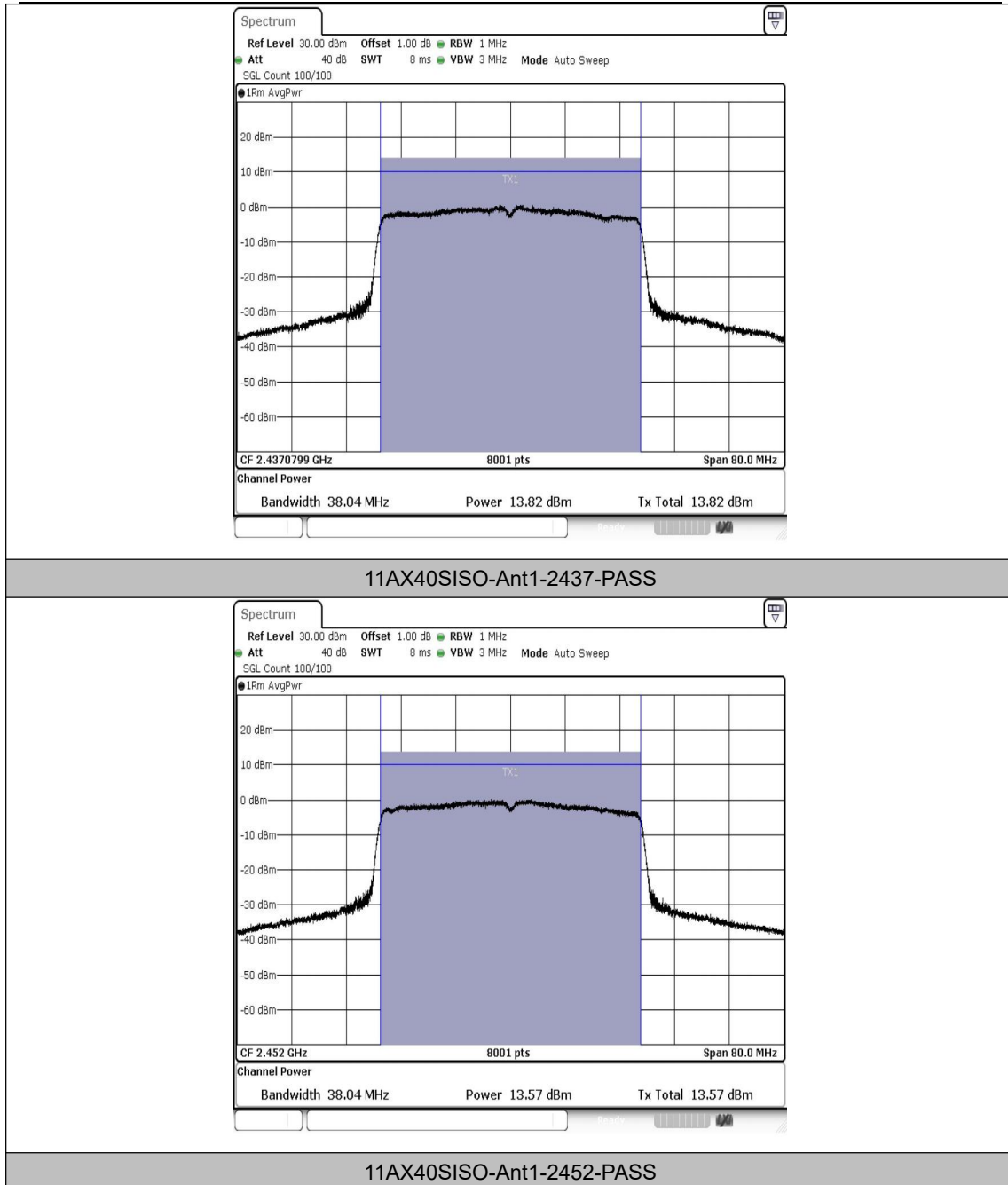




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Appendix D: Maximum power spectral density

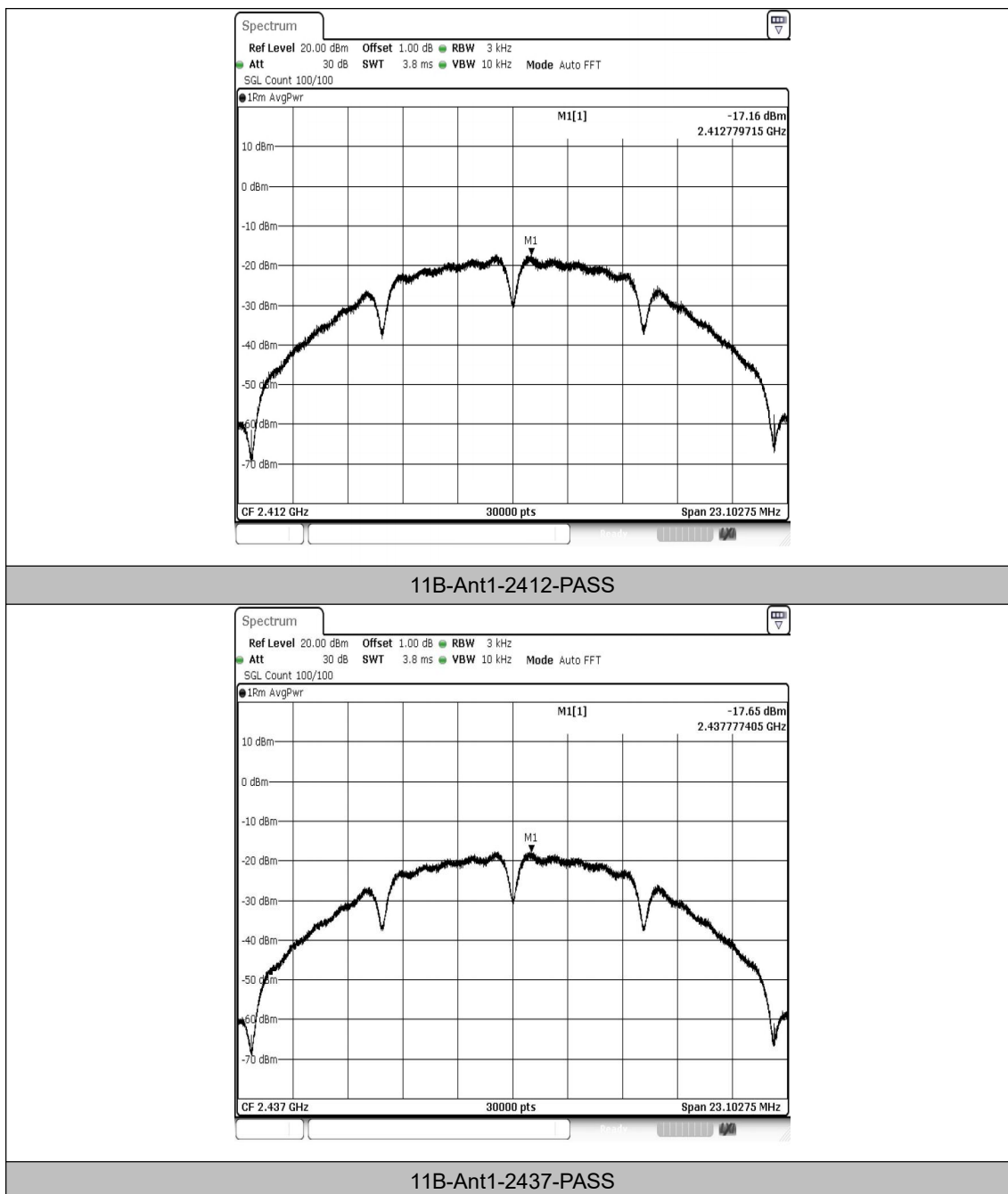
Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.16	0.05	-17.11	≤8.00	PASS
11B	Ant1	2437	-17.65	0.05	-17.60	≤8.00	PASS
11B	Ant1	2462	-17.96	0.05	-17.91	≤8.00	PASS
11G	Ant1	2412	-19.92	0.41	-19.51	≤8.00	PASS
11G	Ant1	2437	-19.25	0.25	-19.00	≤8.00	PASS
11G	Ant1	2462	-19.83	0.25	-19.58	≤8.00	PASS
11N20SISO	Ant1	2412	-20.02	0.48	-19.54	≤8.00	PASS
11N20SISO	Ant1	2437	-19.6	0.52	-19.08	≤8.00	PASS
11N20SISO	Ant1	2462	-20.24	0.52	-19.72	≤8.00	PASS
11N40SISO	Ant1	2422	-23.24	3.28	-19.96	≤8.00	PASS
11N40SISO	Ant1	2437	-21.33	1.01	-20.32	≤8.00	PASS
11N40SISO	Ant1	2452	-21.67	0.76	-20.91	≤8.00	PASS
11AX20SISO	Ant1	2412	-22.25	0.51	-21.74	≤8.00	PASS
