

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	0.54	0.09	0.63	≤11.00	PASS
11A	Ant1	5200	0.46	0.09	0.55	≤11.00	PASS
11A	Ant1	5240	1.15	0.12	1.27	≤11.00	PASS
11N20SISO	Ant1	5180	0.8	0.13	0.93	≤11.00	PASS
11N20SISO	Ant1	5200	0.41	0.13	0.54	≤11.00	PASS
11N20SISO	Ant1	5240	0.68	0.13	0.81	≤11.00	PASS
11N40SISO	Ant1	5190	-2.39	0.26	-2.13	≤11.00	PASS
11N40SISO	Ant1	5230	-1.95	0.20	-1.75	≤11.00	PASS
11AC20SISO	Ant1	5180	0.33	0.13	0.46	≤11.00	PASS
11AC20SISO	Ant1	5200	0.07	0.13	0.20	≤11.00	PASS
11AC20SISO	Ant1	5240	0.25	0.10	0.35	≤11.00	PASS
11AC40SISO	Ant1	5190	-3.08	0.26	-2.82	≤11.00	PASS
11AC40SISO	Ant1	5230	-2.75	0.20	-2.55	≤11.00	PASS
11AC80SISO	Ant1	5210	-10.3	4.14	-6.16	≤11.00	PASS
11AC80SISO	Ant1	5775	-14.27	4.19	-10.08	≤30.00	PASS

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

Test Result-B4

TestMode	Antenna	Frequency[MHz]	Reading Result[dBm/MHz]	DC Factor [dB]	Result [dBm/500 KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-1.52	0.09	-1.43	≤30.00	PASS
11A	Ant1	5785	-0.95	0.12	-0.83	≤30.00	PASS

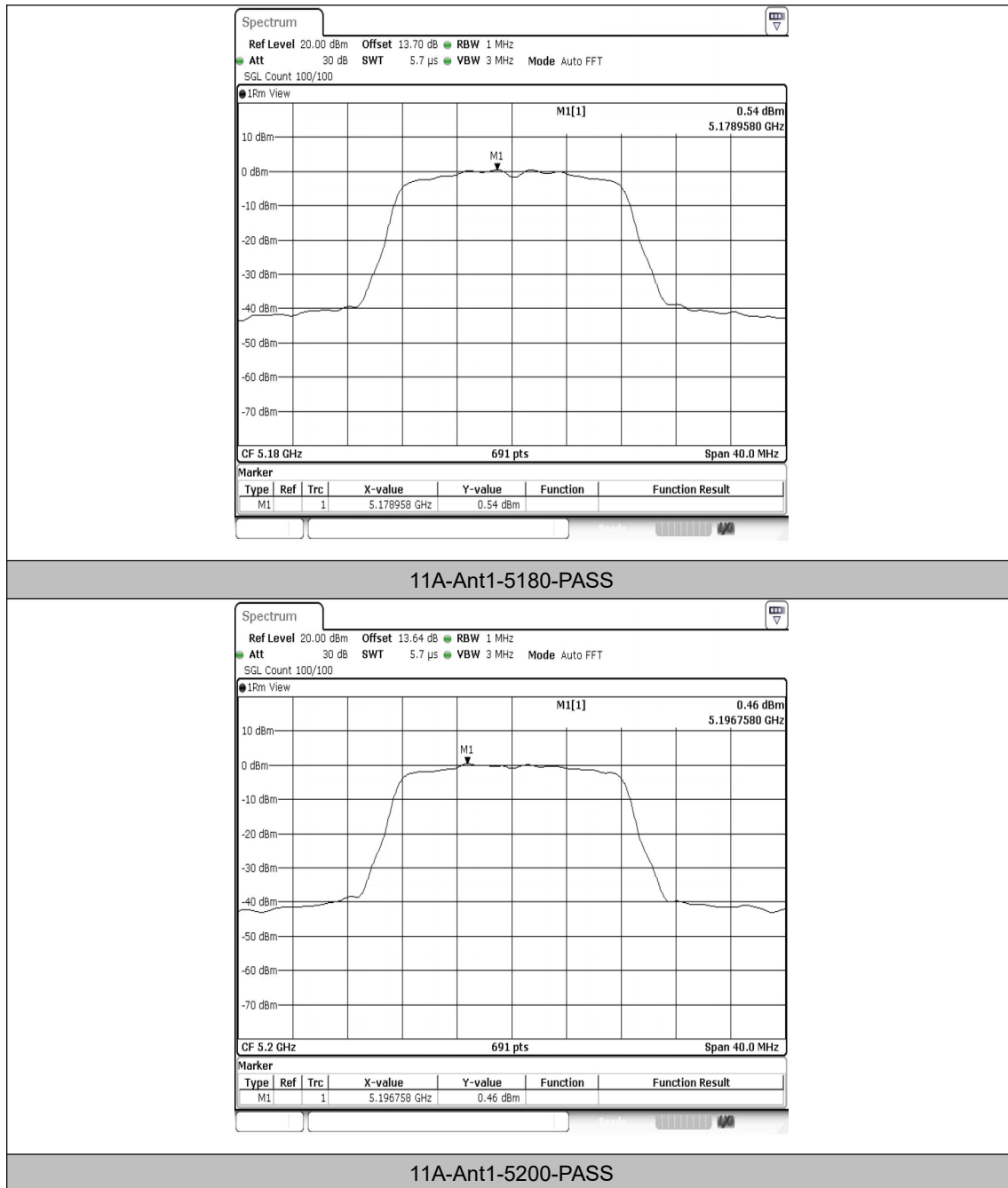


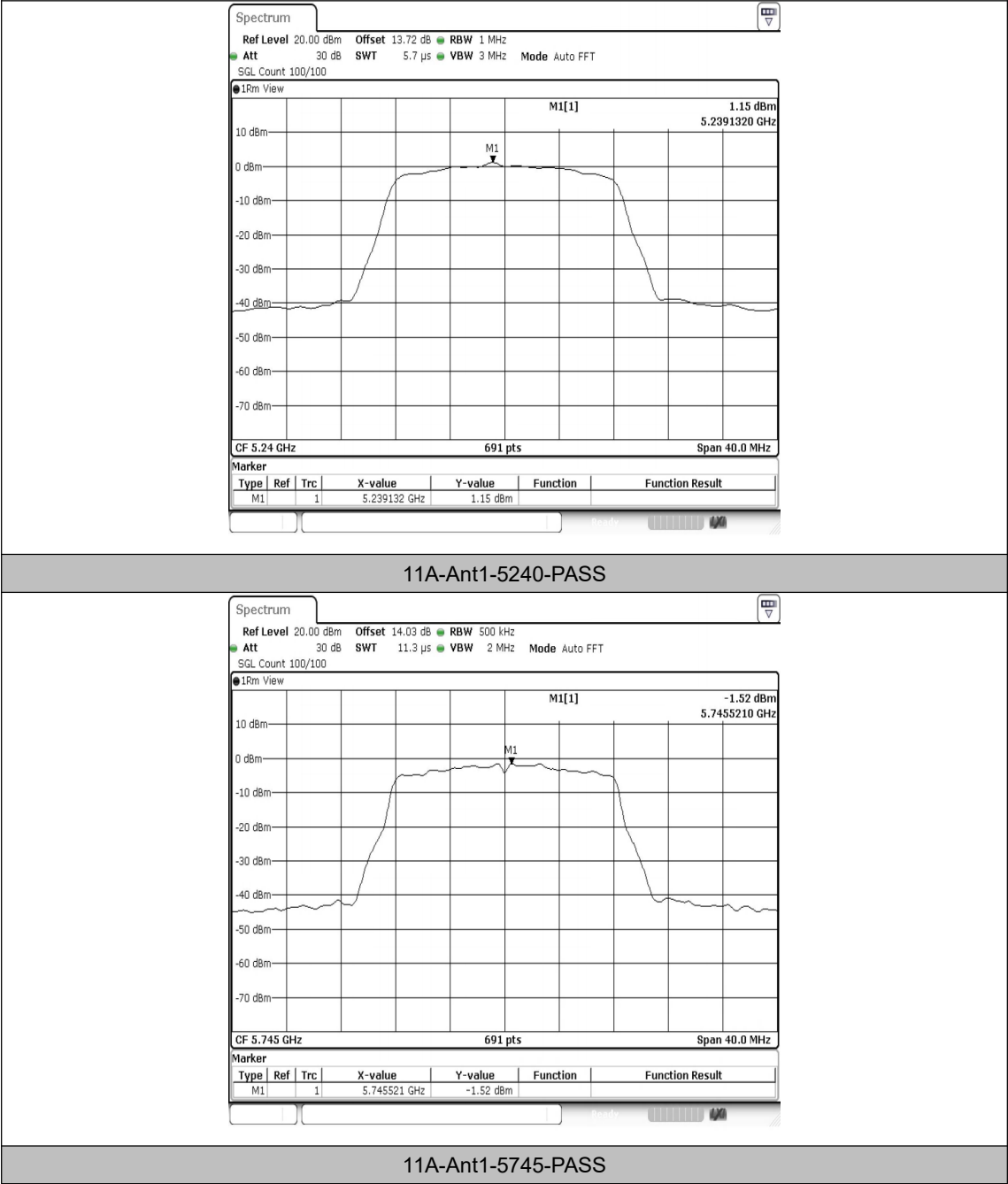
11A	Ant1	5825	-1.56	0.12	-1.44	≤30.00	PASS
11N20SIS O	Ant1	5745	-1.73	0.13	-1.60	≤30.00	PASS
11N20SIS O	Ant1	5785	-1.81	0.13	-1.68	≤30.00	PASS
11N20SIS O	Ant1	5825	-2.37	0.10	-2.27	≤30.00	PASS
11N40SIS O	Ant1	5755	-4.47	0.26	-4.21	≤30.00	PASS
11N40SIS O	Ant1	5795	-4.93	0.26	-4.67	≤30.00	PASS
11AC20SI SO	Ant1	5745	-1.8	0.13	-1.67	≤30.00	PASS
11AC20SI SO	Ant1	5785	-2.28	0.13	-2.15	≤30.00	PASS
11AC20SI SO	Ant1	5825	-2.26	0.13	-2.13	≤30.00	PASS
11AC40SI SO	Ant1	5755	-5.75	0.26	-5.49	≤30.00	PASS
11AC40SI SO	Ant1	5795	-4.99	0.19	-4.80	≤30.00	PASS
11AC80SI SO	Ant1	5775	-14.27	4.19	-10.08	≤30.00	PASS

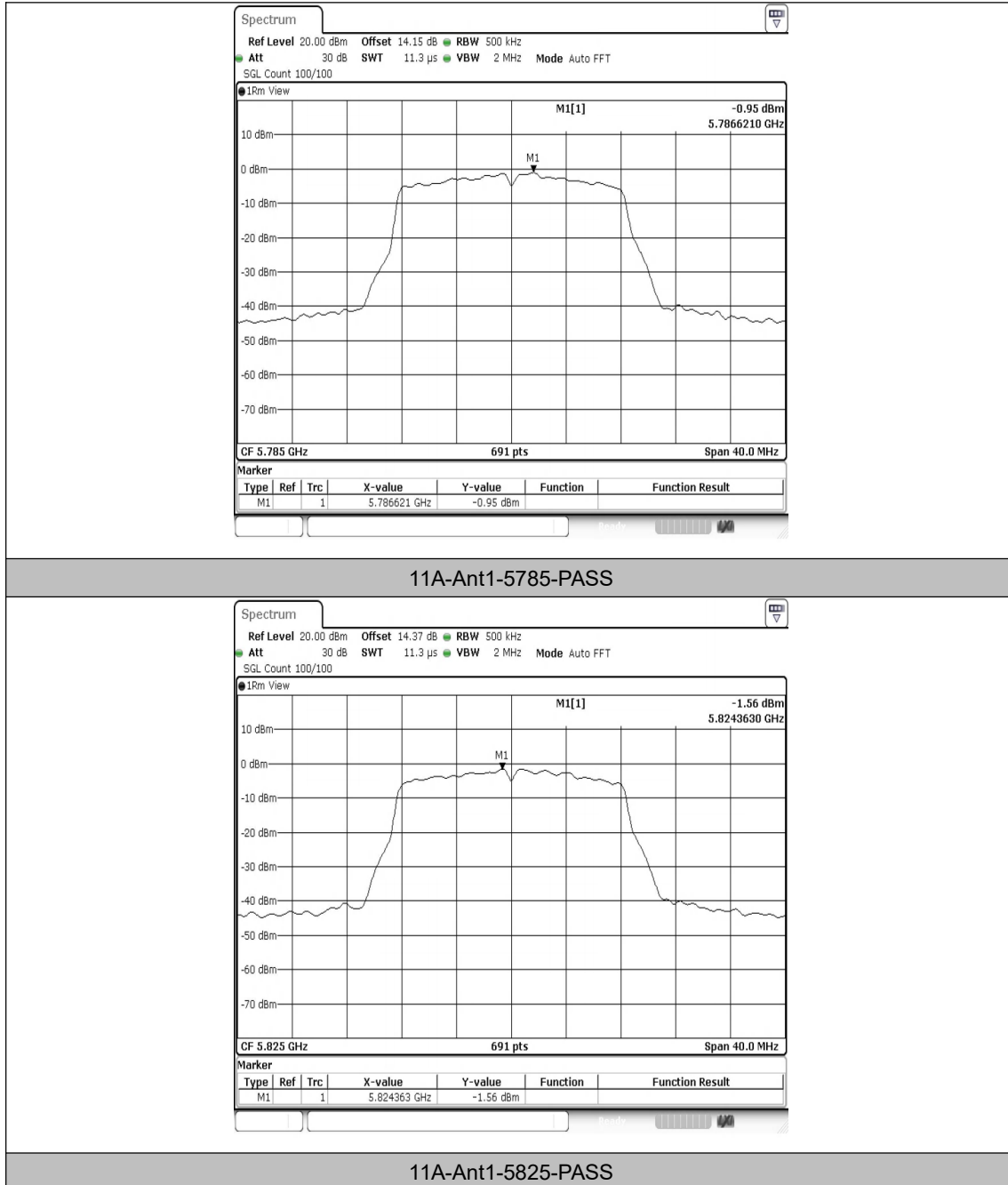
Note: 1.The cable loss are compensated in the graph.

