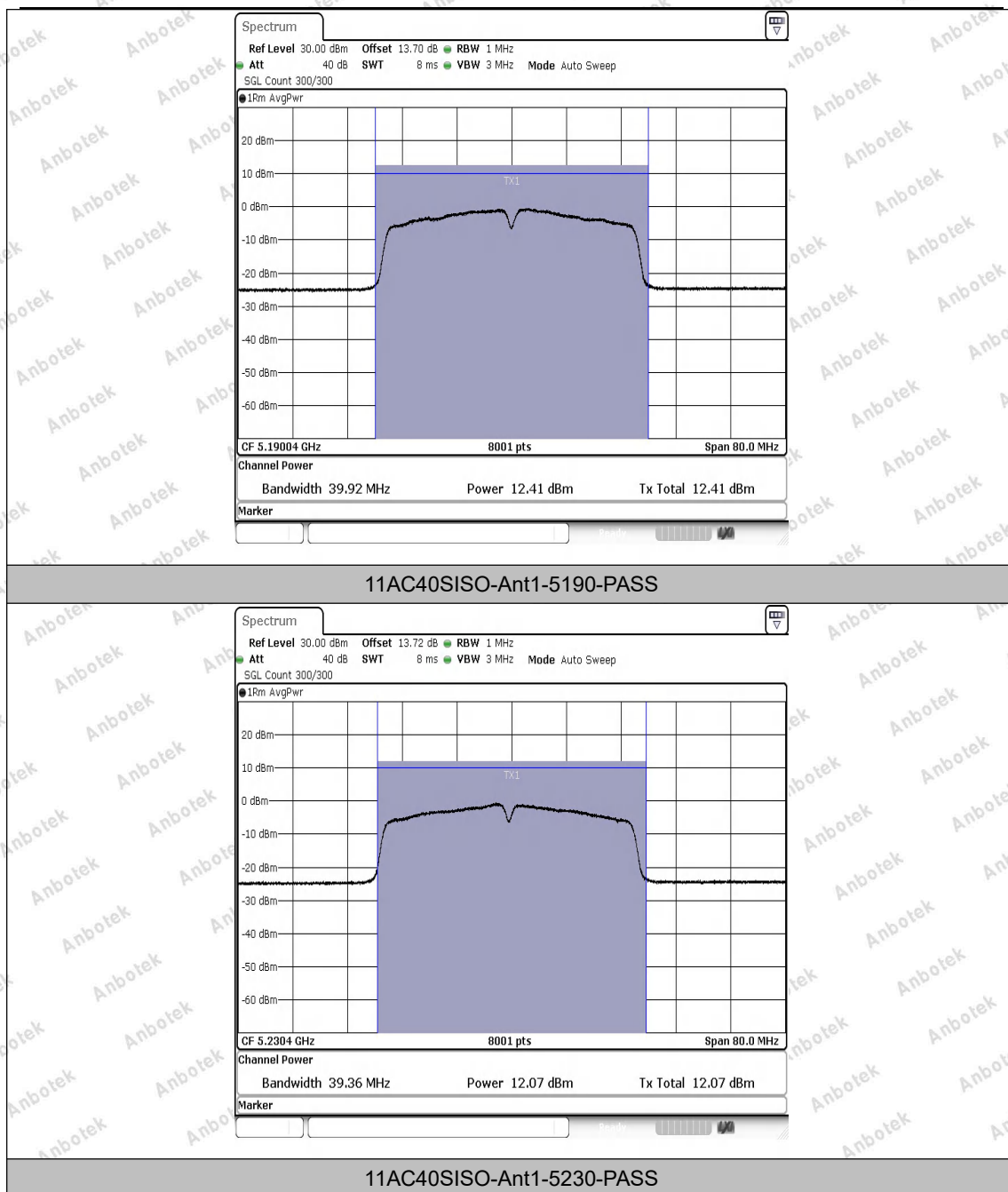
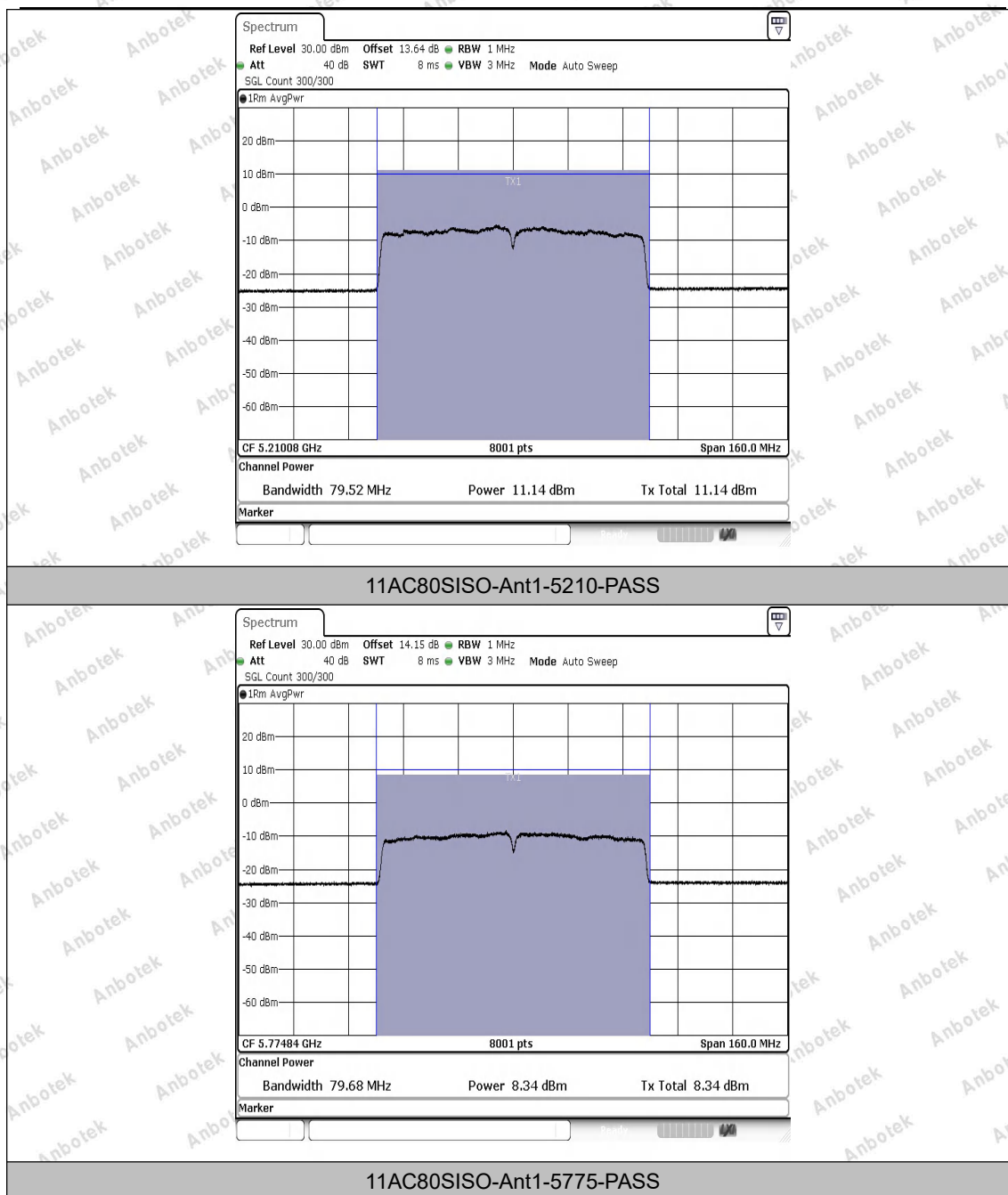








Appendix D: Maximum power spectral density

Test Result-B1

TestMode	Antenna	Frequency[MHz]	Reading Result[dBm/MHz]	DC Factor [dB]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.27	1.4	5.67	≤11.00	PASS
11A	Ant1	5200	3.79	1.4	5.19	≤11.00	PASS
11A	Ant1	5240	3.30	1.4	4.70	≤11.00	PASS
11N20SISO	Ant1	5180	3.33	1.46	4.79	≤11.00	PASS
11N20SISO	Ant1	5200	3.17	1.5	4.67	≤11.00	PASS
11N20SISO	Ant1	5240	3.03	1.43	4.46	≤11.00	PASS
11N40SISO	Ant1	5190	-0.38	2.58	2.20	≤11.00	PASS
11N40SISO	Ant1	5230	-0.34	2.55	2.21	≤11.00	PASS
11AC20SISO	Ant1	5180	3.08	1.48	4.56	≤11.00	PASS
11AC20SISO	Ant1	5200	2.69	1.5	4.19	≤11.00	PASS
11AC20SISO	Ant1	5240	3.00	1.45	4.45	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.58	2.59	2.01	≤11.00	PASS
11AC40SISO	Ant1	5230	-1.68	2.52	0.84	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.76	3.52	-2.24	≤11.00	PASS

Note:

1. The cable loss are compensated in the graph.

Test Result-B4

TestMode	Antenna	Frequency[MHz]	Reading Result[dBm/500KHz]	DC Factor [dB]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-1.24	1.43	0.19	≤30.00	PASS
11A	Ant1	5785	-1.32	1.4	0.08	≤30.00	PASS
11A	Ant1	5825	-1.84	1.38	-0.46	≤30.00	PASS
11N20SISO	Ant1	5745	-2.47	1.51	-0.96	≤30.00	PASS
11N20SISO	Ant1	5785	-2.02	1.53	-0.49	≤30.00	PASS
11N20SISO	Ant1	5825	-2.40	1.46	-0.94	≤30.00	PASS
11N40SISO	Ant1	5755	-6.16	2.58	-3.58	≤30.00	PASS
11N40SISO	Ant1	5795	-5.86	2.58	-3.28	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.44	1.48	-0.96	≤30.00	PASS
11AC20SISO	Ant1	5785	-2.60	1.45	-1.15	≤30.00	PASS
11AC20SISO	Ant1	5825	-2.92	1.45	-1.47	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.42	2.59	-3.83	≤30.00	PASS
11AC40SISO	Ant1	5795	-6.09	2.52	-3.57	≤30.00	PASS
11AC80SISO	Ant1	5775	-11.33	3.58	-7.75	≤30.00	PASS