11AX20SISO	Ant1	2437	-18.14	0.45	-17.69	≤8.00	PASS
11AX20SISO	Ant1	2462	-19.71	0.66	-19.05	≤8.00	PASS
11AX40SISO	Ant1	2422	-21.46	1.10	-20.36	≤8.00	PASS
11AX40SISO	Ant1	2437	-20.55	1.01	-19.54	≤8.00	PASS
11AX40SISO	Ant1	2452	-20.5	0.92	-19.58	≤8.00	PASS

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



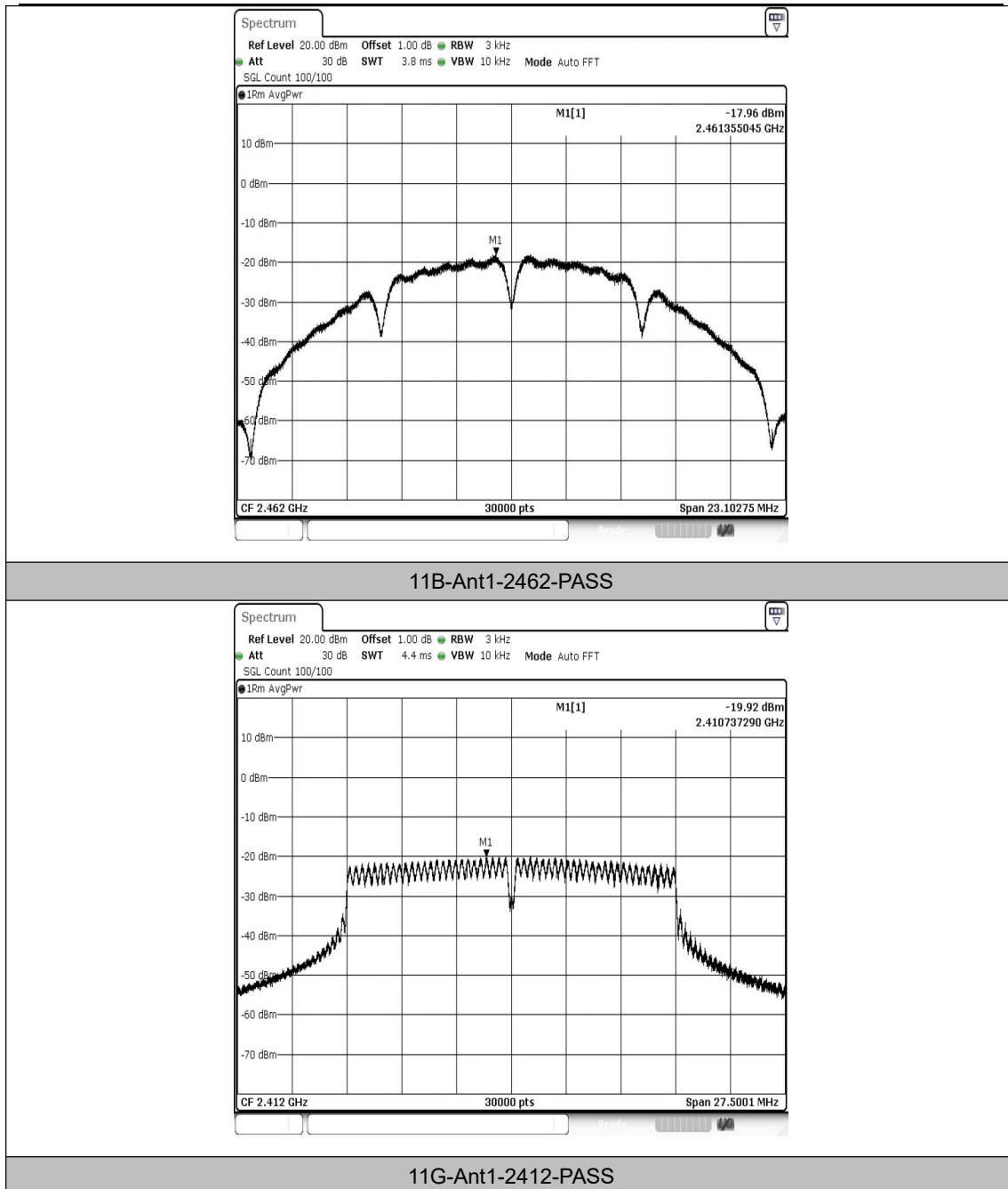
Test Graphs



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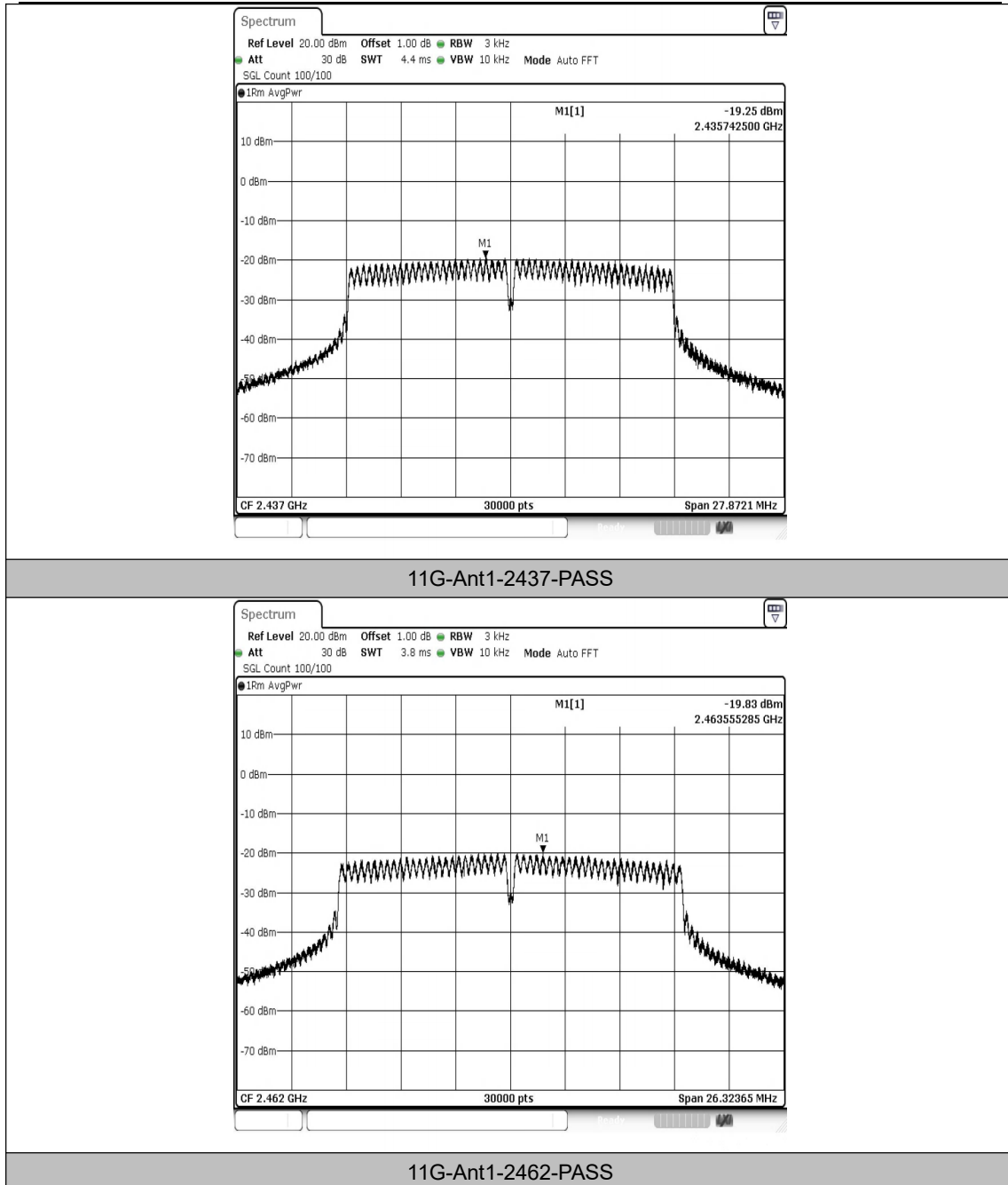
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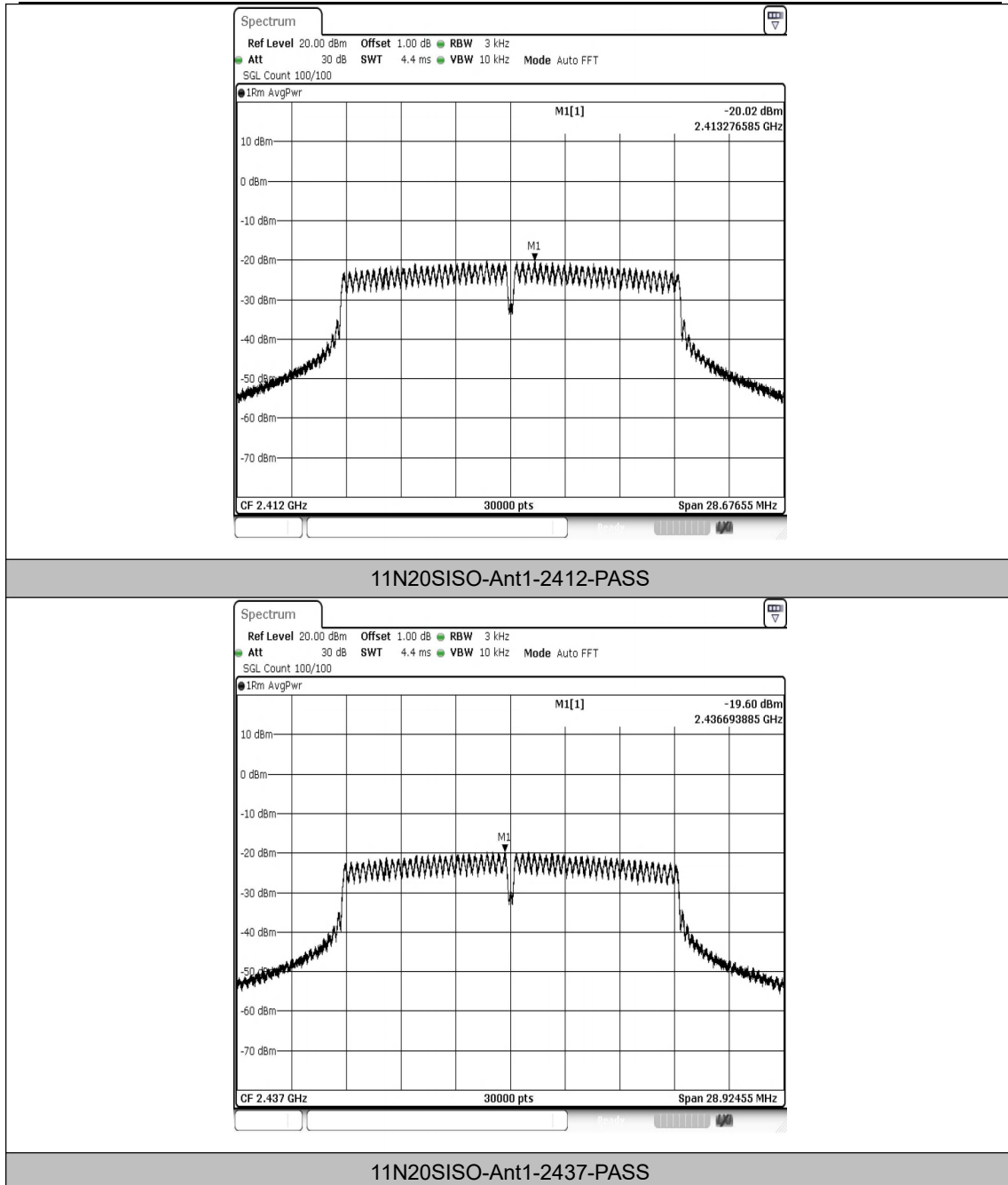
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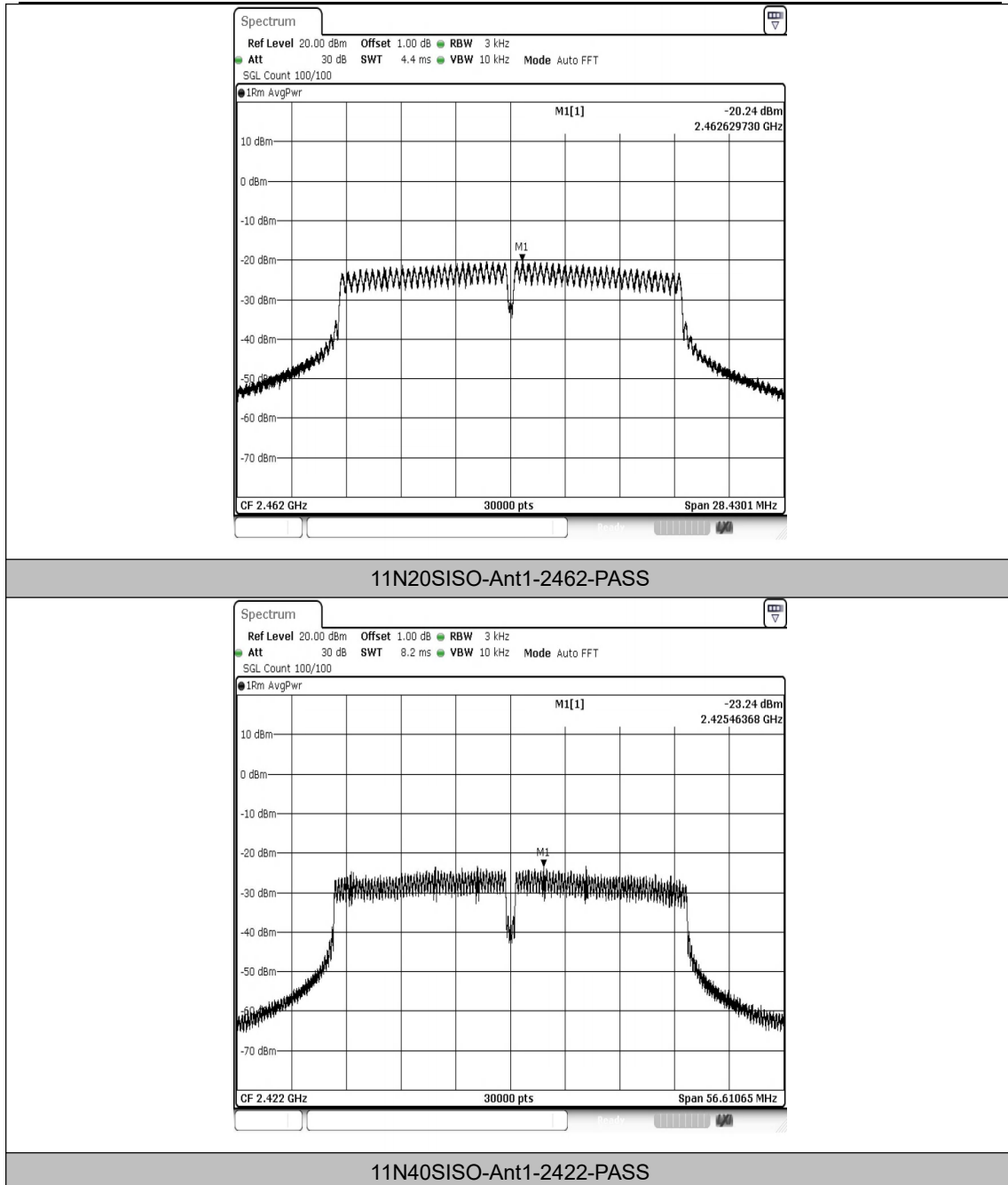
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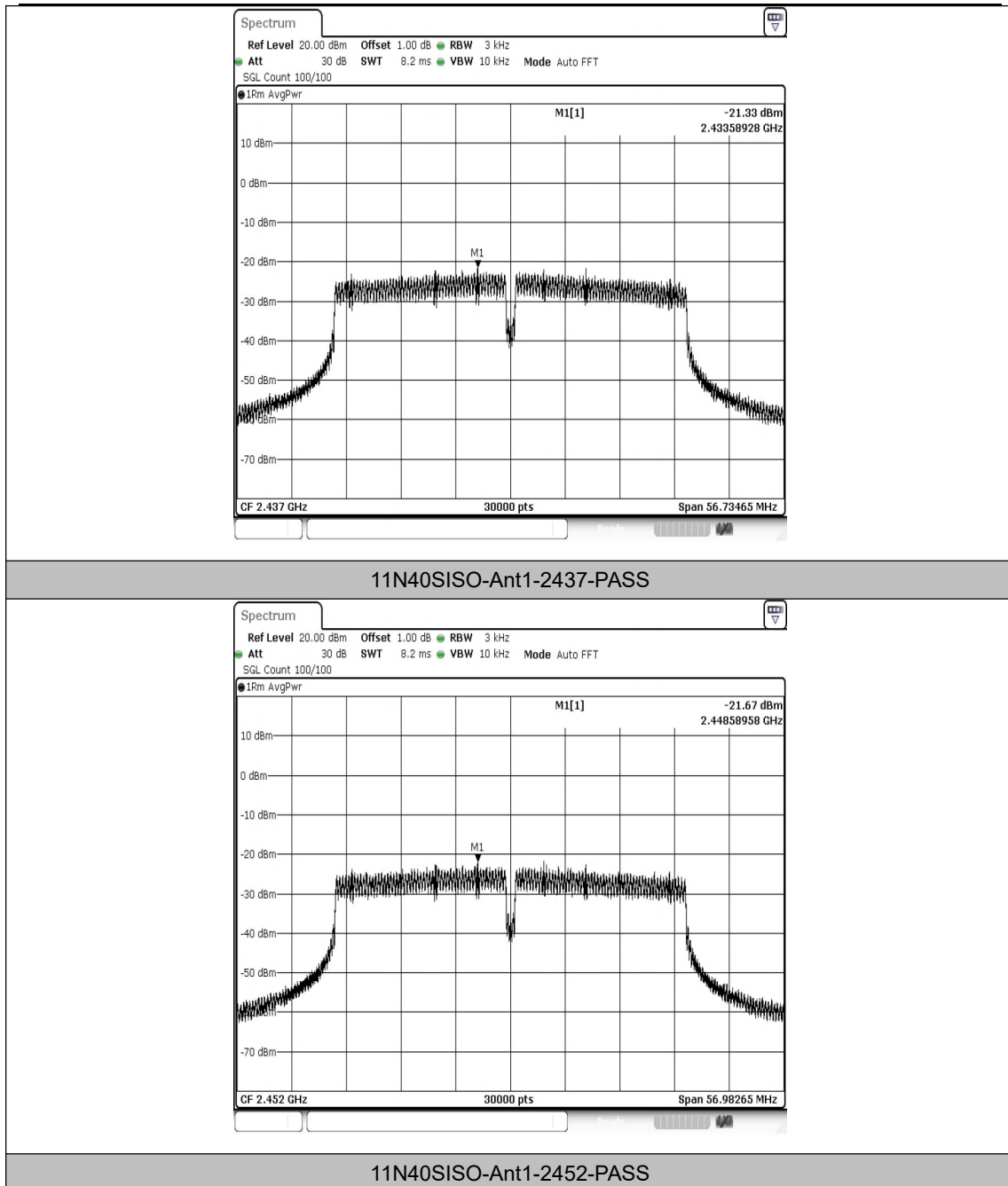
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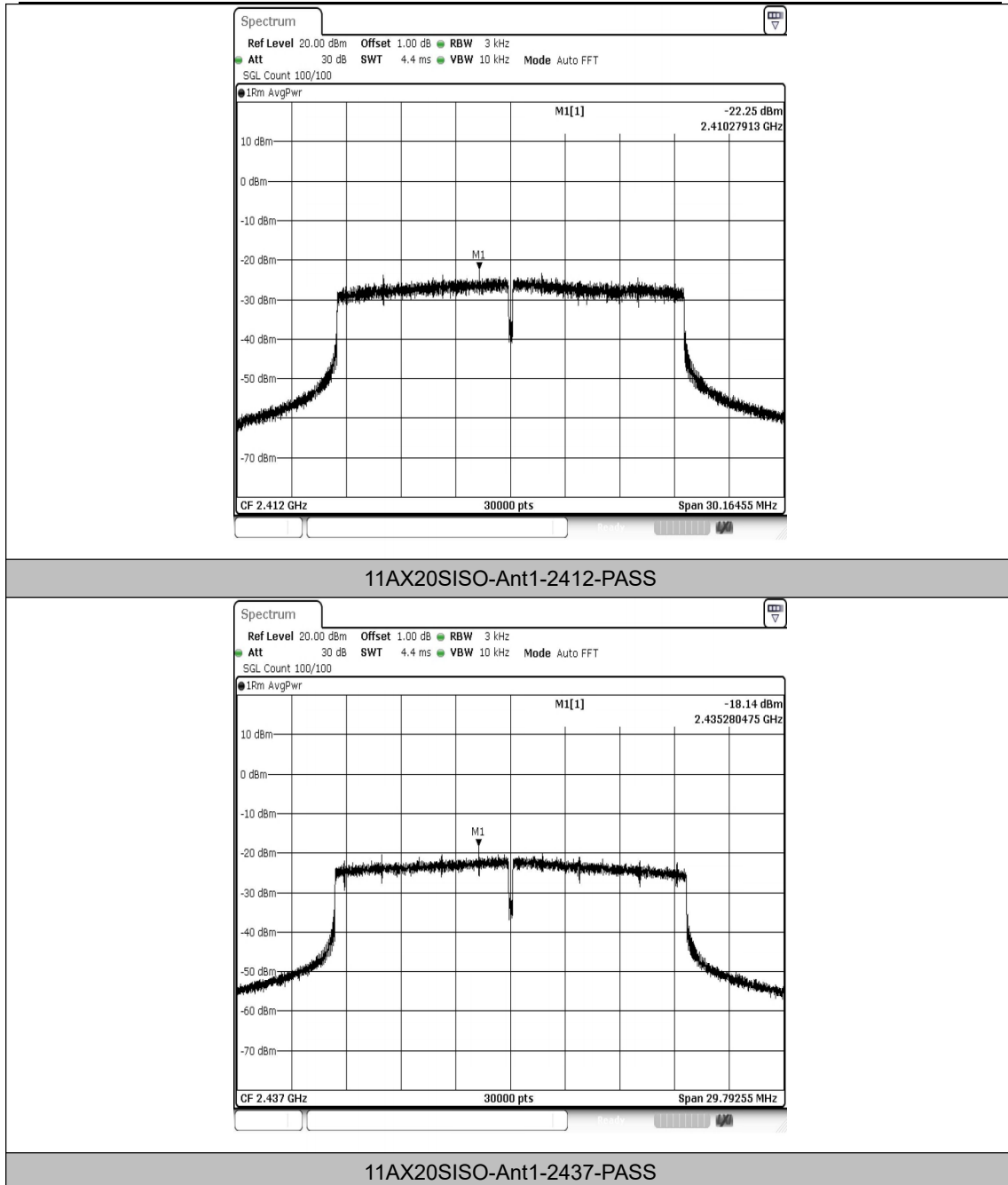
