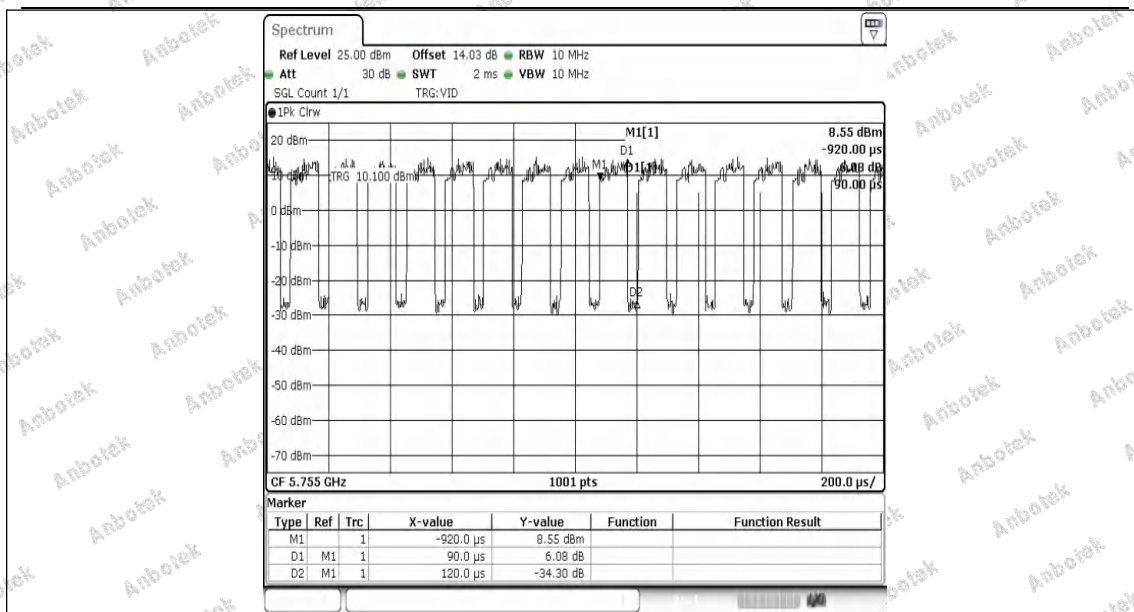
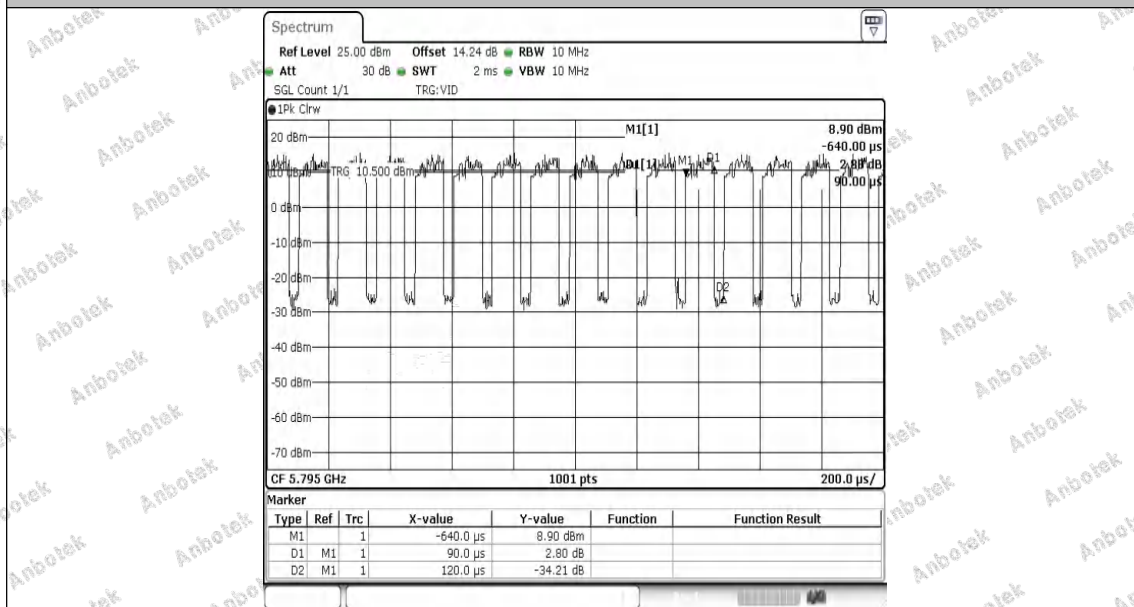


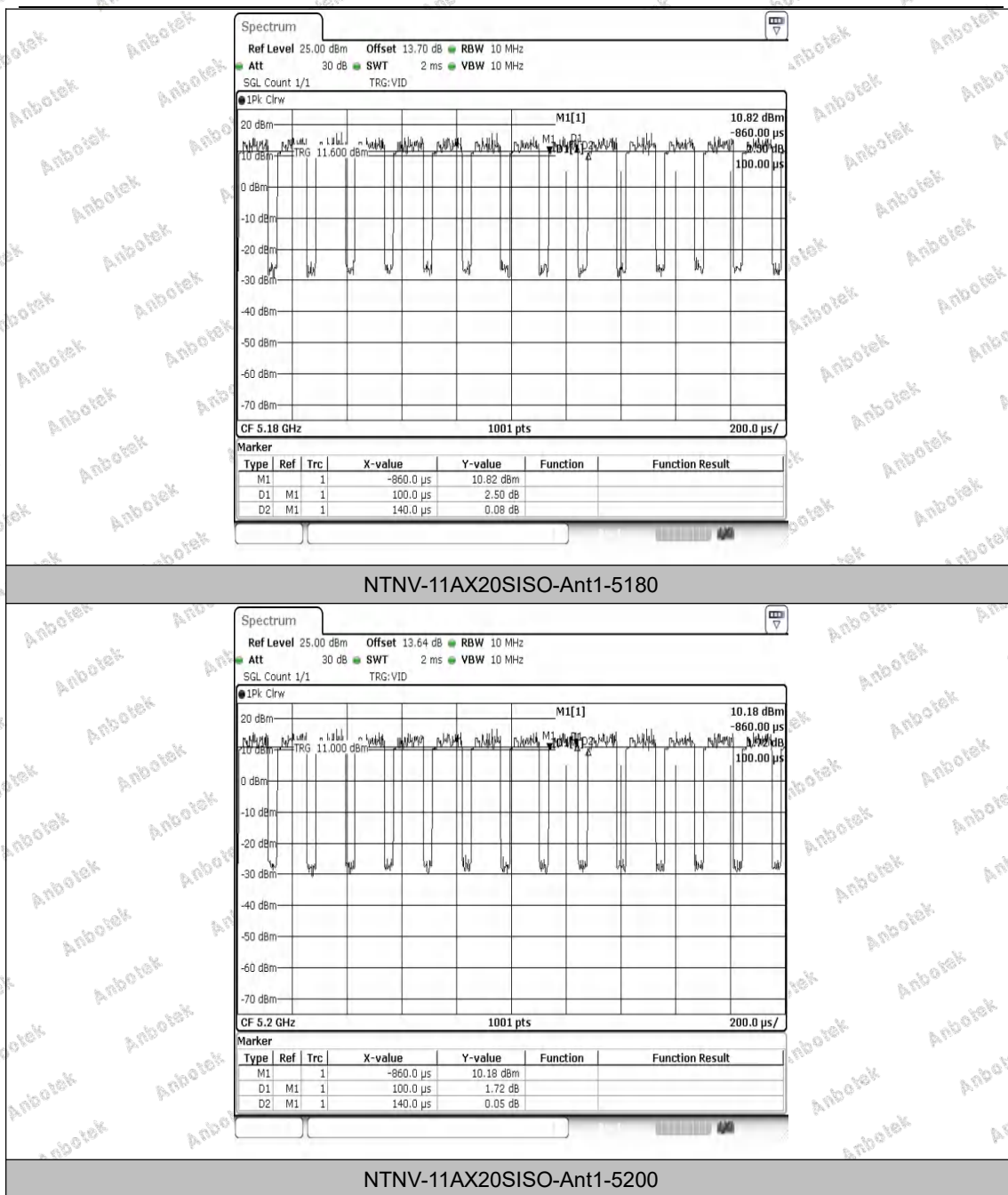


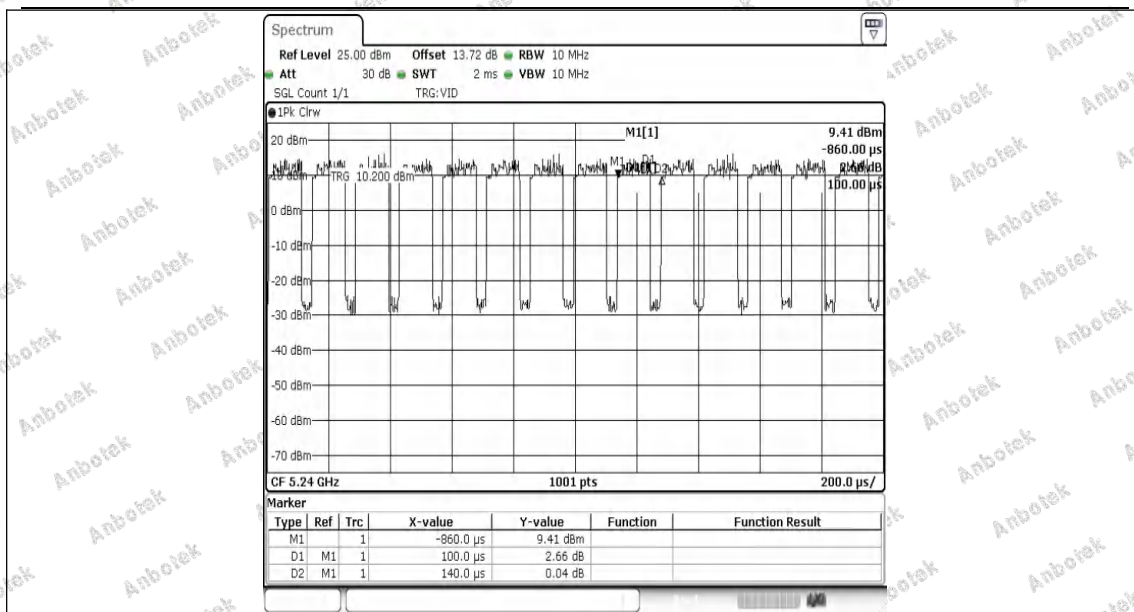
NTNV-11AC40SISO-Ant1-5755



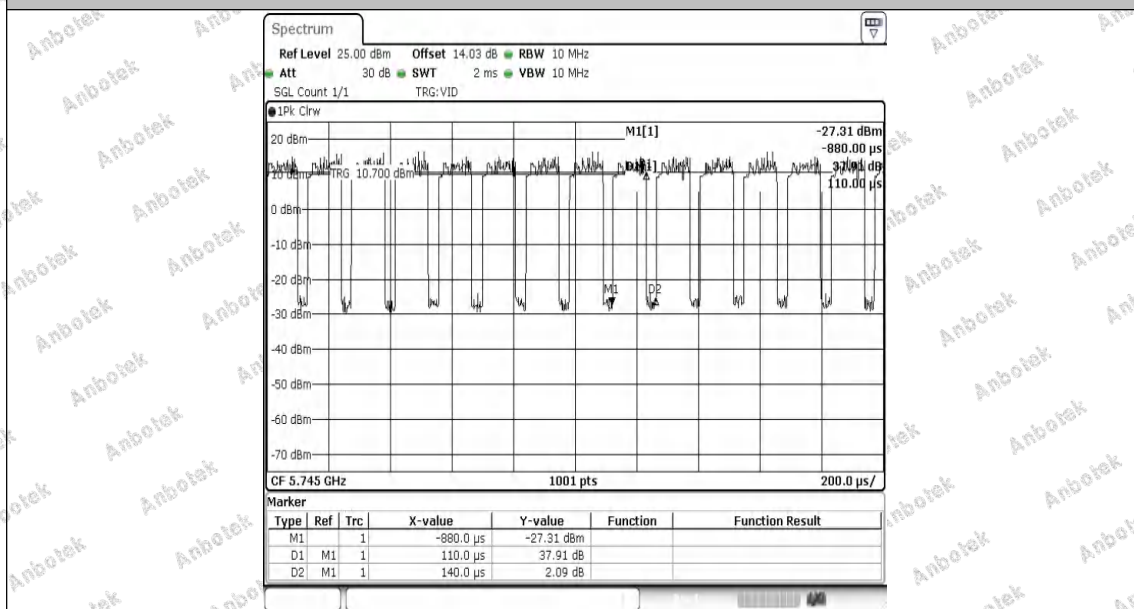
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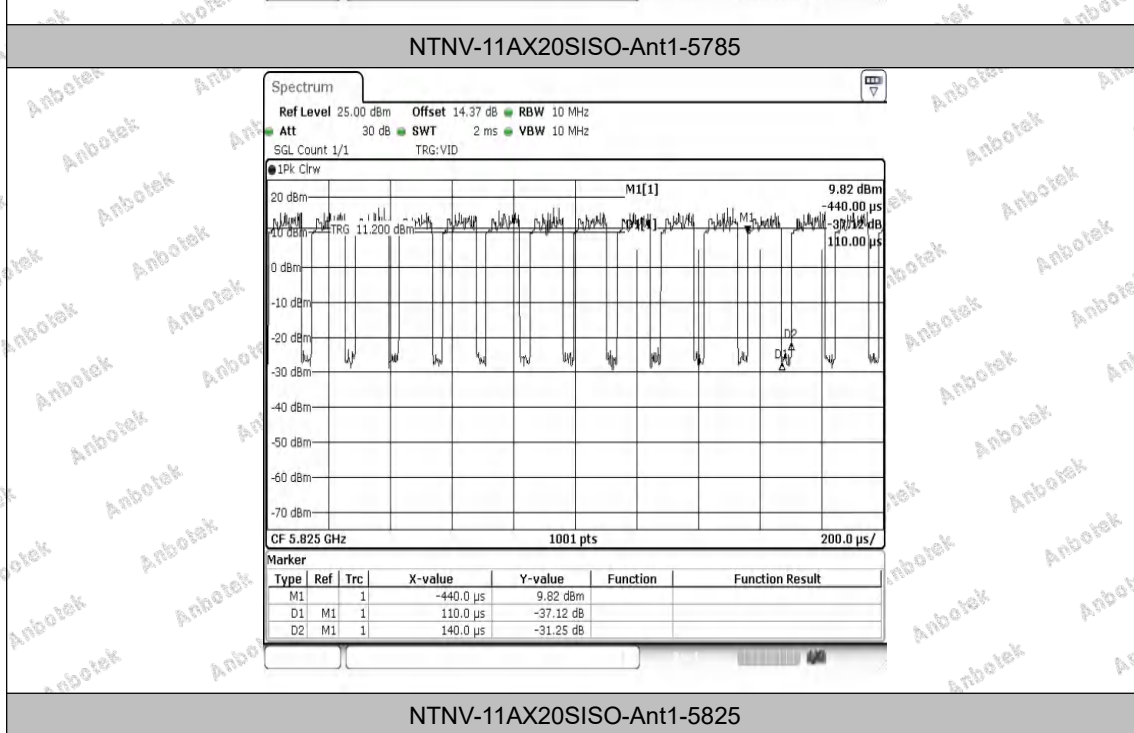
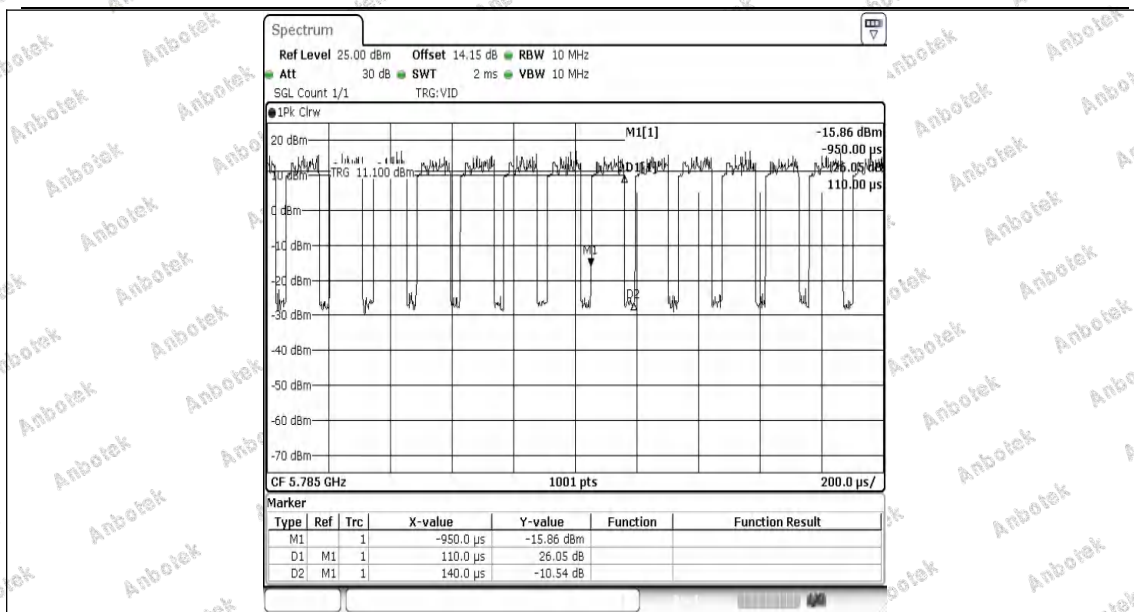


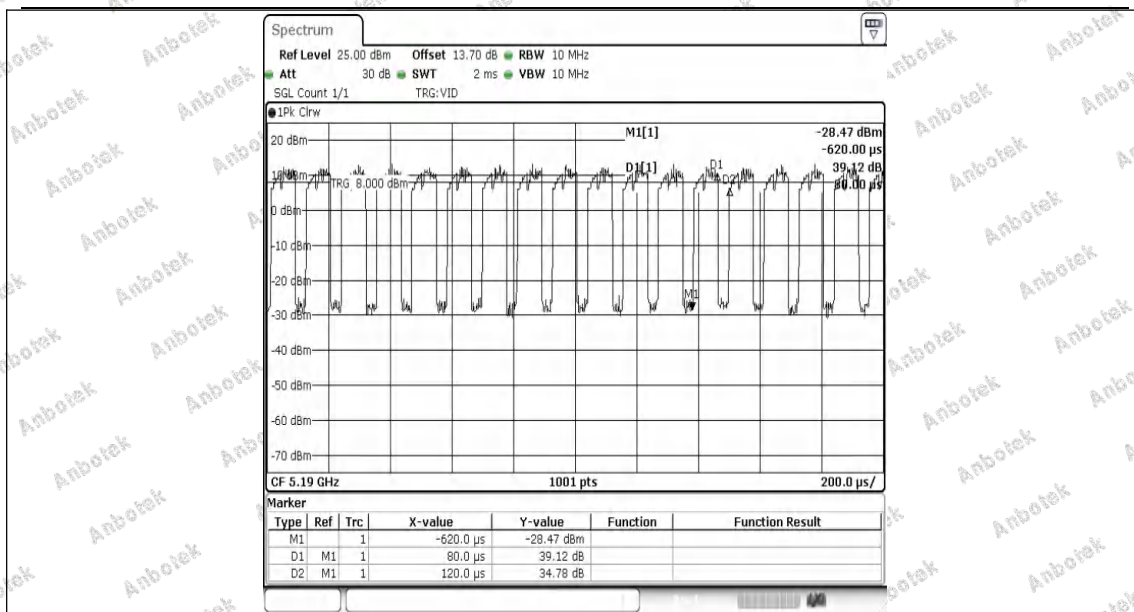
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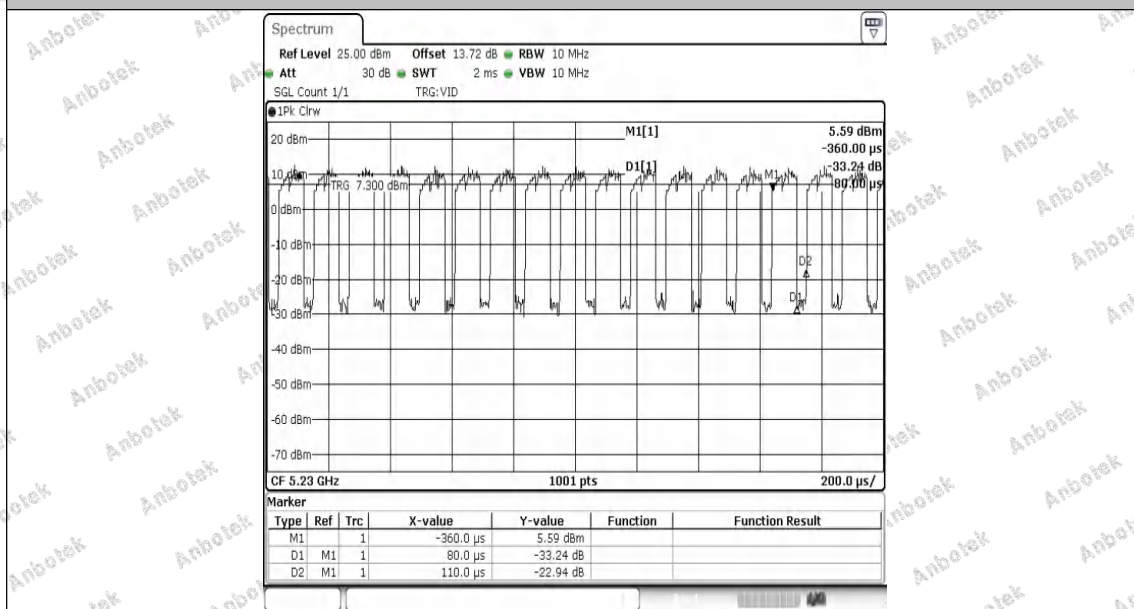
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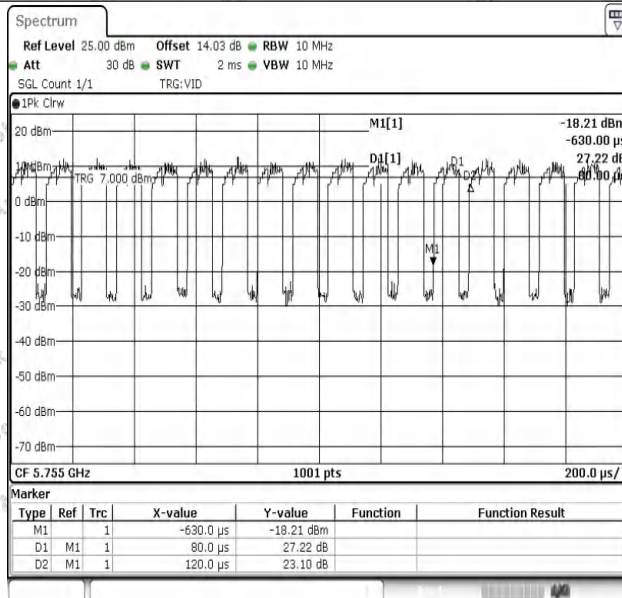


