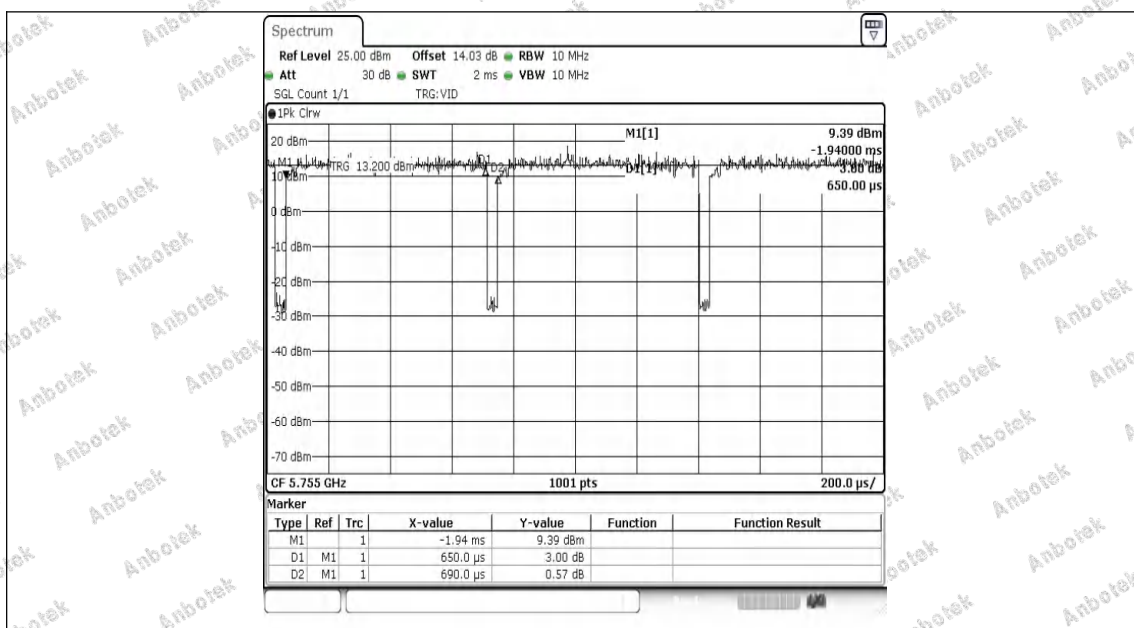
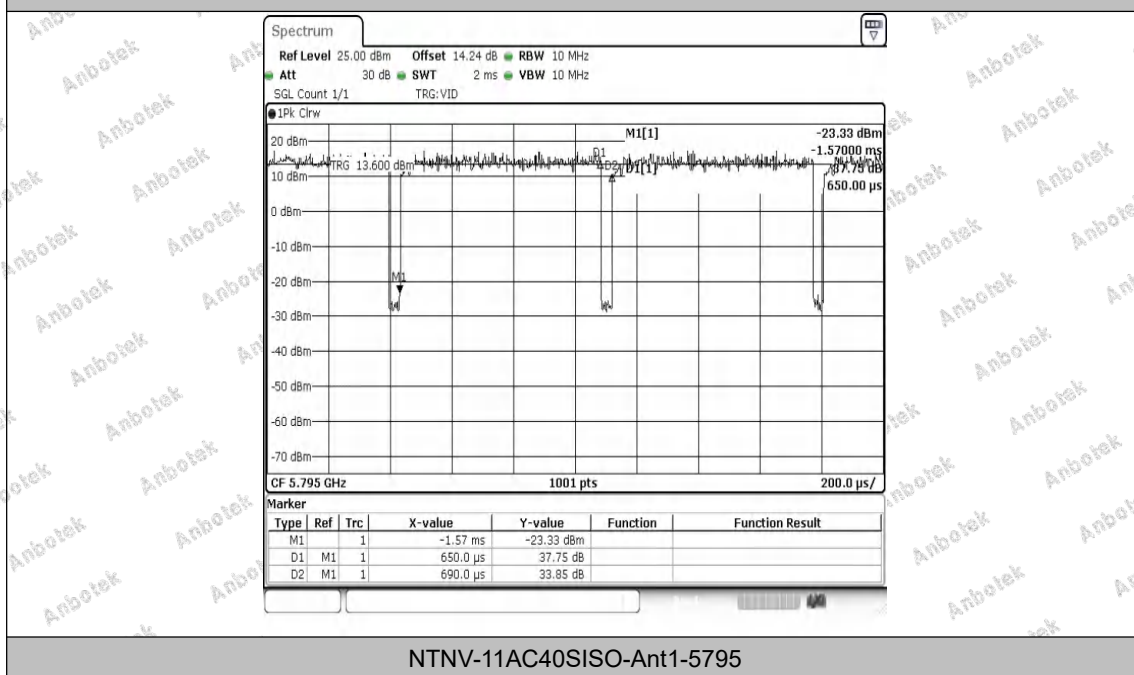


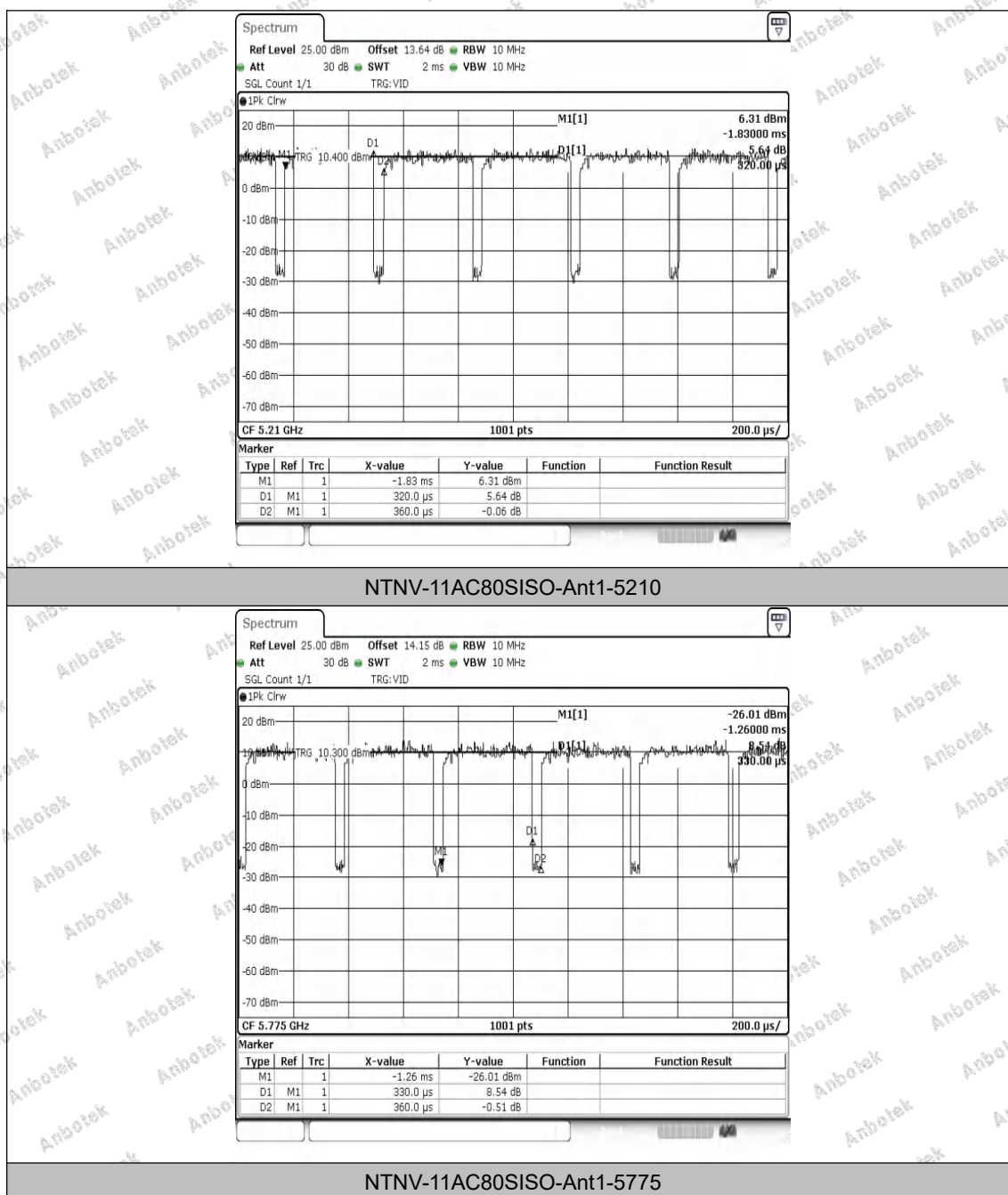


NTNV-11AC40SISO-Ant1-5755



NTNV-11AC40SISO-Ant1-5795





Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	12.42	97.90	0.09	12.51	≤23.98	PASS
11A	Ant1	5200	---	11.96	97.22	0.12	12.08	≤23.98	PASS
11A	Ant1	5240	---	12.19	97.22	0.12	12.31	≤23.98	PASS
11A	Ant1	5745	---	11.50	97.20	0.12	11.62	≤30.00	PASS
11A	Ant1	5785	---	12.03	97.20	0.12	12.15	≤30.00	PASS
11A	Ant1	5825	---	12.11	97.90	0.09	12.20	≤30.00	PASS
11N20SI SO	Ant1	5180	---	11.85	97.74	0.10	11.95	≤23.98	PASS
11N20SI SO	Ant1	5200	---	11.86	96.27	0.17	12.03	≤23.98	PASS
11N20SI SO	Ant1	5240	---	12.15	97.74	0.10	12.25	≤23.98	PASS
11N20SI SO	Ant1	5745	---	11.40	97.76	0.10	11.50	≤30.00	PASS
11N20SI SO	Ant1	5785	---	12.37	97.01	0.13	12.50	≤30.00	PASS
11N20SI SO	Ant1	5825	---	12.49	97.01	0.13	12.62	≤30.00	PASS
11N40SI SO	Ant1	5190	---	11.93	94.20	0.26	12.19	≤23.98	PASS
11N40SI SO	Ant1	5230	---	12.62	95.59	0.20	12.82	≤23.98	PASS
11N40SI SO	Ant1	5755	---	11.97	95.59	0.20	12.17	≤30.00	PASS
11N40SI SO	Ant1	5795	---	12.45	94.12	0.26	12.71	≤30.00	PASS
11AC20S ISO	Ant1	5180	---	11.93	97.04	0.13	12.06	≤23.98	PASS
11AC20S ISO	Ant1	5200	---	12.38	97.04	0.13	12.51	≤23.98	PASS
11AC20S ISO	Ant1	5240	---	12.68	97.01	0.13	12.81	≤23.98	PASS
11AC20S ISO	Ant1	5745	---	11.94	97.76	0.10	12.04	≤30.00	PASS

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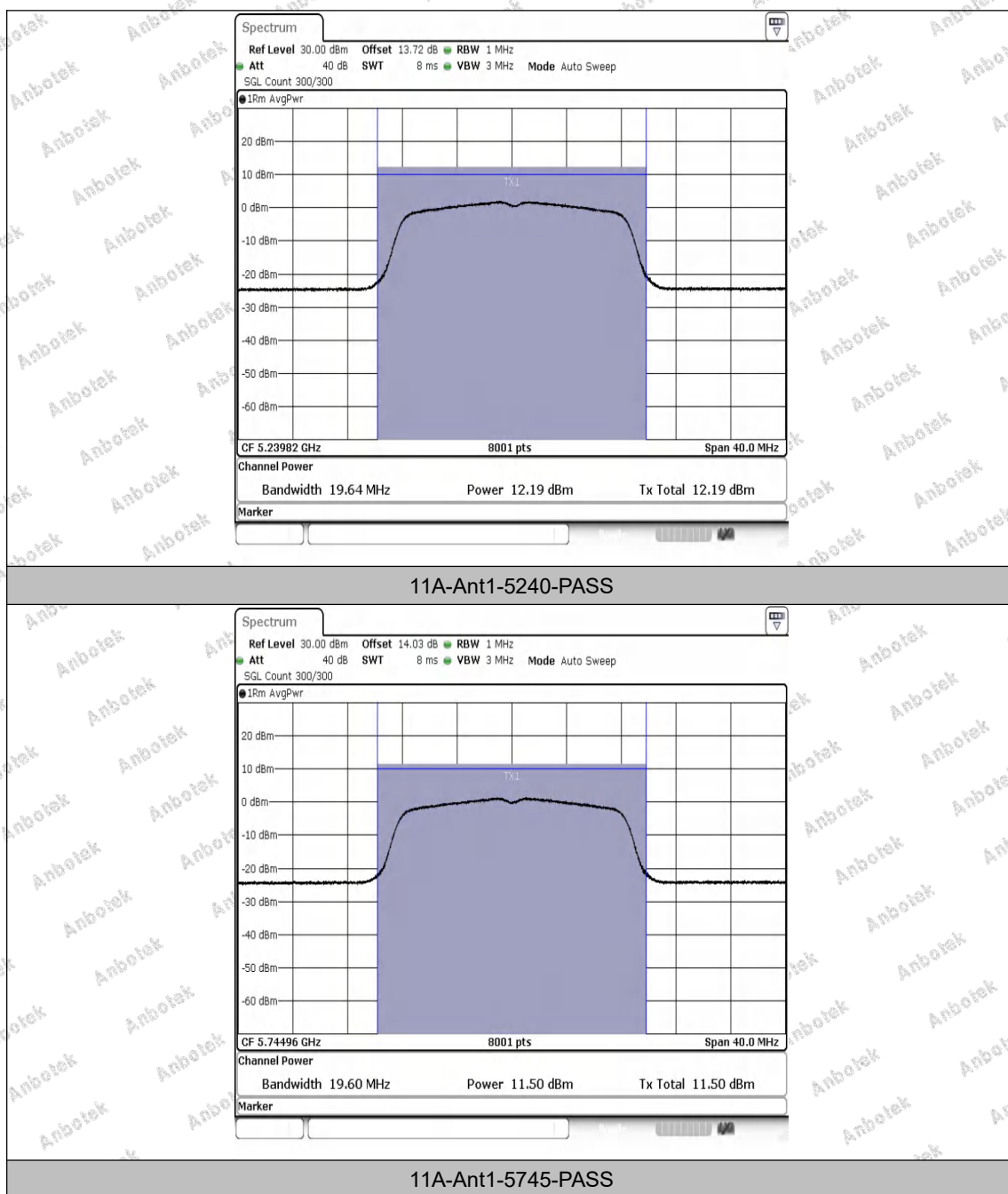
11AC20S ISO	Ant1	5785	---	12.40	97.78	0.10	12.50	≤30.00	PASS
11AC20S ISO	Ant1	5825	---	12.54	97.04	0.13	12.67	≤30.00	PASS
11AC40S ISO	Ant1	5190	---	11.96	94.20	0.26	12.22	≤23.98	PASS
11AC40S ISO	Ant1	5230	---	12.70	94.20	0.26	12.96	≤23.98	PASS
11AC40S ISO	Ant1	5755	---	11.99	94.20	0.26	12.25	≤30.00	PASS
11AC40S ISO	Ant1	5795	---	12.43	94.20	0.26	12.69	≤30.00	PASS
11AC80S ISO	Ant1	5210	---	11.57	88.89	0.51	12.08	≤23.98	PASS
11AC80S ISO	Ant1	5775	---	11.84	91.67	0.38	12.22	≤30.00	PASS

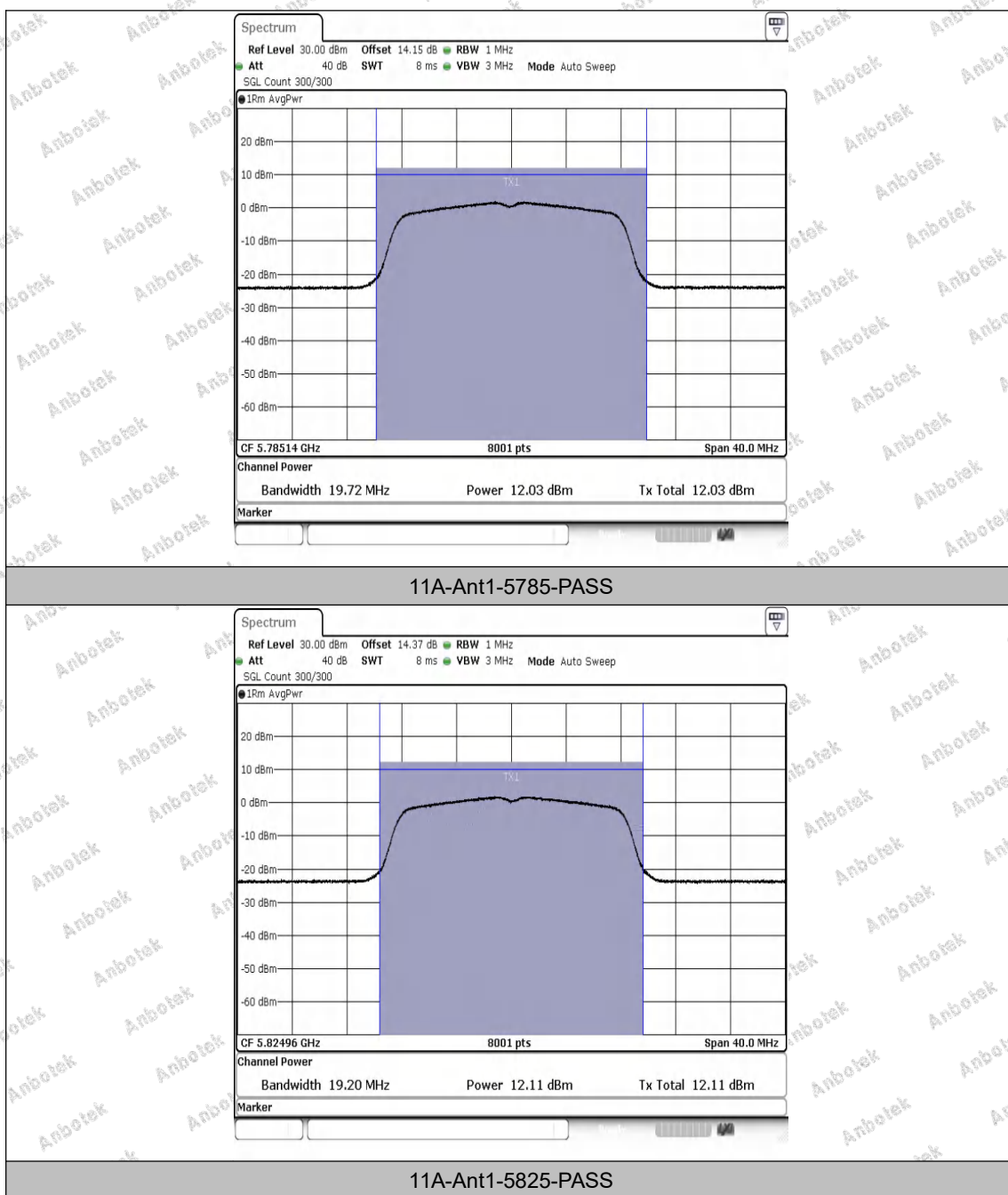
Note: 1.The cable loss are compensated in the graph.