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

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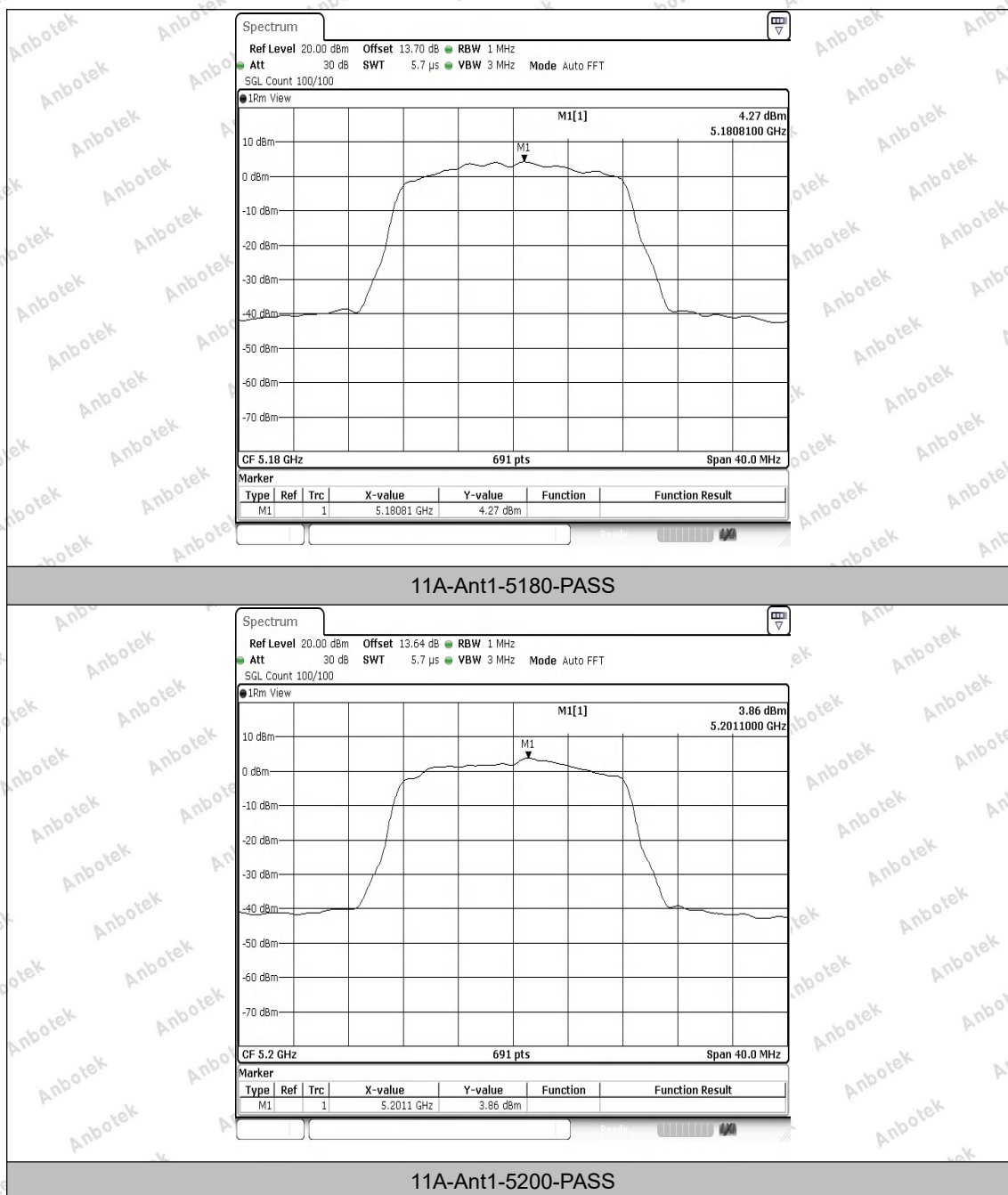
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Test Graphs