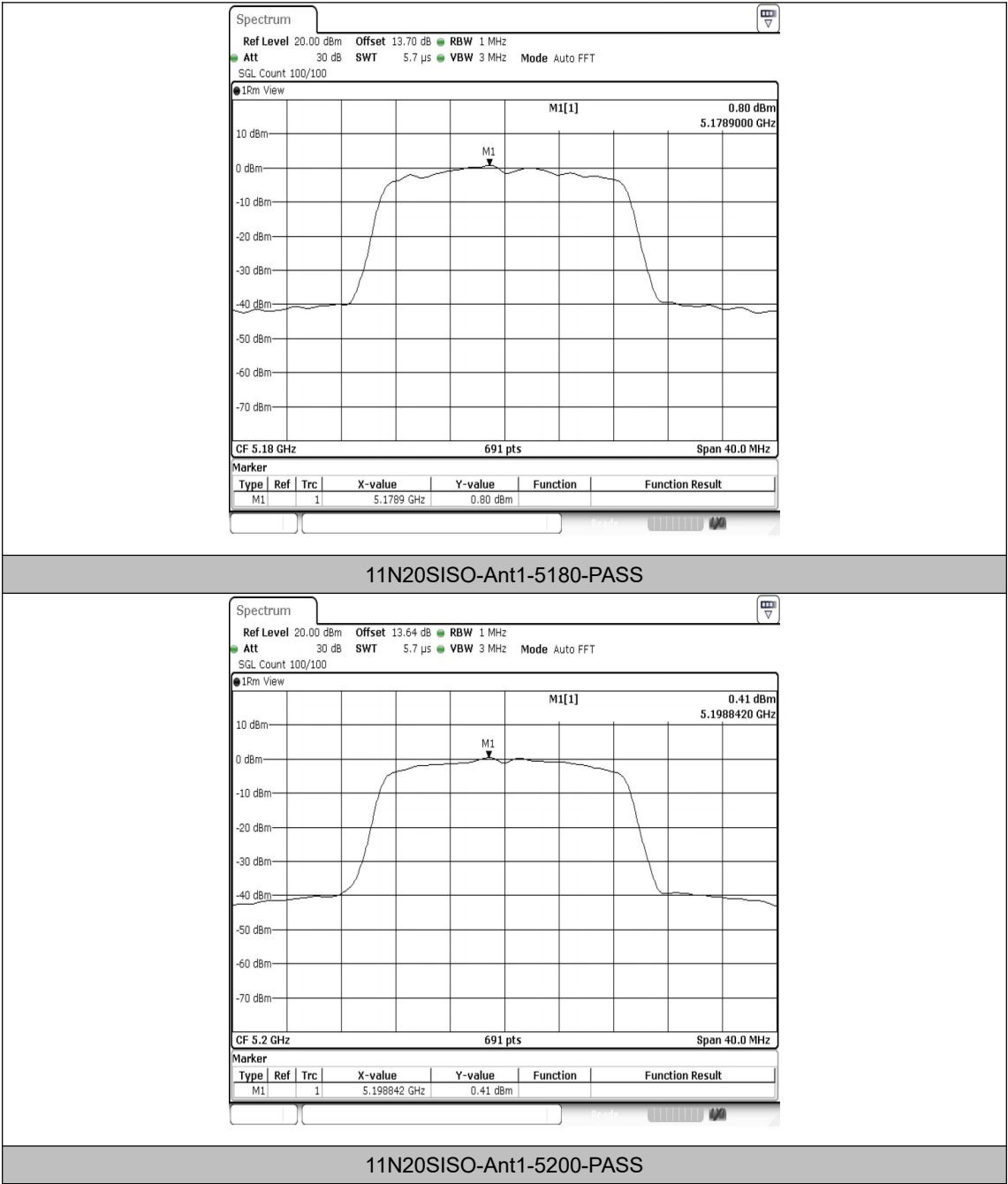


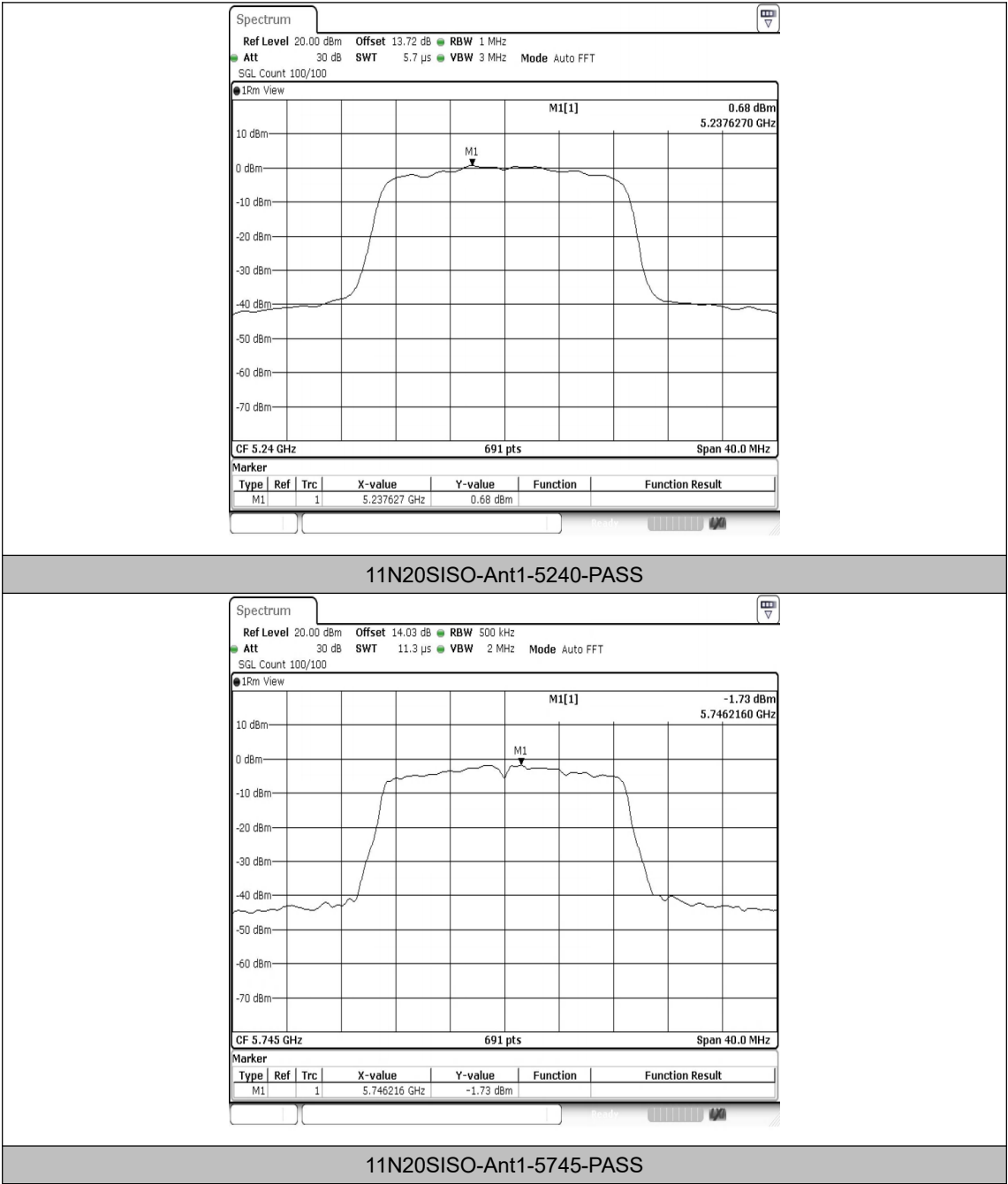
Test Graphs

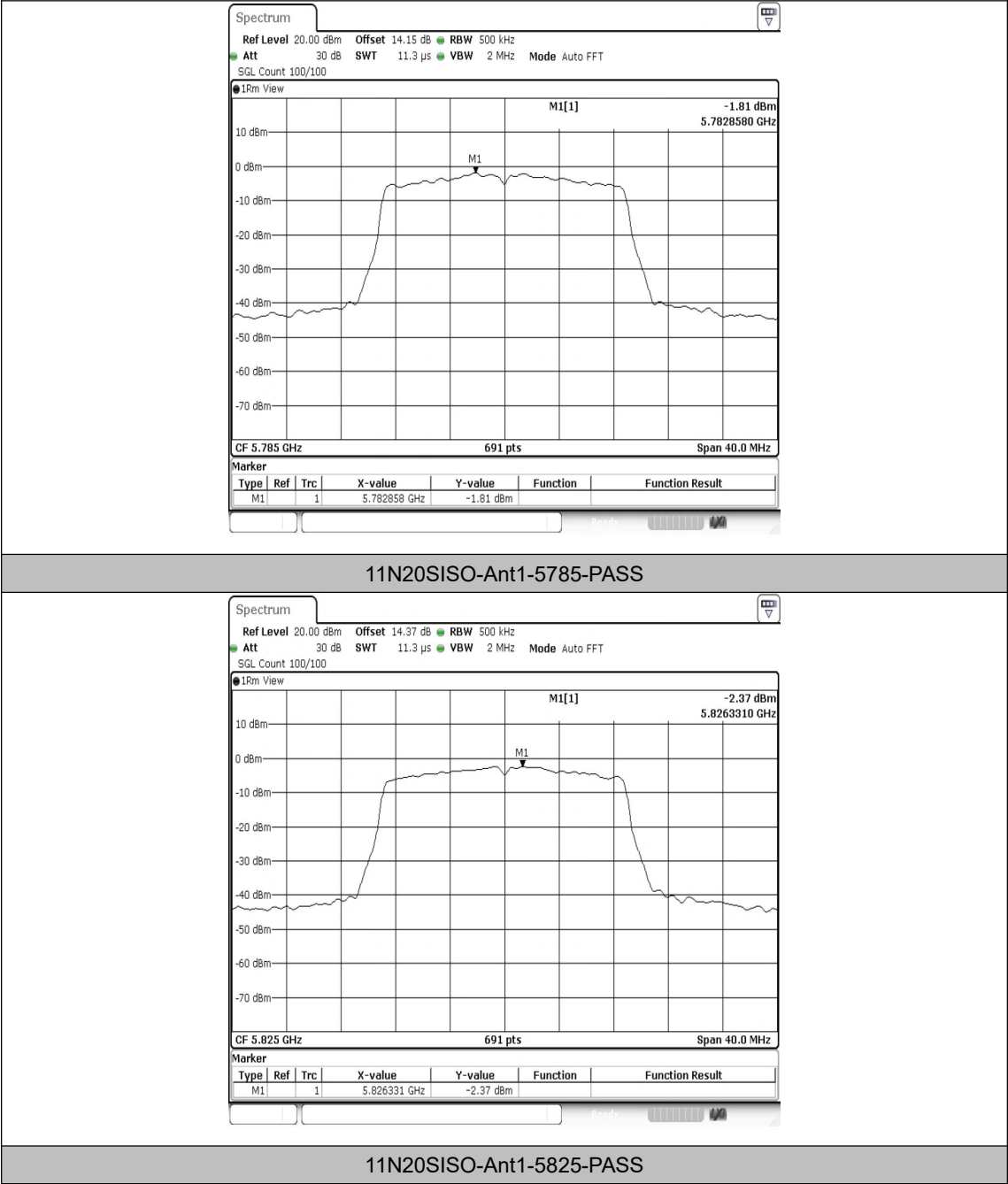


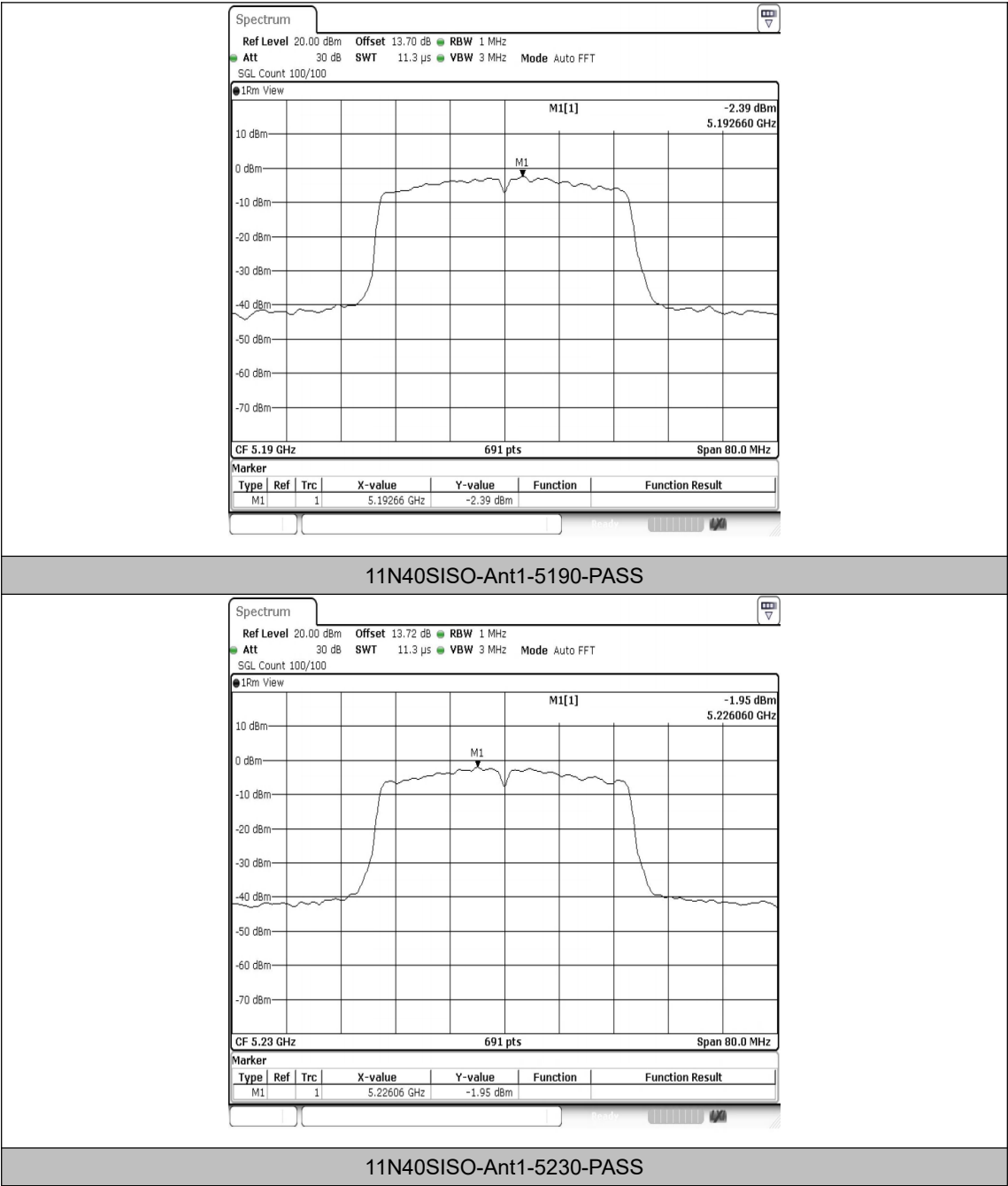


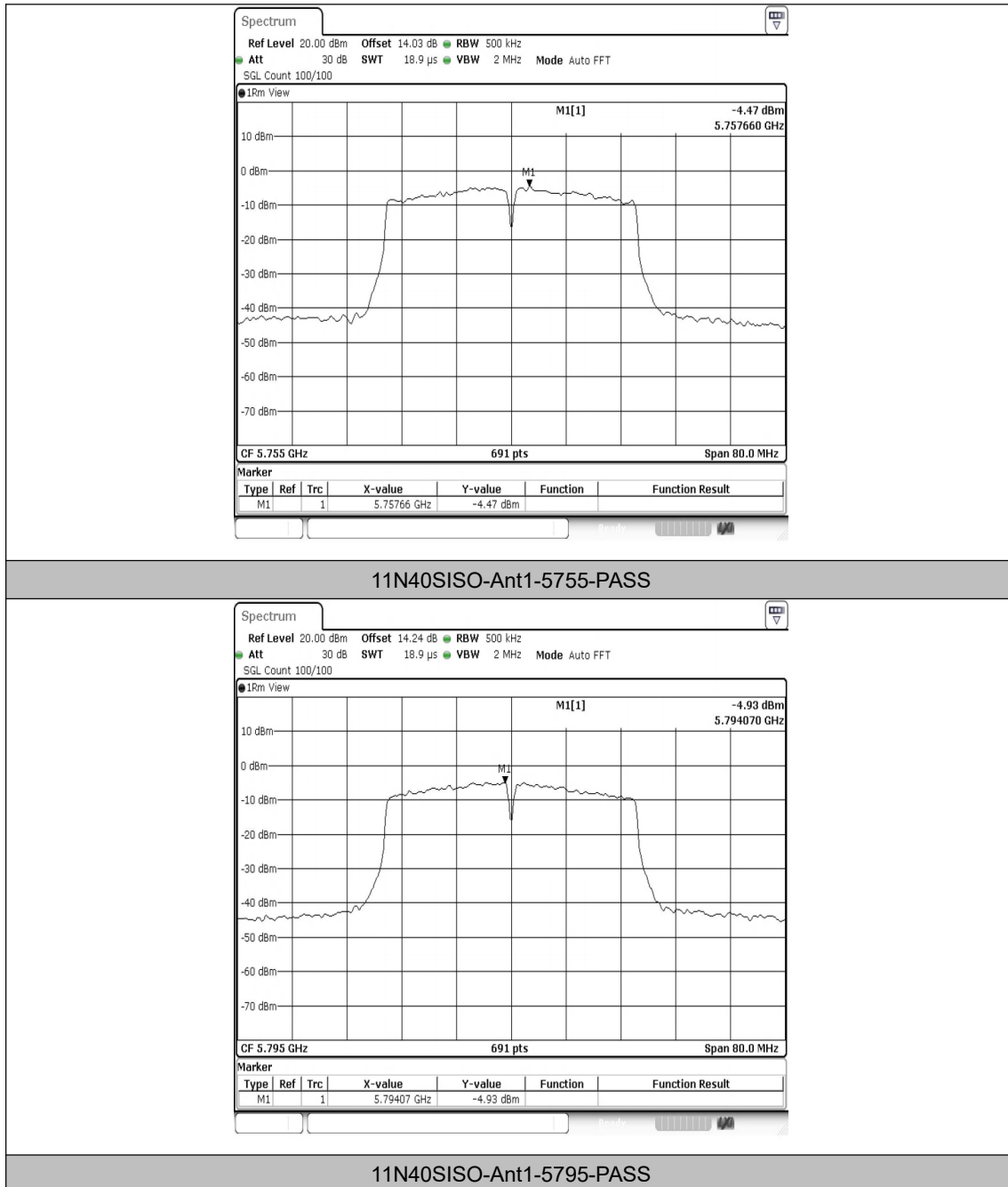


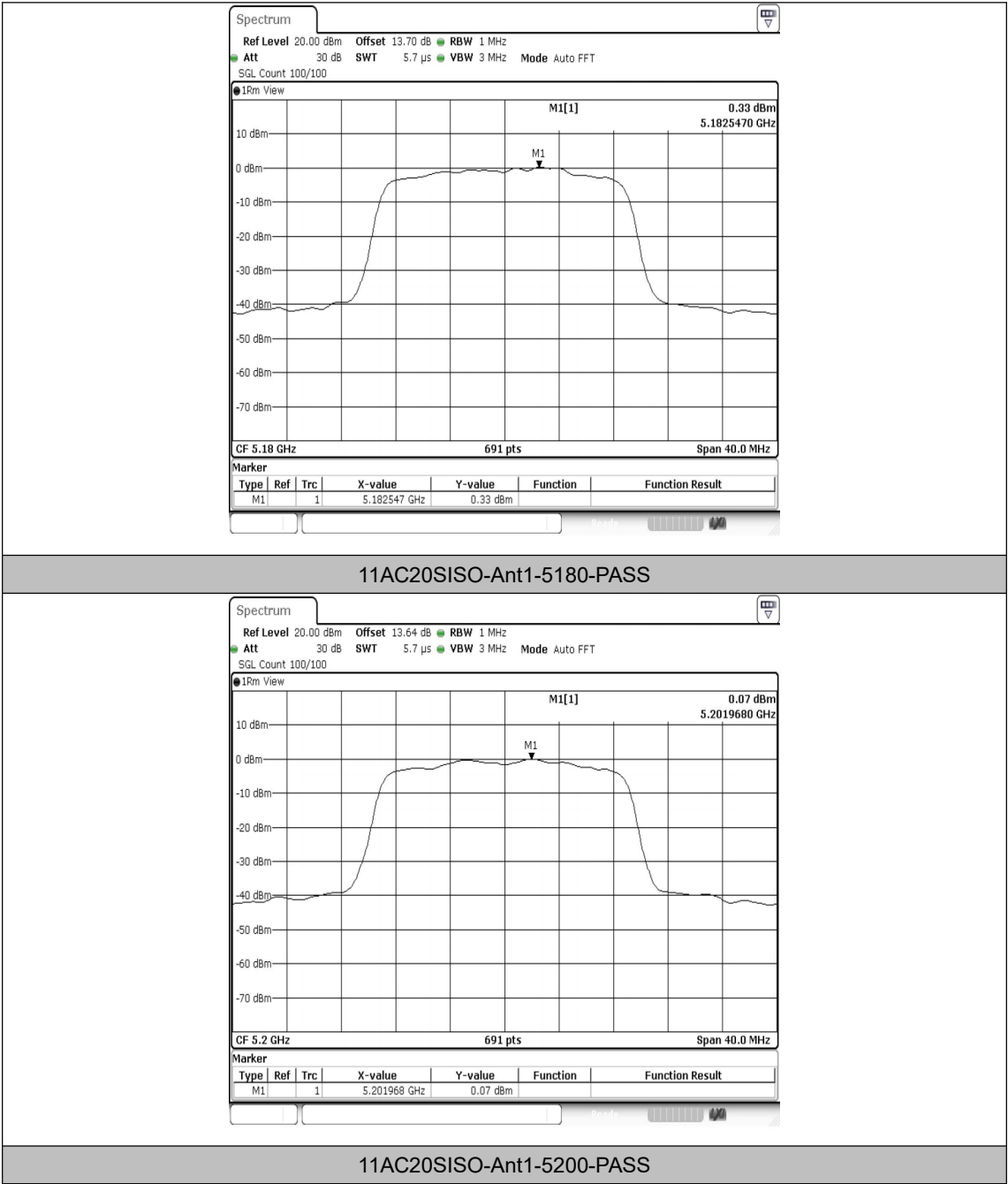


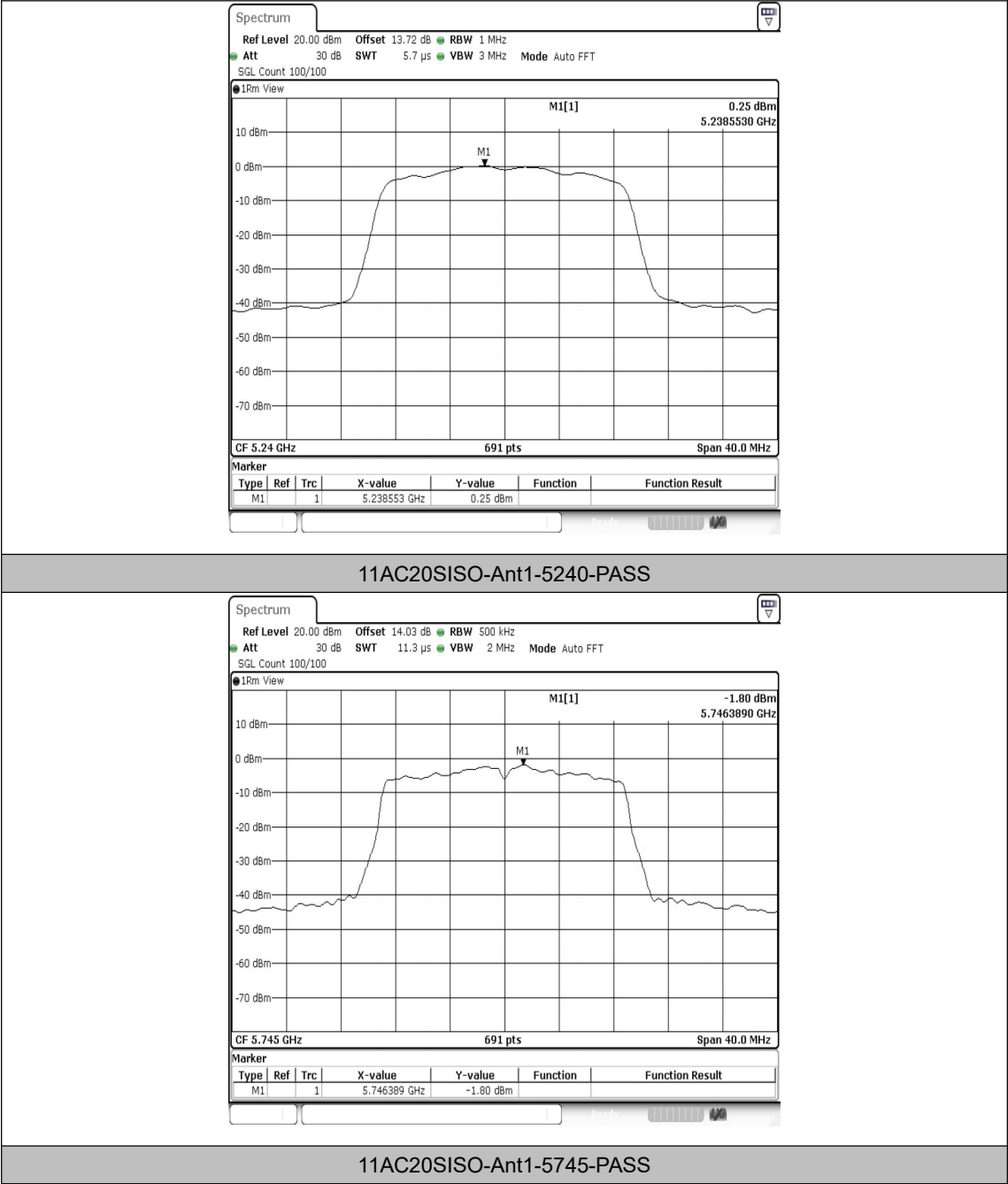


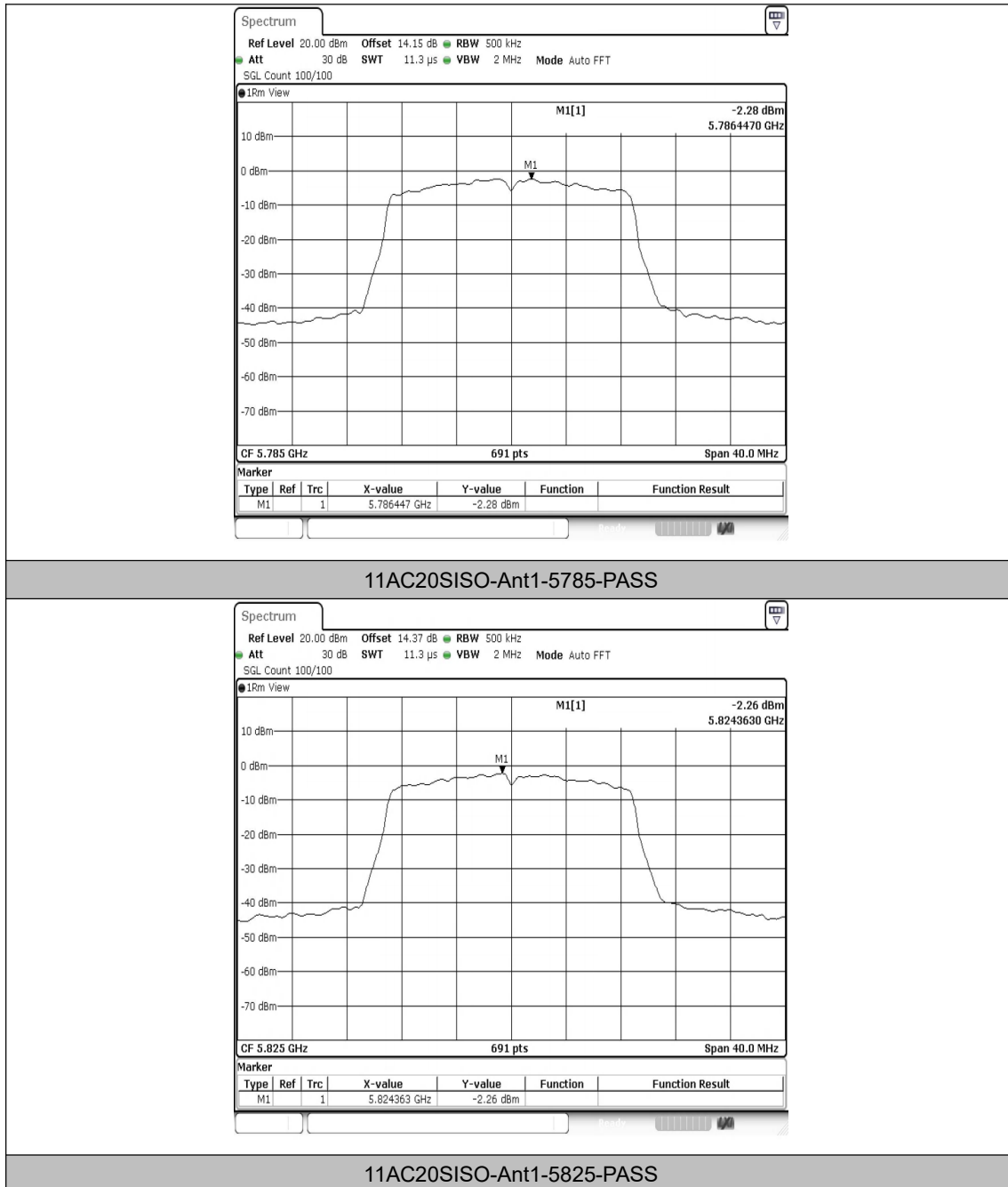


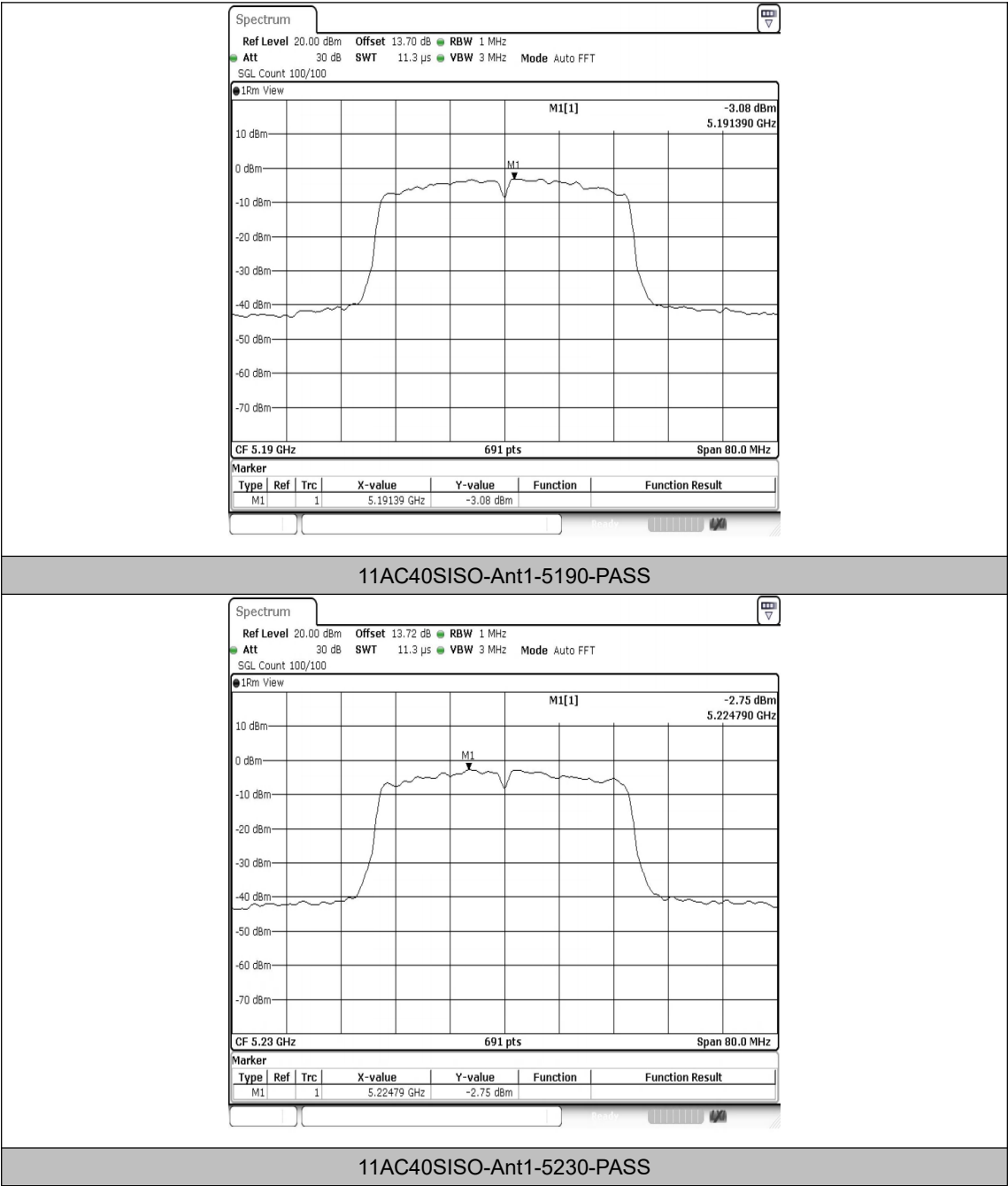


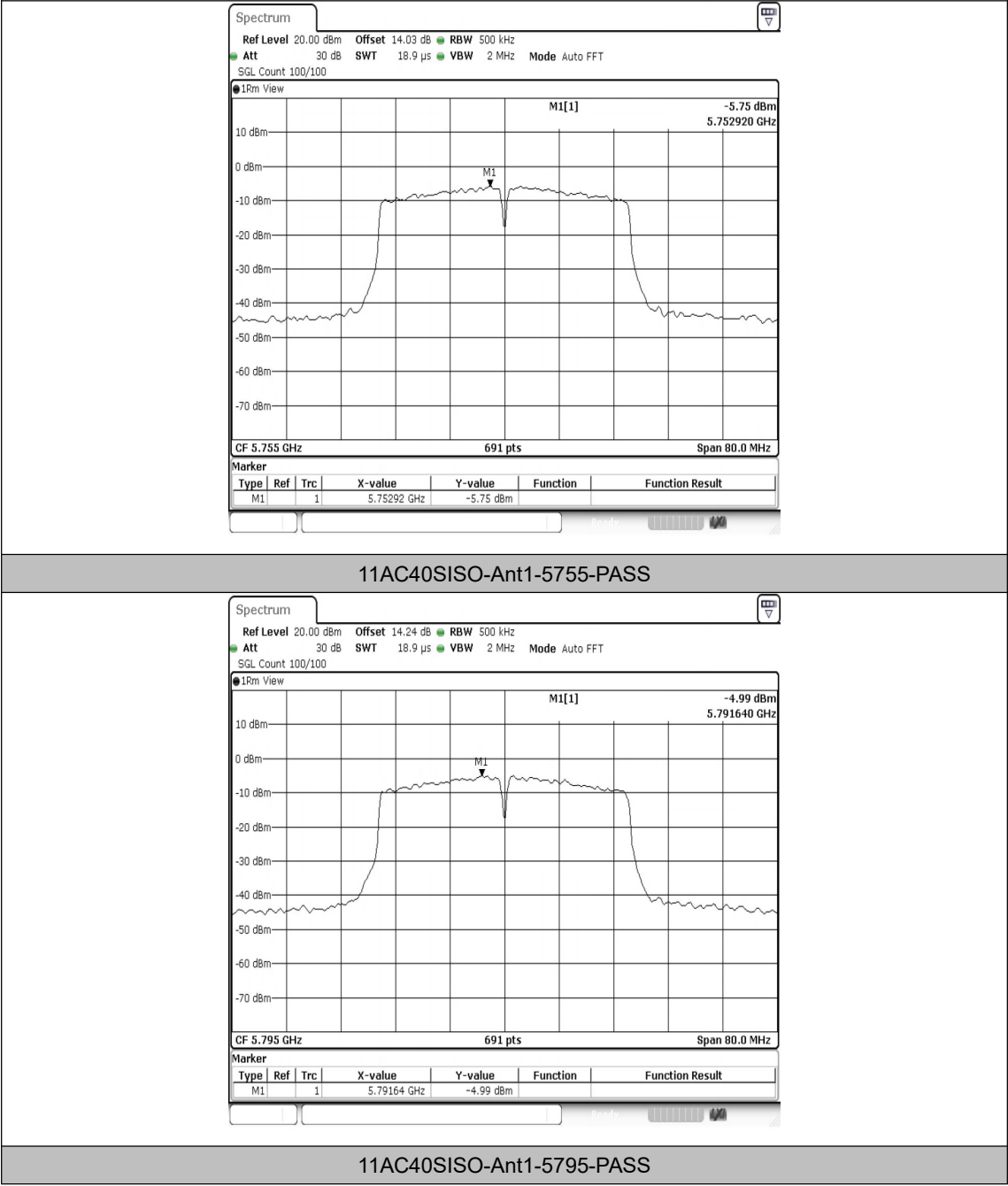


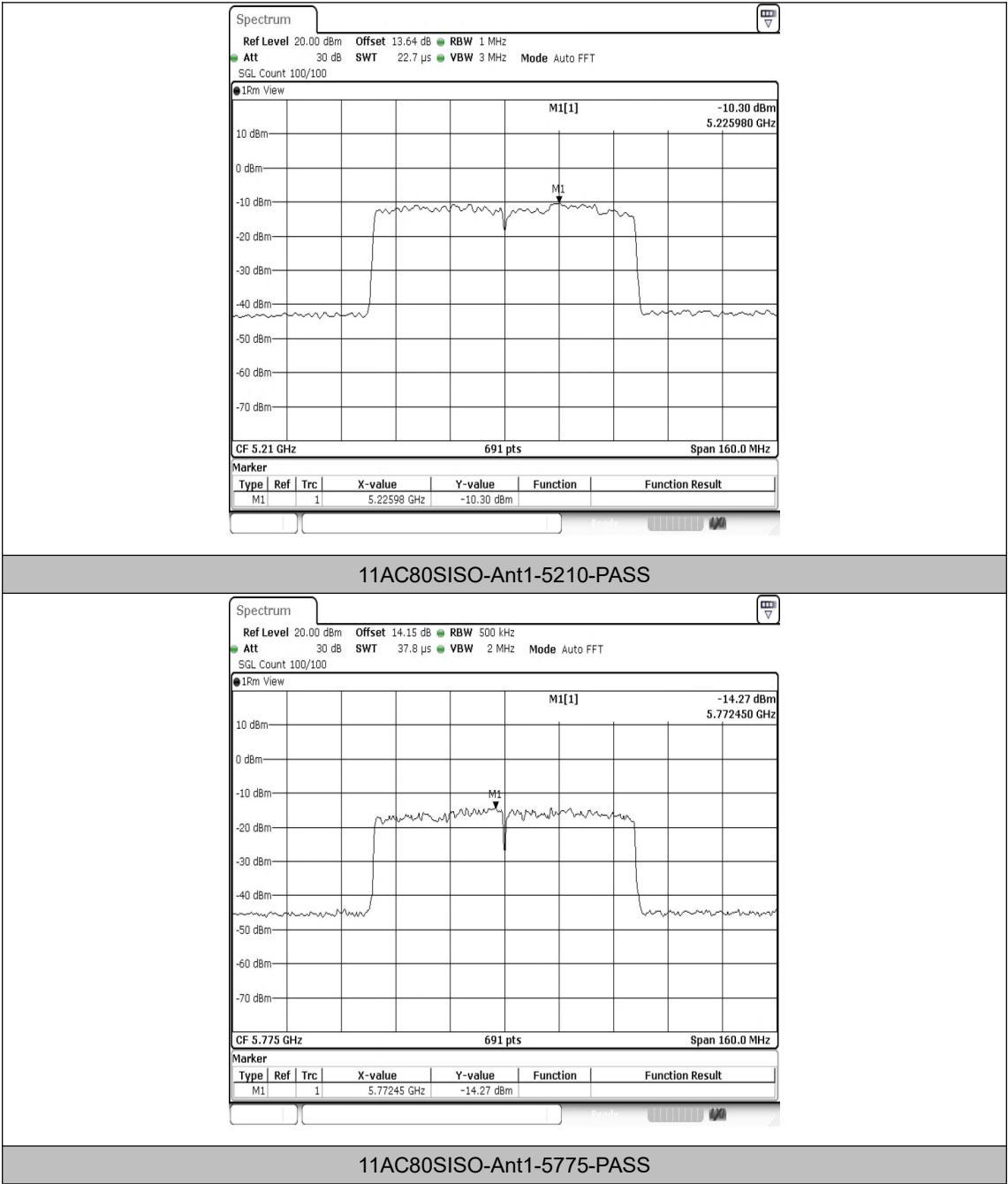












Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.75	≤-27	PASS
11A	Ant1	High	5240	-49.19	≤-27	PASS
11N20SISO	Ant1	Low	5180	-32.33	≤-27	PASS
11N20SISO	Ant1	High	5240	-49.35	≤-27	PASS
11N40SISO	Ant1	Low	5190	-37.56	≤-27	PASS
11N40SISO	Ant1	High	5230	-48.9	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-39.55	≤-27	PASS
11AC20SISO	Ant1	High	5240	-48.74	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-35.46	≤-27	PASS
11AC40SISO	Ant1	High	5230	-48.46	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-40.83	≤-27	PASS