Test Graphs Channel Power

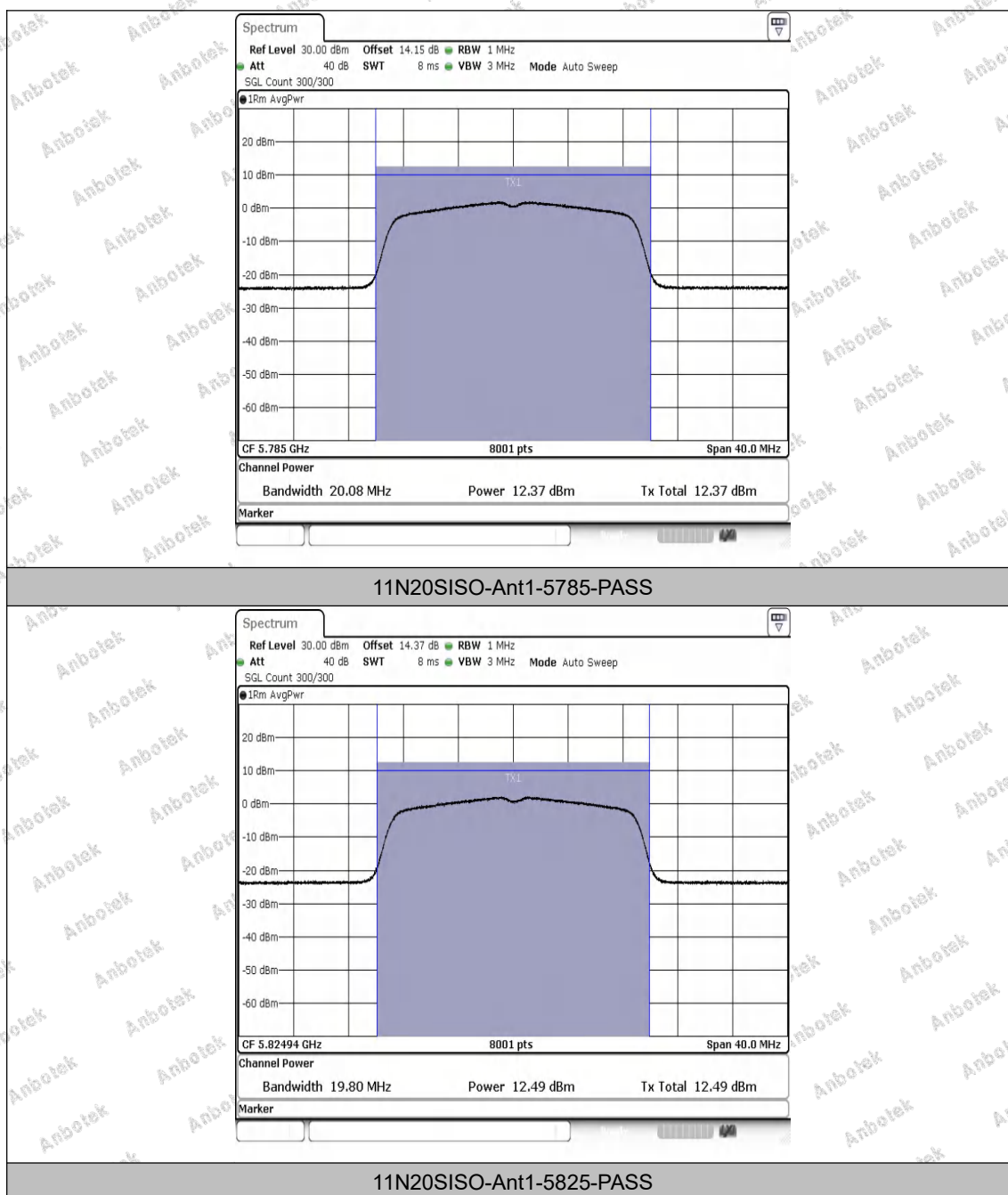


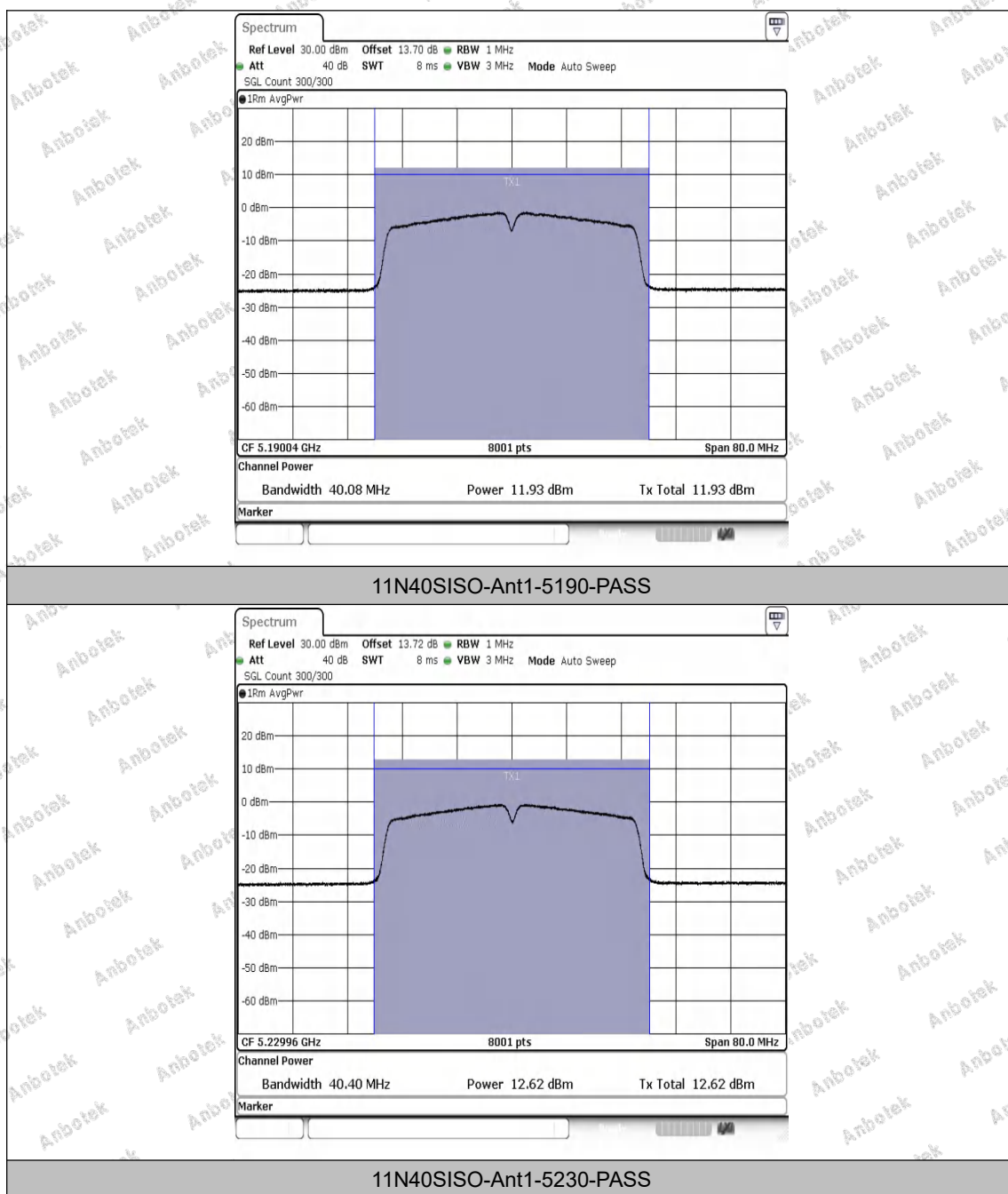


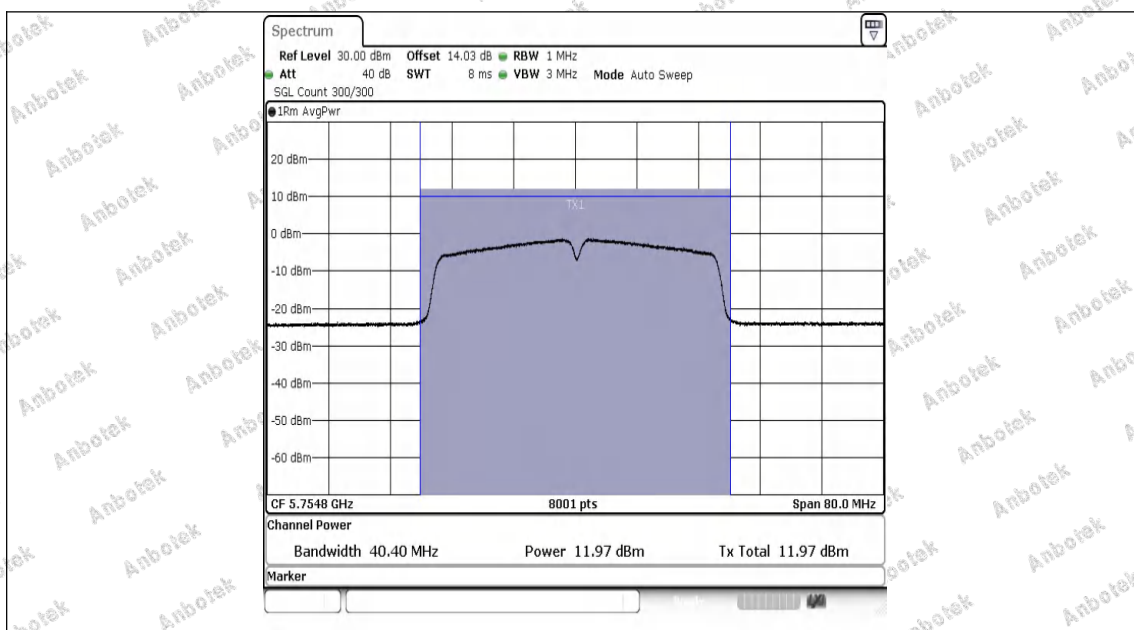




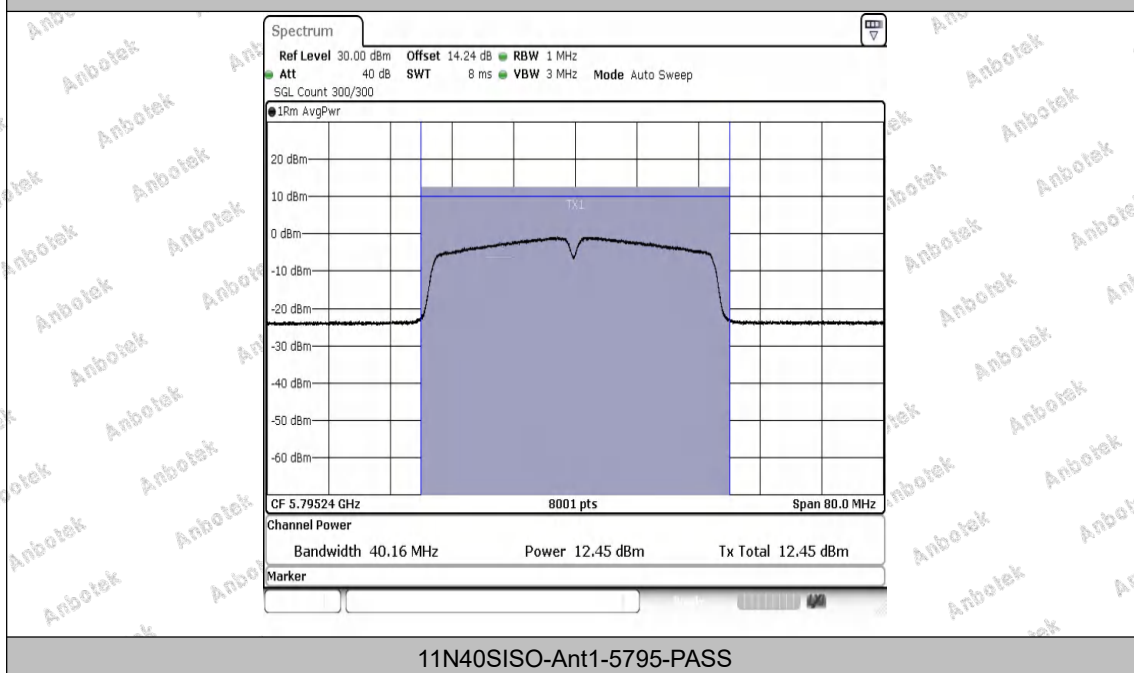






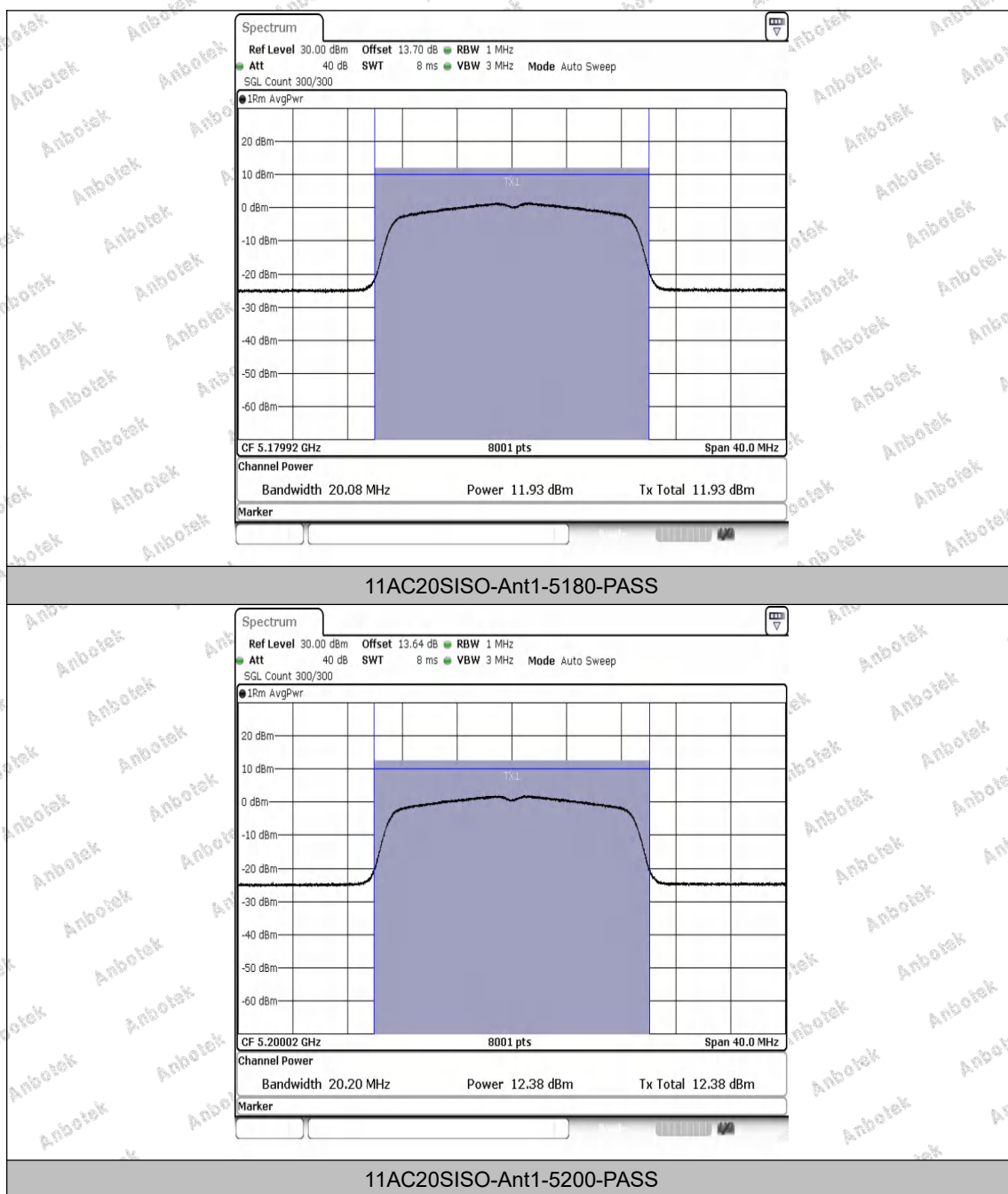


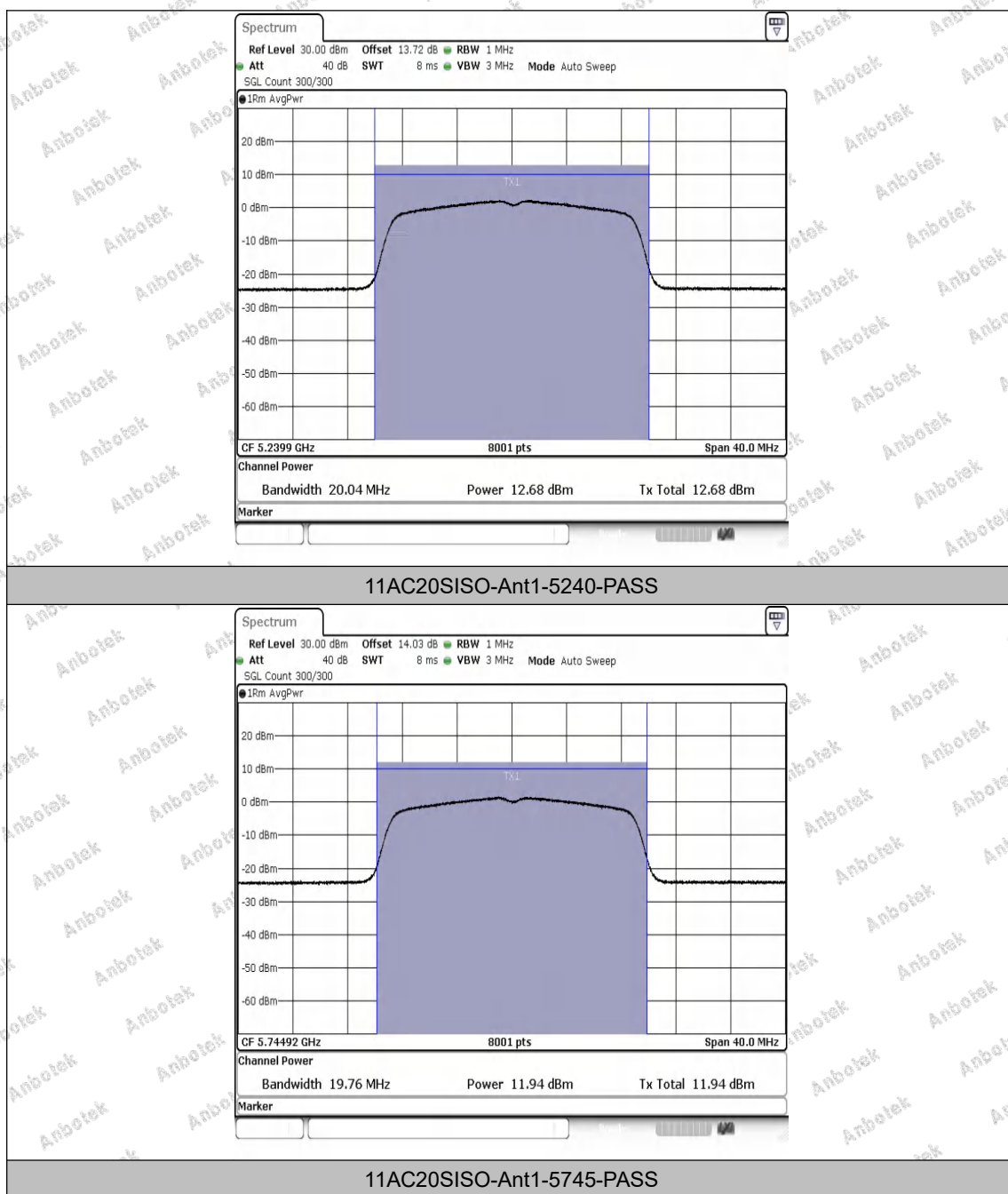
11N40SISO-Ant1-5755-PASS

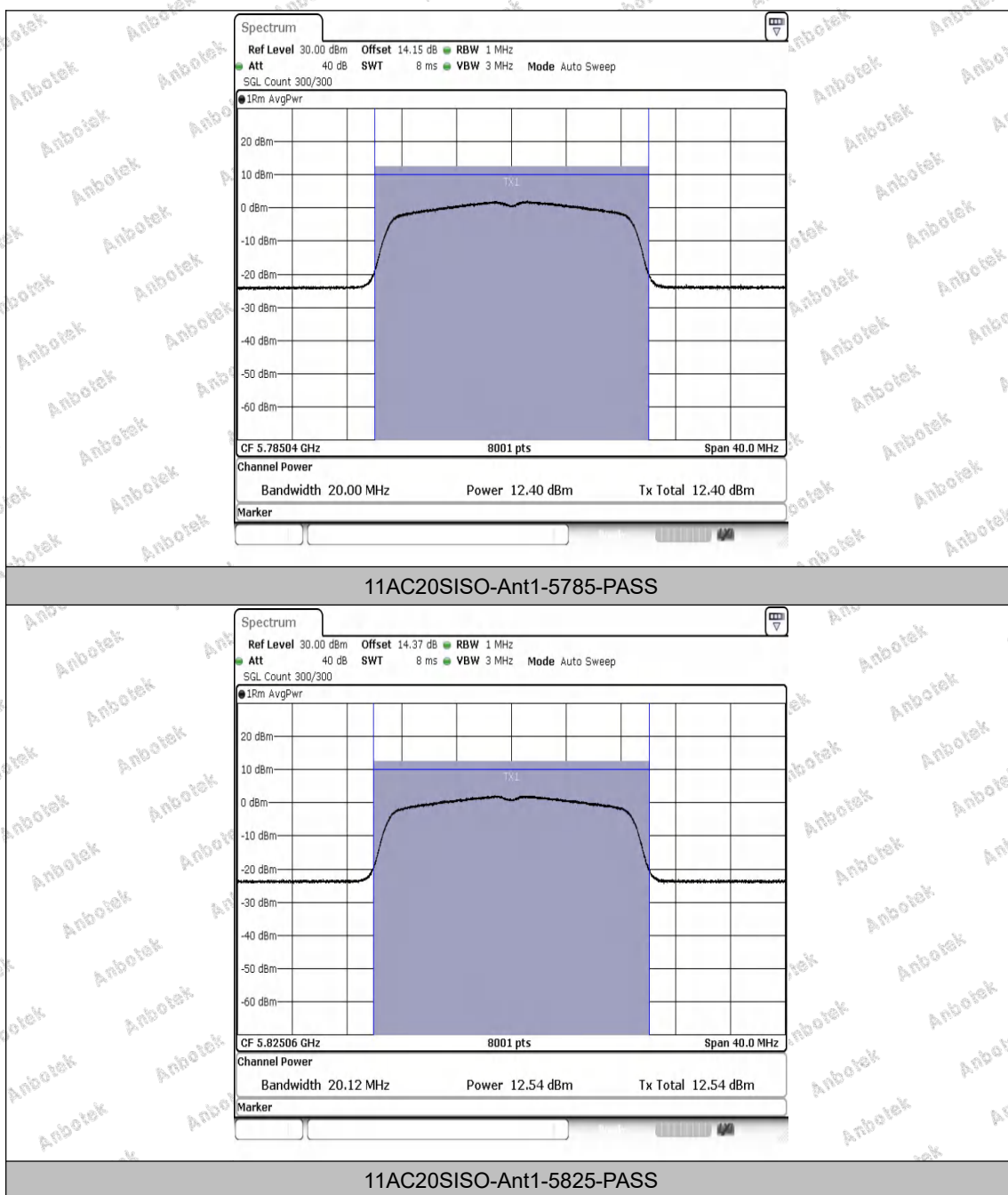


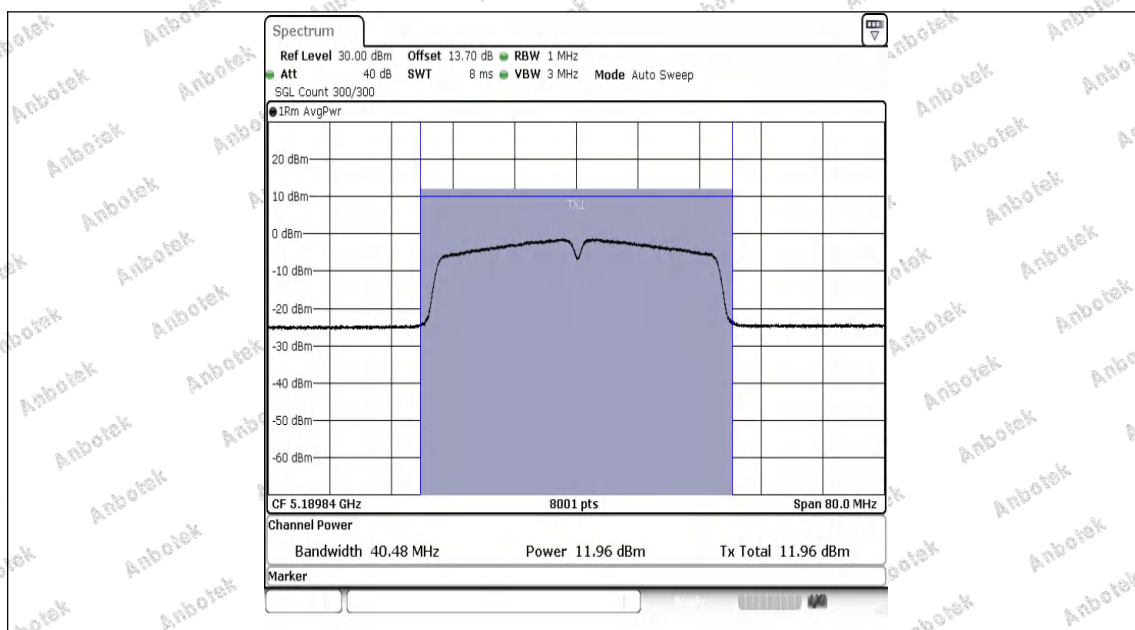
11N40SISO-Ant1-5795-PASS



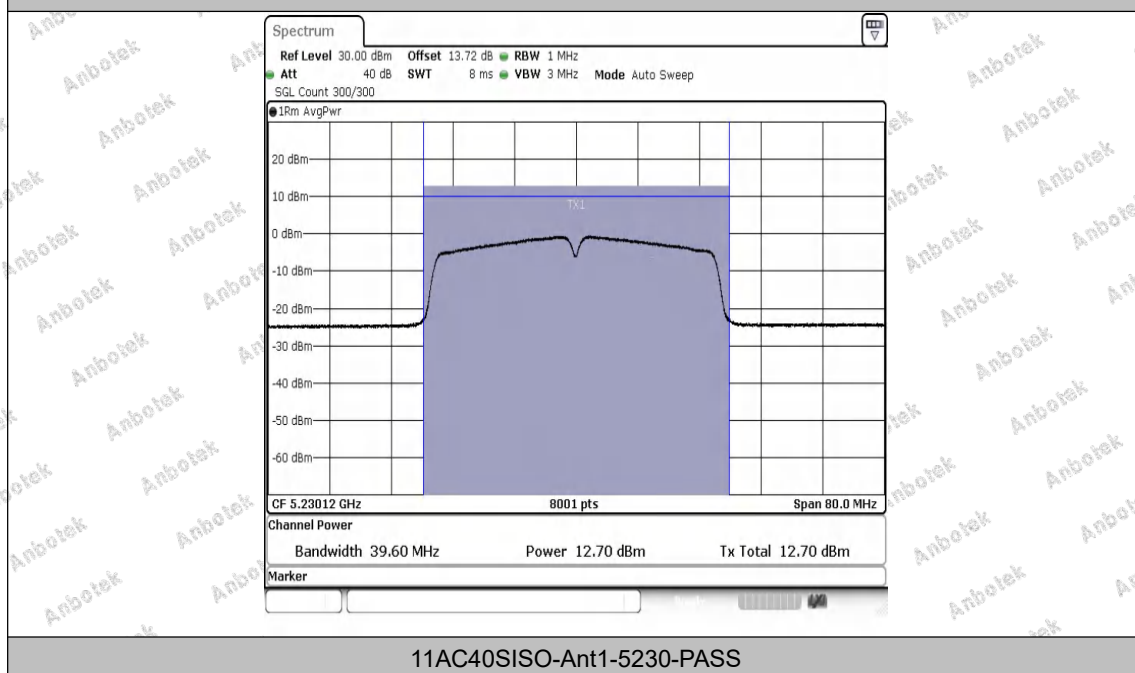






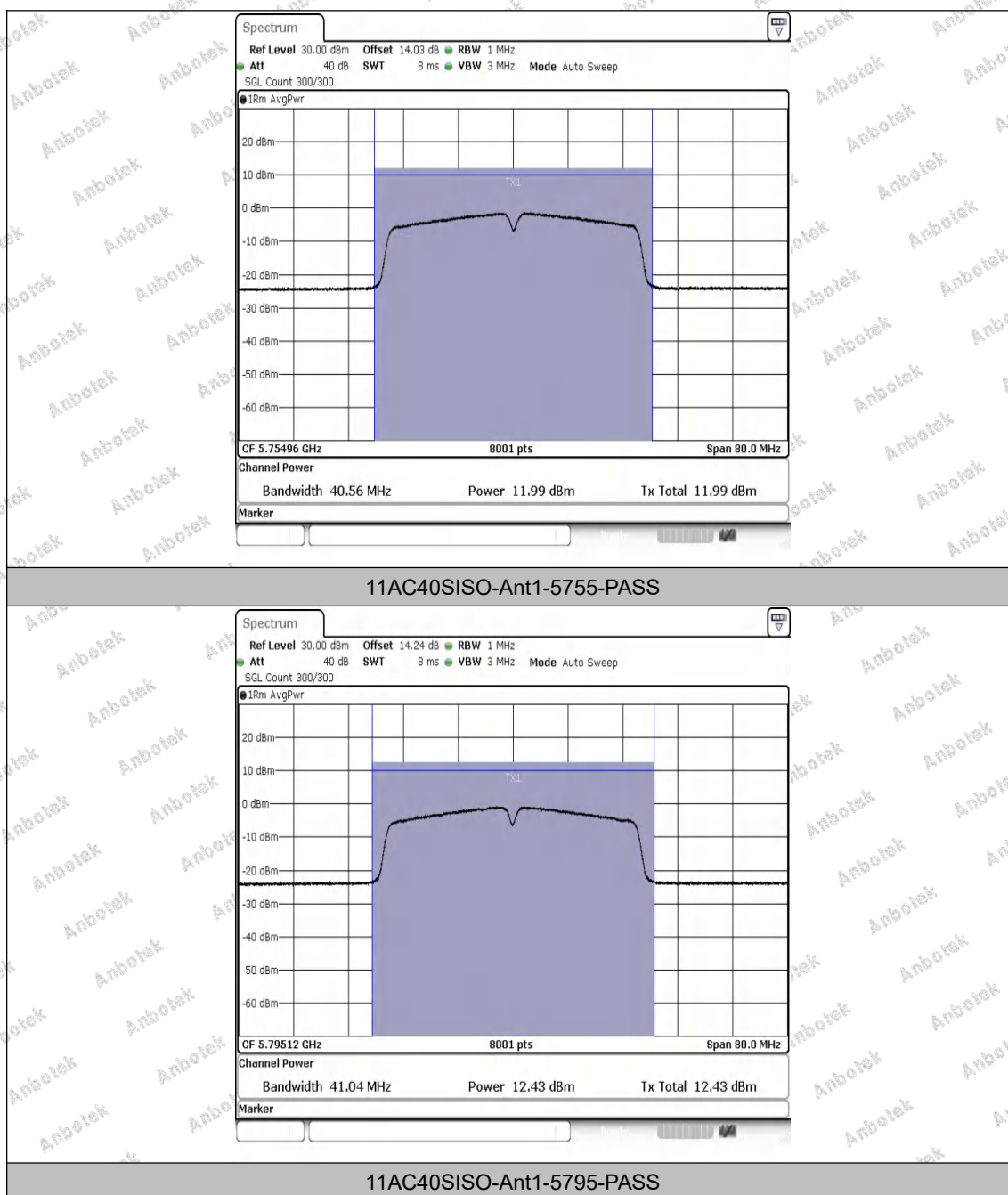


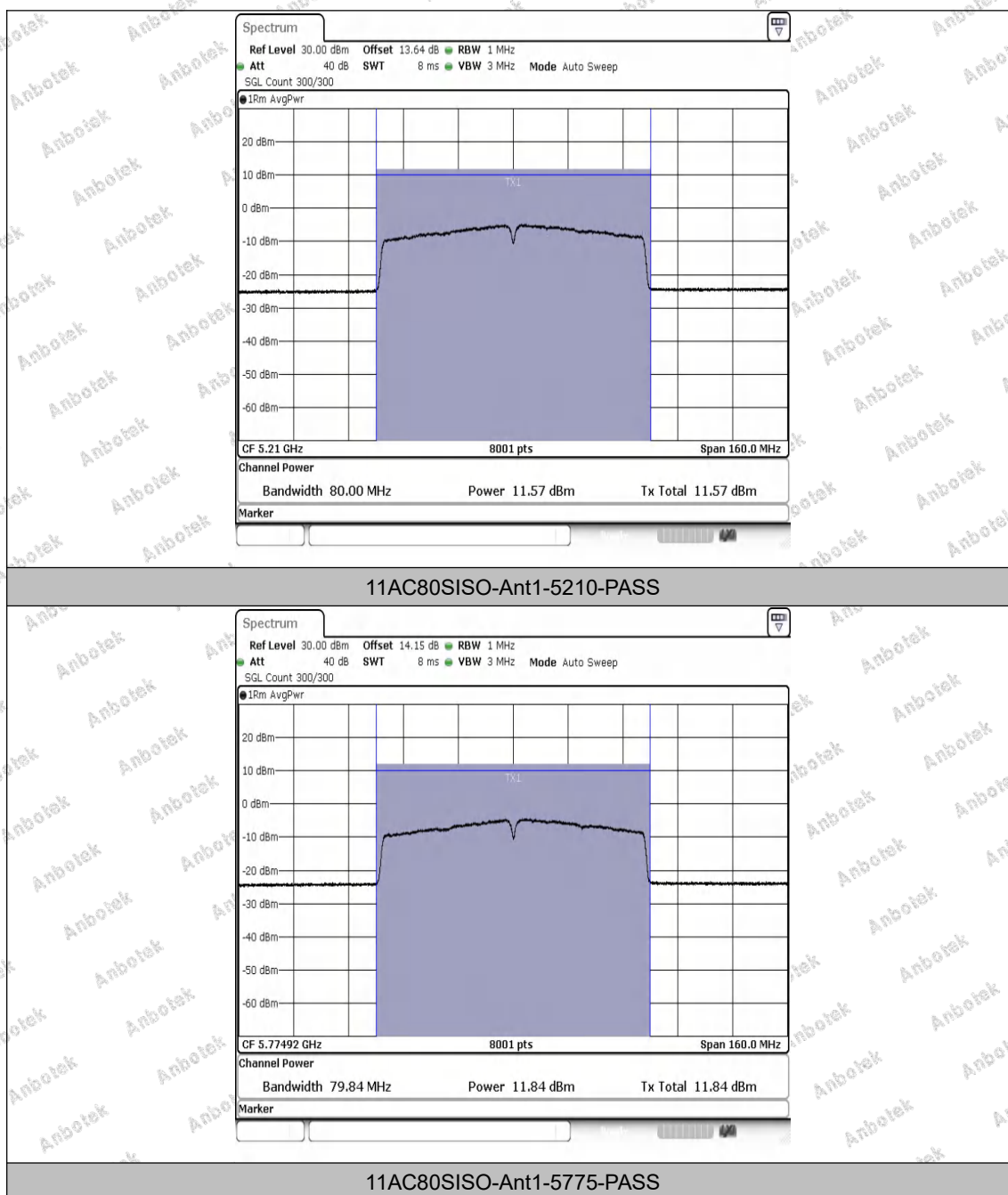
11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS







Appendix D: Maximum power spectral density

Test Result-B1

TestMode	Antenna	Frequency [MHz]	Reading Result[dB m/MHz]	DC Factor [dB]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.49	0.09	2.58	≤11.00	PASS
11A	Ant1	5200	1.63	0.12	1.75	≤11.00	PASS
11A	Ant1	5240	1.71	0.12	1.83	≤11.00	PASS
11N20SISO	Ant1	5180	1.47	0.10	1.57	≤11.00	PASS
11N20SISO	Ant1	5200	1.54	0.17	1.71	≤11.00	PASS
11N20SISO	Ant1	5240	1.59	0.10	1.69	≤11.00	PASS
11N40SISO	Ant1	5190	-1.19	0.26	-0.93	≤11.00	PASS
11N40SISO	Ant1	5230	-0.88	0.20	-0.68	≤11.00	PASS
11AC20SISO	Ant1	5180	1.71	0.13	1.84	≤11.00	PASS
11AC20SISO	Ant1	5200	2.01	0.13	2.14	≤11.00	PASS