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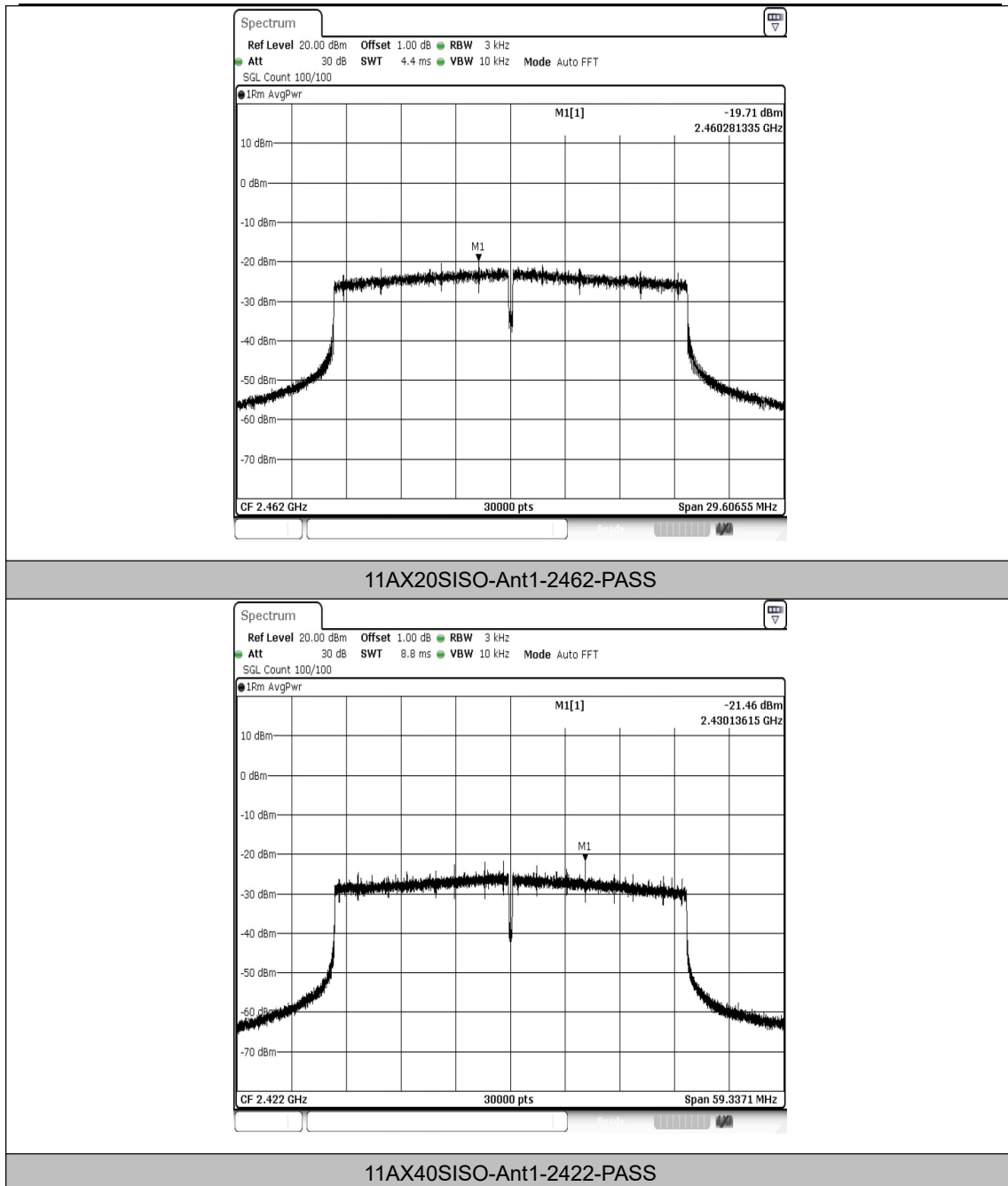
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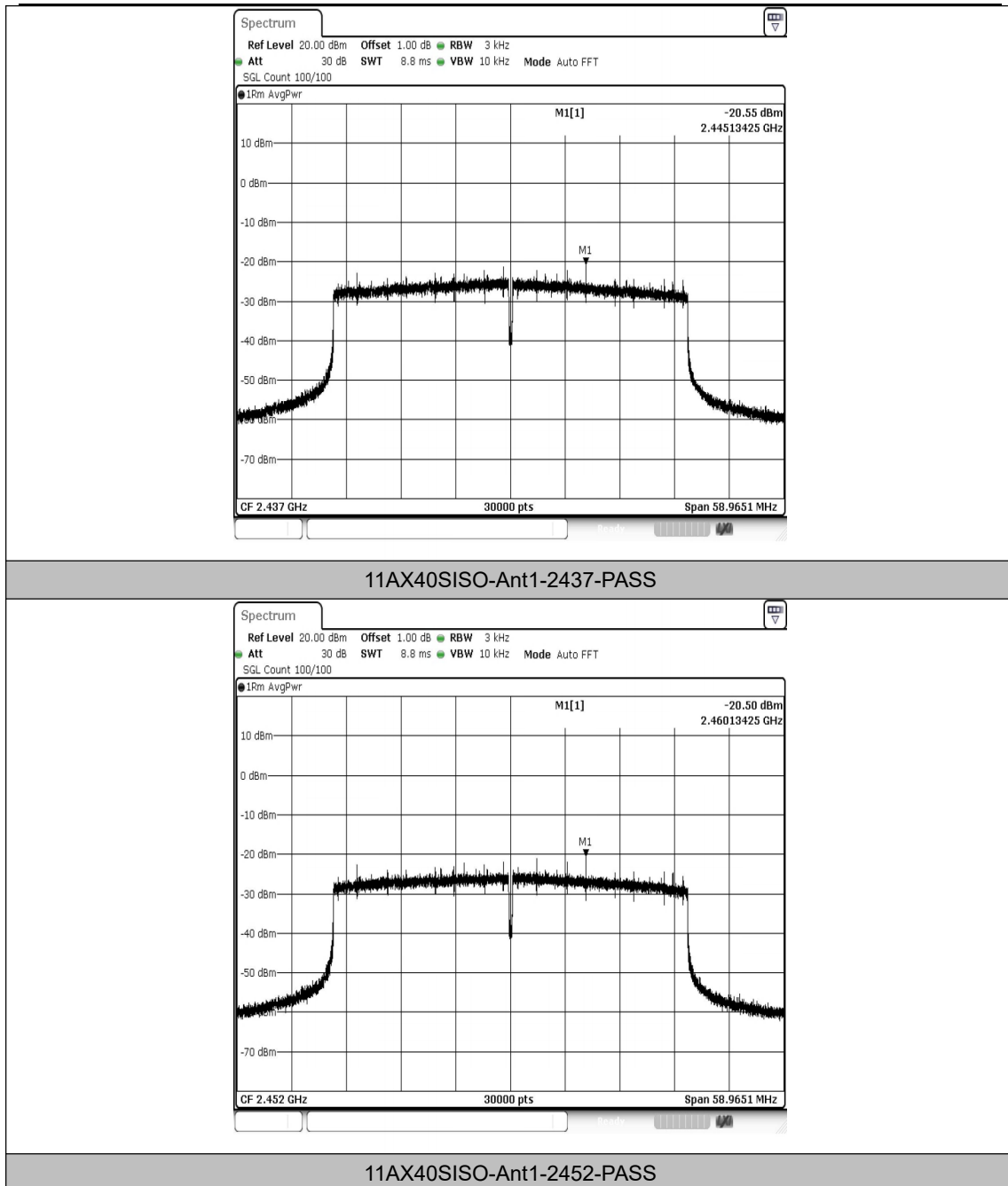
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Appendix E: Conducted Band edge

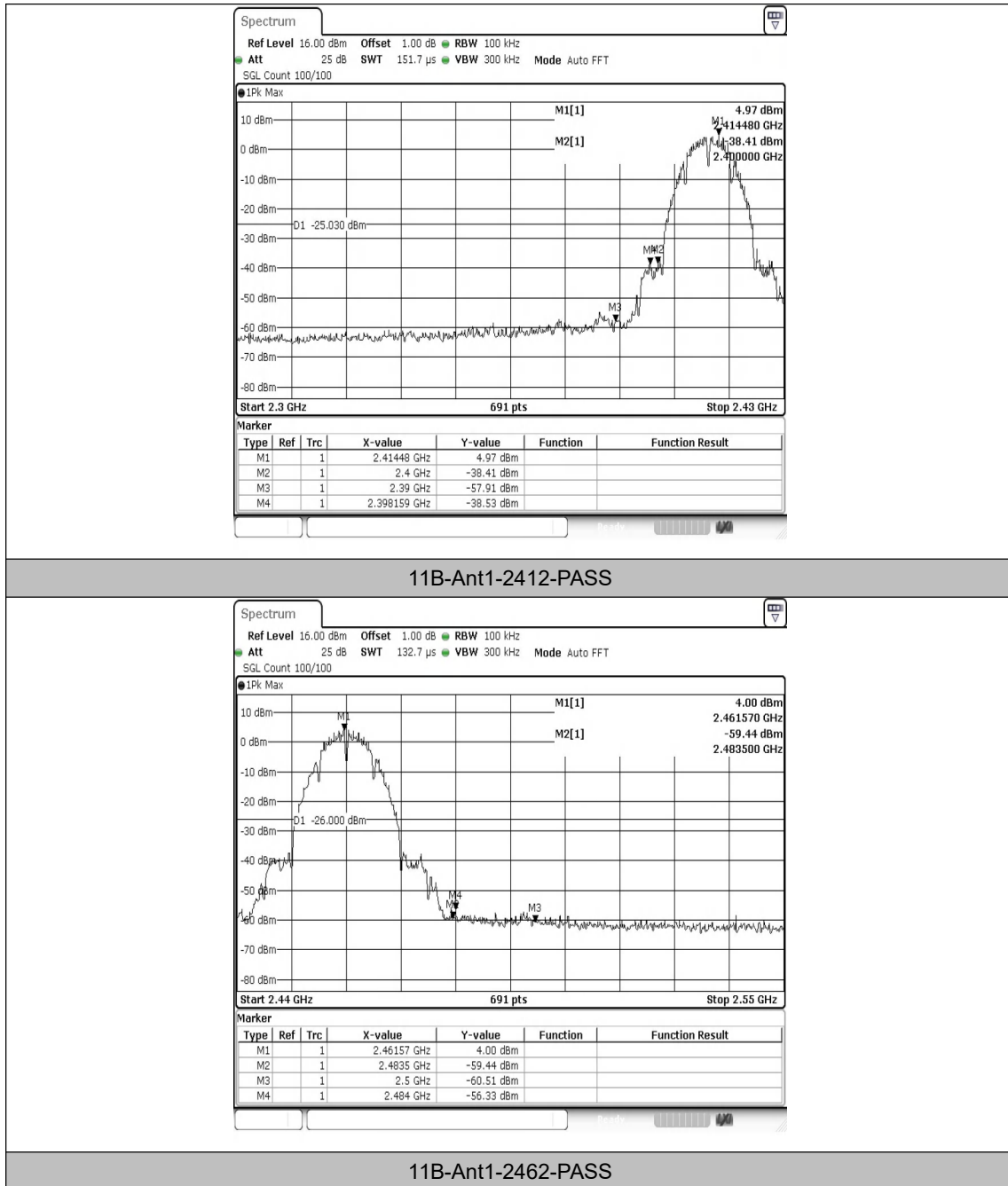
Test Result

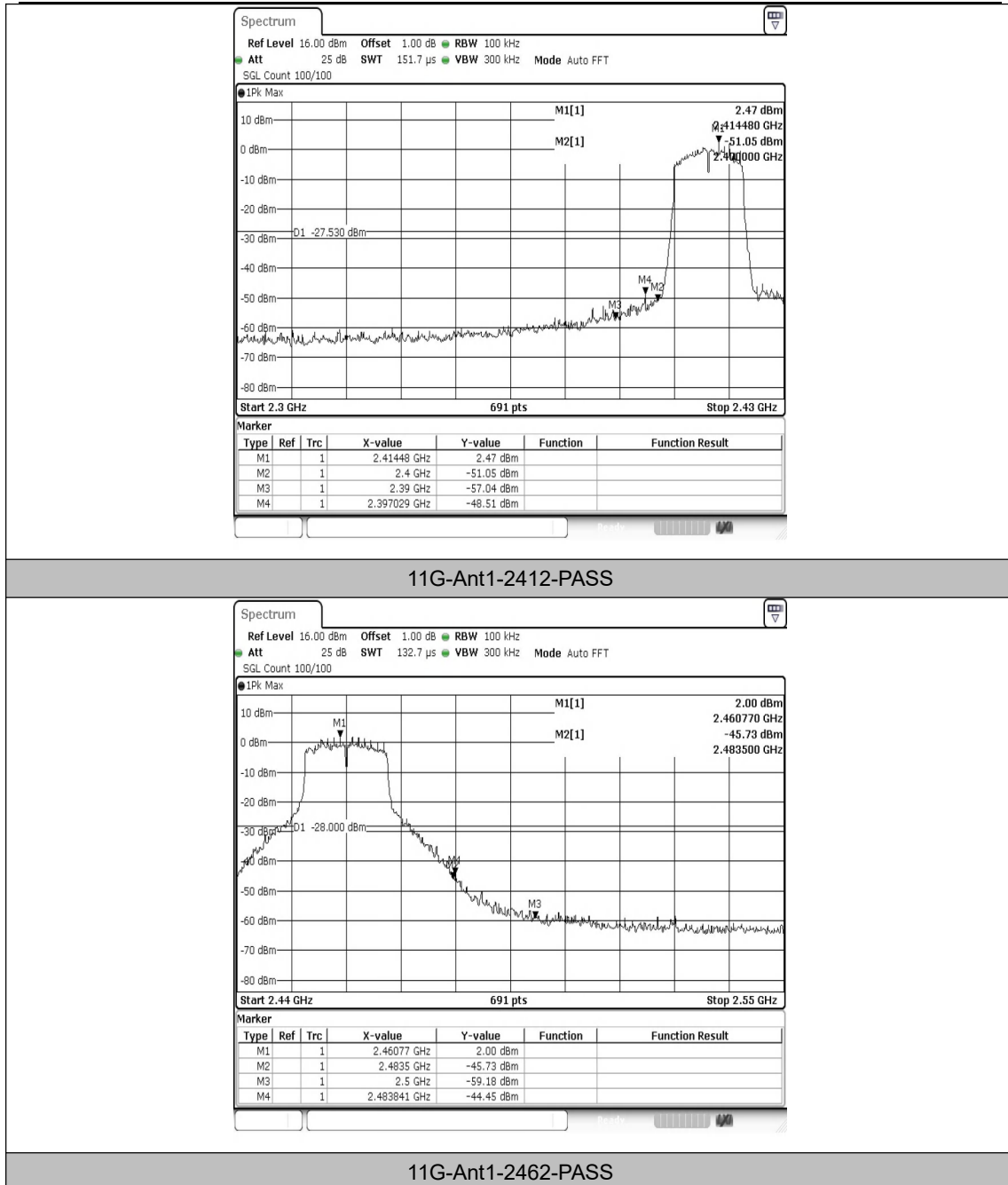
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11B	Ant1	Low	2412	4.97	-38.53	≤-25.03	PASS
11B	Ant1	High	2462	4.00	-56.33	≤-26	PASS
11G	Ant1	Low	2412	2.47	-48.51	≤-27.53	PASS
11G	Ant1	High	2462	2.00	-44.45	≤-28	PASS
11N20SISO	Ant1	Low	2412	3.70	-48.47	≤-26.3	PASS
11N20SISO	Ant1	High	2462	0.61	-41.43	≤-29.39	PASS
11N40SISO	Ant1	Low	2422	-0.86	-31.56	≤-30.86	PASS
11N40SISO	Ant1	High	2452	-1.07	-35.47	≤-31.07	PASS
11AX20SISO	Ant1	Low	2412	1.95	-33.1	≤-28.05	PASS
11AX20SISO	Ant1	High	2462	2.20	-40.03	≤-27.8	PASS
