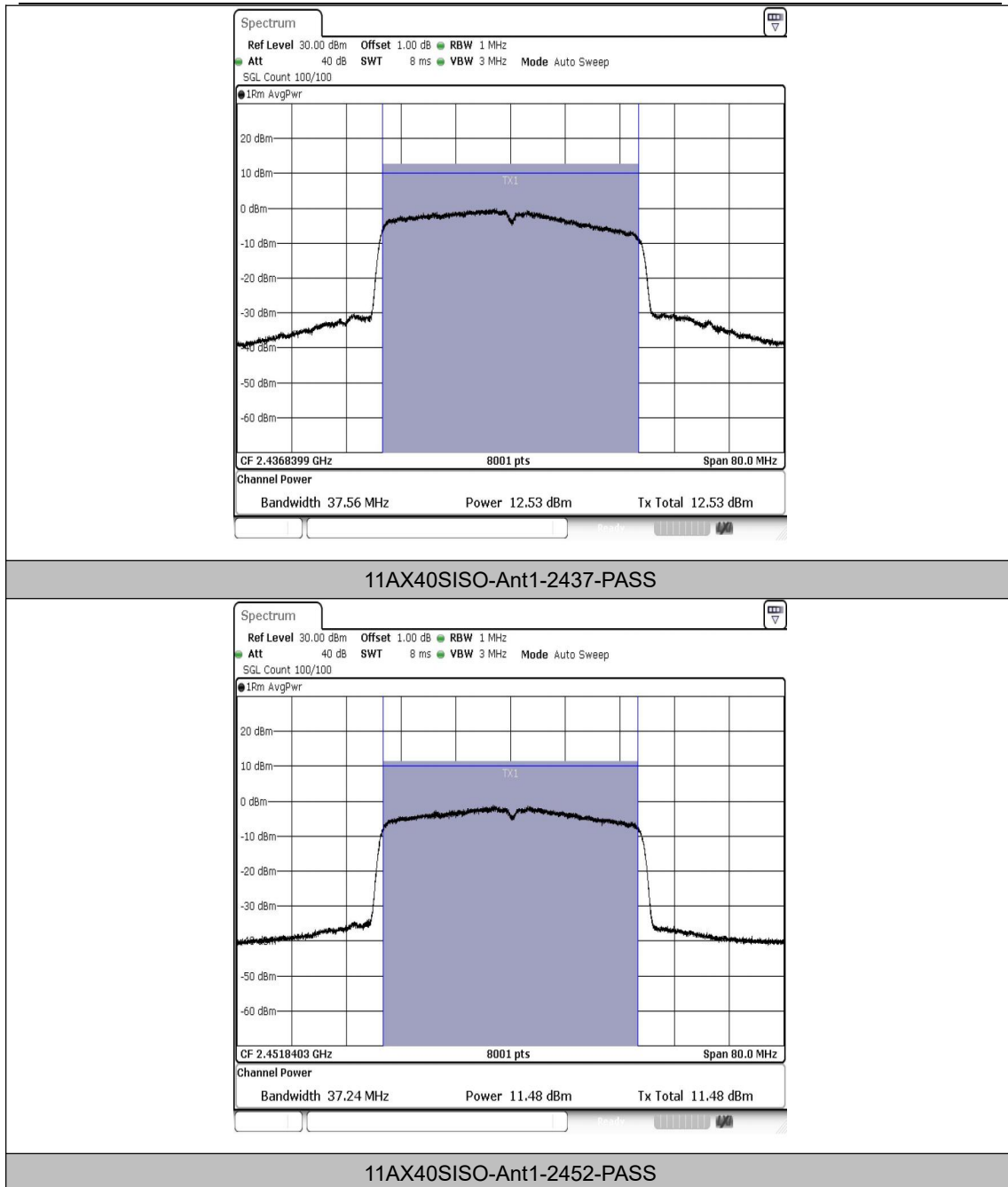




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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.12	0.00	-16.12	≤8.00	PASS
11B	Ant1	2437	-17	0.00	-17.00	≤8.00	PASS
11B	Ant1	2462	-19.14	0.00	-19.14	≤8.00	PASS
11G	Ant1	2412	-14.44	0.00	-14.44	≤8.00	PASS
11G	Ant1	2437	-15.66	0.00	-15.66	≤8.00	PASS
11G	Ant1	2462	-16.53	0.00	-16.53	≤8.00	PASS
11N20SISO	Ant1	2412	-12.91	0.00	-12.91	≤8.00	PASS
11N20SISO	Ant1	2437	-14.3	0.00	-14.30	≤8.00	PASS
11N20SISO	Ant1	2462	-14.91	0.00	-14.91	≤8.00	PASS
11N40SISO	Ant1	2422	-15.19	0.00	-15.19	≤8.00	PASS
11N40SISO	Ant1	2437	-15.97	0.00	-15.97	≤8.00	PASS
11N40SISO	Ant1	2452	-16.5	0.00	-16.50	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.06	0.00	-13.06	≤8.00	PASS
11AX20SISO	Ant1	2437	-14.24	0.00	-14.24	≤8.00	PASS
11AX20SISO	Ant1	2462	-15.68	0.00	-15.68	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.04	0.00	-16.04	≤8.00	PASS
11AX40SISO	Ant1	2437	-16.09	0.00	-16.09	≤8.00	PASS
11AX40SISO	Ant1	2452	-17.49	0.00	-17.49	≤8.00	PASS

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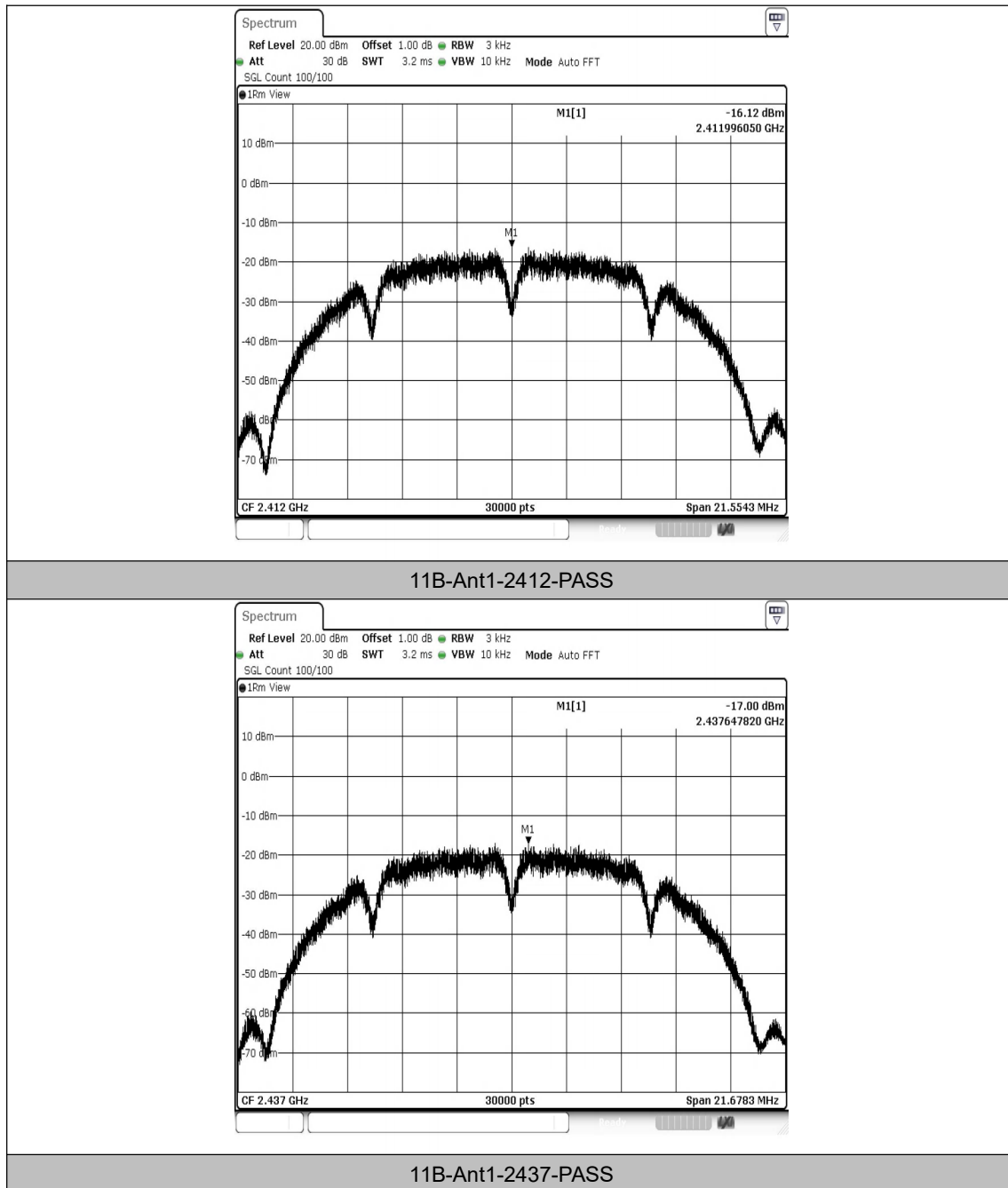
Note: 1. The cable loss are compensated in the graph.