11AC20SISO	Ant1	5240	1.96	0.13	2.09	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.35	0.26	-1.09	≤11.00	PASS
11AC40SISO	Ant1	5230	-0.83	0.26	-0.57	≤11.00	PASS
11AC80SISO	Ant1	5210	-4.46	0.51	-3.95	≤11.00	PASS

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

Test Result-B4

TestMode	Antenna	Frequency [MHz]	Reading Result[dB m/MHz]	DC Factor [dB]	Result [dBm/500 KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-1.78	0.12	-1.66	≤30.00	PASS
11A	Ant1	5785	-1.20	0.12	-1.08	≤30.00	PASS
11A	Ant1	5825	-1.10	0.09	-1.01	≤30.00	PASS

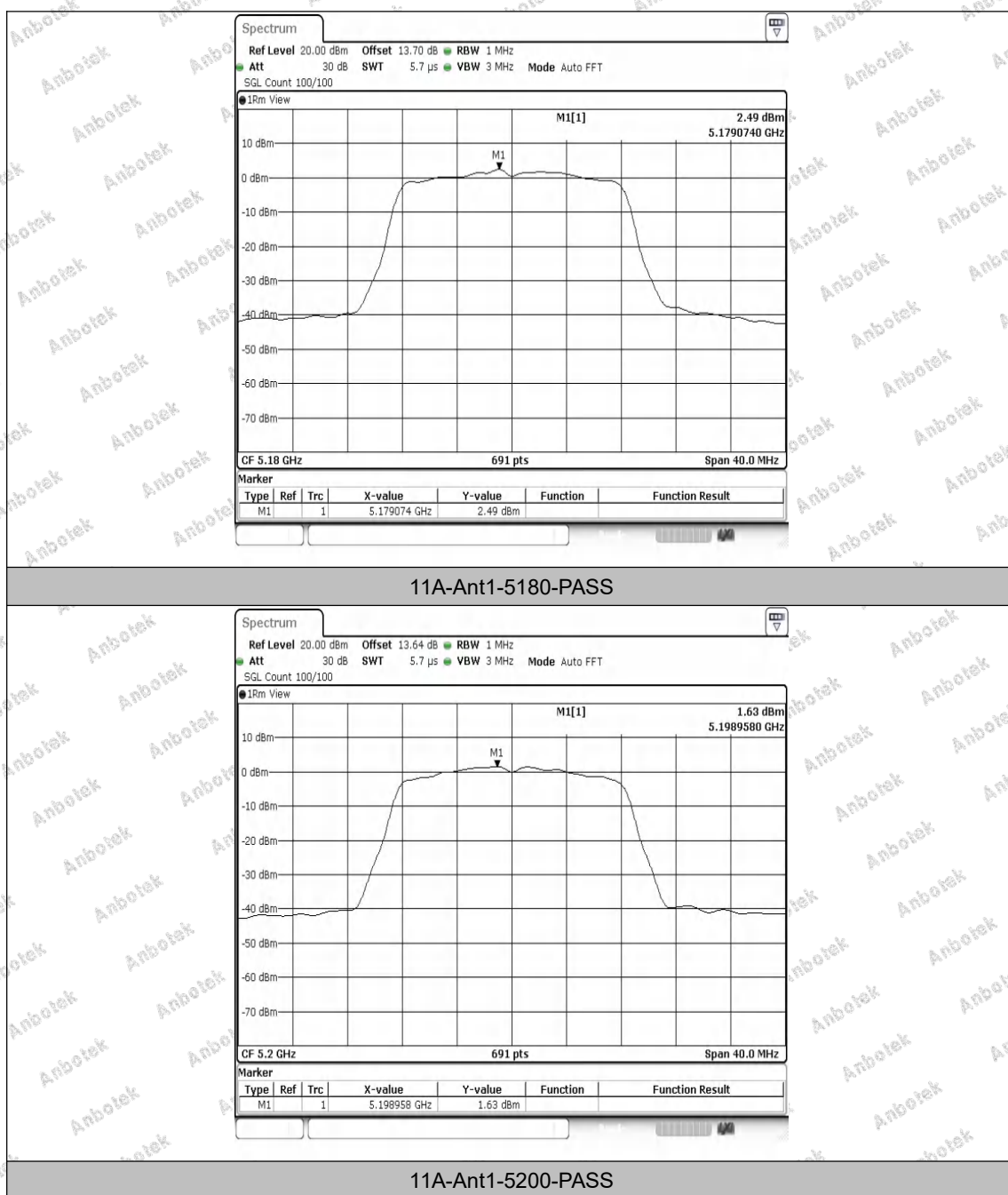


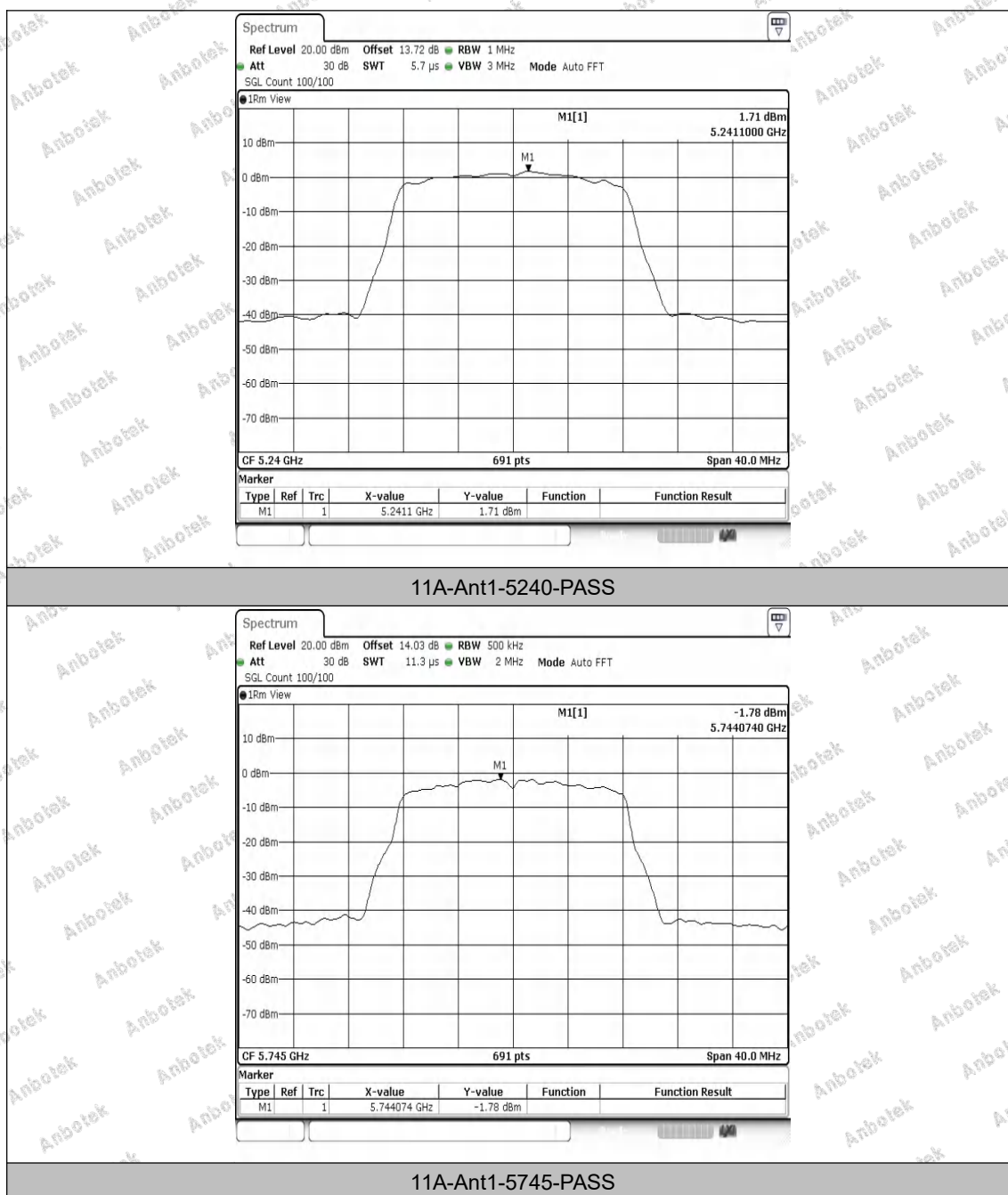
11N20SIS O	Ant1	5745	-1.73	0.10	-1.63	≤30.00	PASS
11N20SIS O	Ant1	5785	-0.80	0.13	-0.67	≤30.00	PASS
11N20SIS O	Ant1	5825	-0.90	0.13	-0.77	≤30.00	PASS
11N40SIS O	Ant1	5755	-4.43	0.20	-4.23	≤30.00	PASS
11N40SIS O	Ant1	5795	-3.76	0.26	-3.50	≤30.00	PASS
11AC20SI SO	Ant1	5745	-0.95	0.10	-0.85	≤30.00	PASS
11AC20SI SO	Ant1	5785	-0.83	0.10	-0.73	≤30.00	PASS
11AC20SI SO	Ant1	5825	-0.80	0.13	-0.67	≤30.00	PASS
11AC40SI SO	Ant1	5755	-4.01	0.26	-3.75	≤30.00	PASS
11AC40SI SO	Ant1	5795	-3.35	0.26	-3.09	≤30.00	PASS
11AC80SI SO	Ant1	5775	-7.32	0.38	-6.94	≤30.00	PASS

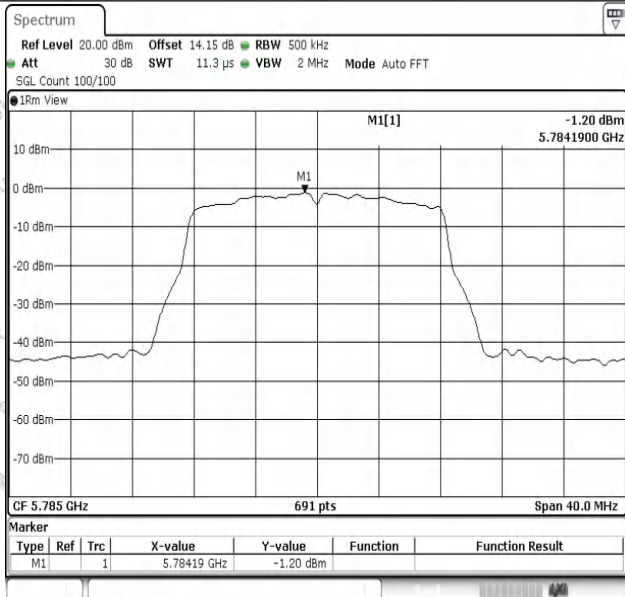
Note: 1.The cable loss are compensated in the graph.