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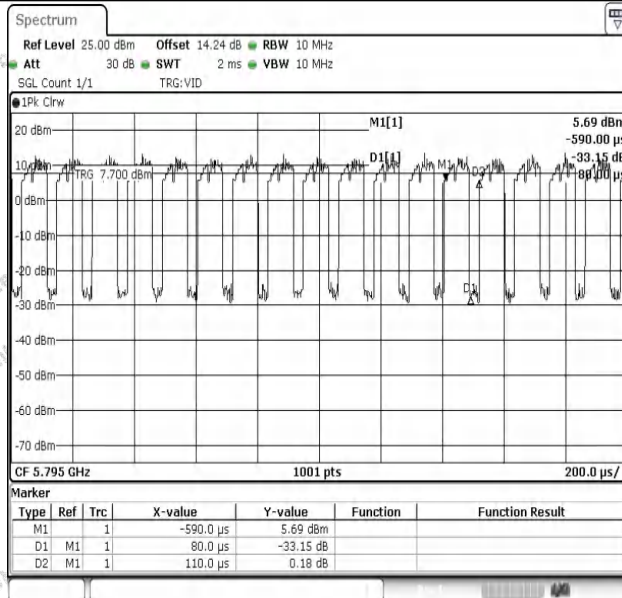


NTNV-11AX40SISO-Ant1-5230





NTNV-11AX40SISO-Ant1-5755



NTNV-11AX40SISO-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	---	11.60	80.95	0.92	12.52	≤23.98	PASS
11A	Ant1	5200	---	11.15	80.95	0.92	12.07	≤23.98	PASS
11A	Ant1	5240	---	10.51	85.00	0.71	11.22	≤23.98	PASS
11A	Ant1	5745	---	11.02	80.95	0.92	11.94	≤30.00	PASS
11A	Ant1	5785	---	11.43	85.71	0.67	12.10	≤30.00	PASS
11A	Ant1	5825	---	11.76	85.00	0.71	12.47	≤30.00	PASS
11N20SISO	Ant1	5180	---	11.72	80.00	0.97	12.69	≤23.98	PASS
11N20SISO	Ant1	5200	---	11.30	84.21	0.75	12.05	≤23.98	PASS
11N20SISO	Ant1	5240	---	10.68	84.21	0.75	11.43	≤23.98	PASS
11N20SISO	Ant1	5745	---	11.13	80.00	0.97	12.10	≤30.00	PASS
11N20SISO	Ant1	5785	---	11.45	84.21	0.75	12.20	≤30.00	PASS
11N20SISO	Ant1	5825	---	11.60	84.21	0.75	12.35	≤30.00	PASS
11N40SISO	Ant1	5190	---	10.99	76.92	1.14	12.13	≤23.98	PASS
11N40SISO	Ant1	5230	---	10.33	76.92	1.14	11.47	≤23.98	PASS
11N40SISO	Ant1	5755	---	10.63	76.92	1.14	11.77	≤30.00	PASS
11N40SISO	Ant1	5795	---	11.23	76.92	1.14	12.37	≤30.00	PASS
11AC20SISO	Ant1	5180	---	11.58	77.78	1.09	12.67	≤23.98	PASS
11AC20SISO	Ant1	5200	---	11.10	82.35	0.84	11.94	≤23.98	PASS
11AC20SISO	Ant1	5240	---	10.53	83.33	0.79	11.32	≤23.98	PASS
11AC20SISO	Ant1	5745	---	10.94	83.33	0.79	11.73	≤30.00	PASS
11AC20SISO	Ant1	5785	---	11.30	83.33	0.79	12.09	≤30.00	PASS
11AC20SISO	Ant1	5825	---	11.46	77.78	1.09	12.55	≤30.00	PASS
11AC40SISO	Ant1	5190	---	10.85	75.00	1.25	12.10	≤23.98	PASS
11AC40SISO	Ant1	5230	---	10.23	75.00	1.25	11.48	≤23.98	PASS
11AC40SISO	Ant1	5755	---	10.36	75.00	1.25	11.61	≤30.00	PASS
11AC40SISO	Ant1	5795	---	10.68	75.00	1.25	11.93	≤30.00	PASS
11AX20SISO	Ant1	5180	---	9.37	71.43	1.46	10.83	≤23.98	PASS
11AX20SISO	Ant1	5200	---	8.83	71.43	1.46	10.29	≤23.98	PASS
11AX20SISO	Ant1	5240	---	8.11	71.43	1.46	9.57	≤23.98	PASS
11AX20SISO	Ant1	5745	---	8.10	78.57	1.05	9.15	≤30.00	PASS
11AX20SISO	Ant1	5785	---	8.52	78.57	1.05	9.57	≤30.00	PASS
11AX20SISO	Ant1	5825	---	8.67	78.57	1.05	9.72	≤30.00	PASS
11AX40SISO	Ant1	5190	---	8.72	66.67	1.76	10.48	≤23.98	PASS
11AX40SISO	Ant1	5230	---	7.97	72.73	1.38	9.35	≤23.98	PASS
11AX40SISO	Ant1	5755	---	7.77	66.67	1.76	9.53	≤30.00	PASS
11AX40SISO	Ant1	5795	---	8.29	72.73	1.38	9.67	≤30.00	PASS

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

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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86)0755-26066440 Email: service@anbotek.com