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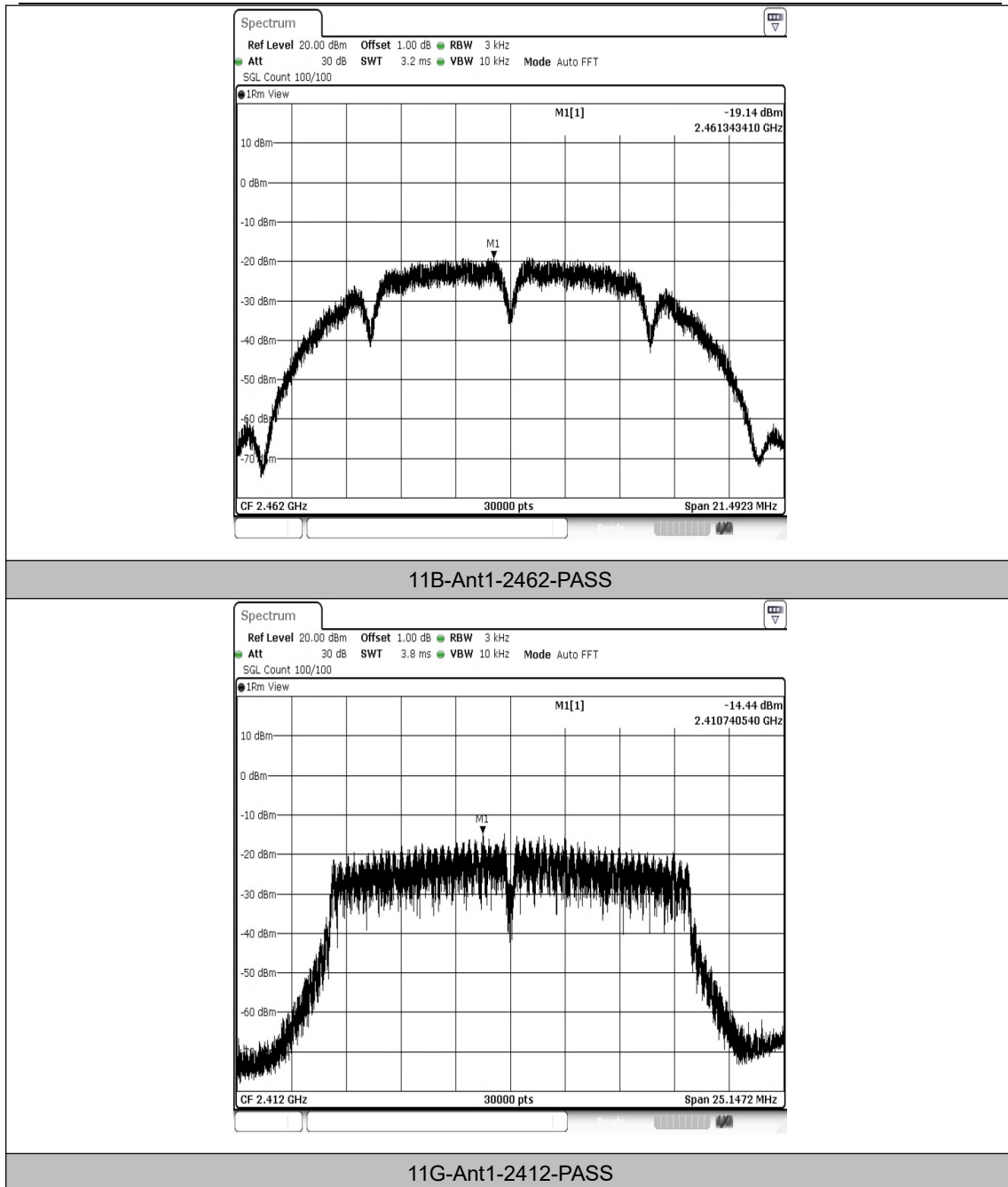
Test Graphs



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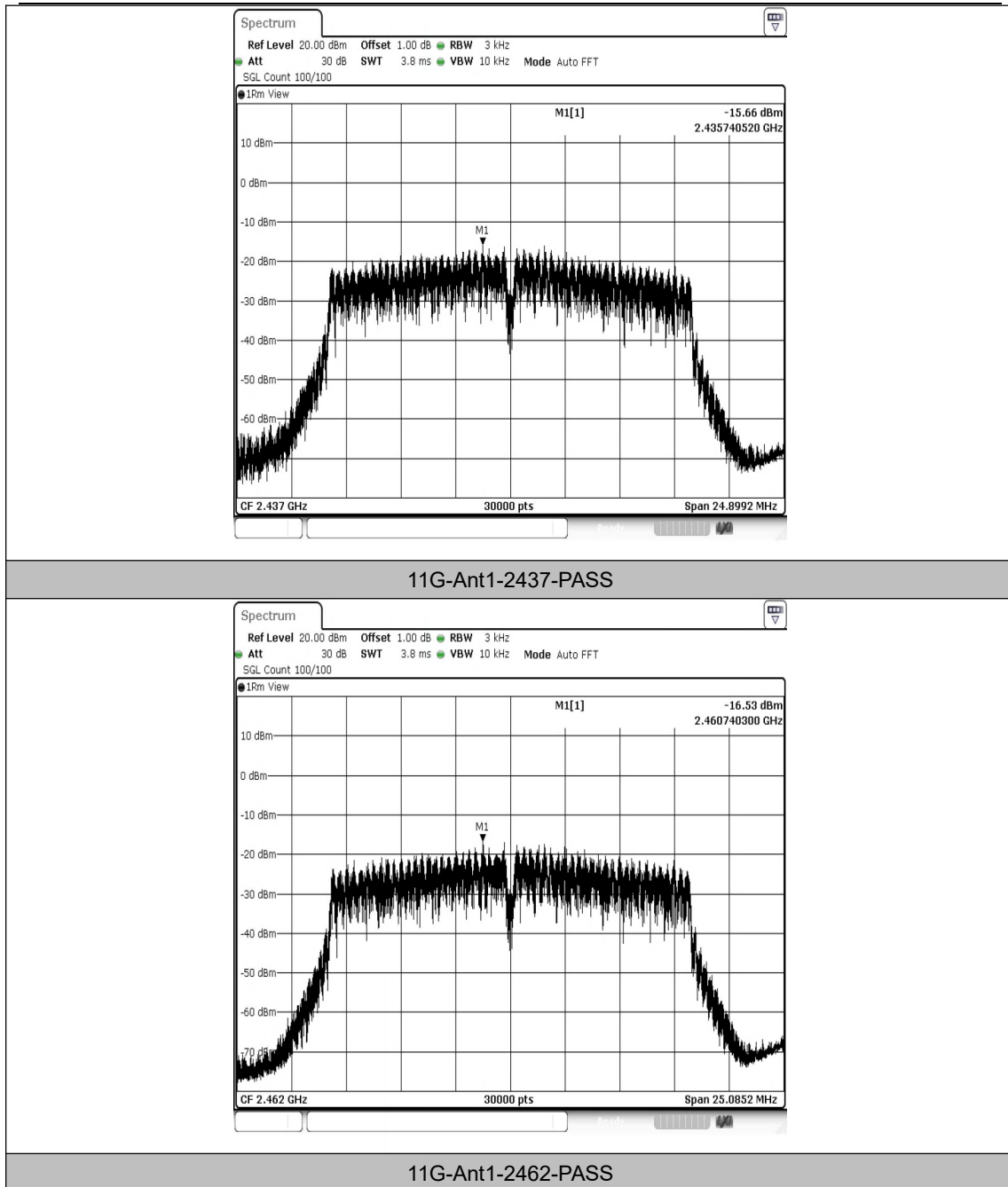
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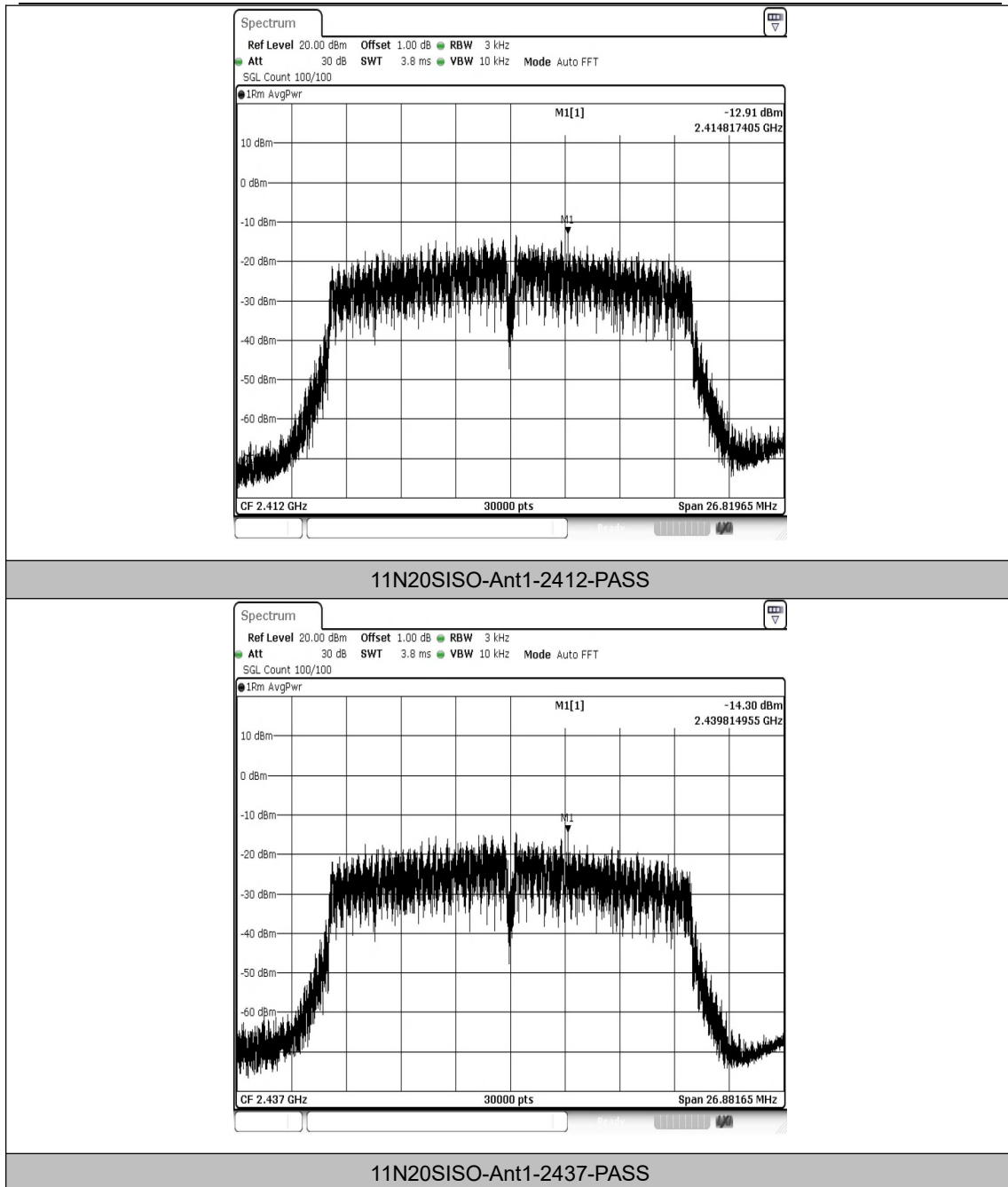
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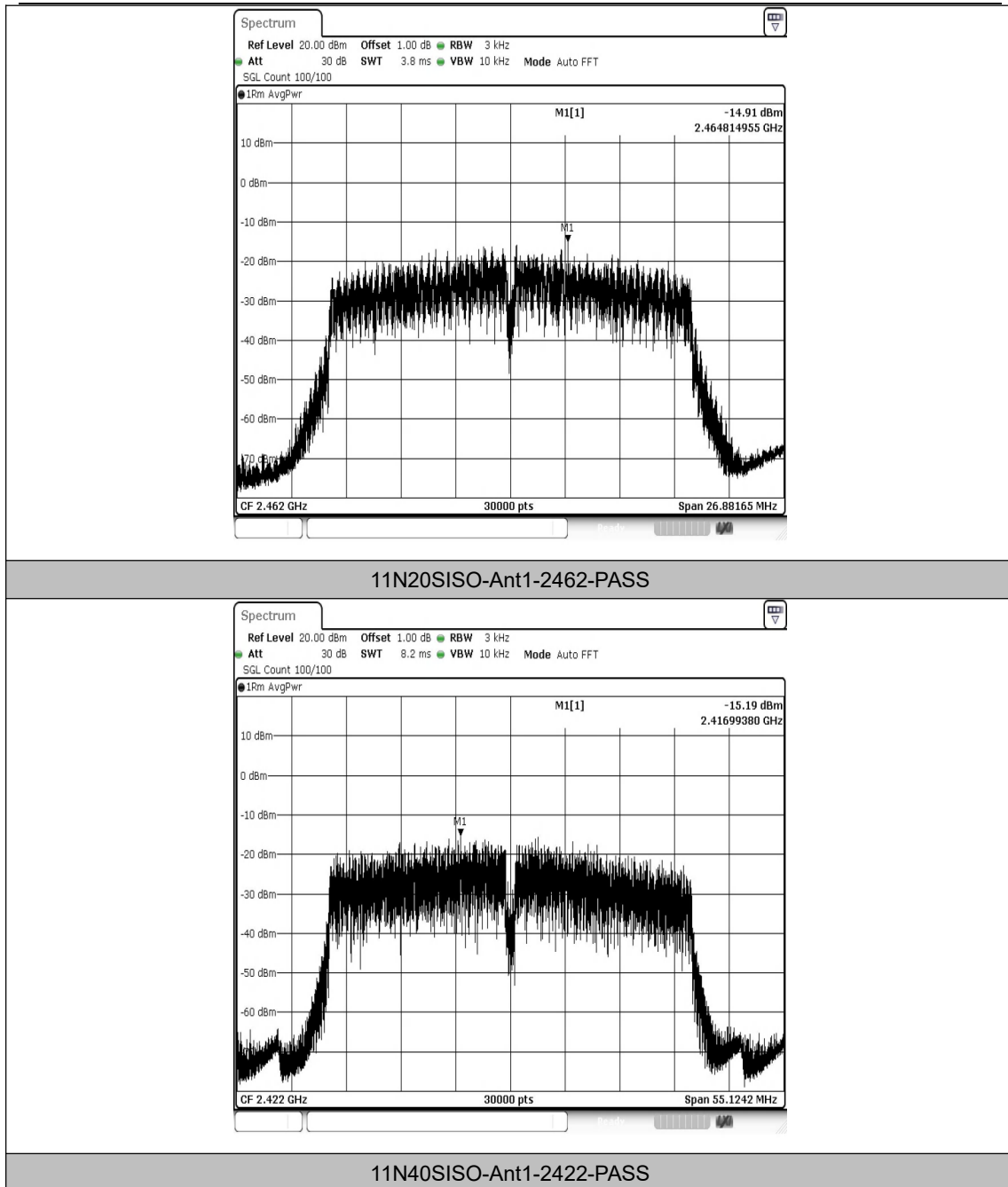
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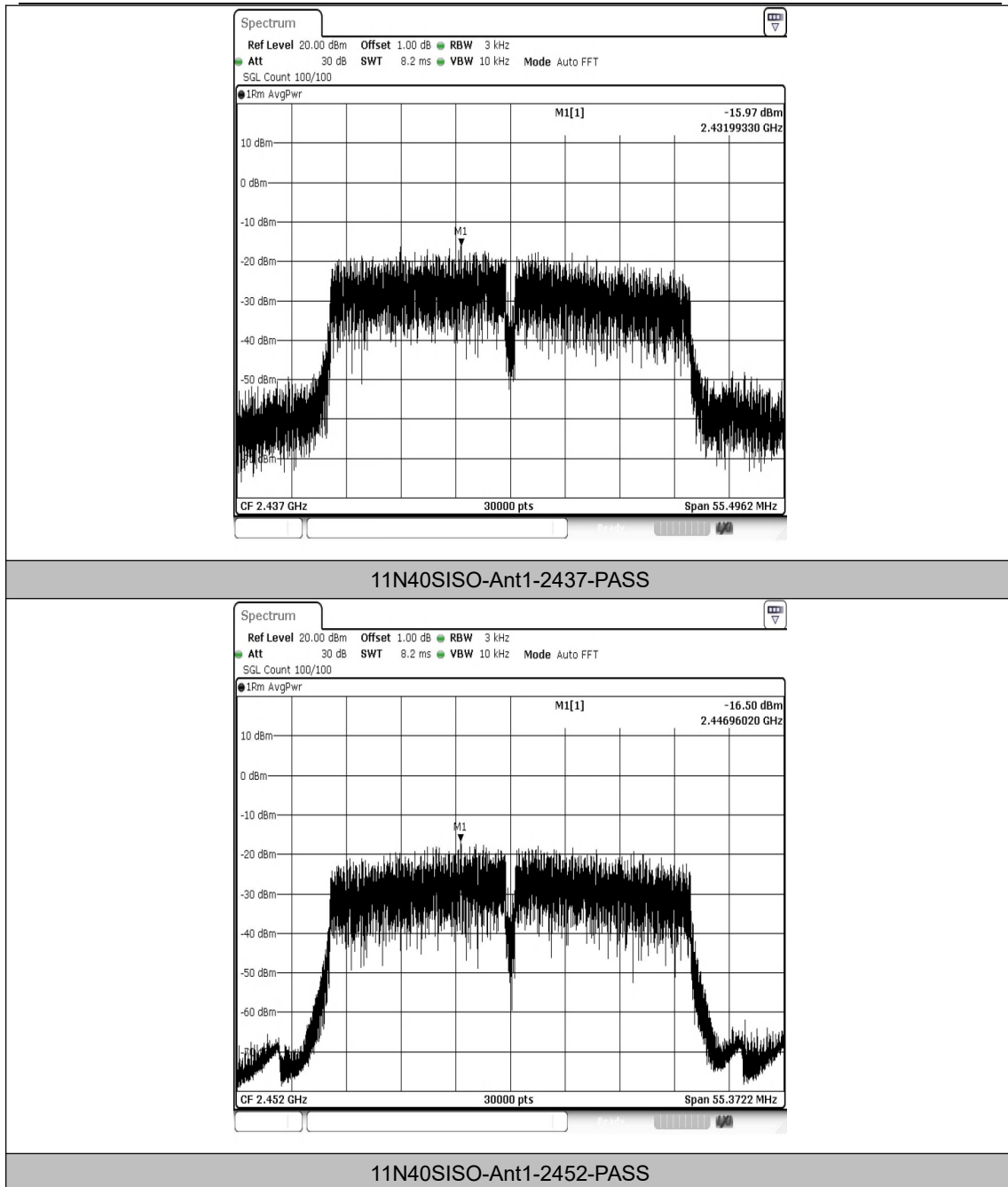
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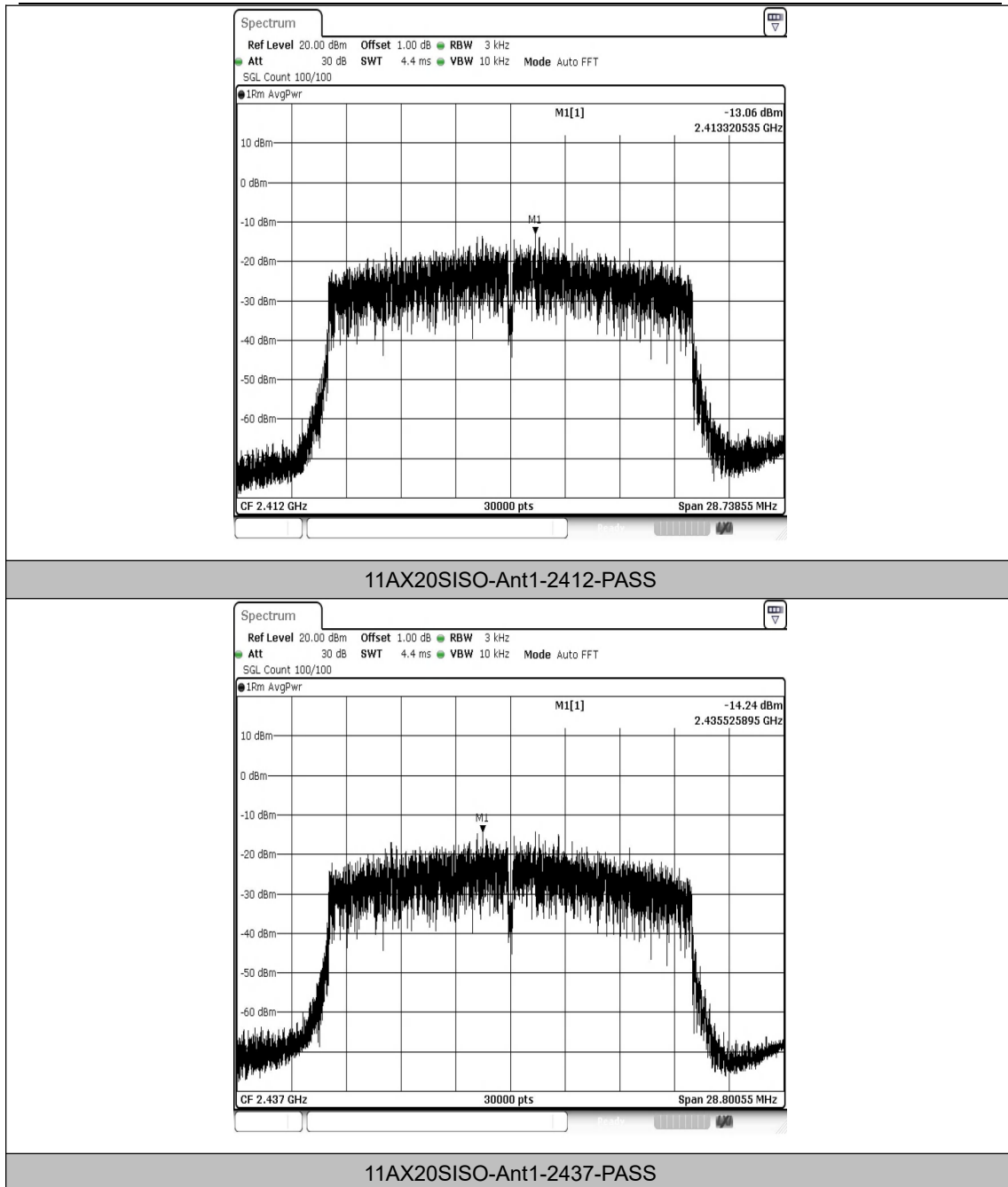
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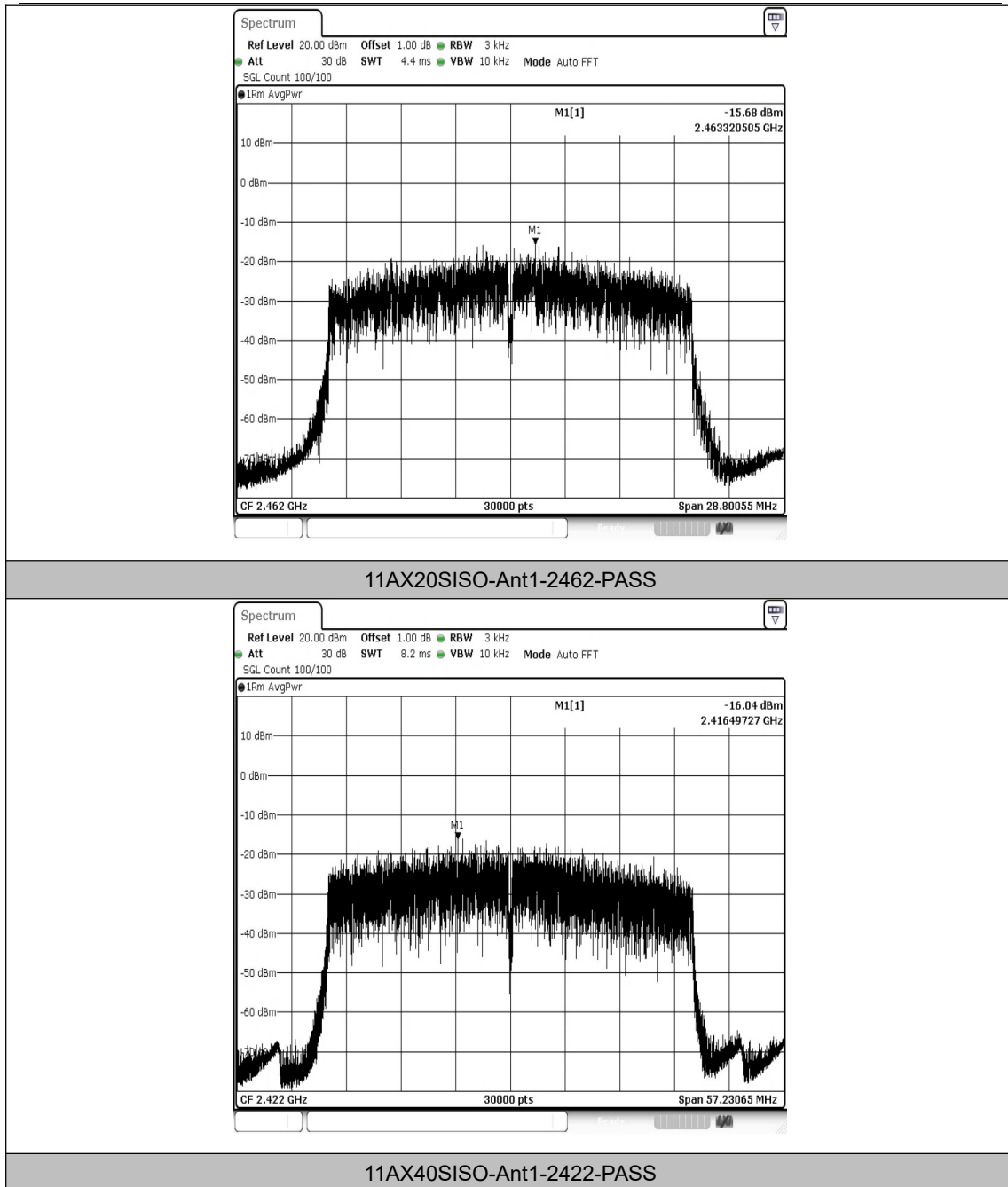
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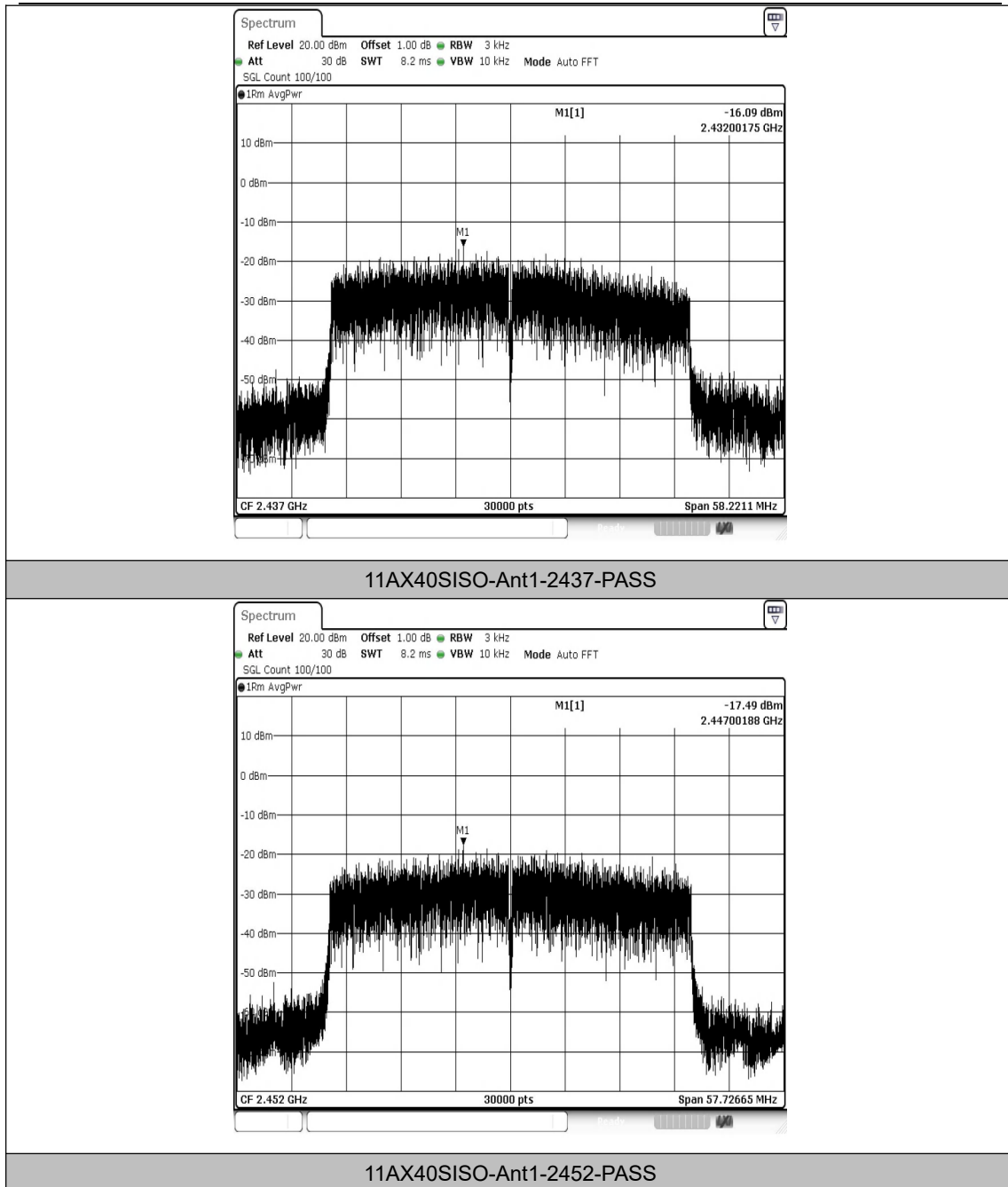