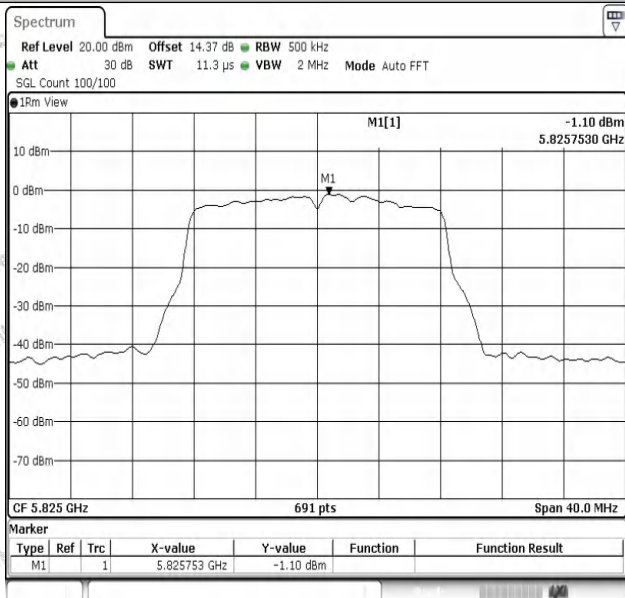
Test Graphs





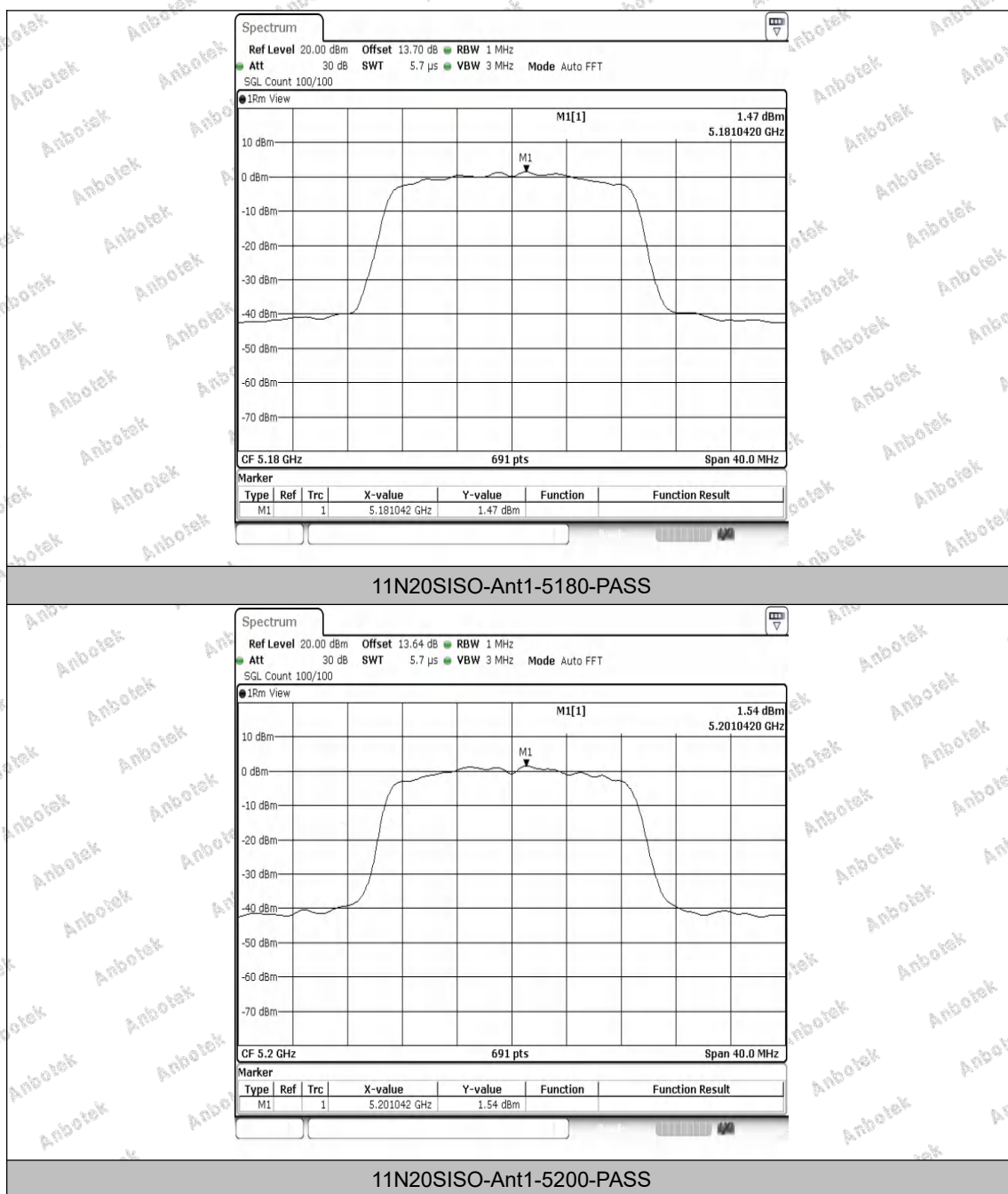


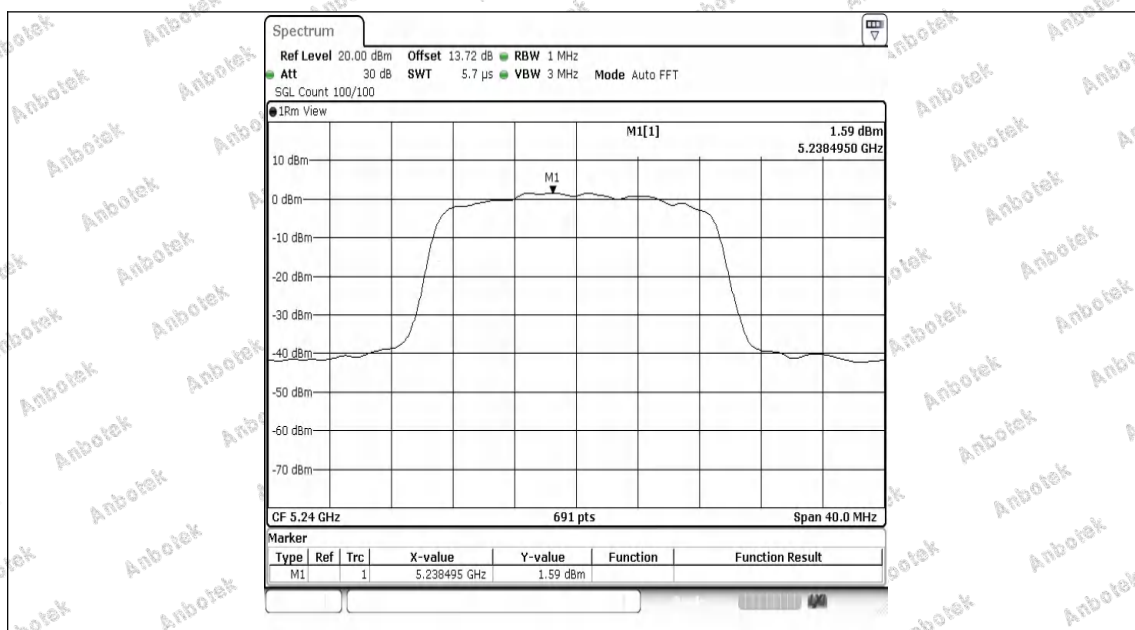
11A-Ant1-5785-PASS



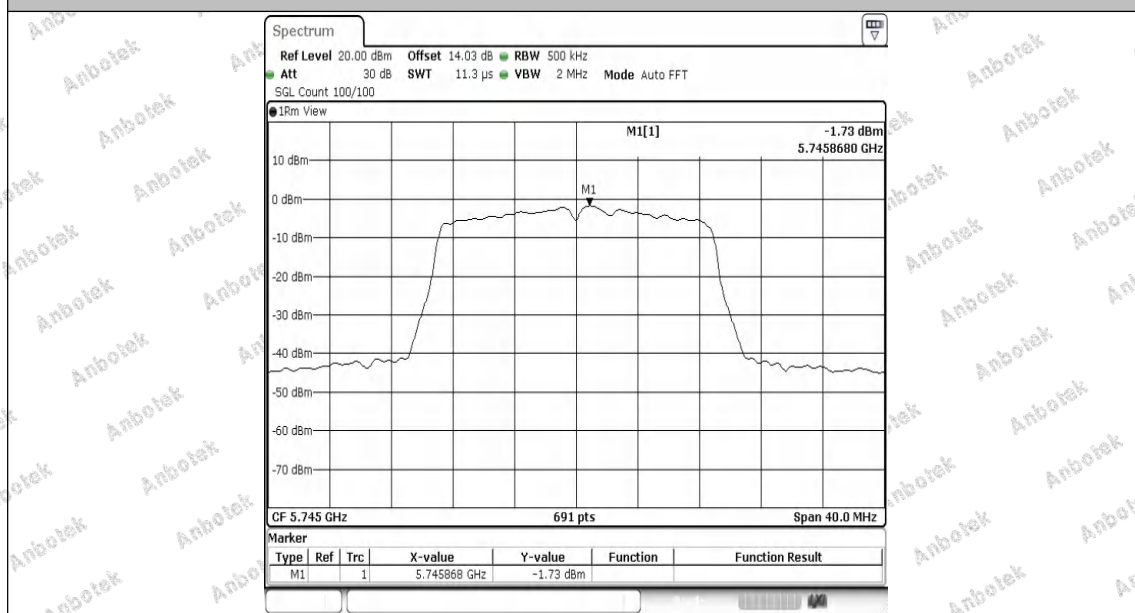
11A-Ant1-5825-PASS





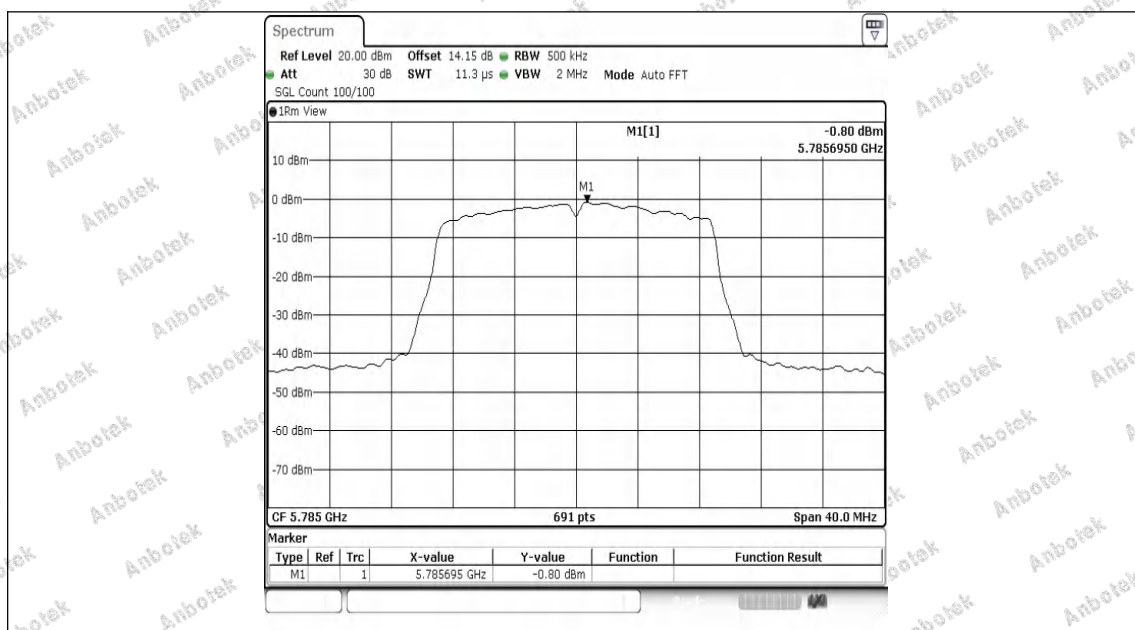


11N20SISO-Ant1-5240-PASS

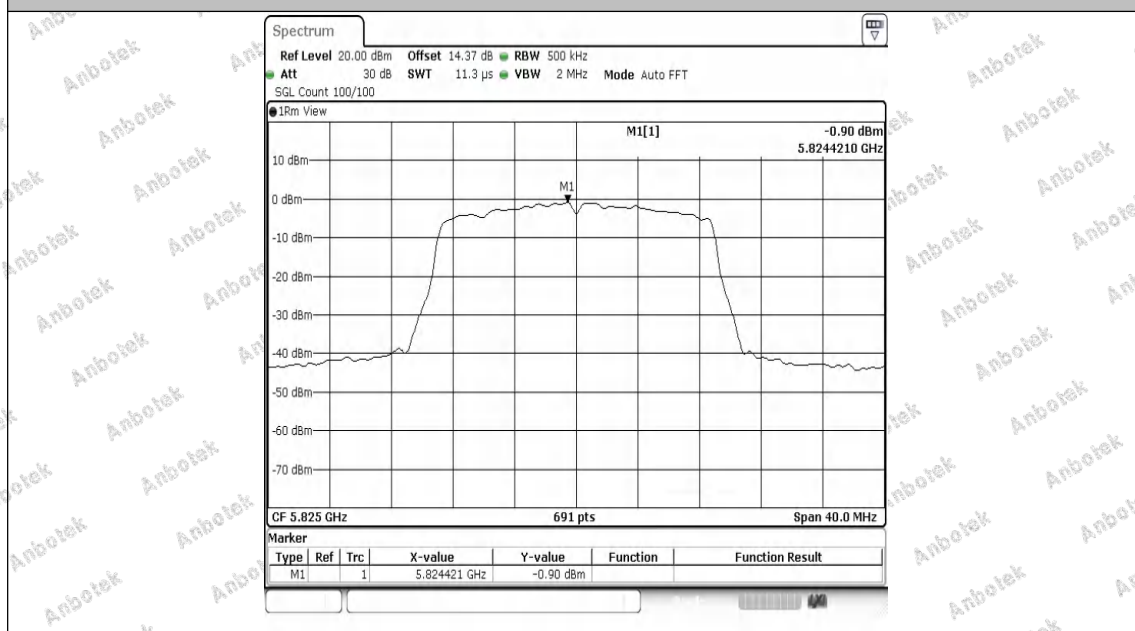


11N20SISO-Ant1-5745-PASS



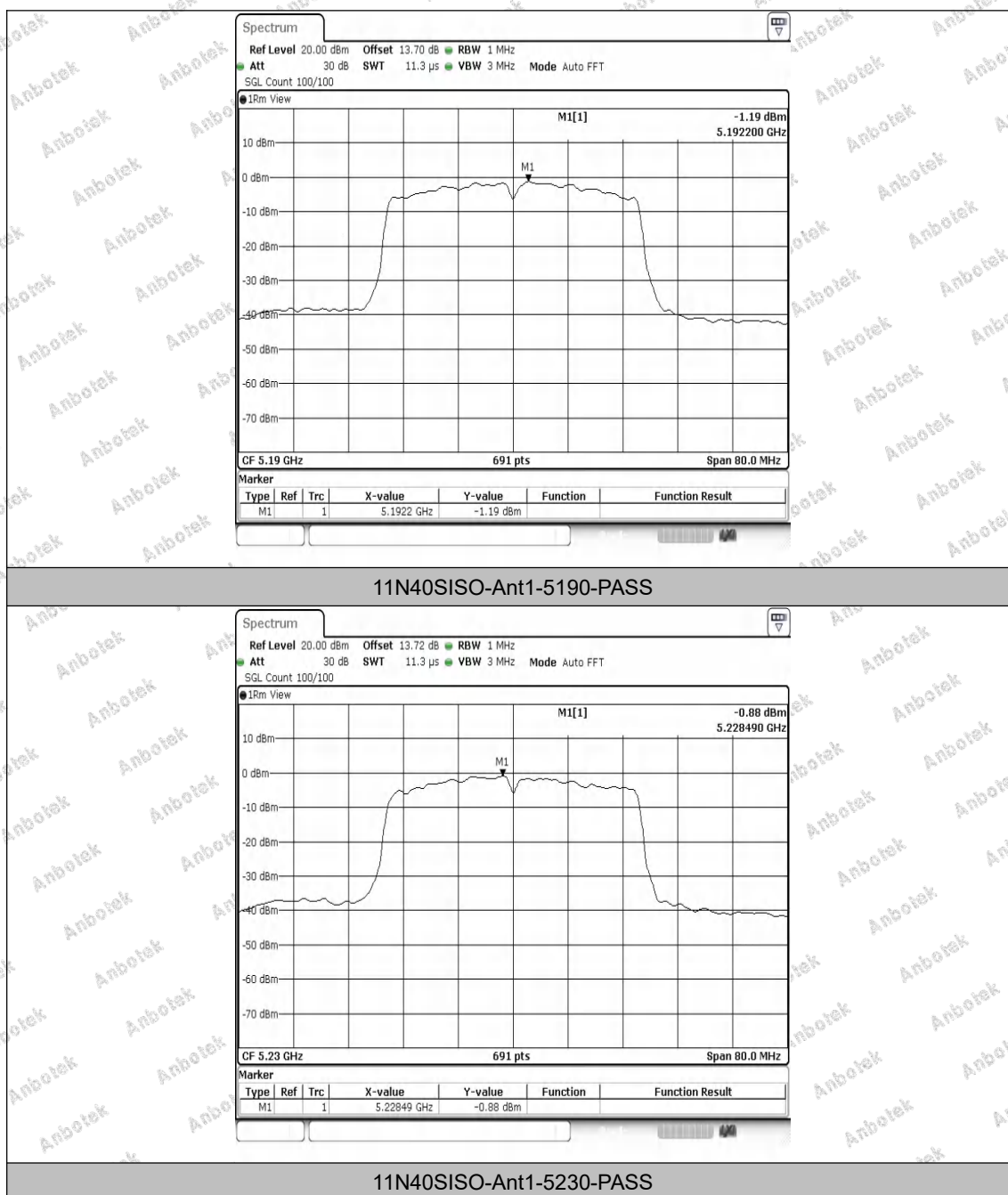


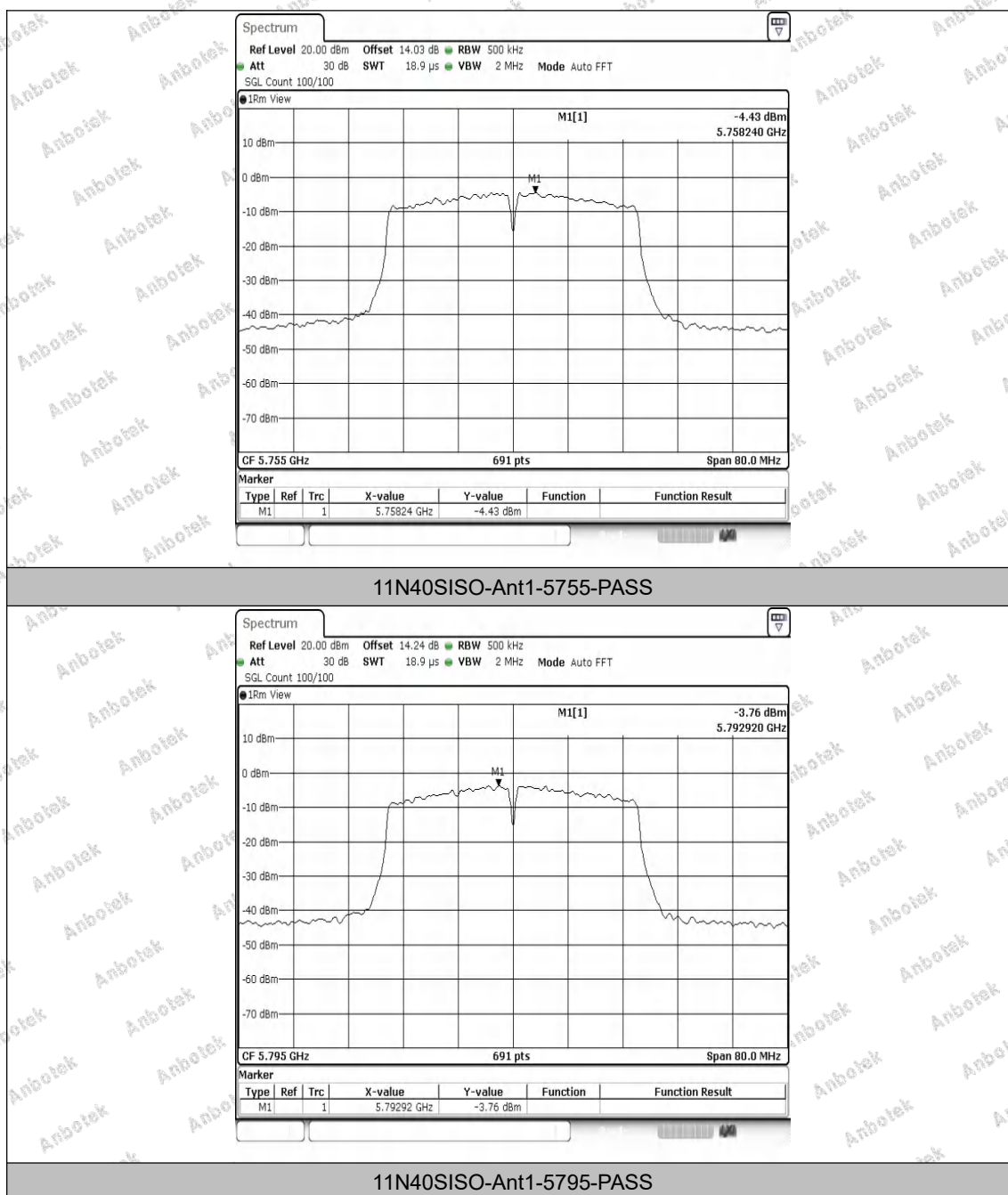
11N20SISO-Ant1-5785-PASS

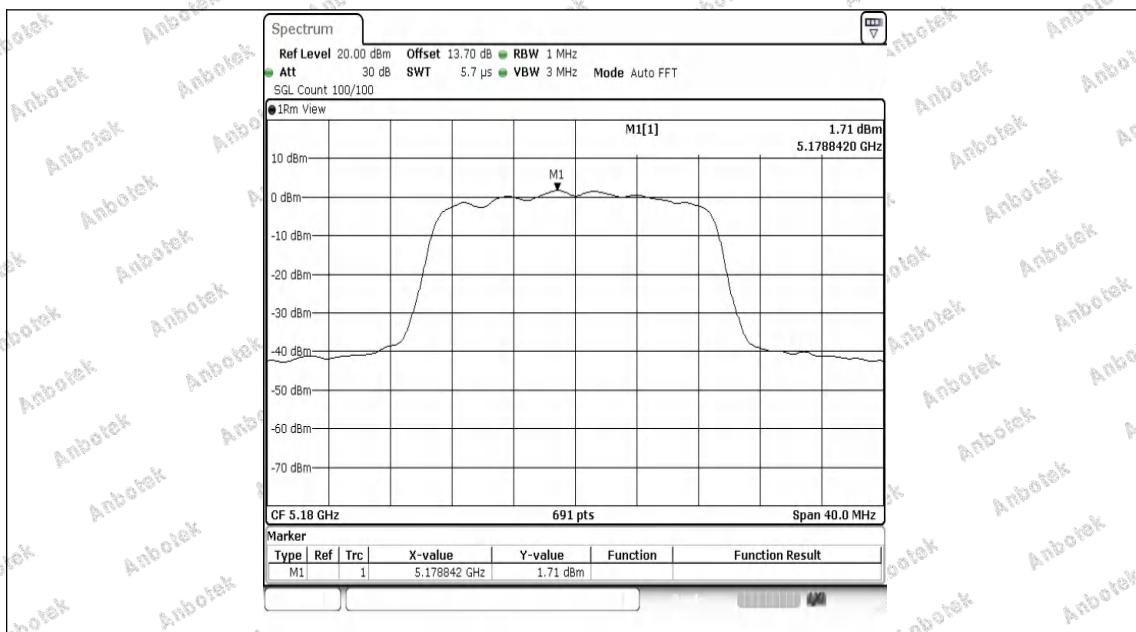


11N20SISO-Ant1-5825-PASS

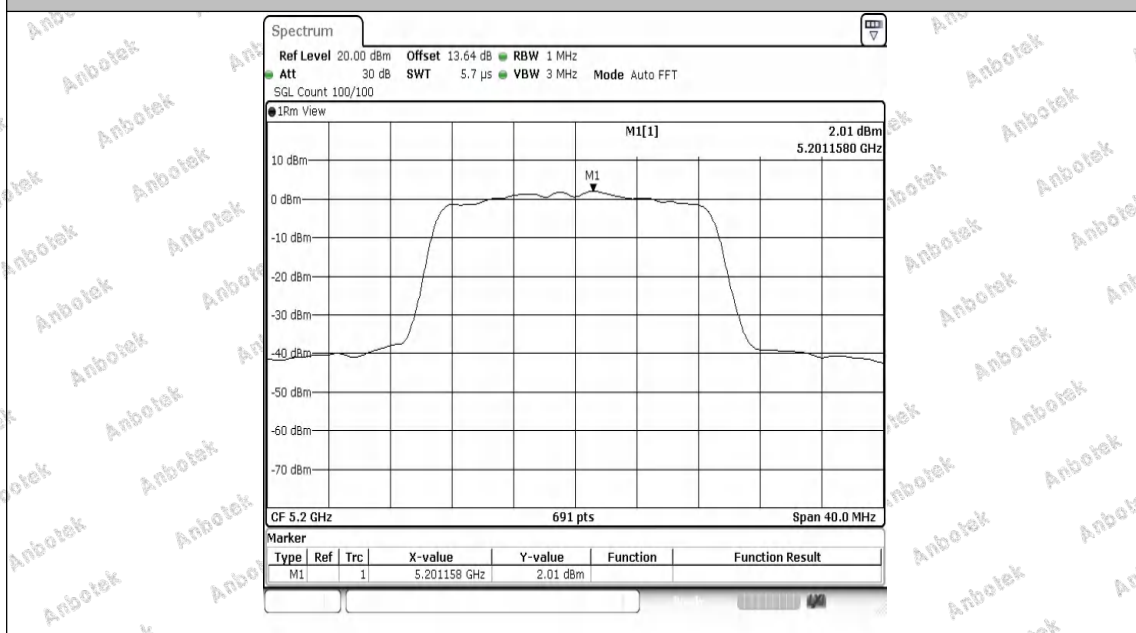






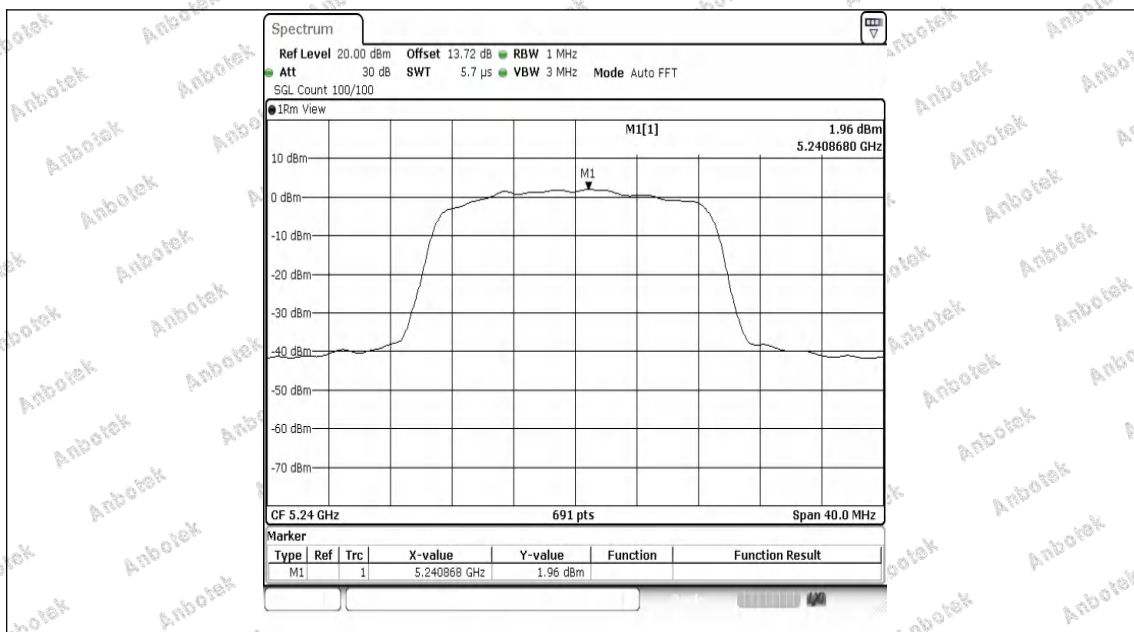


11AC20SISO-Ant1-5180-PASS

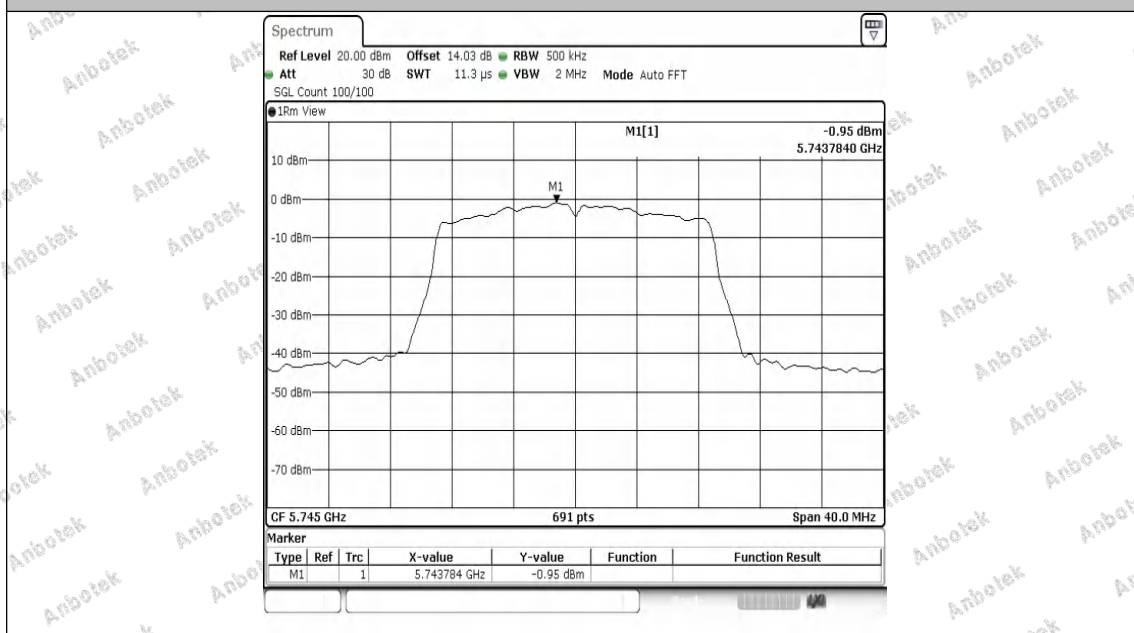


11AC20SISO-Ant1-5200-PASS



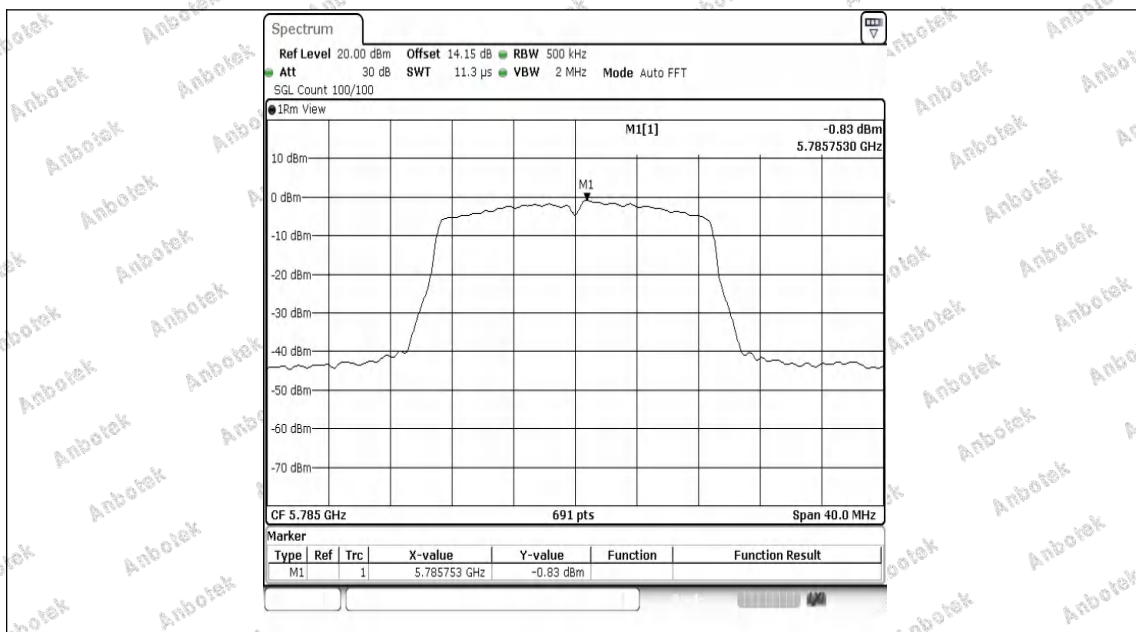


11AC20SISO-Ant1-5240-PASS

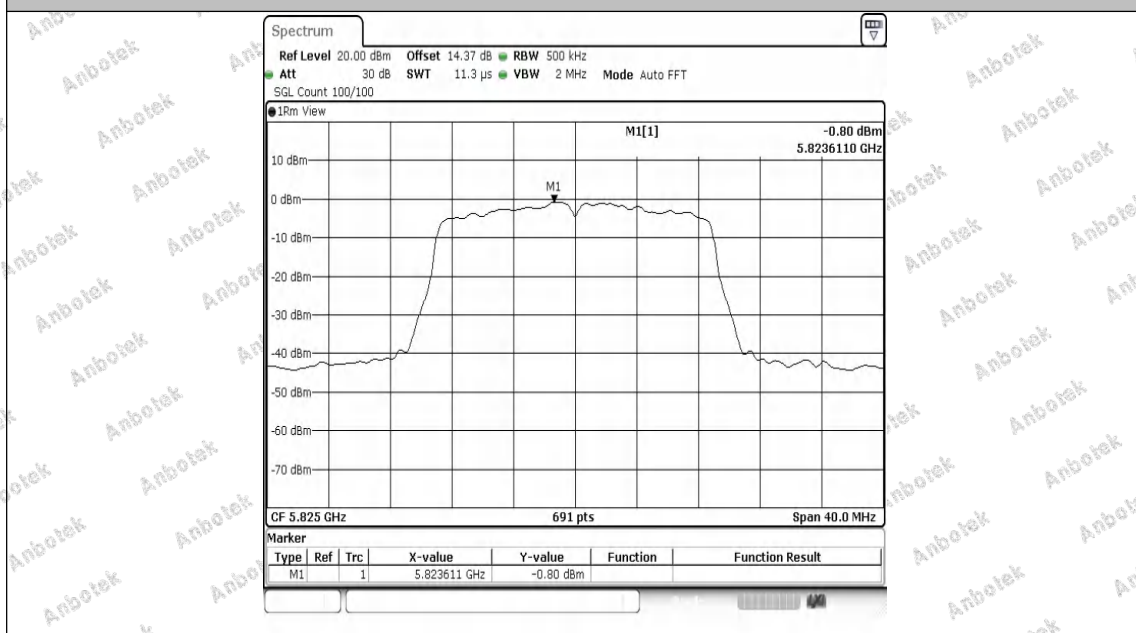


11AC20SISO-Ant1-5745-PASS



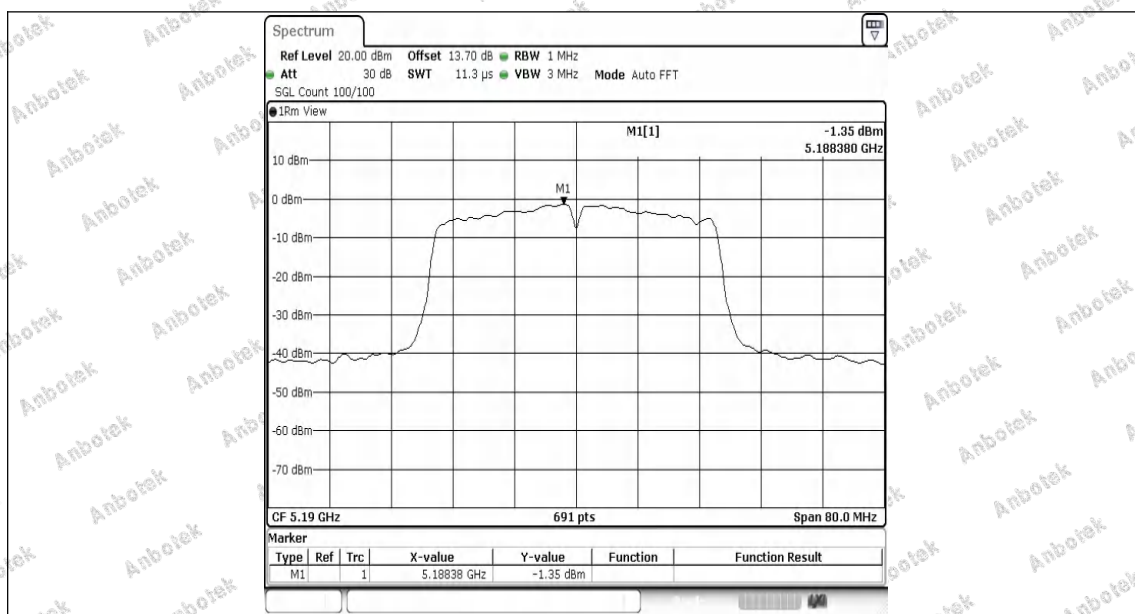


11AC20SISO-Ant1-5785-PASS

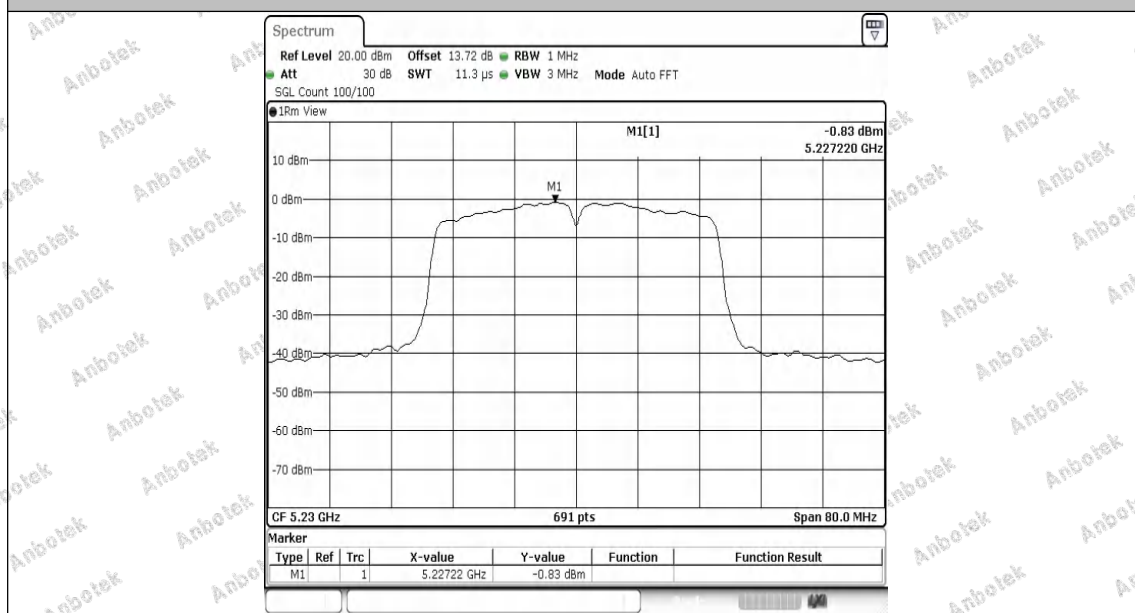


11AC20SISO-Ant1-5825-PASS



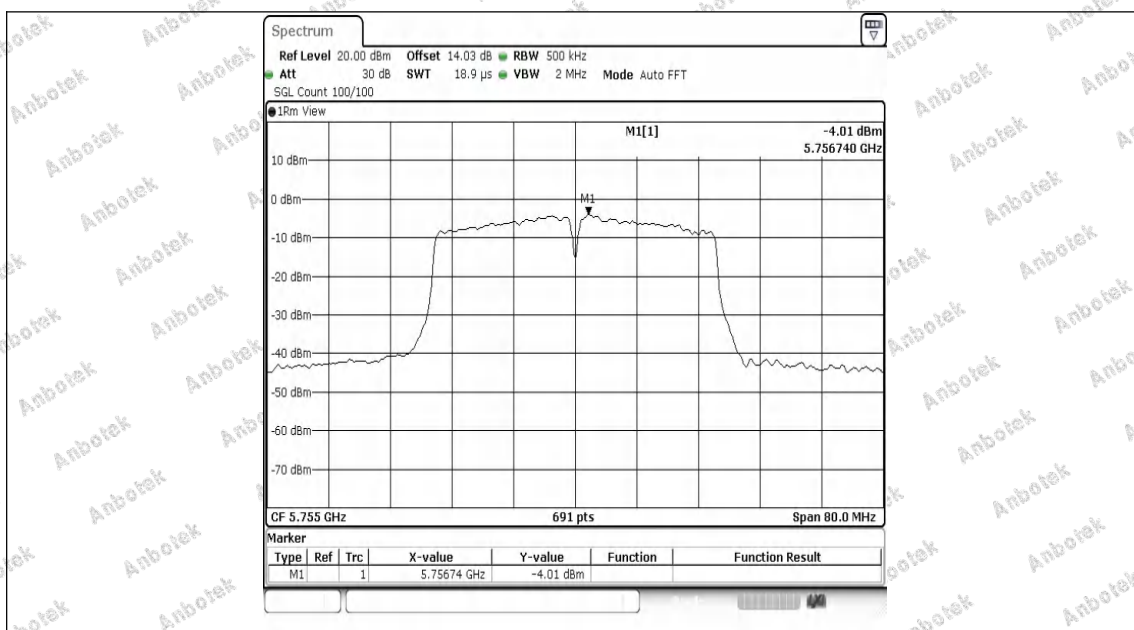


11AC40SISO-Ant1-5190-PASS

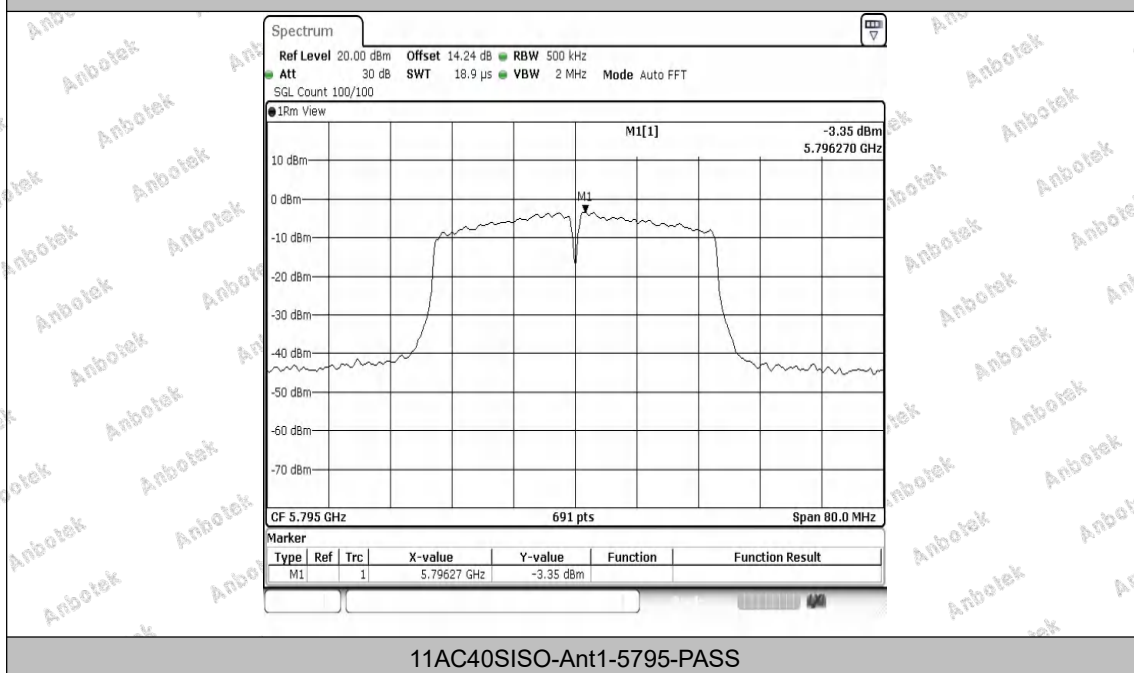


11AC40SISO-Ant1-5230-PASS



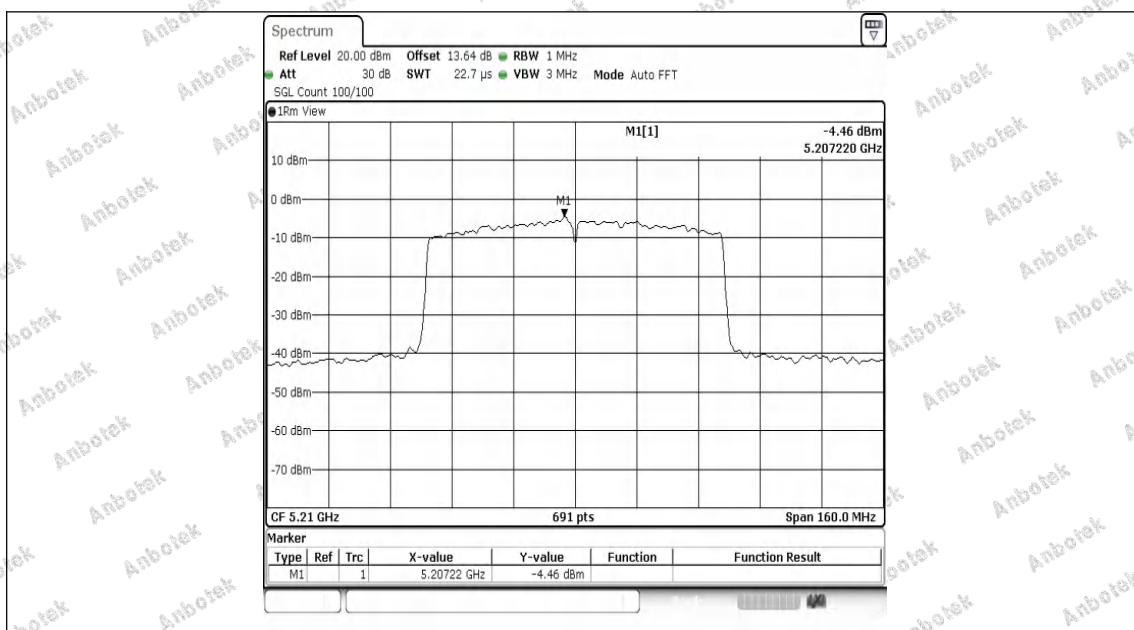


11AC40SISO-Ant1-5755-PASS

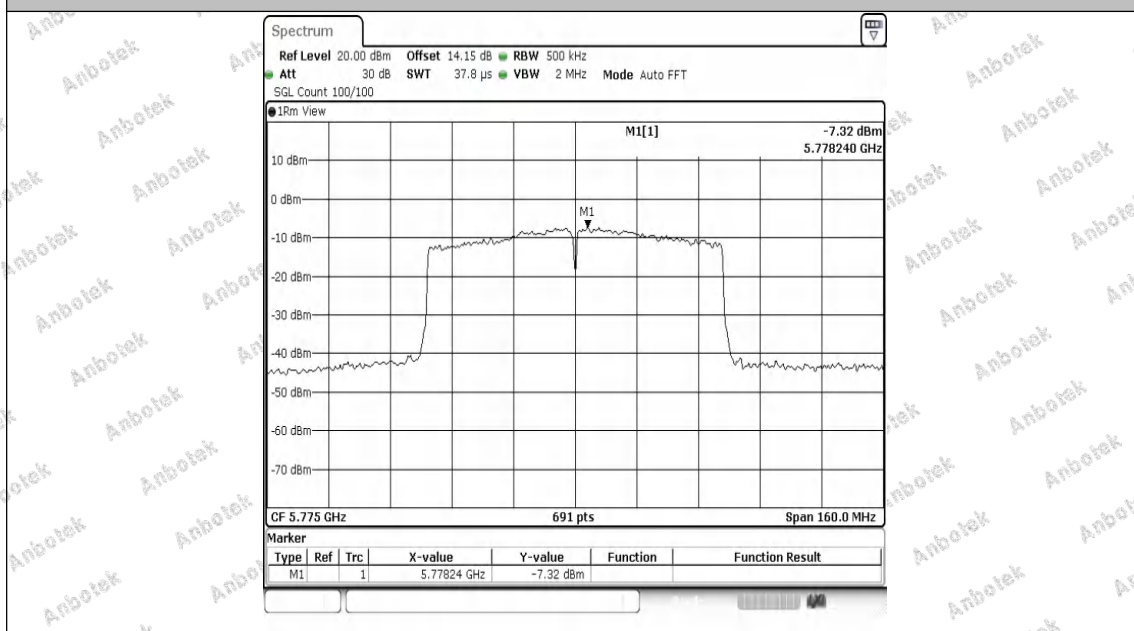


11AC40SISO-Ant1-5795-PASS





11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5775-PASS



Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-42.1	≤-27	PASS
11A	Ant1	High	5240	-48.24	≤-27	PASS
11N20SISO	Ant1	Low	5180	-36.06	≤-27	PASS
11N20SISO	Ant1	High	5240	-47.25	≤-27	PASS
11N40SISO	Ant1	Low	5190	-31.97	≤-27	PASS