11AC80SISO	Ant1	High	5210	-50	≤-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	-32.54	≤15.98	PASS
11A	Ant1	Low	5745	5700~5720	-32.87	≤15.60	PASS
11A	Ant1	Low	5745	5650~5700	-48.85	≤-25.40	PASS
11A	Ant1	Low	5745	5760~5650	-49.91	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-36.67	≤15.65	PASS
11A	Ant1	High	5825	5855~5875	-36.85	≤15.55	PASS
11A	Ant1	High	5825	5875~5925	-50.41	≤-26.15	PASS
11A	Ant1	High	5825	5925~5935	-48.93	≤-27	PASS
11N20SISO	Ant1	Low	5745	5720~5725	-30.71	≤20.92	PASS
11N20SISO	Ant1	Low	5745	5700~5720	-40.09	≤13.78	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-49.67	≤-26.75	PASS
11N20SISO	Ant1	Low	5745	5760~5650	-50.46	≤-27	PASS
11N20SISO	Ant1	High	5825	5850~5855	-33.16	≤16.54	PASS
11N20SISO	Ant1	High	5825	5855~5875	-33.81	≤14.73	PASS



11N20SI SO	Ant1	High	5825	5875~5925	-52.32	≤-26.87	PASS
11N20SI SO	Ant1	High	5825	5925~5935	-49.96	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5720~5725	-26.41	≤15.90	PASS