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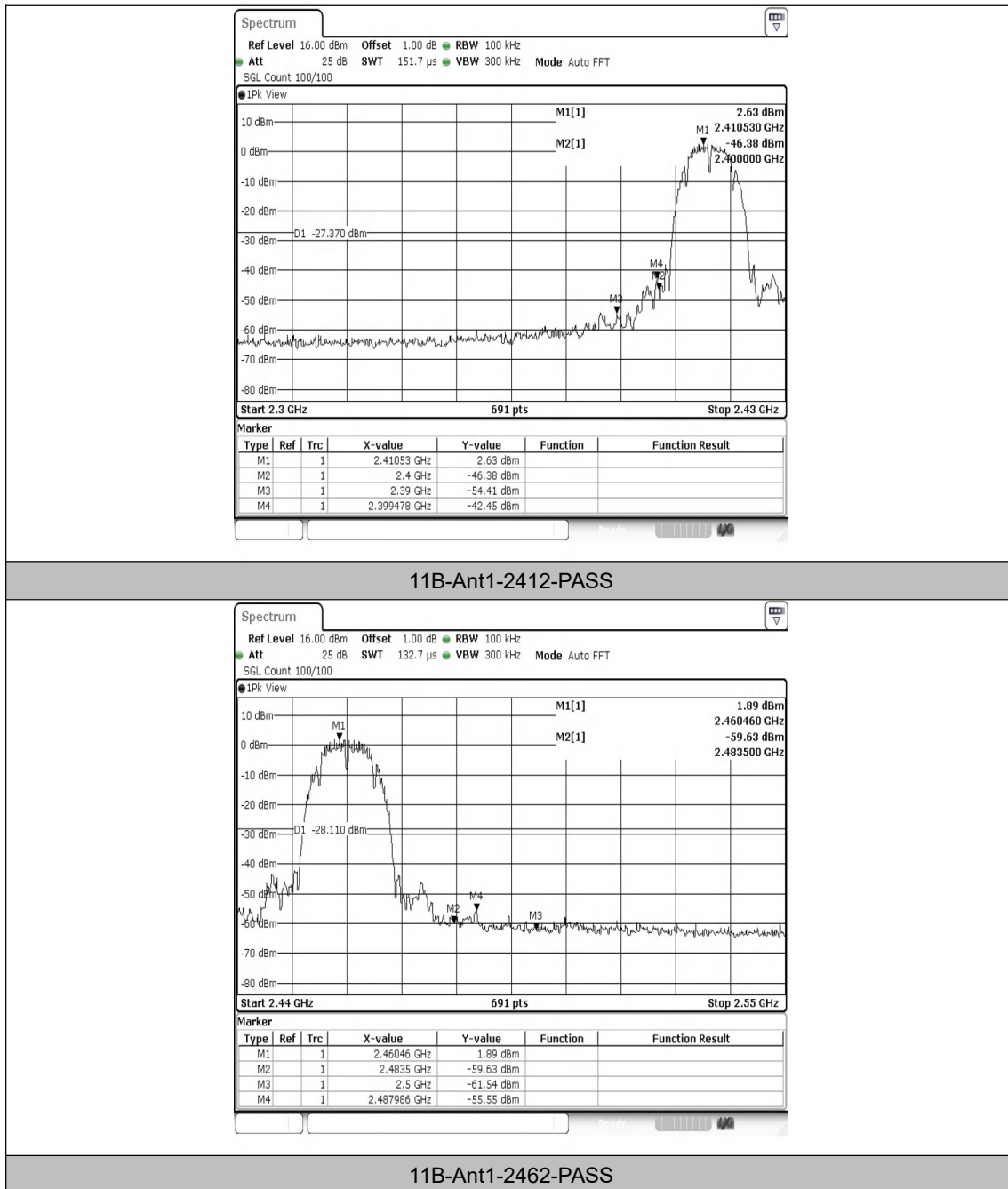
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.63	-42.45	≤-27.37	PASS
11B	Ant1	High	2462	1.89	-55.55	≤-28.11	PASS
11G	Ant1	Low	2412	3.82	-49.23	≤-26.18	PASS
11G	Ant1	High	2462	1.86	-53.49	≤-28.14	PASS
11N20SISO	Ant1	Low	2412	1.91	-47.37	≤-28.09	PASS
11N20SISO	Ant1	High	2462	-0.51	-55.29	≤-30.51	PASS
11N40SISO	Ant1	Low	2422	2.40	-43.98	≤-27.6	PASS
11N40SISO	Ant1	High	2452	0.26	-46.44	≤-29.74	PASS
11AX20SISO	Ant1	Low	2412	3.36	-47.18	≤-26.64	PASS
11AX20SISO	Ant1	High	2462	1.07	-53.62	≤-28.93	PASS
11AX40SISO	Ant1	Low	2422	1.17	-46.17	≤-28.83	PASS
11AX40SISO	Ant1	High	2452	-1.13	-46.45	≤-31.13	PASS

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

