

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	-13.93	0.03	-13.90	≤8.00	PASS
11B	Ant1	2437	-12.71	0.03	-12.68	≤8.00	PASS
11B	Ant1	2462	-12.59	0.03	-12.56	≤8.00	PASS
11G	Ant1	2412	-17.09	0.00	-17.09	≤8.00	PASS
11G	Ant1	2437	-16.29	0.00	-16.29	≤8.00	PASS
11G	Ant1	2462	-15.93	0.00	-15.93	≤8.00	PASS
11N20SISO	Ant1	2412	-18.96	0.00	-18.96	≤8.00	PASS
11N20SISO	Ant1	2437	-18.79	0.00	-18.79	≤8.00	PASS
11N20SISO	Ant1	2462	-17.76	0.00	-17.76	≤8.00	PASS
11N40SISO	Ant1	2422	-21.41	0.00	-21.41	≤8.00	PASS
11N40SISO	Ant1	2437	-21.11	0.00	-21.11	≤8.00	PASS
11N40SISO	Ant1	2452	-20.02	0.00	-20.02	≤8.00	PASS
11AX20SISO	Ant1	2412	-19.97	0.00	-19.97	≤8.00	PASS
11AX20SISO	Ant1	2437	-19.43	0.00	-19.43	≤8.00	PASS
11AX20SISO	Ant1	2462	-18.77	0.00	-18.77	≤8.00	PASS
11AX40SISO	Ant1	2422	-22.38	0.00	-22.38	≤8.00	PASS
11AX40SISO	Ant1	2437	-22.44	0.00	-22.44	≤8.00	PASS
11AX40SISO	Ant1	2452	-20.94	0.00	-20.94	≤8.00	PASS

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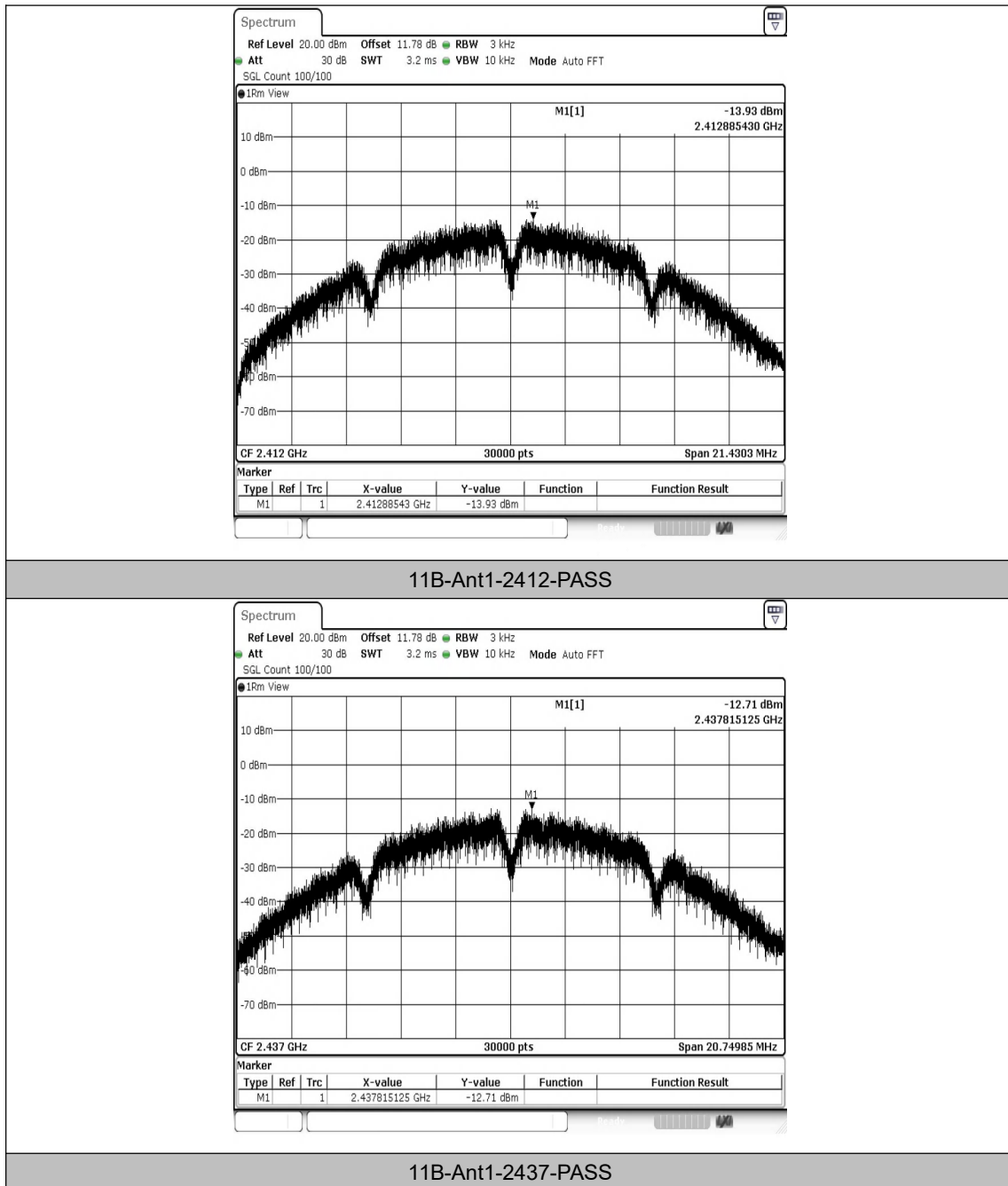
Note: 1. The cable loss are compensated in the graph.

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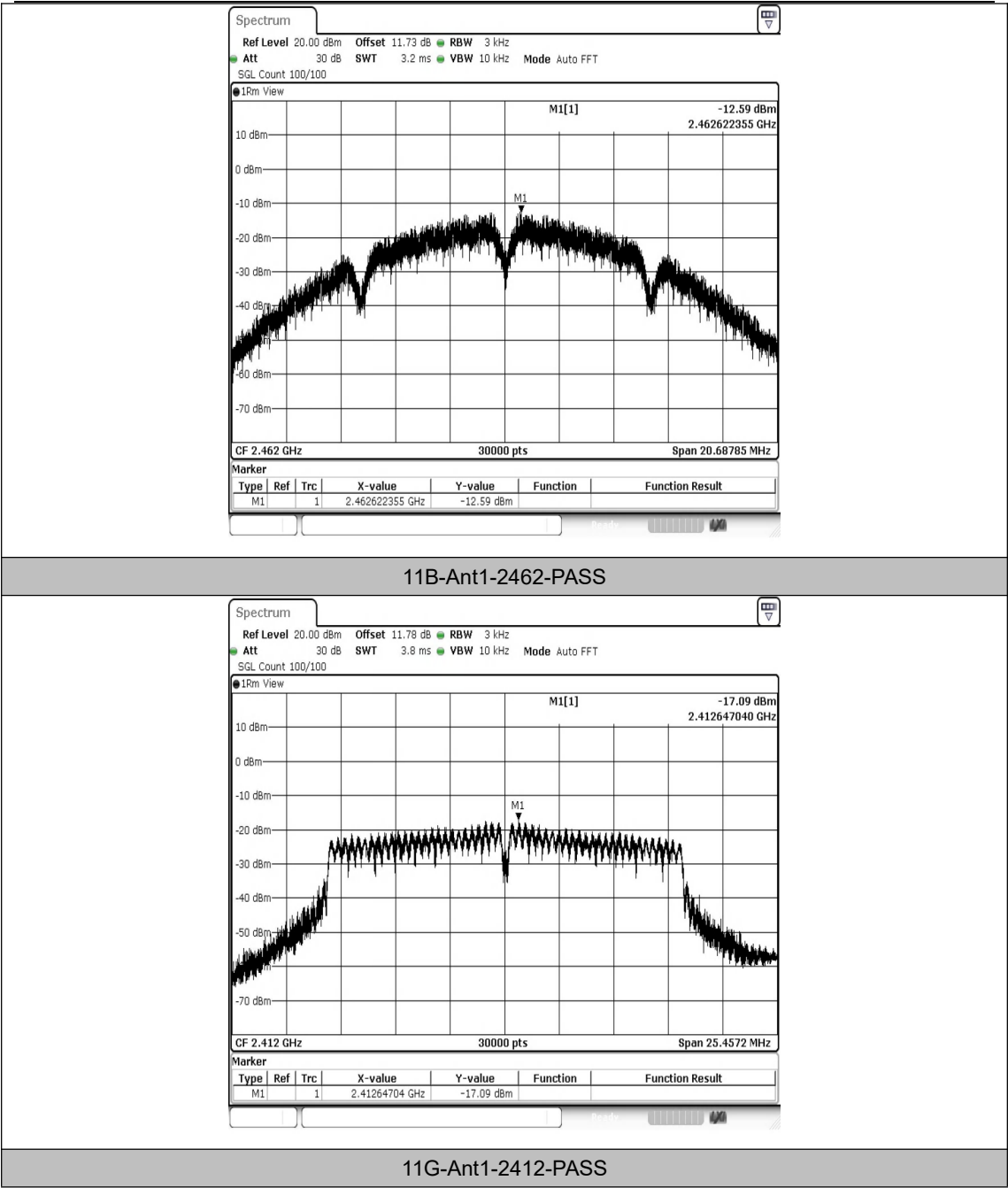
Test Graphs