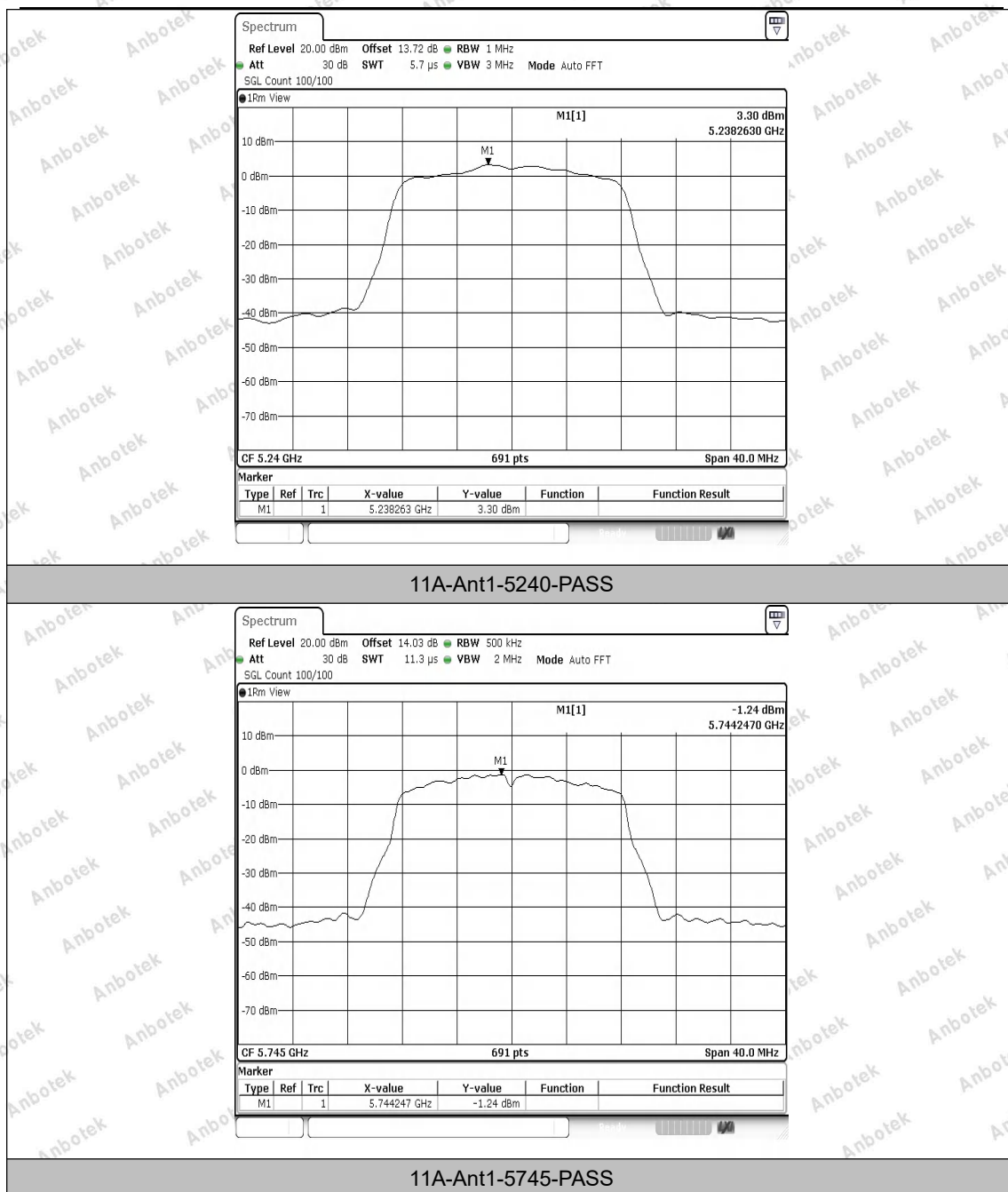
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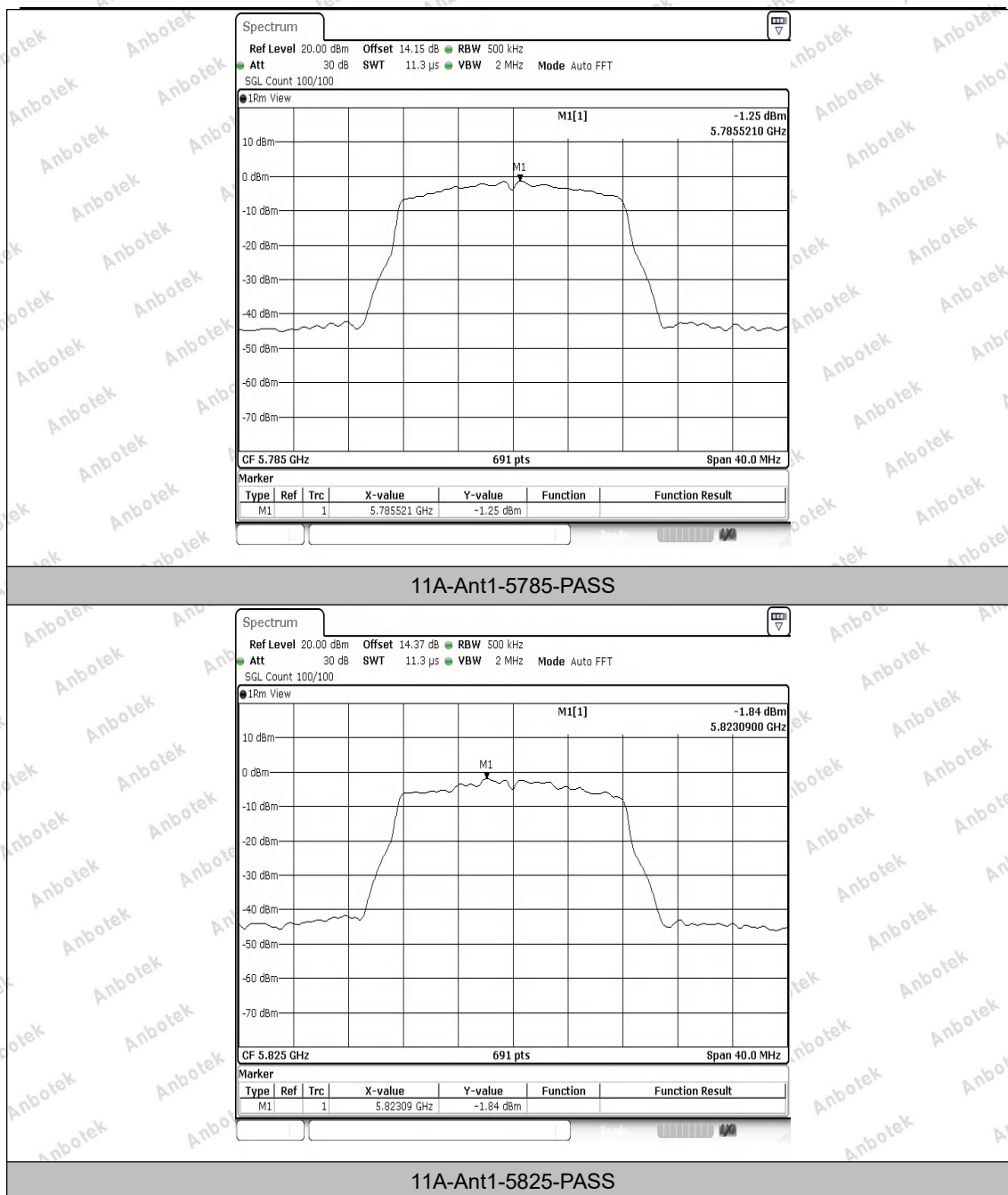
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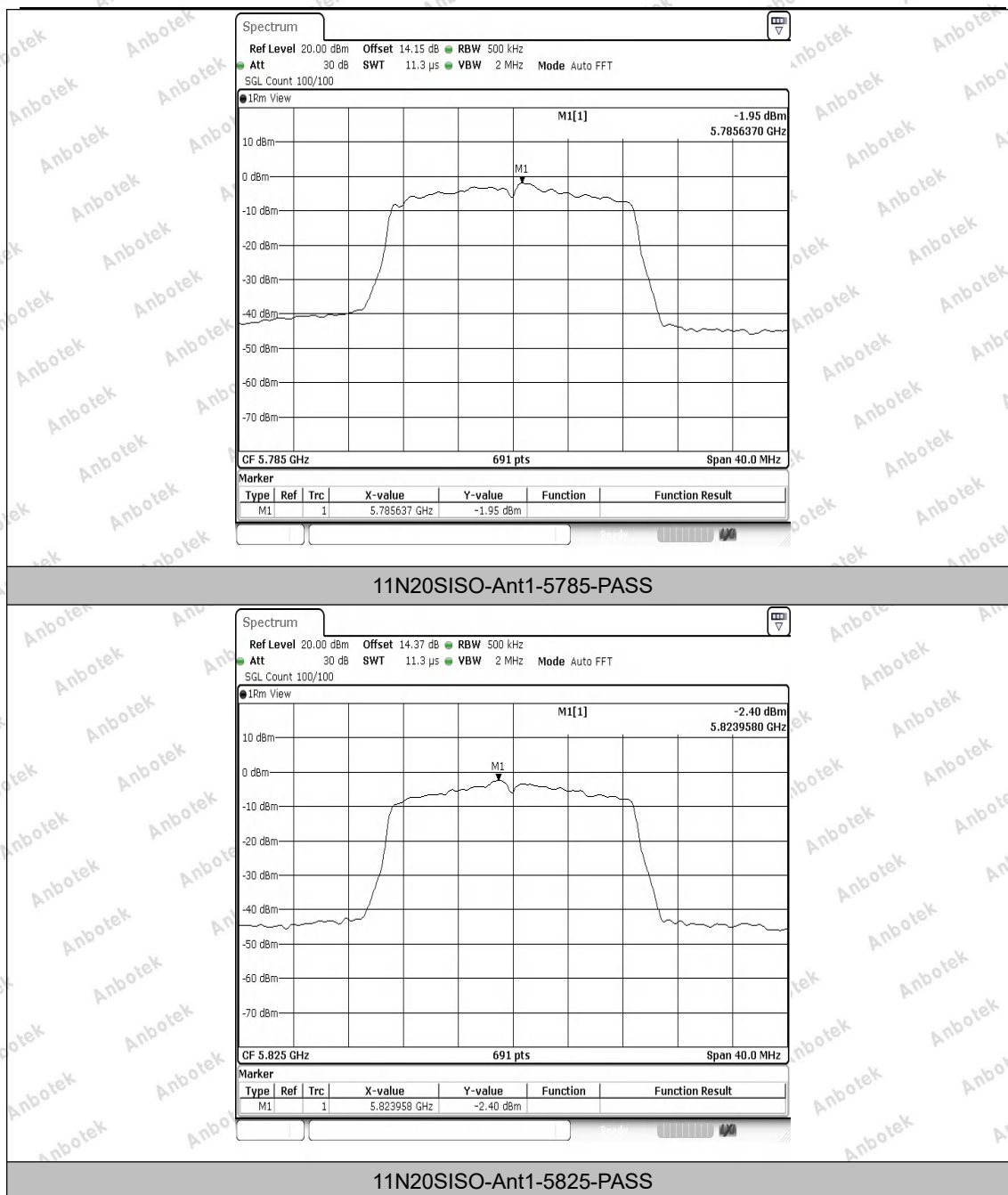
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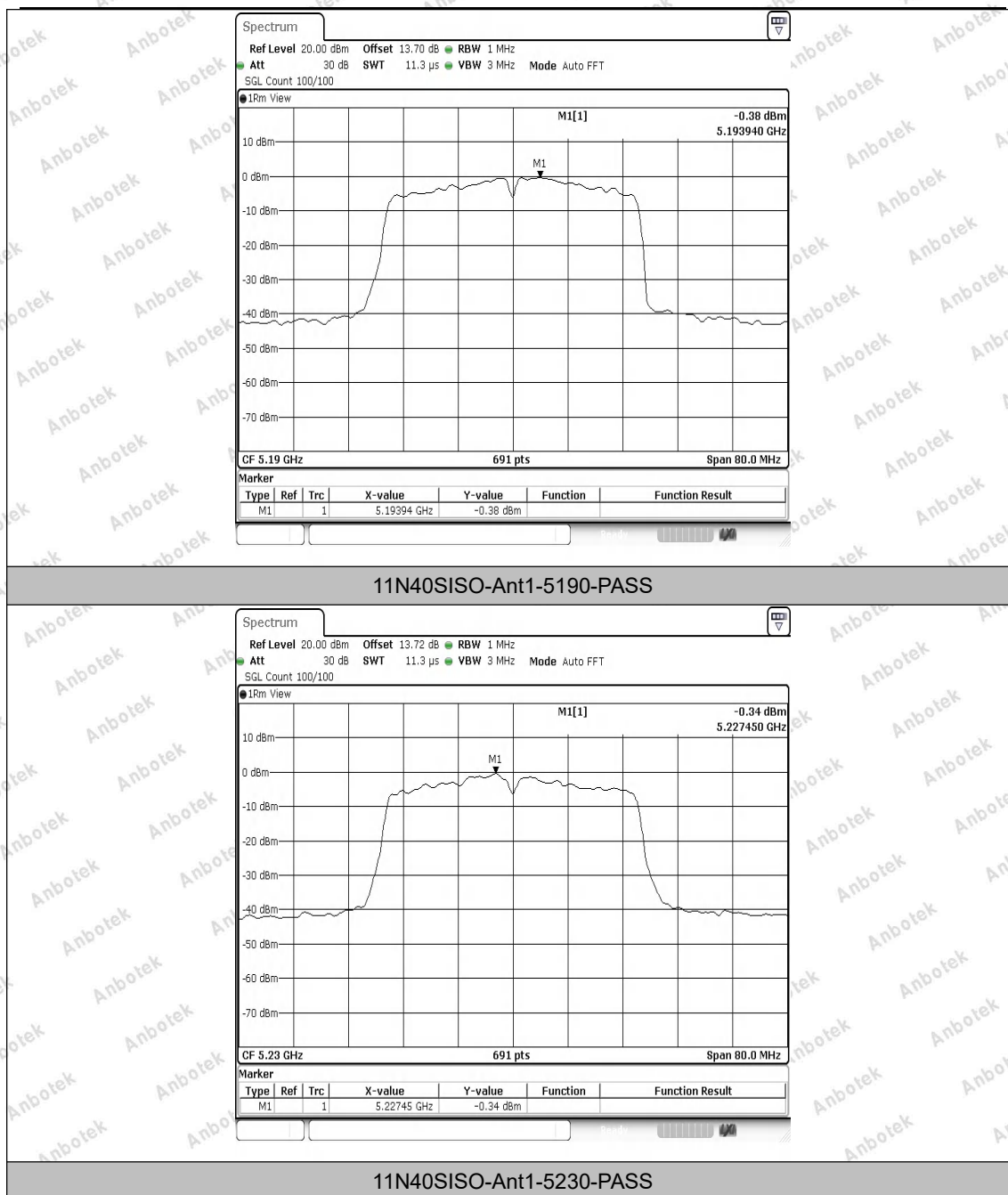
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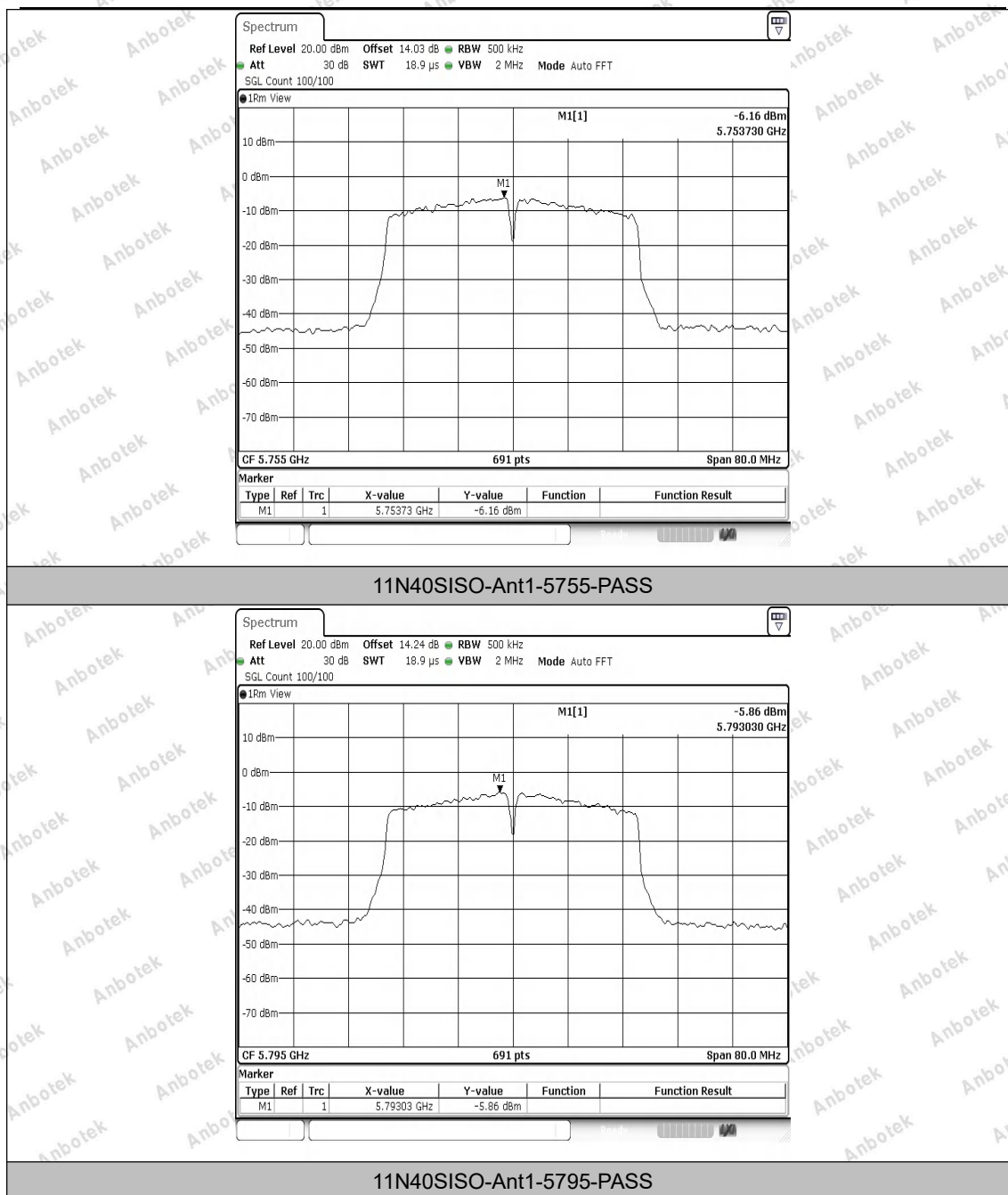
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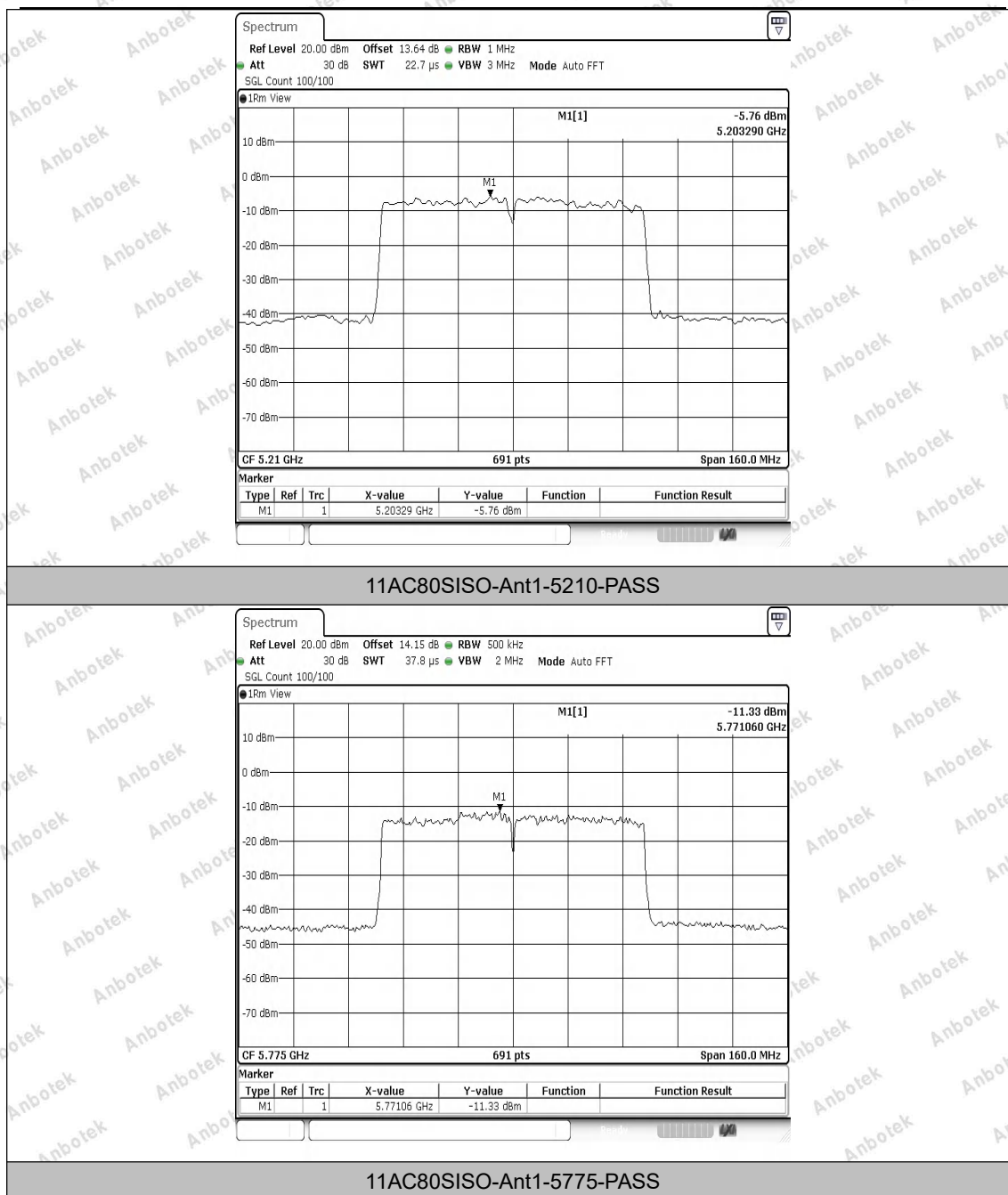
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Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.88	≤-27	PASS
11A	Ant1	High	5240	-49.4	≤-27	PASS
11N20SISO	Ant1	Low	5180	-33.59	≤-27	PASS
11N20SISO	Ant1	High	5240	-48.74	≤-27	PASS
11N40SISO	Ant1	Low	5190	-27.11	≤-27	PASS
11N40SISO	Ant1	High	5230	-47.72	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-31.14	≤-27	PASS
11AC20SISO	Ant1	High	5240	-49.52	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-28.59	≤-27	PASS
11AC40SISO	Ant1	High	5230	-49.38	≤-27	PASS
11AC80SISO	Ant1	High	5210	-48.5	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-35.46	≤-27	PASS

