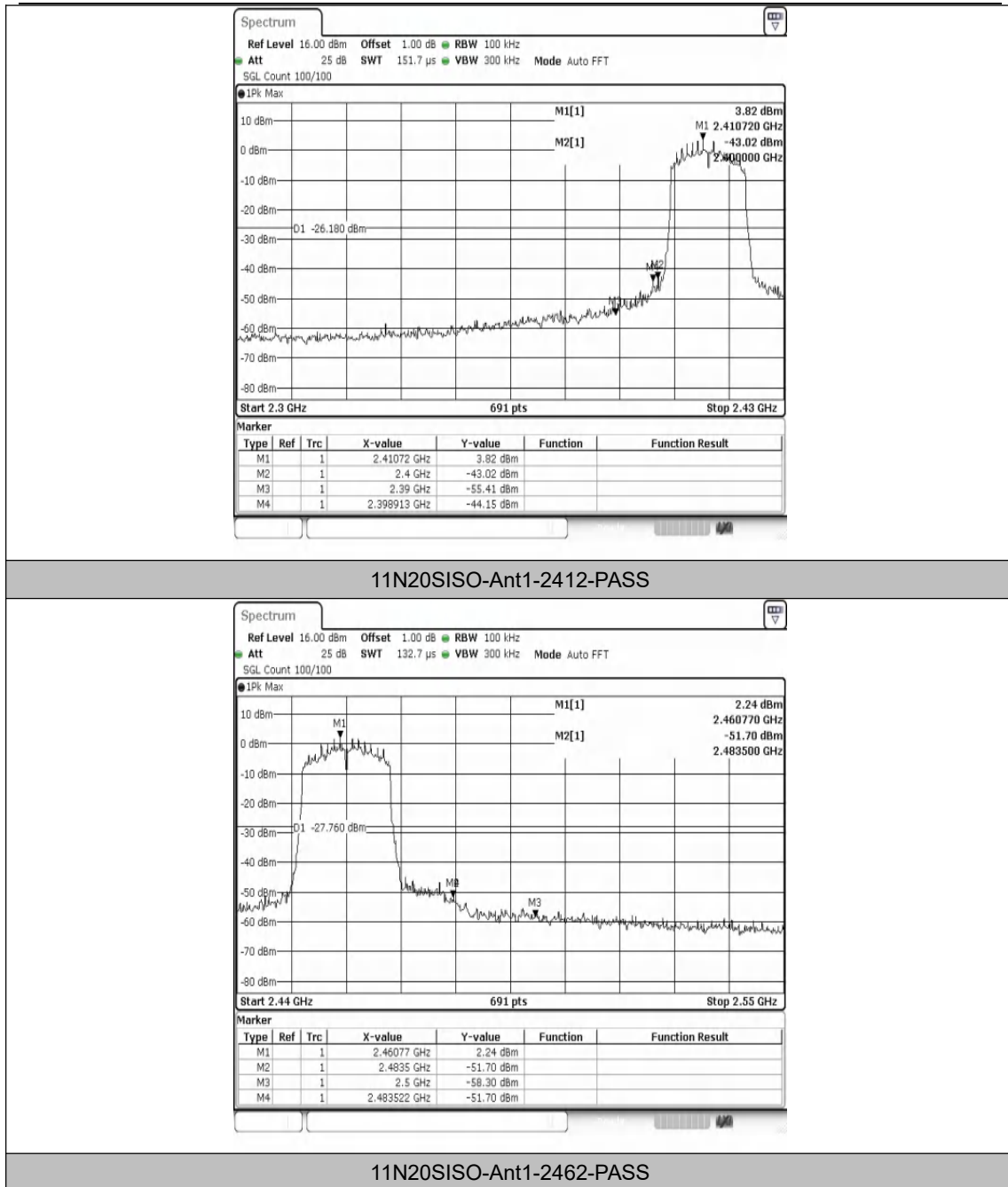
Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.51	-41.1	≤-26.49	PASS
11B	Ant1	High	2462	2.29	-56.47	≤-27.71	PASS
11G	Ant1	Low	2412	4.28	-45.72	≤-25.72	PASS
11G	Ant1	High	2462	0.86	-52.32	≤-29.14	PASS
11N20SISO	Ant1	Low	2412	3.82	-44.15	≤-26.18	PASS
11N20SISO	Ant1	High	2462	2.24	-51.7	≤-27.76	PASS
11N40SISO	Ant1	Low	2422	1.57	-40.47	≤-28.43	PASS
11N40SISO	Ant1	High	2452	-0.23	-43.91	≤-30.23	PASS

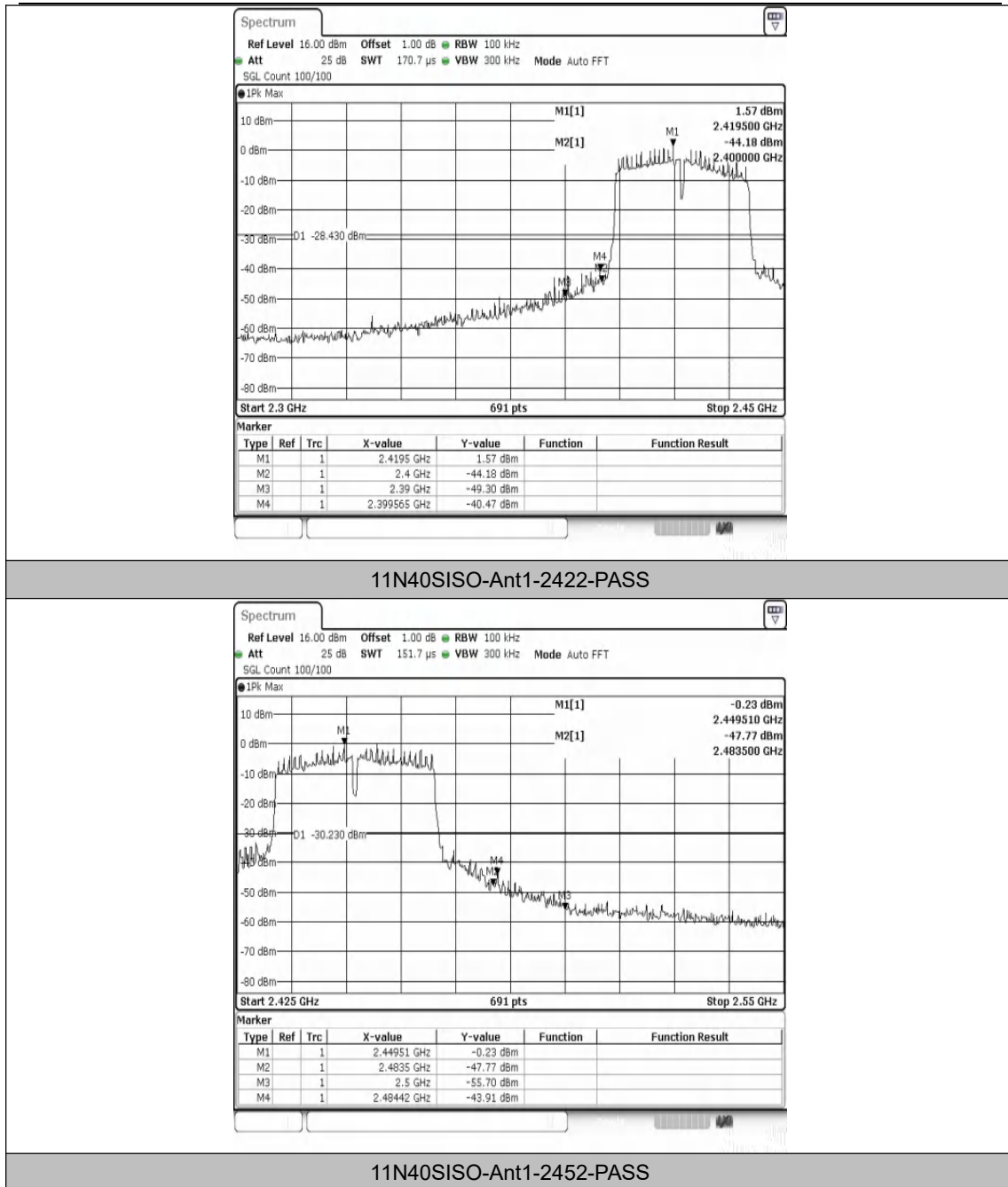
Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs









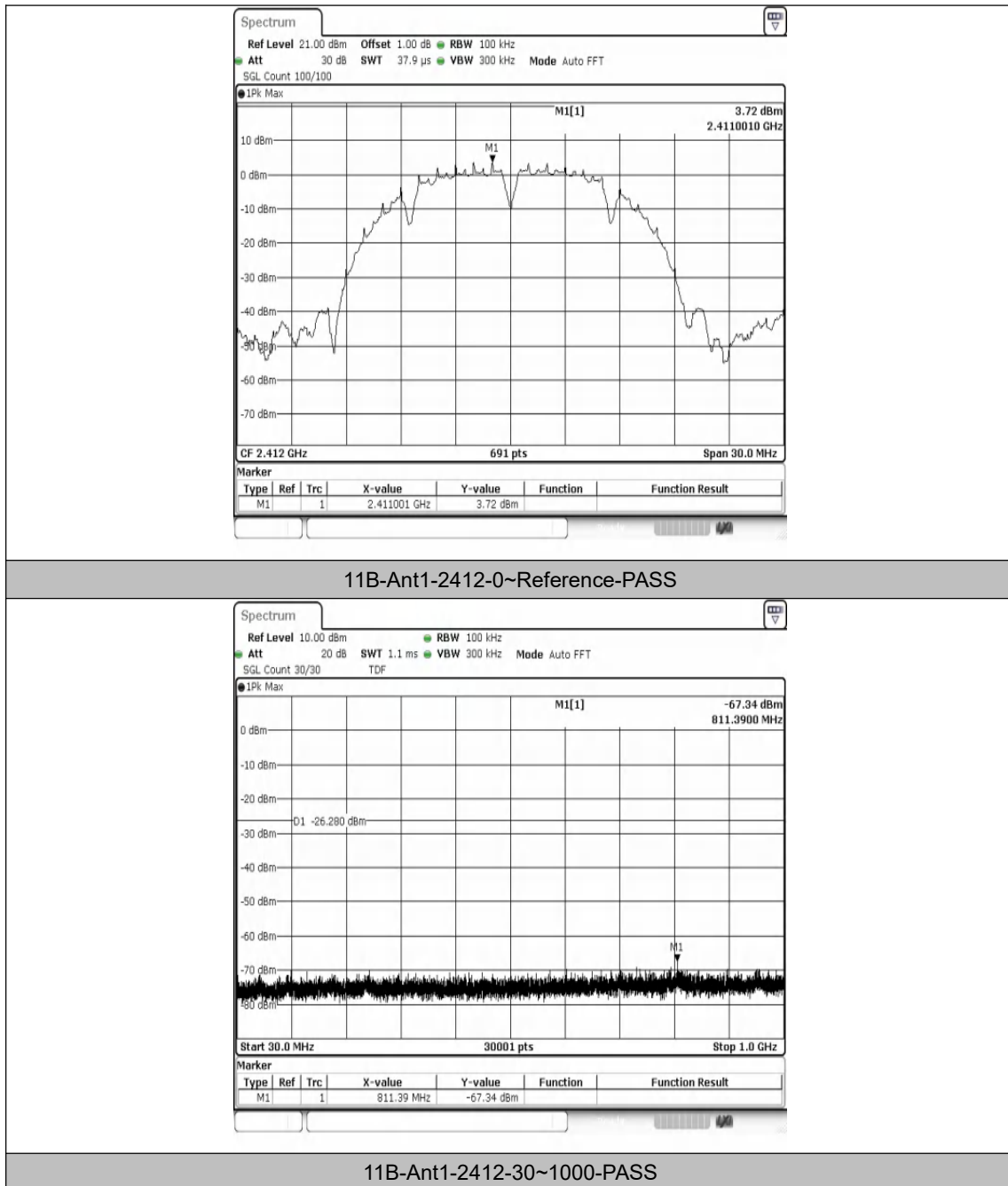
Appendix F: Conducted Spurious Emission

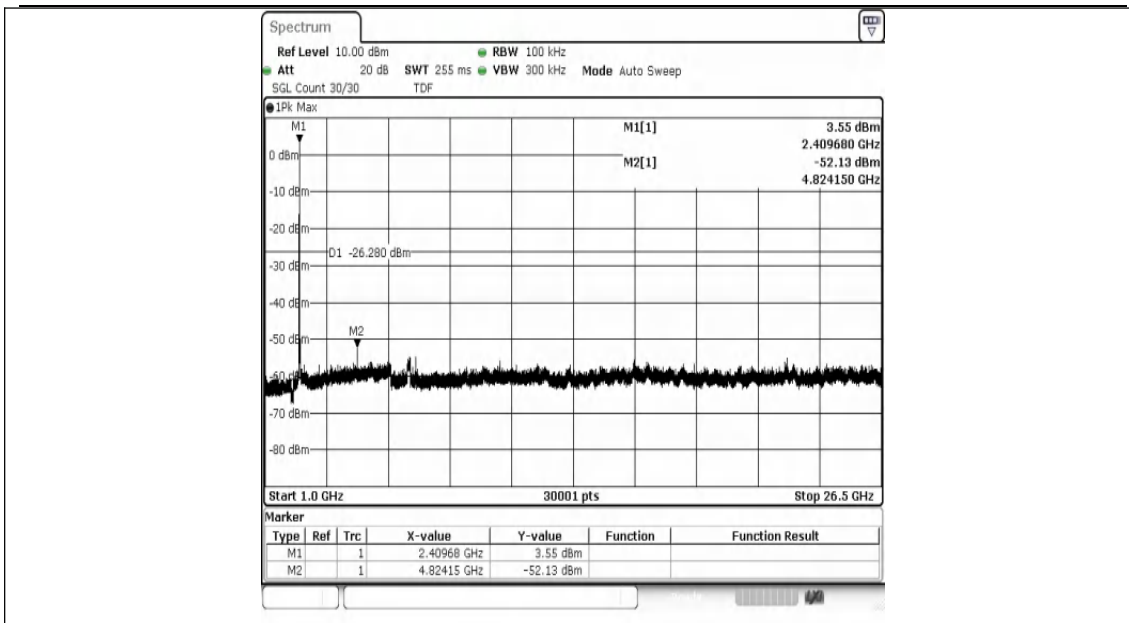
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.72	3.72	---	PASS
11B	Ant1	2412	30~1000	3.72	-67.34	≤-26.28	PASS
11B	Ant1	2412	1000~26500	3.72	-52.13	≤-26.28	PASS
11B	Ant1	2437	0~Reference	3.27	3.27	---	PASS
11B	Ant1	2437	30~1000	3.27	-68.43	≤-26.73	PASS
11B	Ant1	2437	1000~26500	3.27	-51.96	≤-26.73	PASS
11B	Ant1	2462	0~Reference	2.43	2.43	---	PASS
11B	Ant1	2462	30~1000	2.43	-68.46	≤-27.57	PASS
11B	Ant1	2462	1000~26500	2.43	-52.79	≤-27.57	PASS
11G	Ant1	2412	0~Reference	3.86	3.86	---	PASS
11G	Ant1	2412	30~1000	3.86	-69.61	≤-26.14	PASS
11G	Ant1	2412	1000~26500	3.86	-53.72	≤-26.14	PASS
11G	Ant1	2437	0~Reference	2.68	2.68	---	PASS
11G	Ant1	2437	30~1000	2.68	-68.6	≤-27.32	PASS
11G	Ant1	2437	1000~26500	2.68	-53.92	≤-27.32	PASS
11G	Ant1	2462	0~Reference	2.46	2.46	---	PASS
11G	Ant1	2462	30~1000	2.46	-67.78	≤-27.54	PASS
11G	Ant1	2462	1000~26500	2.46	-53.97	≤-27.54	PASS
11N20SISO	Ant1	2412	0~Reference	3.61	3.61	---	PASS
11N20SISO	Ant1	2412	30~1000	3.61	-69.21	≤-26.39	PASS
11N20SISO	Ant1	2412	1000~26500	3.61	-53.75	≤-26.39	PASS
11N20SISO	Ant1	2437	0~Reference	2.91	2.91	---	PASS
11N20SISO	Ant1	2437	30~1000	2.91	-68.47	≤-27.09	PASS
11N20SISO	Ant1	2437	1000~26500	2.91	-54.57	≤-27.09	PASS
11N20SISO	Ant1	2462	0~Reference	0.97	0.97	---	PASS
11N20SISO	Ant1	2462	30~1000	0.97	-69.23	≤-29.03	PASS
11N20SISO	Ant1	2462	1000~26500	0.97	-53.51	≤-29.03	PASS
11N40SISO	Ant1	2422	0~Reference	0.89	0.89	---	PASS
11N40SISO	Ant1	2422	30~1000	0.89	-69.5	≤-29.11	PASS
11N40SISO	Ant1	2422	1000~26500	0.89	-53.73	≤-29.11	PASS
11N40SISO	Ant1	2437	0~Reference	0.60	0.60	---	PASS
11N40SISO	Ant1	2437	30~1000	0.60	-68.73	≤-29.4	PASS
11N40SISO	Ant1	2437	1000~26500	0.60	-54.75	≤-29.4	PASS
11N40SISO	Ant1	2452	0~Reference	0.08	0.08	---	PASS
11N40SISO	Ant1	2452	30~1000	0.08	-67.81	≤-29.92	PASS
11N40SISO	Ant1	2452	1000~26500	0.08	-55.07	≤-29.92	PASS

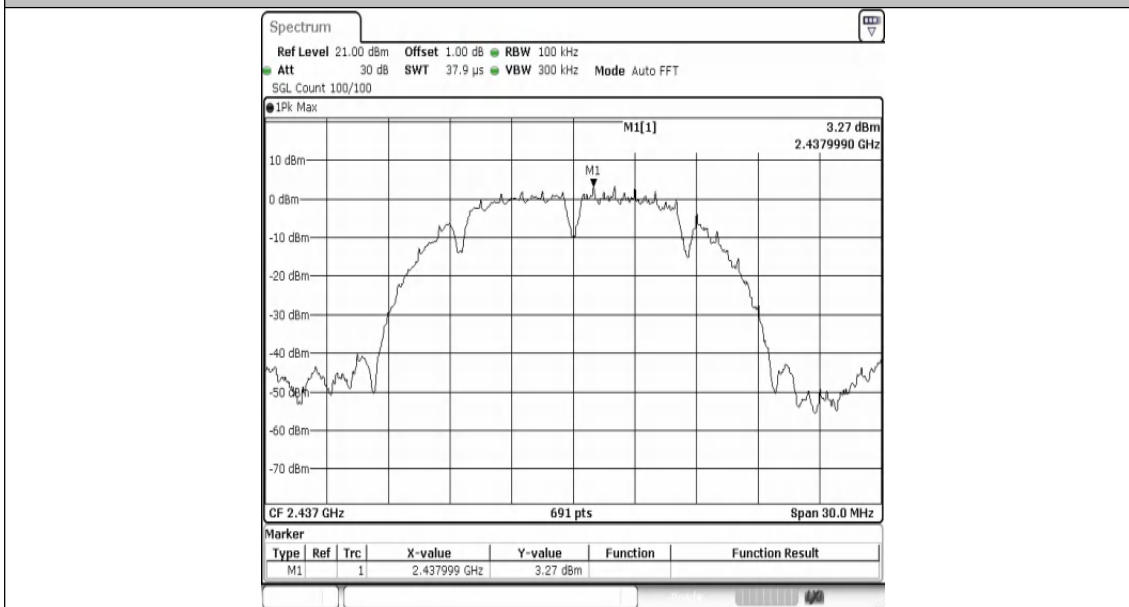
Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'TDF' of the Spectrum Analyzer during the test.