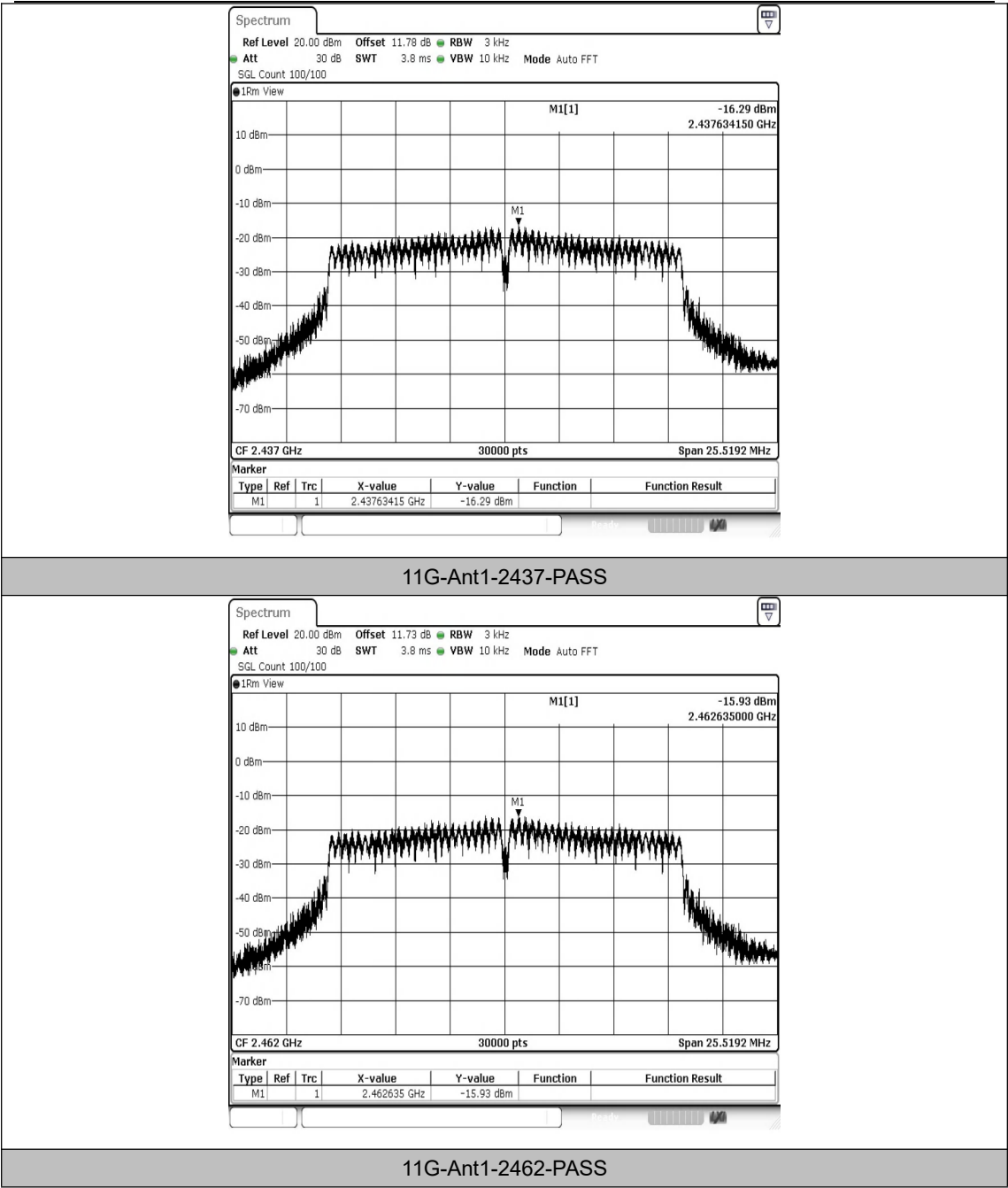


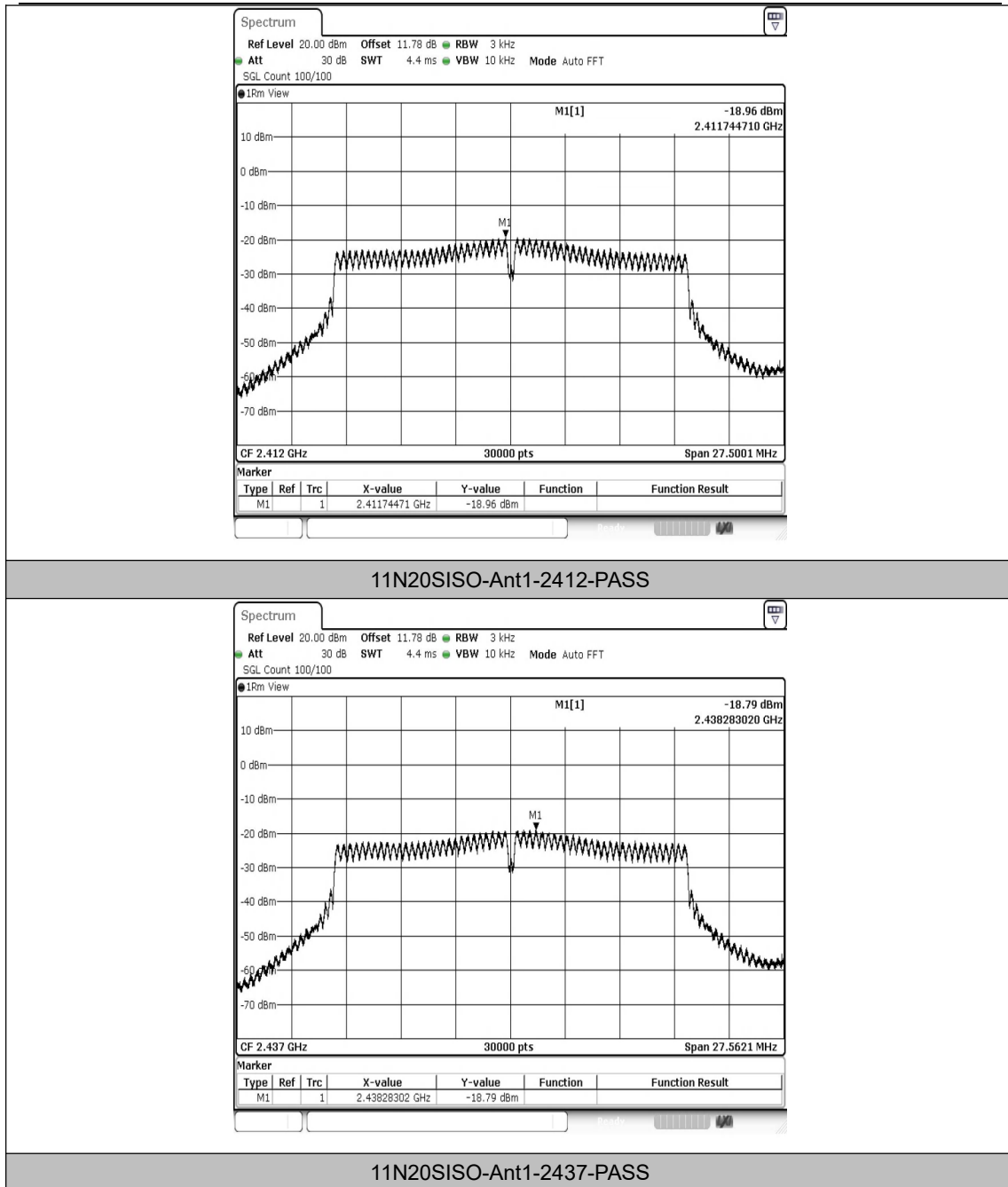
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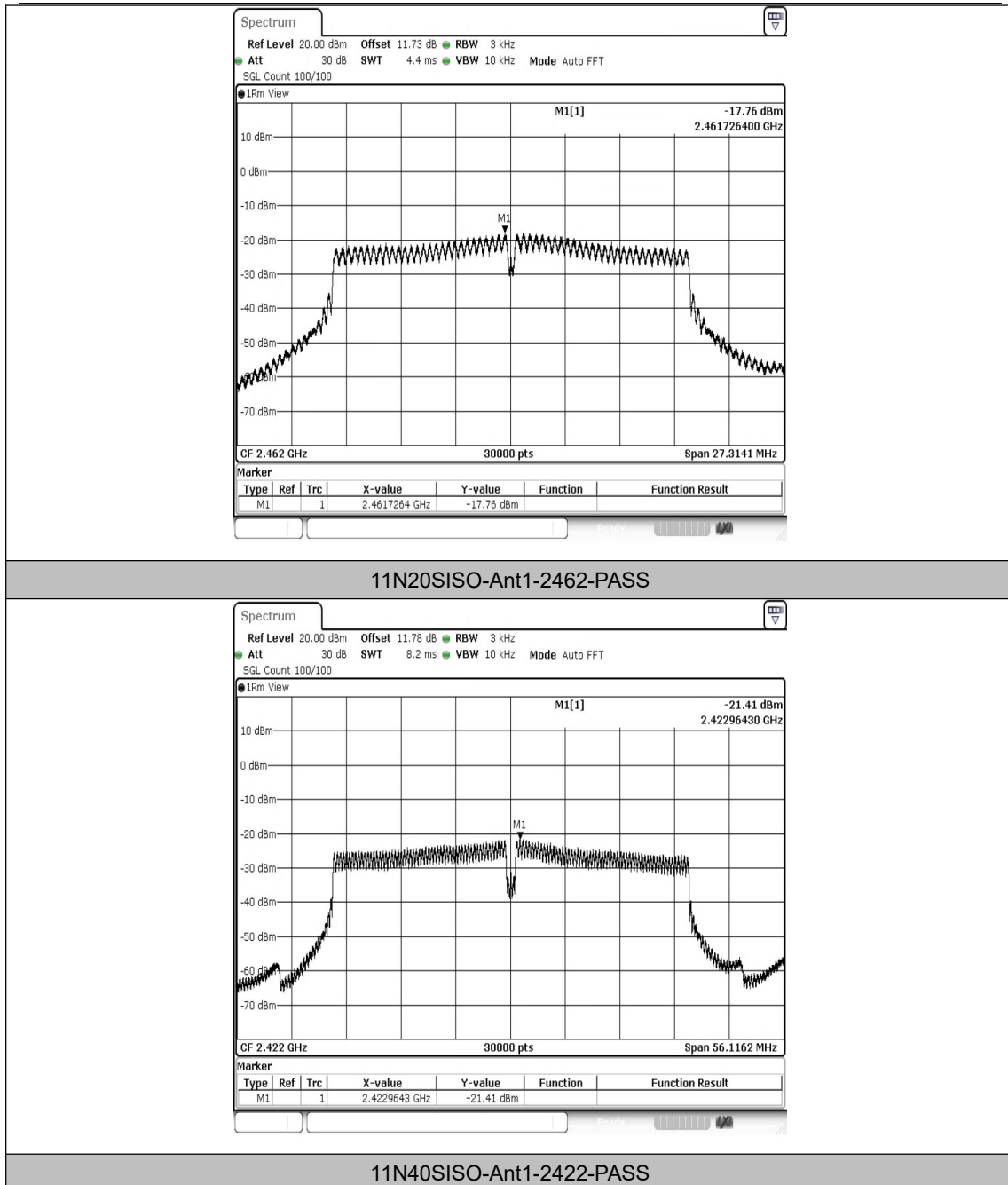