Note: The margin is at least greater than the antenna gain plus the cable loss.

Test Result B4

TestMode	Antenna	ChName	Frequency [MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-43.23	≤15.98	PASS
11A	Ant1	Low	5745	5700~5720	-41.41	≤15.37	PASS
11A	Ant1	Low	5745	5650~5700	-49.88	≤-26.88	PASS
11A	Ant1	Low	5745	5760~5650	-49.39	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-41.88	≤16.54	PASS
11A	Ant1	High	5825	5855~5875	-42.21	≤15.33	PASS
11A	Ant1	High	5825	5875~5925	-48.68	≤-25.13	PASS
11A	Ant1	High	5825	5925~5935	-49.08	≤-27	PASS
11N20SISO	Ant1	Low	5745	5720~5725	-43.97	≤15.98	PASS
11N20SISO	Ant1	Low	5745	5700~5720	-47.71	≤10.05	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-51.15	≤-26.38	PASS
11N20SISO	Ant1	Low	5745	5760~5650	-50.18	≤-27	PASS
11N20SISO	Ant1	High	5825	5850~5855	-46.47	≤16.10	PASS
11N20SISO	Ant1	High	5825	5855~5875	-48.94	≤10.29	PASS
11N20SISO	Ant1	High	5825	5875~5925	-48.15	≤-26.73	PASS
11N20SISO	Ant1	High	5825	5925~5935	-49.04	≤-27	PASS
11N40SISO	Ant1	Low	5755	5720~5725	-42.42	≤15.90	PASS
11N40SISO	Ant1	Low	5755	5700~5720	-32.48	≤12.79	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-47.91	≤-26.50	PASS
11N40SISO	Ant1	Low	5755	5780~5650	-49.35	≤-27	PASS
11N40SISO	Ant1	High	5795	5850~5855	-48.02	≤15.85	PASS

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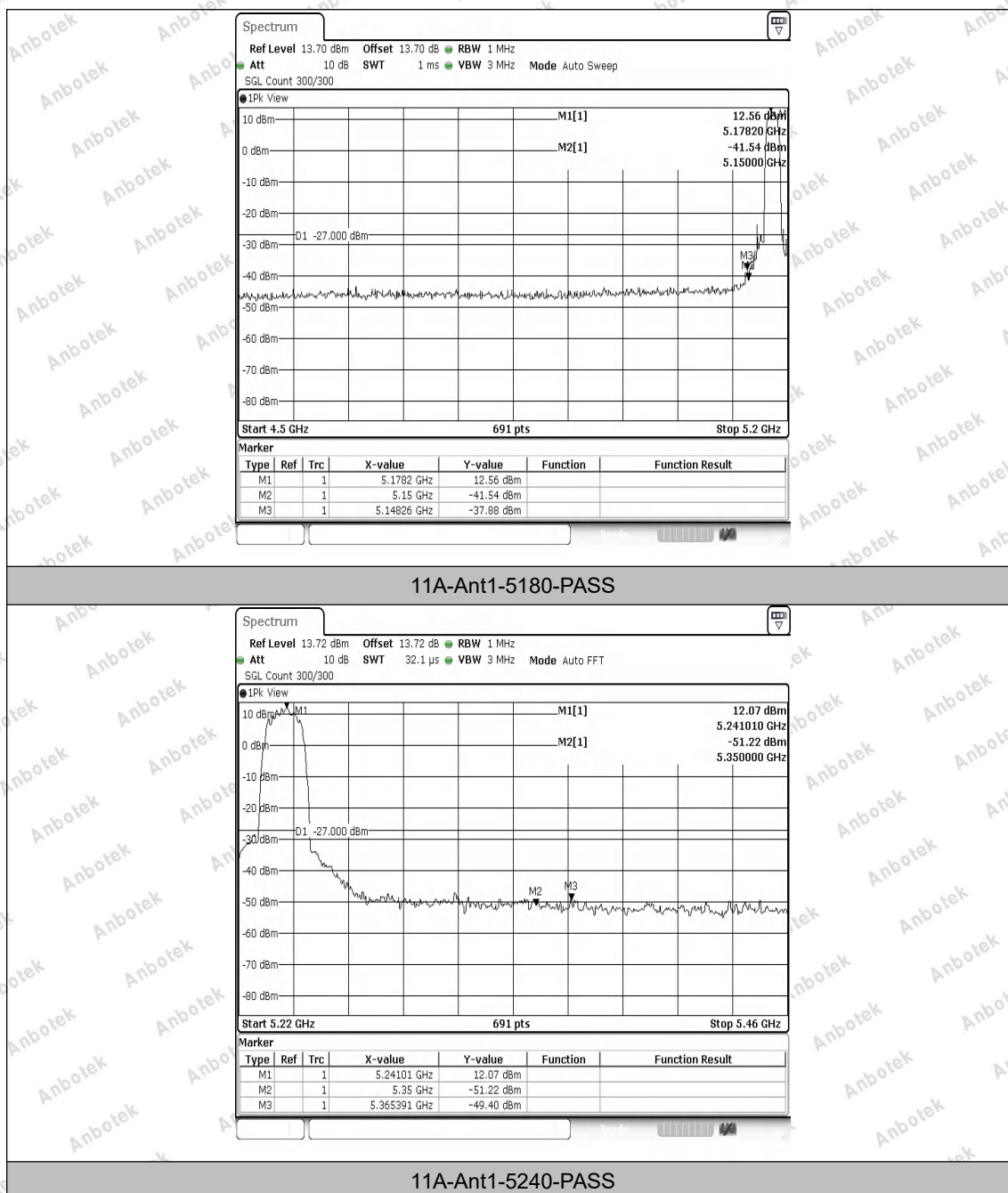