Test Graphs

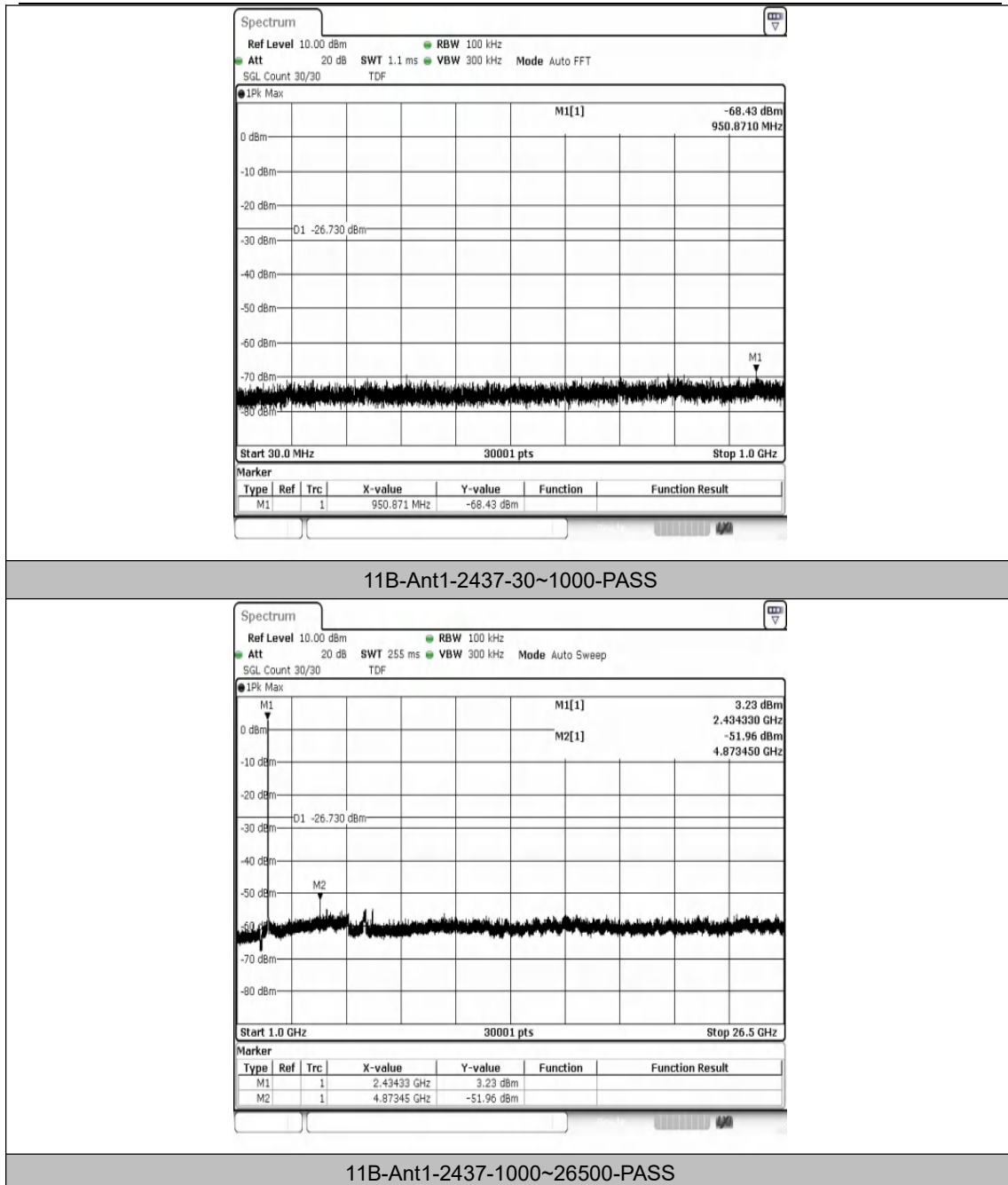


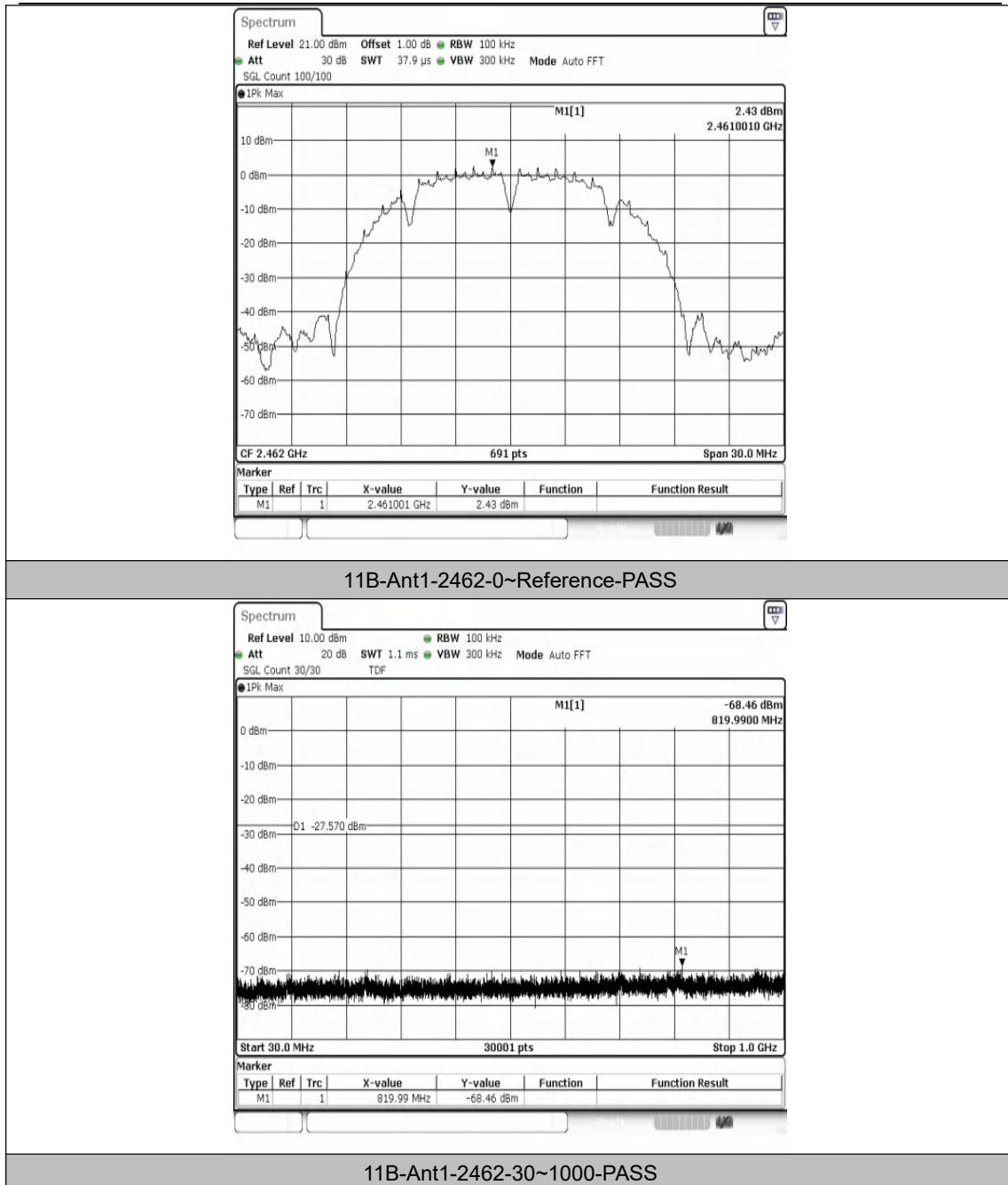


11B-Ant1-2412-1000~26500-PASS



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

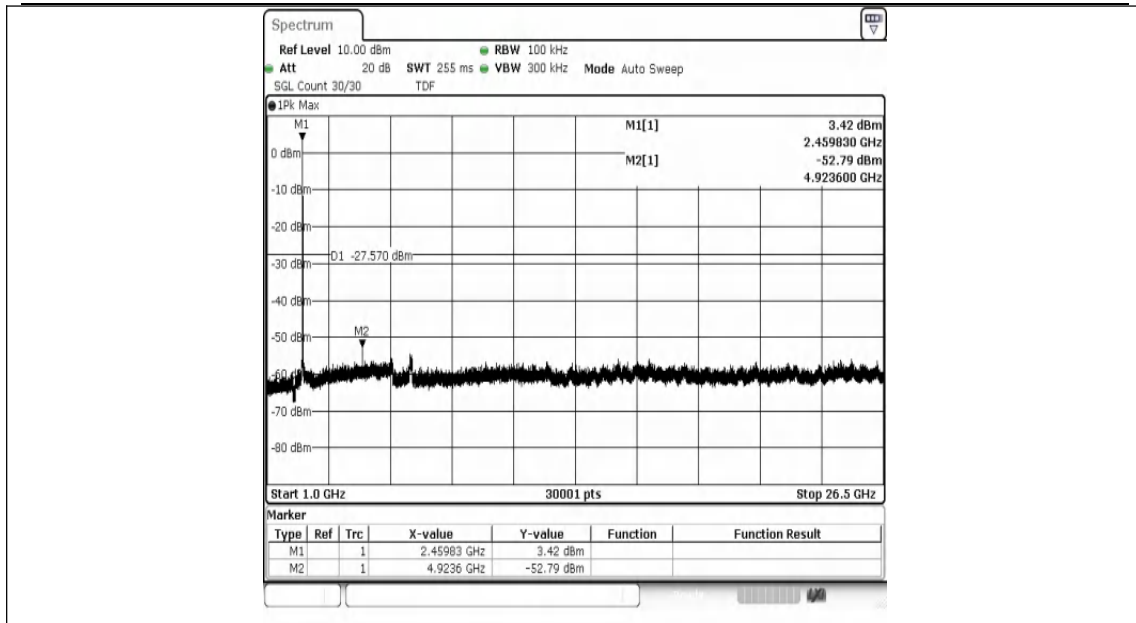




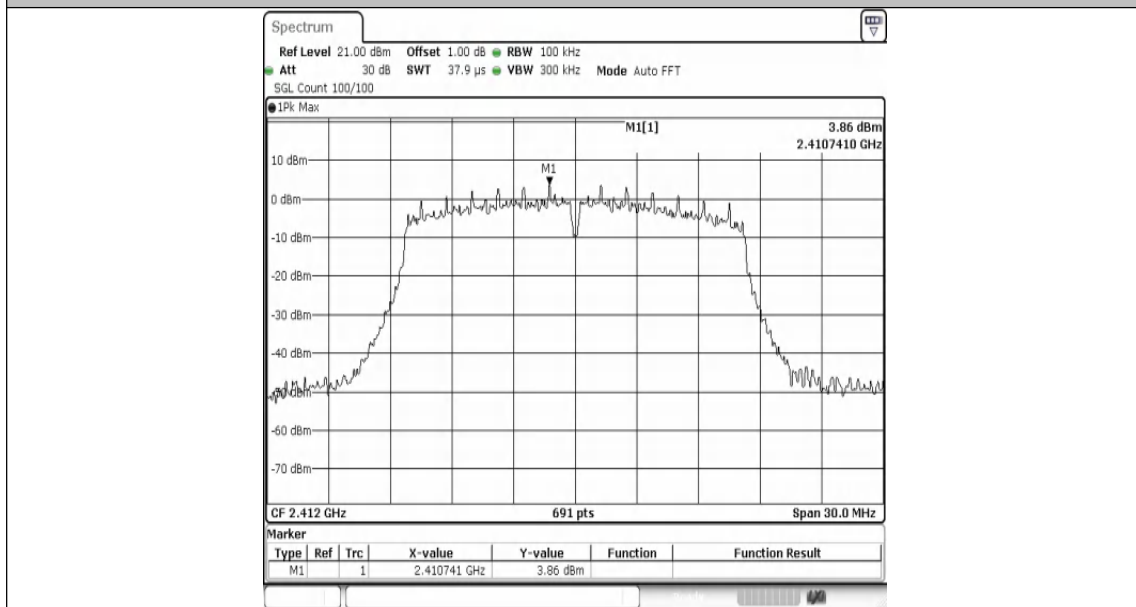
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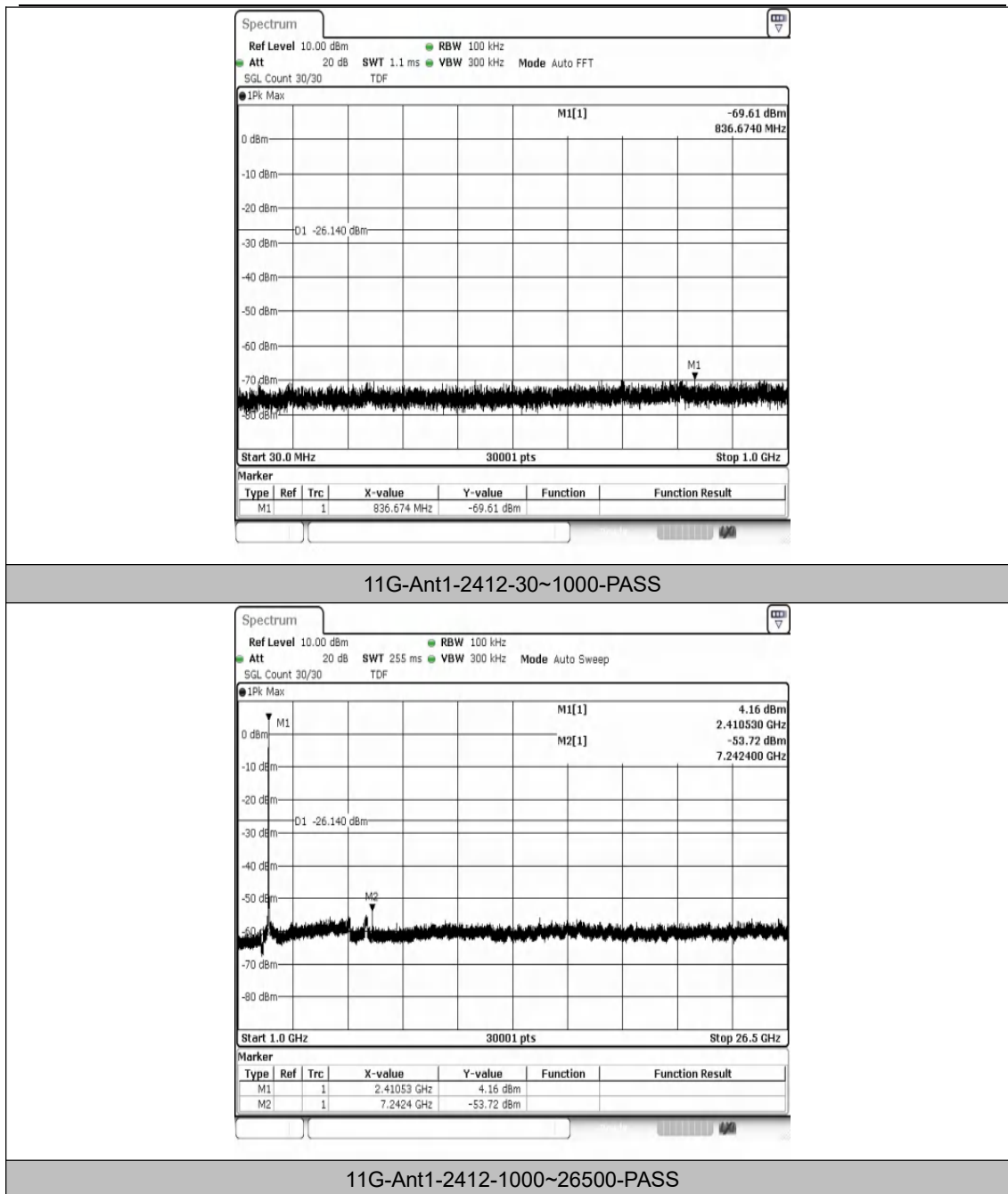
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11B-Ant1-2462-1000~26500-PASS