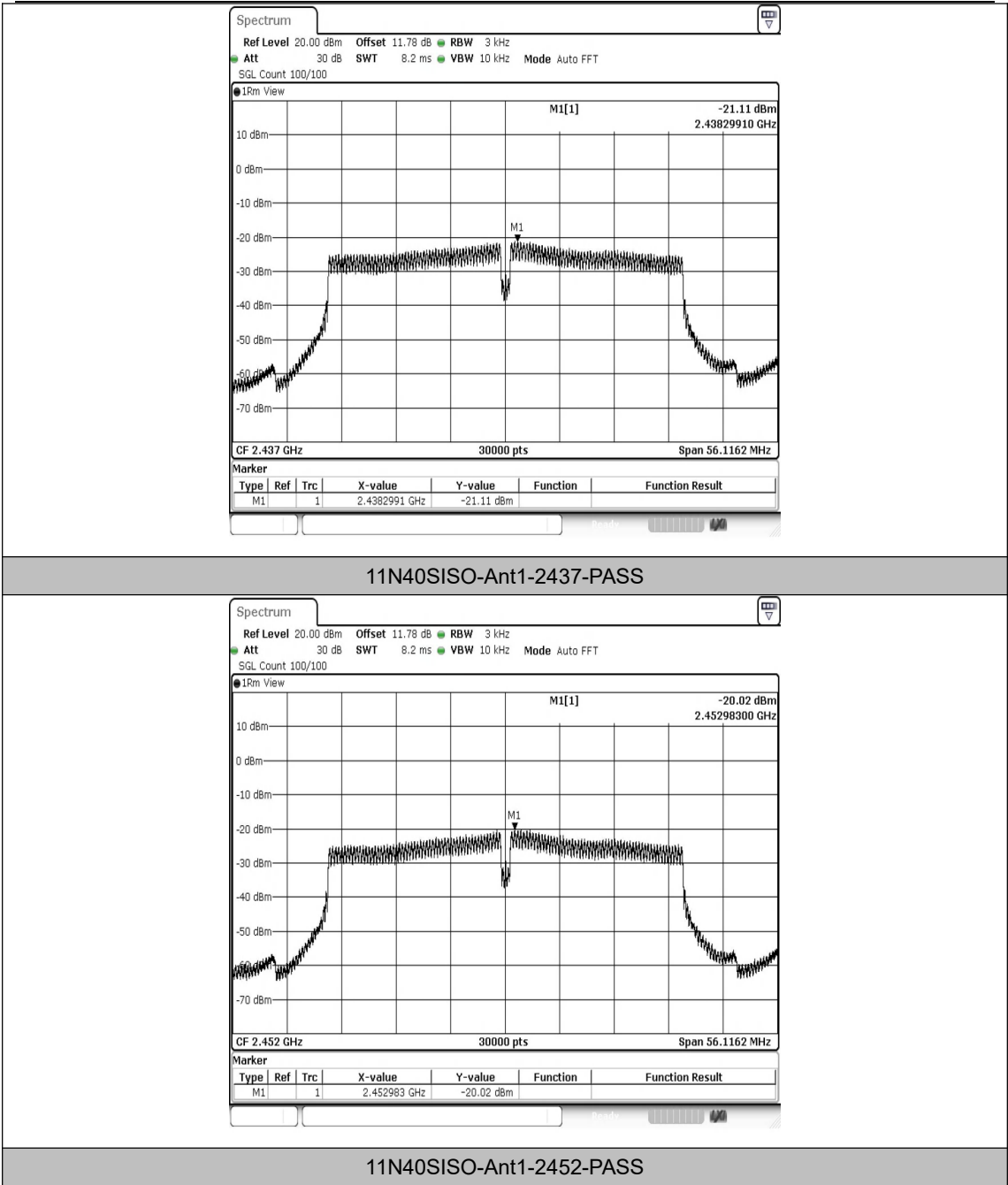


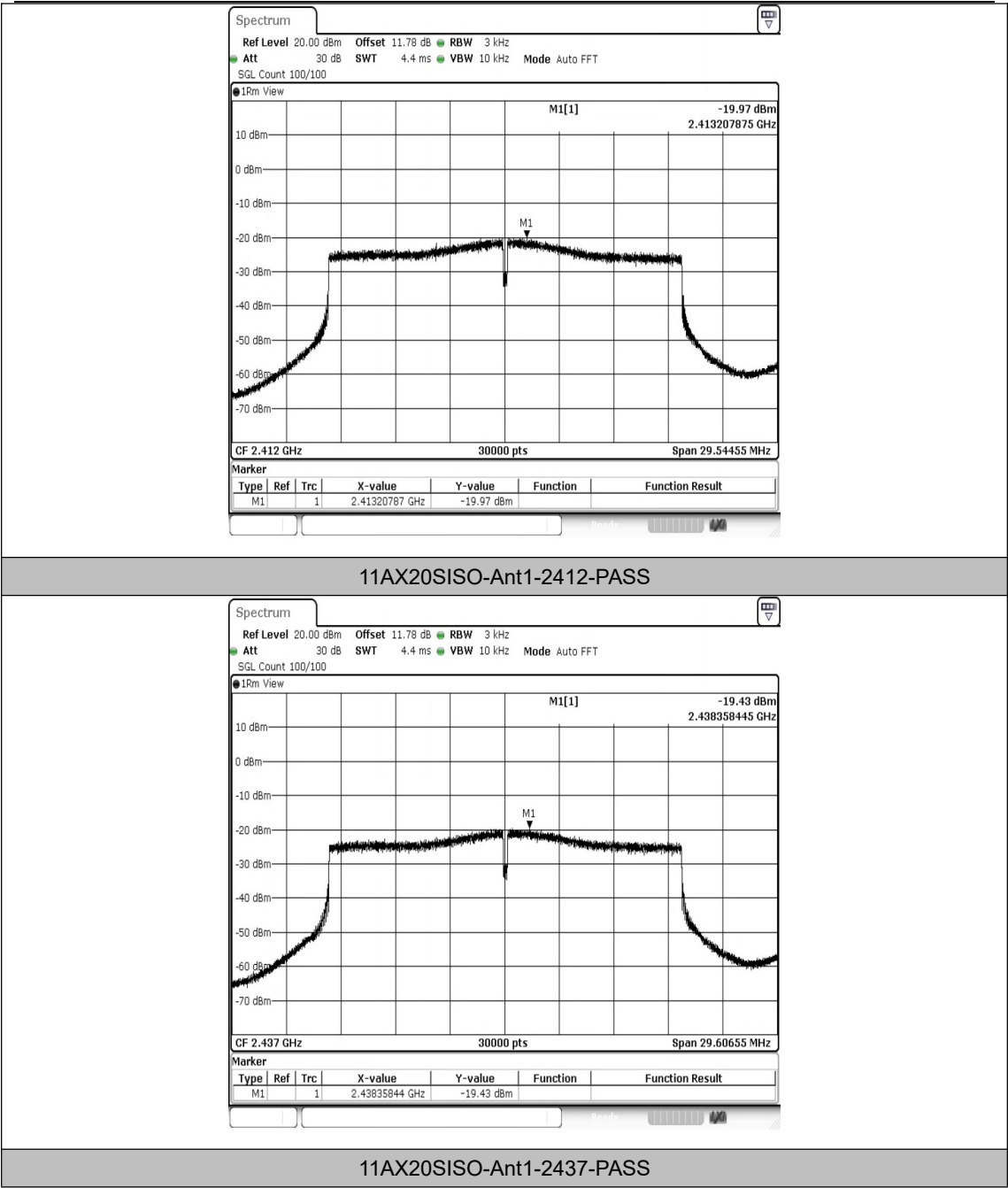
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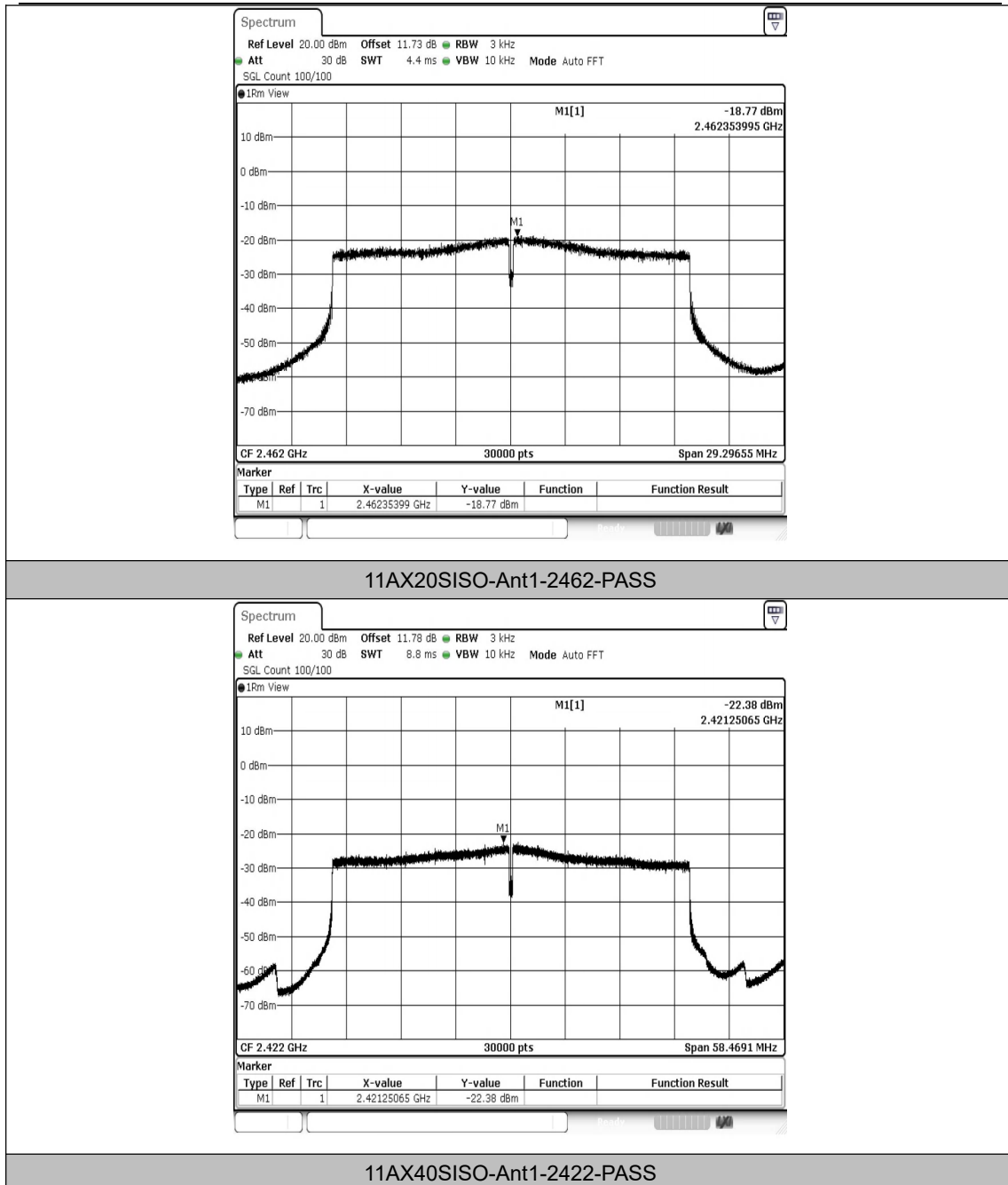