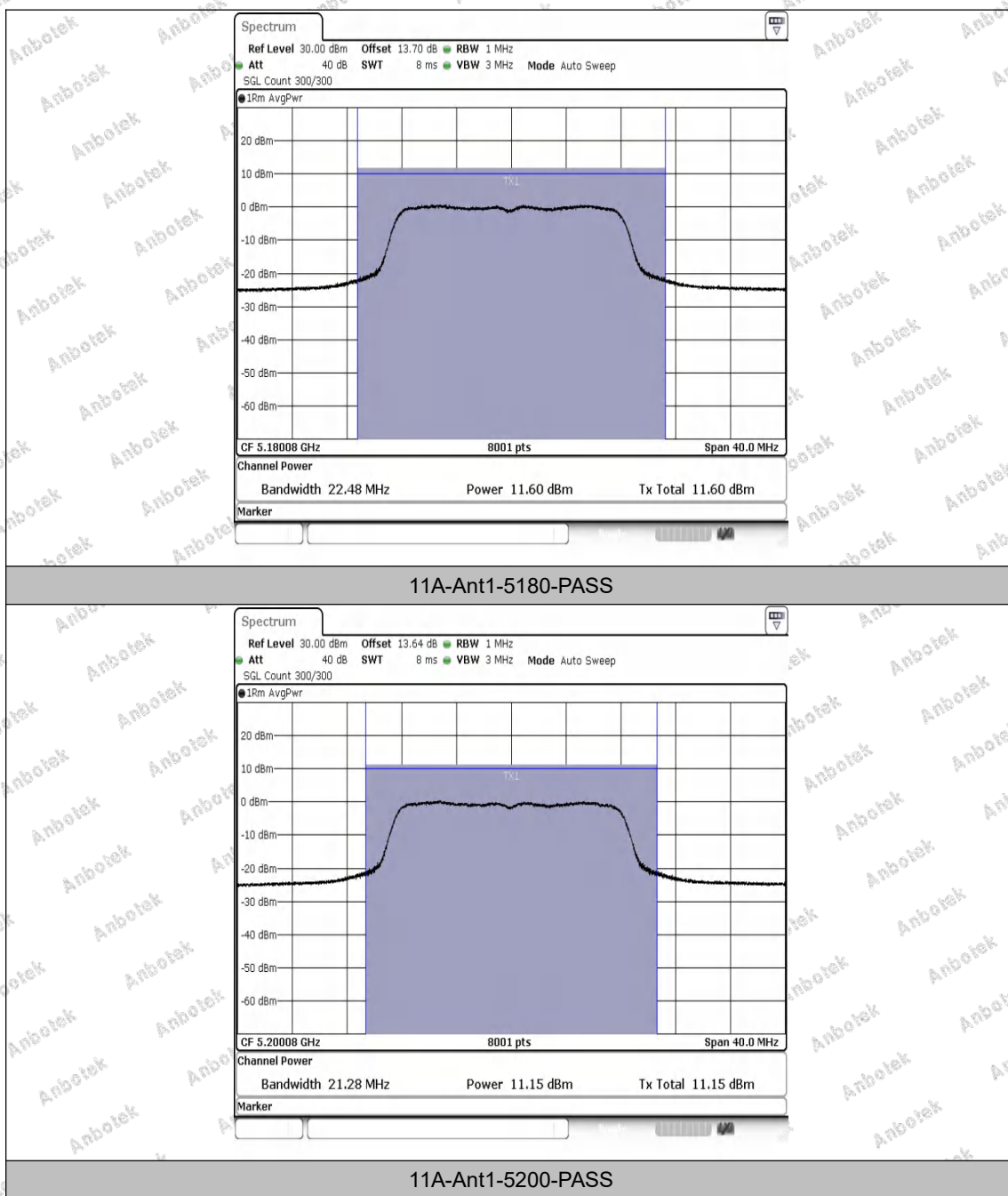


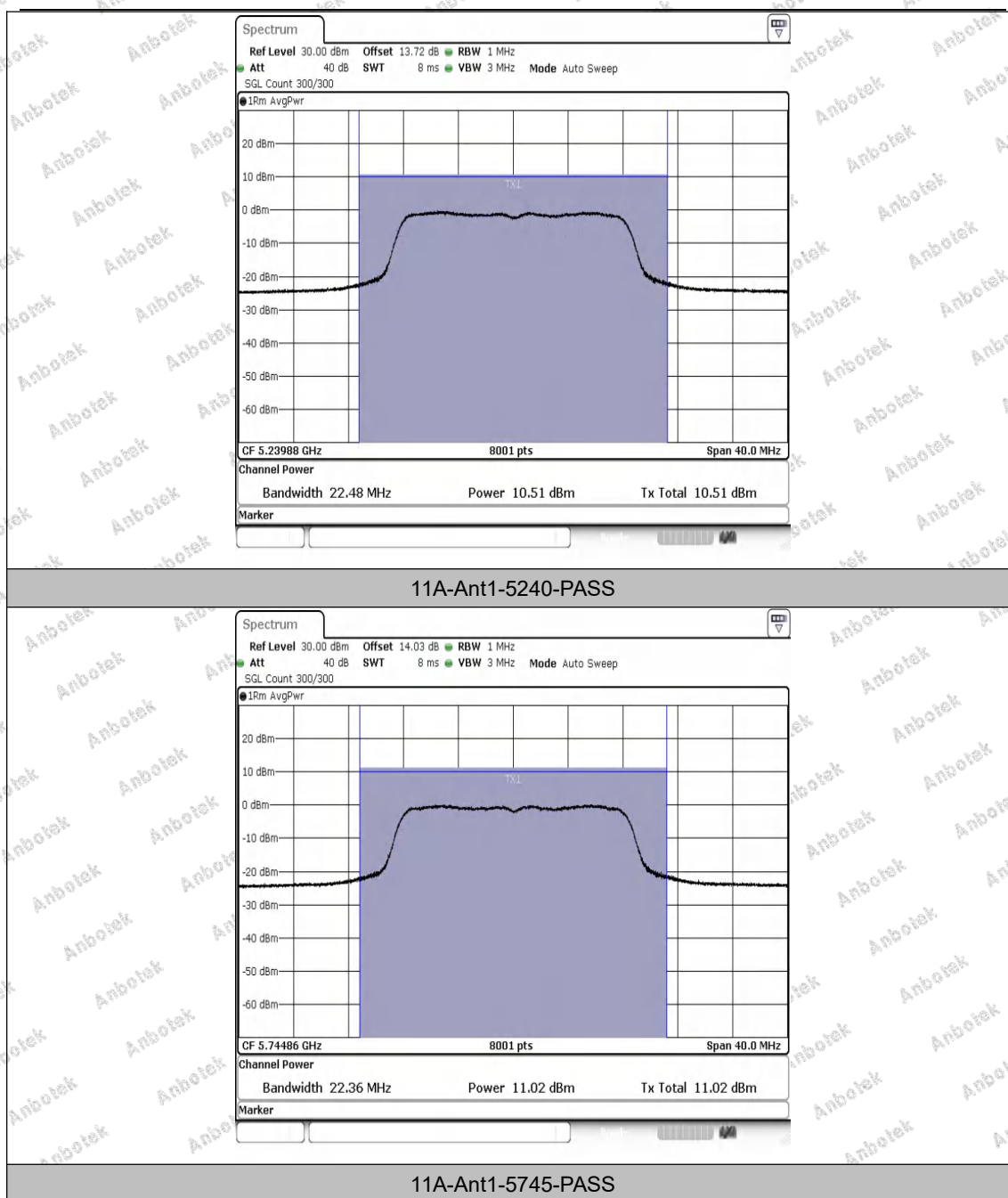
Hotline
400-003-0500

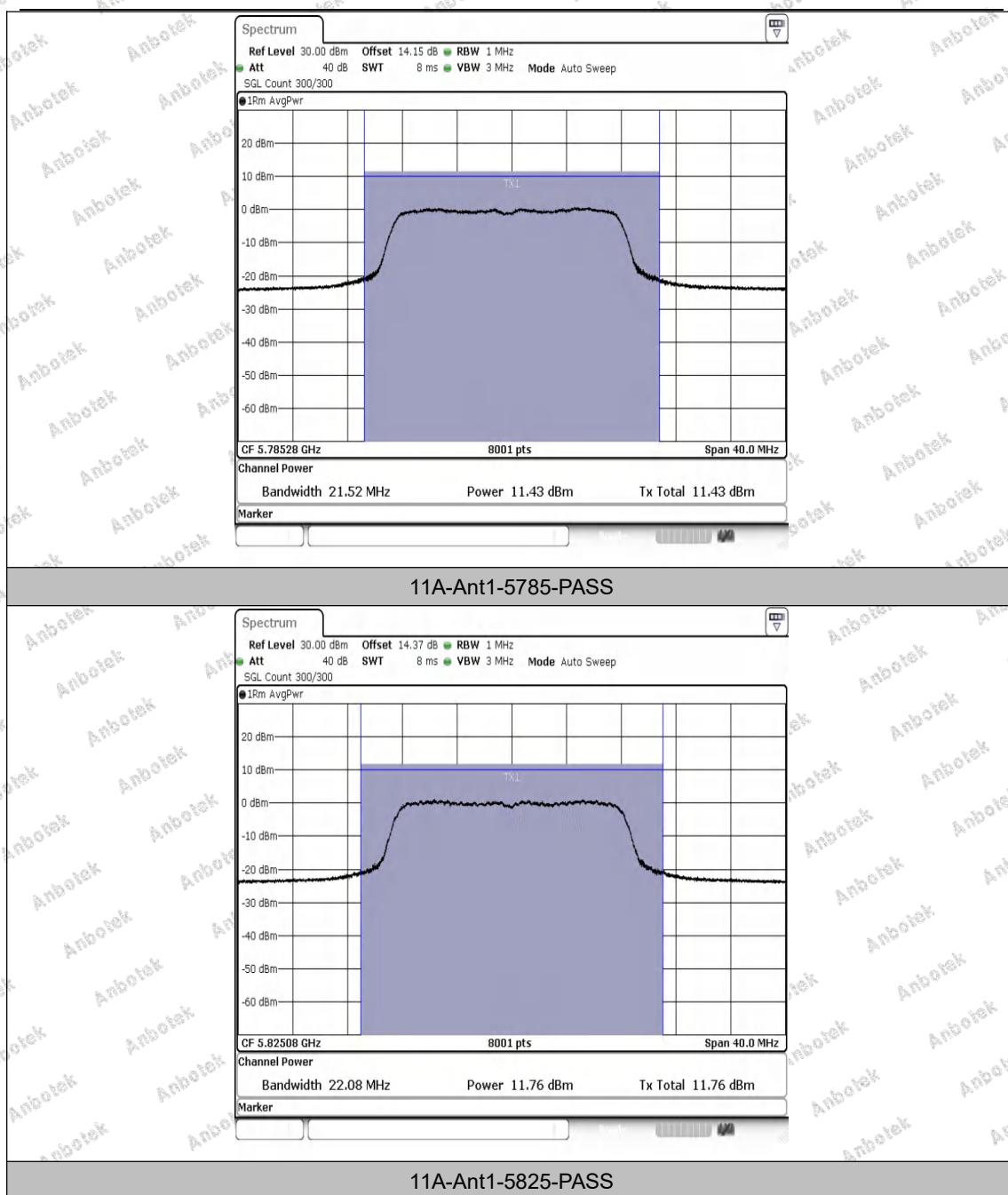
www.anbotek.com

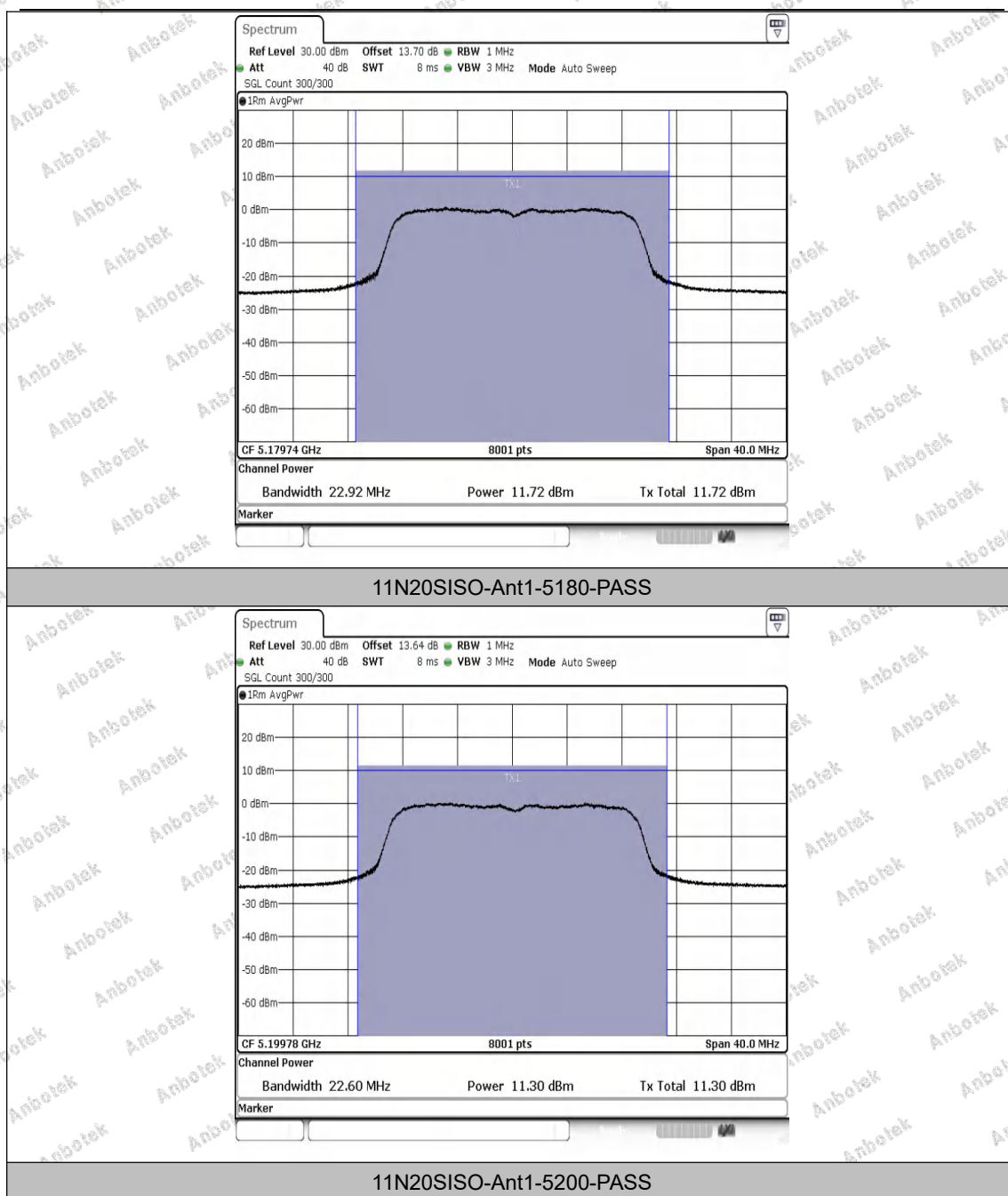


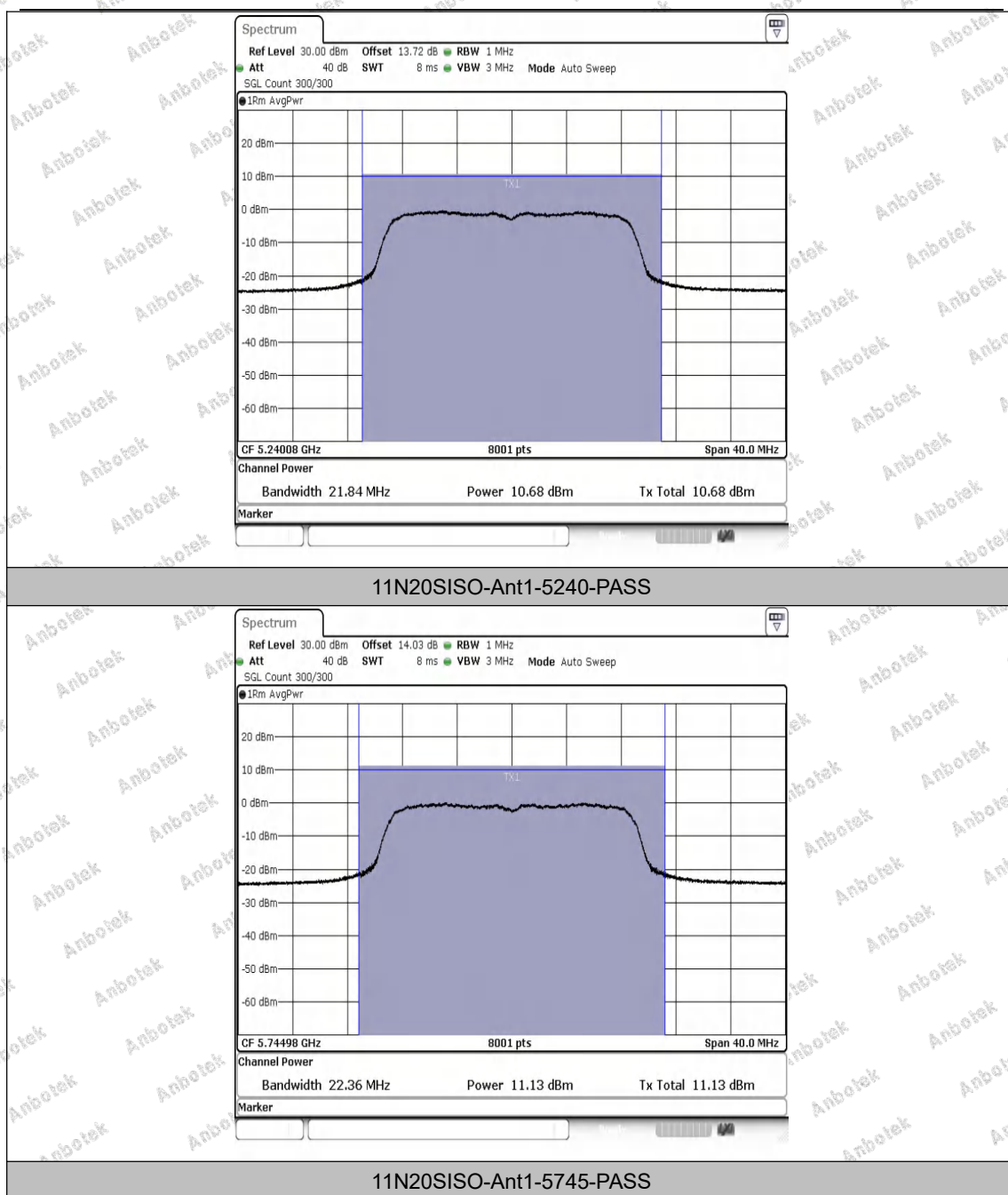
Test Graphs Channel Power

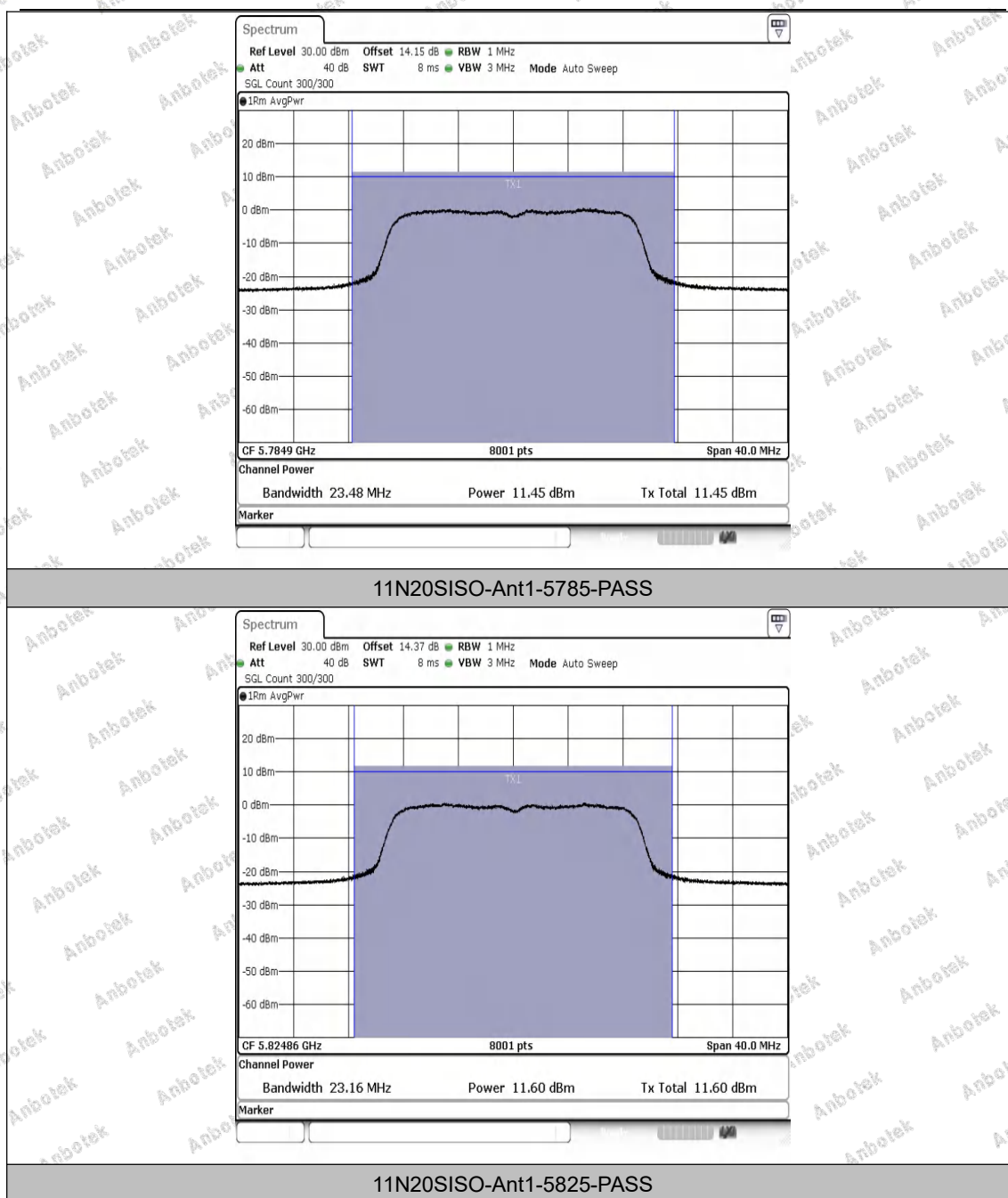






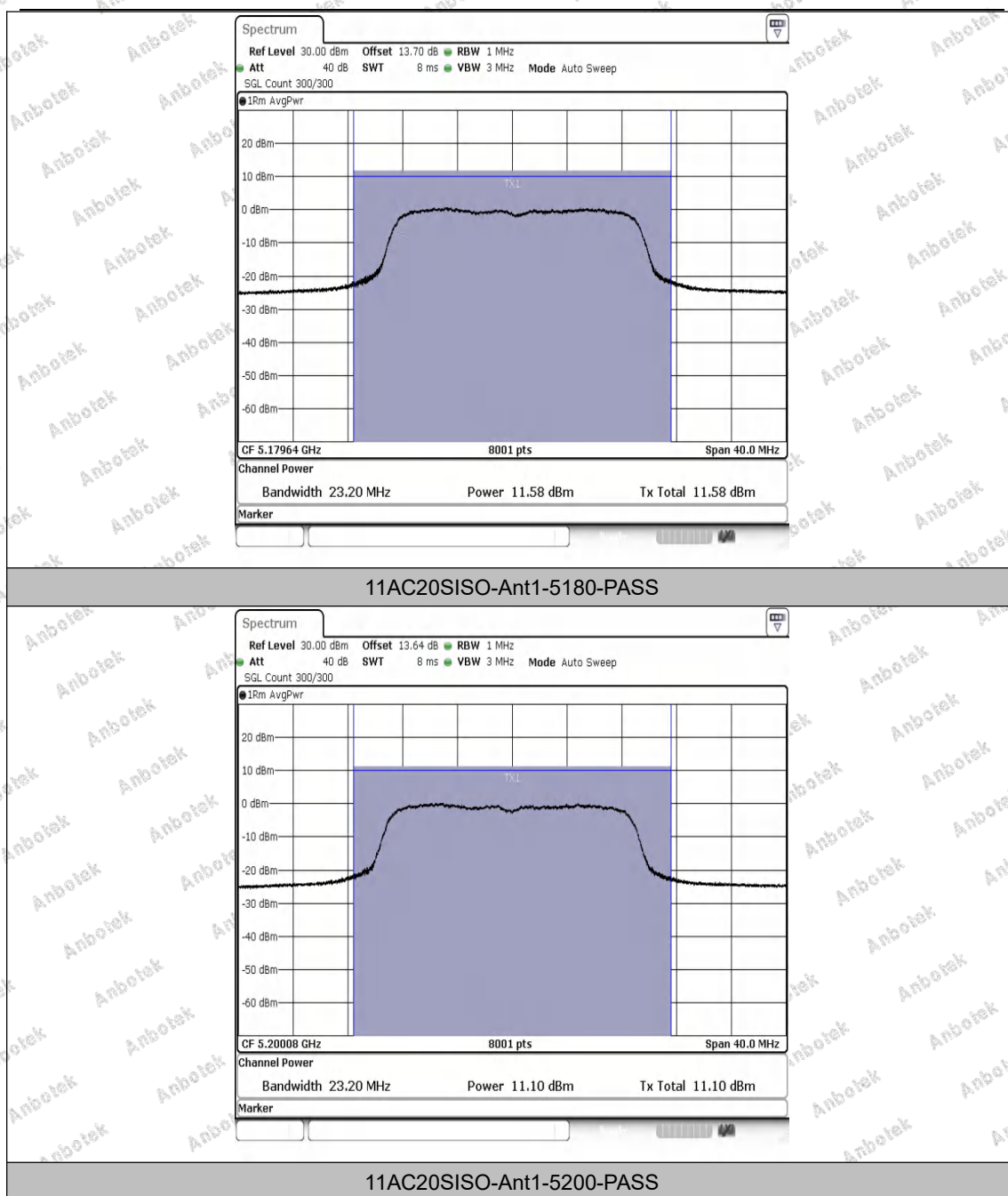


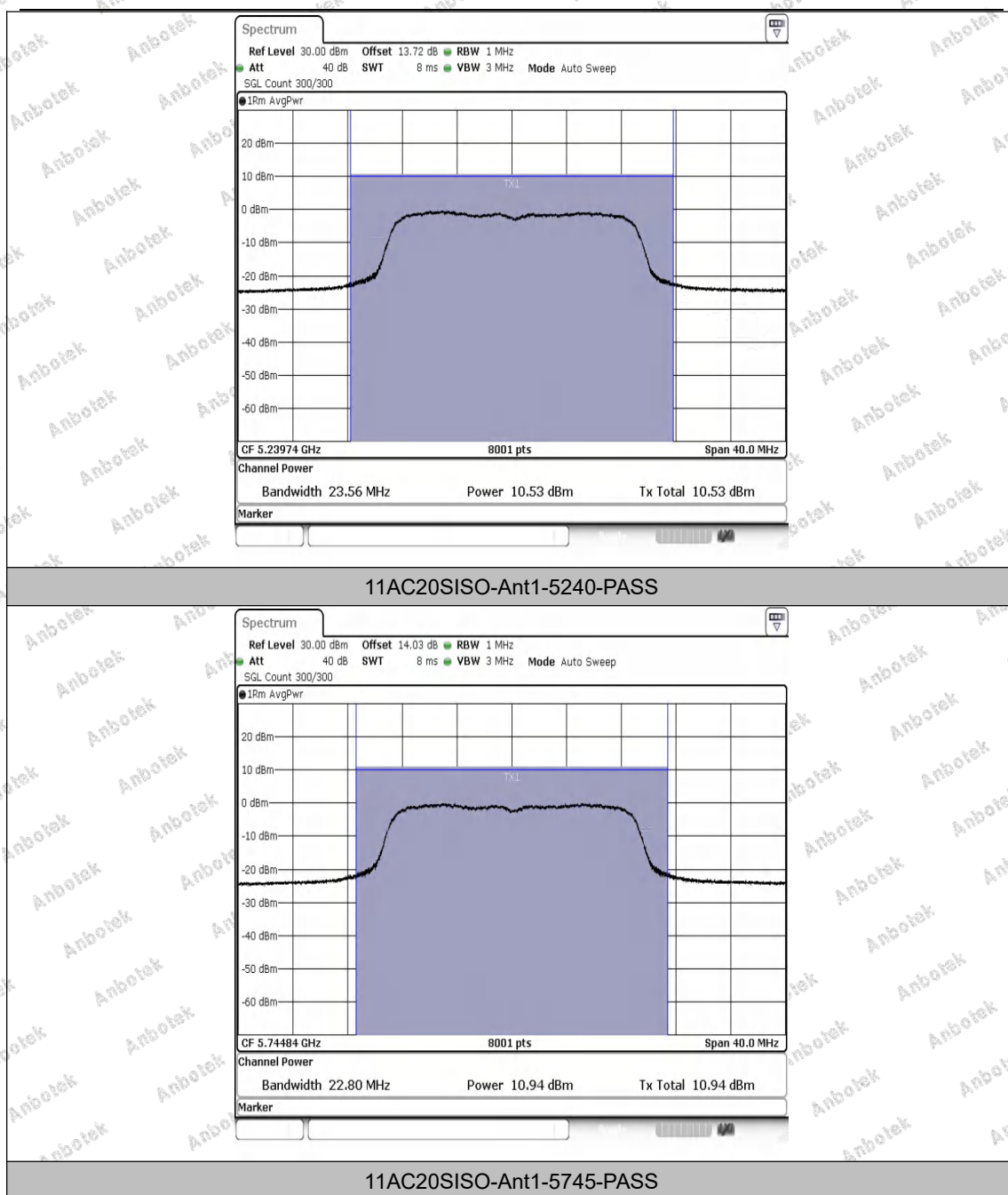


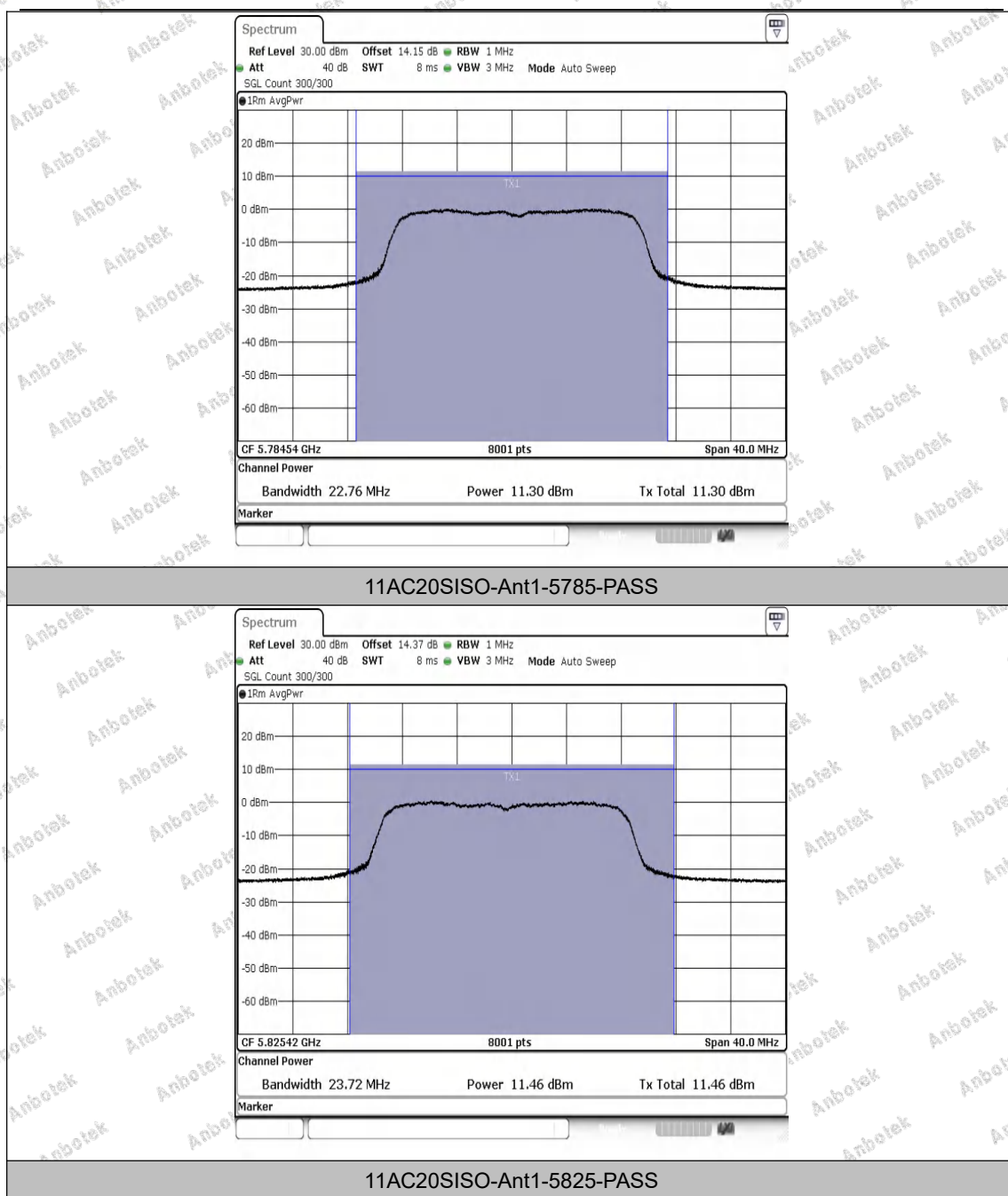


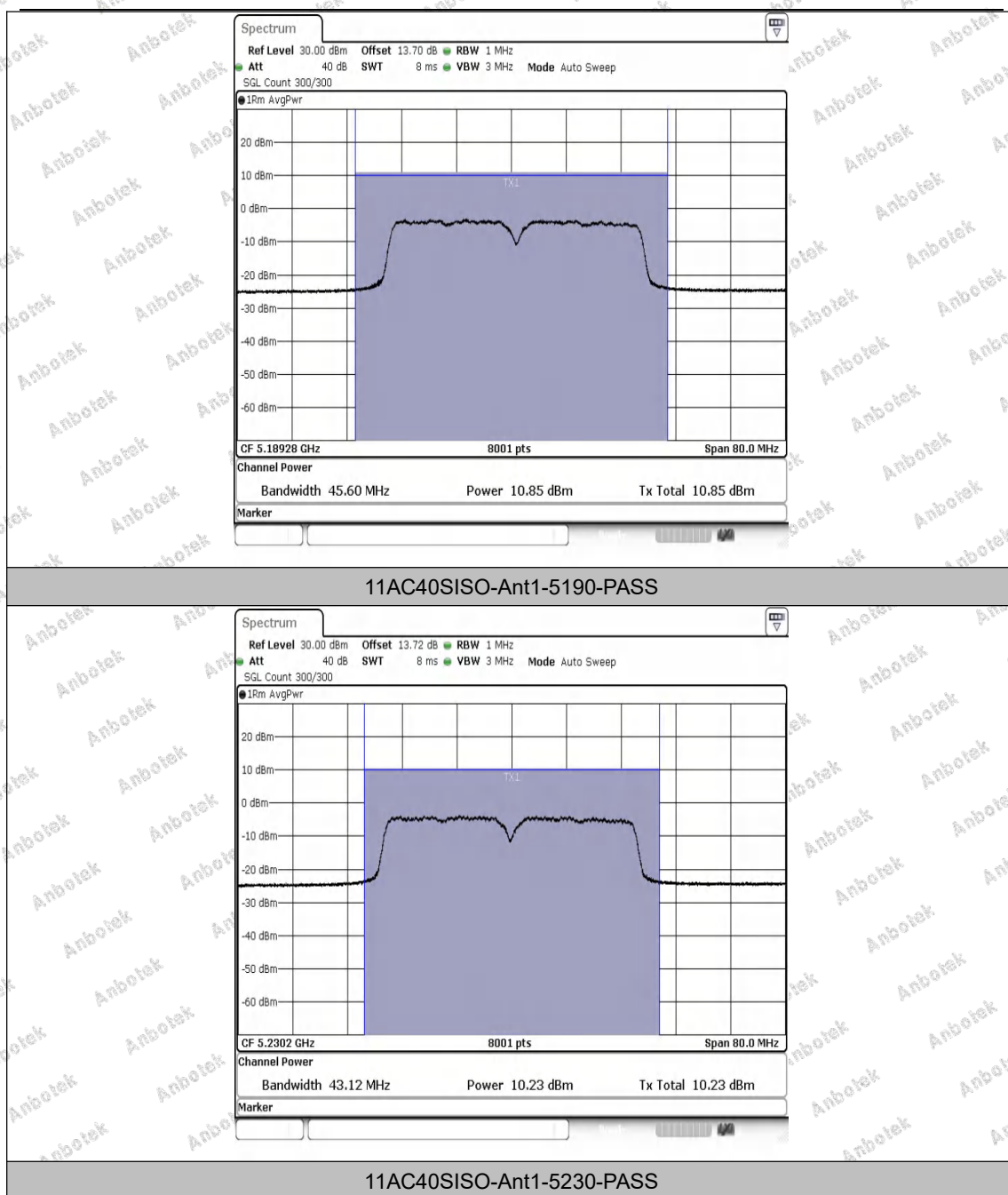


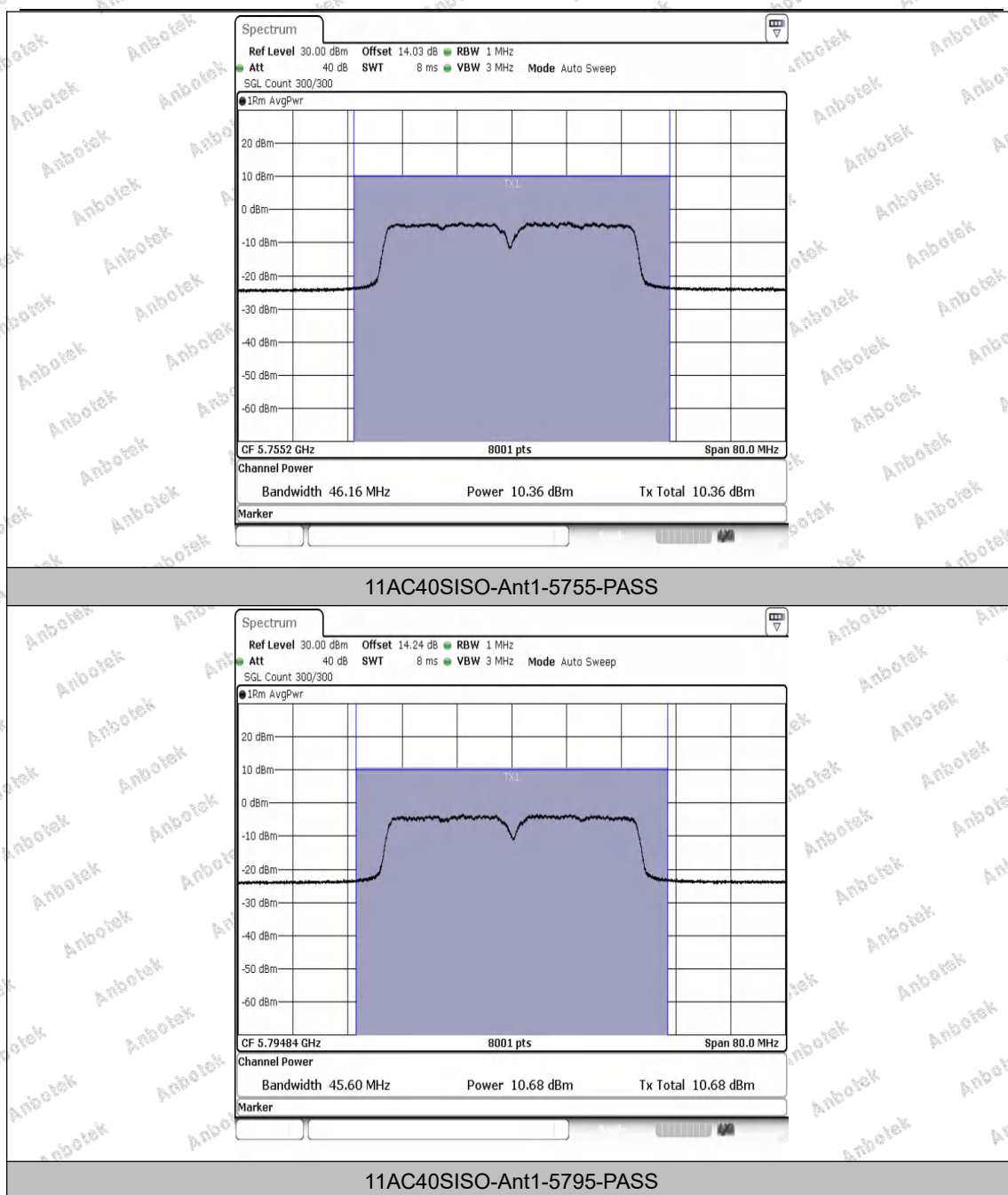


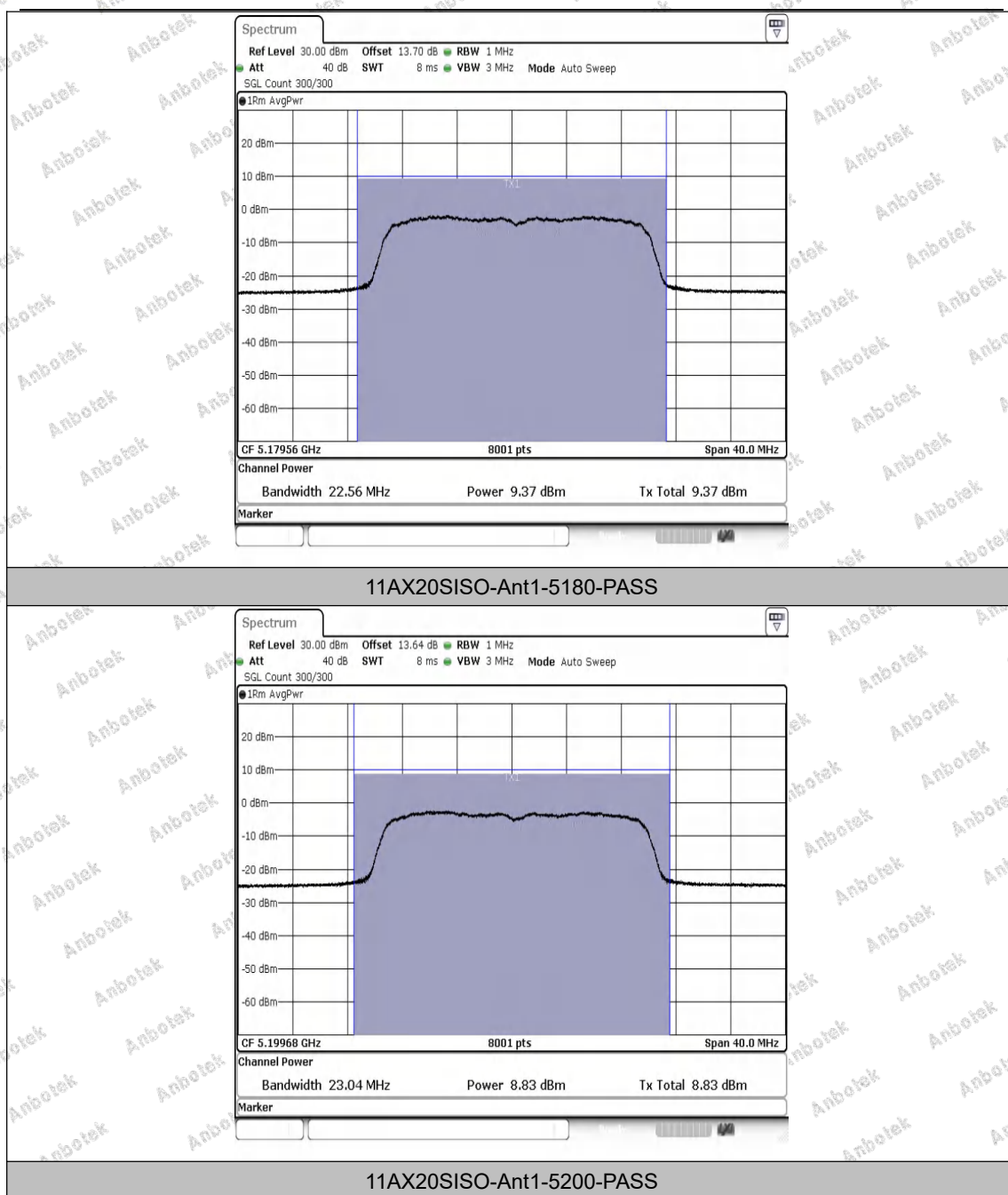


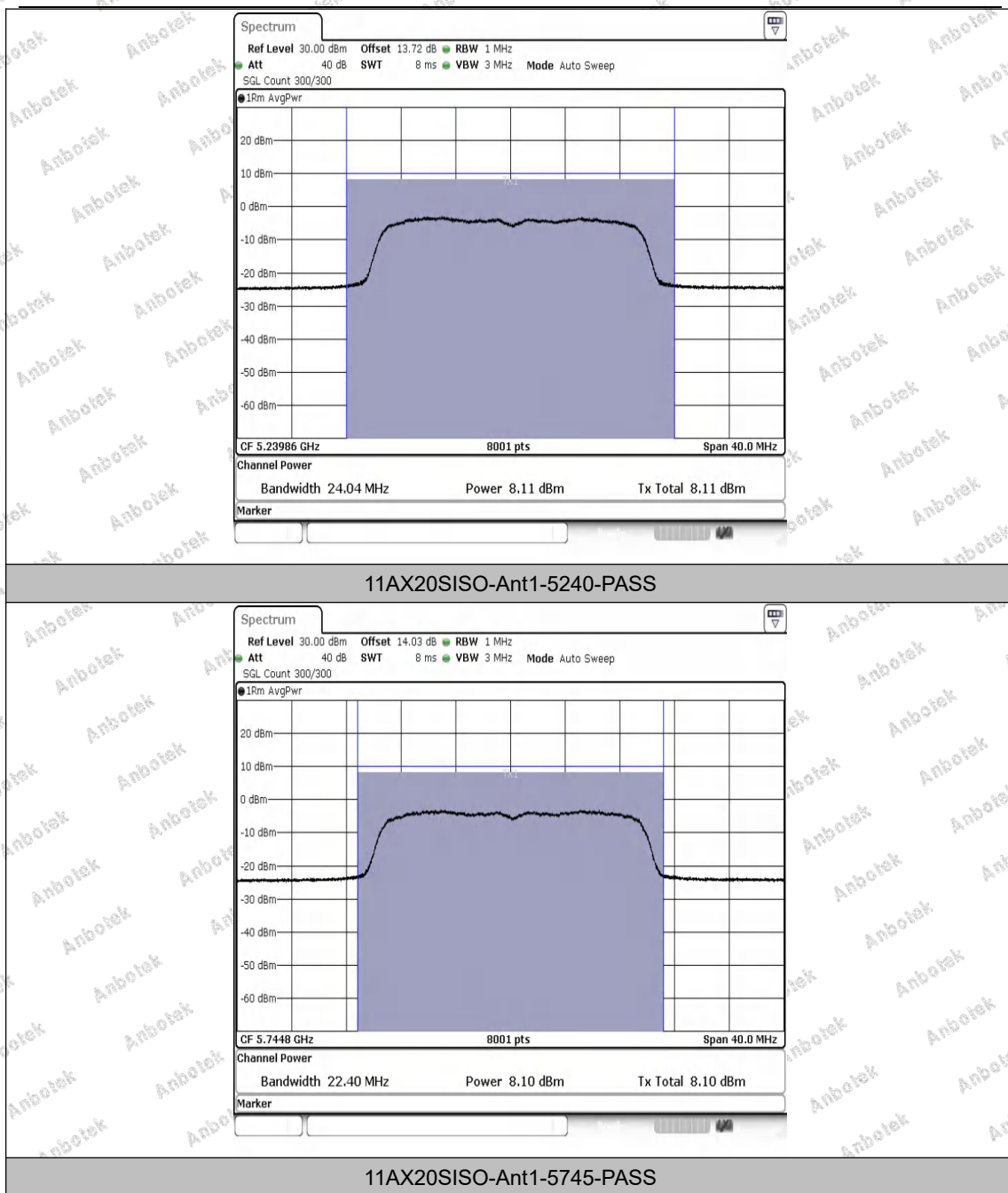


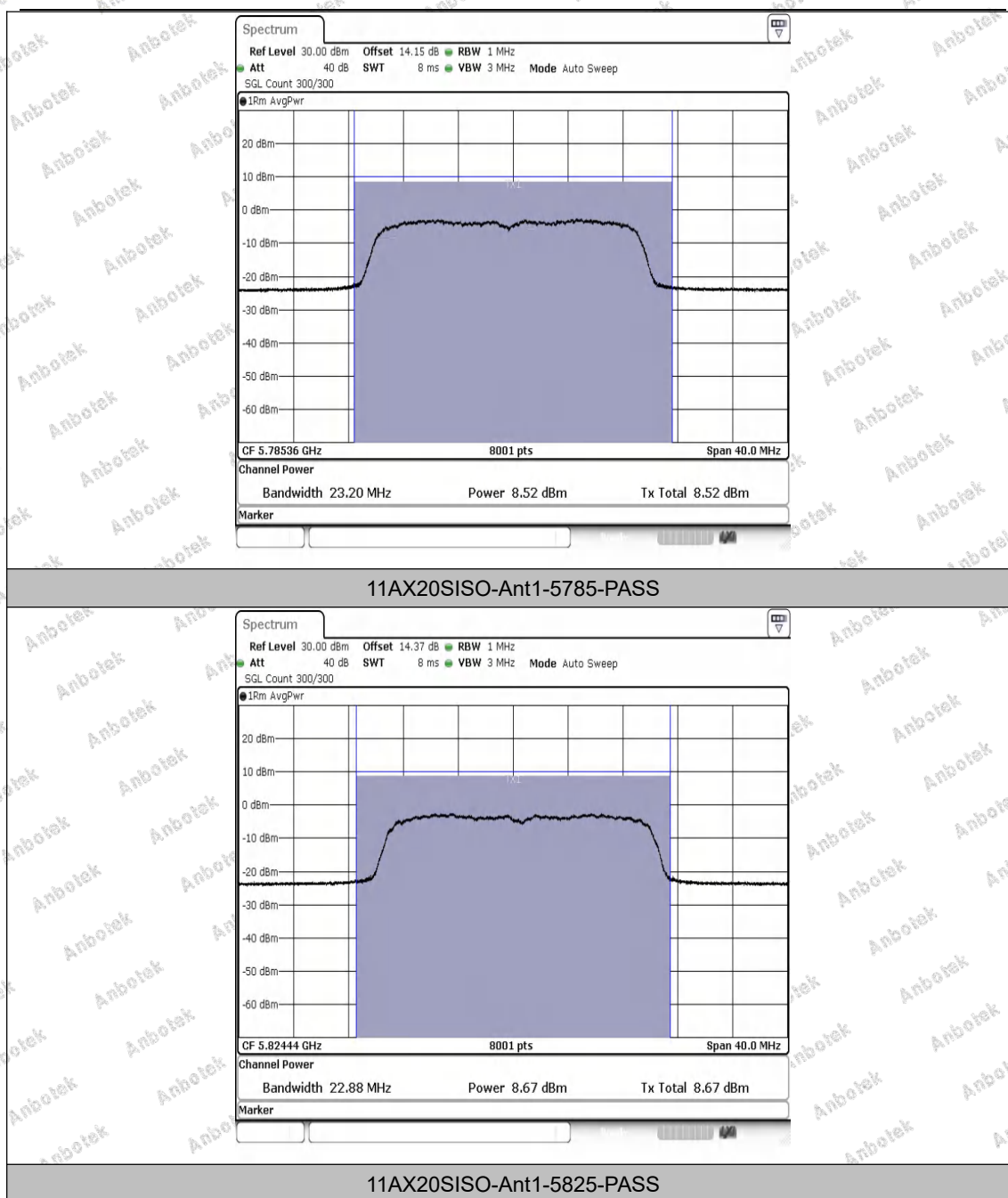


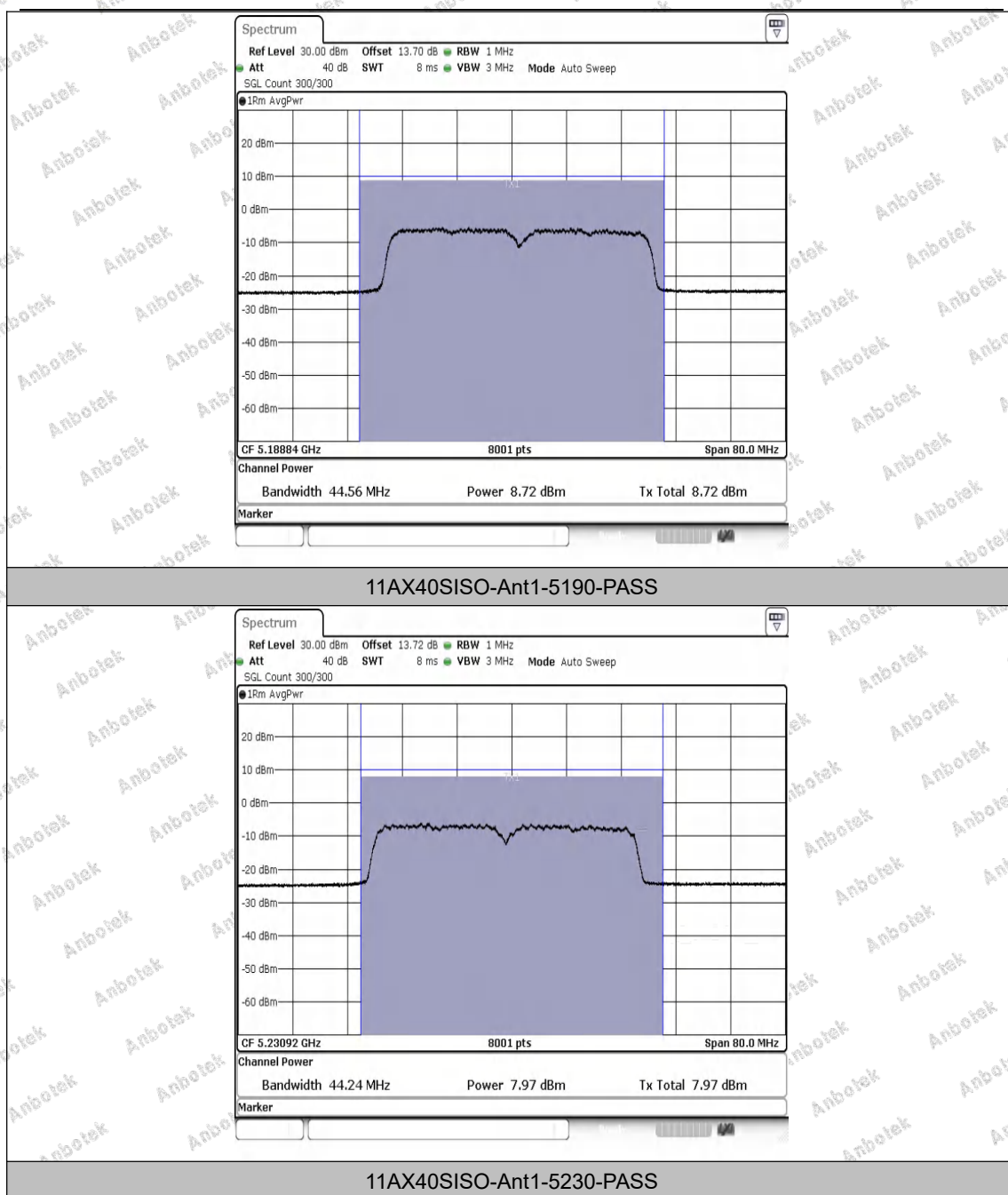


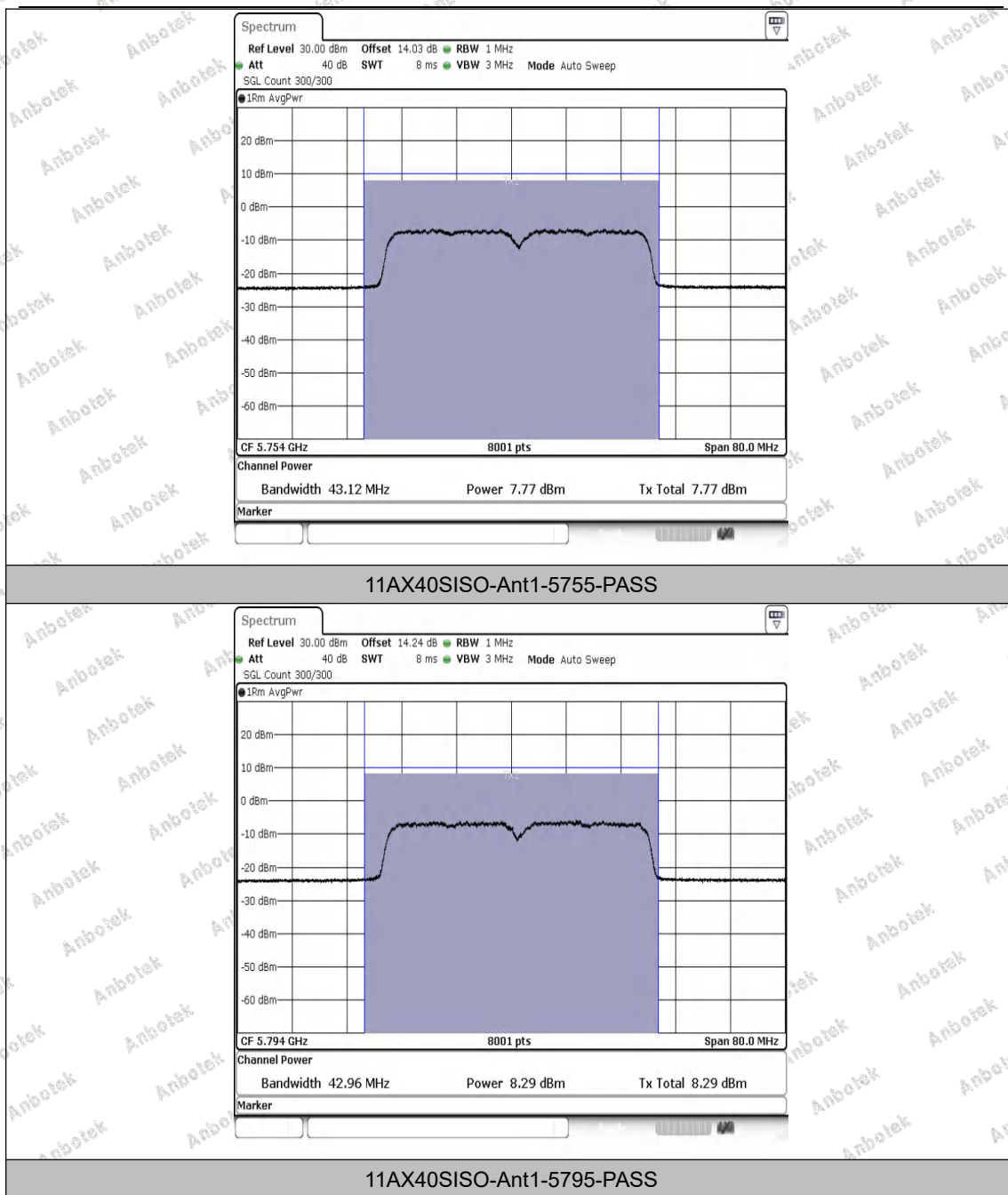












Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Reading Result [dBm/MHz]	DC Factor [dB]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	1.23	0.92	2.15	≤11.00	PASS