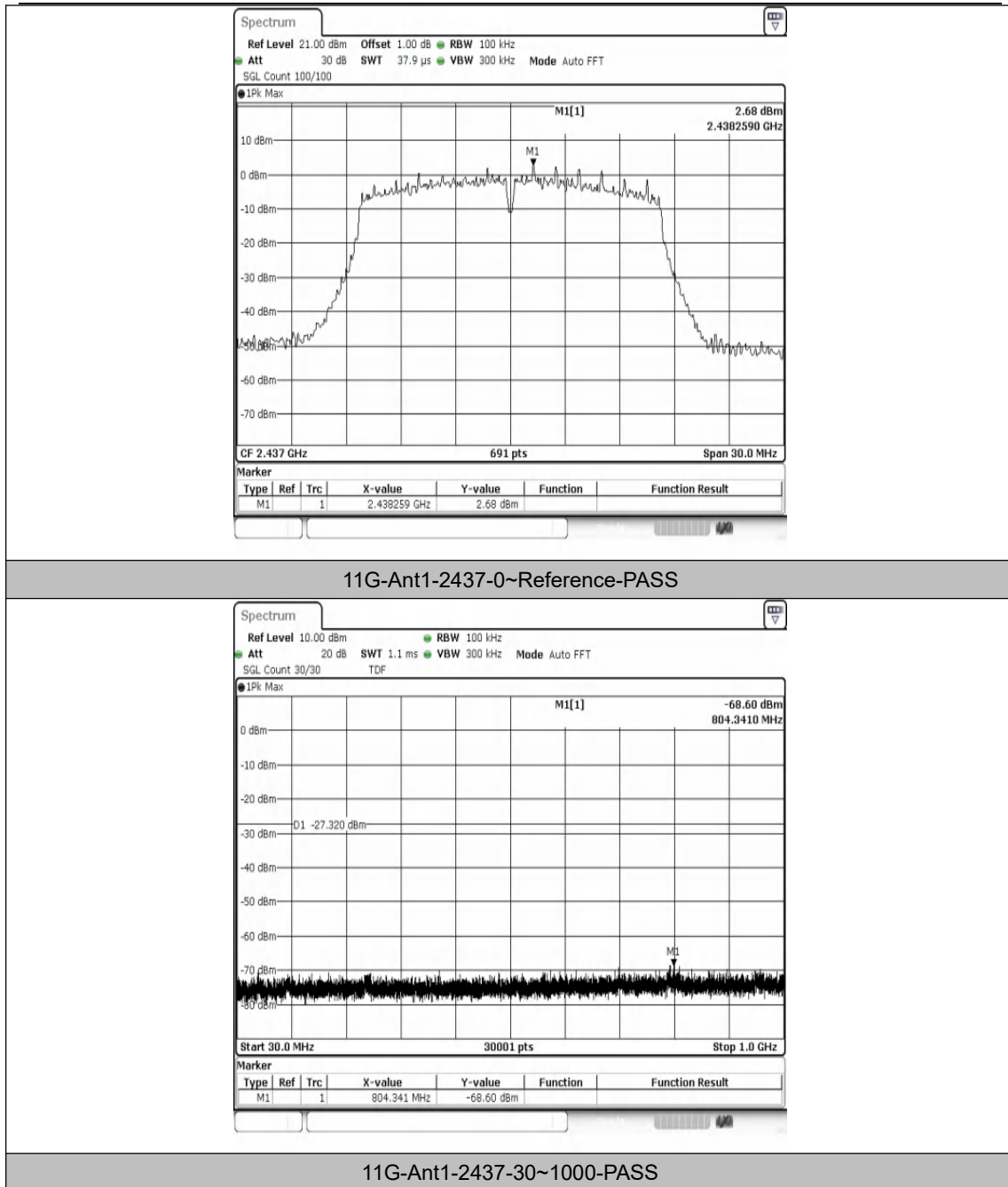
11G-Ant1-2412-0~Reference-PASS



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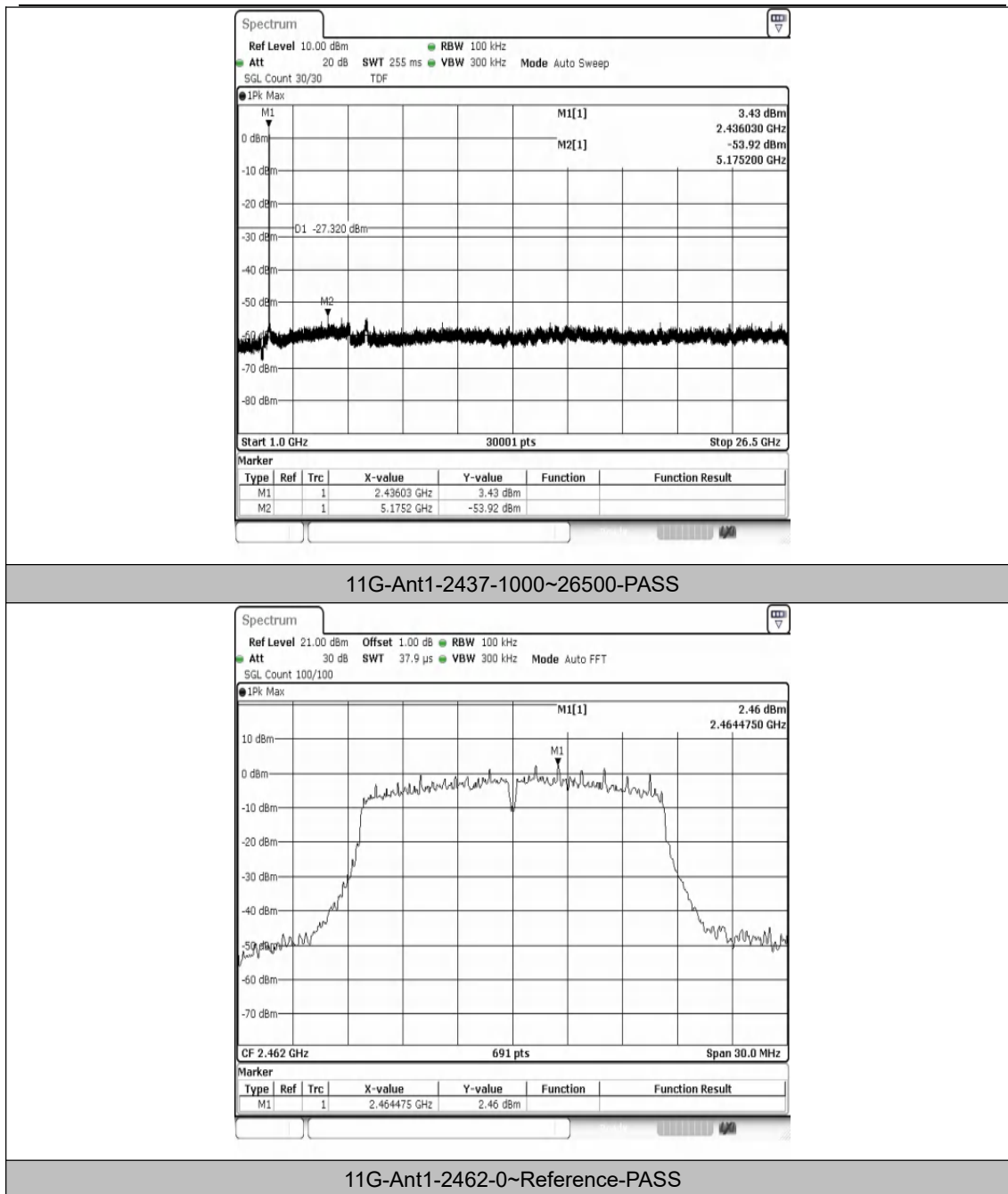
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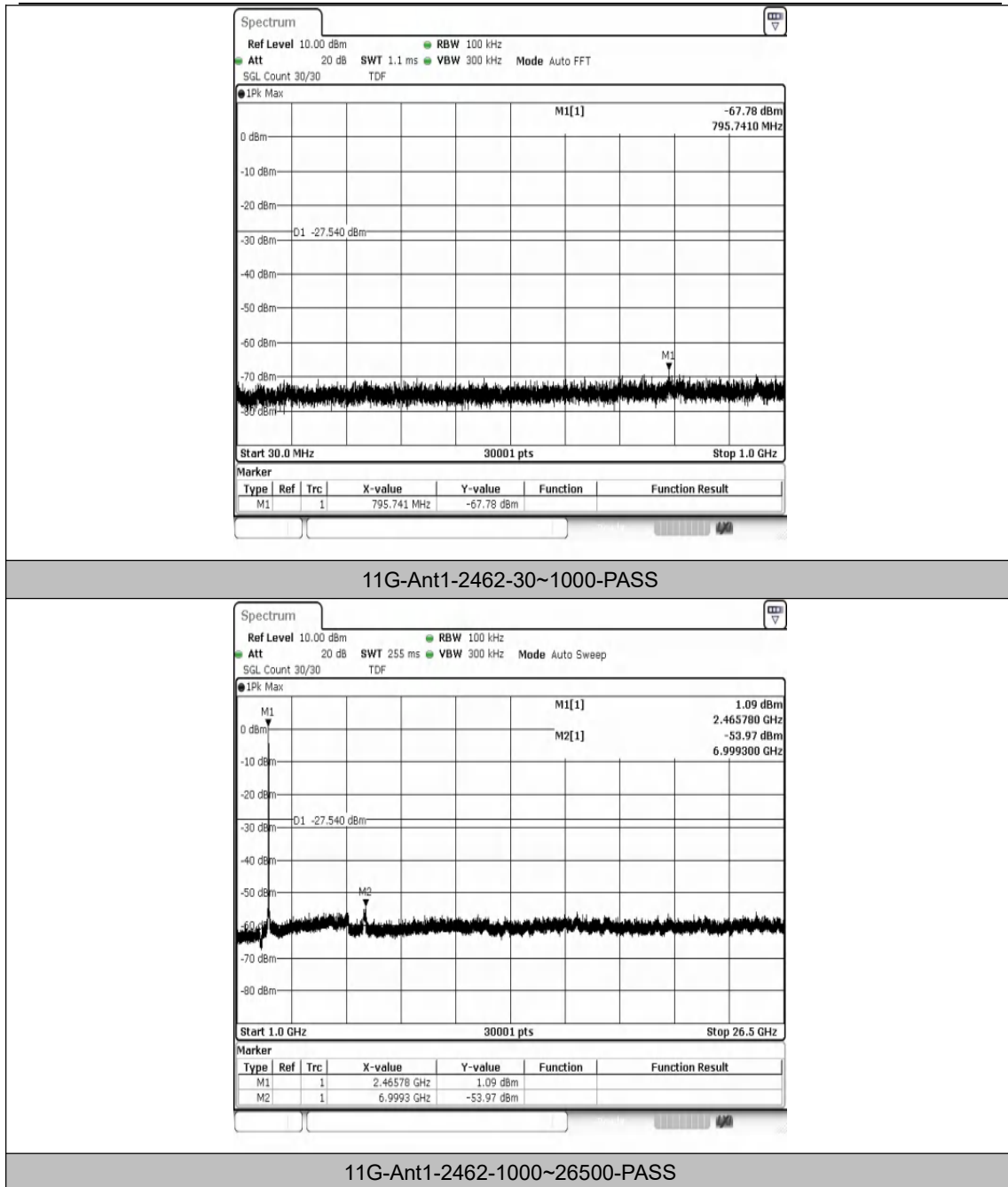
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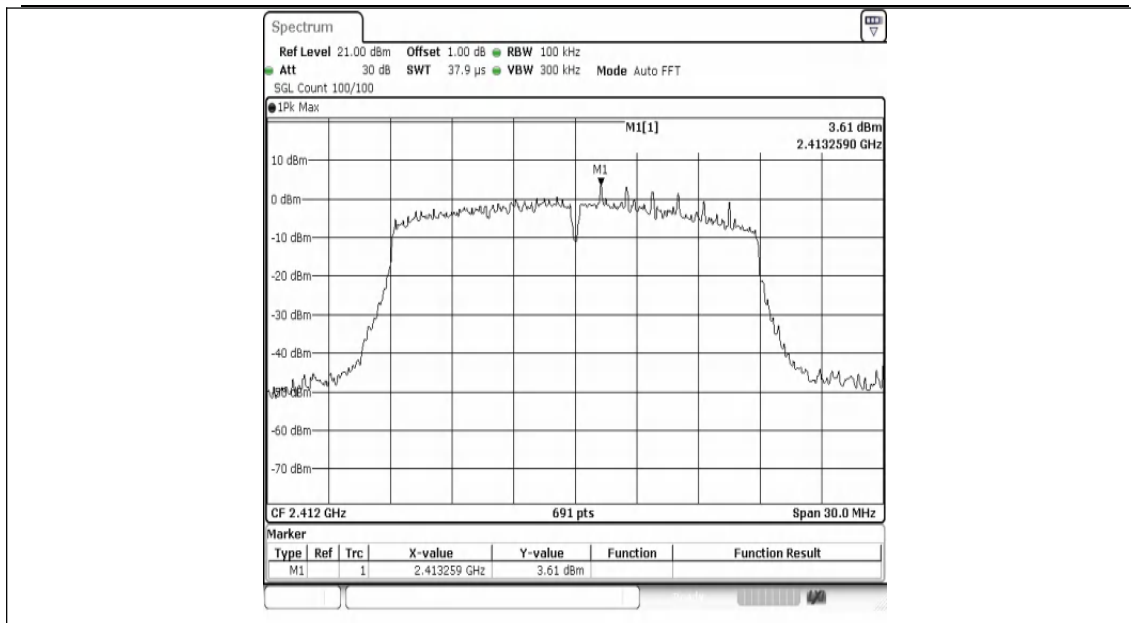
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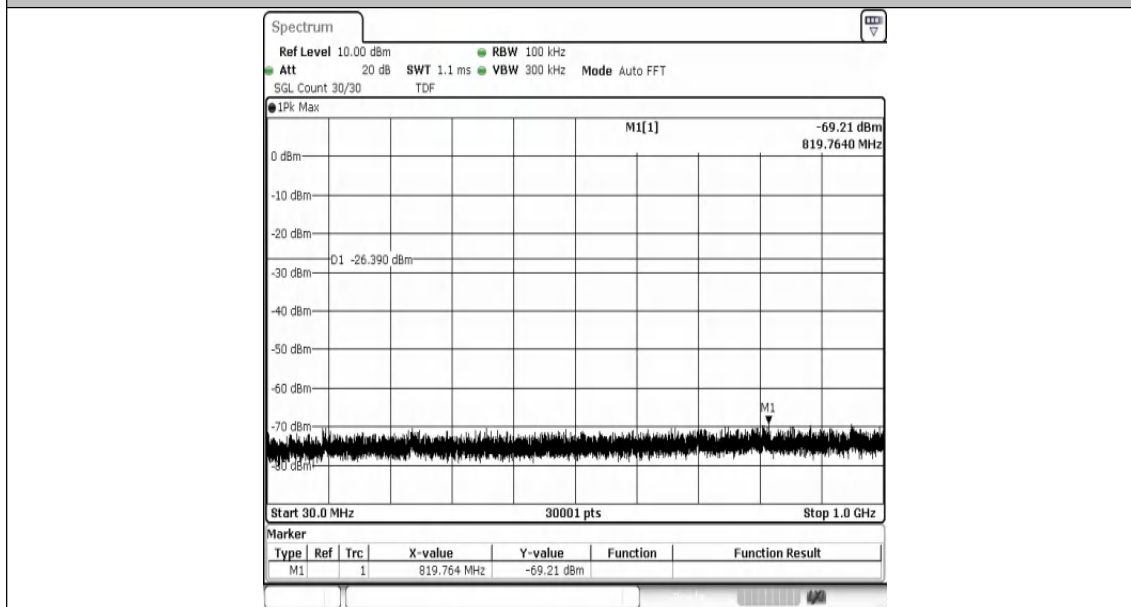
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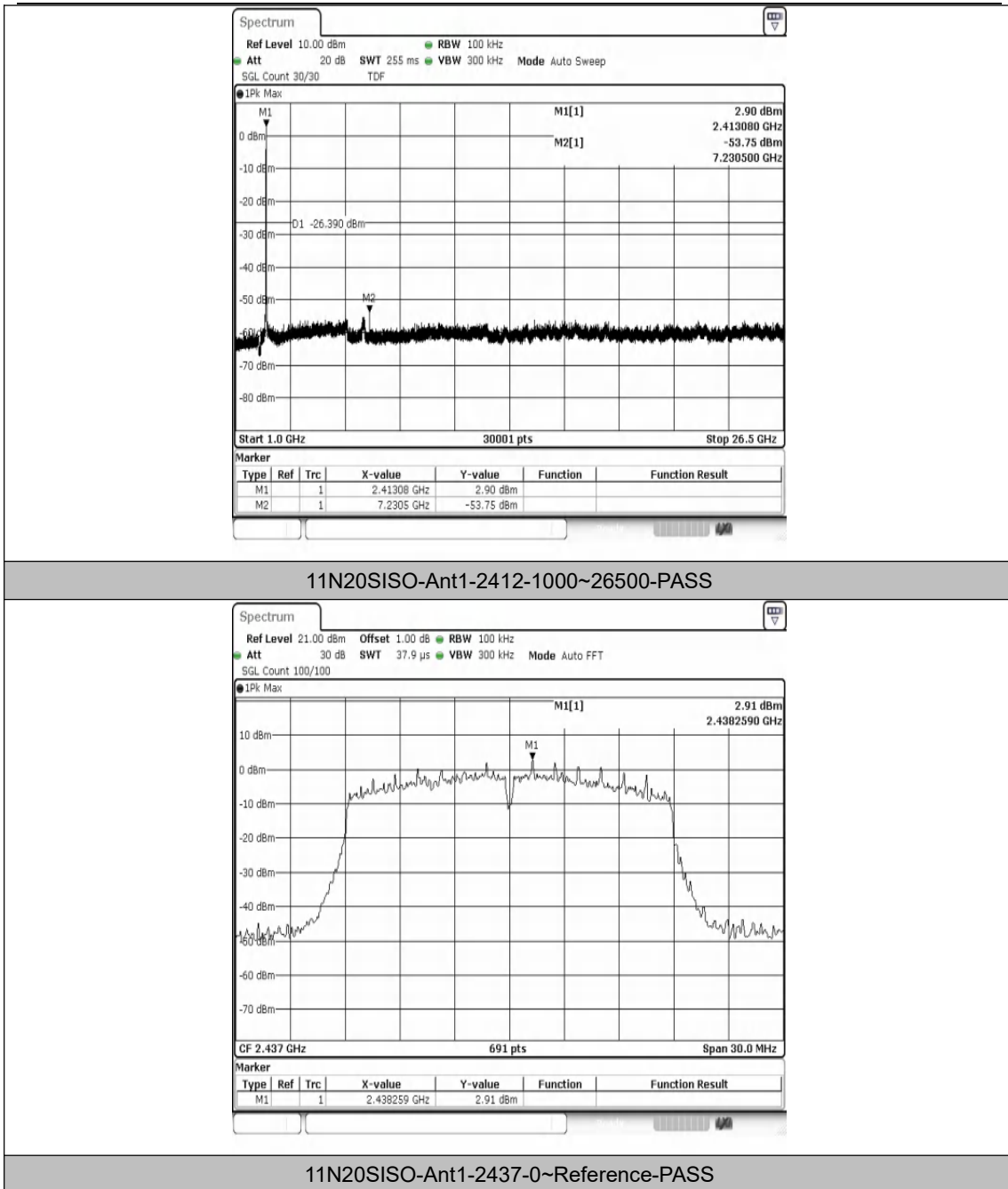
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11N20SISO-Ant1-2412-0~Reference-PASS