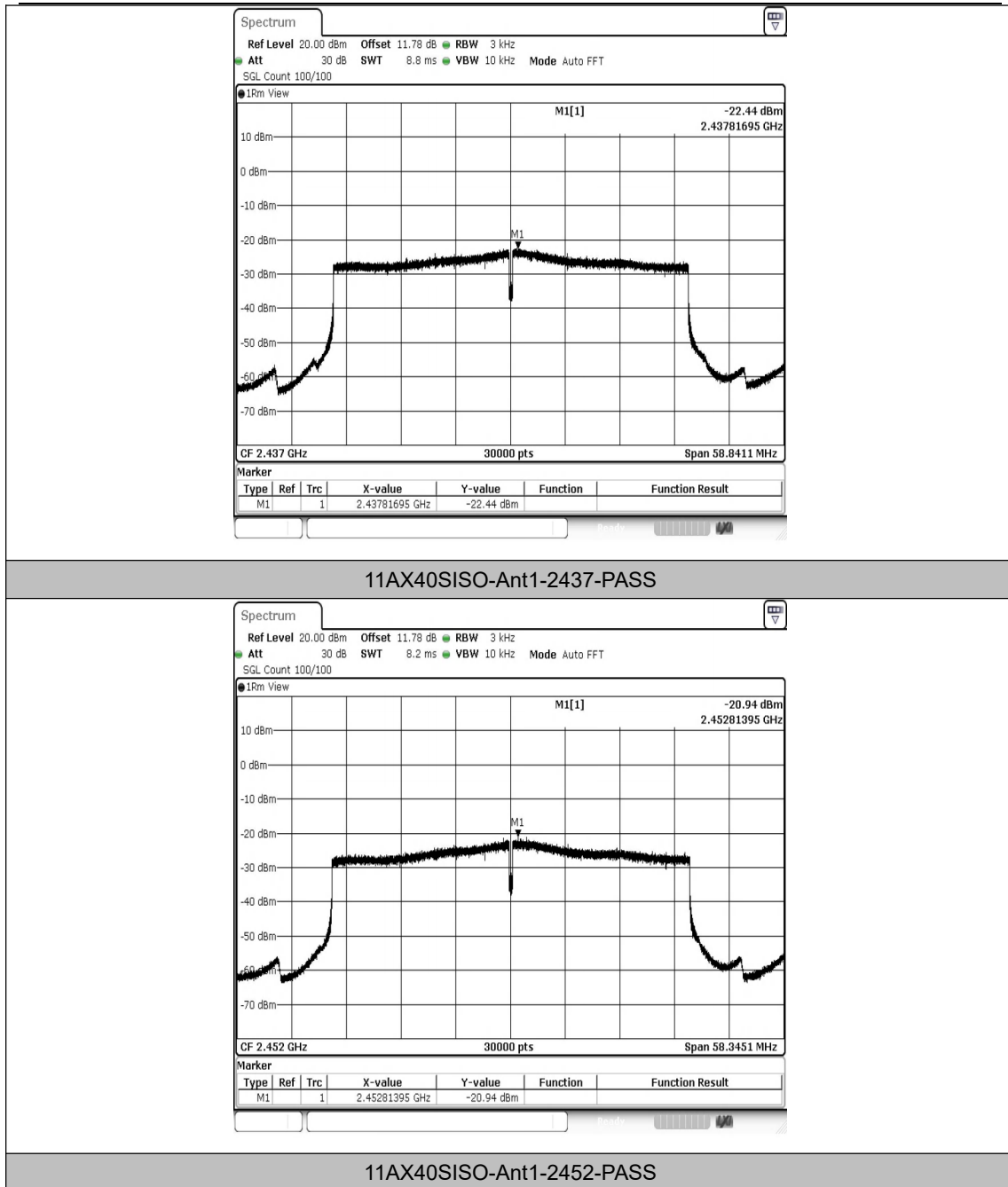


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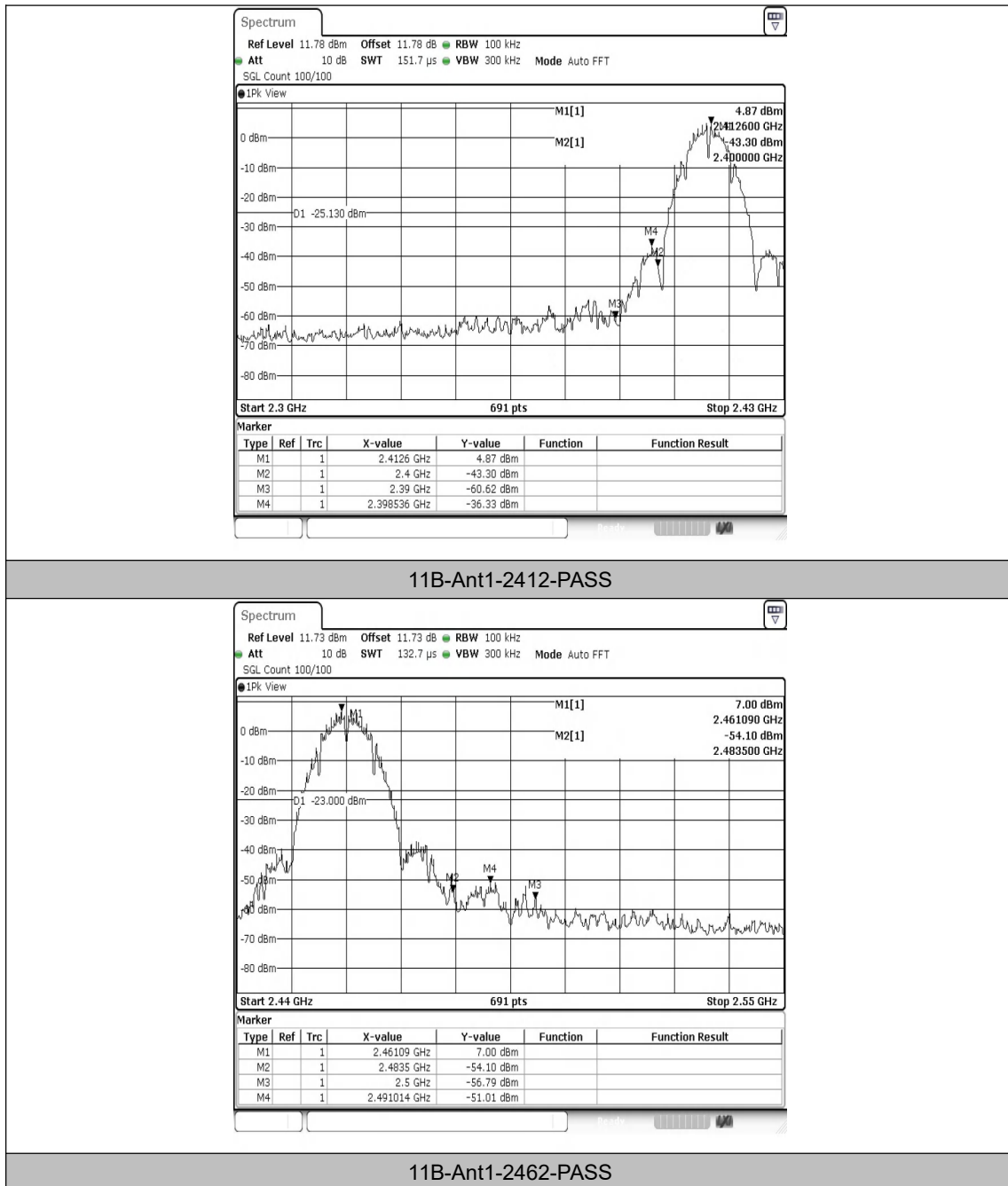
Appendix E: Conducted Band edge

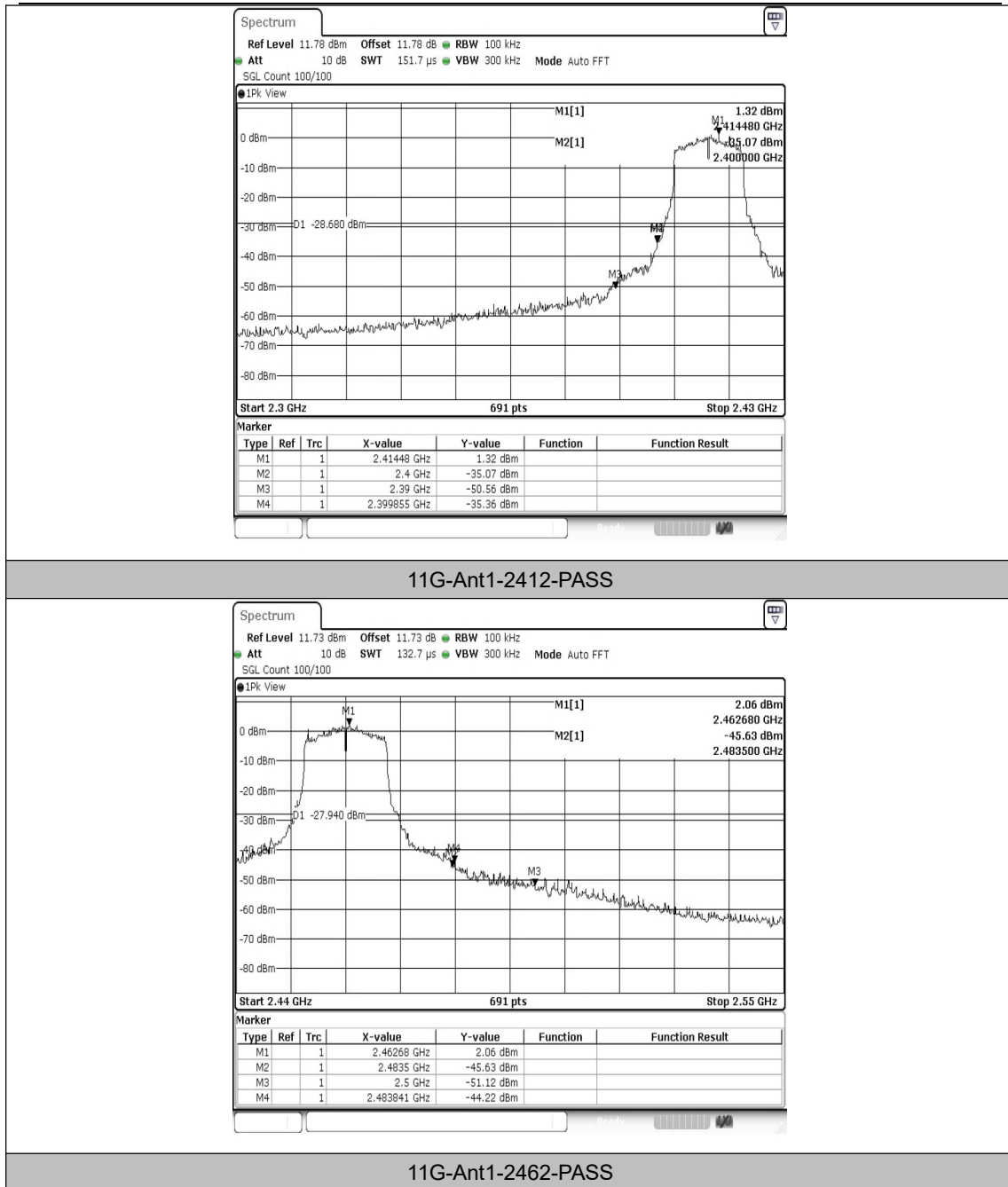
Test Result

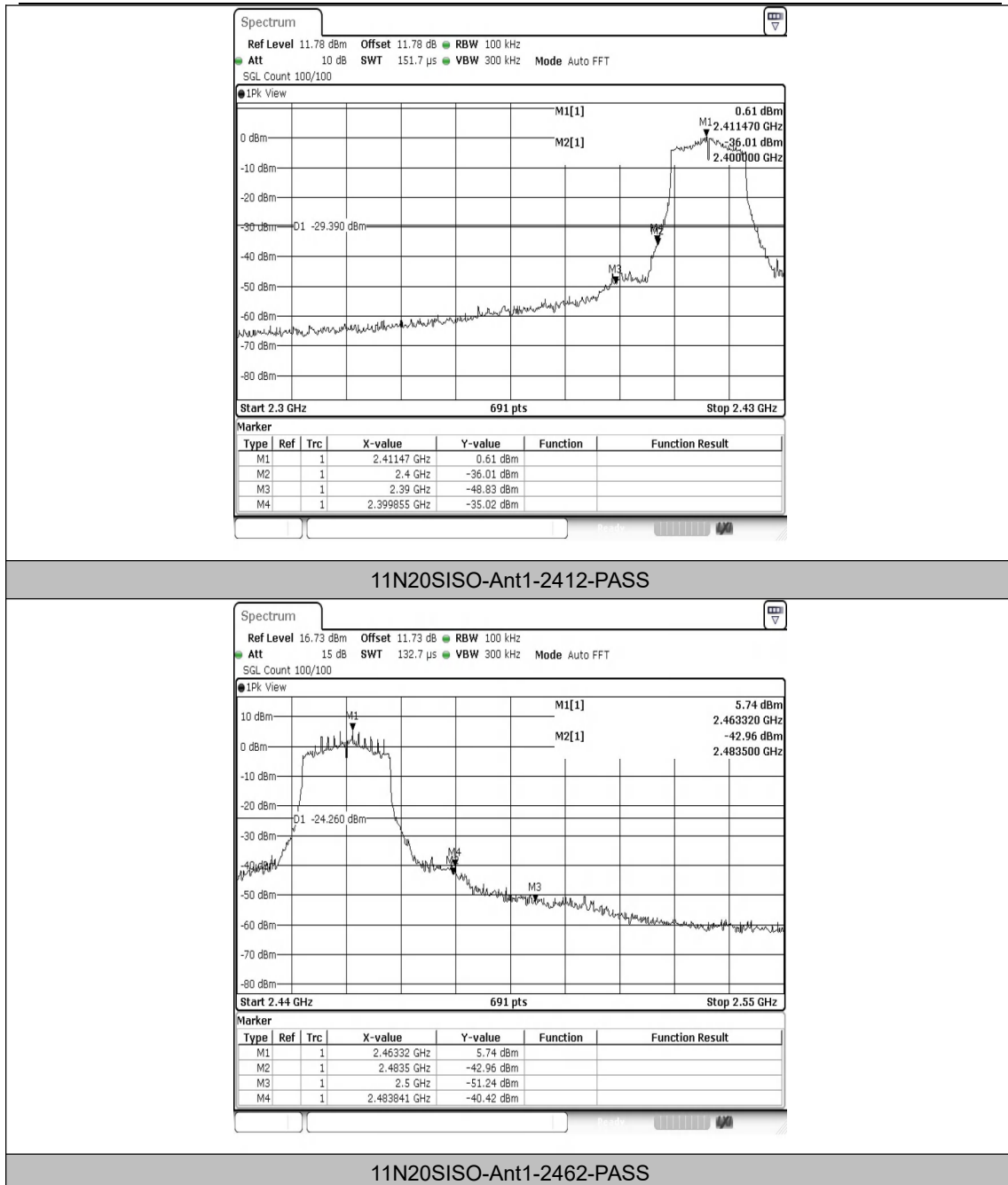
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11B	Ant1	Low	2412	4.87	-36.33	≤-25.13	PASS
11B	Ant1	High	2462	7.00	-51.01	≤-23	PASS
11G	Ant1	Low	2412	1.32	-35.36	≤-28.68	PASS
11G	Ant1	High	2462	2.06	-44.22	≤-27.94	PASS
11N20SISO	Ant1	Low	2412	0.61	-35.02	≤-29.39	PASS
11N20SISO	Ant1	High	2462	5.74	-40.42	≤-24.26	PASS
11N40SISO	Ant1	Low	2422	-1.67	-37.93	≤-31.67	PASS
11N40SISO	Ant1	High	2452	-0.28	-33.11	≤-30.28	PASS
11AX20SISO	Ant1	Low	2412	0.85	-37.27	≤-29.15	PASS
11AX20SISO	Ant1	High	2462	2.38	-38.55	≤-27.62	PASS
11AX40SISO	Ant1	Low	2422	-1.39	-38.3	≤-31.39	PASS
11AX40SISO	Ant1	High	2452	-0.72	-33.53	≤-30.72	PASS