11A	Ant1	5200	-0.16	0.92	0.76	≤11.00	PASS
11A	Ant1	5240	-0.29	0.71	0.42	≤11.00	PASS
11N20SISO	Ant1	5180	0.87	0.97	1.84	≤11.00	PASS
11N20SISO	Ant1	5200	0.63	0.75	1.38	≤11.00	PASS
11N20SISO	Ant1	5240	-0.07	0.75	0.68	≤11.00	PASS
11N40SISO	Ant1	5190	-3.27	1.14	-2.13	≤11.00	PASS
11N40SISO	Ant1	5230	-3.95	1.14	-2.81	≤11.00	PASS
11AC20SISO	Ant1	5180	-0.10	1.09	0.99	≤11.00	PASS
11AC20SISO	Ant1	5200	-0.19	0.84	0.65	≤11.00	PASS
11AC20SISO	Ant1	5240	-0.52	0.79	0.27	≤11.00	PASS
11AC40SISO	Ant1	5190	-3.01	1.25	-1.76	≤11.00	PASS
11AC40SISO	Ant1	5230	-3.71	1.25	-2.46	≤11.00	PASS
11AX20SISO	Ant1	5180	-2.28	1.46	-0.82	≤11.00	PASS
11AX20SISO	Ant1	5200	-2.22	1.46	-0.76	≤11.00	PASS
11AX20SISO	Ant1	5240	-3.68	1.46	-2.22	≤11.00	PASS
11AX40SISO	Ant1	5190	-5.75	1.76	-3.99	≤11.00	PASS
11AX40SISO	Ant1	5230	-6.30	1.38	-4.92	≤11.00	PASS