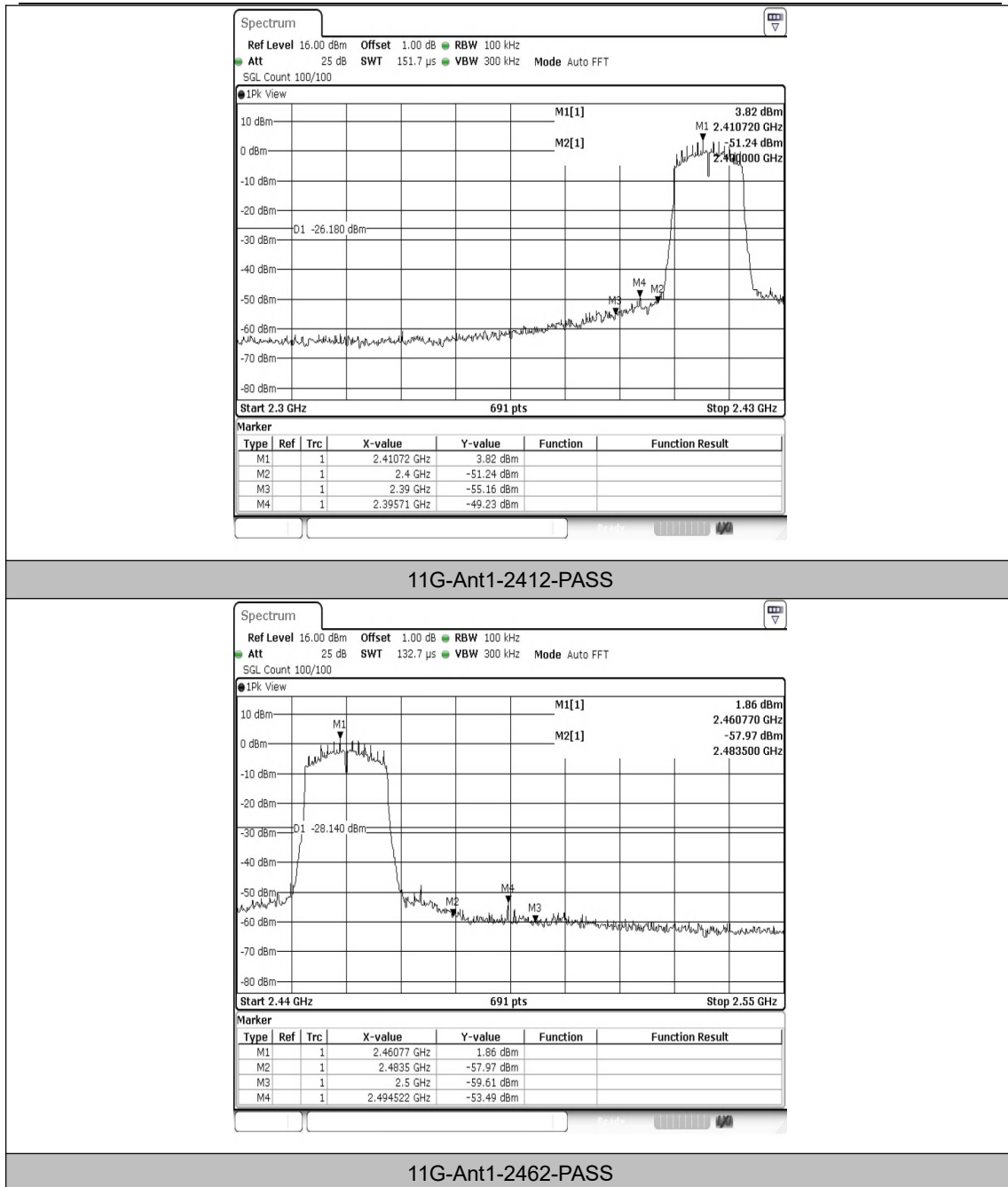
Test Graphs



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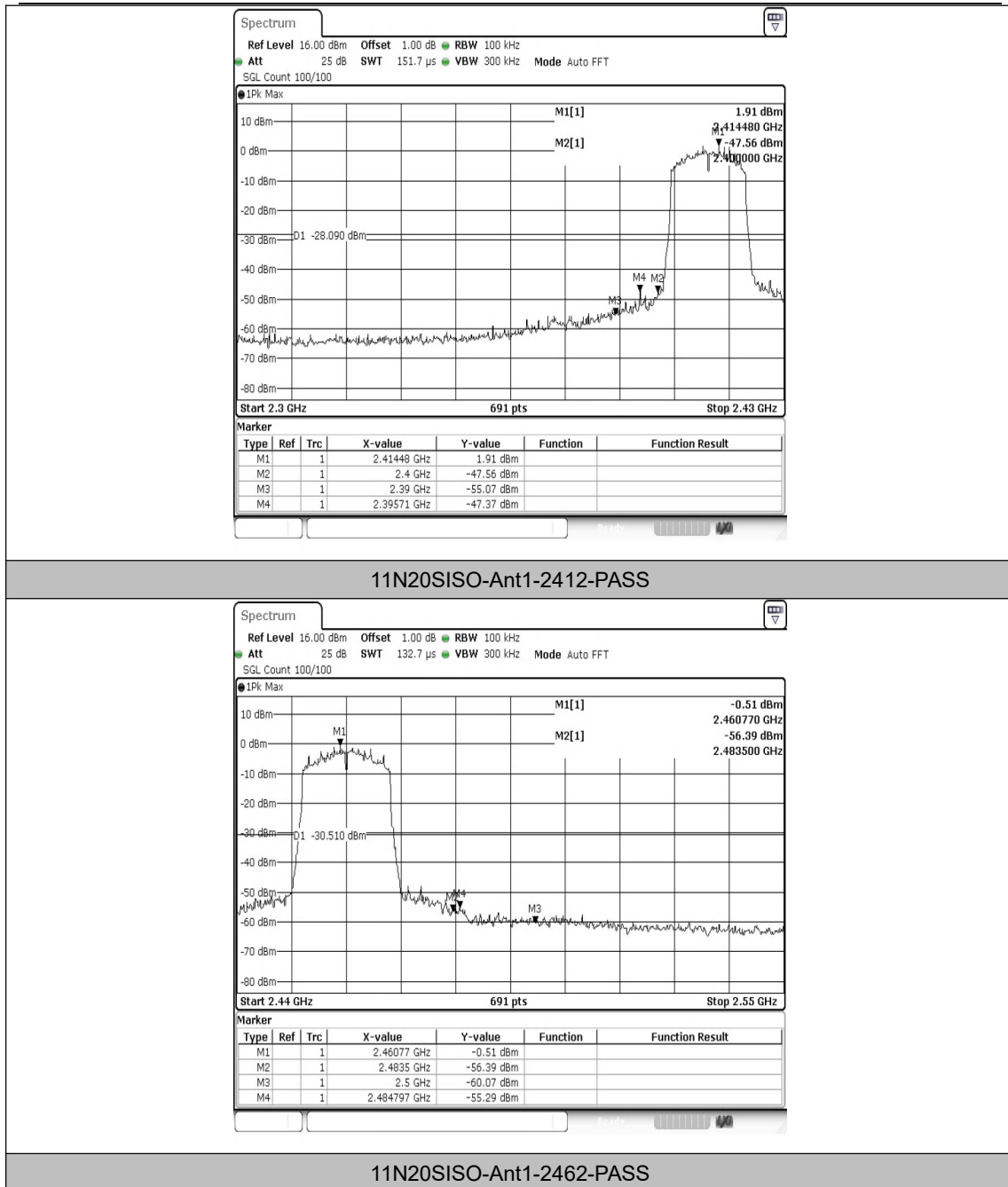
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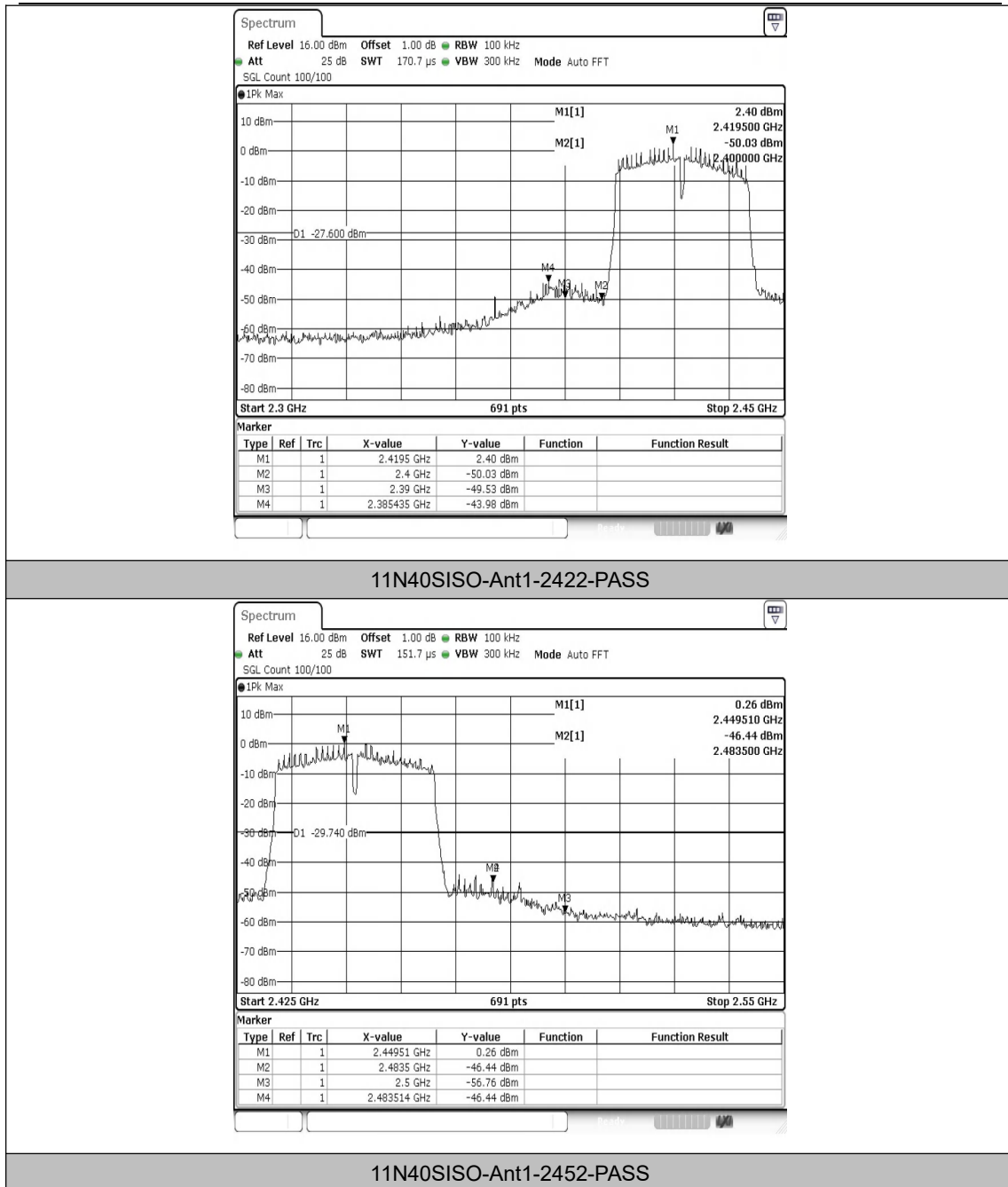
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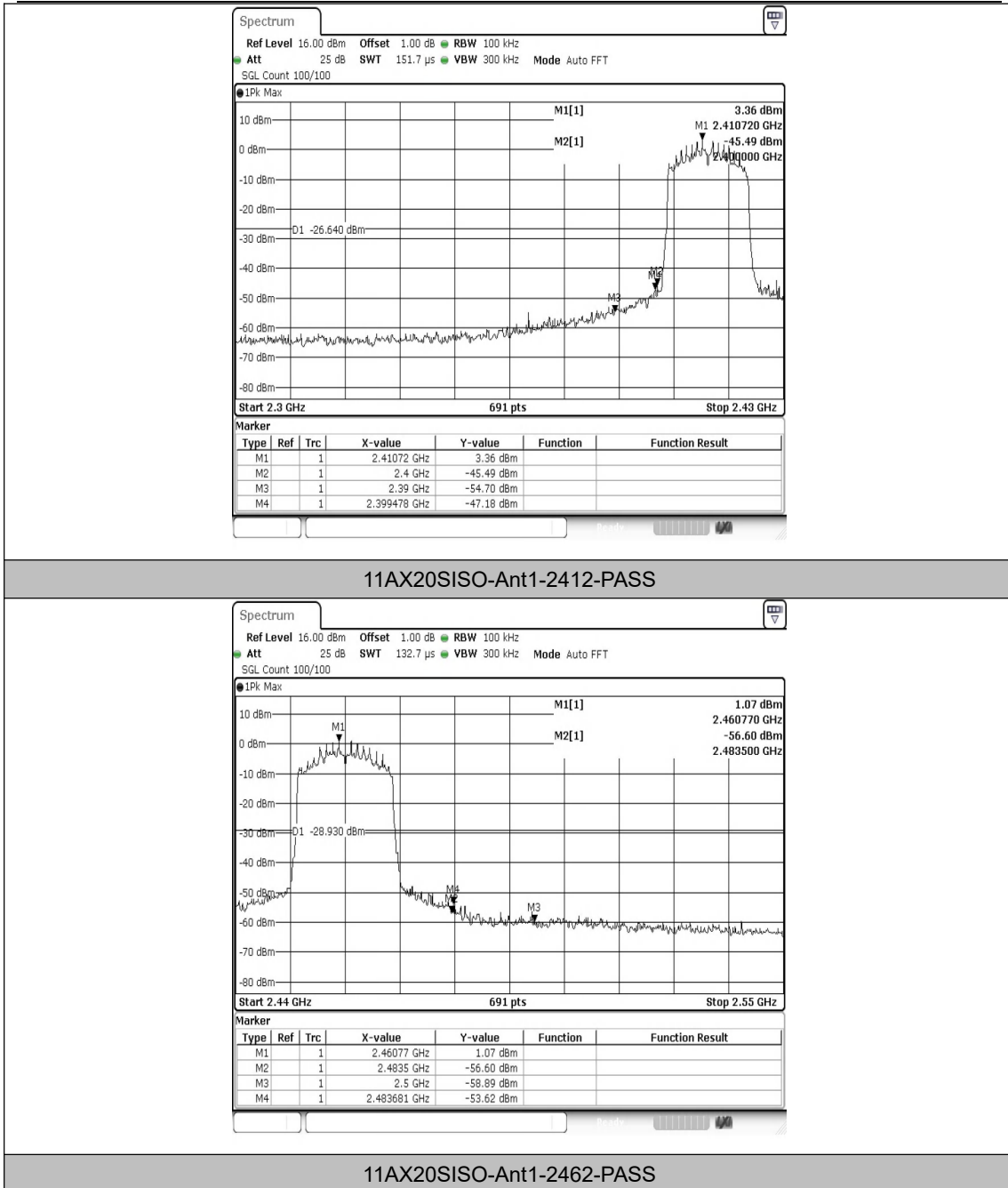


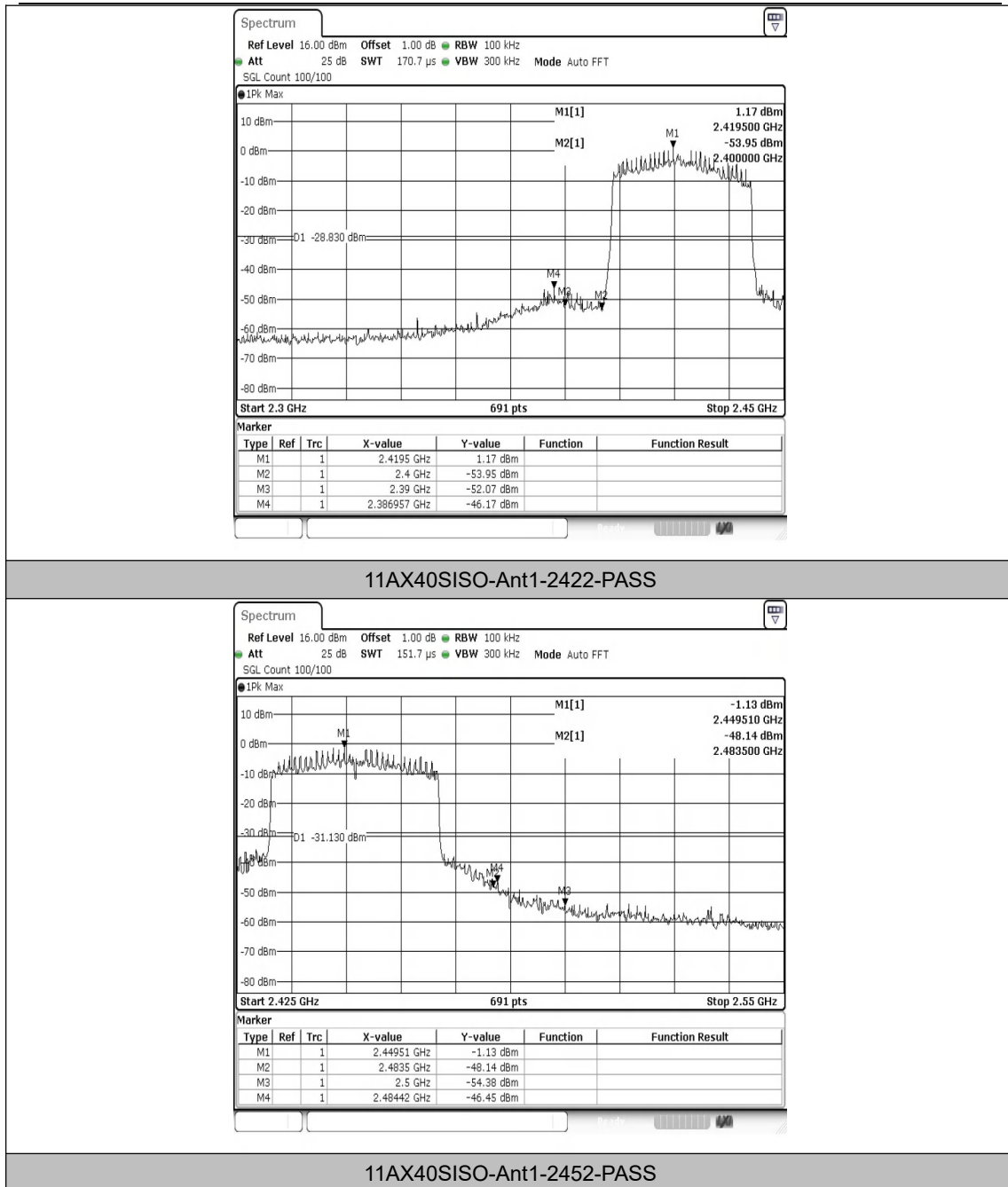
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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.16	3.16	---	PASS
11B	Ant1	2412	30~1000	3.16	-68.55	≤-26.84	PASS
11B	Ant1	2412	1000~26500	3.16	-51.79	≤-26.84	PASS
11B	Ant1	2437	0~Reference	2.61	2.61	---	PASS
11B	Ant1	2437	30~1000	2.61	-69.33	≤-27.39	PASS
11B	Ant1	2437	1000~26500	2.61	-52.94	≤-27.39	PASS