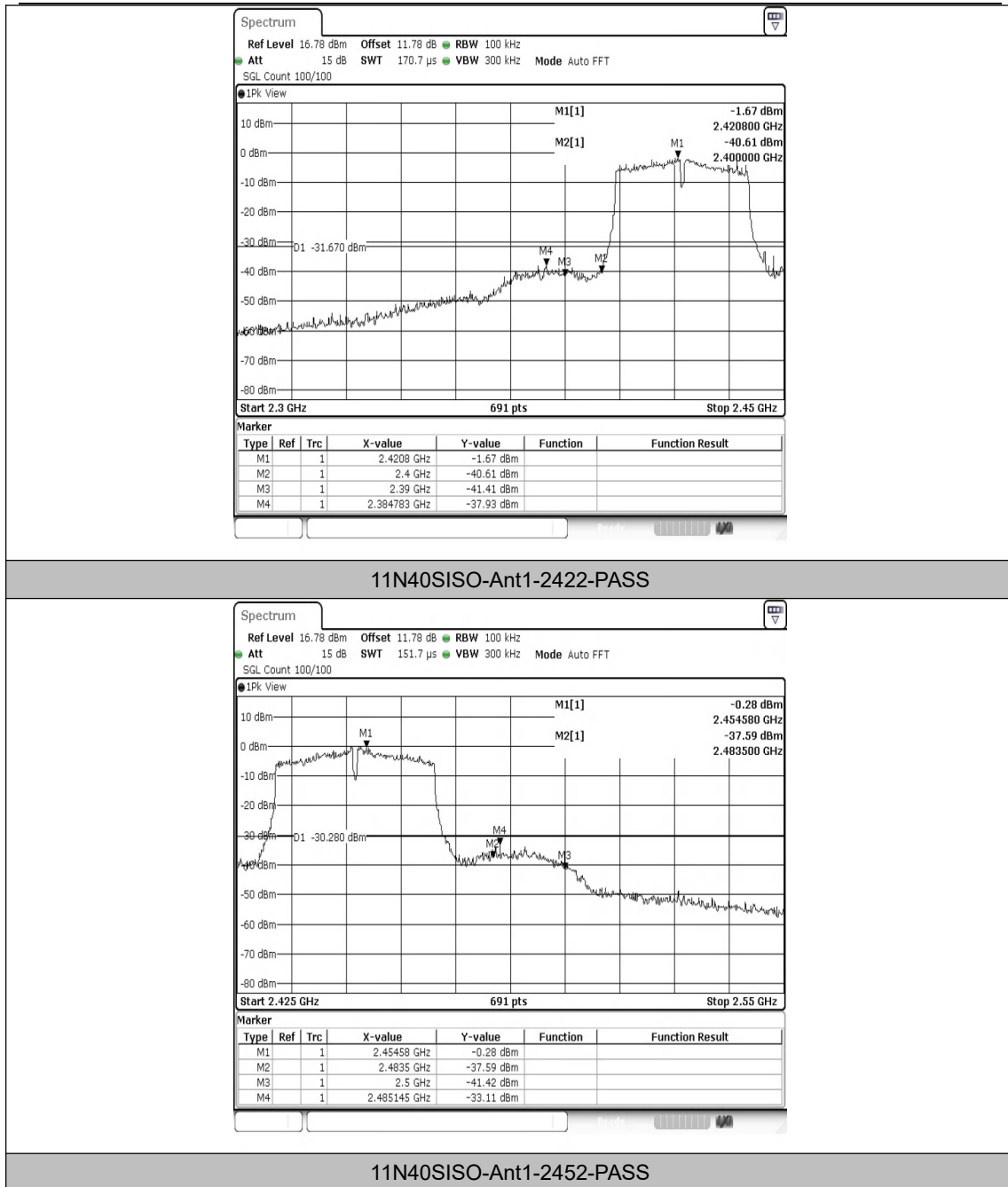


Test Graphs





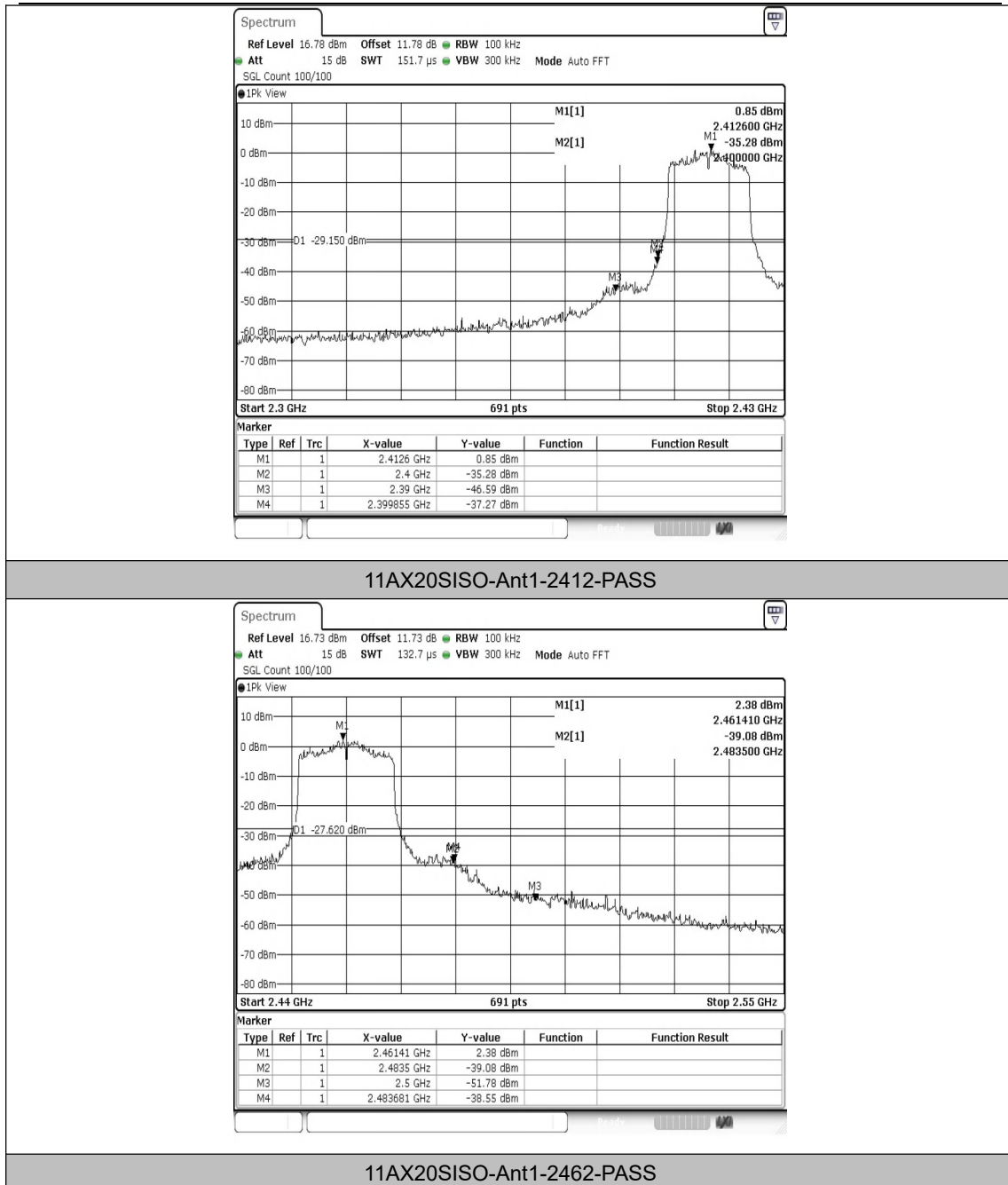


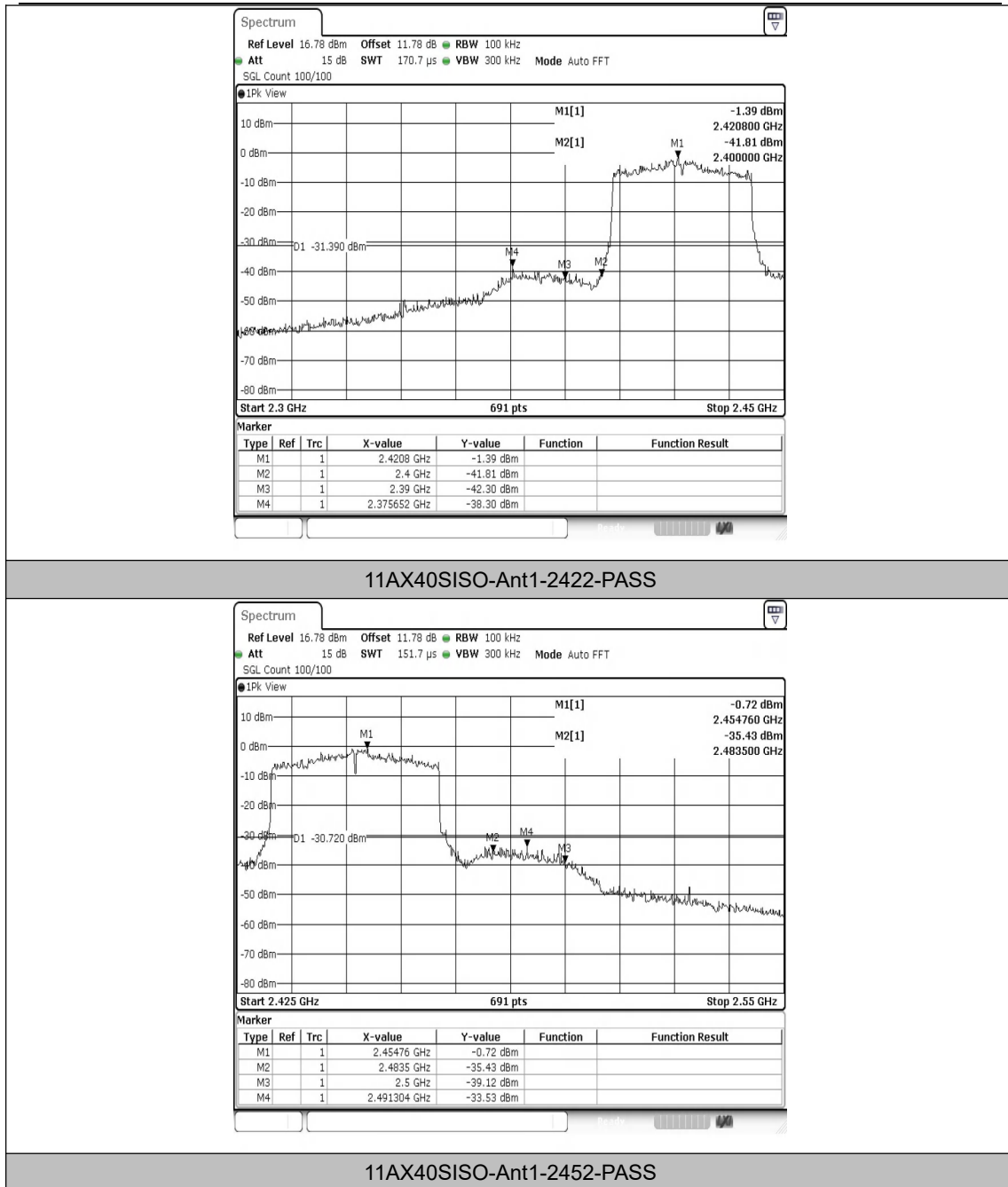


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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.54	2.54	---	PASS
11B	Ant1	2412	30~1000	2.54	-57.87	≤-27.46	PASS
11B	Ant1	2412	1000~26500	2.54	-44.25	≤-27.46	PASS
11B	Ant1	2437	0~Reference	4.57	4.57	---	PASS
11B	Ant1	2437	30~1000	4.57	-57.73	≤-25.43	PASS
11B	Ant1	2437	1000~26500	4.57	-43.82	≤-25.43	PASS
11B	Ant1	2462	0~Reference	7.12	7.12	---	PASS
11B	Ant1	2462	30~1000	7.12	-58.59	≤-22.88	PASS
11B	Ant1	2462	1000~26500	7.12	-43.9	≤-22.88	PASS
11G	Ant1	2412	0~Reference	0.61	0.61	---	PASS
11G	Ant1	2412	30~1000	0.61	-58.38	≤-29.39	PASS
11G	Ant1	2412	1000~26500	0.61	-43.92	≤-29.39	PASS
11G	Ant1	2437	0~Reference	0.58	0.58	---	PASS
11G	Ant1	2437	30~1000	0.58	-57.55	≤-29.42	PASS
11G	Ant1	2437	1000~26500	0.58	-43.82	≤-29.42	PASS
11G	Ant1	2462	0~Reference	0.78	0.78	---	PASS
11G	Ant1	2462	30~1000	0.78	-57.66	≤-29.22	PASS
11G	Ant1	2462	1000~26500	0.78	-43.85	≤-29.22	PASS
11N20SISO	Ant1	2412	0~Reference	-0.23	-0.23	---	PASS
11N20SISO	Ant1	2412	30~1000	-0.23	-58.59	≤-30.23	PASS
11N20SISO	Ant1	2412	1000~26500	-0.23	-44.26	≤-30.23	PASS
11N20SISO	Ant1	2437	0~Reference	0.74	0.74	---	PASS
11N20SISO	Ant1	2437	30~1000	0.74	-58.02	≤-29.26	PASS
11N20SISO	Ant1	2437	1000~26500	0.74	-44.12	≤-29.26	PASS
11N20SISO	Ant1	2462	0~Reference	0.72	0.72	---	PASS
11N20SISO	Ant1	2462	30~1000	0.72	-58.24	≤-29.28	PASS
11N20SISO	Ant1	2462	1000~26500	0.72	-43.69	≤-29.28	PASS
11N40SISO	Ant1	2422	0~Reference	-1.66	-1.66	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.66	-56.96	≤-31.66	PASS