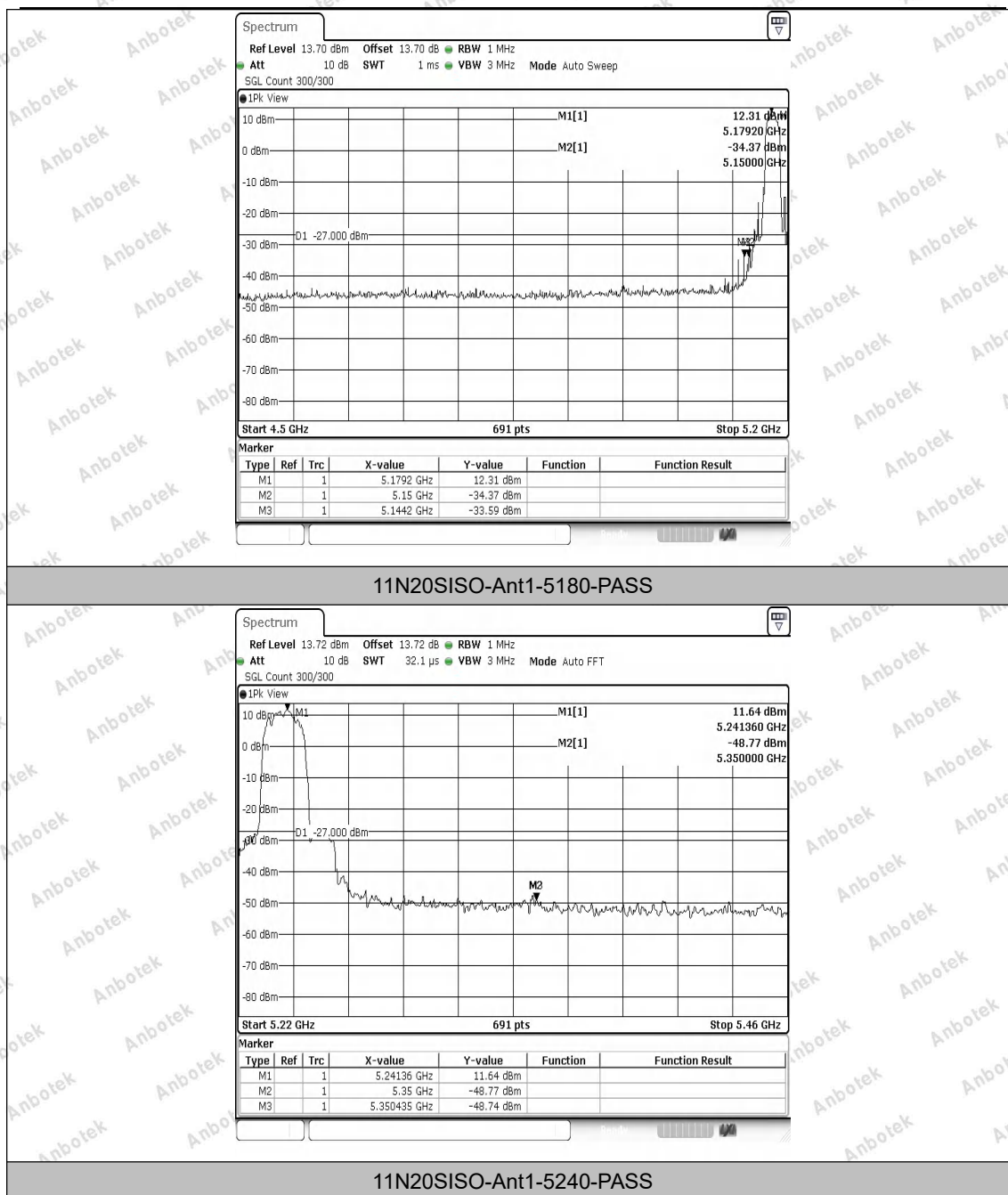
11N40SISO	Ant1	High	5795	5855~5875	-41.66	≤10.88	PASS
11N40SISO	Ant1	High	5795	5875~5925	-50.76	≤-26.97	PASS
11N40SISO	Ant1	High	5795	5925~5935	-49.74	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5720~5725	-44.64	≤15.98	PASS
11AC20SISO	Ant1	Low	5745	5700~5720	-47.73	≤10.61	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-50.77	≤-26.88	PASS
11AC20SISO	Ant1	Low	5745	5760~5650	-50.57	≤-27	PASS
11AC20SISO	Ant1	High	5825	5850~5855	-48.48	≤15.65	PASS
11AC20SISO	Ant1	High	5825	5855~5875	-48.03	≤10.13	PASS
11AC20SISO	Ant1	High	5825	5875~5925	-50.43	≤-26.58	PASS
11AC20SISO	Ant1	High	5825	5925~5935	-49.93	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5720~5725	-40.67	≤16.79	PASS
11AC40SISO	Ant1	Low	5755	5700~5720	-43.32	≤12.90	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-49.78	≤-26.94	PASS
11AC40SISO	Ant1	Low	5755	5780~5650	-49.8	≤-27	PASS
11AC40SISO	Ant1	High	5795	5850~5855	-49.18	≤15.85	PASS
11AC40SISO	Ant1	High	5795	5855~5875	-48.09	≤10.27	PASS
11AC40SISO	Ant1	High	5795	5875~5925	-50.91	≤-26.26	PASS
11AC40SISO	Ant1	High	5795	5925~5935	-50.23	≤-27	PASS
11AC80SISO	Ant1	Low	5775	5720~5725	-36.66	≤16.69	PASS
11AC80SISO	Ant1	Low	5775	5700~5720	-37.36	≤11.52	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-47.79	≤-25.55	PASS
11AC80SISO	Ant1	Low	5775	5800~5650	-48.36	≤-27	PASS
11AC80SISO	Ant1	High	5775	5850~5855	-37.52	≤15.98	PASS
11AC80SISO	Ant1	High	5775	5855~5875	-38.4	≤11.82	PASS
11AC80SISO	Ant1	High	5775	5875~5925	-53.19	≤-26.46	PASS
11AC80SISO	Ant1	High	5775	5925~5935	-51.39	≤-27	PASS

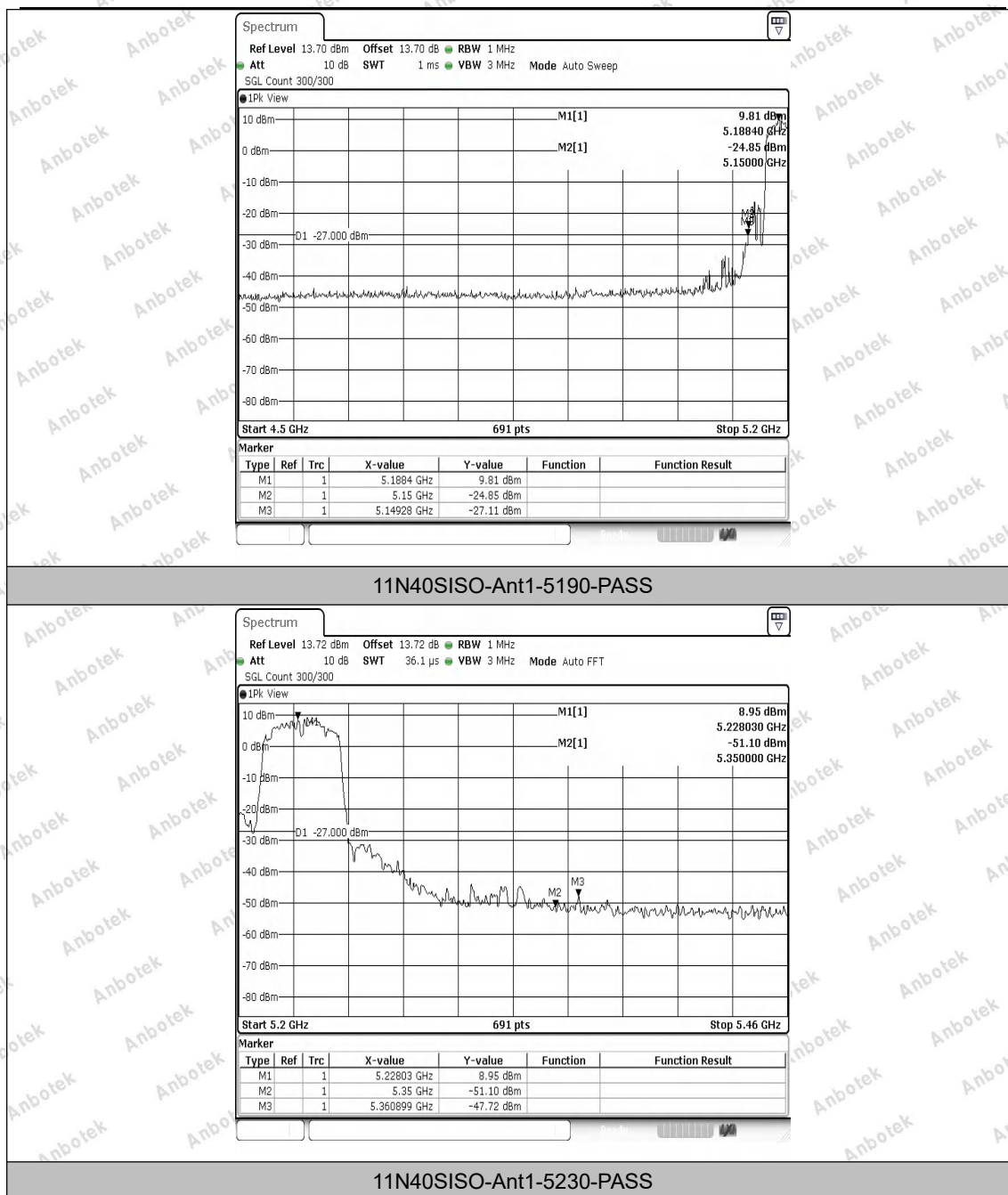
Note: The margin is at least greater than the antenna gain plus the cable loss.