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

TestMode	Antenna	Frequency [MHz]	Reading Result [dBm/500KHz]	DC Factor [dB]	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
11A	Ant1	5745	-2.95	0.92	-2.03	≤30.00	PASS
11A	Ant1	5785	-2.34	0.67	-1.67	≤30.00	PASS
11A	Ant1	5825	-1.97	0.71	-1.26	≤30.00	PASS
11N20SISO	Ant1	5745	-2.80	0.97	-1.83	≤30.00	PASS
11N20SISO	Ant1	5785	-2.72	0.75	-1.97	≤30.00	PASS
11N20SISO	Ant1	5825	-2.55	0.75	-1.80	≤30.00	PASS
11N40SISO	Ant1	5755	-6.07	1.14	-4.93	≤30.00	PASS
11N40SISO	Ant1	5795	-5.83	1.14	-4.69	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.07	0.79	-2.28	≤30.00	PASS
11AC20SISO	Ant1	5785	-2.51	0.79	-1.72	≤30.00	PASS
11AC20SISO	Ant1	5825	-2.48	1.09	-1.39	≤30.00	PASS

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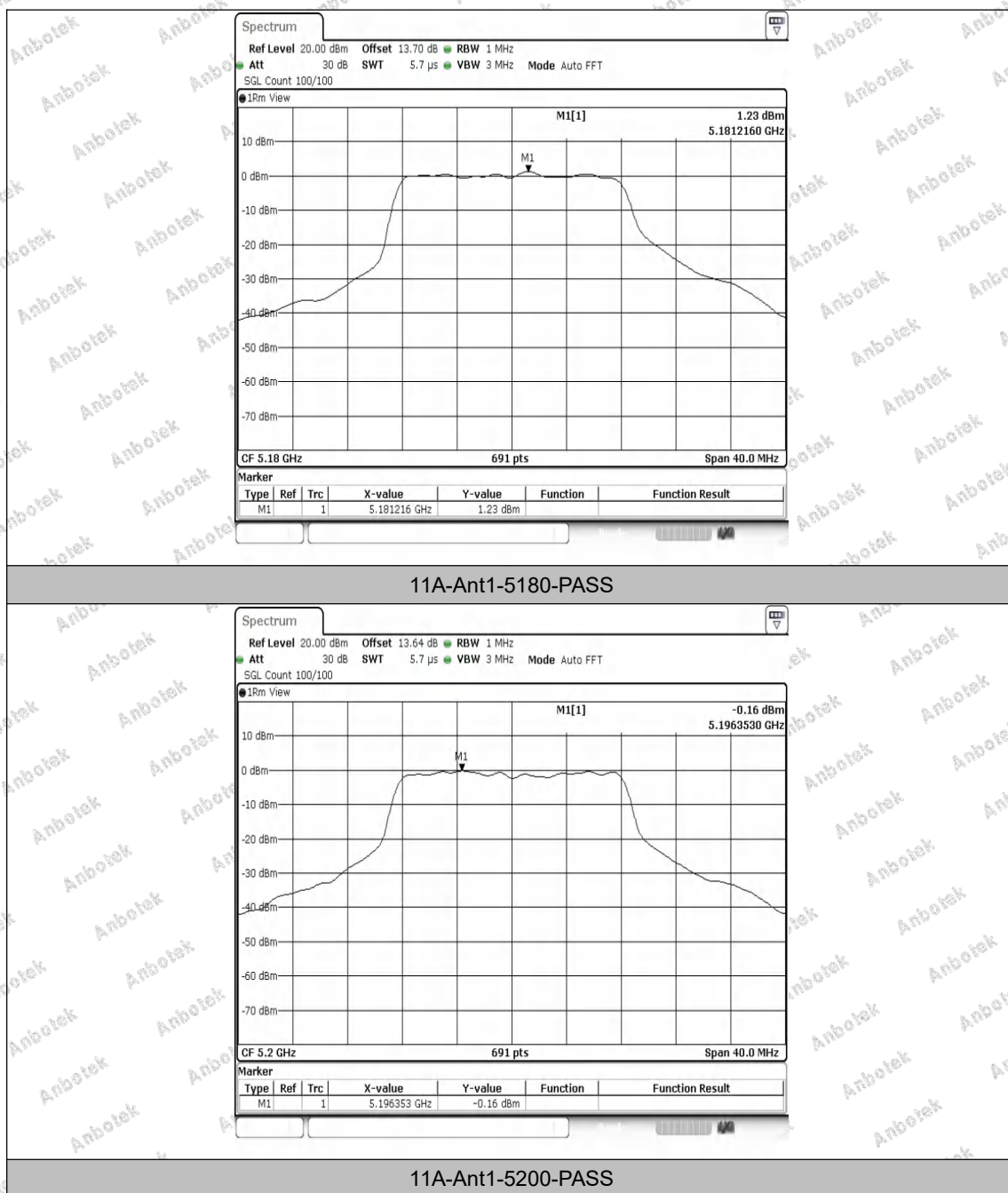


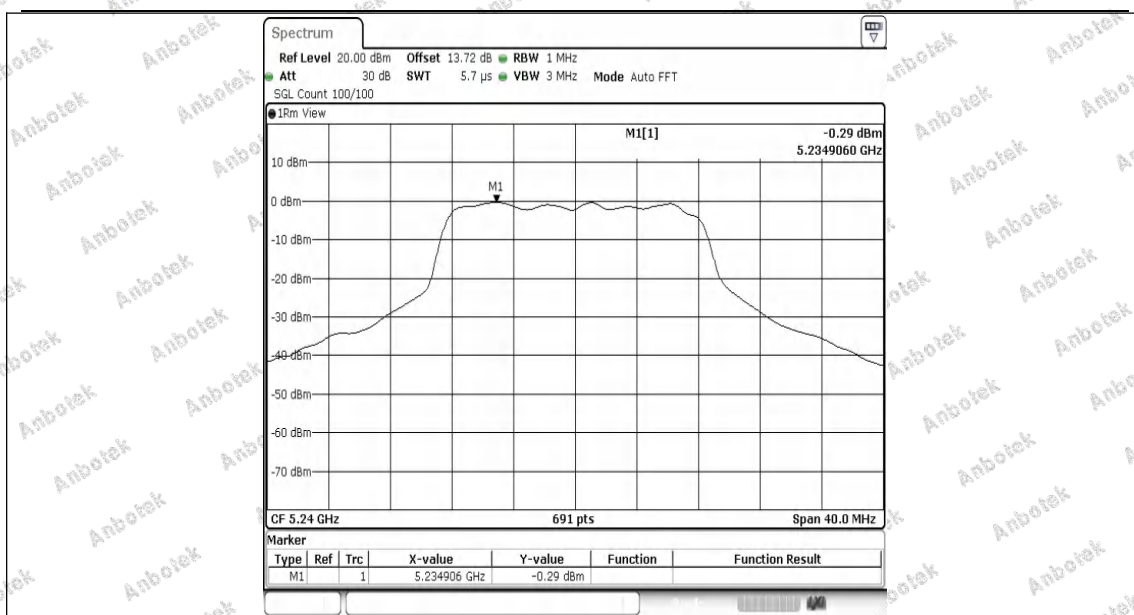
11AC40SISO	Ant1	5755	-5.85	1.25	-4.60	≤30.00	PASS
11AC40SISO	Ant1	5795	-6.08	1.25	-4.83	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.78	1.05	-4.73	≤30.00	PASS
11AX20SISO	Ant1	5785	-5.50	1.05	-4.45	≤30.00	PASS
11AX20SISO	Ant1	5825	-5.03	1.05	-3.98	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.63	1.76	-6.87	≤30.00	PASS
11AX40SISO	Ant1	5795	-8.31	1.38	-6.93	≤30.00	PASS

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

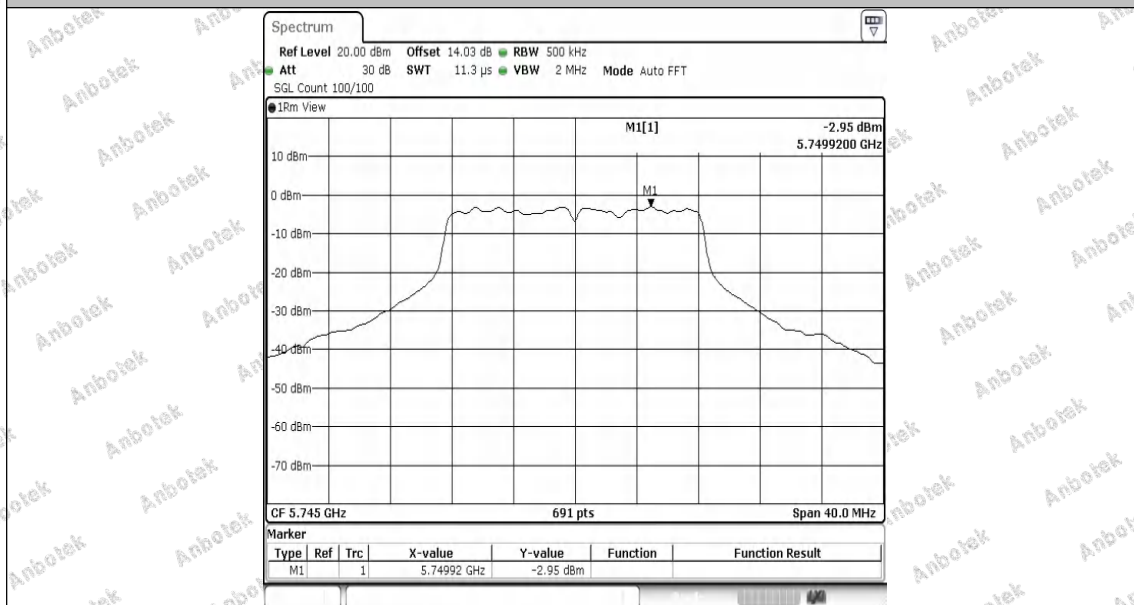


Test Graphs



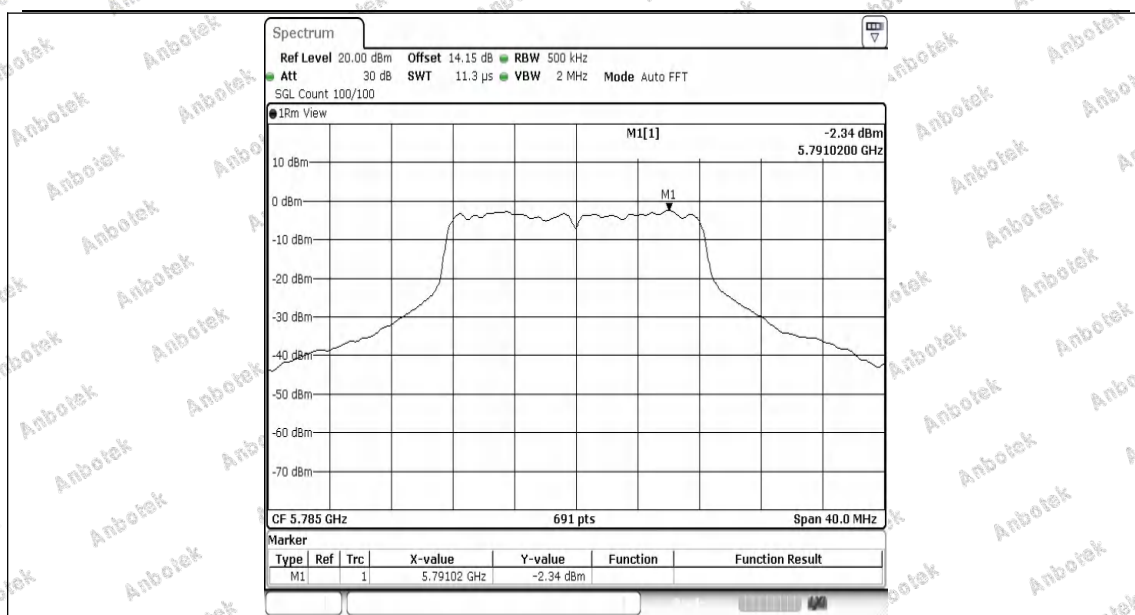


11A-Ant1-5240-PASS

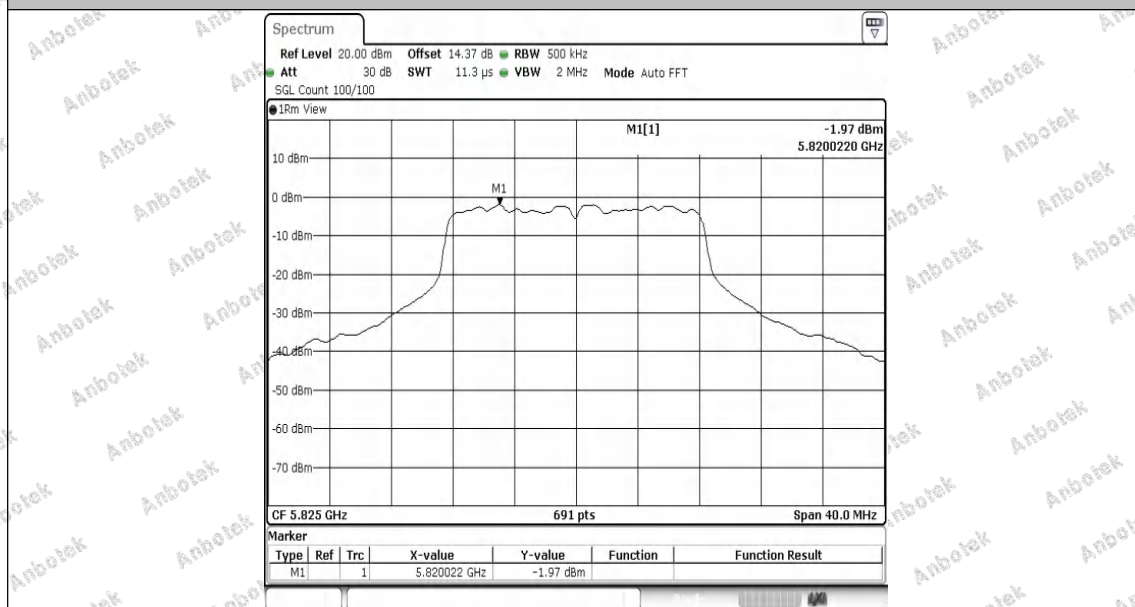


11A-Ant1-5745-PASS



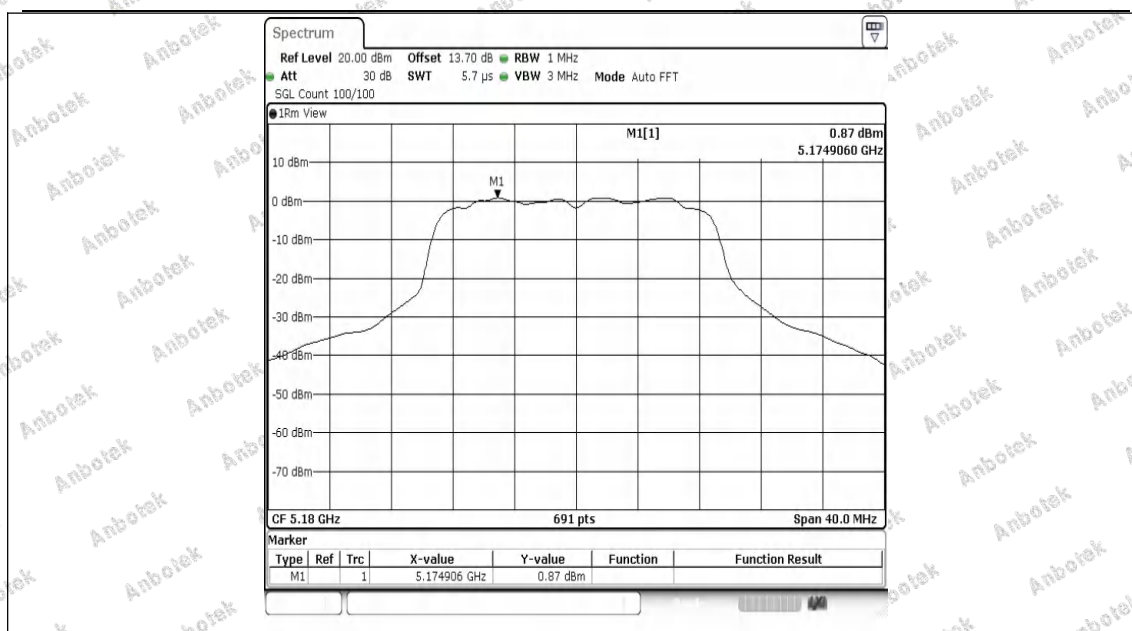


11A-Ant1-5785-PASS

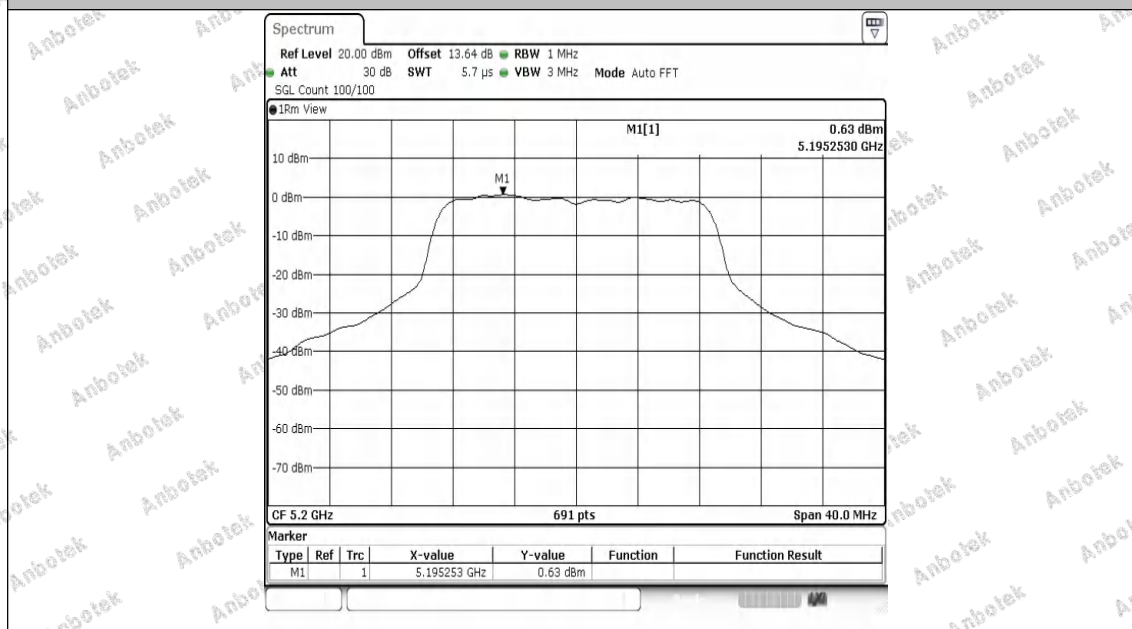


11A-Ant1-5825-PASS



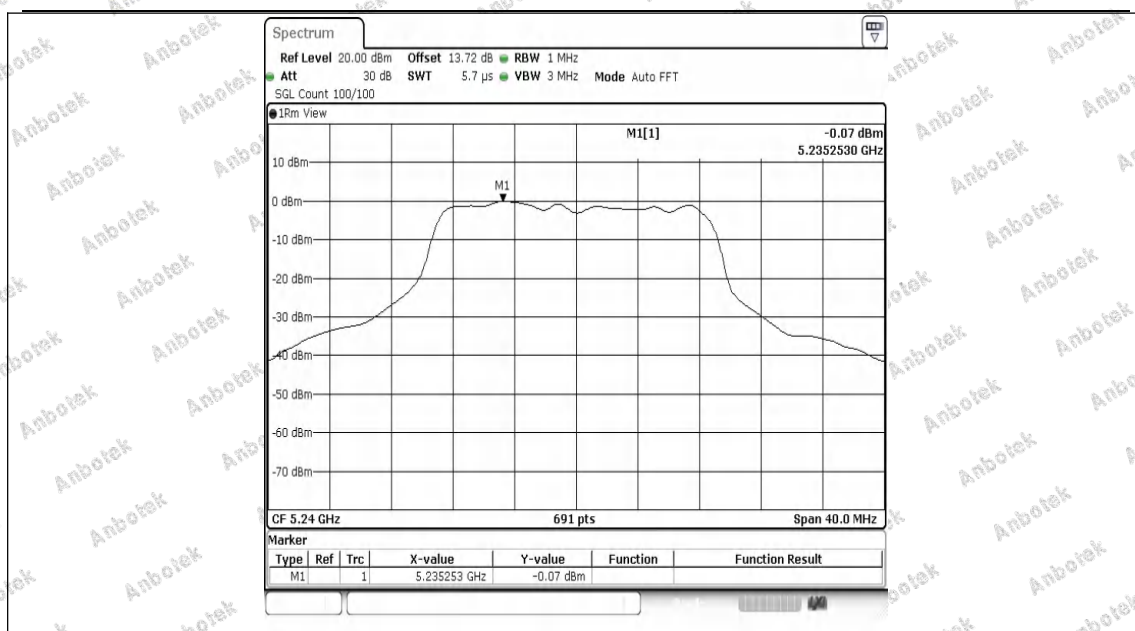


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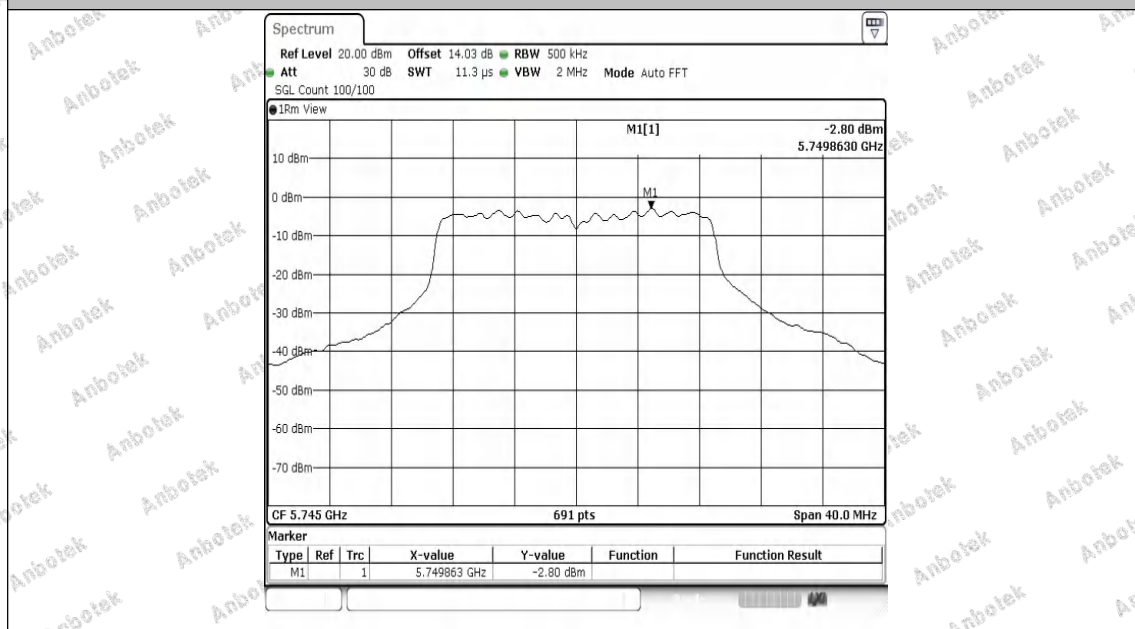