11N40SISO	Ant1	2422	1000~26500	-1.66	-43.99	≤-31.66	PASS
11N40SISO	Ant1	2437	0~Reference	-1.34	-1.34	---	PASS
11N40SISO	Ant1	2437	30~1000	-1.34	-57.89	≤-31.34	PASS
11N40SISO	Ant1	2437	1000~26500	-1.34	-44.28	≤-31.34	PASS
11N40SISO	Ant1	2452	0~Reference	-0.94	-0.94	---	PASS
11N40SISO	Ant1	2452	30~1000	-0.94	-58.24	≤-30.94	PASS
11N40SISO	Ant1	2452	1000~26500	-0.94	-43.54	≤-30.94	PASS

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11AX20SISO	Ant1	2412	0~Reference	-1.48	-1.48	---	PASS
11AX20SISO	Ant1	2412	30~1000	-1.48	-57.38	≤-31.48	PASS
11AX20SISO	Ant1	2412	1000~26500	-1.48	-43.98	≤-31.48	PASS
11AX20SISO	Ant1	2437	0~Reference	0.65	0.65	---	PASS
11AX20SISO	Ant1	2437	30~1000	0.65	-58.01	≤-29.35	PASS
11AX20SISO	Ant1	2437	1000~26500	0.65	-43.59	≤-29.35	PASS
11AX20SISO	Ant1	2462	0~Reference	0.53	0.53	---	PASS
11AX20SISO	Ant1	2462	30~1000	0.53	-58.7	≤-29.47	PASS
11AX20SISO	Ant1	2462	1000~26500	0.53	-43.52	≤-29.47	PASS
11AX40SISO	Ant1	2422	0~Reference	-2.83	-2.83	---	PASS
11AX40SISO	Ant1	2422	30~1000	-2.83	-58.06	≤-32.83	PASS
11AX40SISO	Ant1	2422	1000~26500	-2.83	-44.3	≤-32.83	PASS
11AX40SISO	Ant1	2437	0~Reference	-2.01	-2.01	---	PASS
11AX40SISO	Ant1	2437	30~1000	-2.01	-58.12	≤-32.01	PASS
11AX40SISO	Ant1	2437	1000~26500	-2.01	-43.72	≤-32.01	PASS
11AX40SISO	Ant1	2452	0~Reference	-1.66	-1.66	---	PASS
11AX40SISO	Ant1	2452	30~1000	-1.66	-57.84	≤-31.66	PASS
11AX40SISO	Ant1	2452	1000~26500	-1.66	-43.41	≤-31.66	PASS

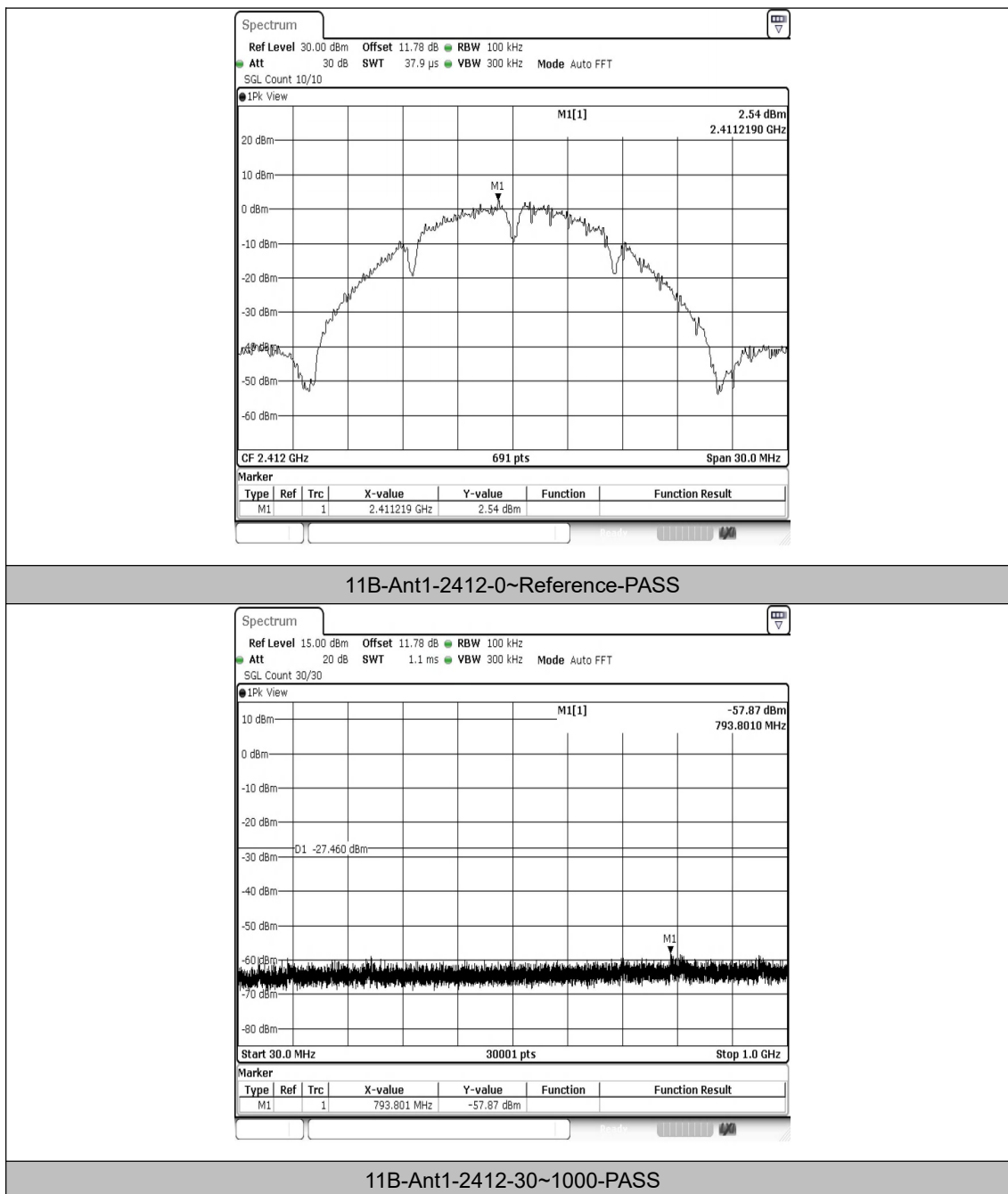
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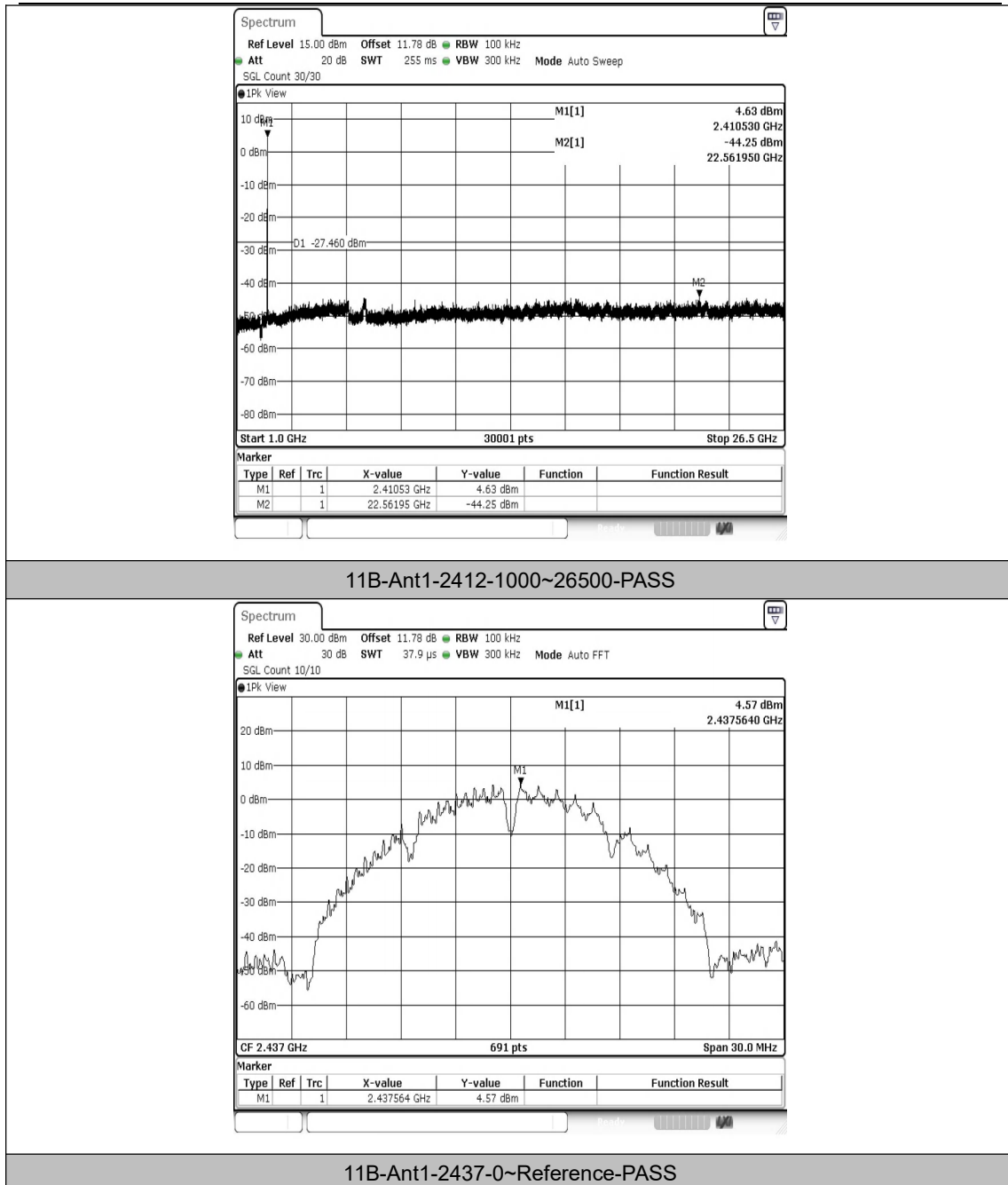
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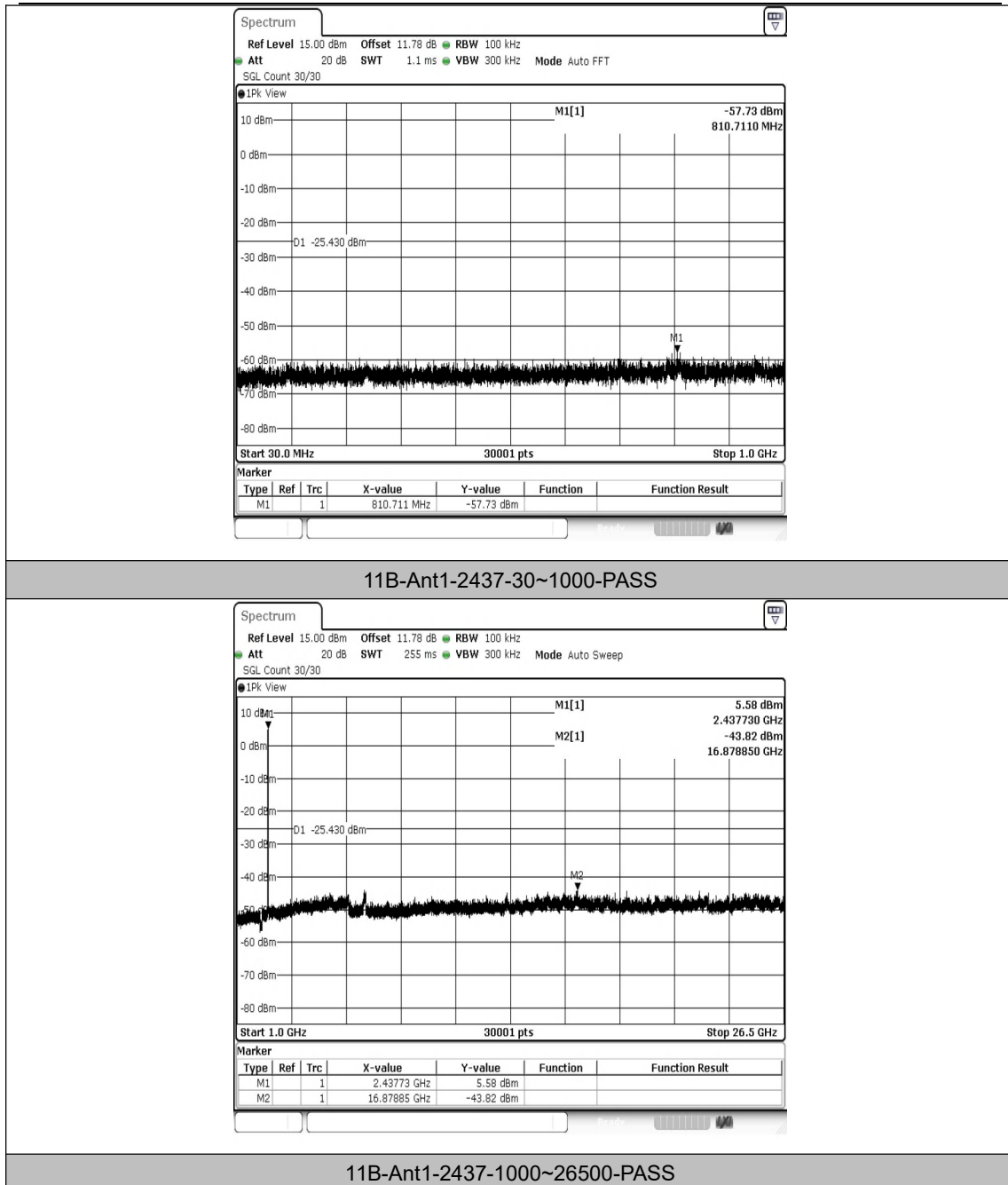