11N40SI SO	Ant1	Low	5755	5700~5720	-25.47	≤15.36	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-47.59	≤-26.79	PASS
11N40SI SO	Ant1	Low	5755	5780~5650	-48.2	≤-27	PASS
11N40SI SO	Ant1	High	5795	5850~5855	-37.13	≤15.85	PASS
11N40SI SO	Ant1	High	5795	5855~5875	-39.31	≤12.15	PASS
11N40SI SO	Ant1	High	5795	5875~5925	-50.49	≤-25.91	PASS
11N40SI SO	Ant1	High	5795	5925~5935	-50.14	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5720~5725	-27.54	≤18.26	PASS
11AC20S ISO	Ant1	Low	5745	5700~5720	-28.91	≤14.48	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-49.86	≤-26.75	PASS
11AC20S ISO	Ant1	Low	5745	5760~5650	-48.72	≤-27	PASS
11AC20S ISO	Ant1	High	5825	5850~5855	-35.82	≤16.54	PASS
11AC20S ISO	Ant1	High	5825	5855~5875	-31.1	≤14.89	PASS
11AC20S ISO	Ant1	High	5825	5875~5925	-49.44	≤-26.87	PASS
11AC20S ISO	Ant1	High	5825	5925~5935	-49.48	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5720~5725	-23.6	≤15.90	PASS