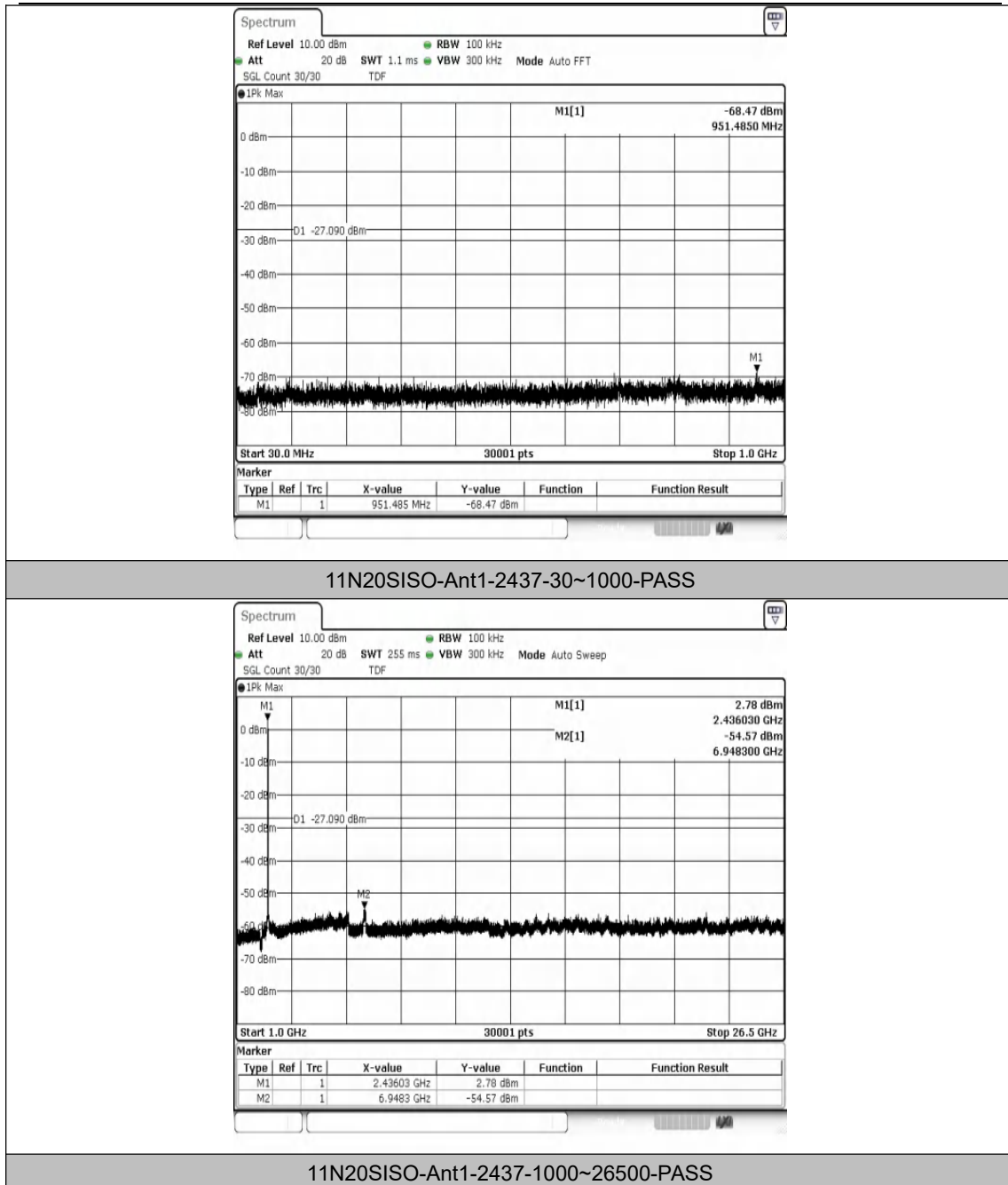
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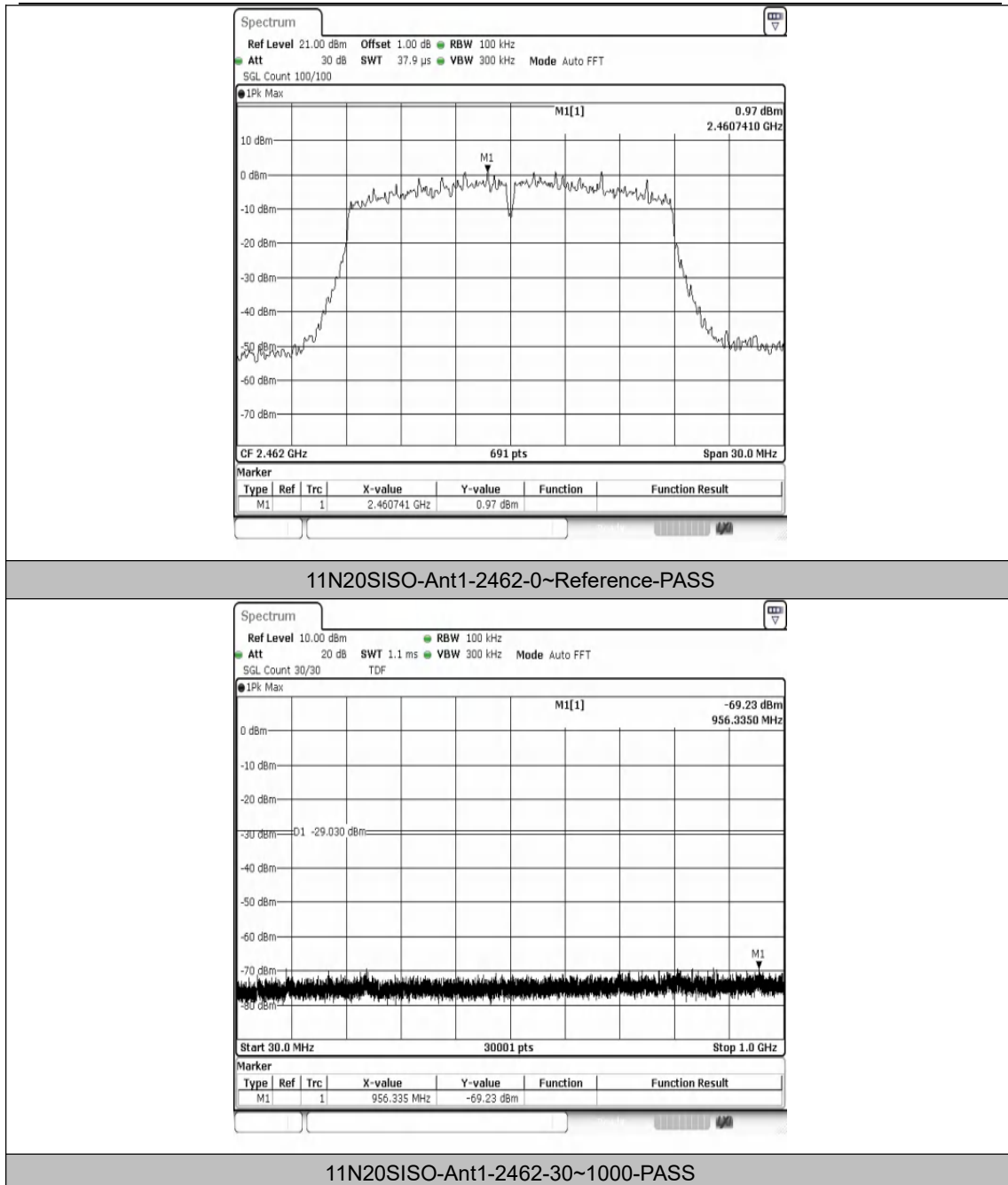