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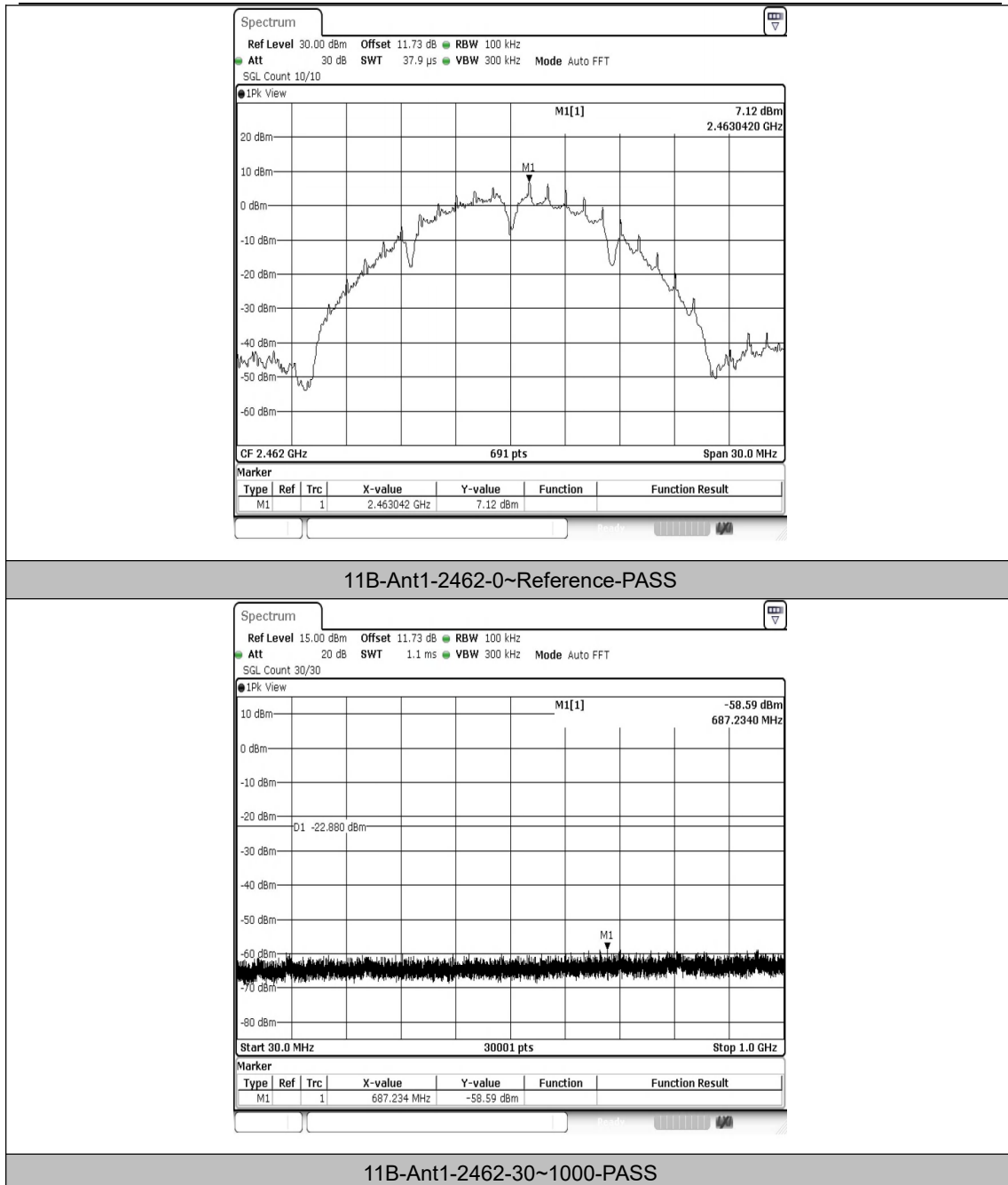