11N40SISO	Ant1	High	5230	-48.9	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-42.55	≤-27	PASS
11AC20SISO	Ant1	High	5240	-48.37	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-34.62	≤-27	PASS
11AC40SISO	Ant1	High	5230	-48.68	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-31.42	≤-27	PASS
11AC80SISO	Ant1	High	5210	-45.01	≤-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	-43.18	≤15.98	PASS
11A	Ant1	Low	5745	5700~5720	-42.91	≤14.95	PASS
11A	Ant1	Low	5745	5650~5700	-49.27	≤-25.03	PASS
11A	Ant1	Low	5745	5760~5650	-49.36	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-41.07	≤15.65	PASS
11A	Ant1	High	5825	5855~5875	-41.52	≤14.29	PASS
11A	Ant1	High	5825	5875~5925	-50.41	≤-26.87	PASS
11A	Ant1	High	5825	5925~5935	-49.57	≤-27	PASS
11N20SISO	Ant1	Low	5745	5720~5725	-43.49	≤15.98	PASS
11N20SISO	Ant1	Low	5745	5700~5720	-41.51	≤13.08	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-51.71	≤-26.63	PASS
11N20SISO	Ant1	Low	5745	5760~5650	-51.54	≤-27	PASS
11N20SISO	Ant1	High	5825	5850~5855	-37.43	≤15.65	PASS
11N20SISO	Ant1	High	5825	5855~5875	-37.68	≤15.55	PASS

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11N20SI SO	Ant1	High	5825	5875~5925	-49.77	≤-26.29	PASS
11N20SI SO	Ant1	High	5825	5925~5935	-48.86	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5720~5725	-23.53	≤15.90	PASS
11N40SI SO	Ant1	Low	5755	5700~5720	-23.24	≤15.47	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-51.84	≤-26.94	PASS
11N40SI SO	Ant1	Low	5755	5780~5650	-49.76	≤-27	PASS
11N40SI SO	Ant1	High	5795	5850~5855	-40.89	≤19.12	PASS
11N40SI SO	Ant1	High	5795	5855~5875	-42.43	≤10.41	PASS
11N40SI SO	Ant1	High	5795	5875~5925	-44.99	≤-26.79	PASS