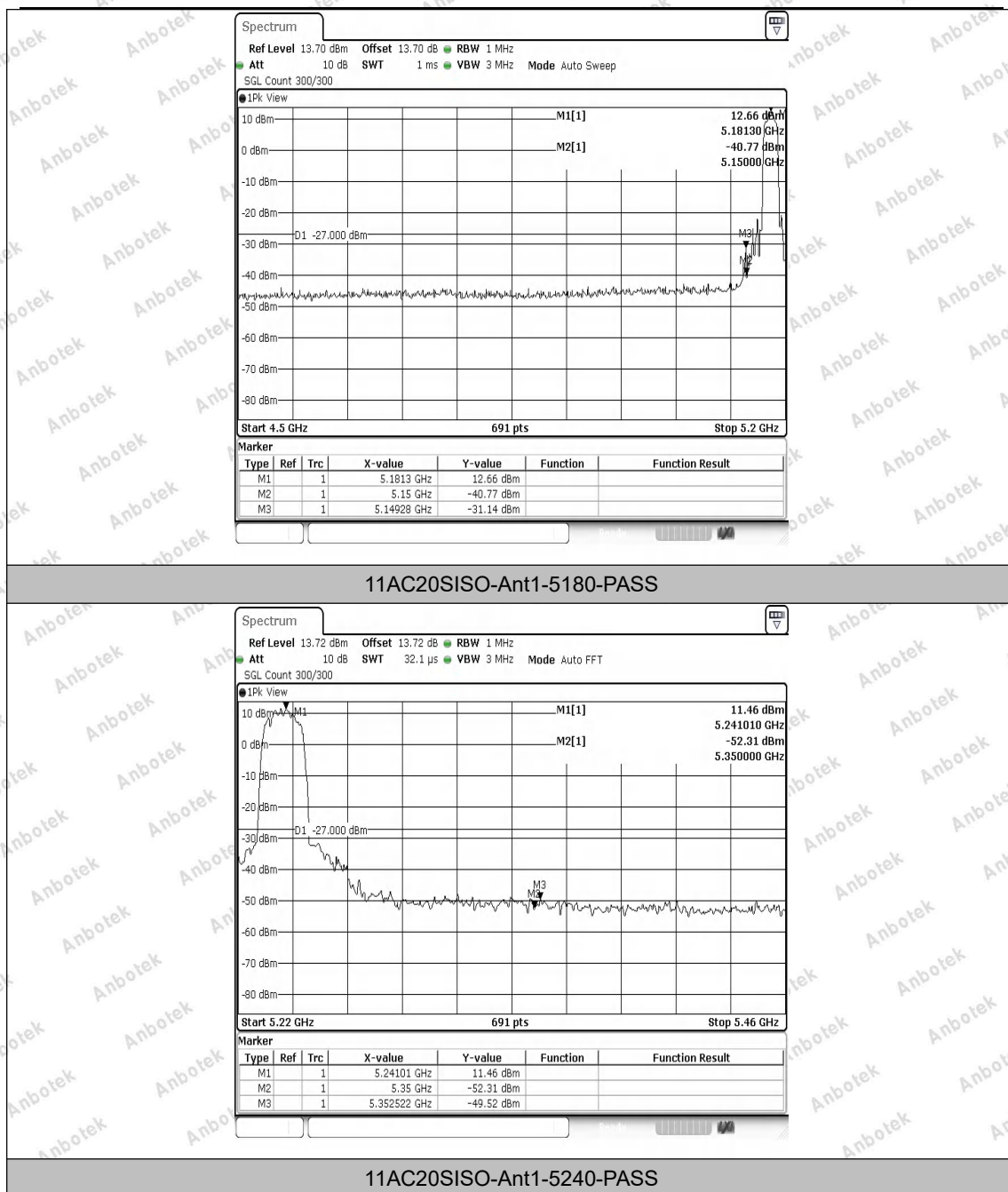


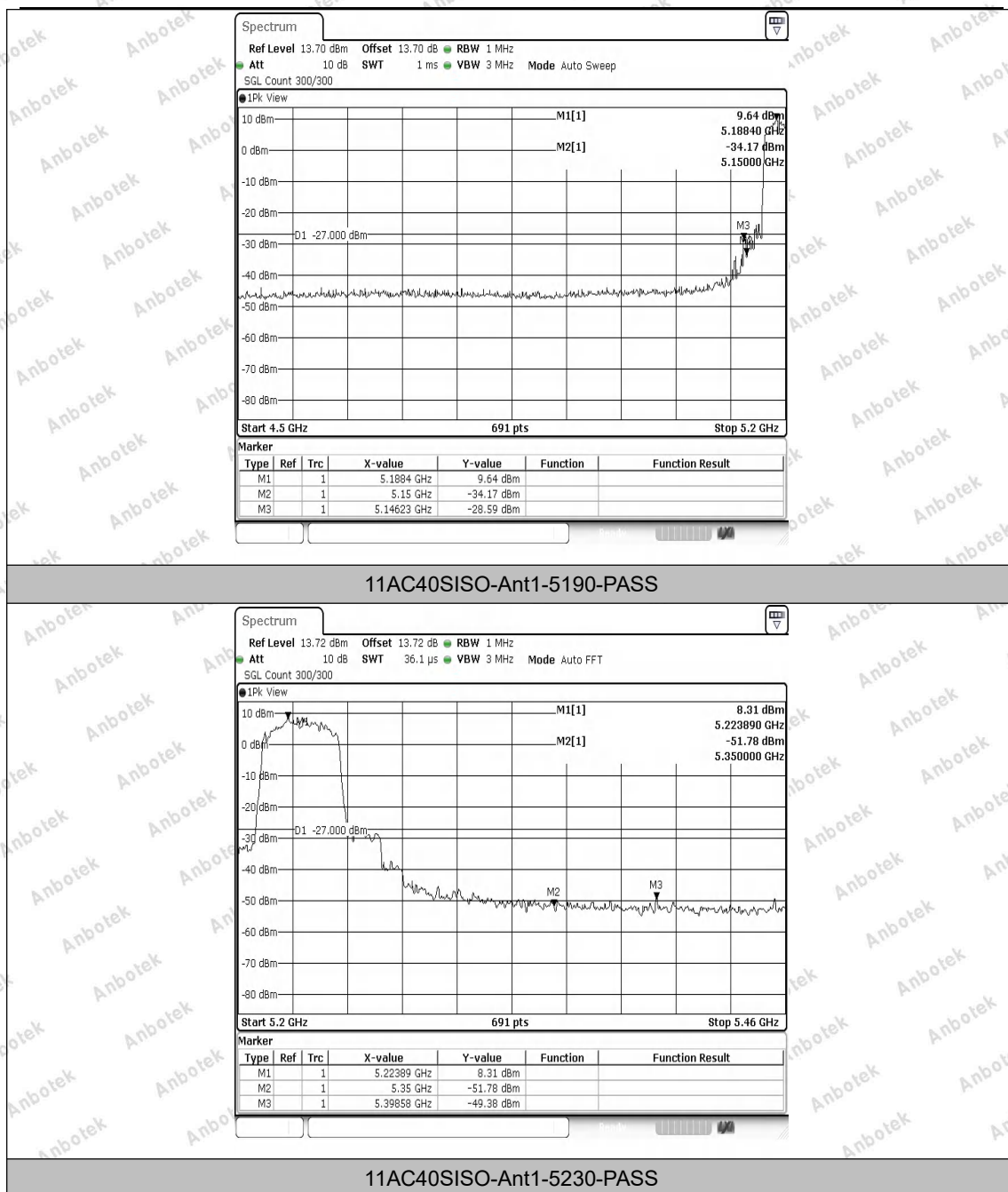
Test Graphs B1

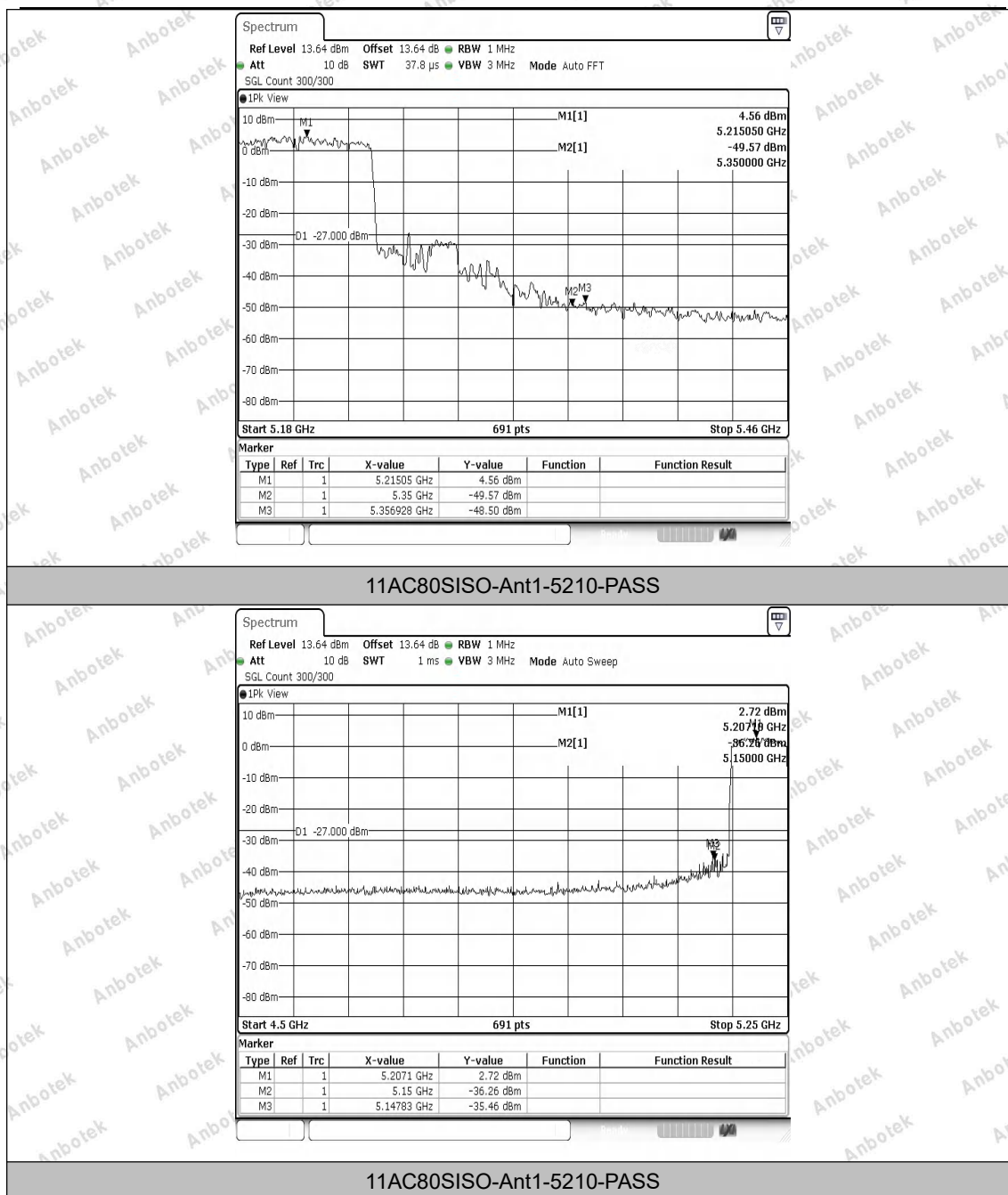




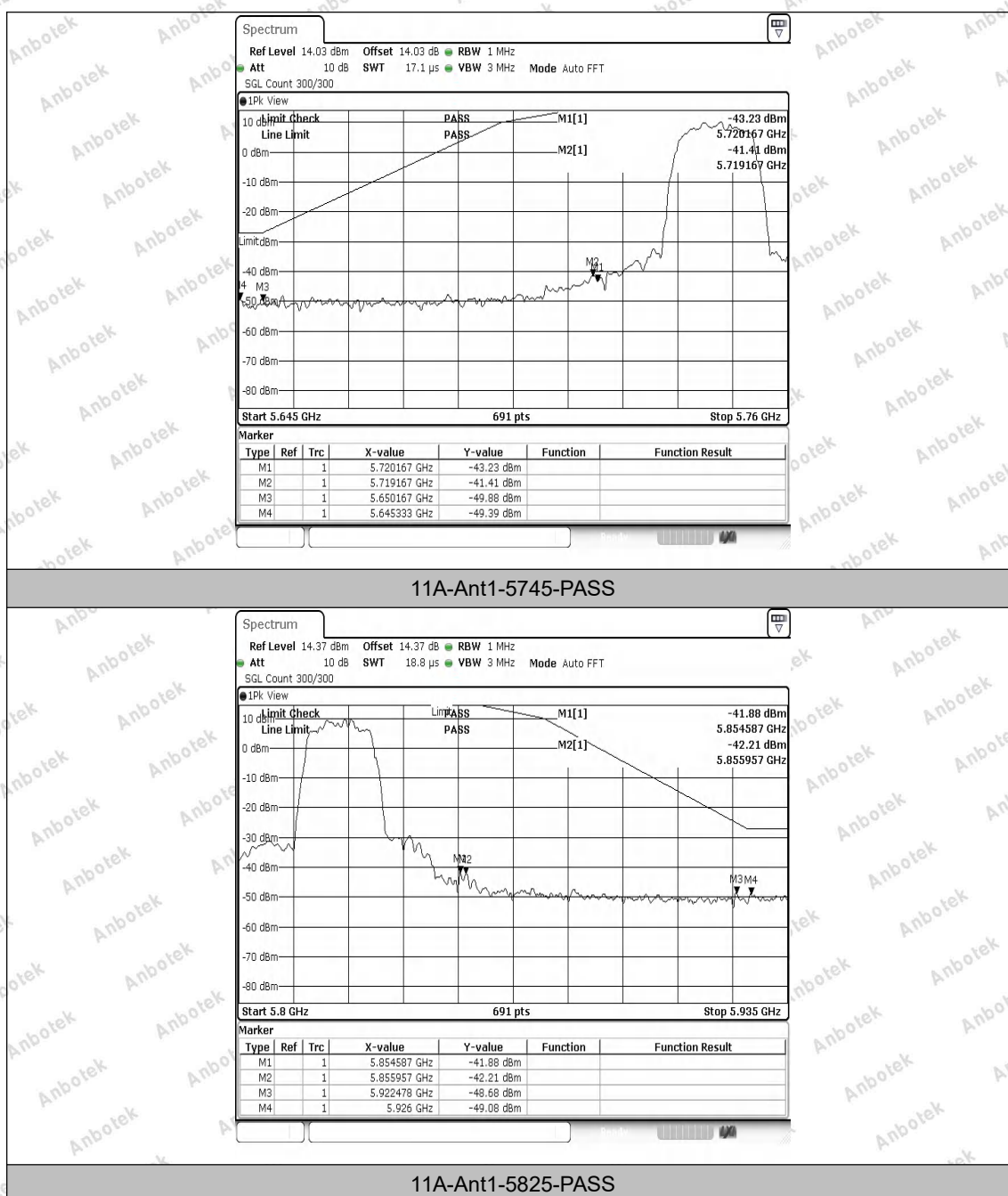


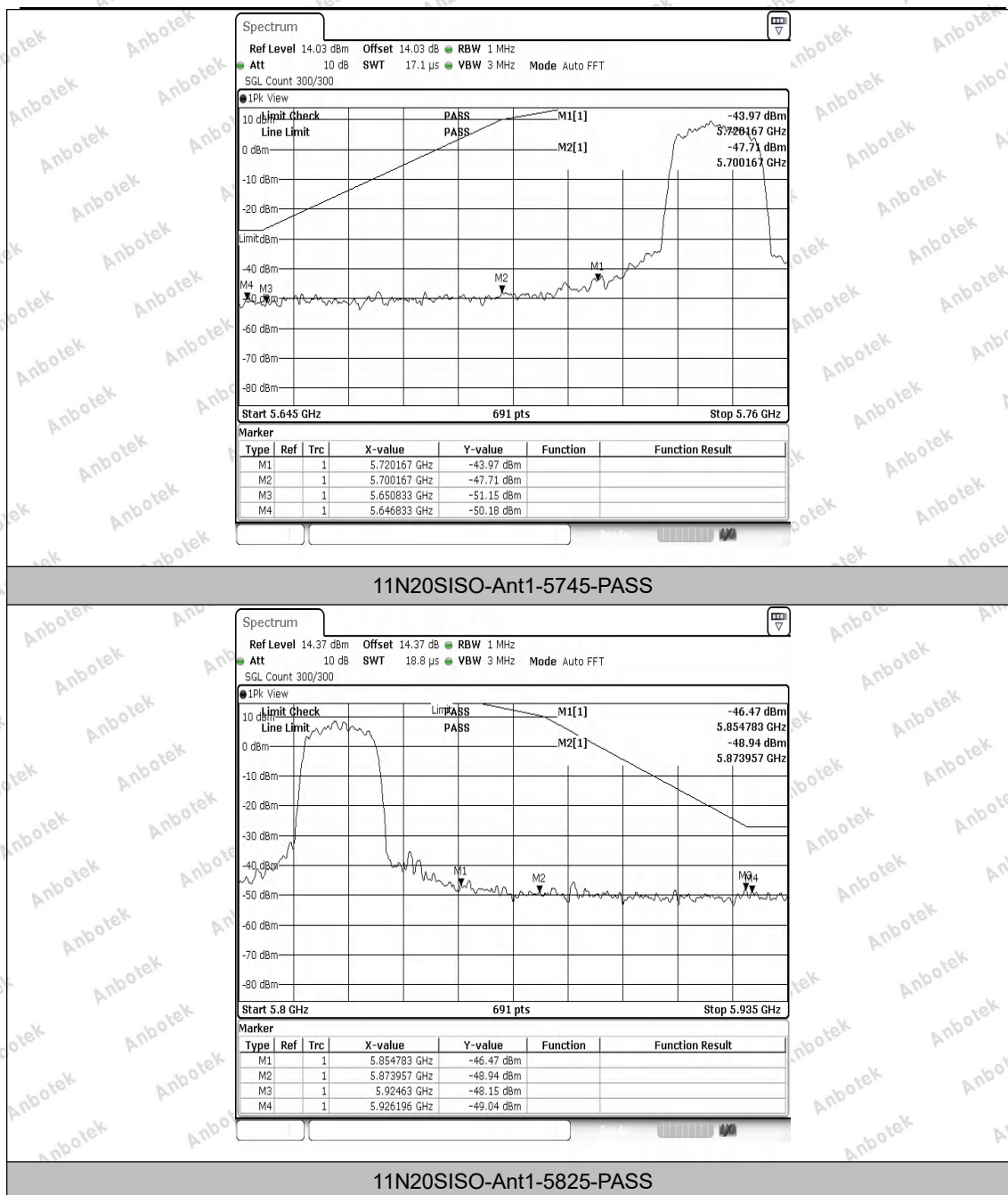


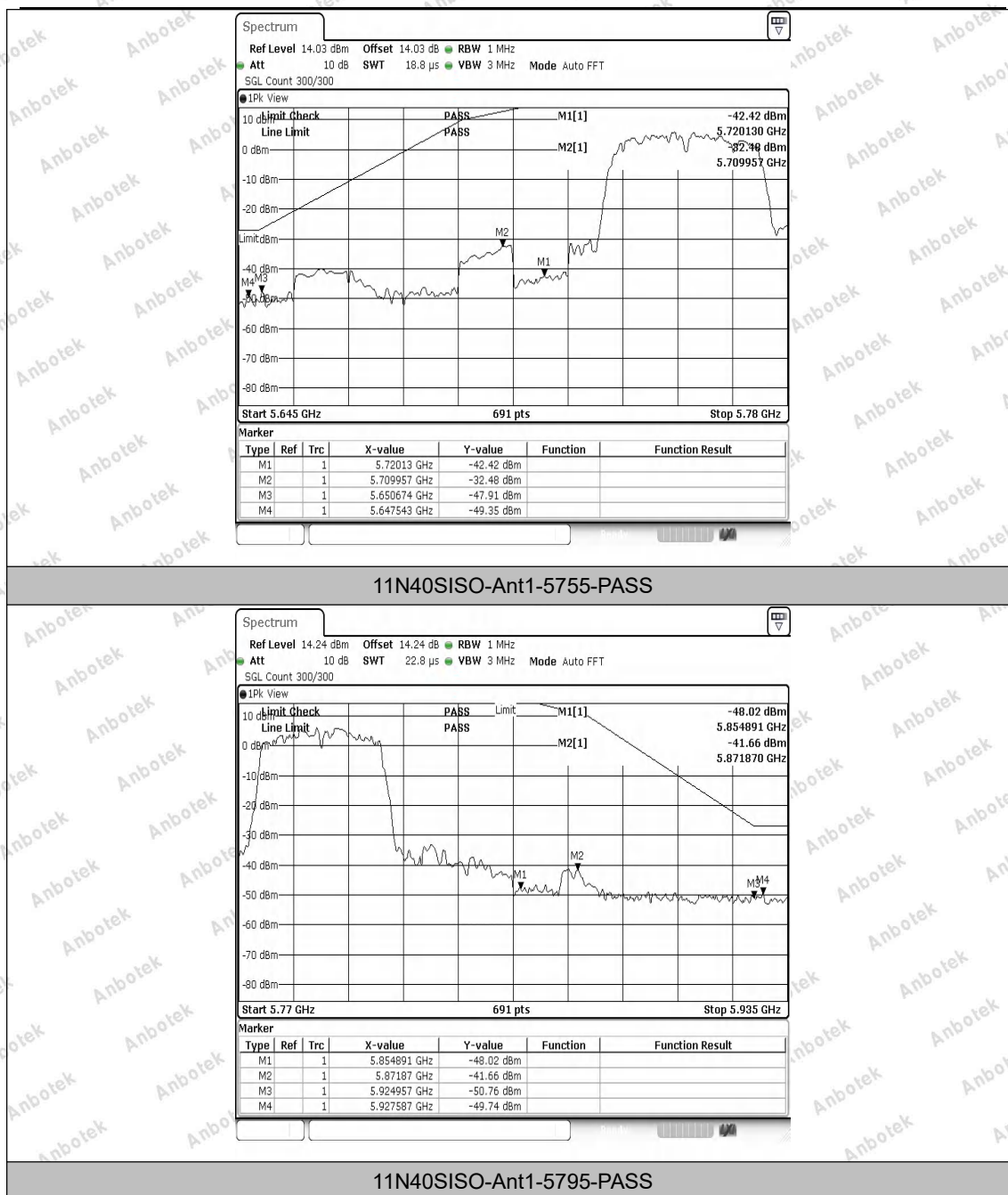




Test Graphs B4