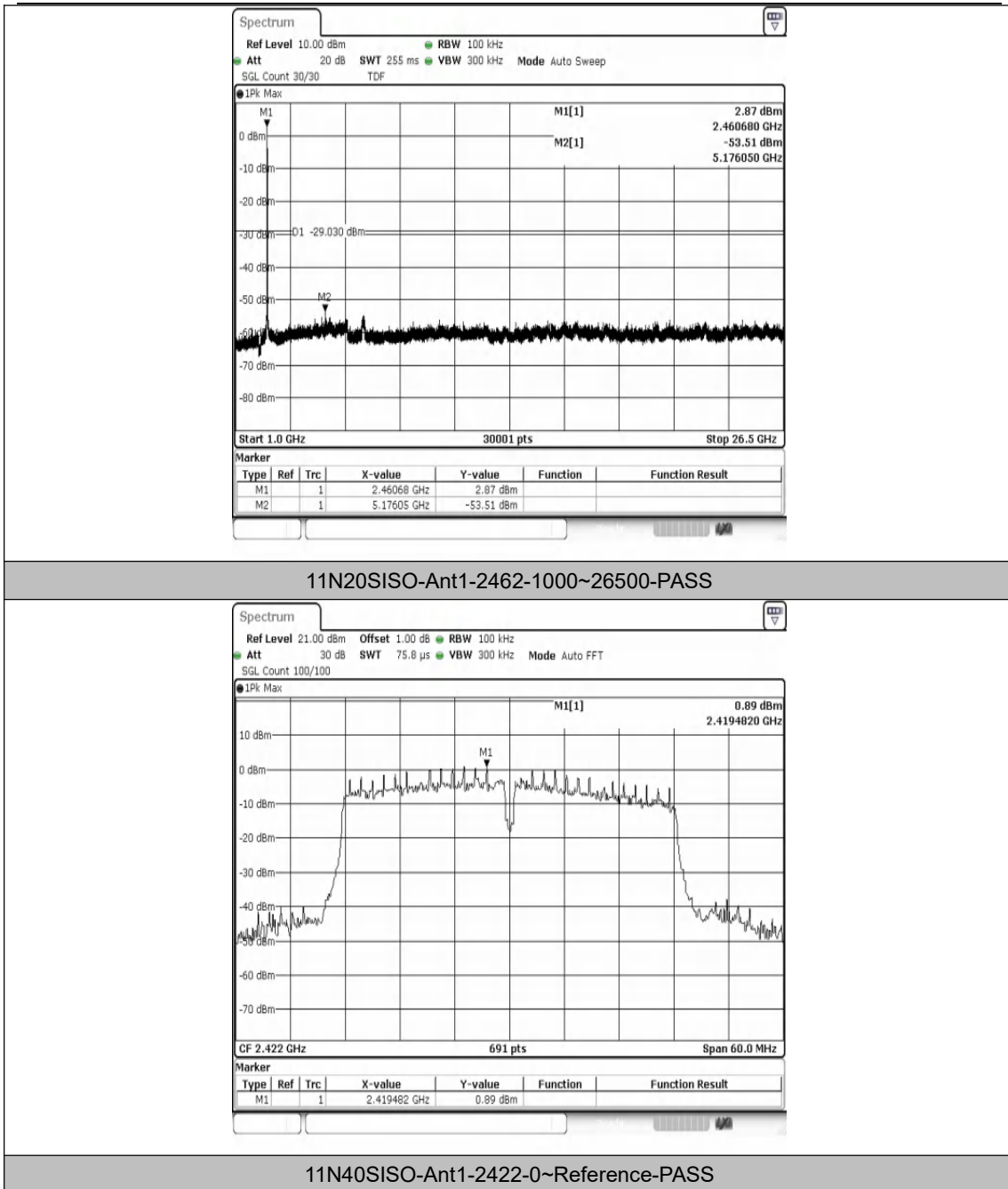
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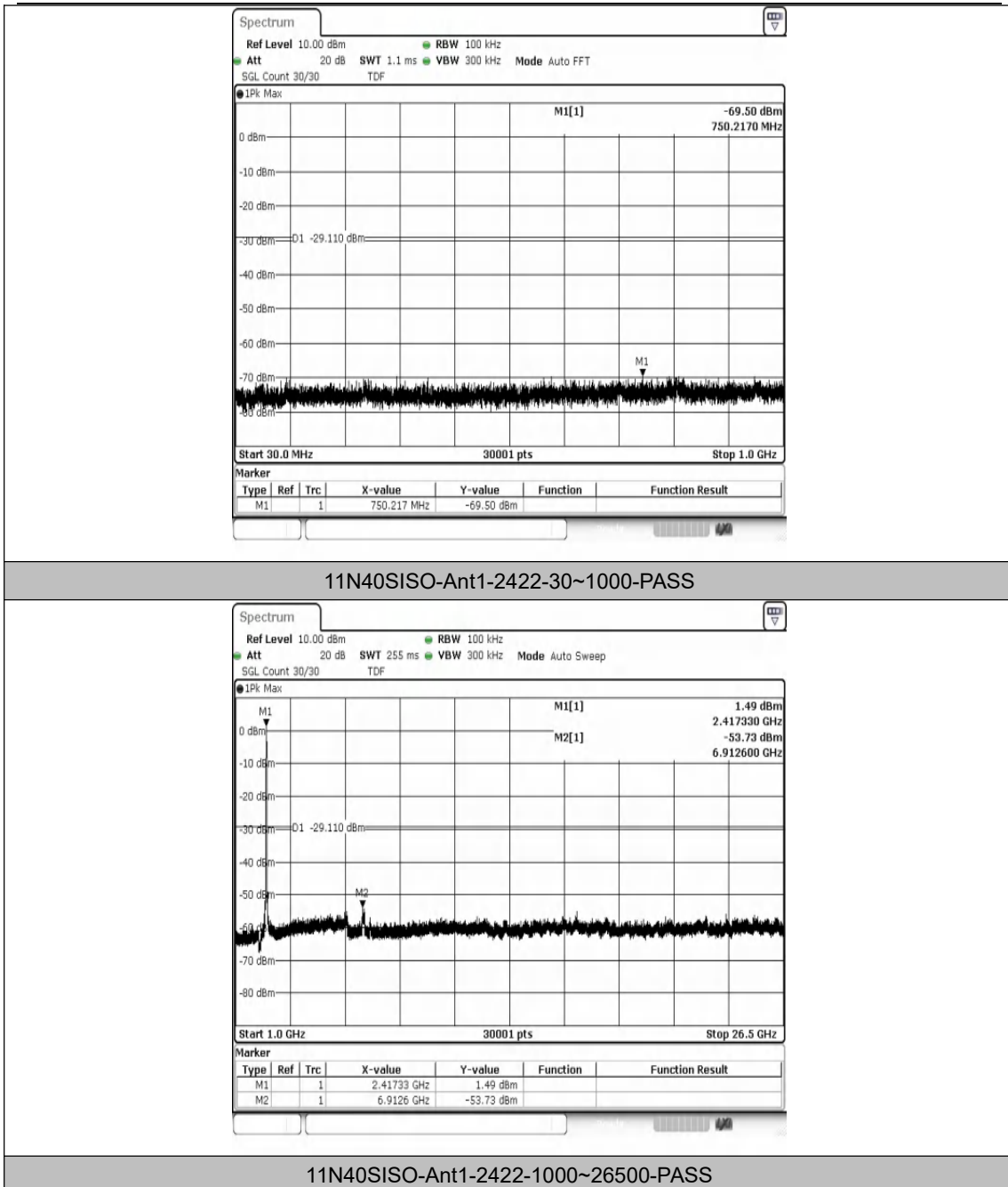




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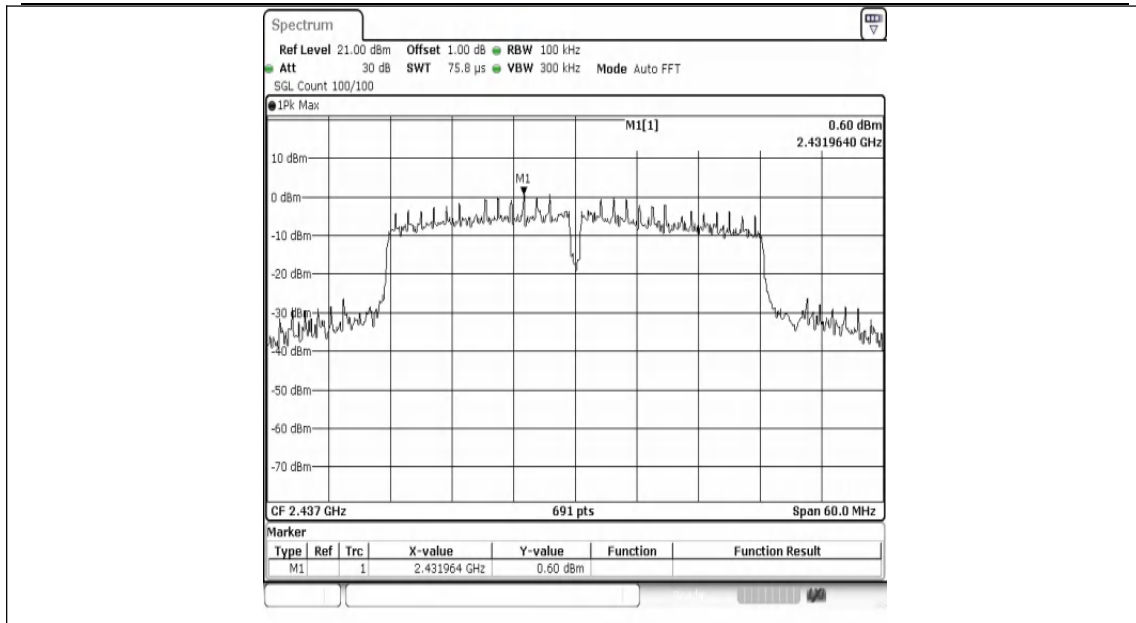
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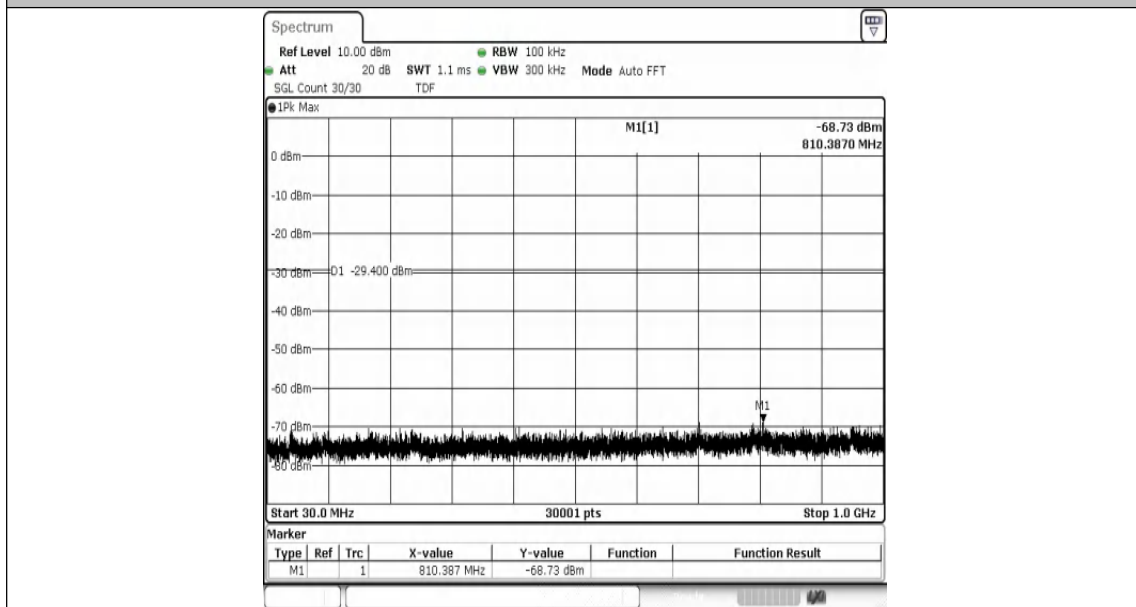
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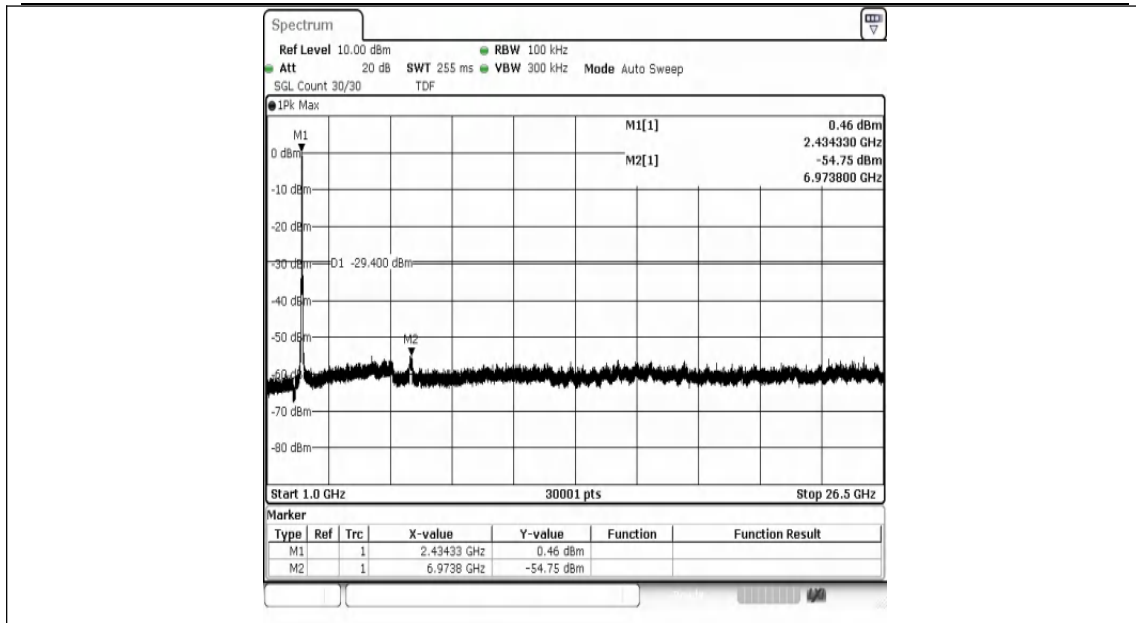
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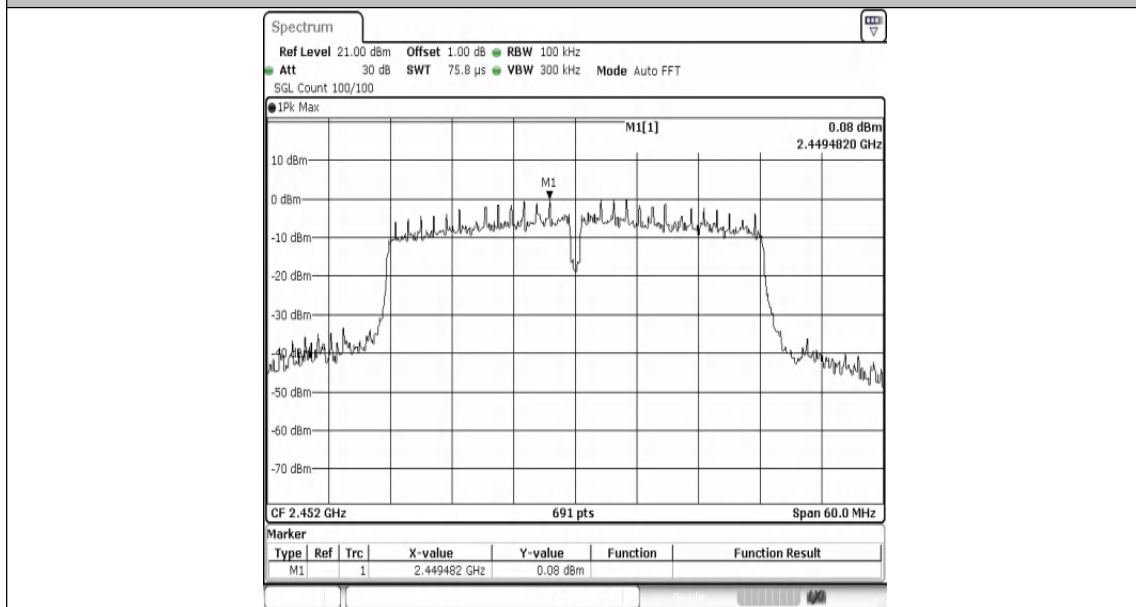
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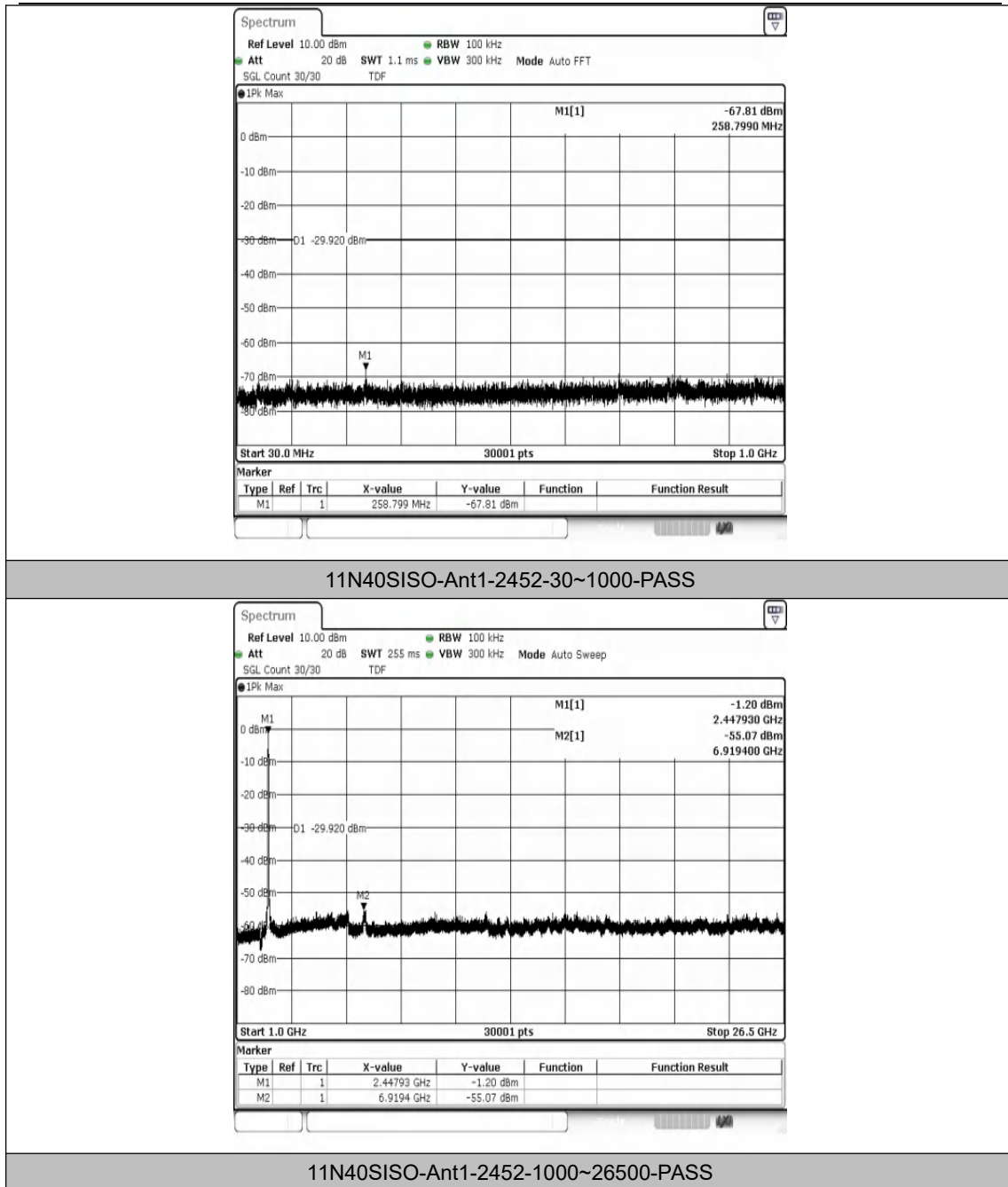
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11N40SISO-Ant1-2437-1000~26500-PASS