11N40SI SO	Ant1	High	5795	5925~5935	-46.12	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5720~5725	-39.31	≤15.98	PASS
11AC20S ISO	Ant1	Low	5745	5700~5720	-39.82	≤15.60	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-50.05	≤-26.38	PASS
11AC20S ISO	Ant1	Low	5745	5760~5650	-50.26	≤-27	PASS
11AC20S ISO	Ant1	High	5825	5850~5855	-38.09	≤15.65	PASS
11AC20S ISO	Ant1	High	5825	5855~5875	-38.03	≤15.50	PASS
11AC20S ISO	Ant1	High	5825	5875~5925	-47.38	≤-26.87	PASS
11AC20S ISO	Ant1	High	5825	5925~5935	-47.8	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5720~5725	-29.46	≤15.90	PASS
11AC40S ISO	Ant1	Low	5755	5700~5720	-29.47	≤15.31	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-51.41	≤-26.79	PASS
11AC40S	Ant1	Low	5755	5780~5650	-50.32	≤-27	PASS

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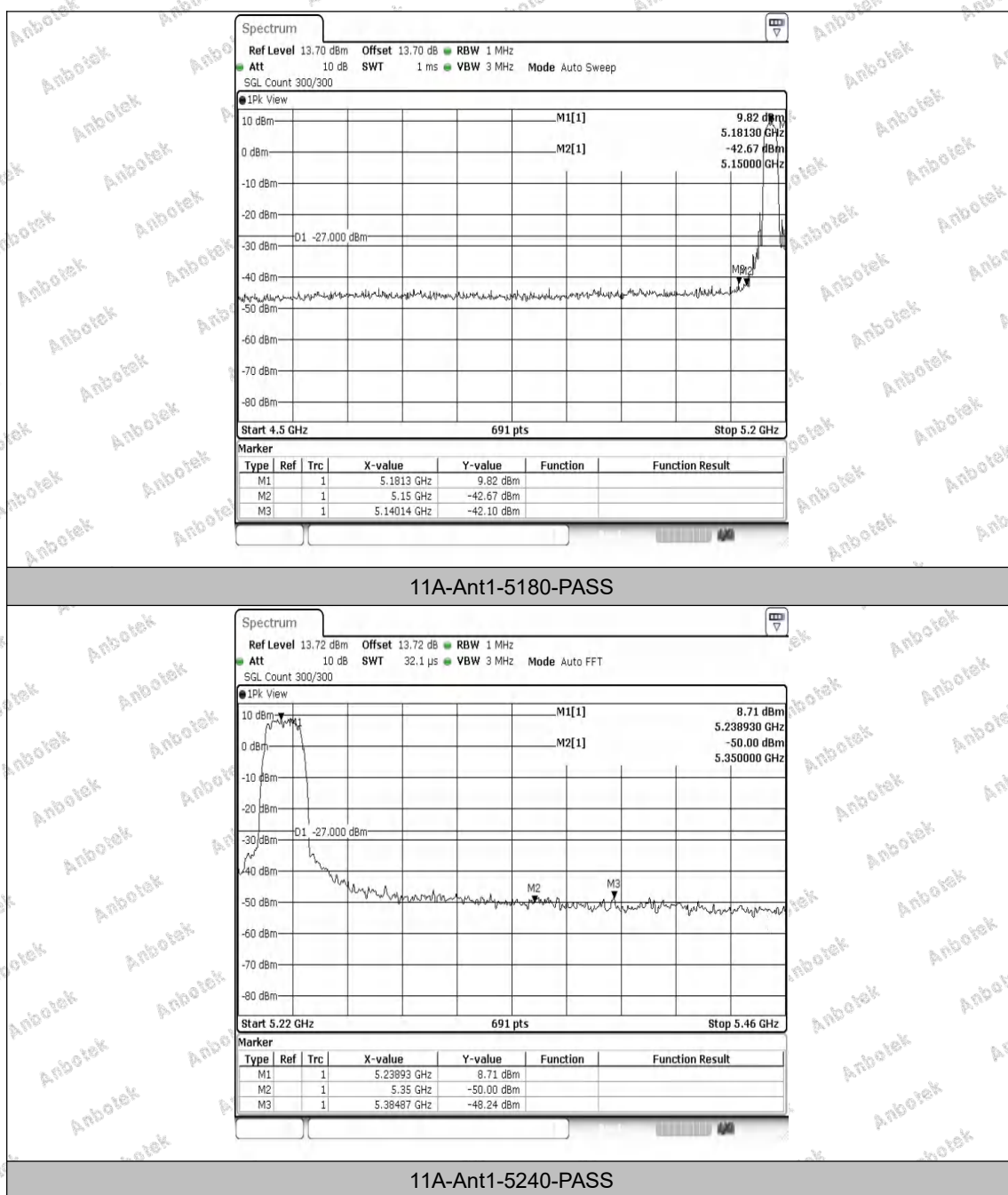


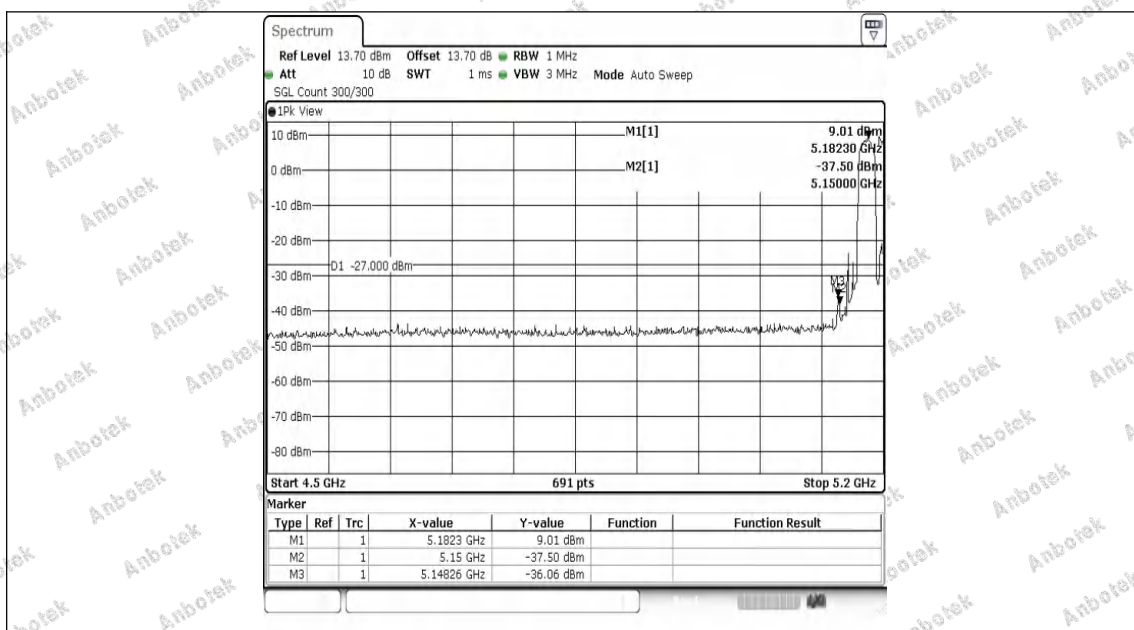
ISO							
11AC40S ISO	Ant1	High	5795	5850~5855	-44.27	≤15.85	PASS
11AC40S ISO	Ant1	High	5795	5855~5875	-42.19	≤11.01	PASS
11AC40S ISO	Ant1	High	5795	5875~5925	-50.76	≤-26.61	PASS
11AC40S ISO	Ant1	High	5795	5925~5935	-48.57	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5720~5725	-30.61	≤15.67	PASS
11AC80S ISO	Ant1	Low	5775	5700~5720	-29.51	≤13.34	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-42.74	≤-24.22	PASS
11AC80S ISO	Ant1	Low	5775	5800~5650	-44.88	≤-27	PASS
11AC80S ISO	Ant1	High	5775	5850~5855	-32.16	≤19.04	PASS
11AC80S ISO	Ant1	High	5775	5855~5875	-31.72	≤10.84	PASS
11AC80S ISO	Ant1	High	5775	5875~5925	-45.84	≤-26.86	PASS
11AC80S ISO	Ant1	High	5775	5925~5935	-45.36	≤-27	PASS