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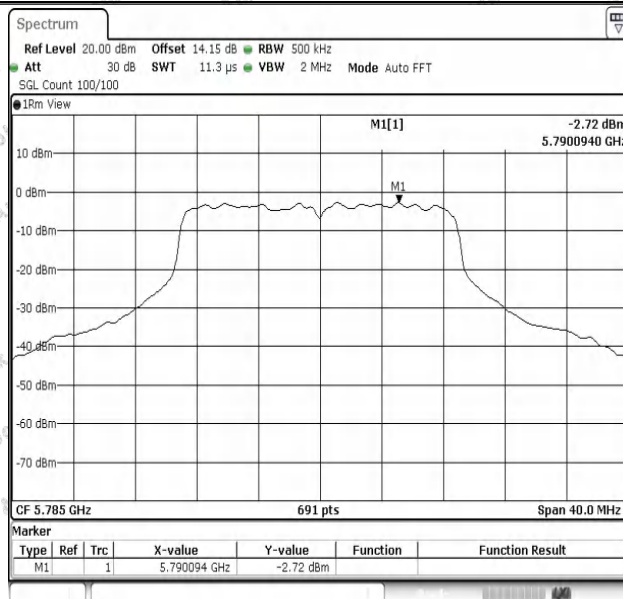


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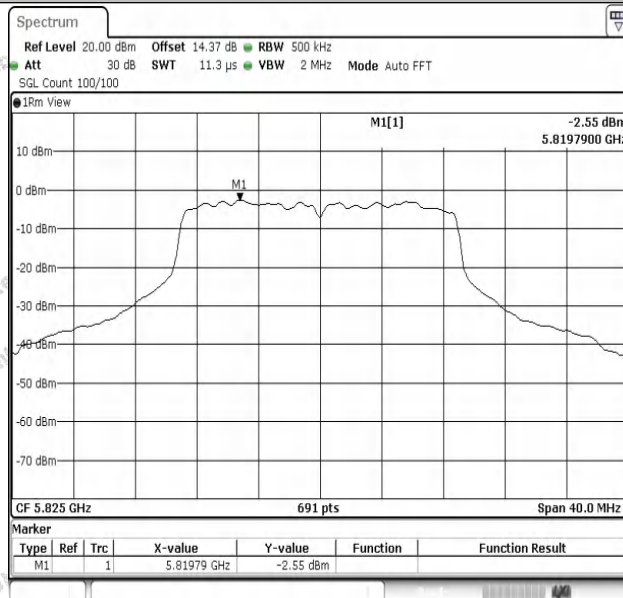


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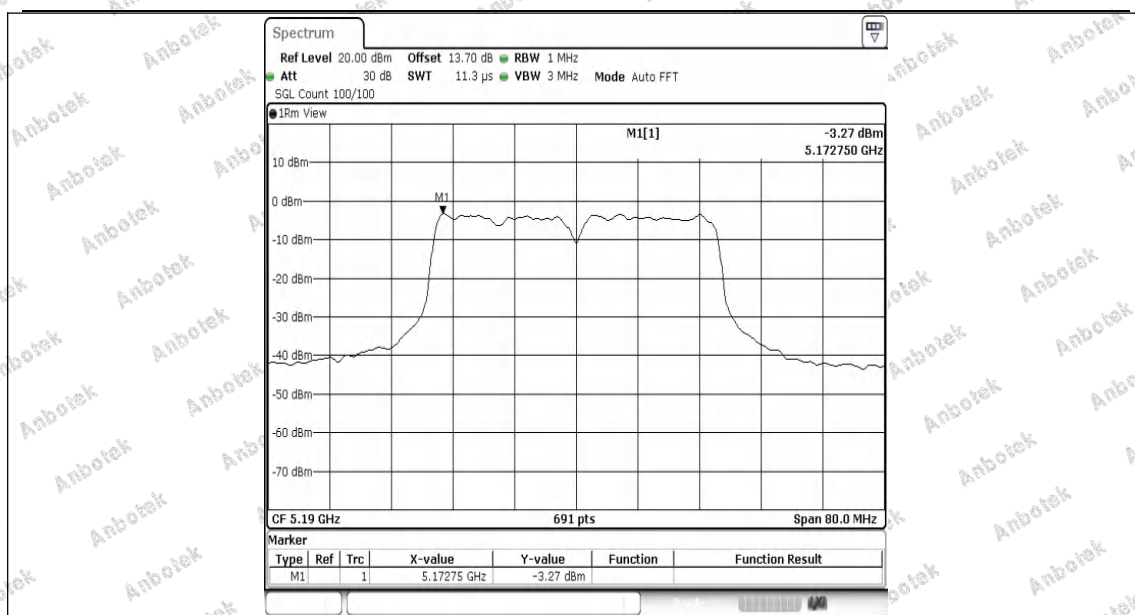


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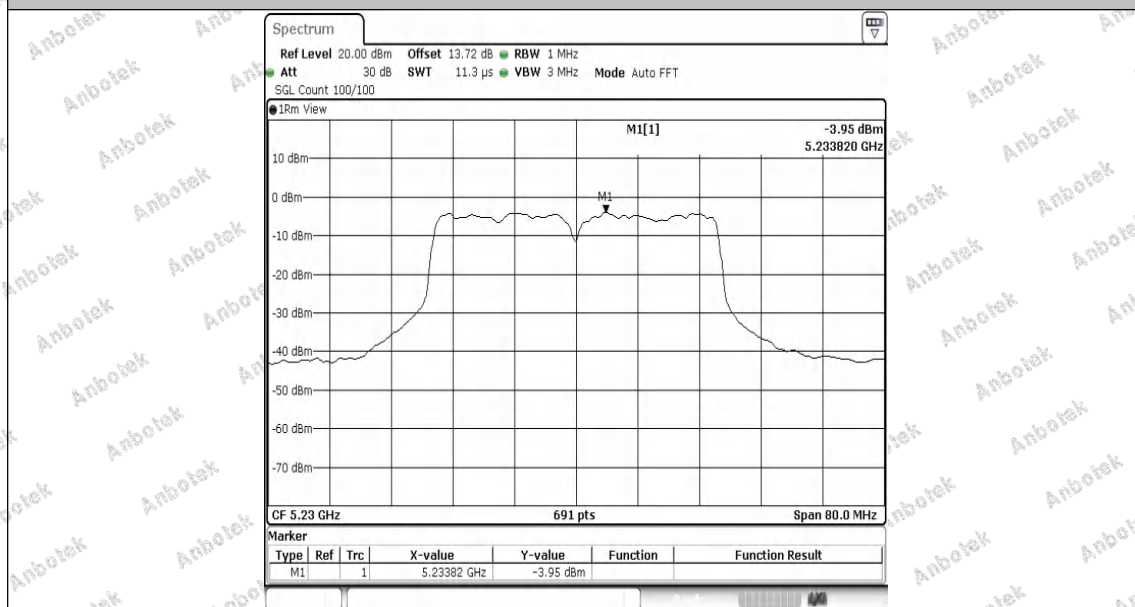


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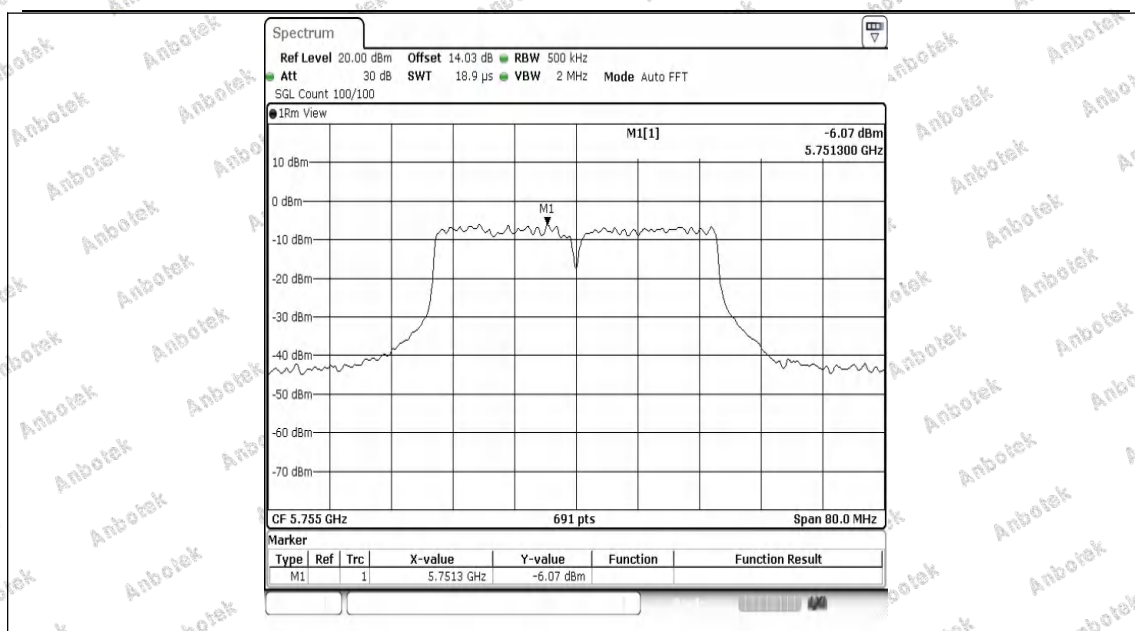


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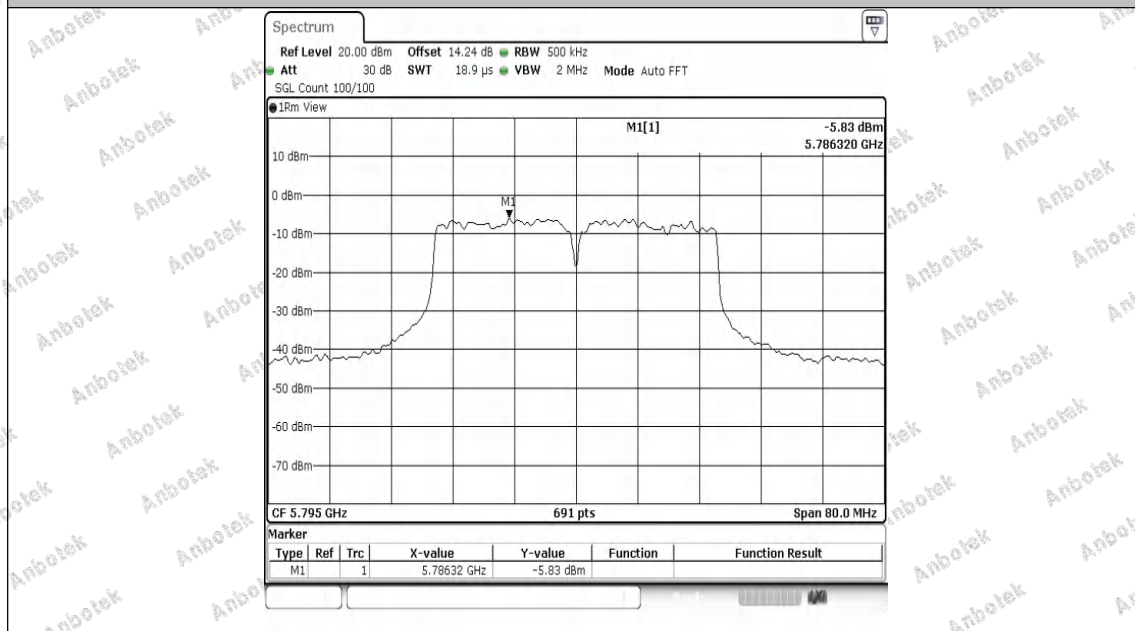


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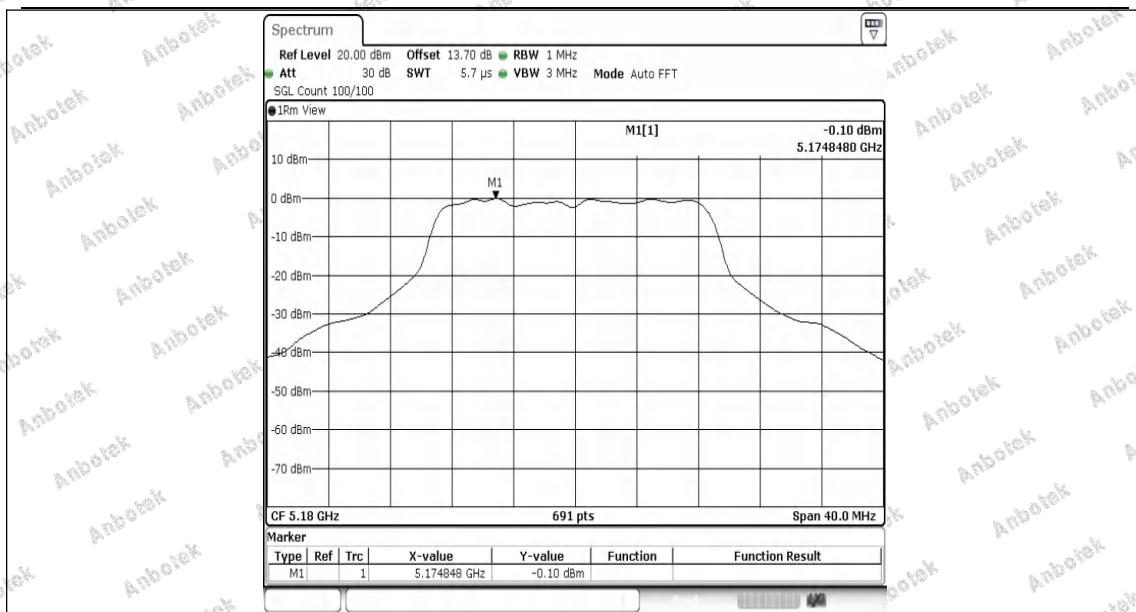


11N40SISO-Ant1-5755-PASS

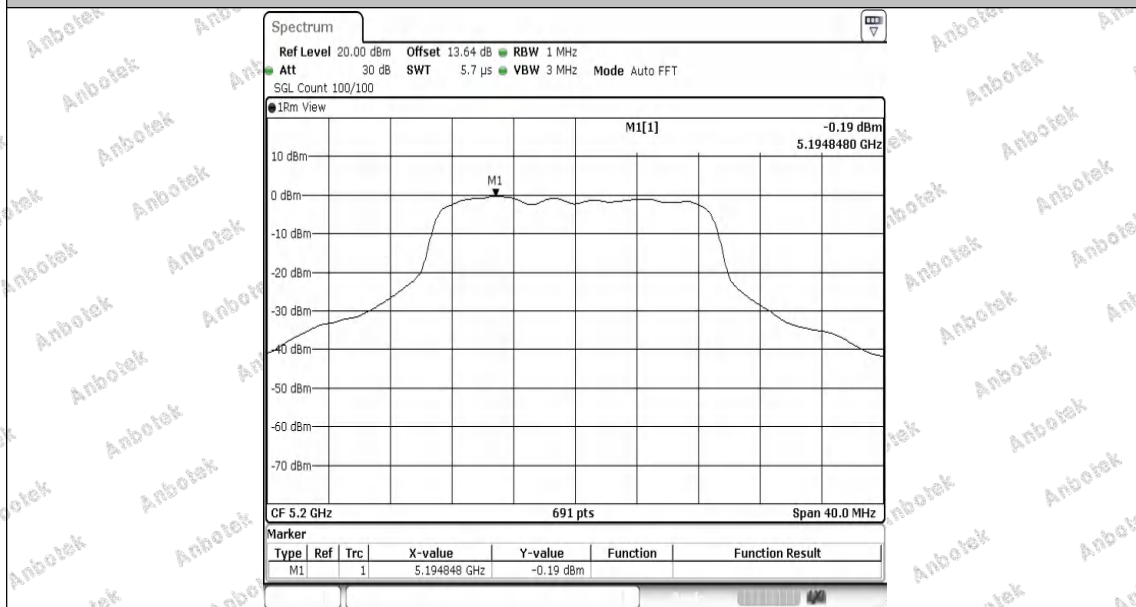


11N40SISO-Ant1-5795-PASS



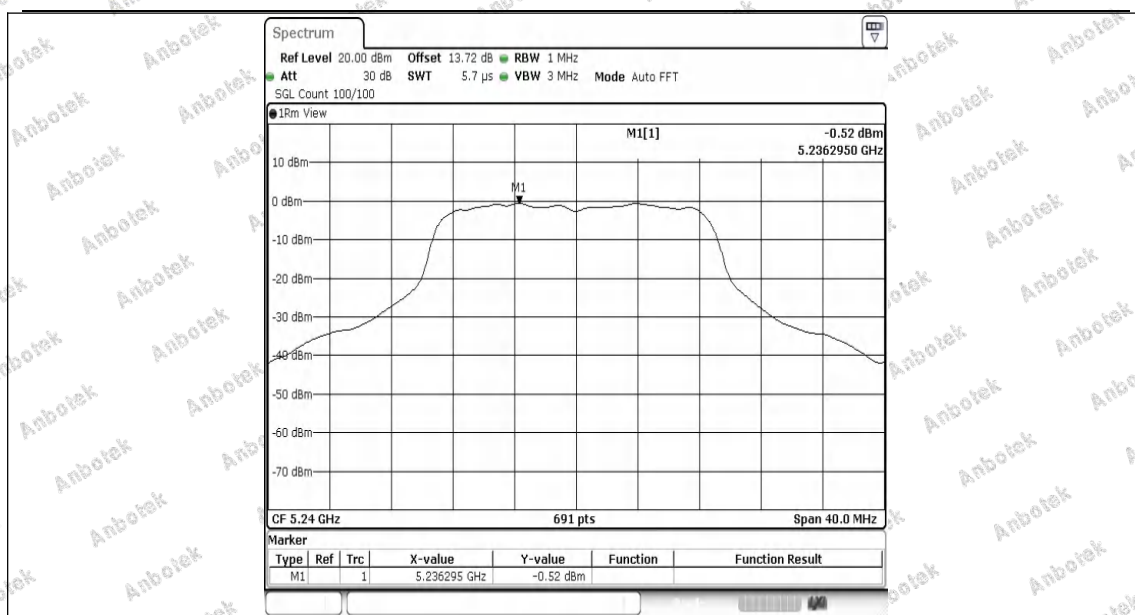


11AC20SISO-Ant1-5180-PASS

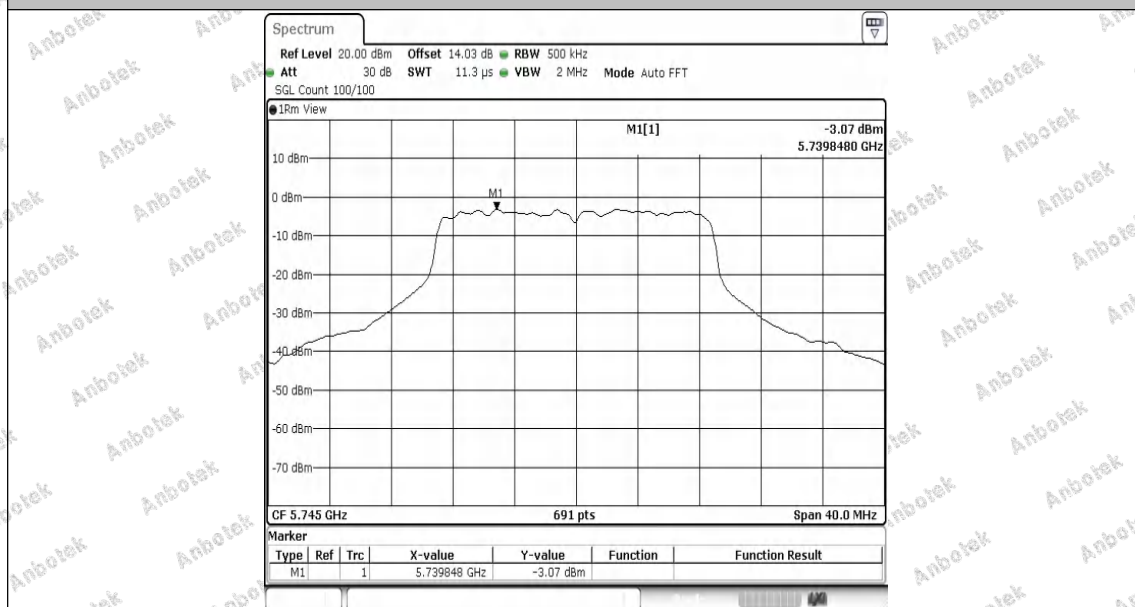


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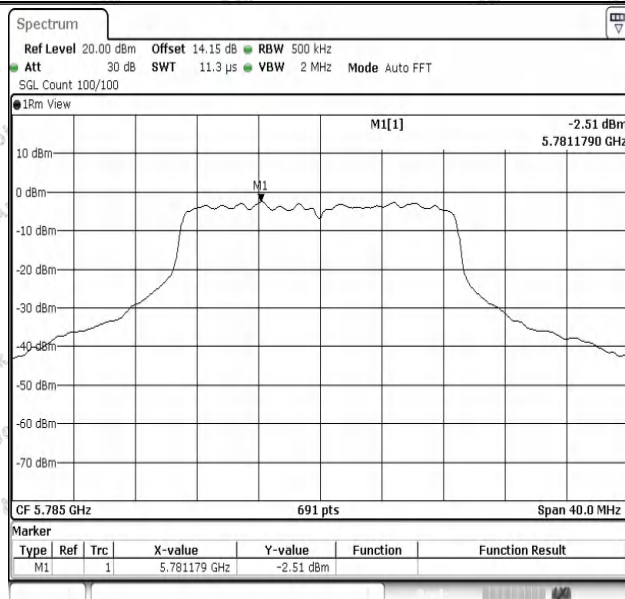