11AC40S ISO	Ant1	Low	5755	5700~5720	-24.61	≤14.92	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-45.73	≤-26.94	PASS
11AC40S	Ant1	Low	5755	5780~5650	-45.52	≤-27	PASS

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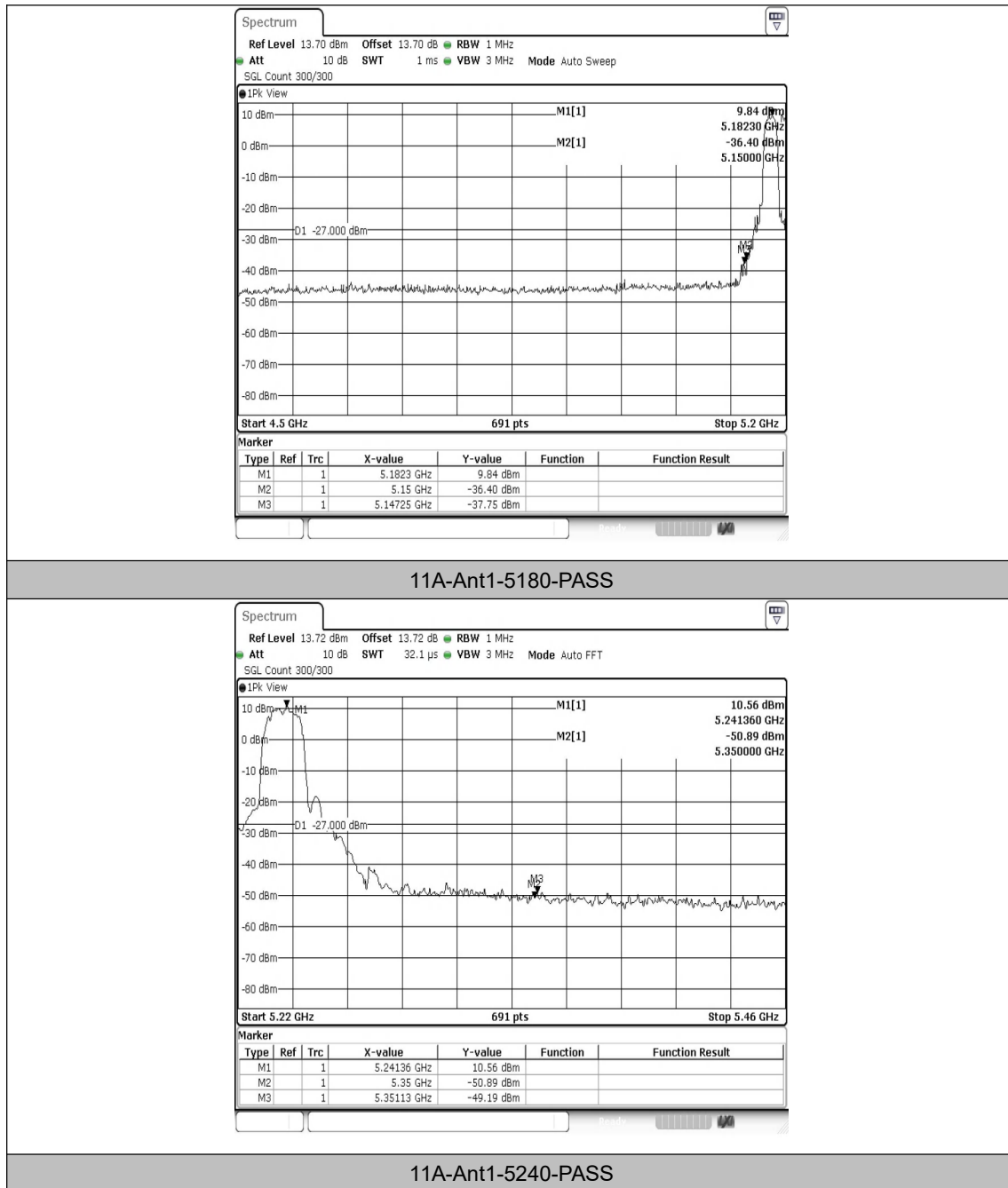


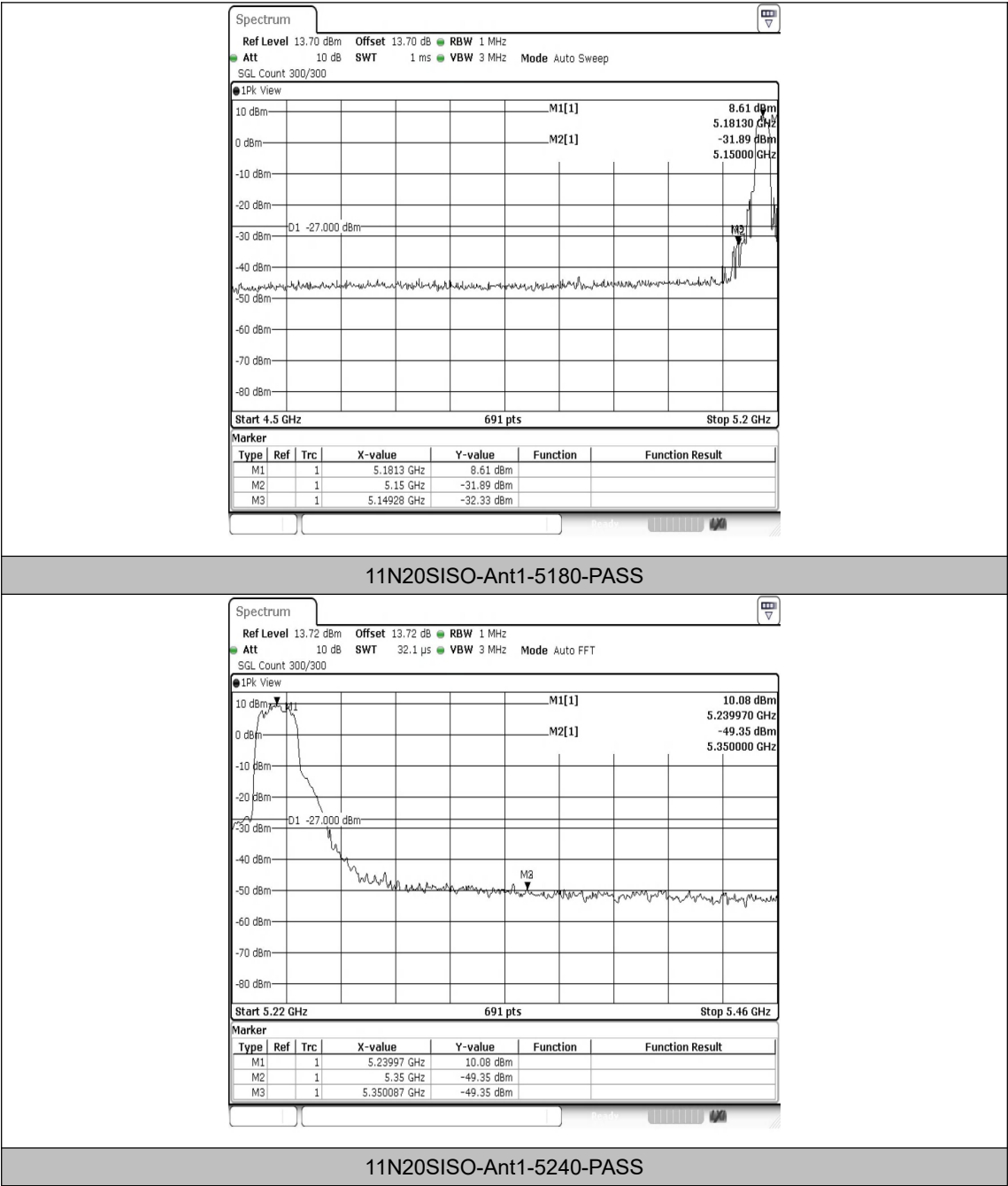
ISO							
11AC40S ISO	Ant1	High	5795	5850~5855	-38.61	≤15.85	PASS
11AC40S ISO	Ant1	High	5795	5855~5875	-38.2	≤13.82	PASS
11AC40S ISO	Ant1	High	5795	5875~5925	-51.41	≤-26.97	PASS
11AC40S ISO	Ant1	High	5795	5925~5935	-50.9	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5720~5725	-41.02	≤15.67	PASS
11AC80S ISO	Ant1	Low	5775	5700~5720	-43.78	≤12.46	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-50.62	≤-26.54	PASS
11AC80S ISO	Ant1	Low	5775	5800~5650	-50.77	≤-27	PASS
11AC80S ISO	Ant1	High	5775	5850~5855	-43.1	≤15.98	PASS
11AC80S ISO	Ant1	High	5775	5855~5875	-39.71	≤13.02	PASS
11AC80S ISO	Ant1	High	5775	5875~5925	-52	≤-26.86	PASS
11AC80S ISO	Ant1	High	5775	5925~5935	-51.63	≤-27	PASS