11AX40SISO	Ant1	Low	2422	0.55	-30.28	≤-29.45	PASS
11AX40SISO	Ant1	High	2452	0.52	-35.69	≤-29.48	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

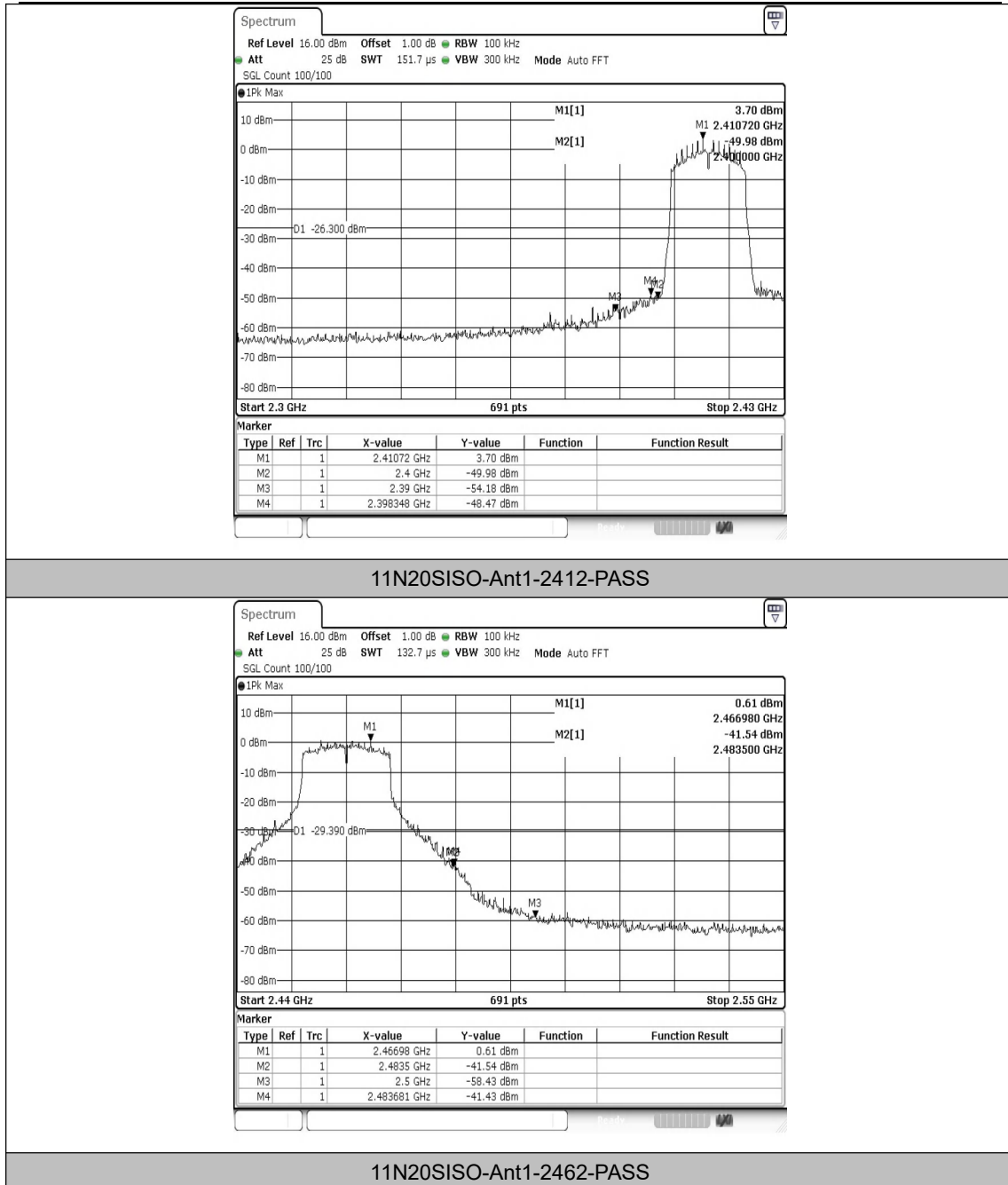




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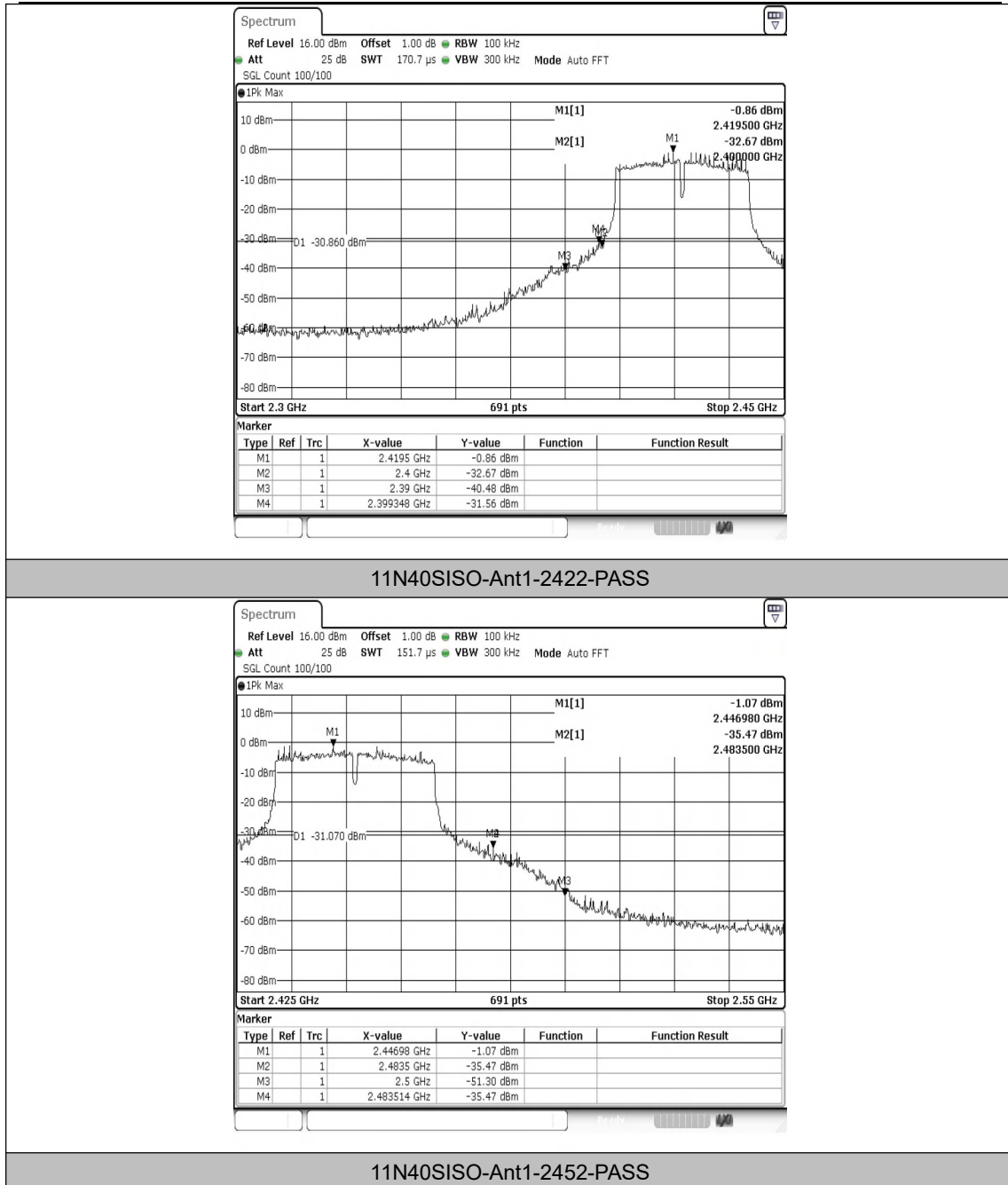
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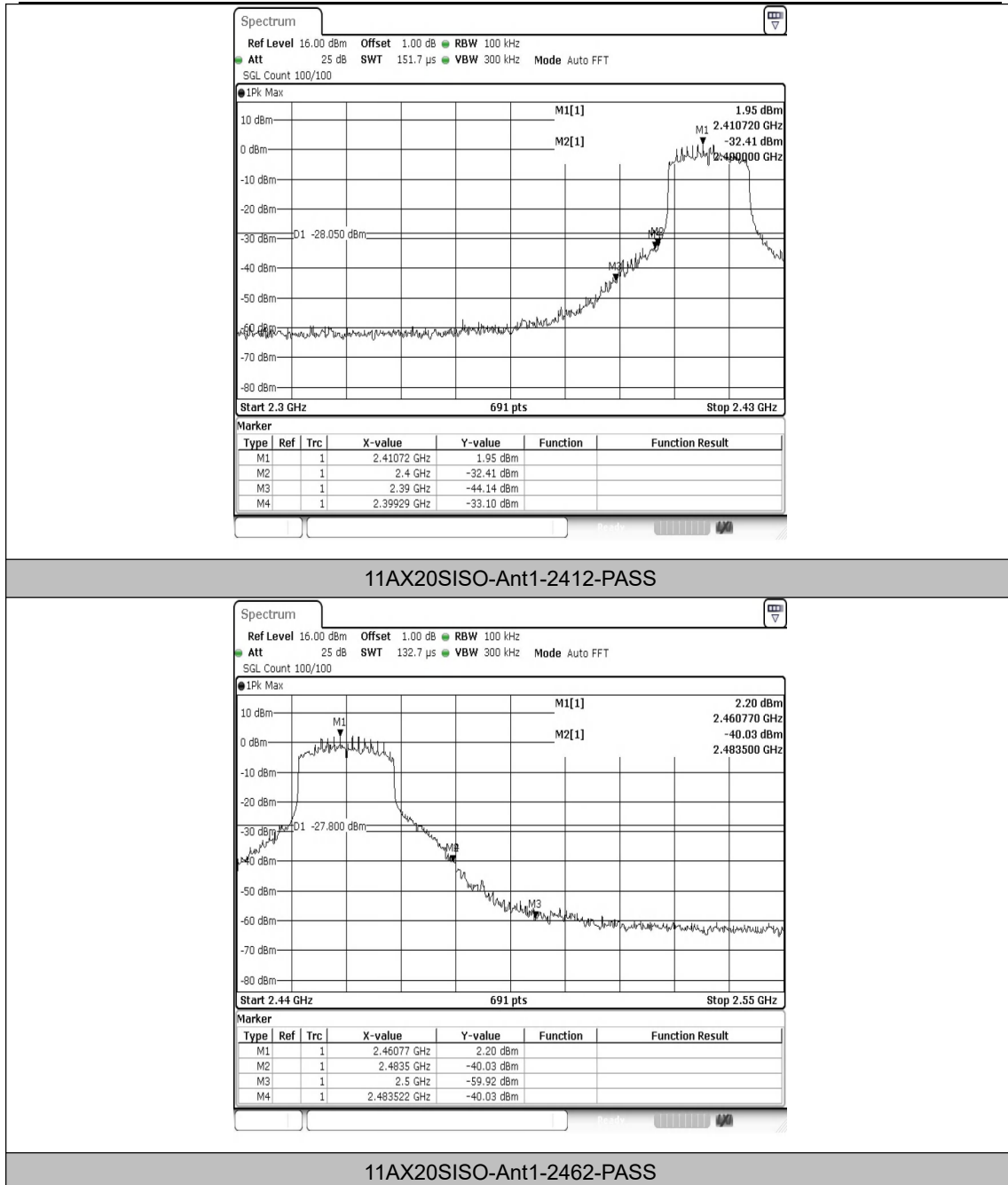
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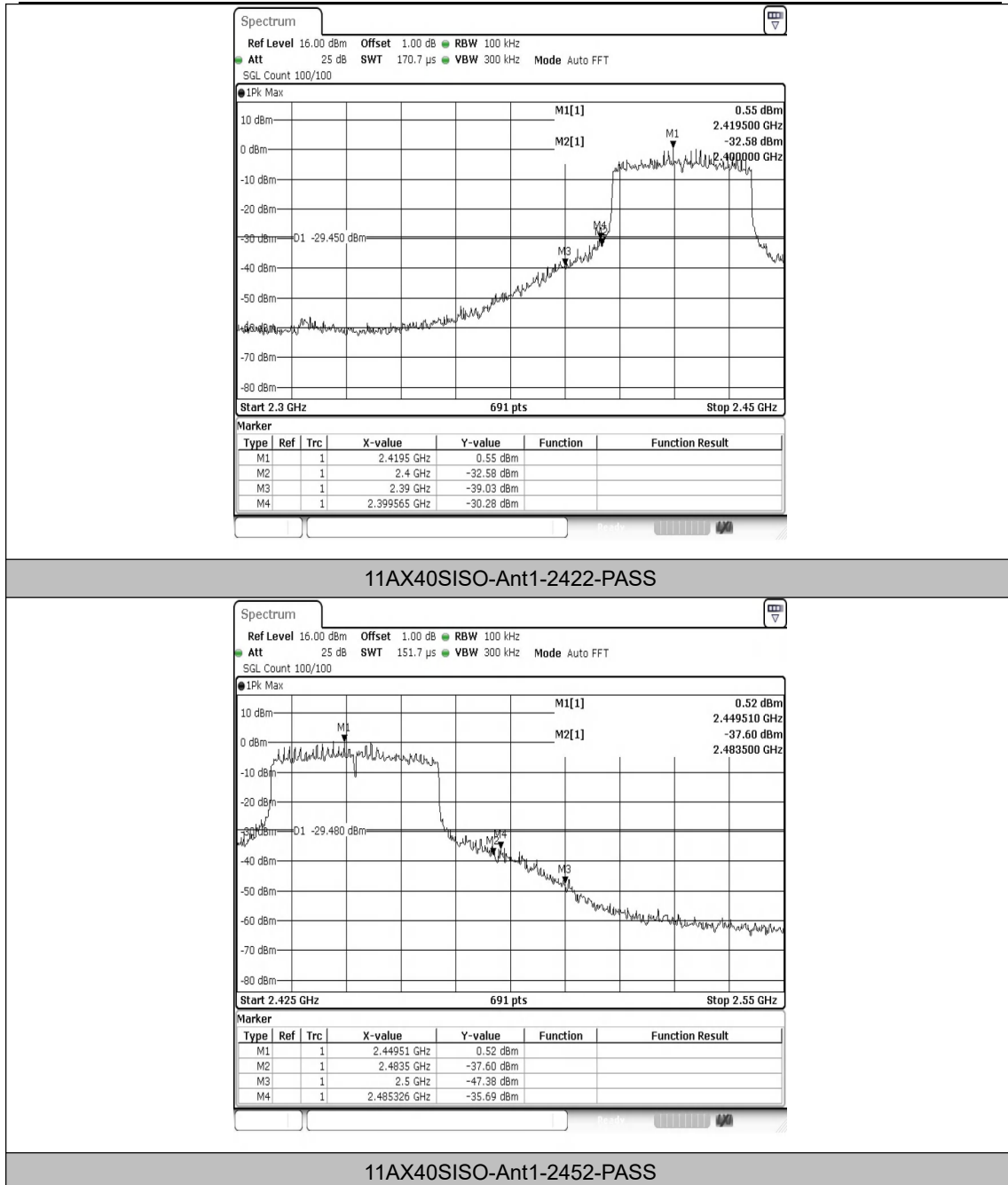


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Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.00	6.00	---	PASS
11B	Ant1	2412	30~1000	6.00	-64.44	≤-24	PASS
11B	Ant1	2412	1000~26500	6.00	-45.8	≤-24	PASS
11B	Ant1	2437	0~Reference	5.27	5.27	---	PASS
11B	Ant1	2437	30~1000	5.27	-64.44	≤-24.73	PASS
11B	Ant1	2437	1000~26500	5.27	-46.04	≤-24.73	PASS
11B	Ant1	2462	0~Reference	4.79	4.79	---	PASS