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

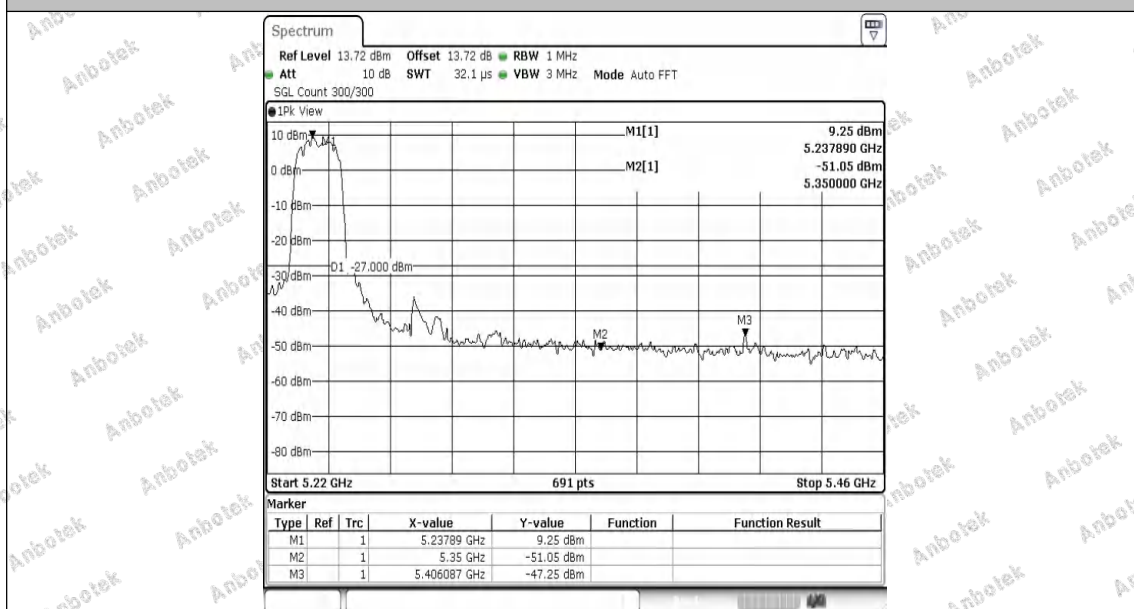


Test Graphs B1



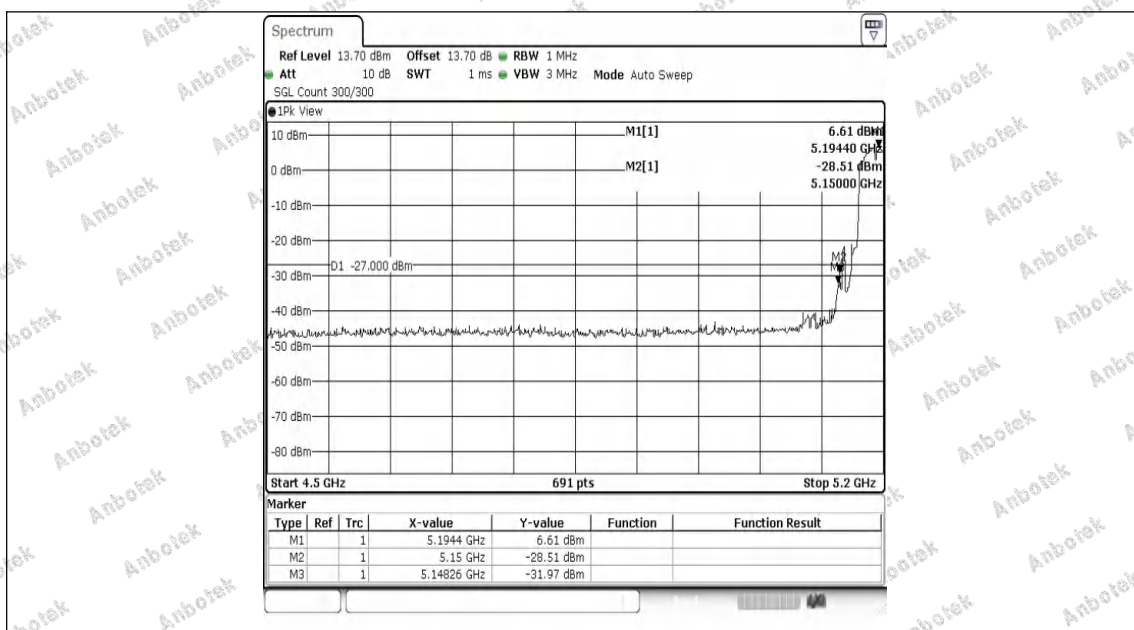


11N20SISO-Ant1-5180-PASS

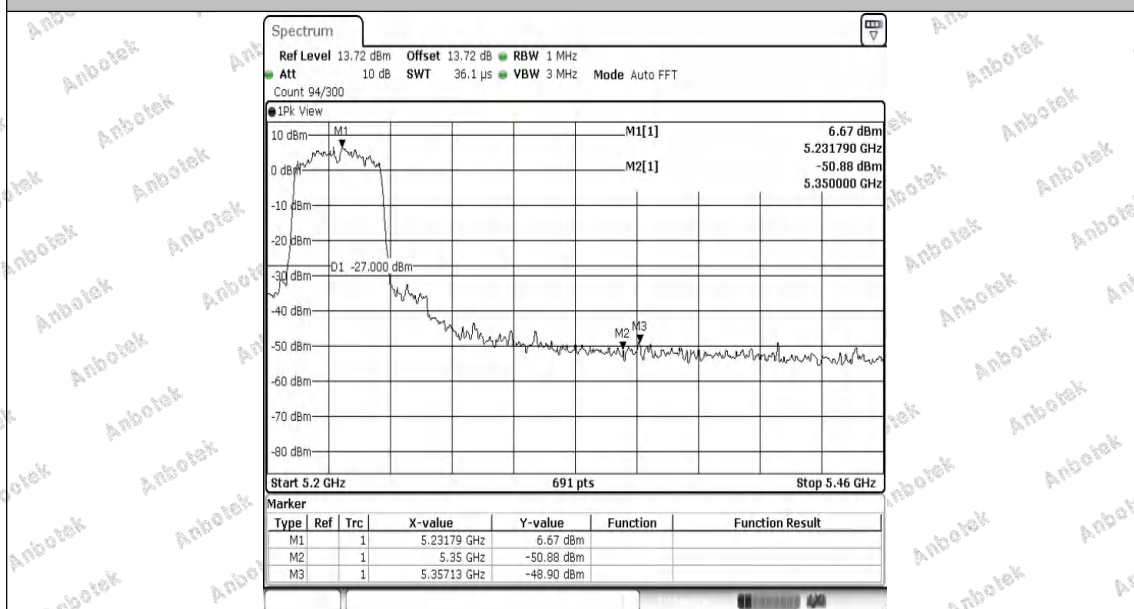


11N20SISO-Ant1-5240-PASS



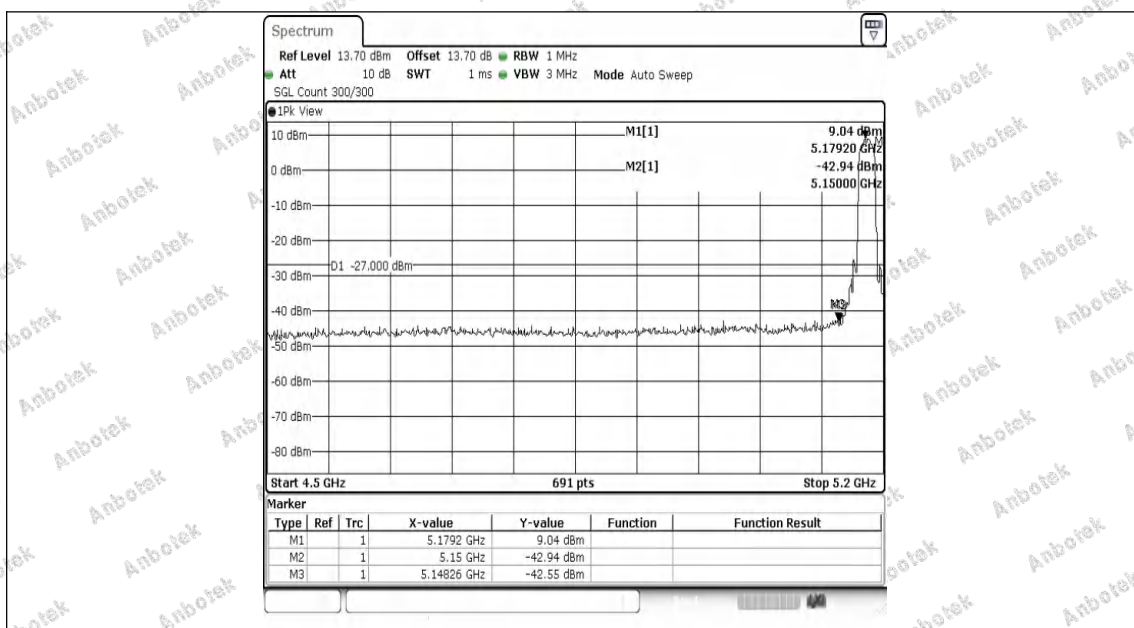


11N40SISO-Ant1-5190-PASS

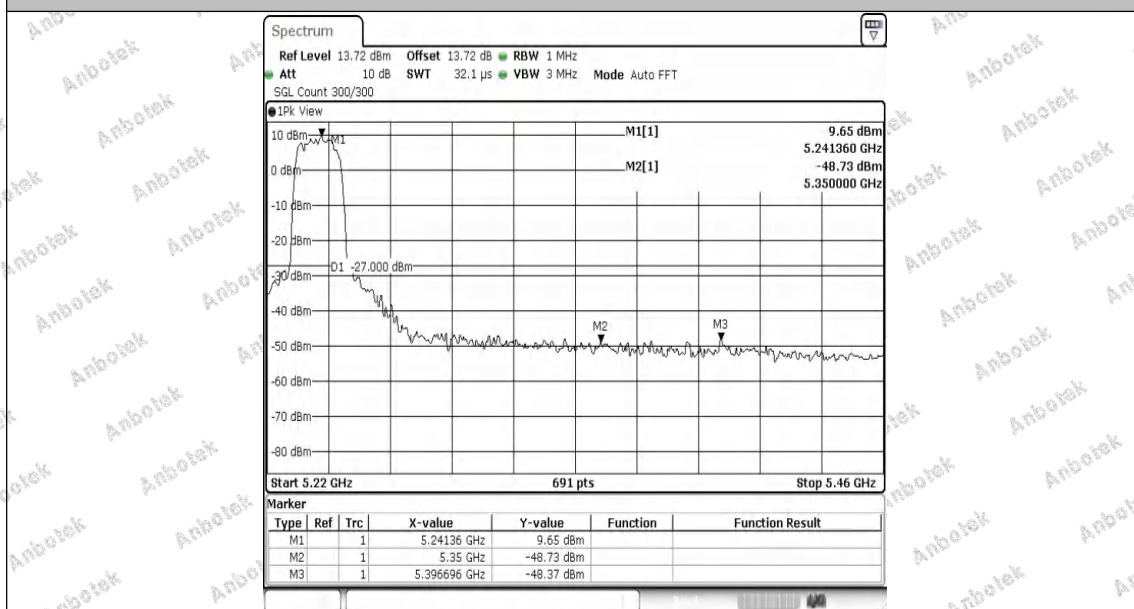


11N40SISO-Ant1-5230-PASS



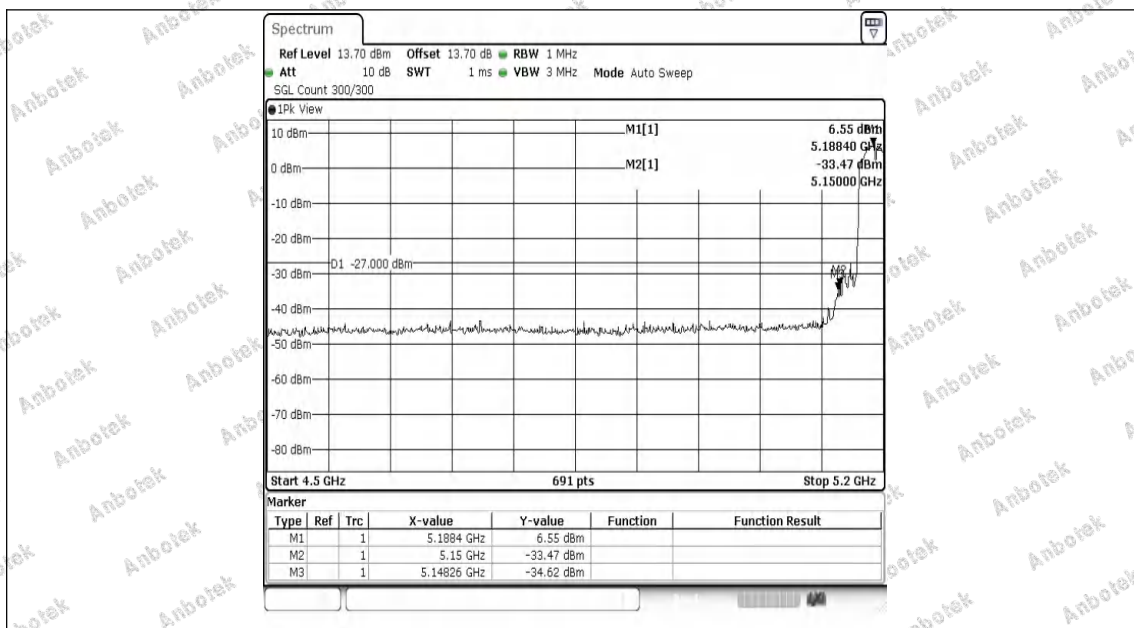


11AC20SISO-Ant1-5180-PASS

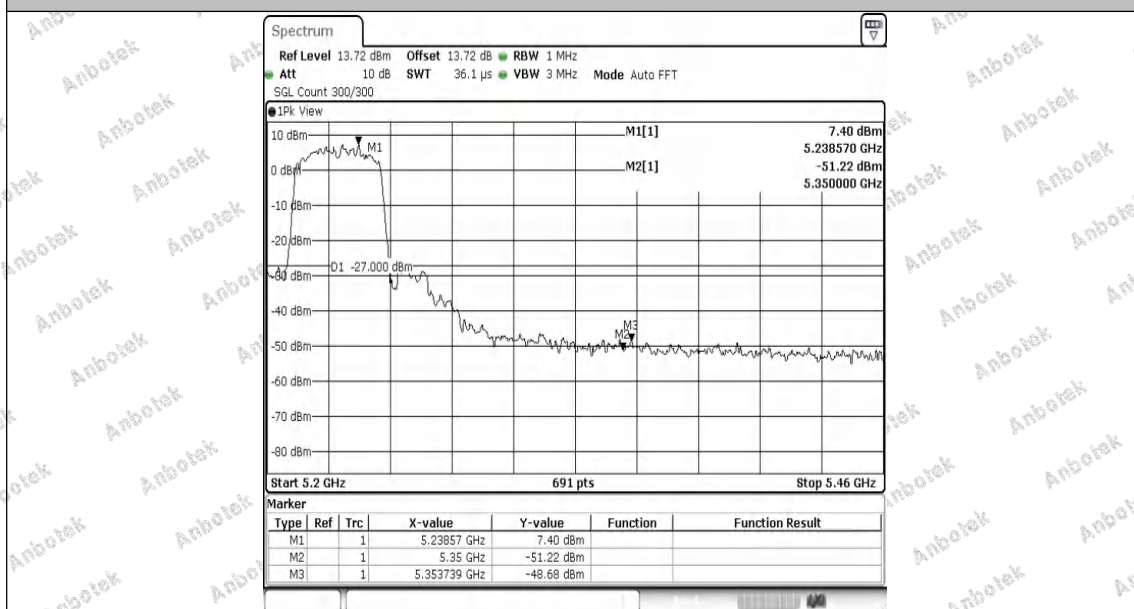


11AC20SISO-Ant1-5240-PASS



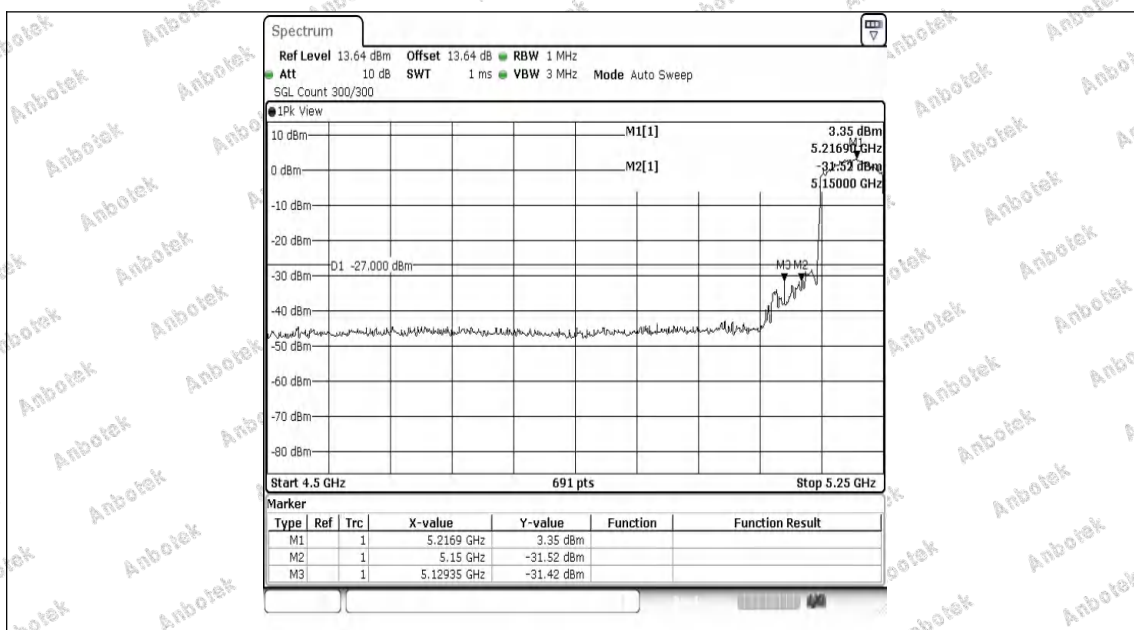


11AC40SISO-Ant1-5190-PASS

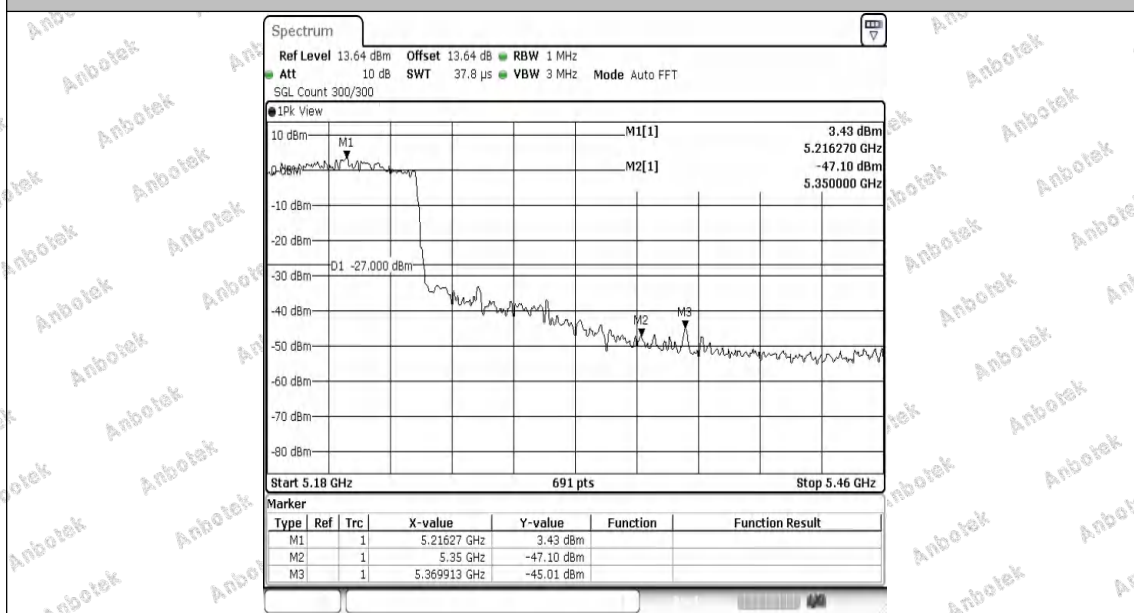


11AC40SISO-Ant1-5230-PASS