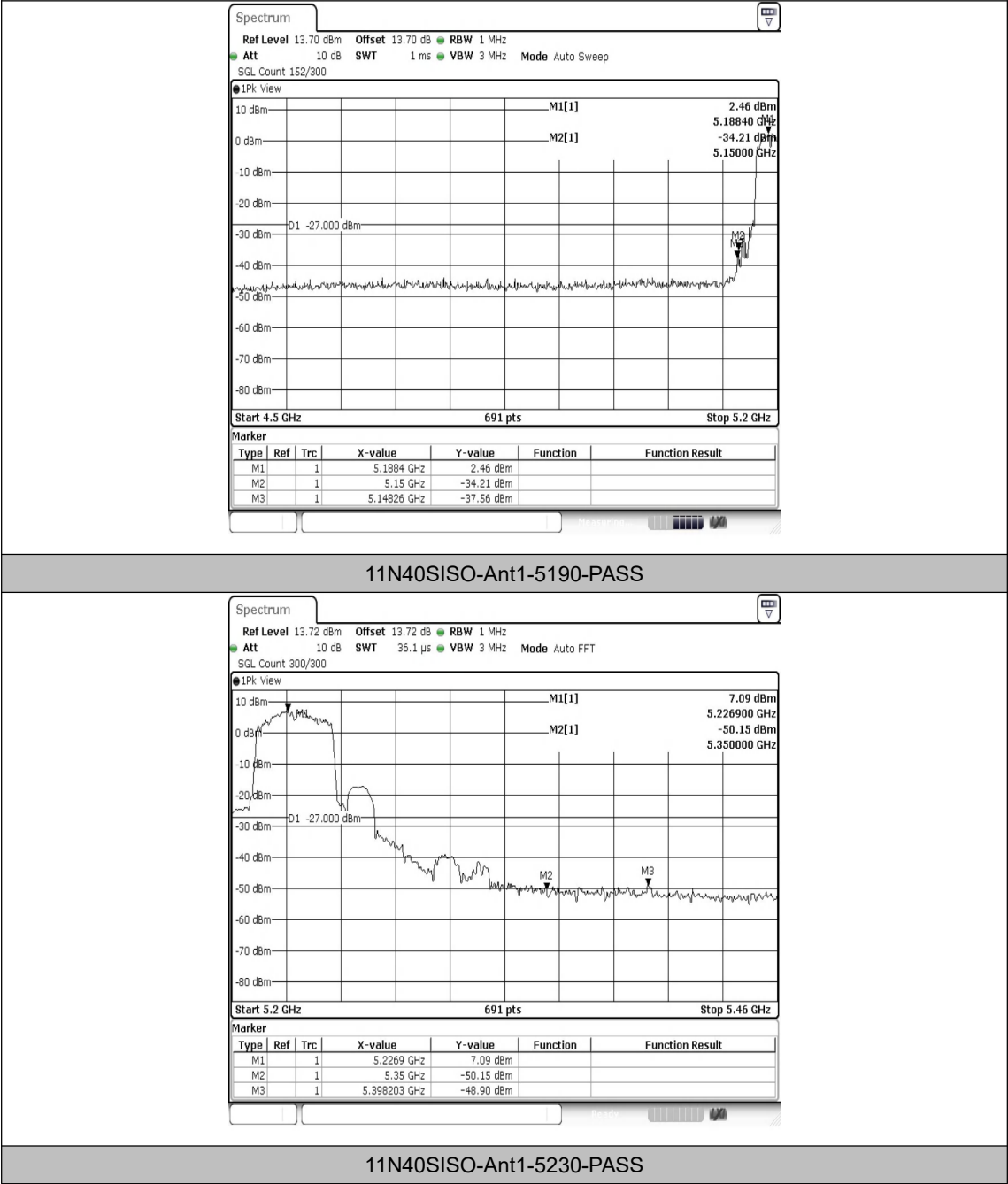
Note: The margin is at least greater than the antenna gain plus the cable loss.