11B	Ant1	2462	30~1000	4.79	-65.3	≤-25.21	PASS
11B	Ant1	2462	1000~26500	4.79	-45.39	≤-25.21	PASS
11G	Ant1	2412	0~Reference	2.21	2.21	---	PASS
11G	Ant1	2412	30~1000	2.21	-69.16	≤-27.79	PASS
11G	Ant1	2412	1000~26500	2.21	-51.15	≤-27.79	PASS
11G	Ant1	2437	0~Reference	1.30	1.30	---	PASS
11G	Ant1	2437	30~1000	1.30	-67.97	≤-28.7	PASS
11G	Ant1	2437	1000~26500	1.30	-49.49	≤-28.7	PASS
11G	Ant1	2462	0~Reference	0.69	0.69	---	PASS
11G	Ant1	2462	30~1000	0.69	-68.29	≤-29.31	PASS
11G	Ant1	2462	1000~26500	0.69	-50.26	≤-29.31	PASS
11N20SISO	Ant1	2412	0~Reference	1.59	1.59	---	PASS
11N20SISO	Ant1	2412	30~1000	1.59	-68.82	≤-28.41	PASS
11N20SISO	Ant1	2412	1000~26500	1.59	-50.85	≤-28.41	PASS
11N20SISO	Ant1	2437	0~Reference	1.30	1.30	---	PASS
11N20SISO	Ant1	2437	30~1000	1.30	-69.18	≤-28.7	PASS
11N20SISO	Ant1	2437	1000~26500	1.30	-48.81	≤-28.7	PASS