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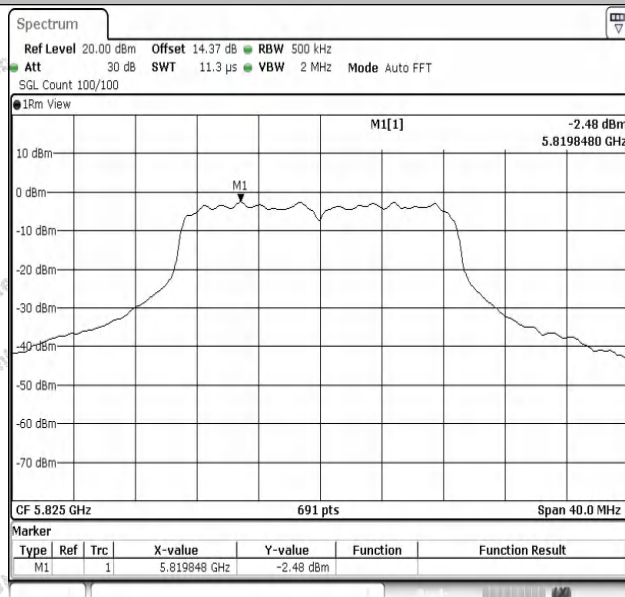


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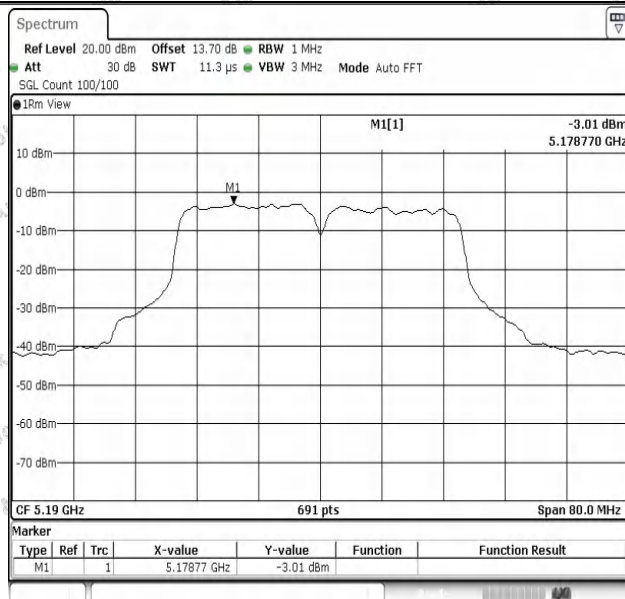


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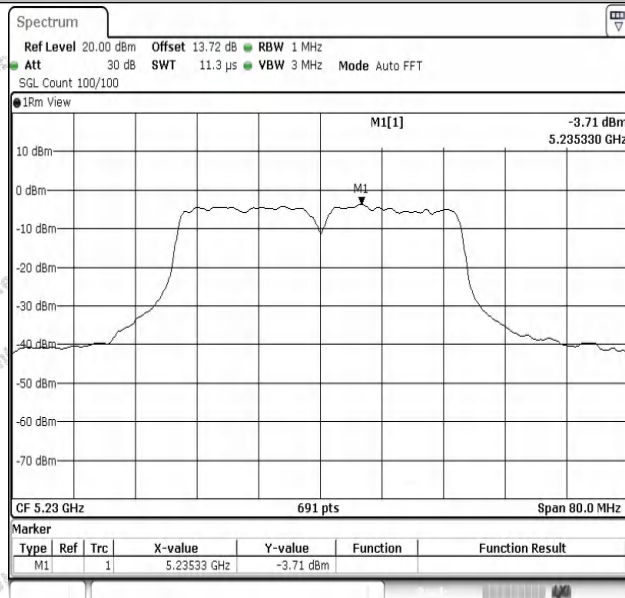


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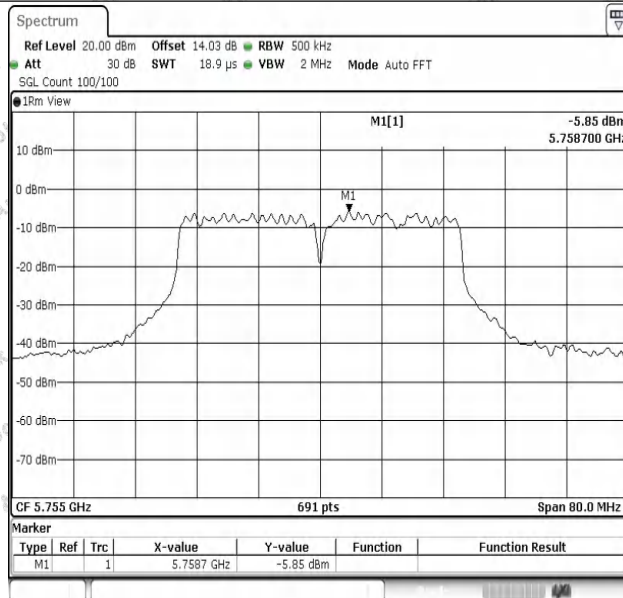


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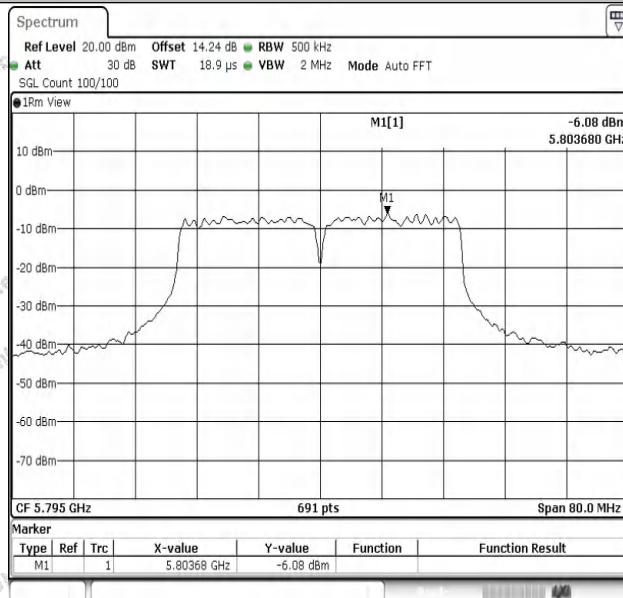


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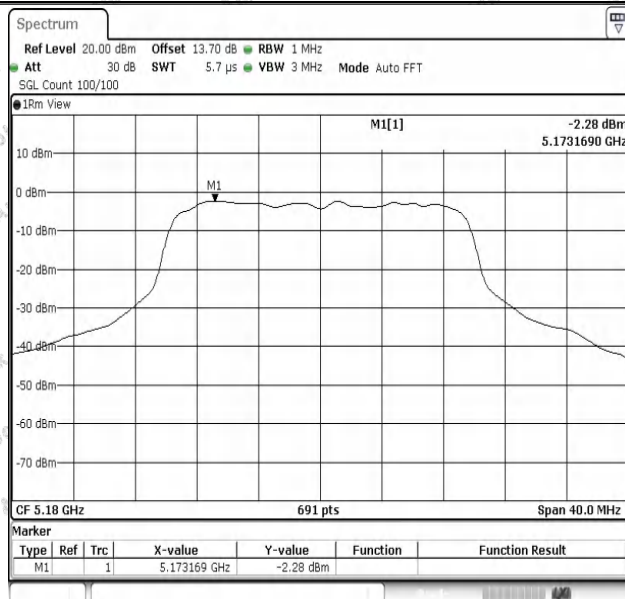


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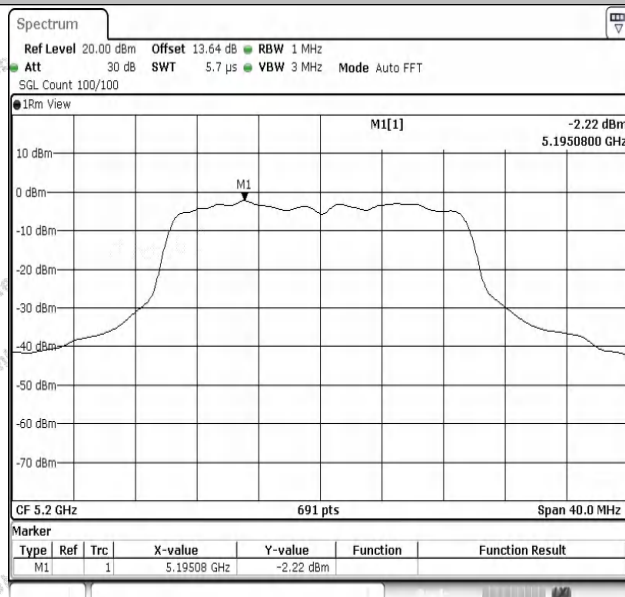


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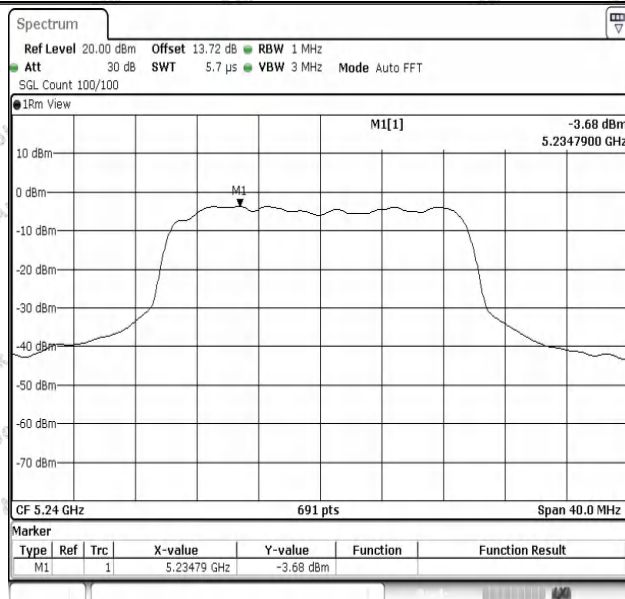


11AX20SISO-Ant1-5180-PASS

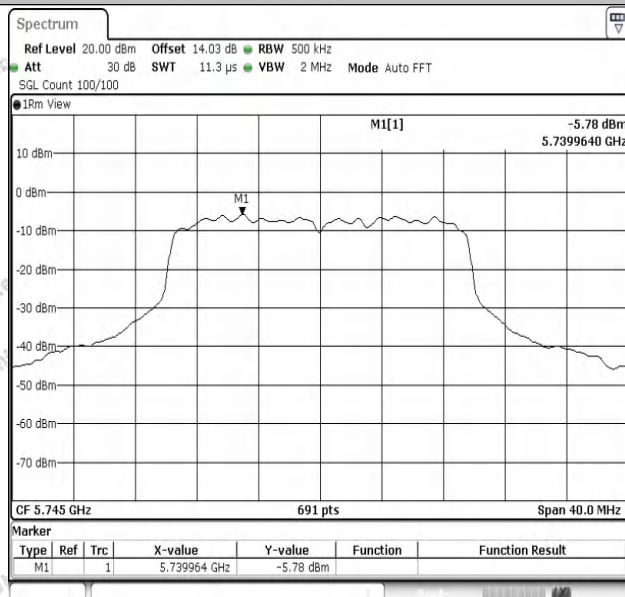


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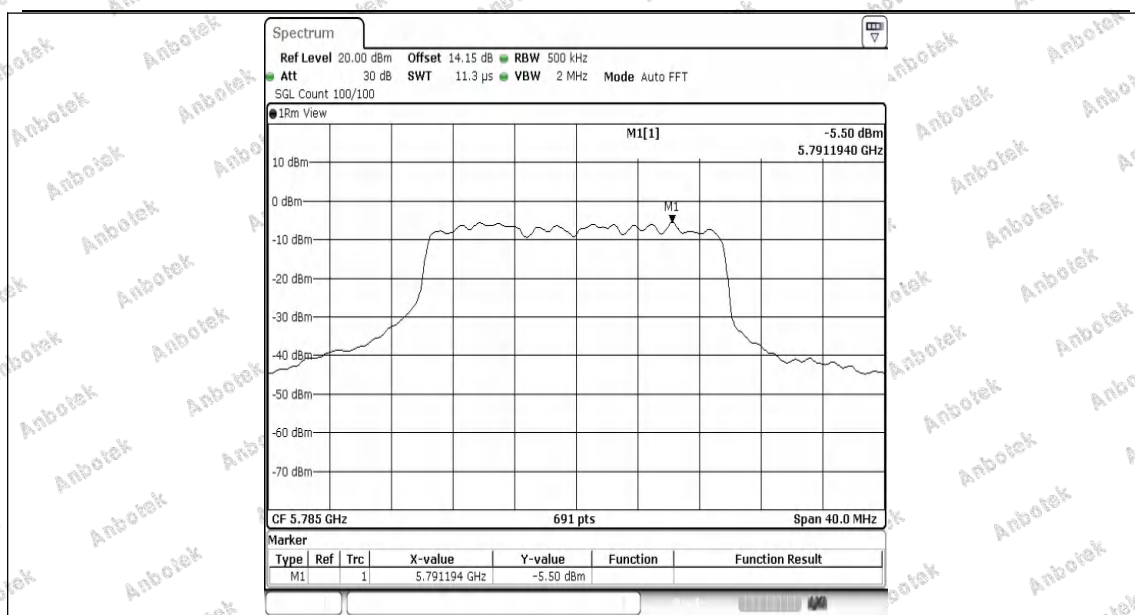


11AX20SISO-Ant1-5240-PASS

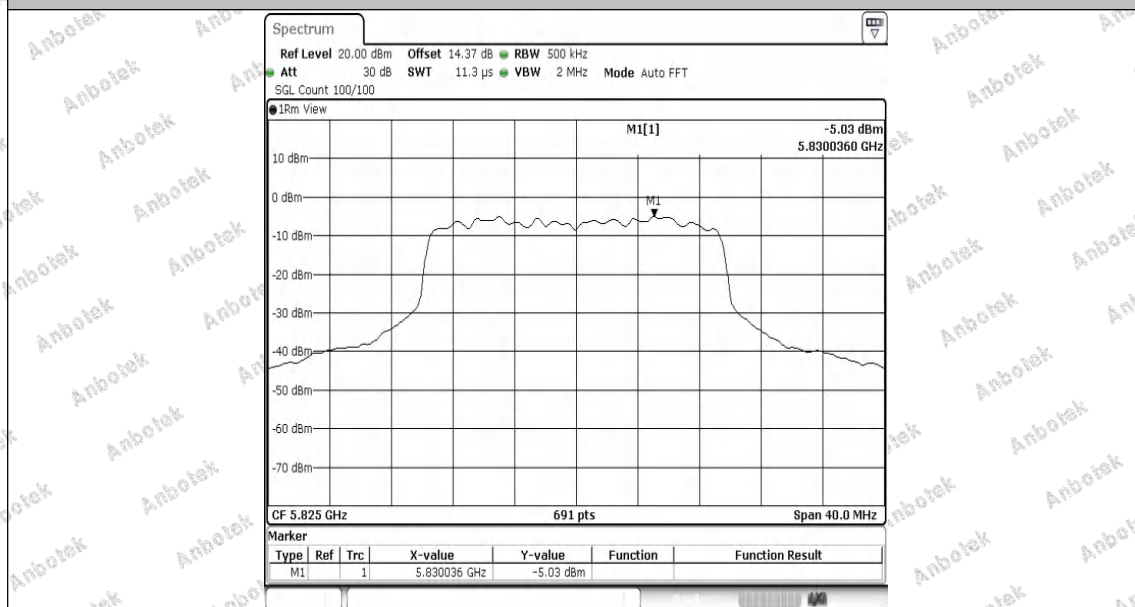


11AX20SISO-Ant1-5745-PASS



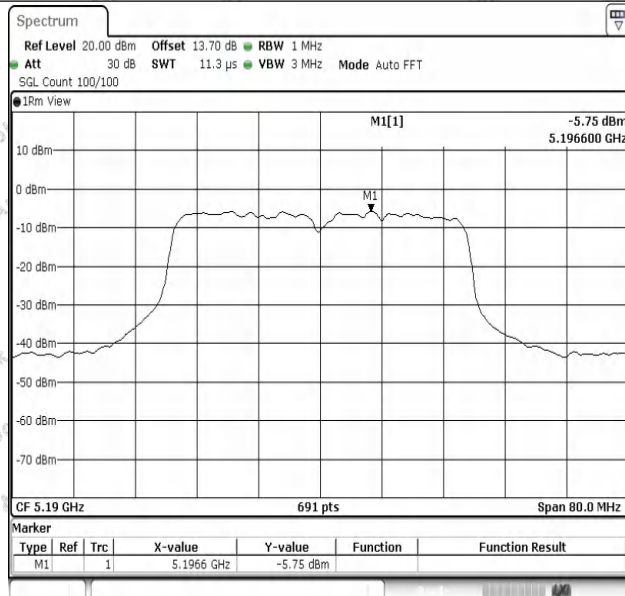


11AX20SISO-Ant1-5785-PASS

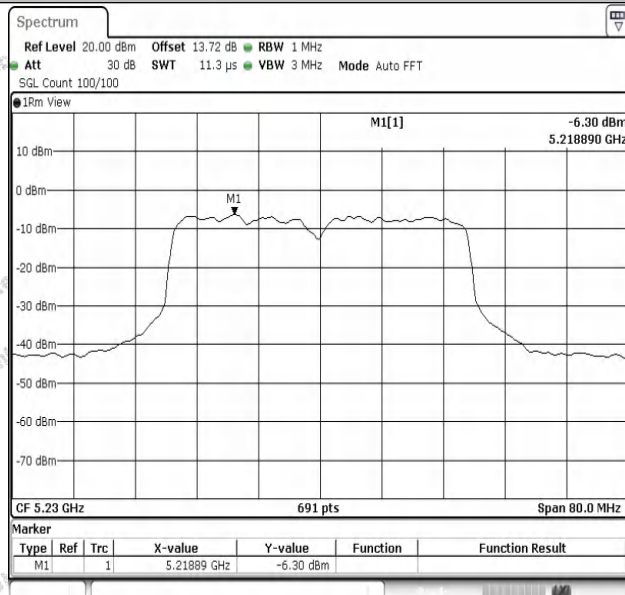


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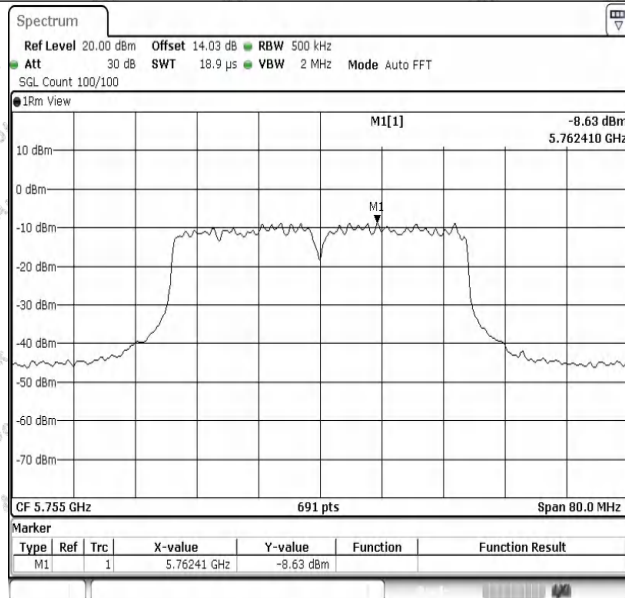