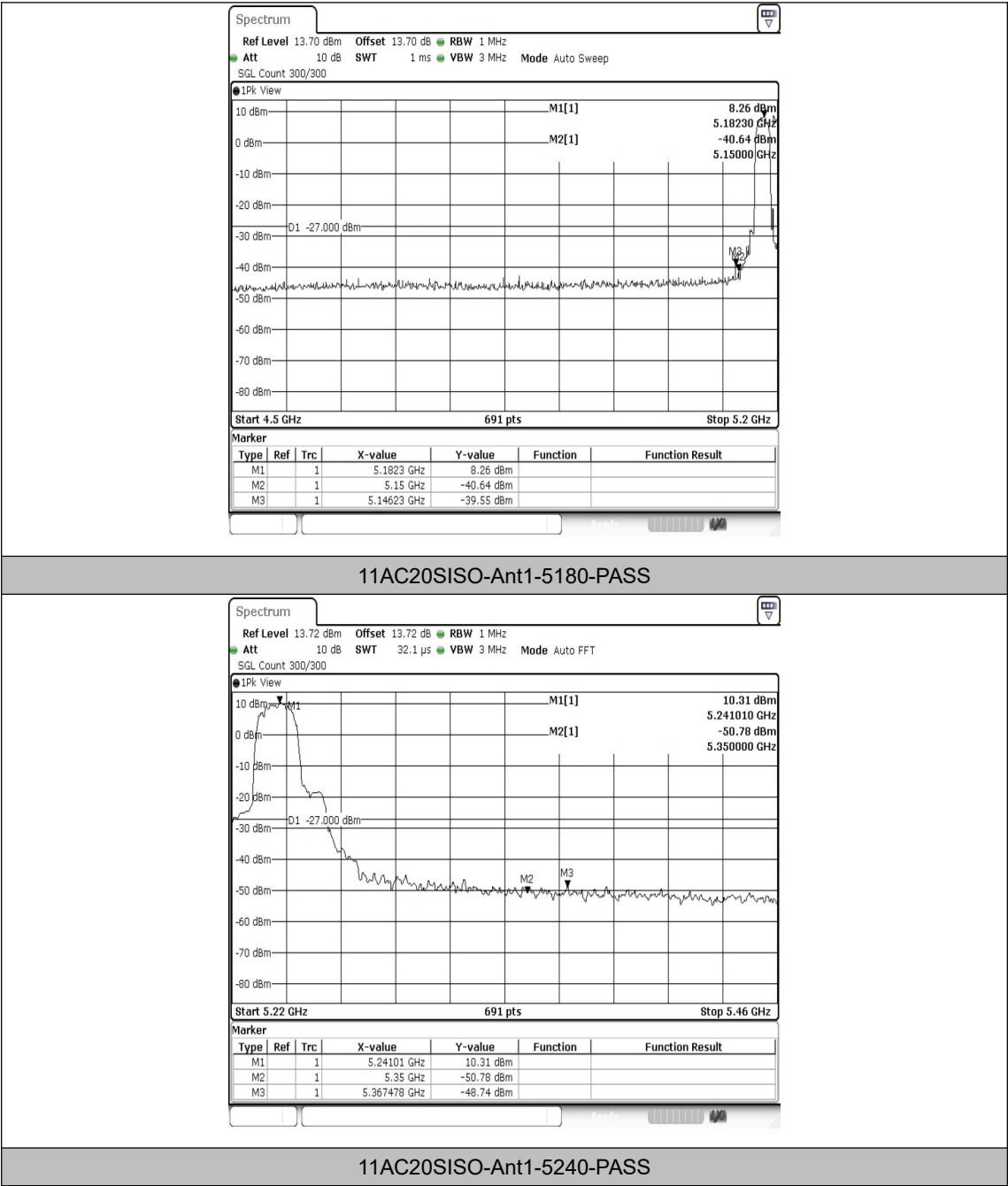


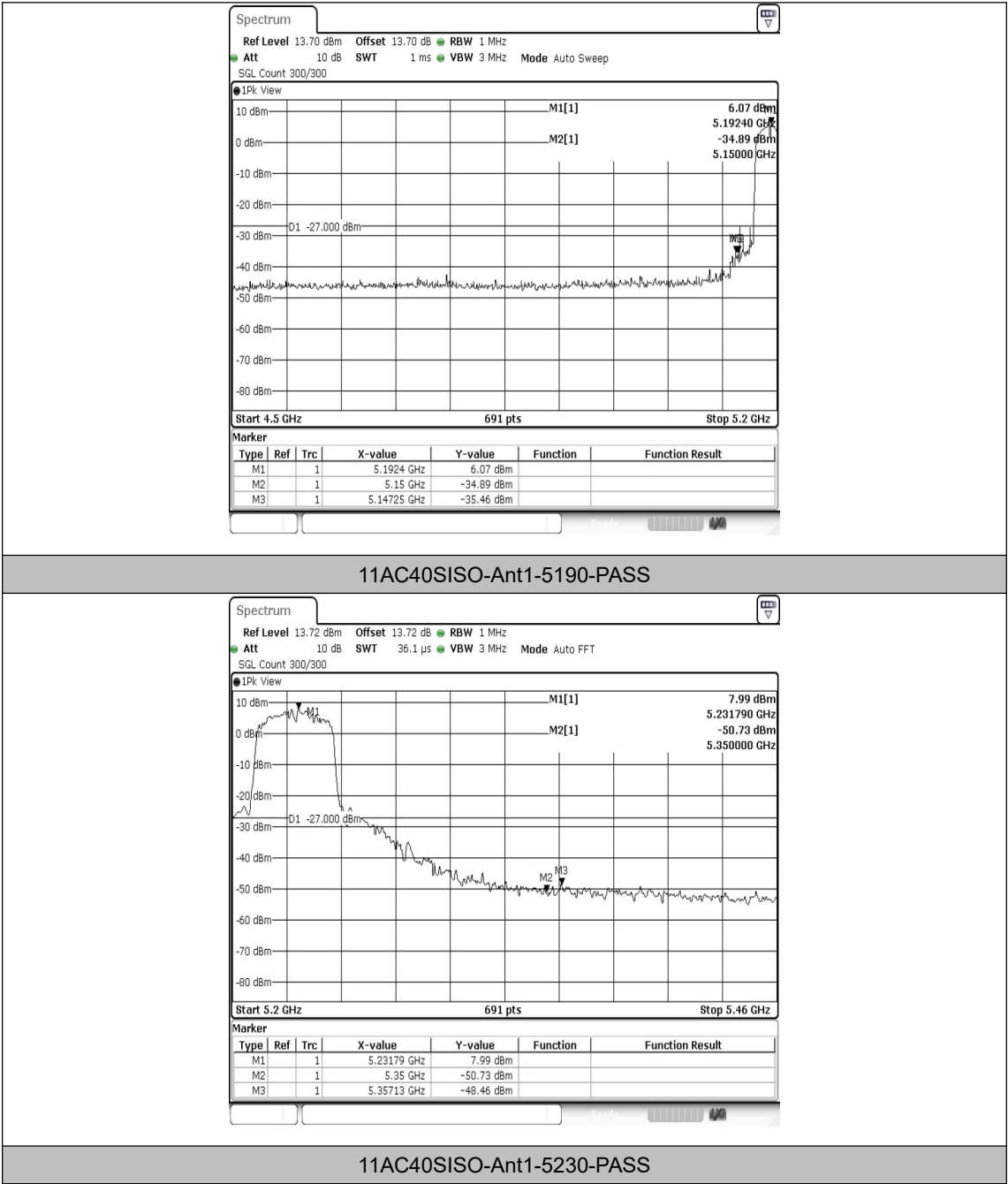
Test Graphs B1

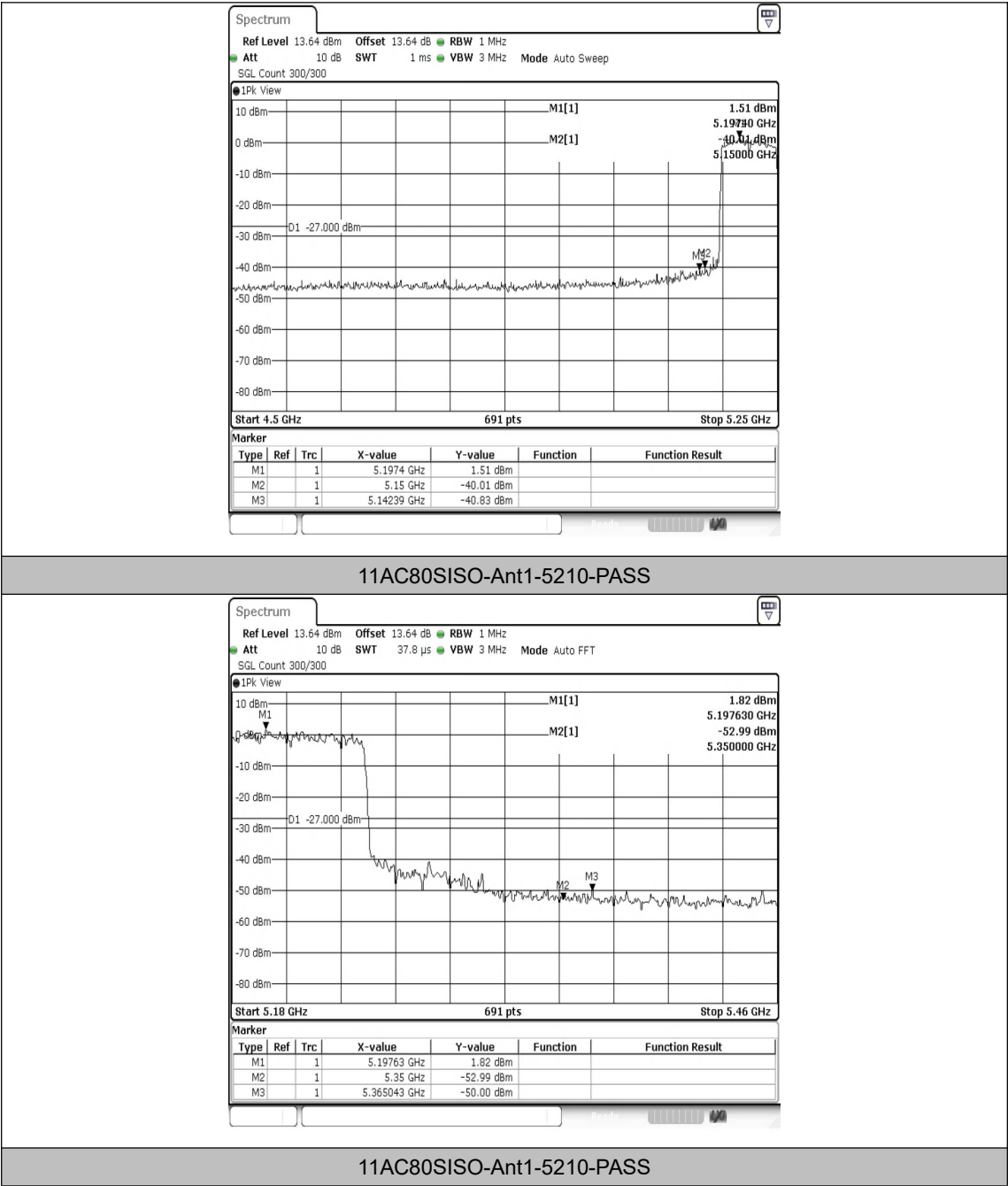




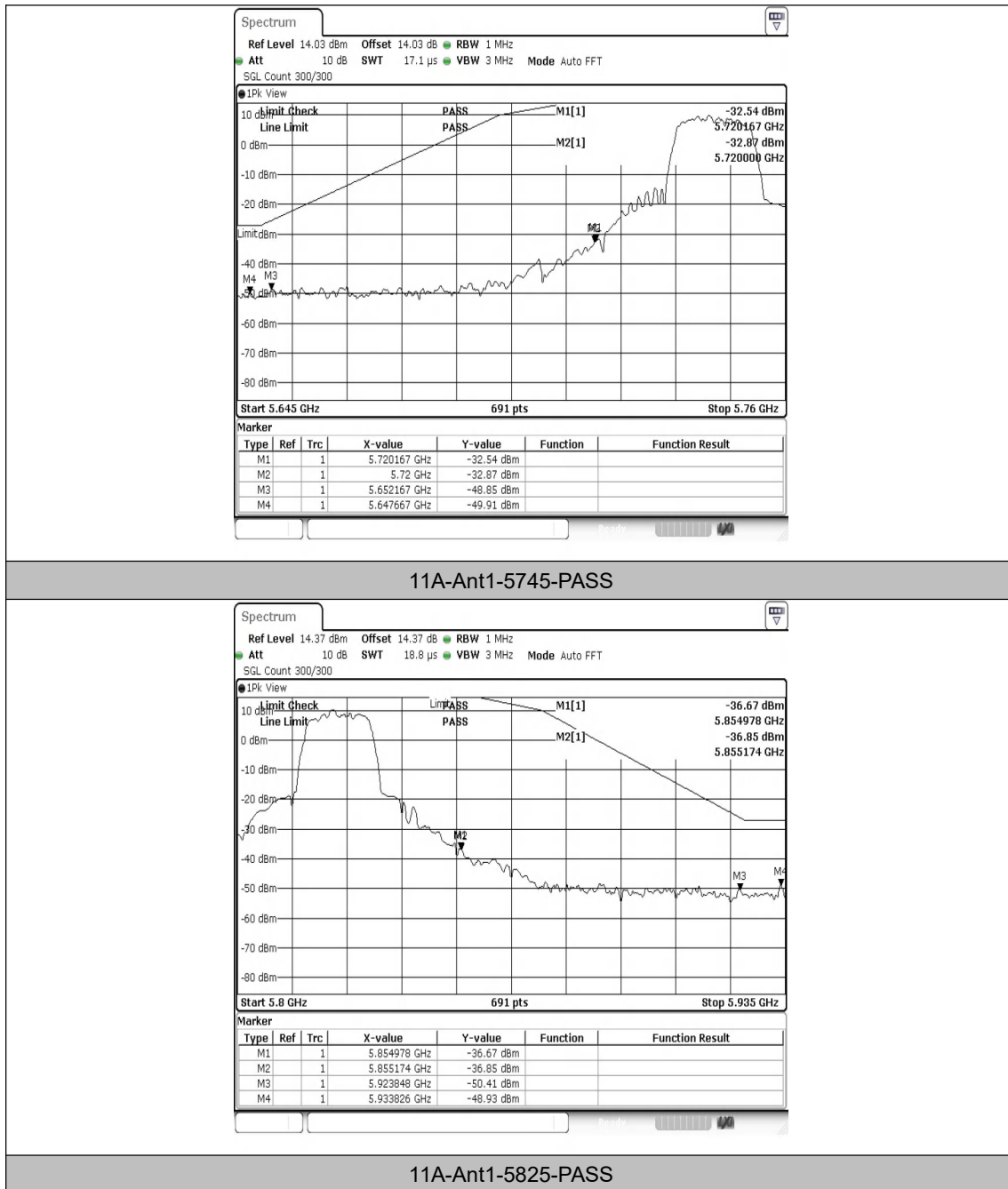


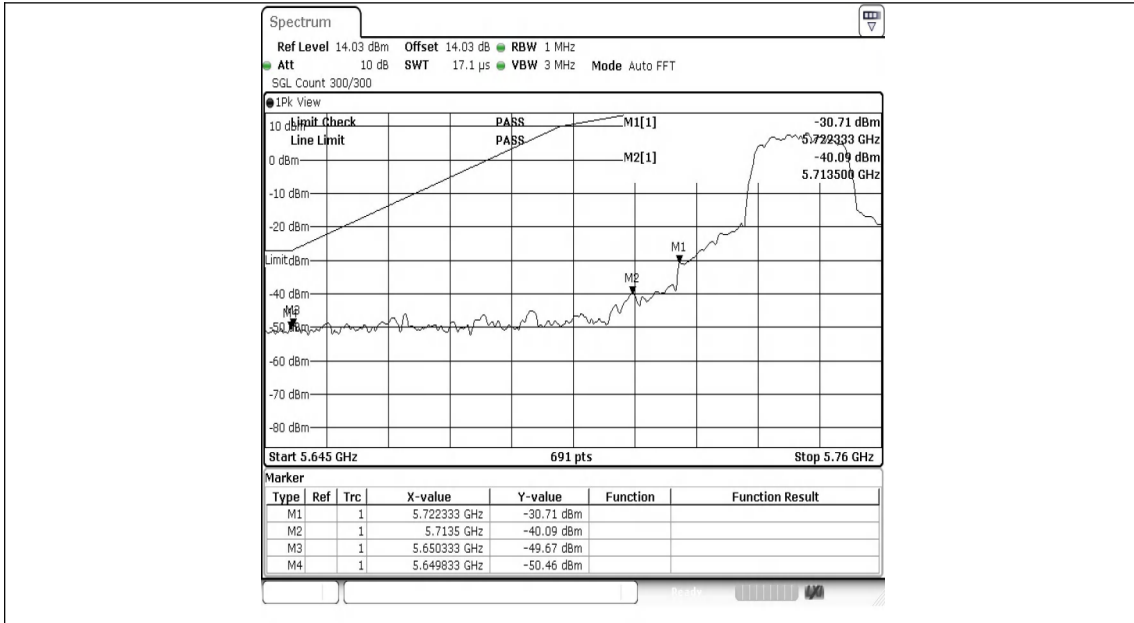




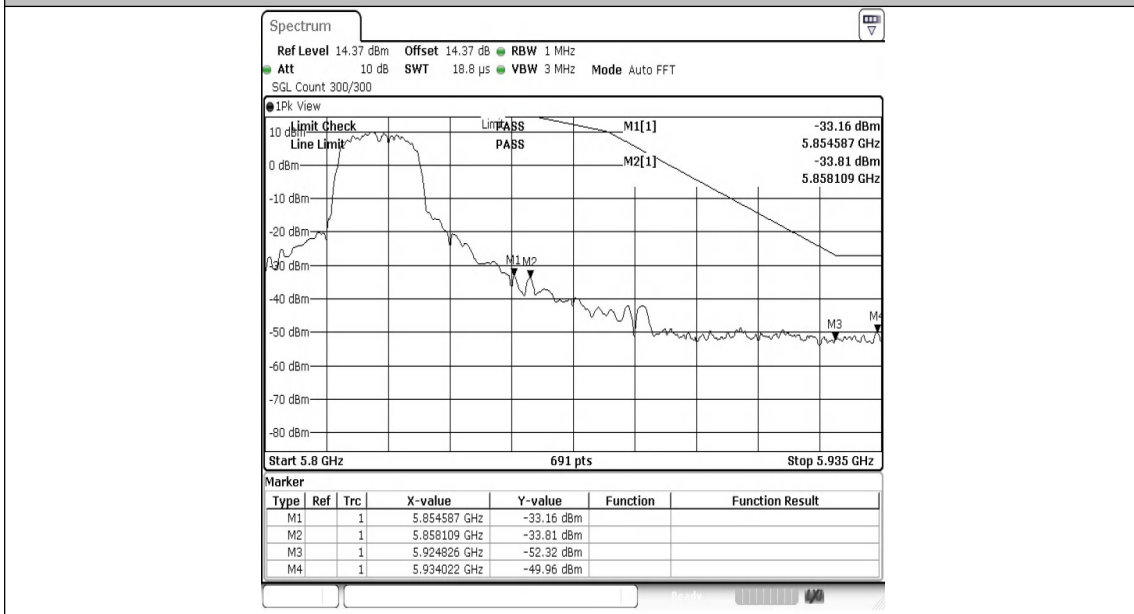