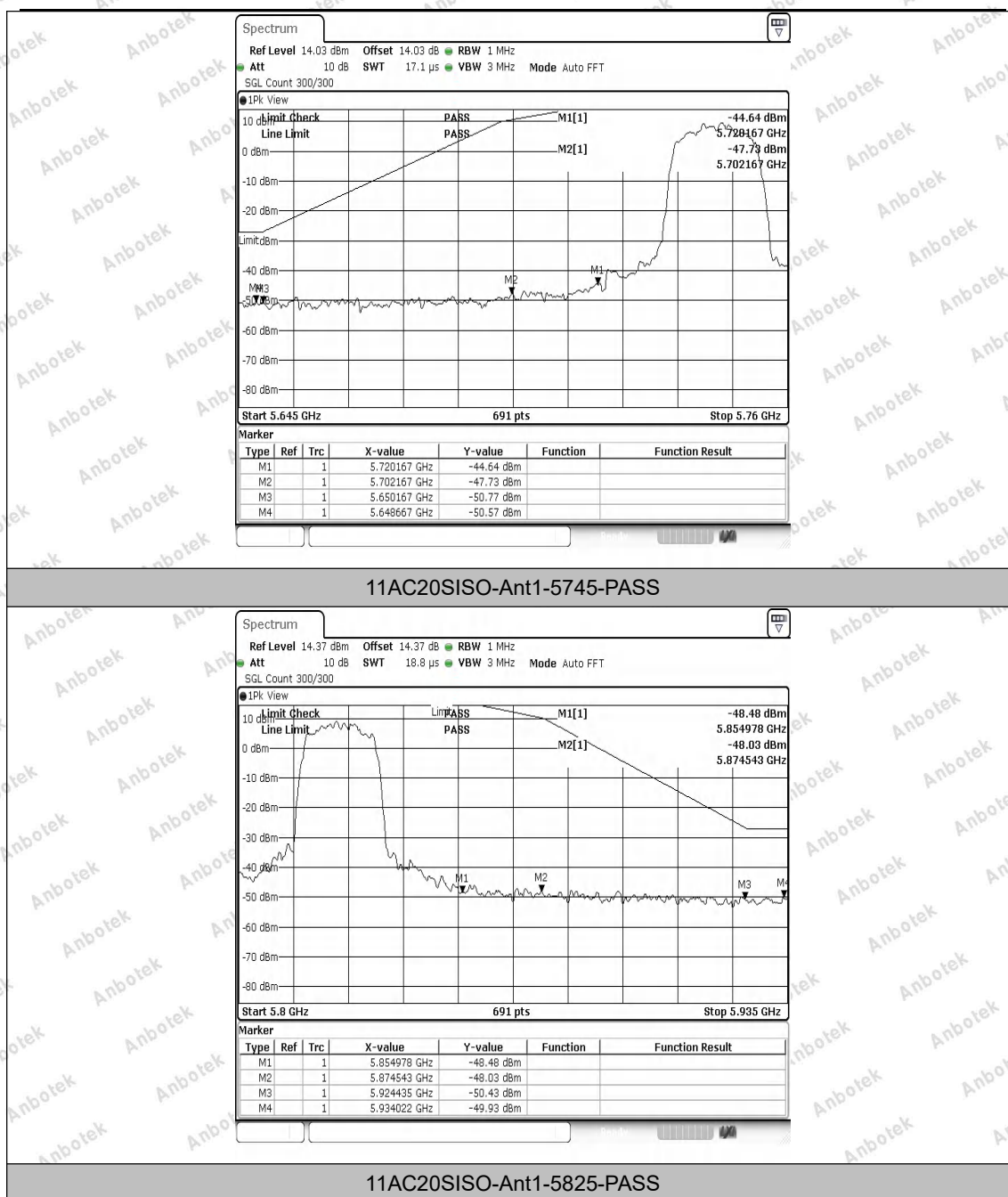
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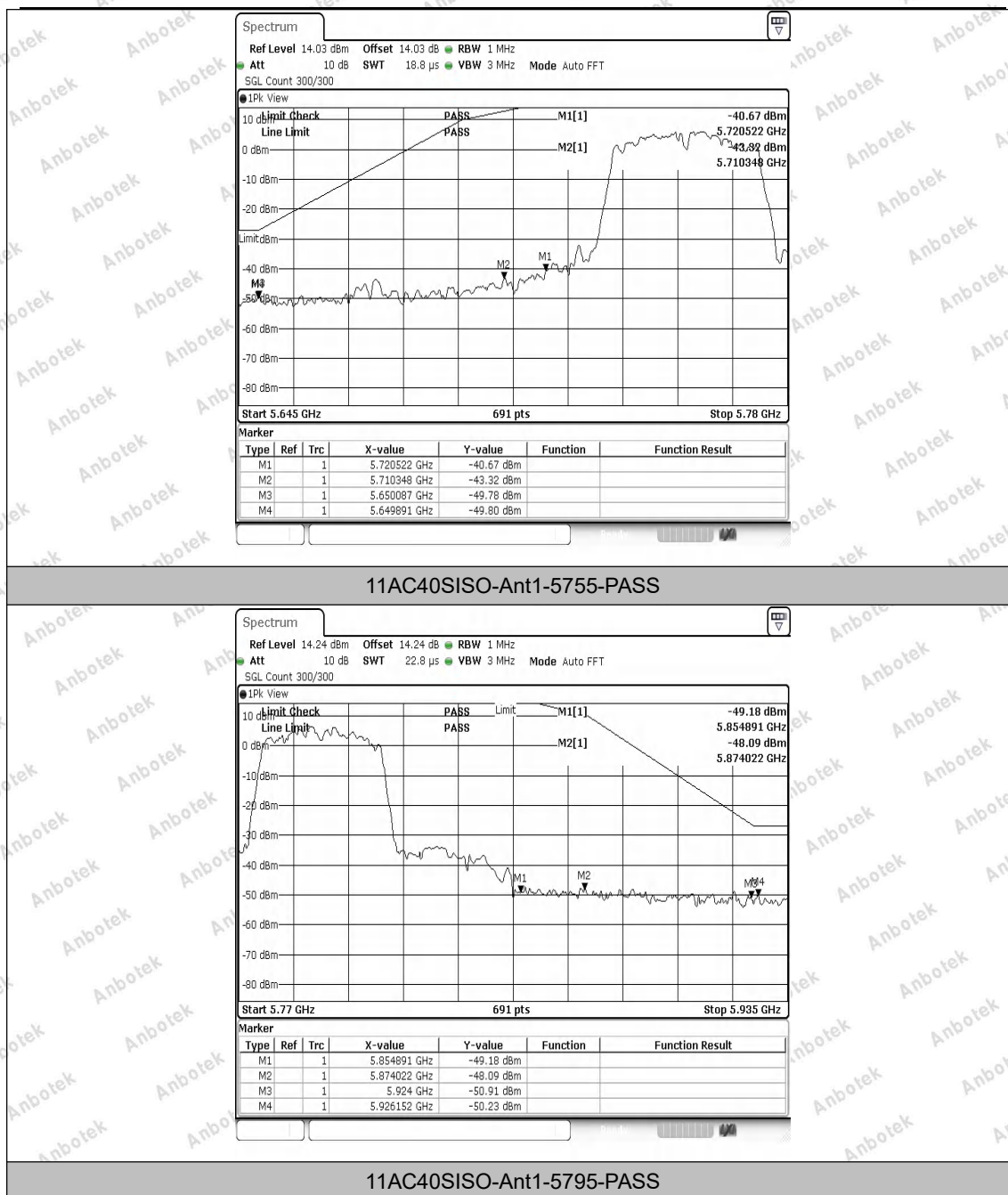
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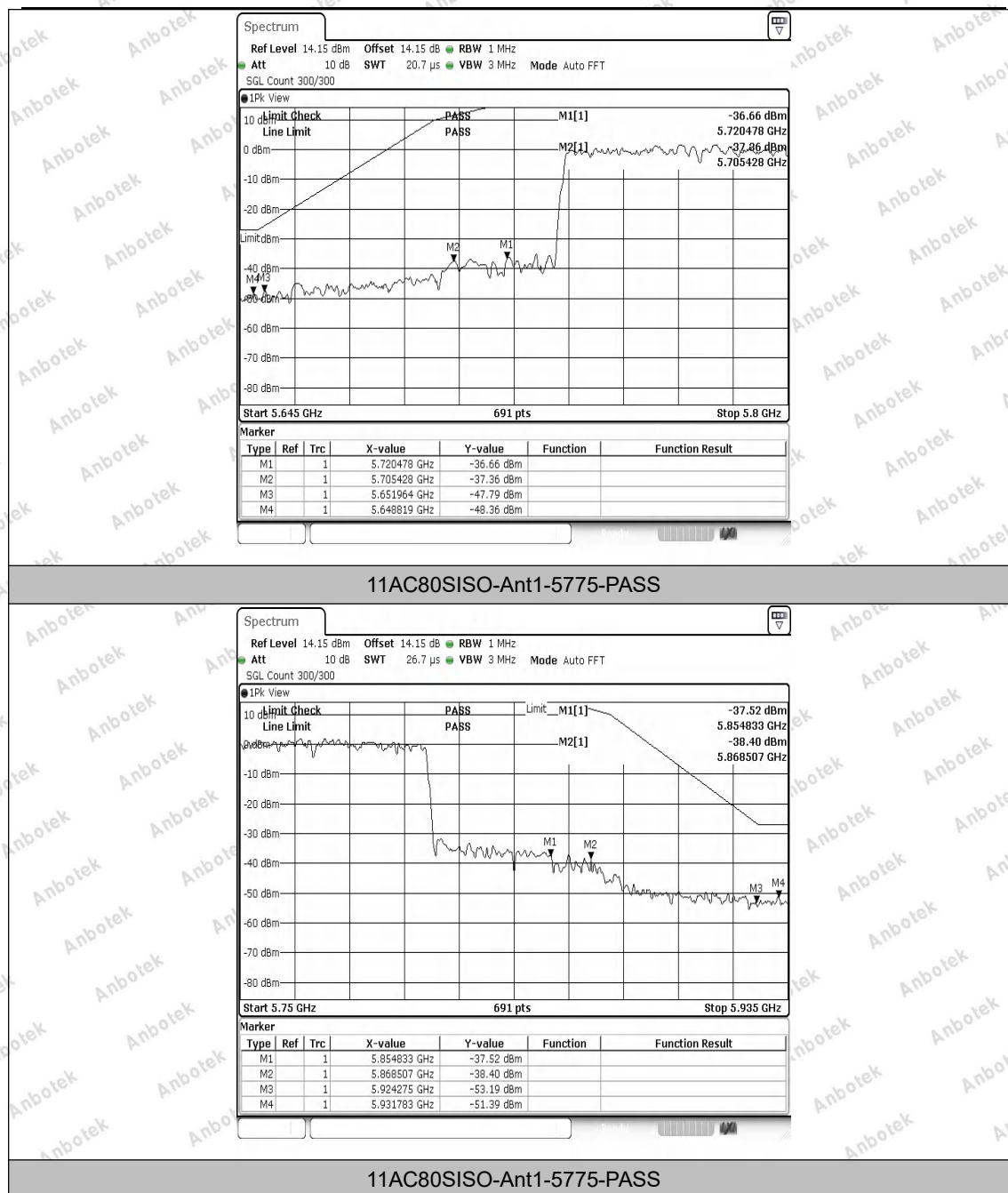
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