11B	Ant1	2462	0~Reference	1.53	1.53	---	PASS
11B	Ant1	2462	30~1000	1.53	-69.03	≤-28.47	PASS
11B	Ant1	2462	1000~26500	1.53	-47.96	≤-28.47	PASS
11G	Ant1	2412	0~Reference	3.55	3.55	---	PASS
11G	Ant1	2412	30~1000	3.55	-68.43	≤-26.45	PASS
11G	Ant1	2412	1000~26500	3.55	-54.58	≤-26.45	PASS
11G	Ant1	2437	0~Reference	2.38	2.38	---	PASS
11G	Ant1	2437	30~1000	2.38	-68.9	≤-27.62	PASS
11G	Ant1	2437	1000~26500	2.38	-52.95	≤-27.62	PASS
11G	Ant1	2462	0~Reference	1.24	1.24	---	PASS
11G	Ant1	2462	30~1000	1.24	-68.46	≤-28.76	PASS
11G	Ant1	2462	1000~26500	1.24	-53.76	≤-28.76	PASS
11N20SISO	Ant1	2412	0~Reference	2.99	2.99	---	PASS
11N20SISO	Ant1	2412	30~1000	2.99	-68.34	≤-27.01	PASS
11N20SISO	Ant1	2412	1000~26500	2.99	-54.85	≤-27.01	PASS
11N20SISO	Ant1	2437	0~Reference	3.29	3.29	---	PASS