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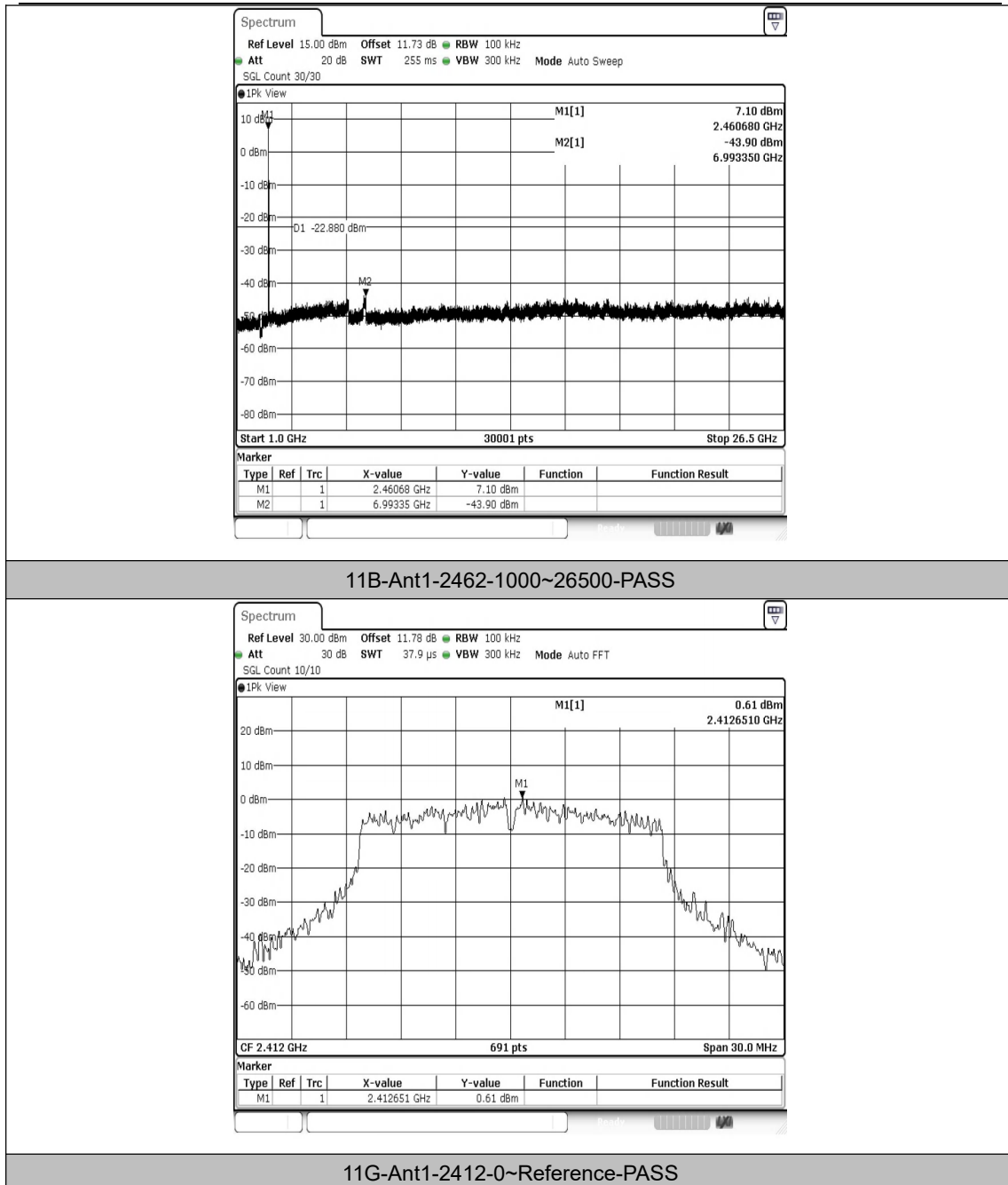
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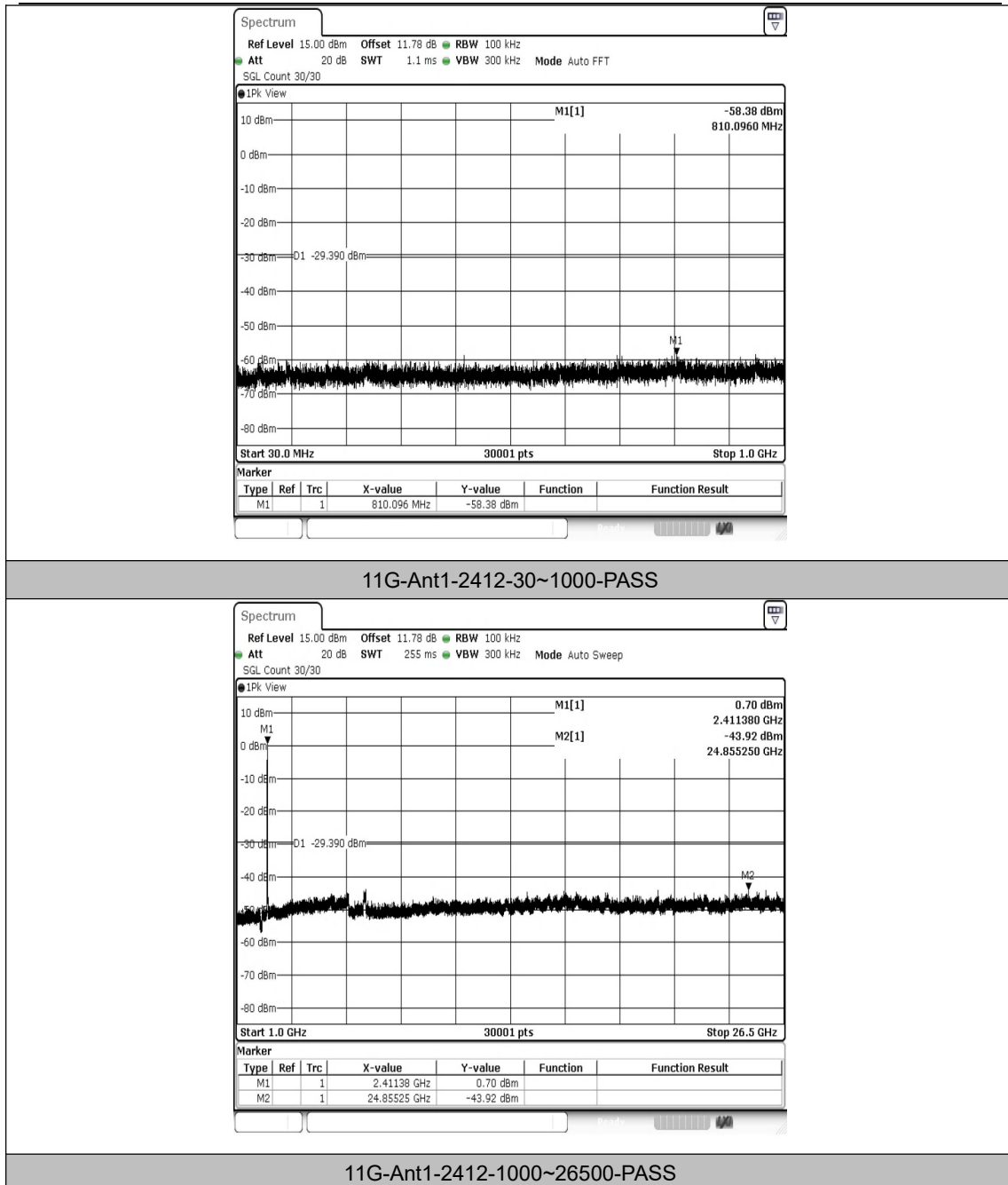


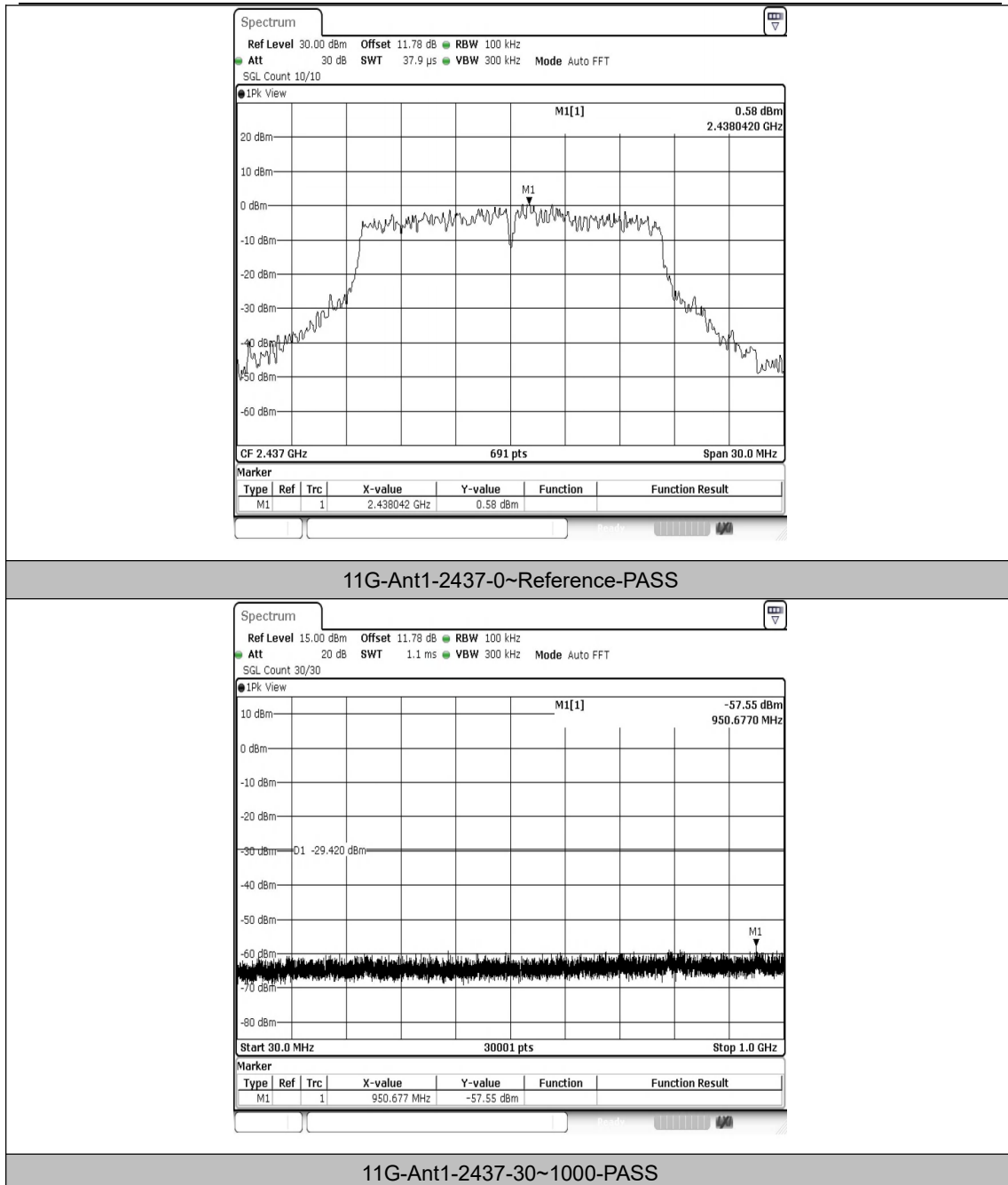
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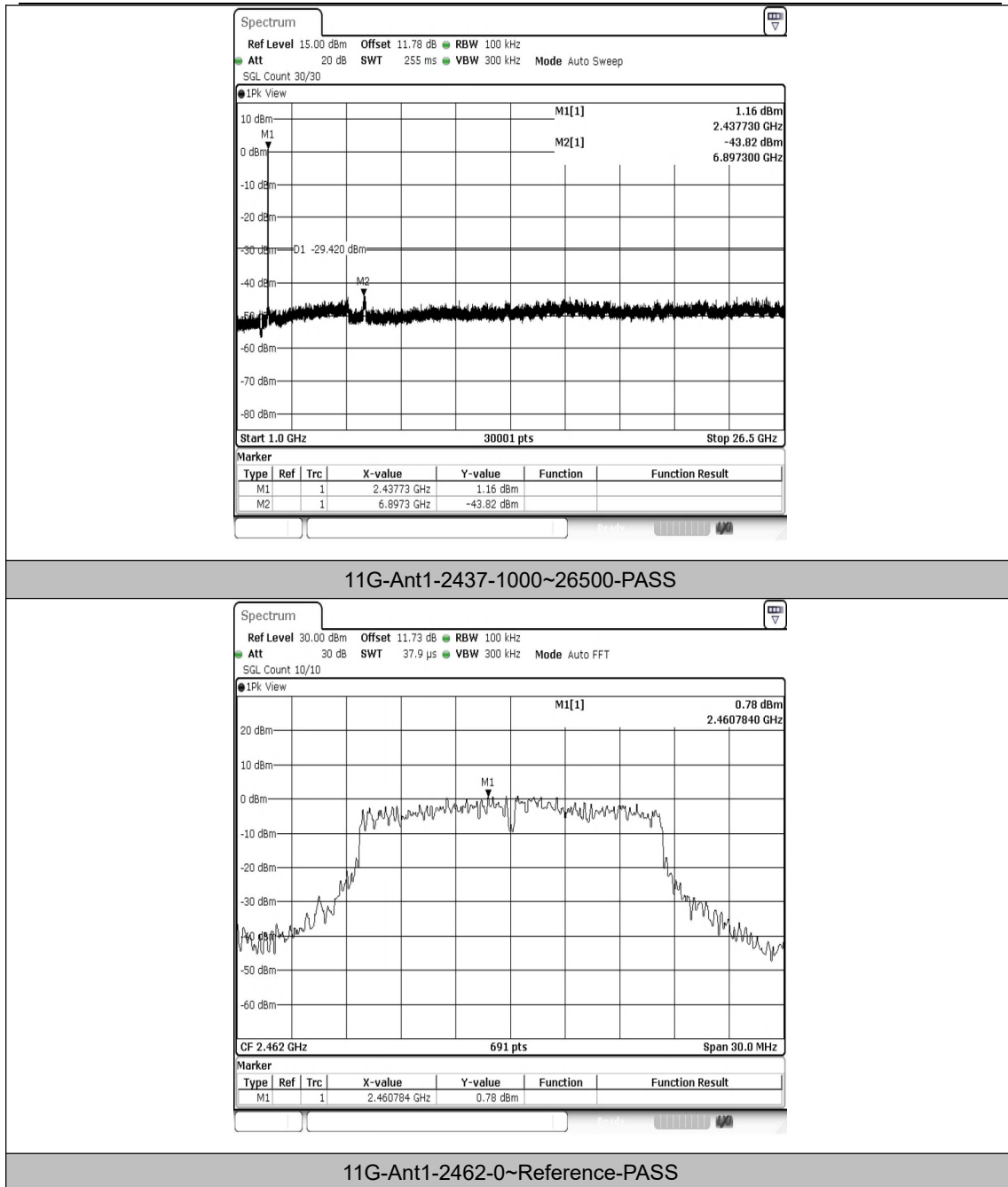




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