11N20SISO	Ant1	2462	0~Reference	-0.01	-0.01	---	PASS
11N20SISO	Ant1	2462	30~1000	-0.01	-69.64	≤-30.01	PASS
11N20SISO	Ant1	2462	1000~26500	-0.01	-51.06	≤-30.01	PASS
11N40SISO	Ant1	2422	0~Reference	-1.75	-1.75	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.75	-69.02	≤-31.75	PASS
11N40SISO	Ant1	2422	1000~26500	-1.75	-51.38	≤-31.75	PASS
11N40SISO	Ant1	2437	0~Reference	-1.85	-1.85	---	PASS
11N40SISO	Ant1	2437	30~1000	-1.85	-67.53	≤-31.85	PASS
11N40SISO	Ant1	2437	1000~26500	-1.85	-50.39	≤-31.85	PASS
11N40SISO	Ant1	2452	0~Reference	-1.19	-1.19	---	PASS
11N40SISO	Ant1	2452	30~1000	-1.19	-68.85	≤-31.19	PASS
11N40SISO	Ant1	2452	1000~26500	-1.19	-52.5	≤-31.19	PASS

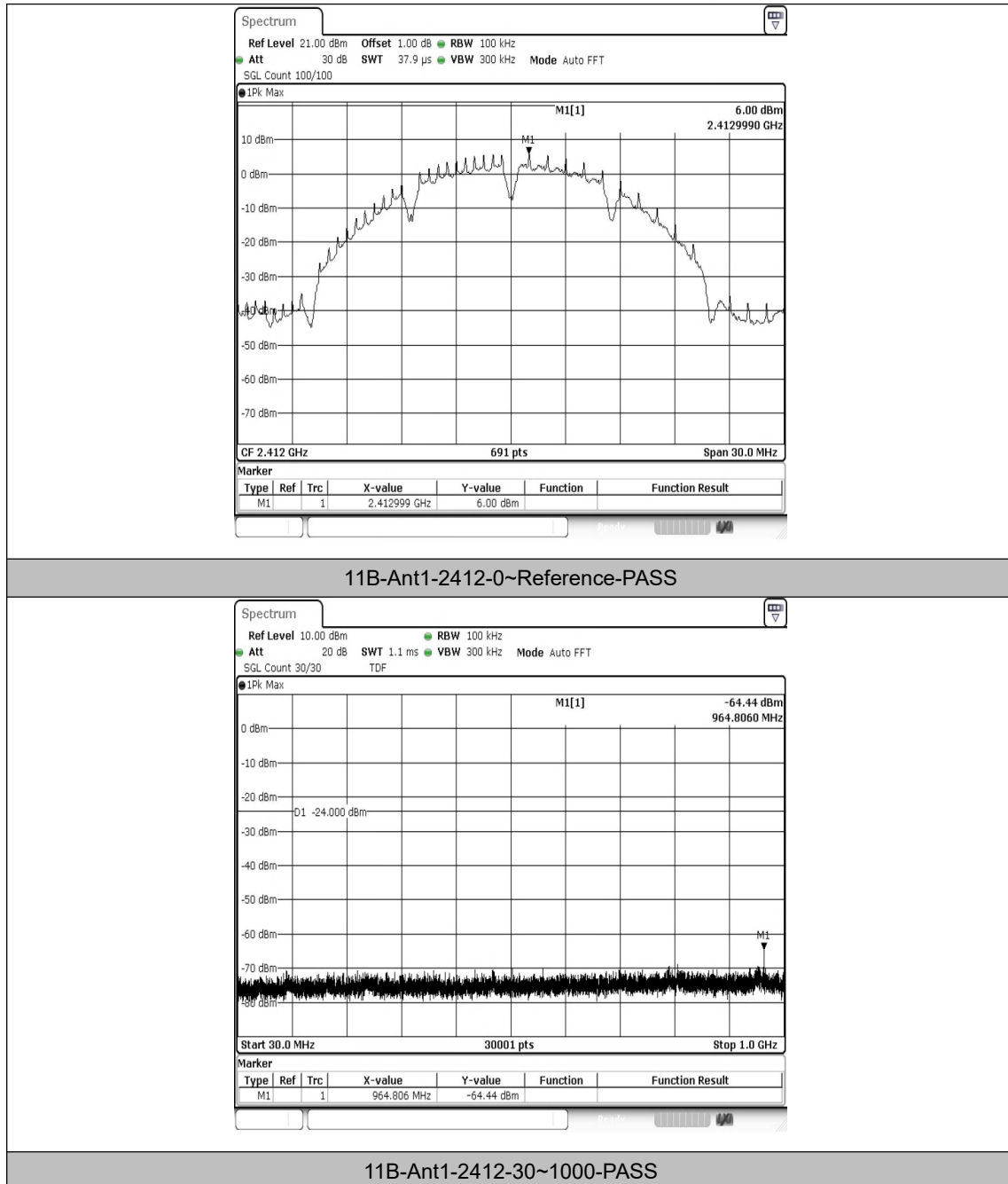
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11AX20SISO	Ant1	2412	0~Reference	-0.23	-0.23	---	PASS
11AX20SISO	Ant1	2412	30~1000	-0.23	-68.54	≤-30.23	PASS