11N20SISO	Ant1	2437	30~1000	3.29	-68.27	≤-26.71	PASS
11N20SISO	Ant1	2437	1000~26500	3.29	-54.79	≤-26.71	PASS
11N20SISO	Ant1	2462	0~Reference	1.88	1.88	---	PASS
11N20SISO	Ant1	2462	30~1000	1.88	-68.62	≤-28.12	PASS
11N20SISO	Ant1	2462	1000~26500	1.88	-54.62	≤-28.12	PASS
11N40SISO	Ant1	2422	0~Reference	1.86	1.86	---	PASS
11N40SISO	Ant1	2422	30~1000	1.86	-68.7	≤-28.14	PASS
11N40SISO	Ant1	2422	1000~26500	1.86	-51.07	≤-28.14	PASS
11N40SISO	Ant1	2437	0~Reference	1.57	1.57	---	PASS
11N40SISO	Ant1	2437	30~1000	1.57	-68.55	≤-28.43	PASS
11N40SISO	Ant1	2437	1000~26500	1.57	-55.01	≤-28.43	PASS
11N40SISO	Ant1	2452	0~Reference	0.71	0.71	---	PASS
11N40SISO	Ant1	2452	30~1000	0.71	-68.97	≤-29.29	PASS
11N40SISO	Ant1	2452	1000~26500	0.71	-53.92	≤-29.29	PASS