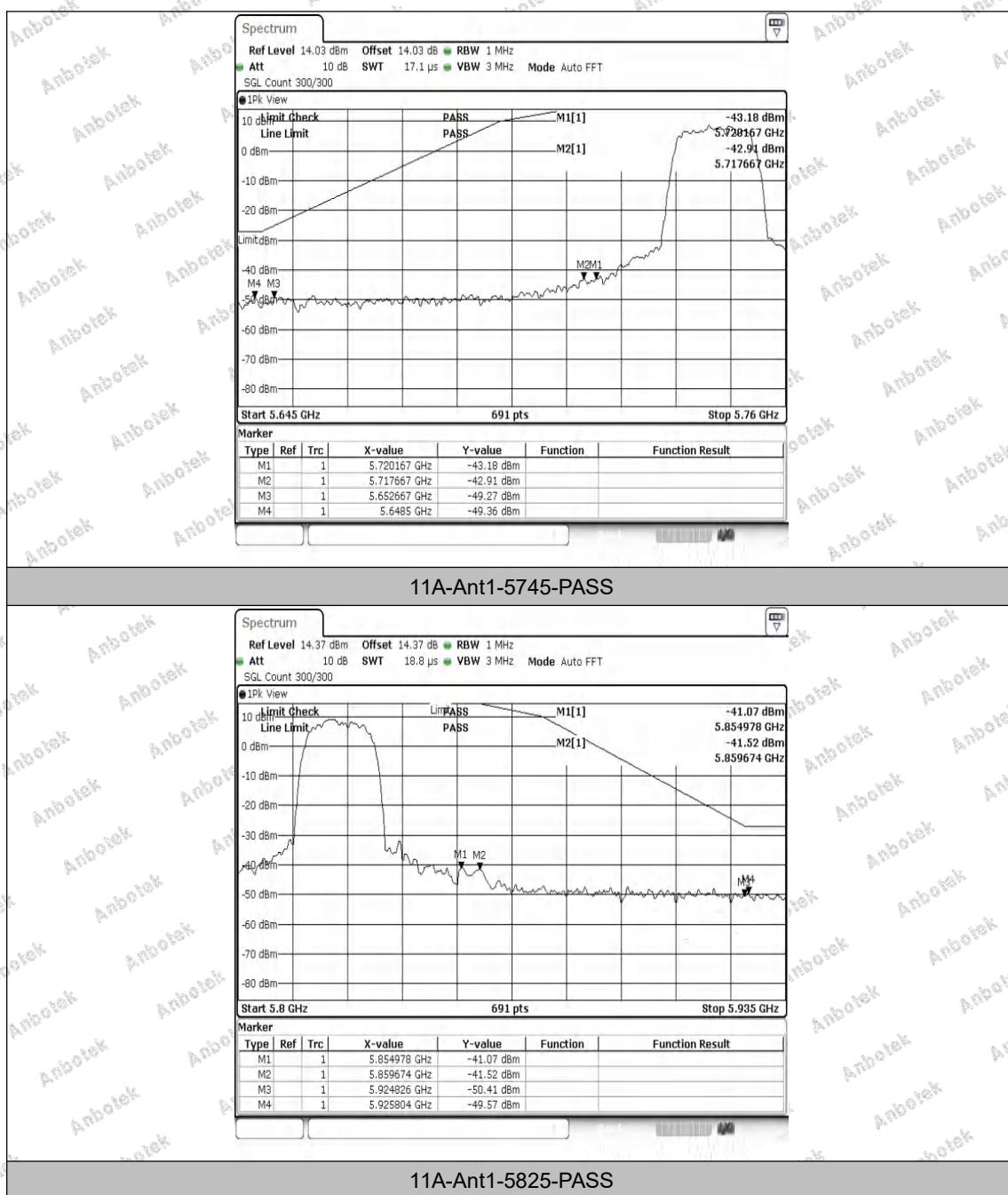
11AC80SISO-Ant1-5210-PASS

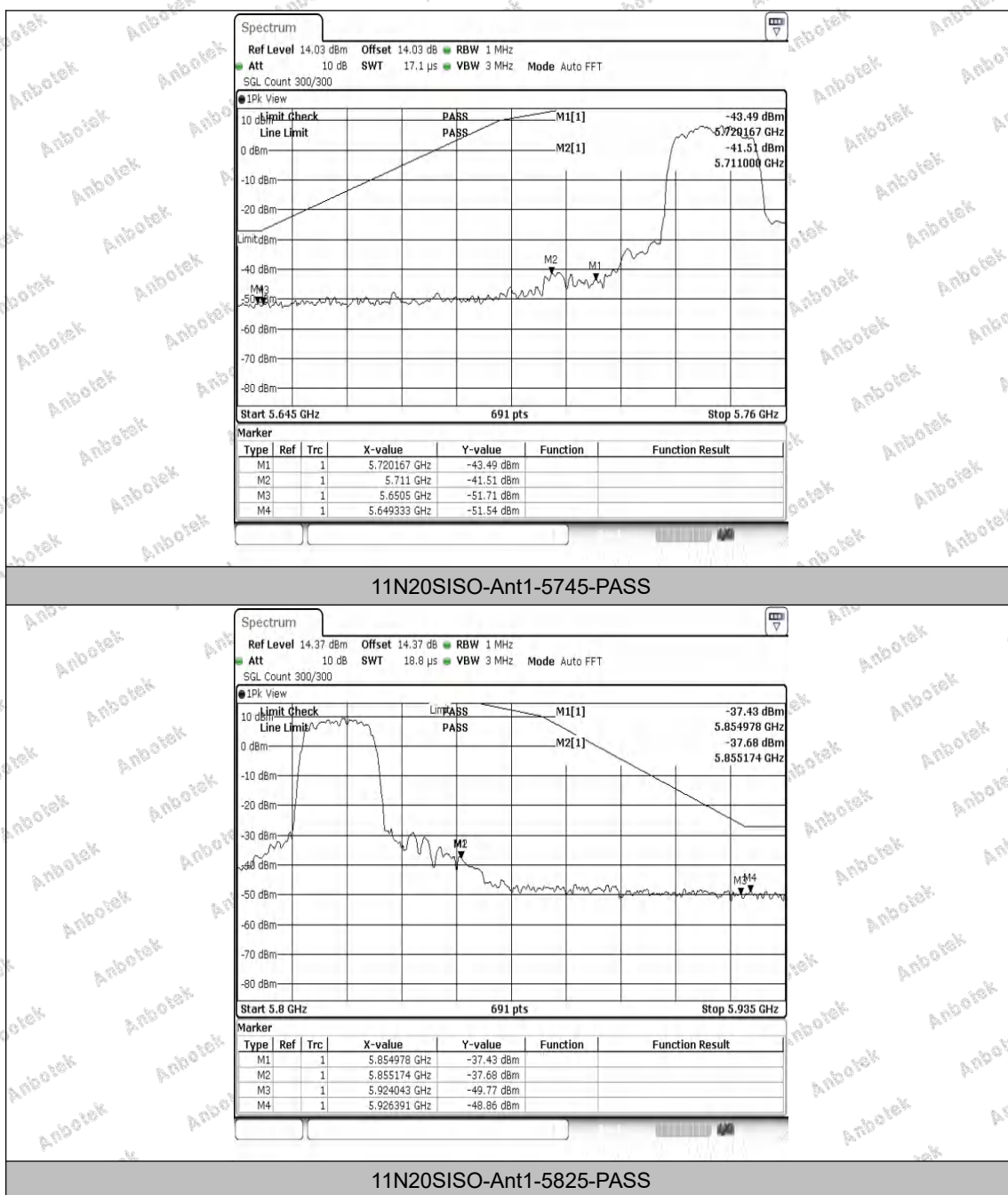


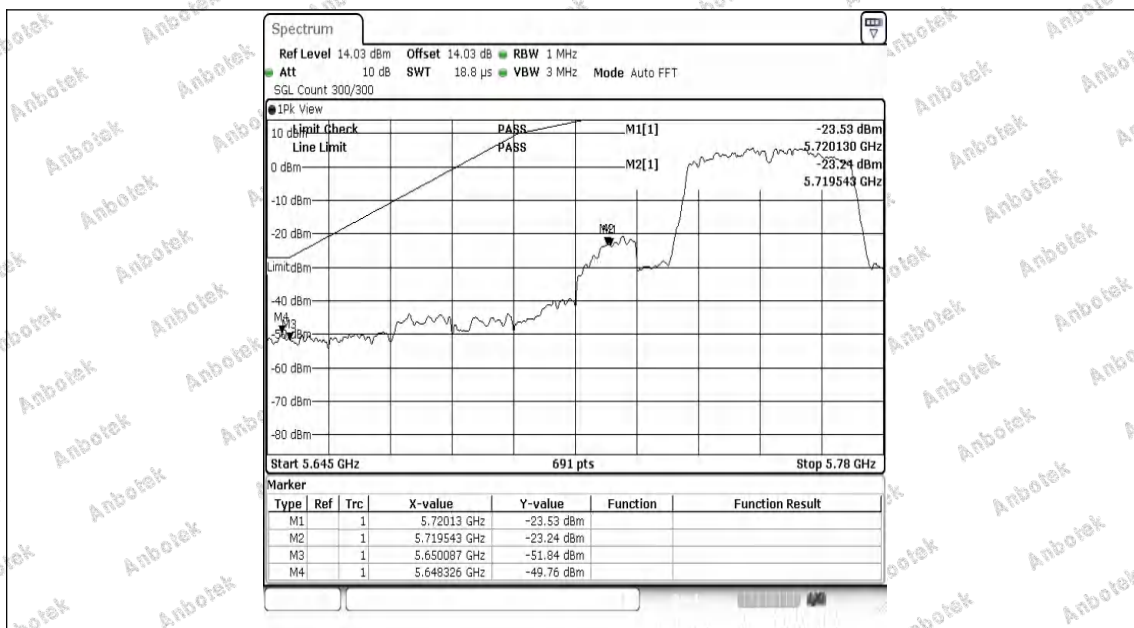
11AC80SISO-Ant1-5210-PASS



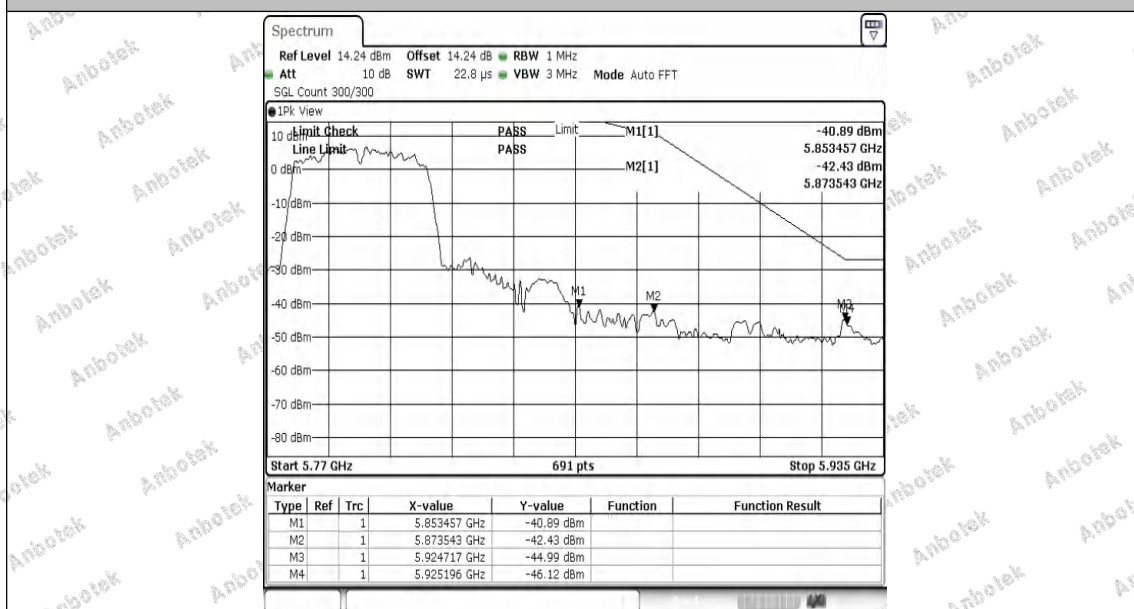
Test Graphs B4





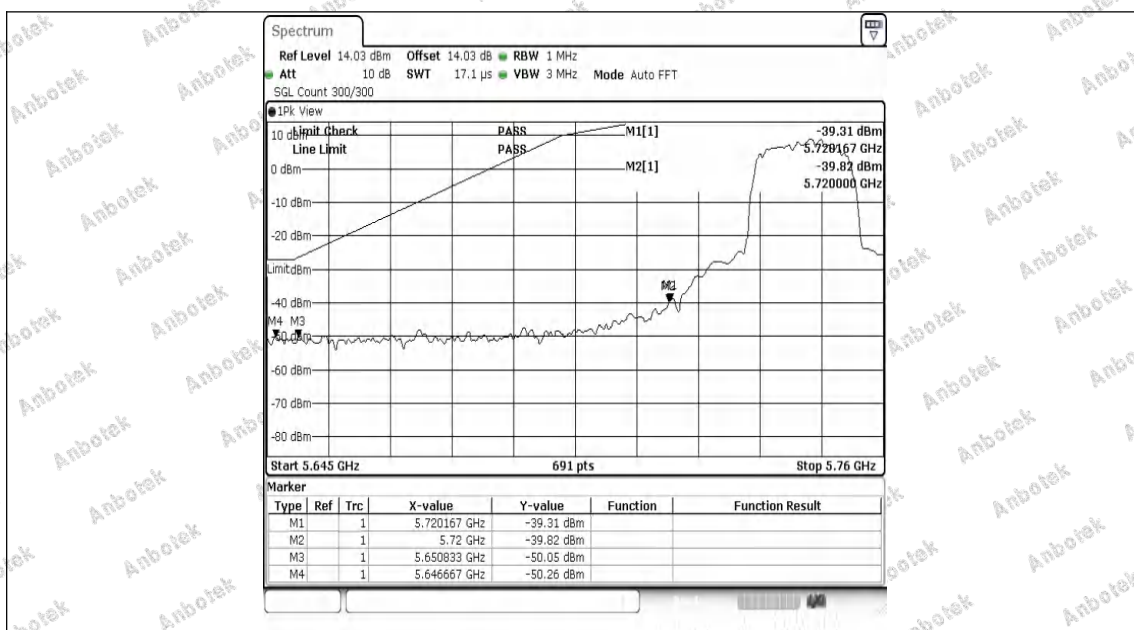


11N40SISO-Ant1-5755-PASS

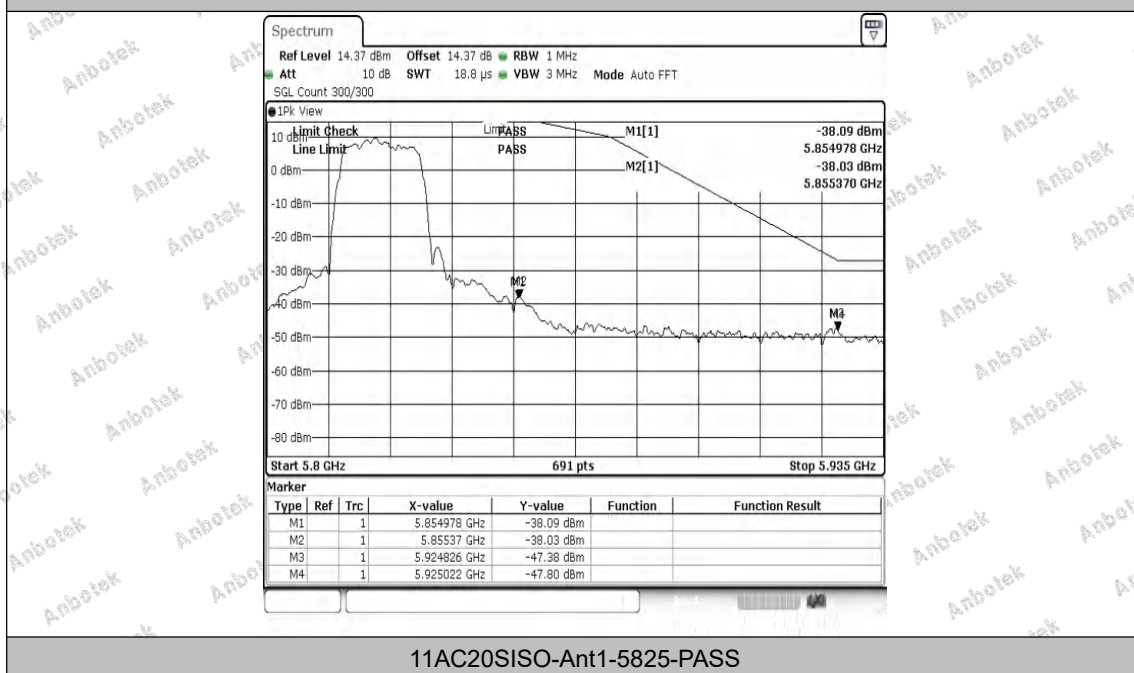


11N40SISO-Ant1-5795-PASS



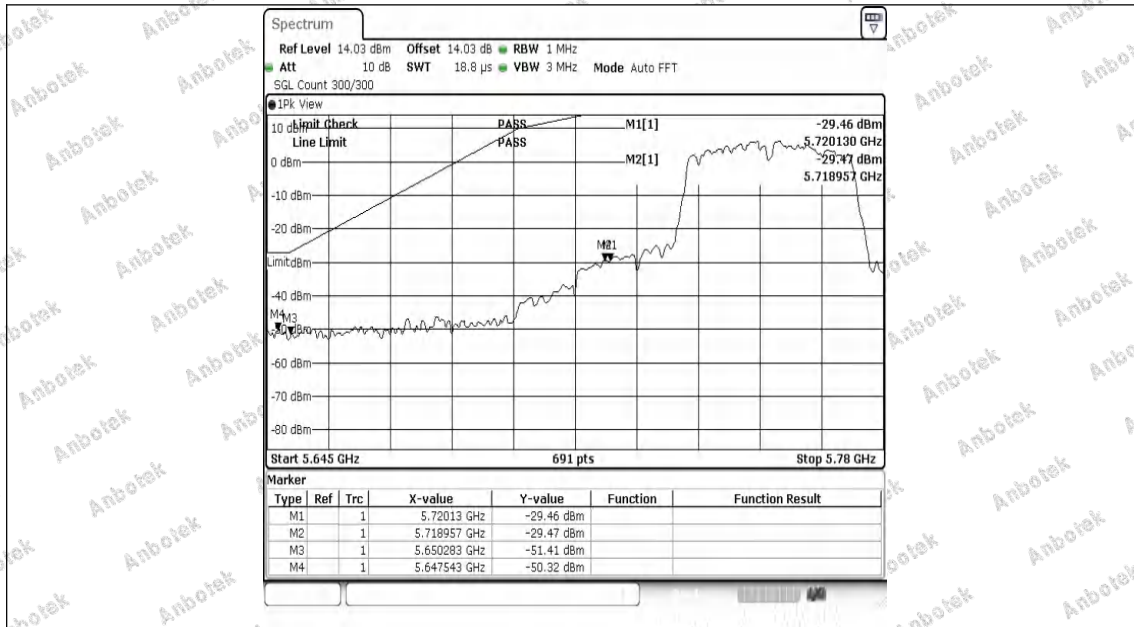


11AC20SISO-Ant1-5745-PASS

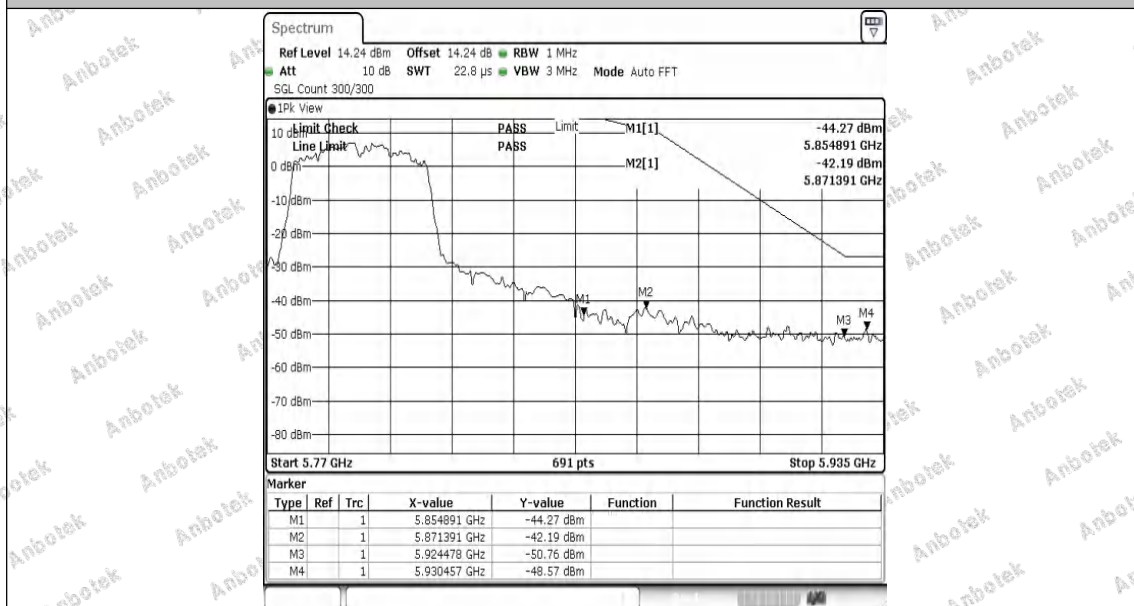


11AC20SISO-Ant1-5825-PASS



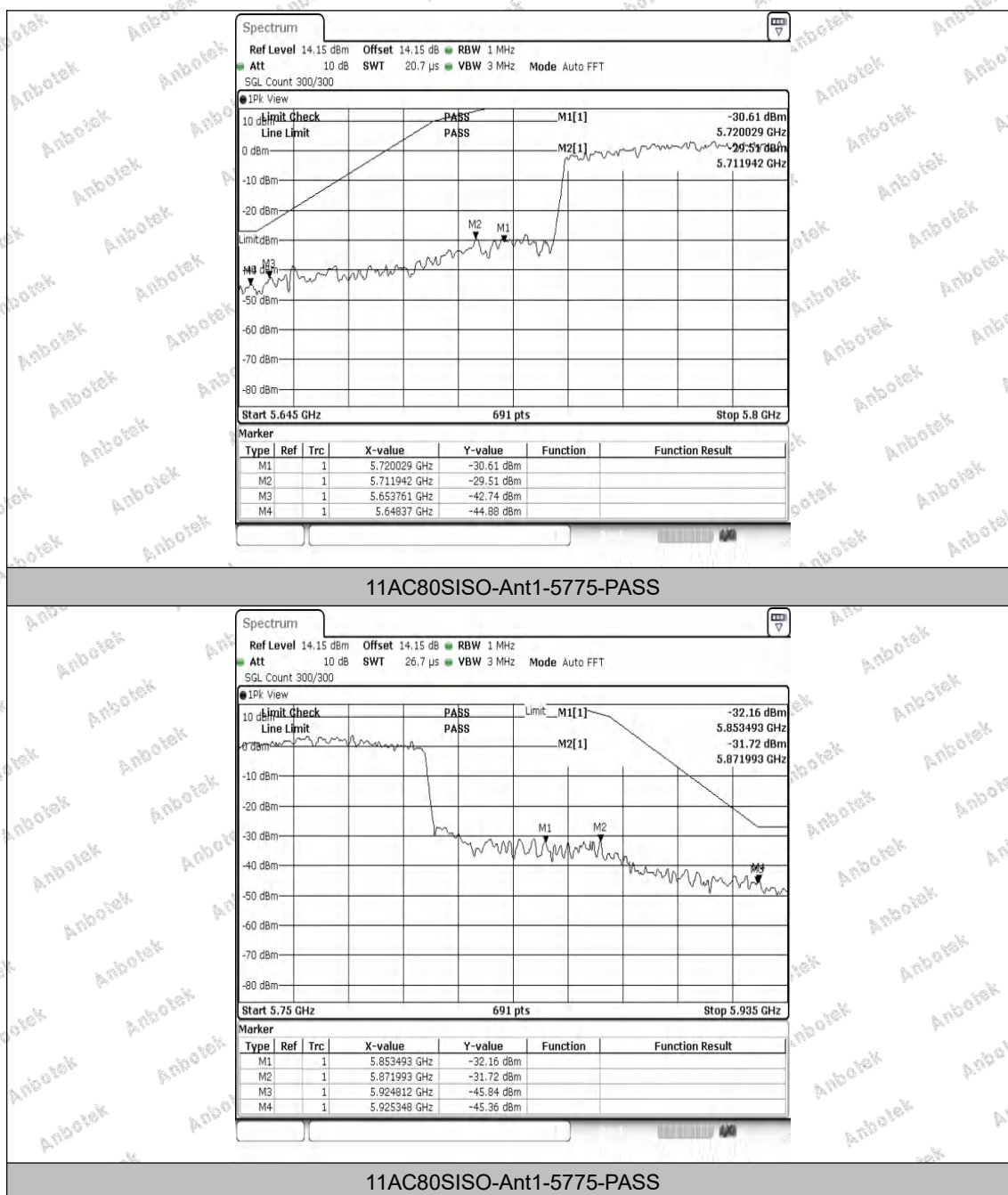


11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS





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