11AX20SISO	Ant1	2412	1000~26500	-0.23	-51.38	≤-30.23	PASS
11AX20SISO	Ant1	2437	0~Reference	1.77	1.77	---	PASS
11AX20SISO	Ant1	2437	30~1000	1.77	-68.86	≤-28.23	PASS
11AX20SISO	Ant1	2437	1000~26500	1.77	-48.52	≤-28.23	PASS
11AX20SISO	Ant1	2462	0~Reference	1.50	1.50	---	PASS
11AX20SISO	Ant1	2462	30~1000	1.50	-69.11	≤-28.5	PASS
11AX20SISO	Ant1	2462	1000~26500	1.50	-50.13	≤-28.5	PASS
11AX40SISO	Ant1	2422	0~Reference	-1.89	-1.89	---	PASS
11AX40SISO	Ant1	2422	30~1000	-1.89	-69	≤-31.89	PASS
11AX40SISO	Ant1	2422	1000~26500	-1.89	-50.54	≤-31.89	PASS
11AX40SISO	Ant1	2437	0~Reference	1.19	1.19	---	PASS
11AX40SISO	Ant1	2437	30~1000	1.19	-69.04	≤-28.81	PASS
11AX40SISO	Ant1	2437	1000~26500	1.19	-49.51	≤-28.81	PASS
11AX40SISO	Ant1	2452	0~Reference	0.75	0.75	---	PASS
11AX40SISO	Ant1	2452	30~1000	0.75	-66.73	≤-29.25	PASS