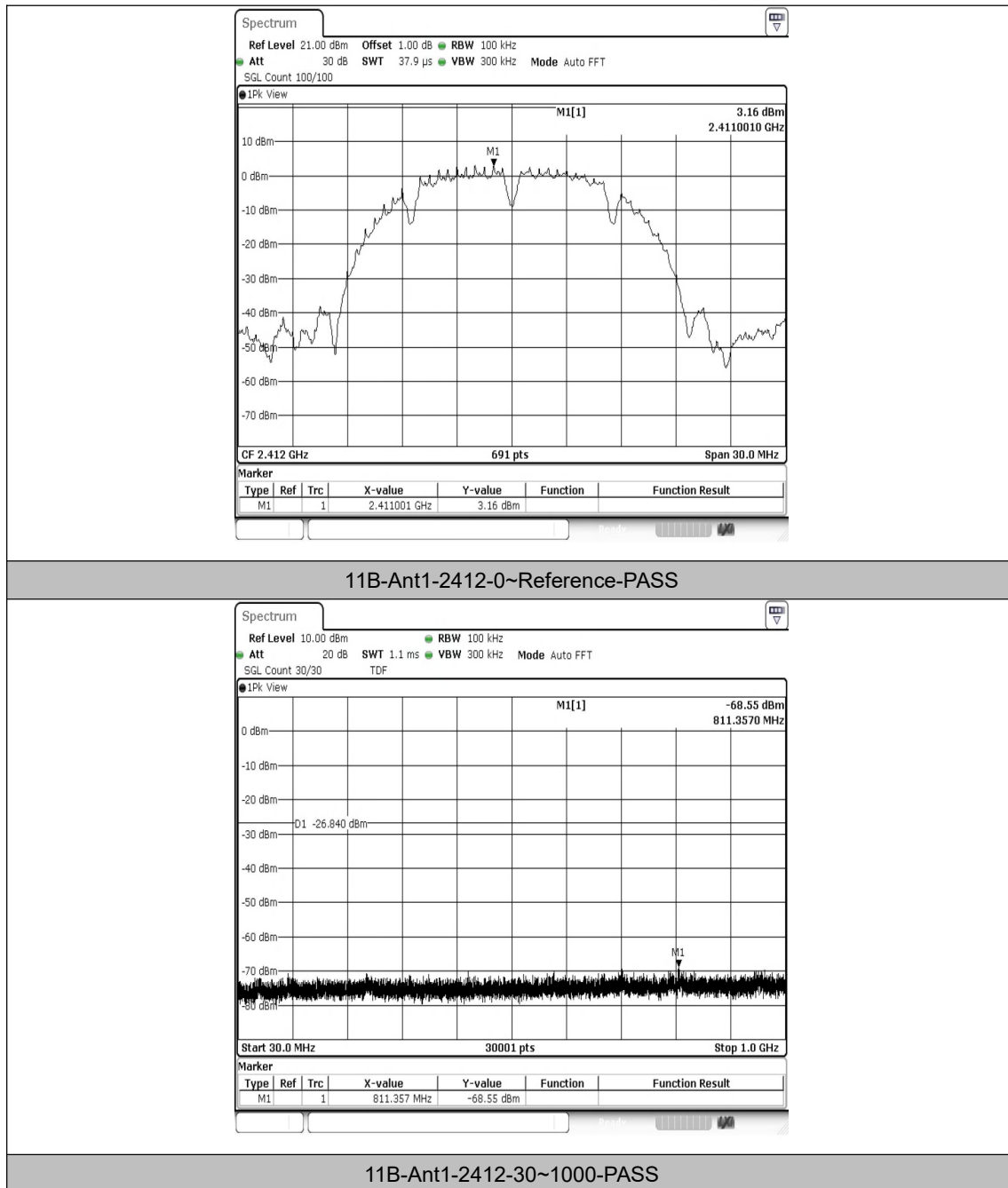
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11AX20SISO	Ant1	2412	0~Reference	3.21	3.21	---	PASS
11AX20SISO	Ant1	2412	30~1000	3.21	-66.91	≤-26.79	PASS
11AX20SISO	Ant1	2412	1000~26500	3.21	-48.88	≤-26.79	PASS
11AX20SISO	Ant1	2437	0~Reference	2.58	2.58	---	PASS
11AX20SISO	Ant1	2437	30~1000	2.58	-68.72	≤-27.42	PASS
11AX20SISO	Ant1	2437	1000~26500	2.58	-51.15	≤-27.42	PASS
11AX20SISO	Ant1	2462	0~Reference	1.05	1.05	---	PASS
11AX20SISO	Ant1	2462	30~1000	1.05	-68.35	≤-28.95	PASS
11AX20SISO	Ant1	2462	1000~26500	1.05	-50.3	≤-28.95	PASS
11AX40SISO	Ant1	2422	0~Reference	1.16	1.16	---	PASS
11AX40SISO	Ant1	2422	30~1000	1.16	-68.58	≤-28.84	PASS
11AX40SISO	Ant1	2422	1000~26500	1.16	-53.36	≤-28.84	PASS