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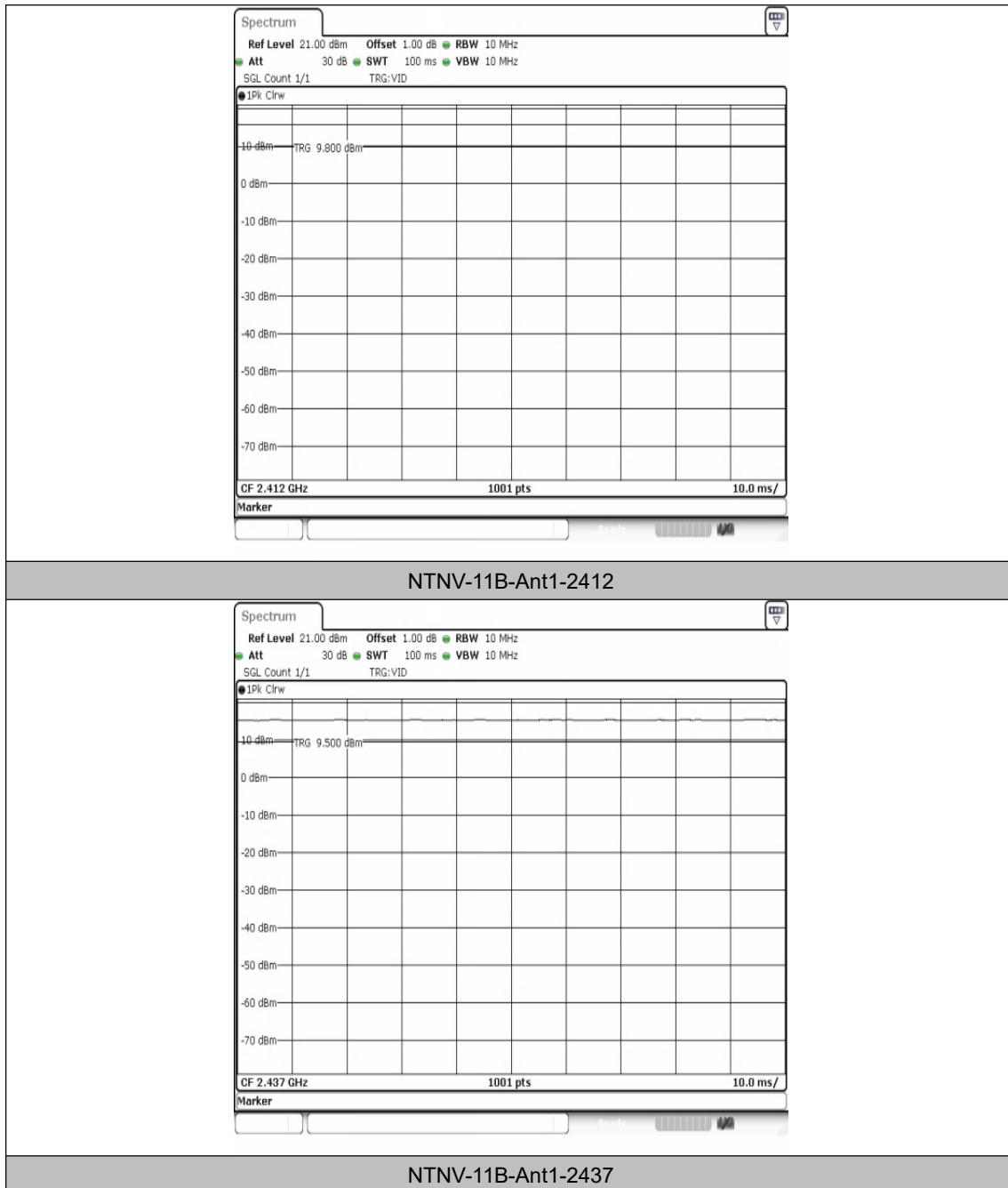
Appendix G: Duty Cycle