11AX40SISO	Ant1	2452	1000~26500	0.75	-48.92	≤-29.25	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.

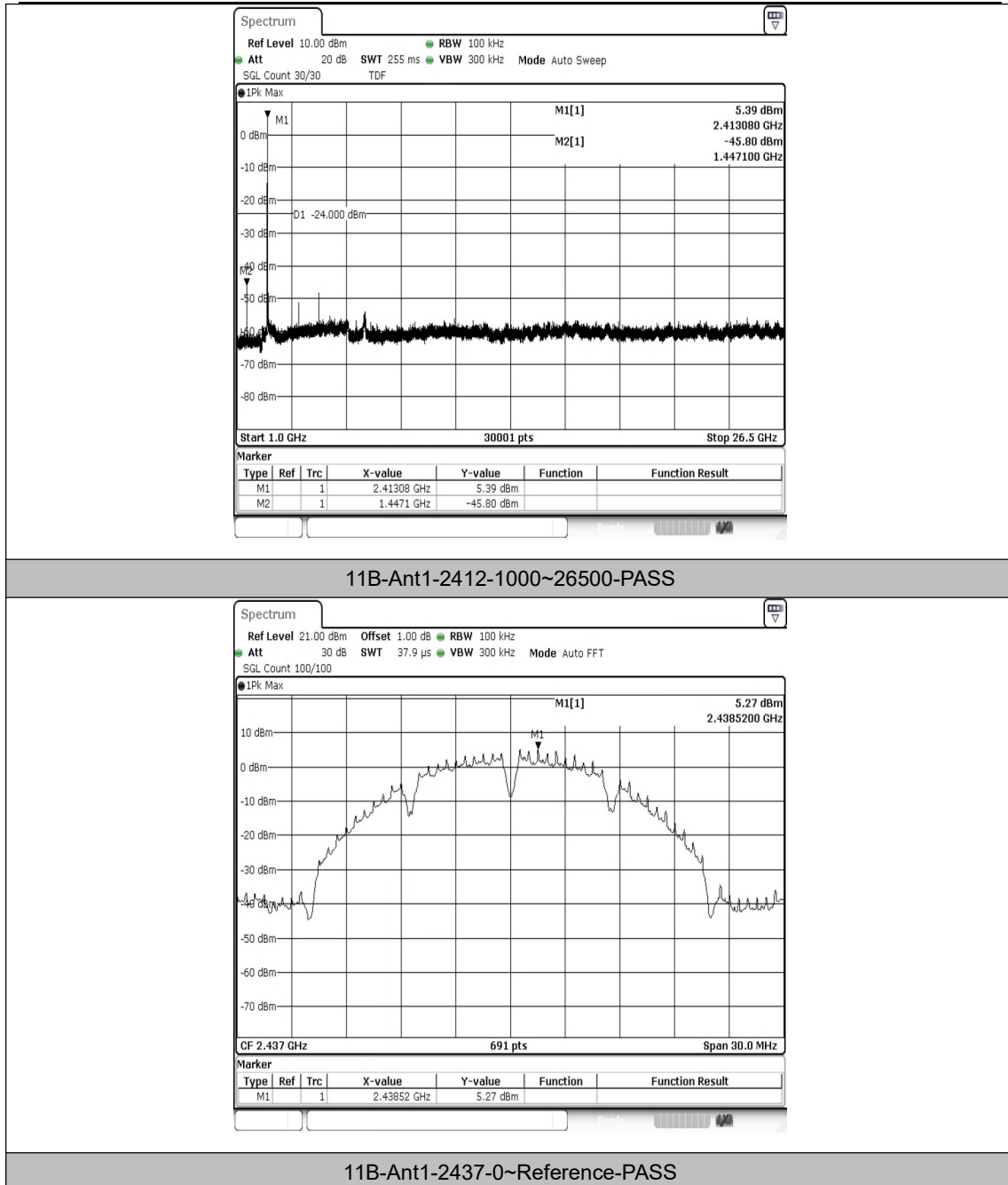
Test Graphs



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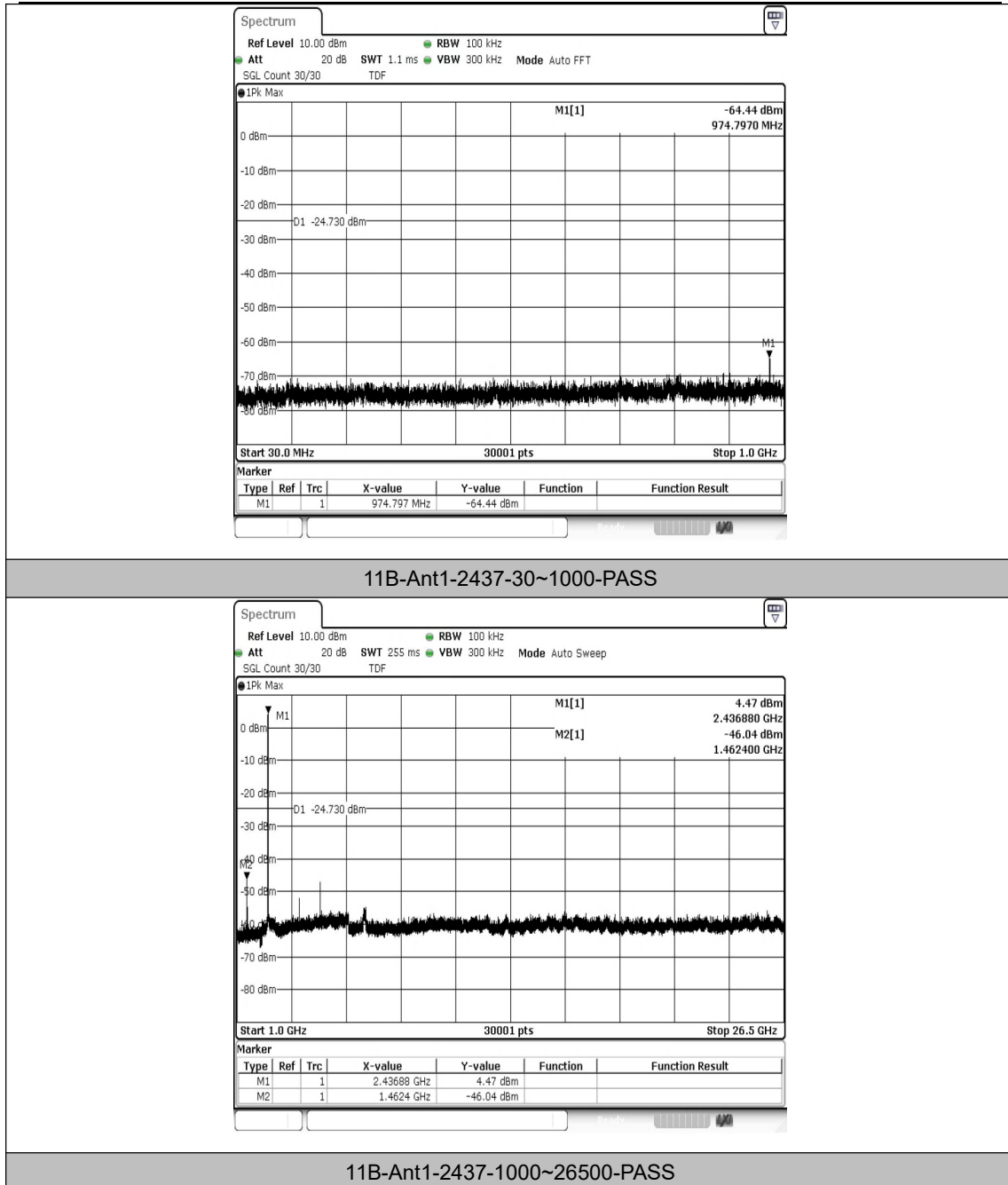
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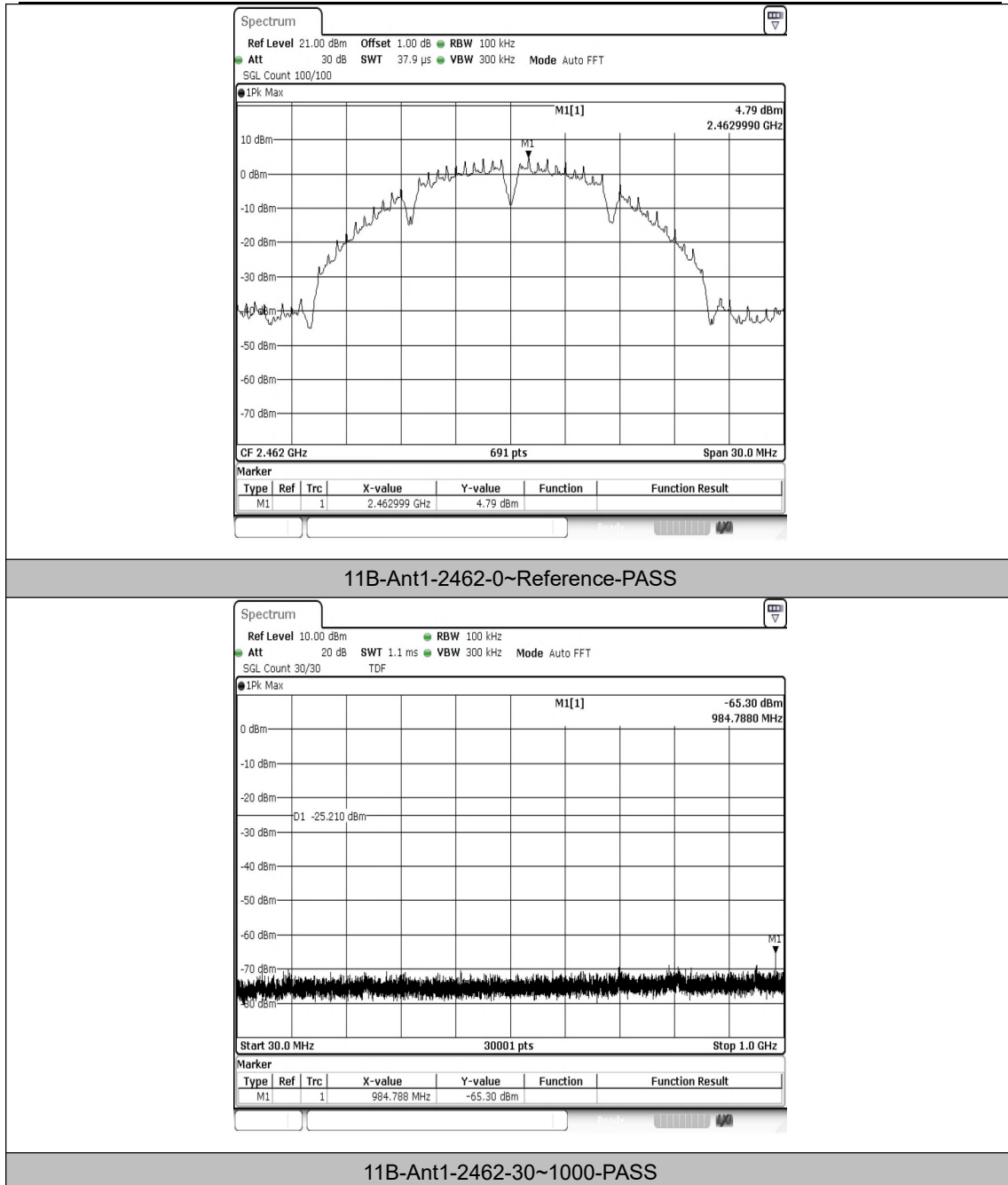


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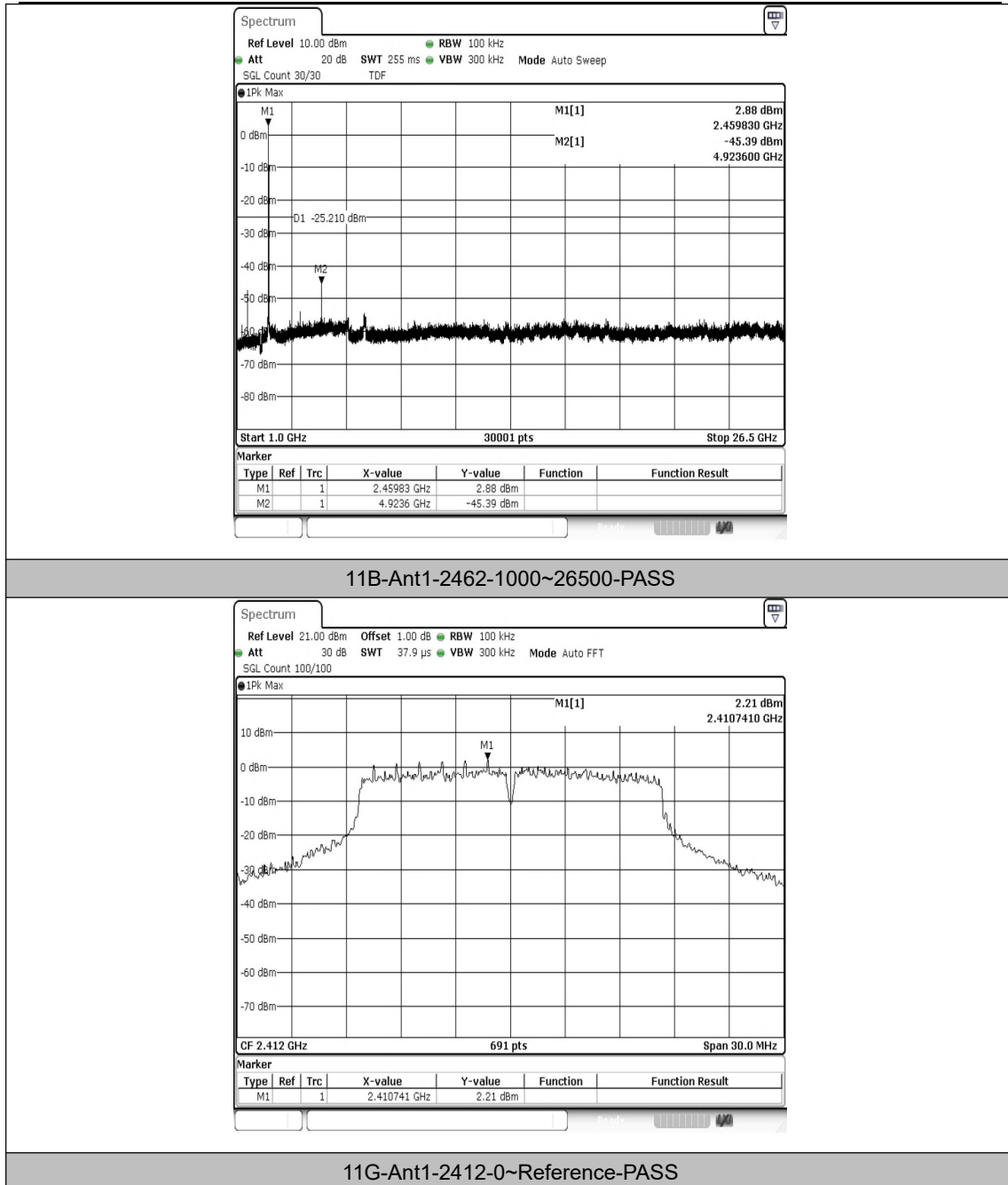
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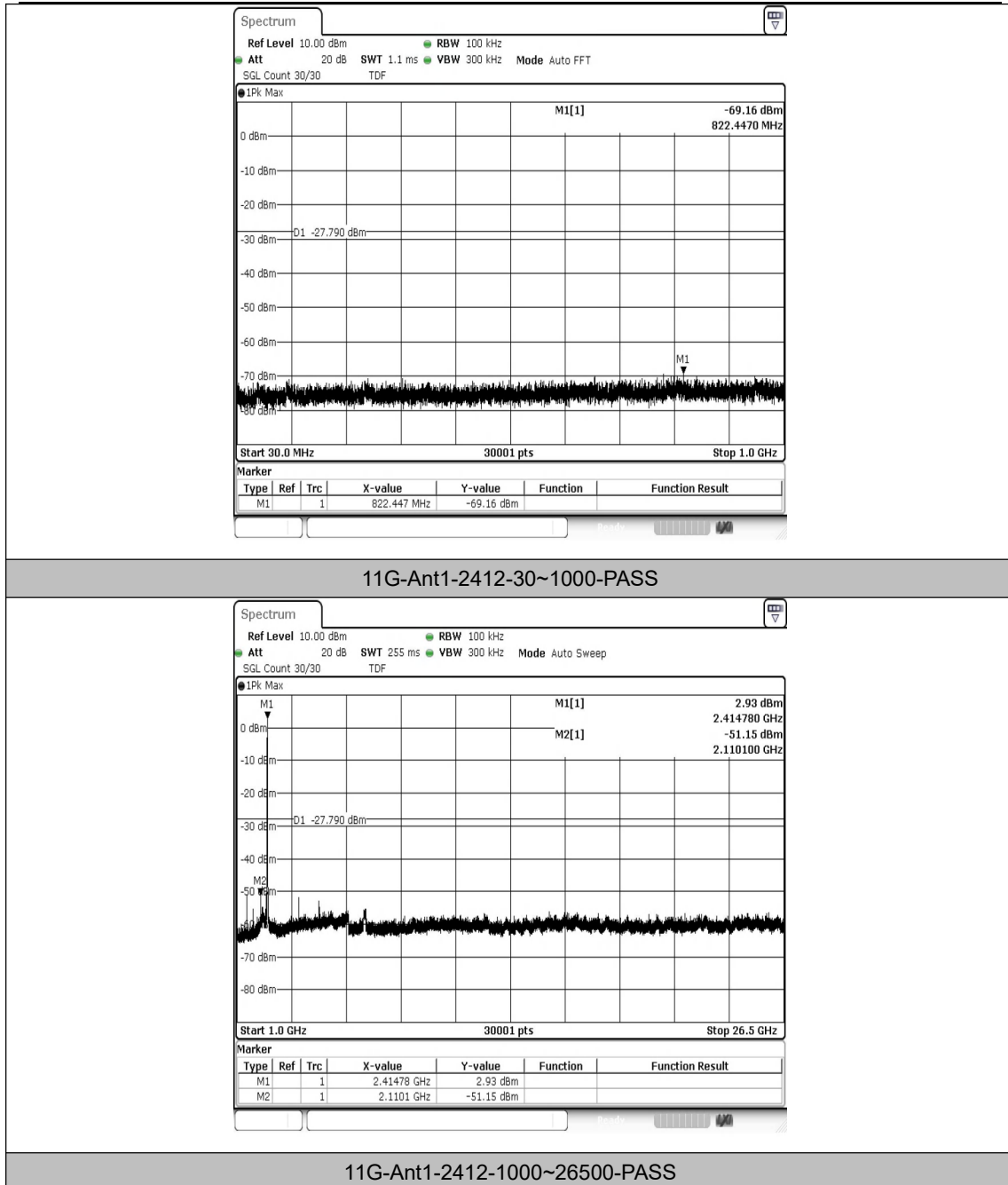
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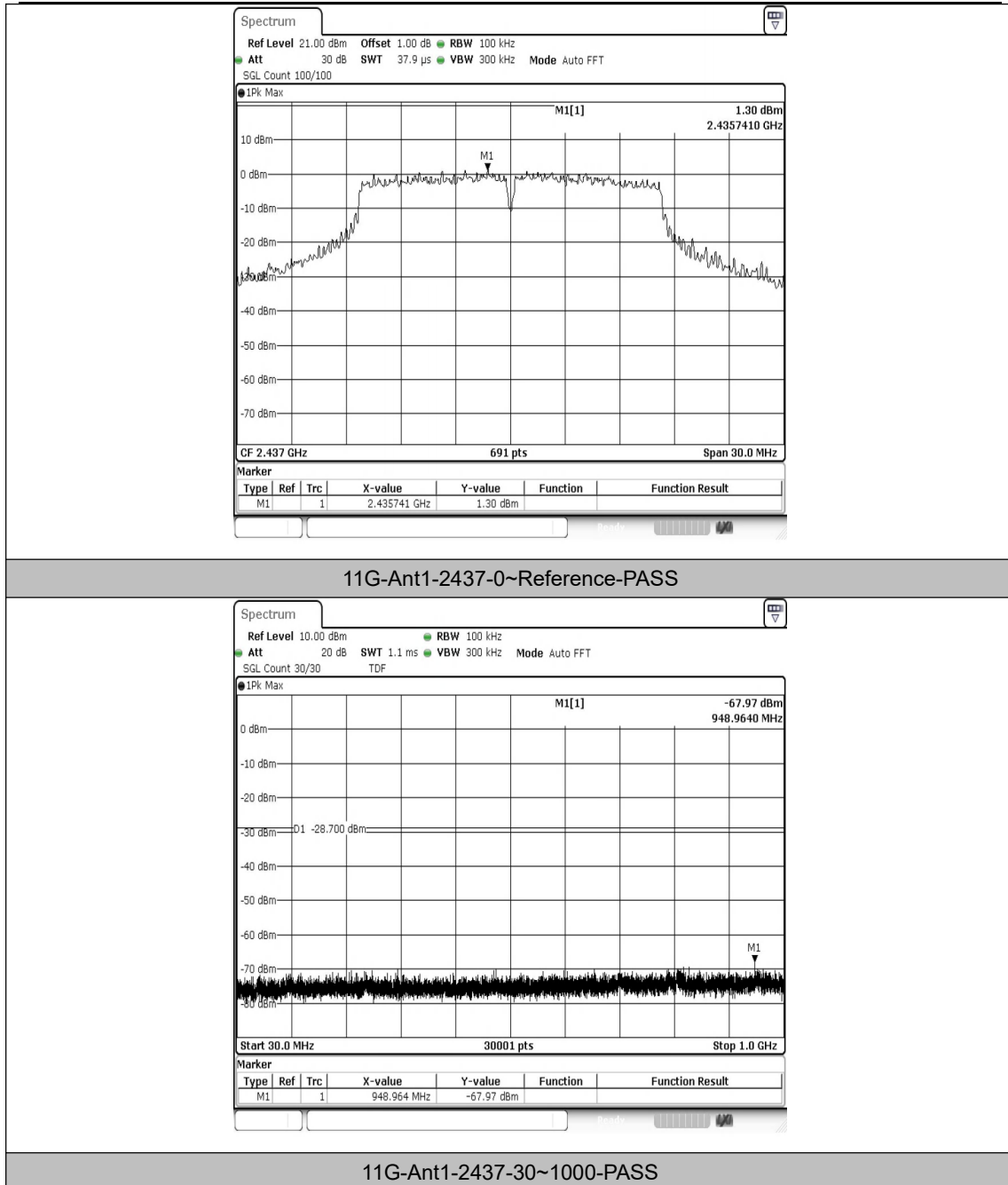
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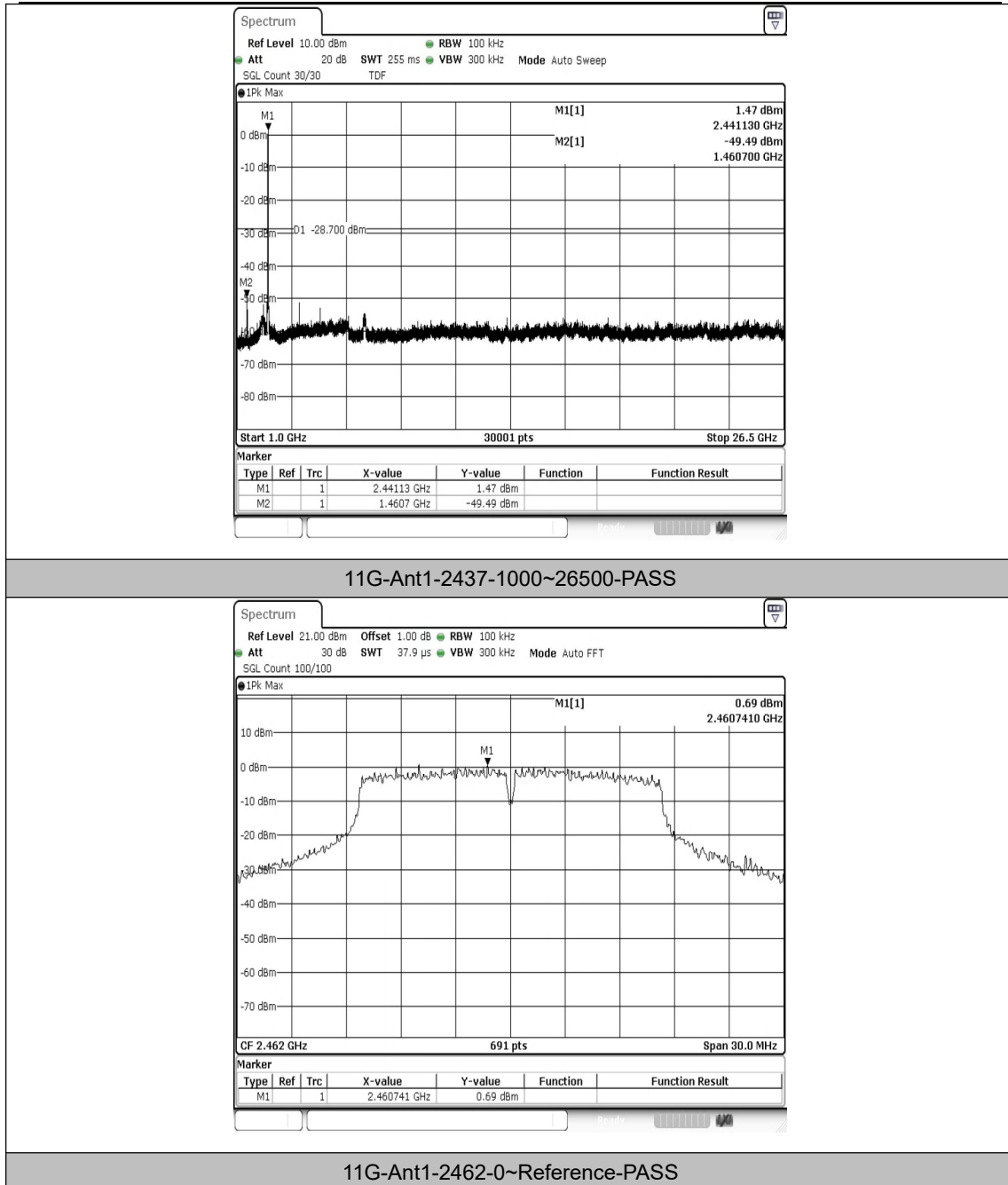
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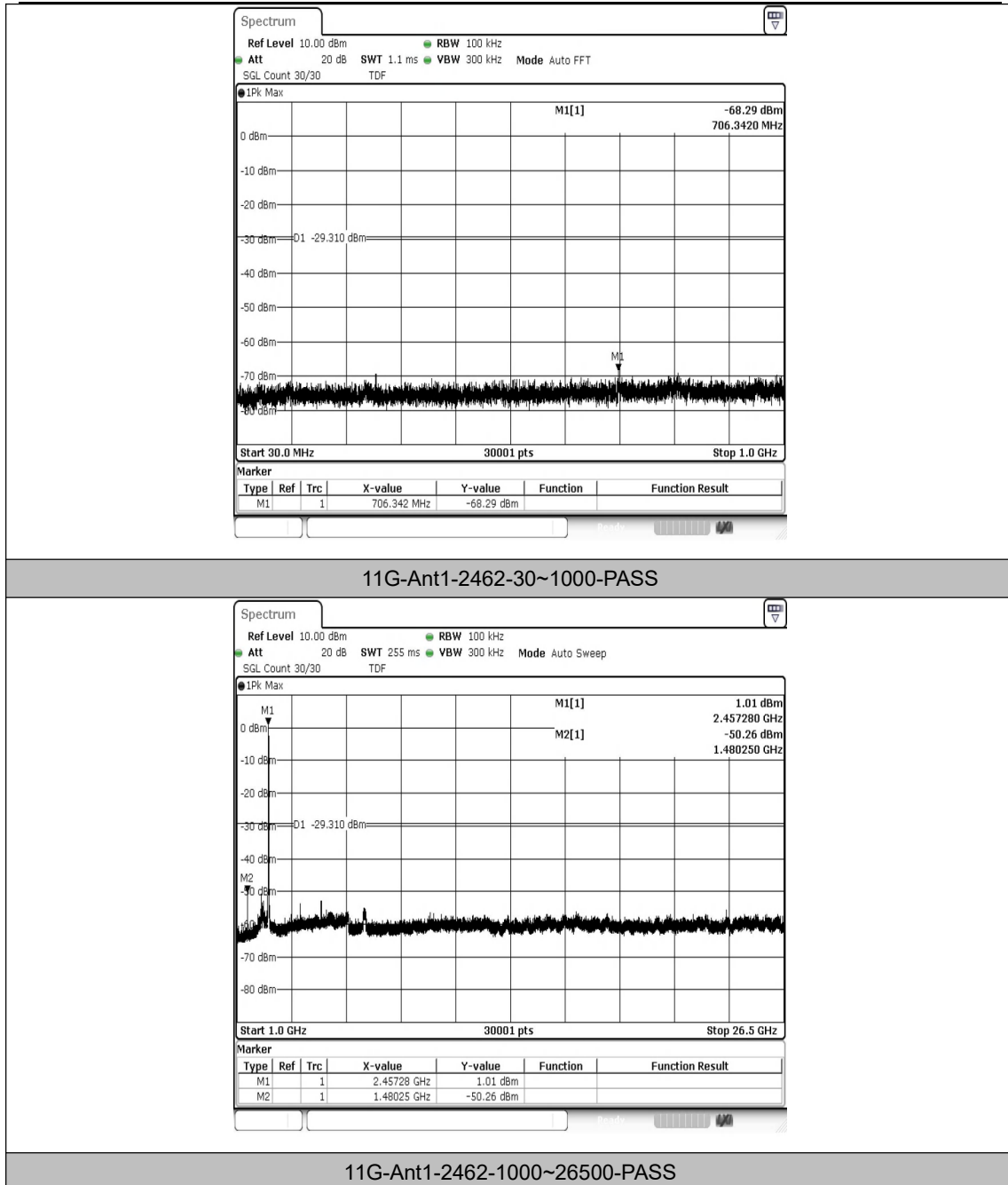
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