11AX40SISO	Ant1	2437	0~Reference	0.29	0.29	---	PASS
11AX40SISO	Ant1	2437	30~1000	0.29	-69.05	≤-29.71	PASS
11AX40SISO	Ant1	2437	1000~26500	0.29	-52.84	≤-29.71	PASS
11AX40SISO	Ant1	2452	0~Reference	-1.28	-1.28	---	PASS
11AX40SISO	Ant1	2452	30~1000	-1.28	-69.57	≤-31.28	PASS
11AX40SISO	Ant1	2452	1000~26500	-1.28	-54.19	≤-31.28	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.

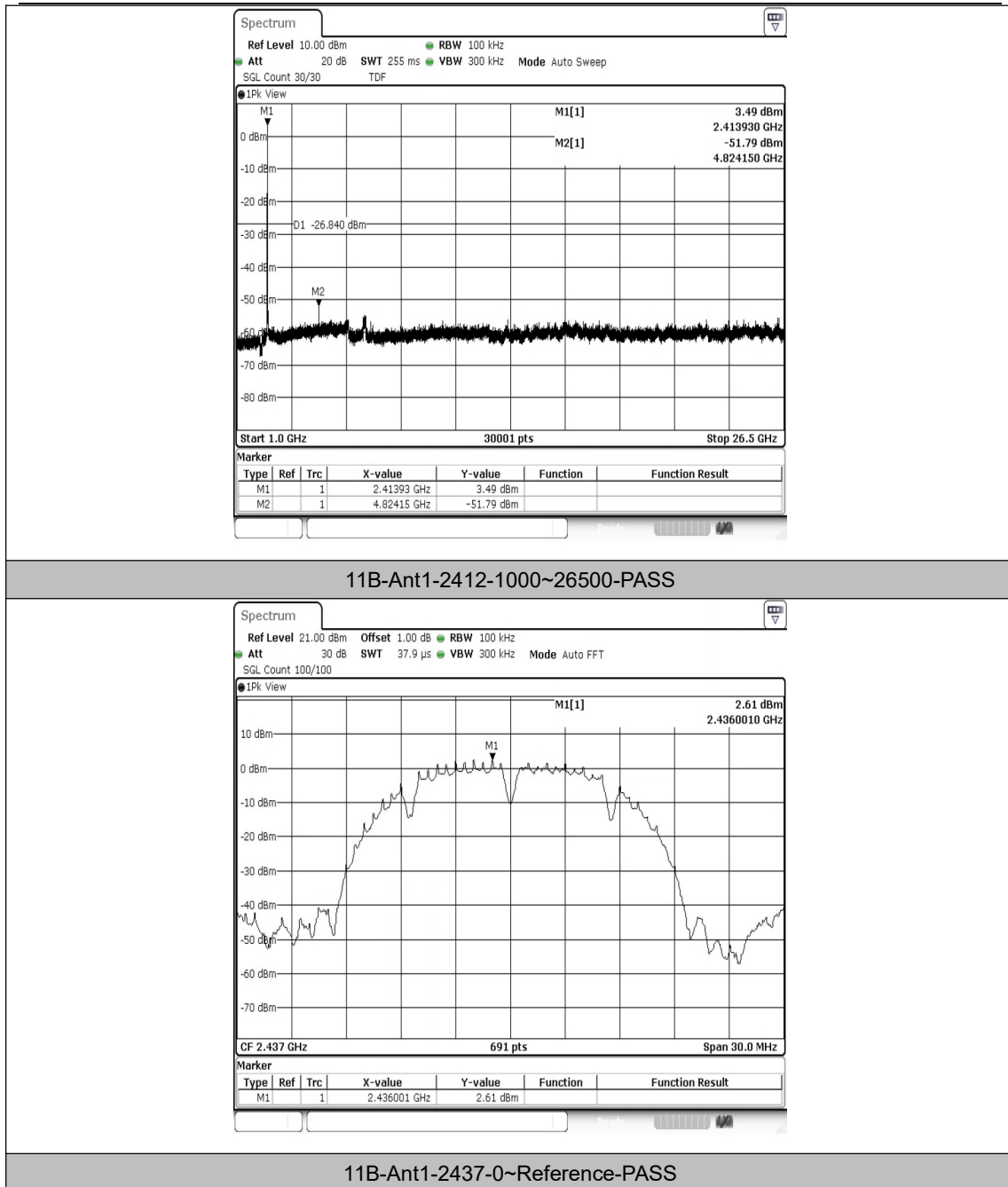
Test Graphs



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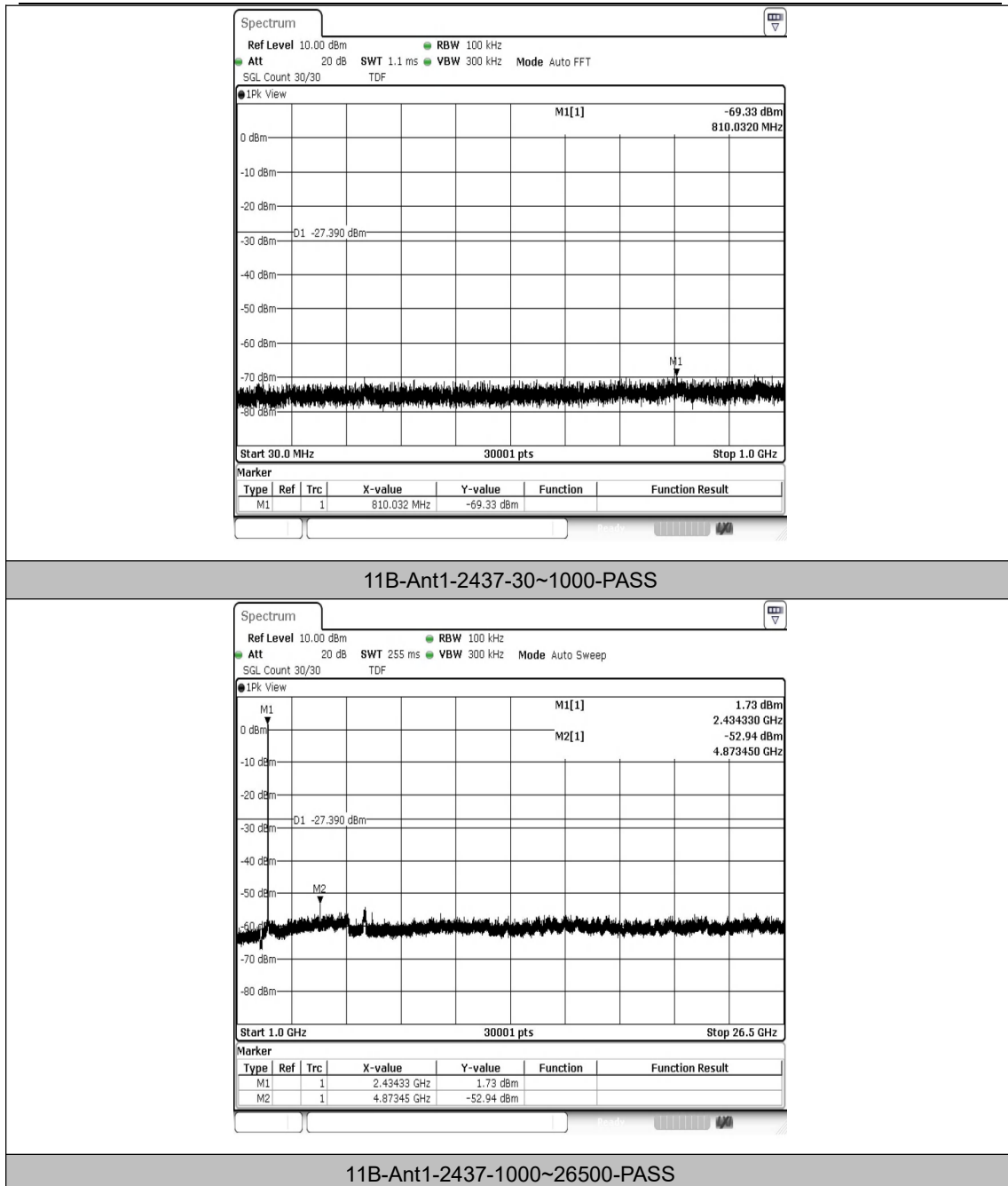
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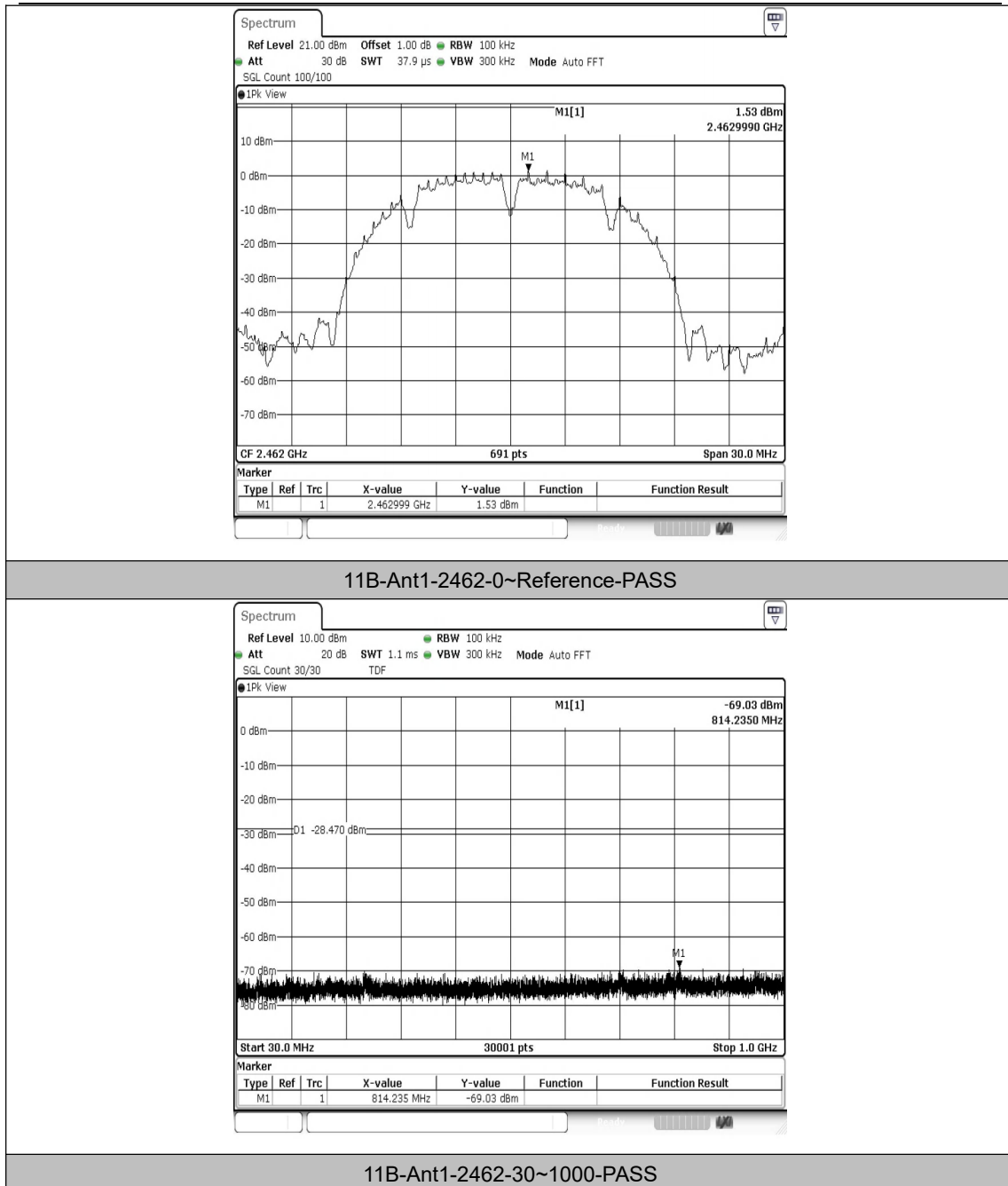


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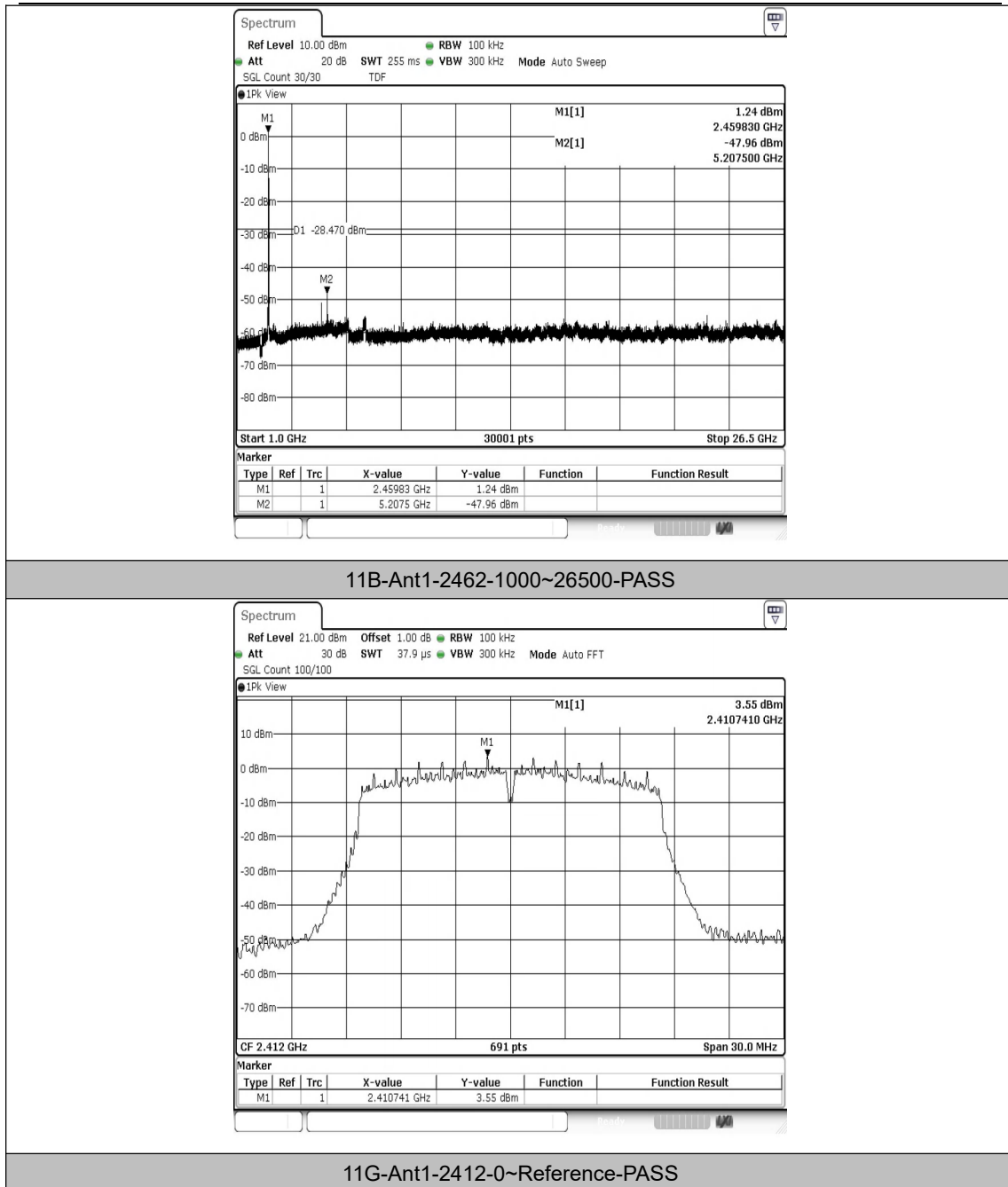




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