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



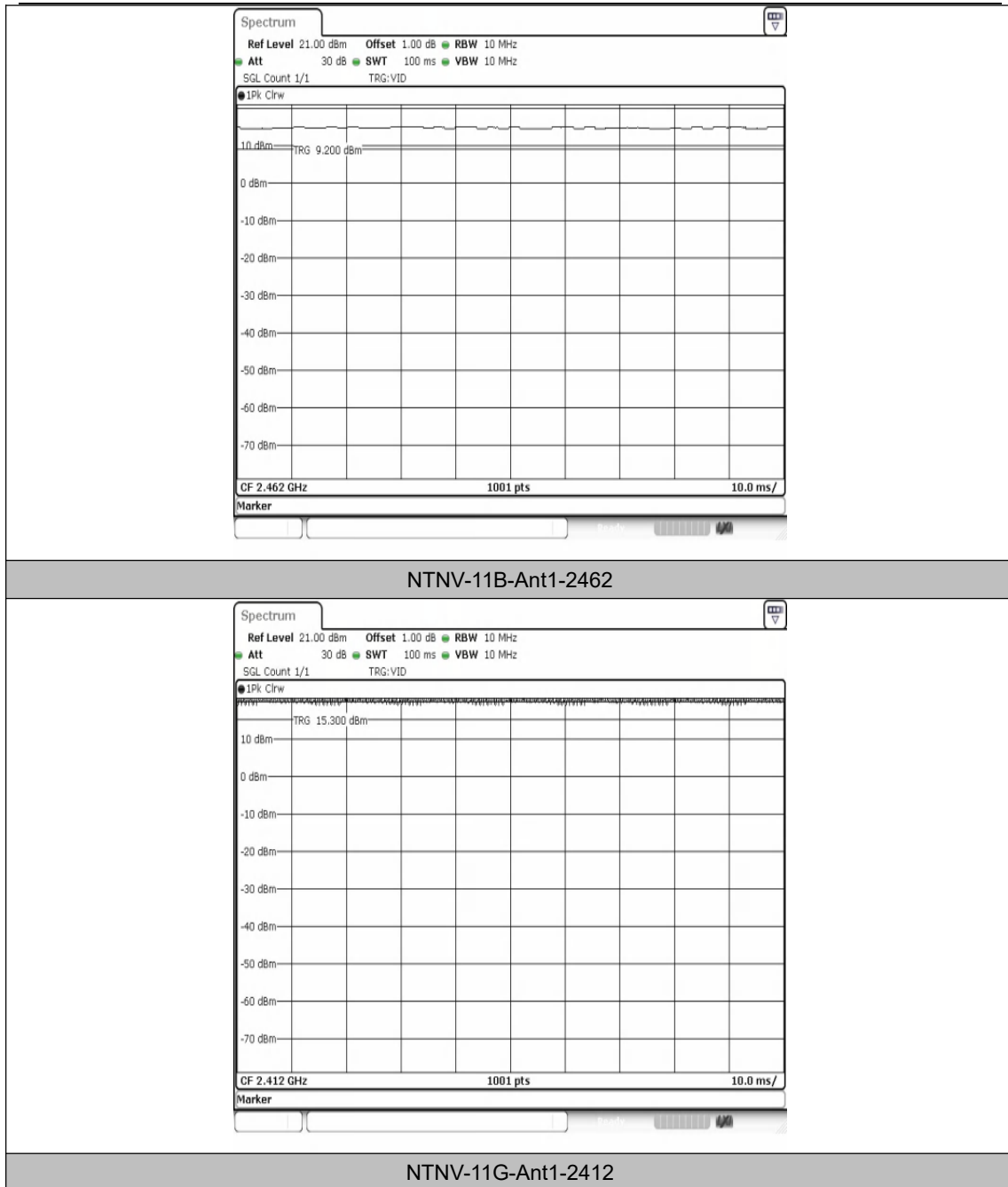
Test Graphs



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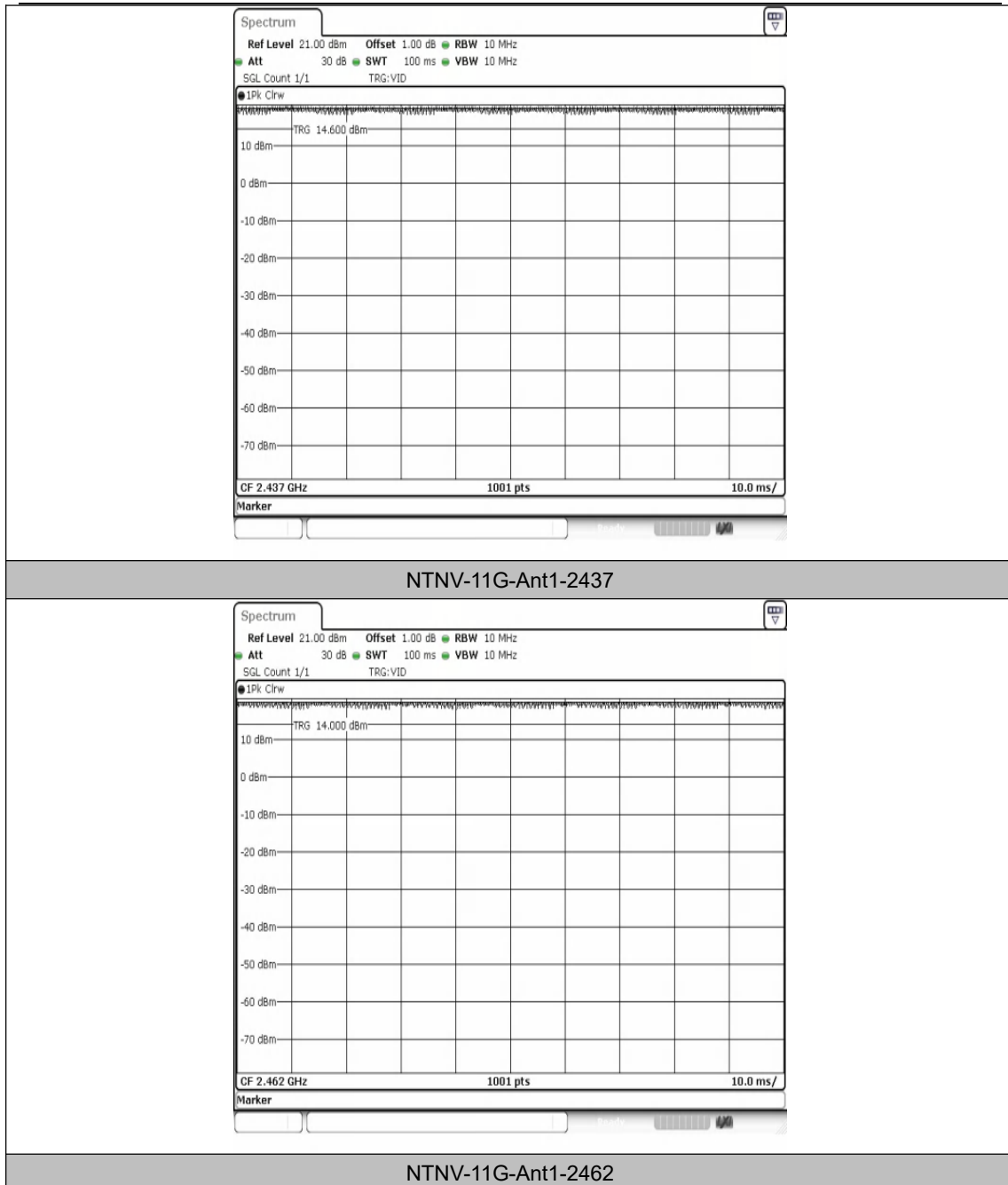
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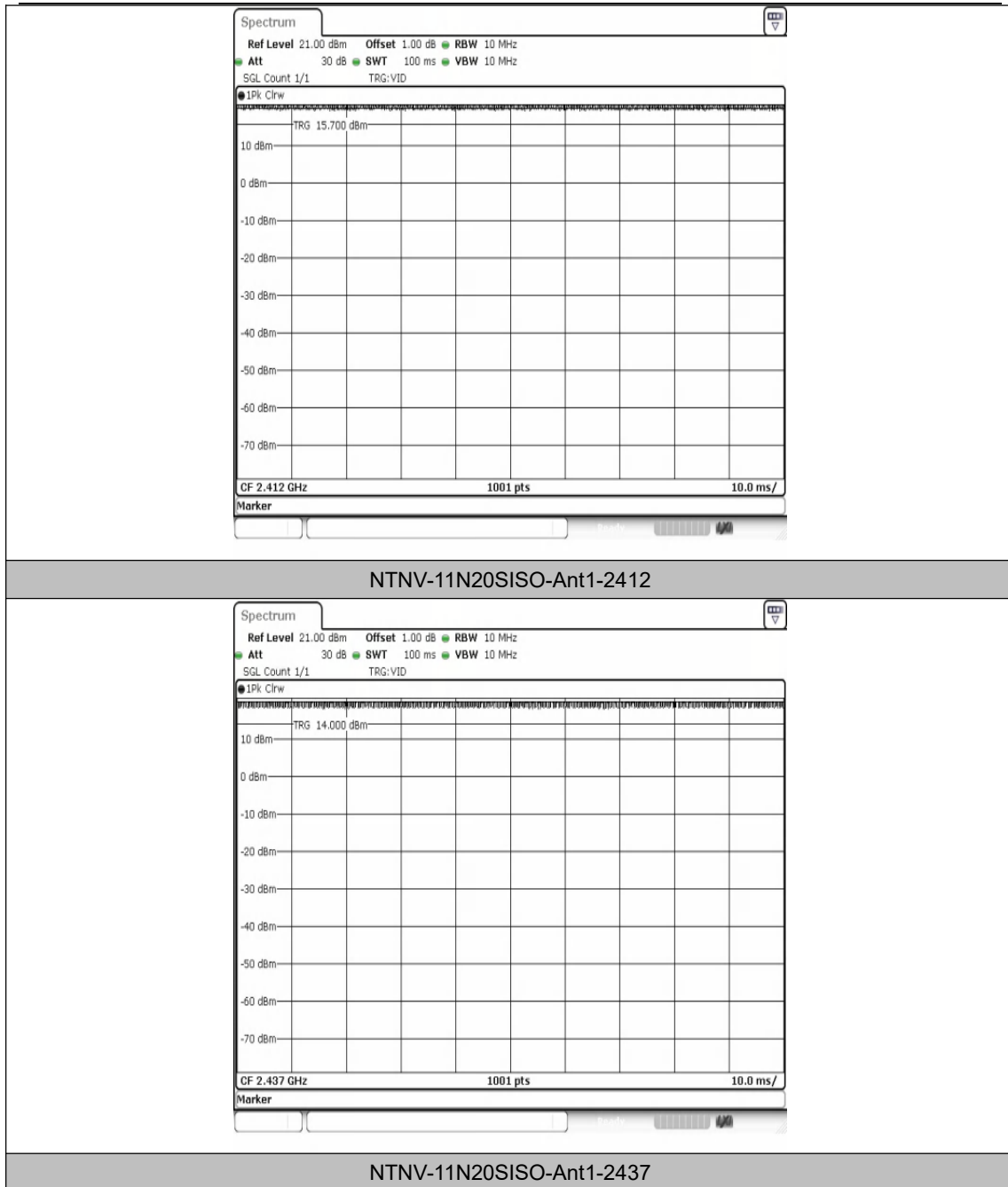
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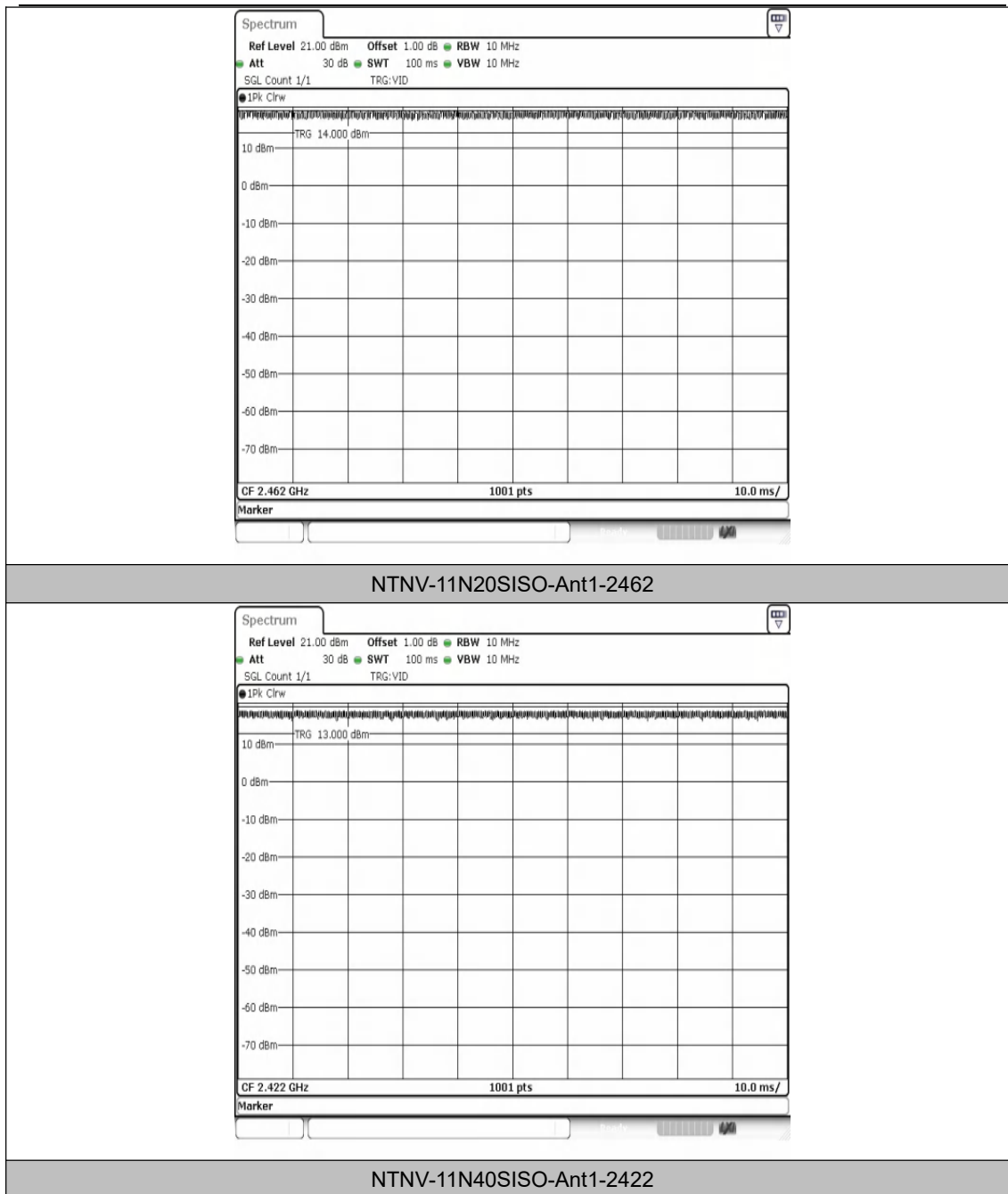
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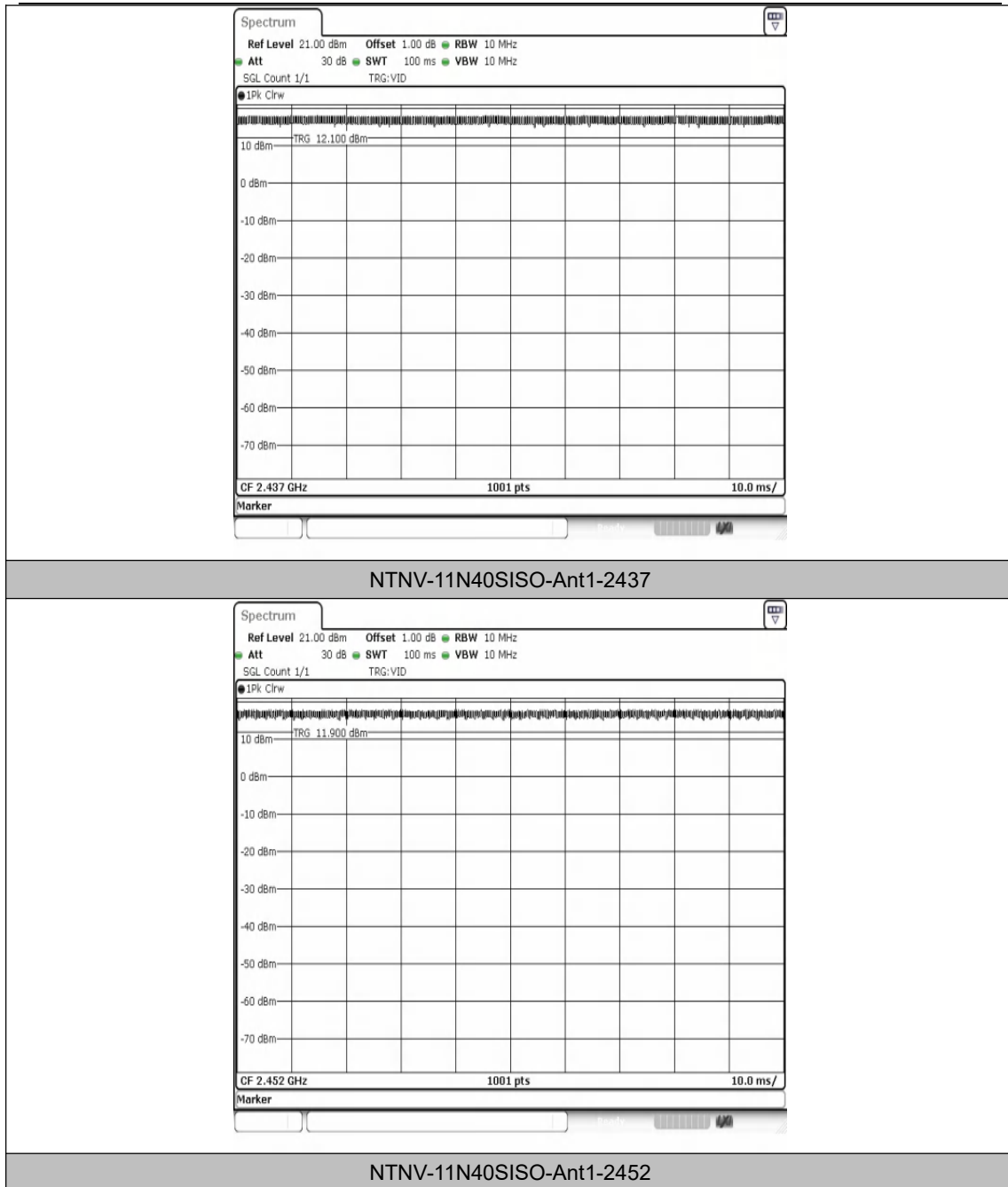
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