Test Graphs B4



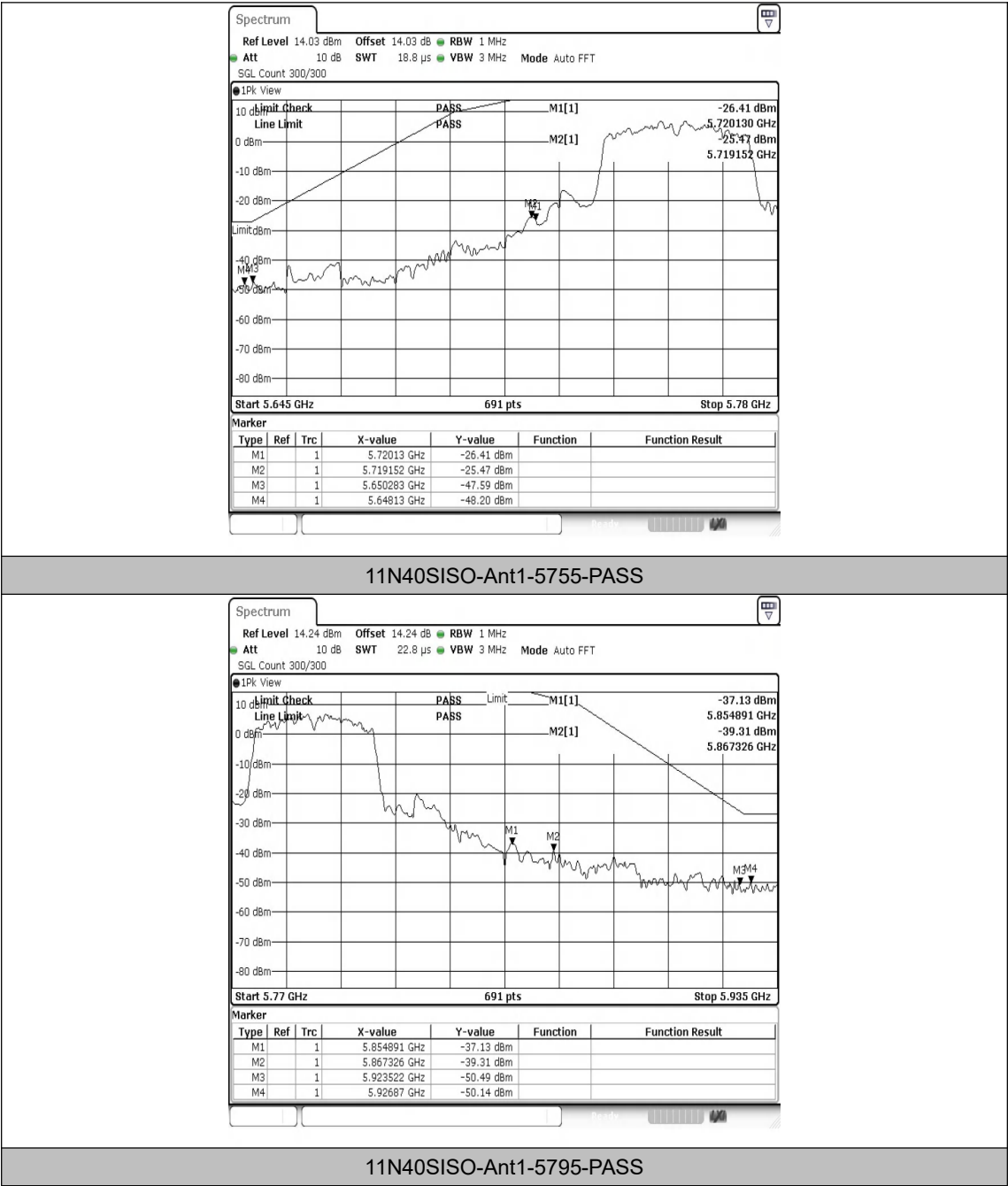


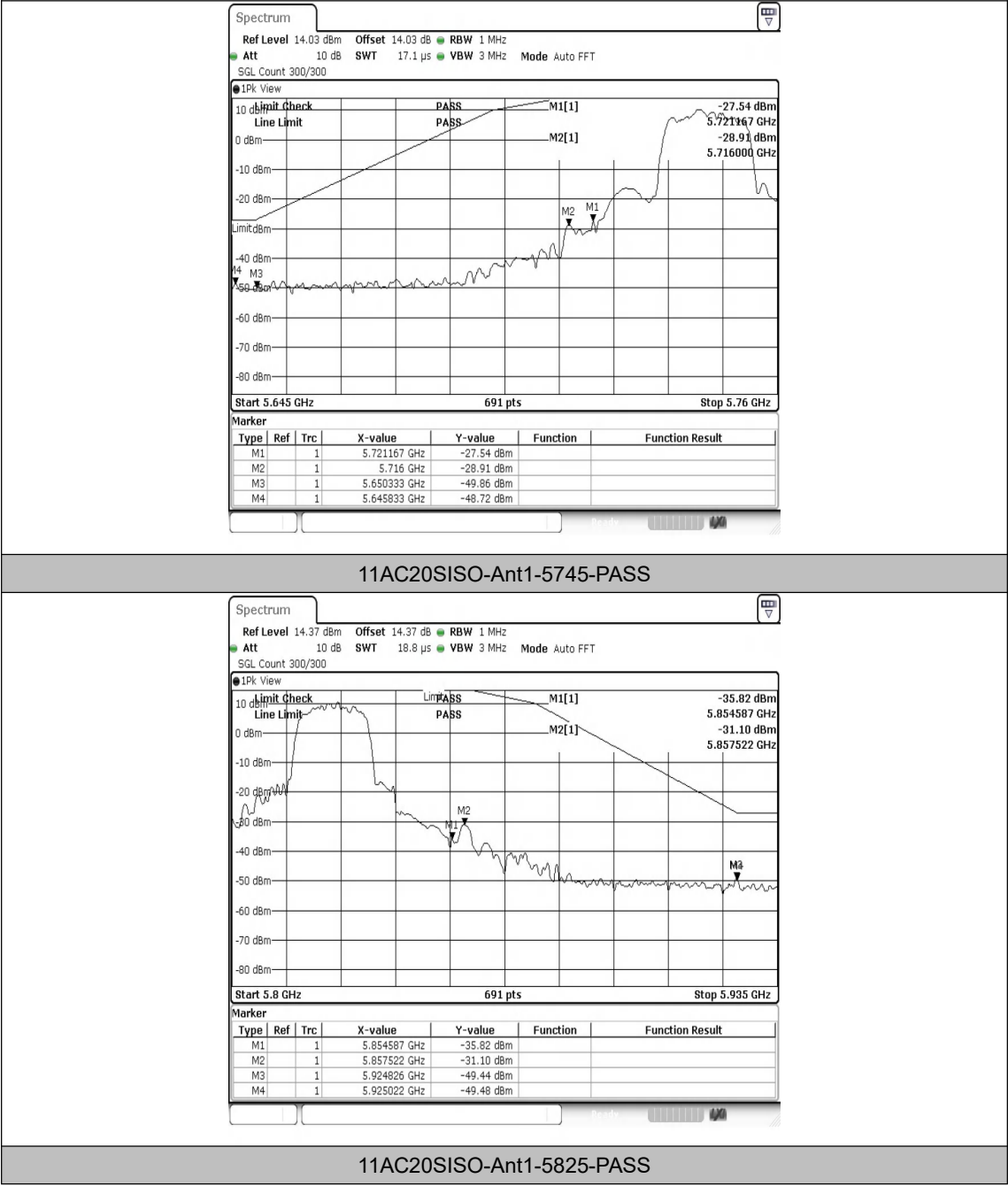
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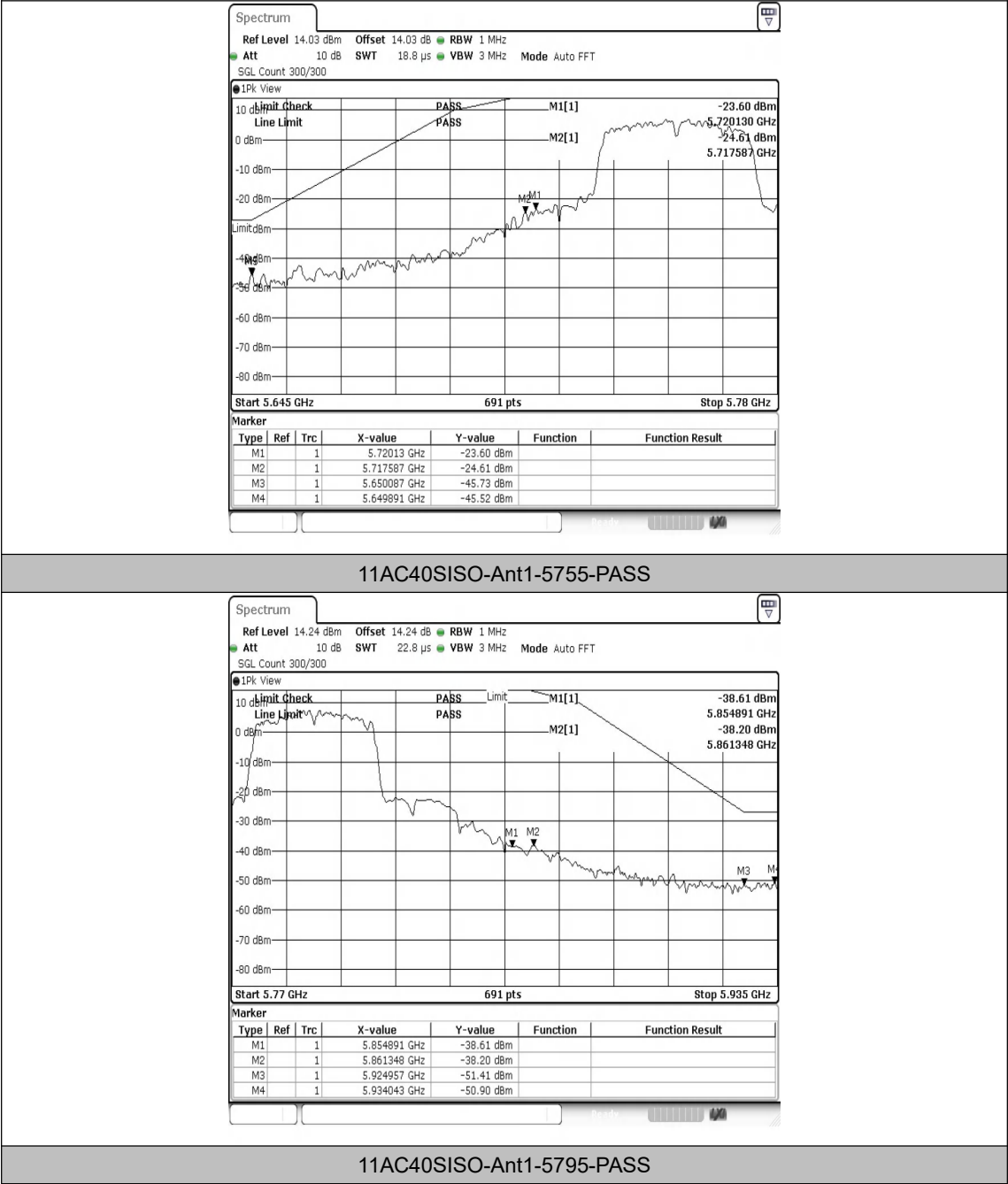


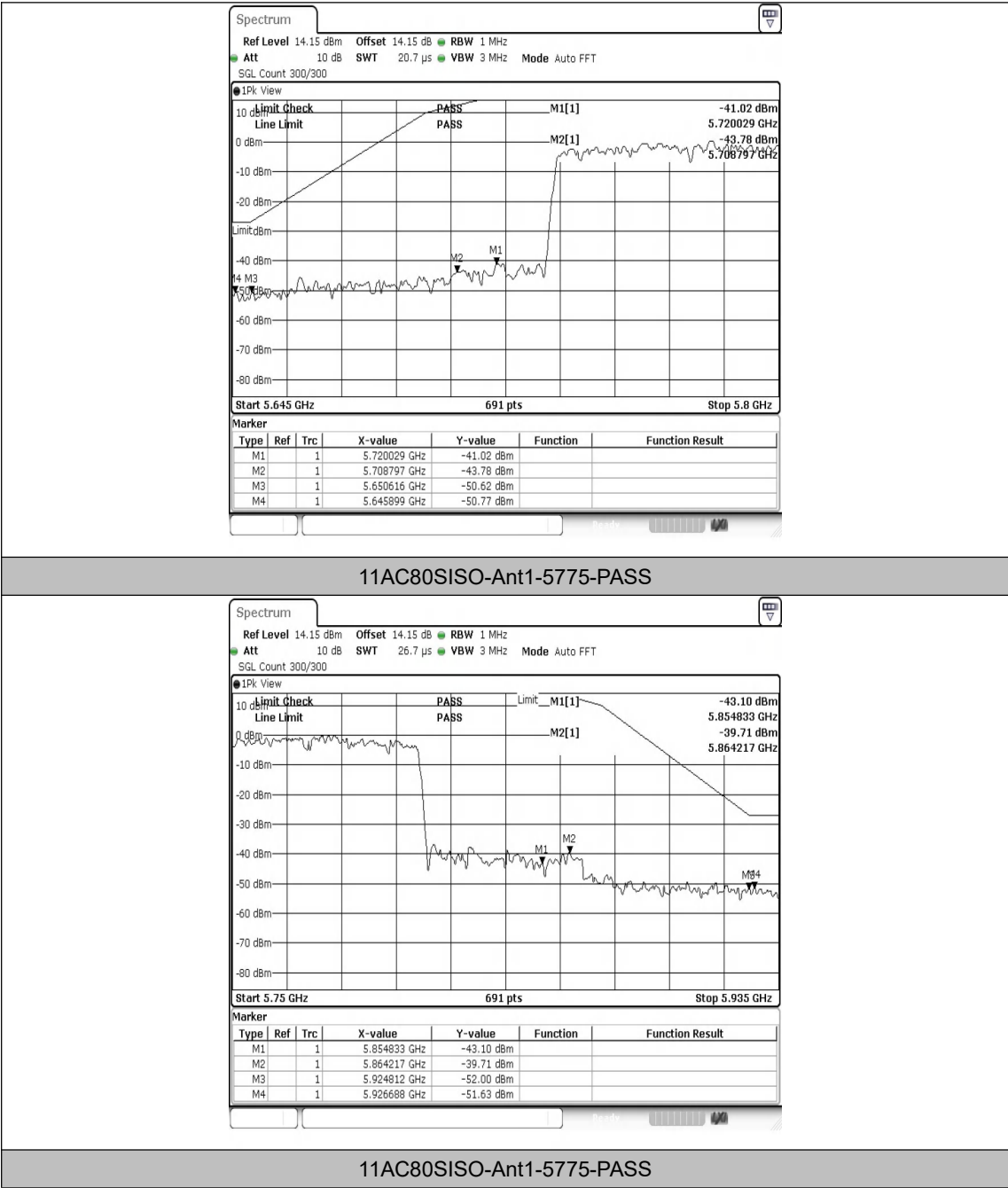
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