11AX40SISO-Ant1-5190-PASS

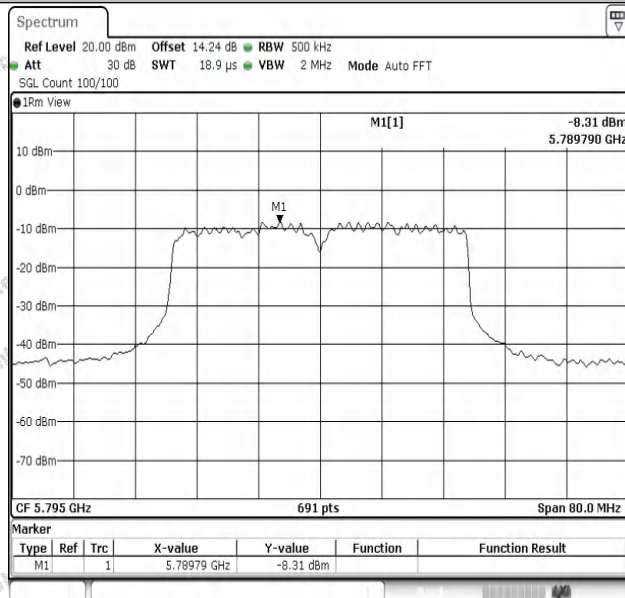


11AX40SISO-Ant1-5230-PASS





11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS



Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-39.27	≤-27	PASS
11A	Ant1	High	5240	-44.04	≤-27	PASS
11N20SISO	Ant1	Low	5180	-39.21	≤-27	PASS
11N20SISO	Ant1	High	5240	-45.32	≤-27	PASS
11N40SISO	Ant1	Low	5190	-34.21	≤-27	PASS
11N40SISO	Ant1	High	5230	-45.07	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-38.97	≤-27	PASS
11AC20SISO	Ant1	High	5240	-45.88	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-30.89	≤-27	PASS
11AC40SISO	Ant1	High	5230	-44.05	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-39.85	≤-27	PASS
11AX20SISO	Ant1	High	5240	-47.1	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-38.32	≤-27	PASS
11AX40SISO	Ant1	High	5230	-46.49	≤-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	-29.04	≤22.44	PASS
11A	Ant1	Low	5745	5700~5720	-37.63	≤15.60	PASS
11A	Ant1	Low	5745	5650~5700	-46.83	≤-26.88	PASS
11A	Ant1	Low	5745	5760~5650	-44	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-40.78	≤16.99	PASS
11A	Ant1	High	5825	5855~5875	-46.39	≤11.55	PASS
11A	Ant1	High	5825	5875~5925	-44.03	≤-26.58	PASS
11A	Ant1	High	5825	5925~5935	-42.38	≤-27	PASS
11N20SISO	Ant1	Low	5745	5720~5725	-35.97	≤15.98	PASS
11N20SISO	Ant1	Low	5745	5700~5720	-35.74	≤15.51	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-48.47	≤-26.88	PASS
11N20SISO	Ant1	Low	5745	5760~5650	-44.2	≤-27	PASS
11N20SISO	Ant1	High	5825	5850~5855	-38.2	≤15.65	PASS
11N20SISO	Ant1	High	5825	5855~5875	-38.32	≤15.44	PASS
11N20SISO	Ant1	High	5825	5875~5925	-45.11	≤-26.87	PASS
11N20SISO	Ant1	High	5825	5925~5935	-43.34	≤-27	PASS
11N40SISO	Ant1	Low	5755	5720~5725	-28.83	≤15.90	PASS
11N40SISO	Ant1	Low	5755	5700~5720	-33.02	≤11.36	PASS

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11N40SISO	Ant1	Low	5755	5650~5700	-46.67	≤-25.34	PASS
11N40SISO	Ant1	Low	5755	5780~5650	-46.88	≤-27	PASS
11N40SISO	Ant1	High	5795	5850~5855	-38.68	≤18.03	PASS
11N40SISO	Ant1	High	5795	5855~5875	-40.28	≤12.08	PASS
11N40SISO	Ant1	High	5795	5875~5925	-45.19	≤-26.08	PASS
11N40SISO	Ant1	High	5795	5925~5935	-45.41	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5720~5725	-33.41	≤15.98	PASS
11AC20SISO	Ant1	Low	5745	5700~5720	-33.59	≤15.60	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-47.84	≤-26.38	PASS
11AC20SISO	Ant1	Low	5745	5760~5650	-44.67	≤-27	PASS
11AC20SISO	Ant1	High	5825	5850~5855	-35.09	≤19.22	PASS
11AC20SISO	Ant1	High	5825	5855~5875	-39.97	≤15.55	PASS
11AC20SISO	Ant1	High	5825	5875~5925	-45.19	≤-26.87	PASS
11AC20SISO	Ant1	High	5825	5925~5935	-43.94	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5720~5725	-25.95	≤15.90	PASS
11AC40SISO	Ant1	Low	5755	5700~5720	-28.87	≤11.91	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-48.23	≤-26.65	PASS
11AC40SISO	Ant1	Low	5755	5780~5650	-46.26	≤-27	PASS
11AC40SISO	Ant1	High	5795	5850~5855	-35.67	≤19.12	PASS
11AC40SISO	Ant1	High	5795	5855~5875	-37.29	≤14.83	PASS
11AC40SISO	Ant1	High	5795	5875~5925	-46.3	≤-25.91	PASS
11AC40SISO	Ant1	High	5795	5925~5935	-45.96	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5720~5725	-43.31	≤16.36	PASS
11AX20SISO	Ant1	Low	5745	5700~5720	-47.57	≤12.10	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-47.65	≤-26.88	PASS
11AX20SISO	Ant1	Low	5745	5760~5650	-45.1	≤-27	PASS
11AX20SISO	Ant1	High	5825	5850~5855	-45.77	≤15.65	PASS
11AX20SISO	Ant1	High	5825	5855~5875	-48.23	≤10.89	PASS
11AX20SISO	Ant1	High	5825	5875~5925	-46.45	≤-26.87	PASS
11AX20SISO	Ant1	High	5825	5925~5935	-45.76	≤-27	PASS
11AX40SISO	Ant1	Low	5755	5720~5725	-40.23	≤16.34	PASS
11AX40SISO	Ant1	Low	5755	5700~5720	-39.62	≤14.98	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-48.21	≤-26.21	PASS
11AX40SISO	Ant1	Low	5755	5780~5650	-47.83	≤-27	PASS
11AX40SISO	Ant1	High	5795	5850~5855	-42.51	≤15.85	PASS
11AX40SISO	Ant1	High	5795	5855~5875	-45.64	≤11.35	PASS
11AX40SISO	Ant1	High	5795	5875~5925	-46.91	≤-26.61	PASS
11AX40SISO	Ant1	High	5795	5925~5935	-46.83	≤-27	PASS

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

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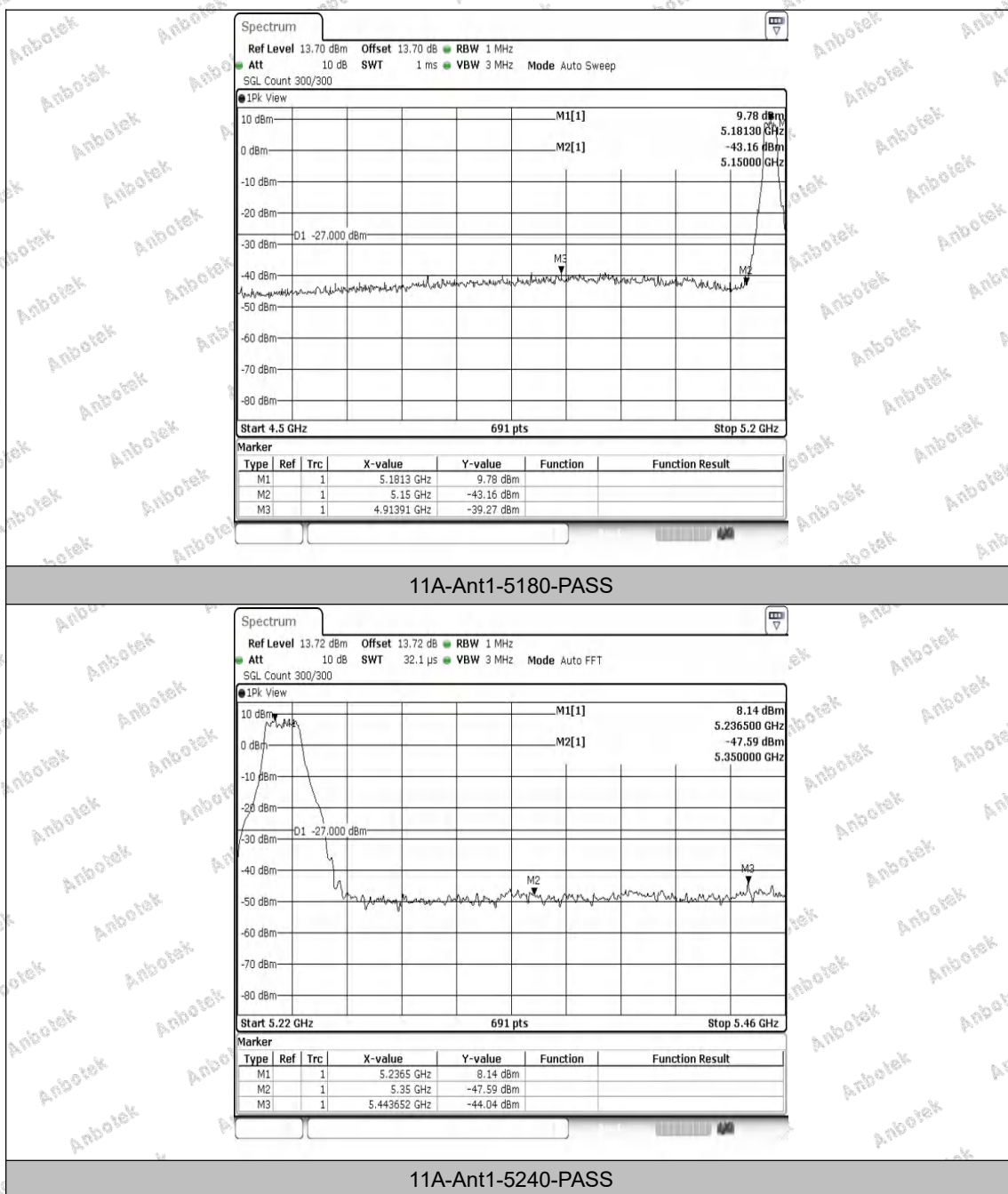


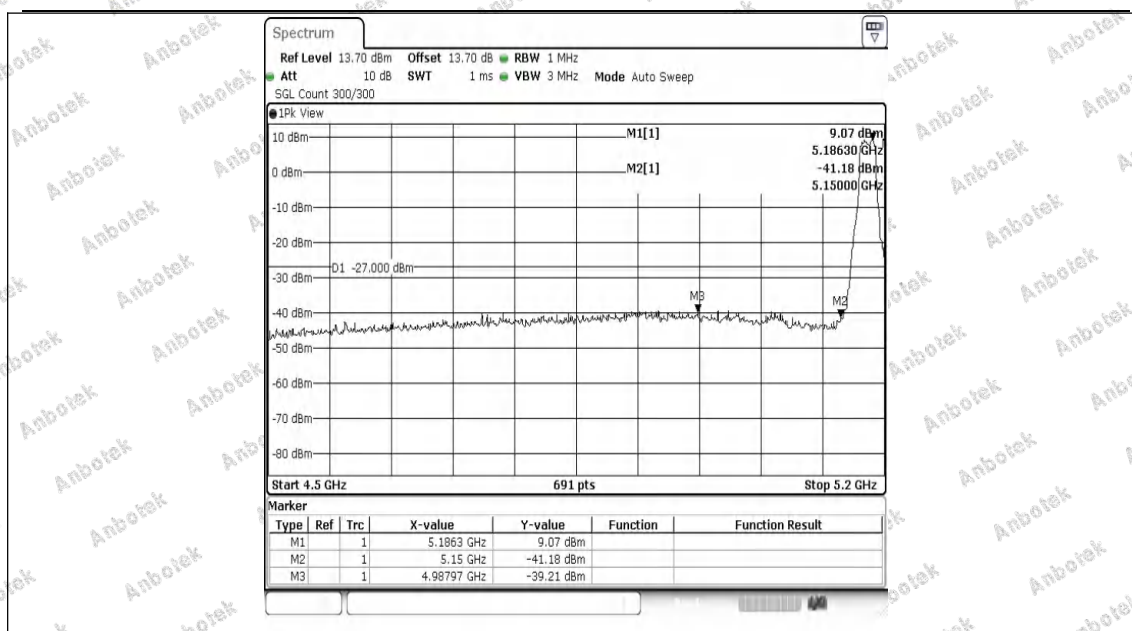
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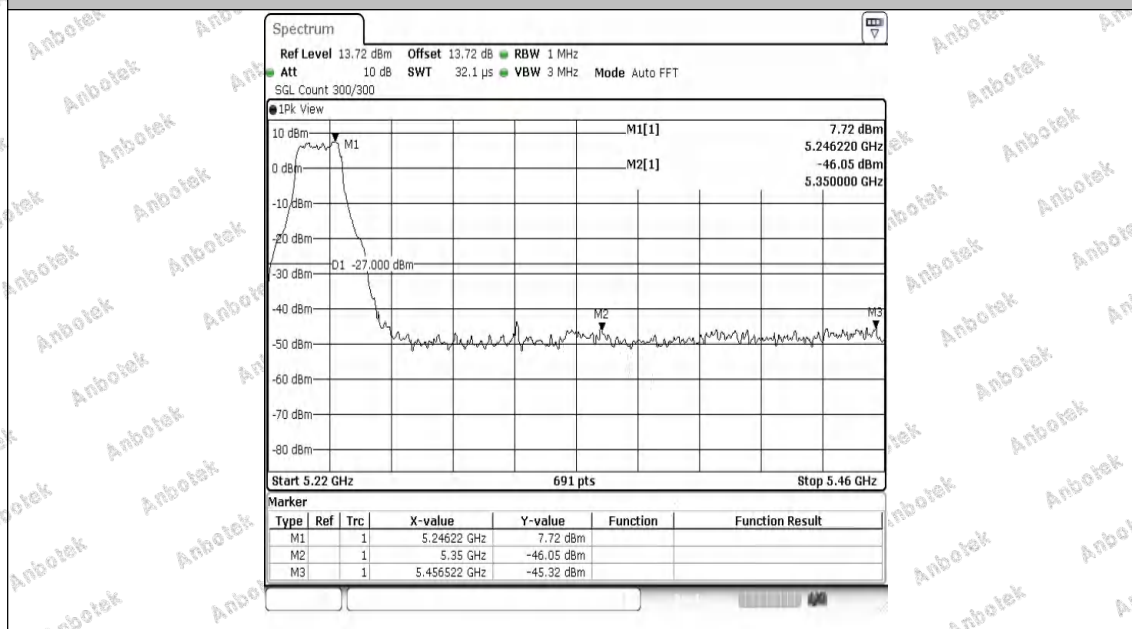


Test Graphs B1



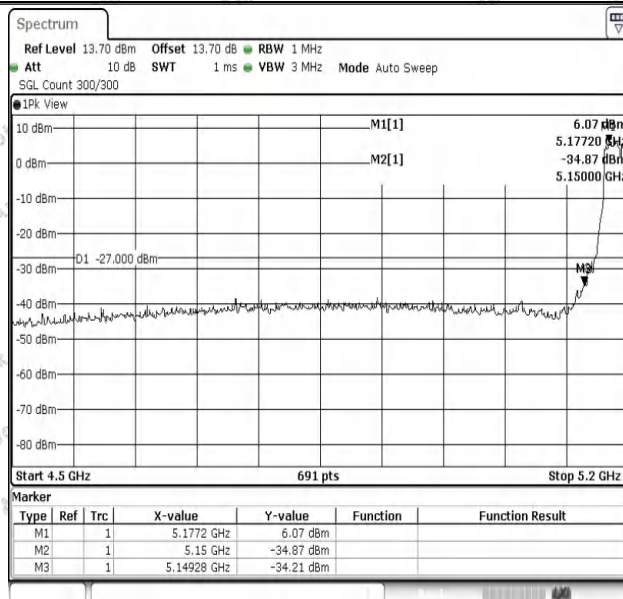


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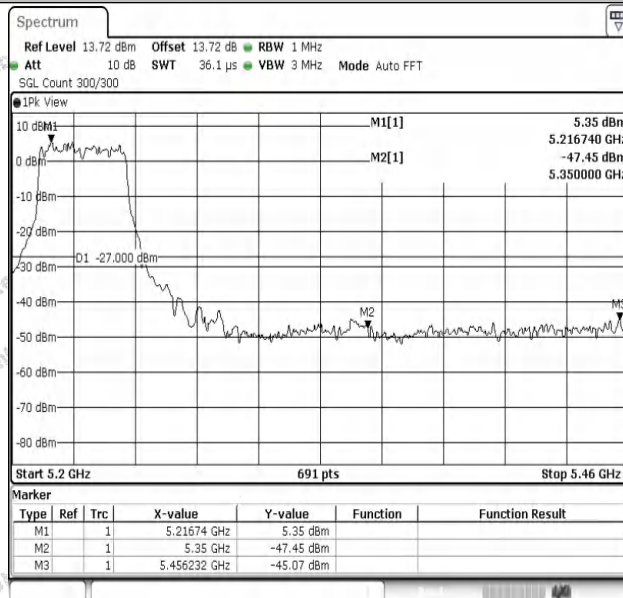


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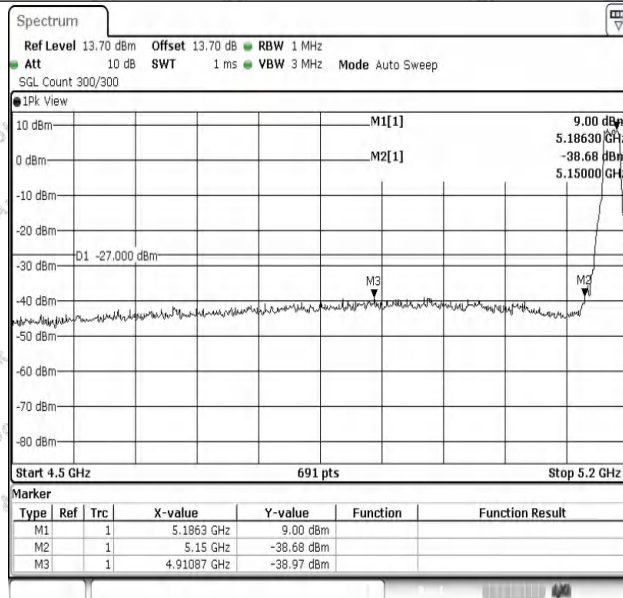


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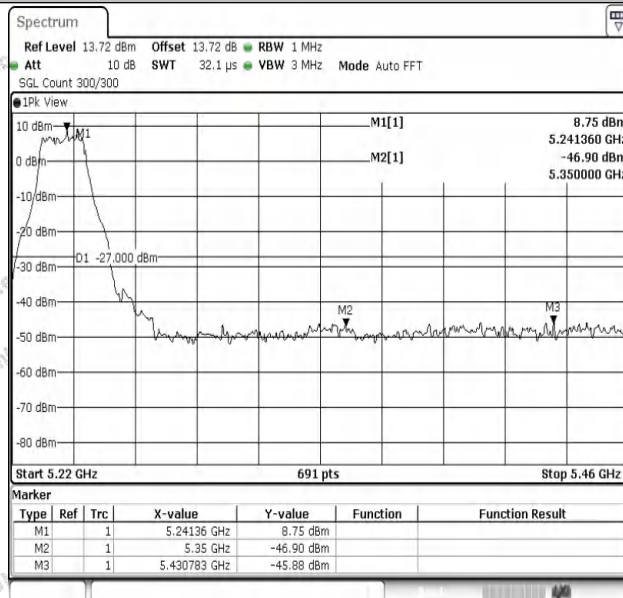


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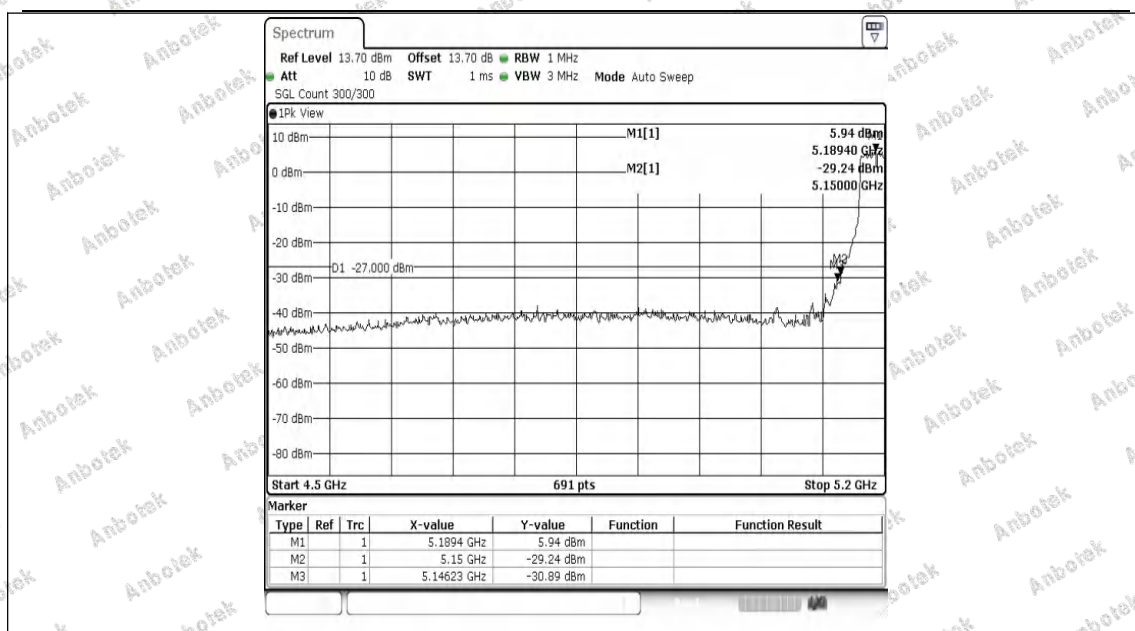


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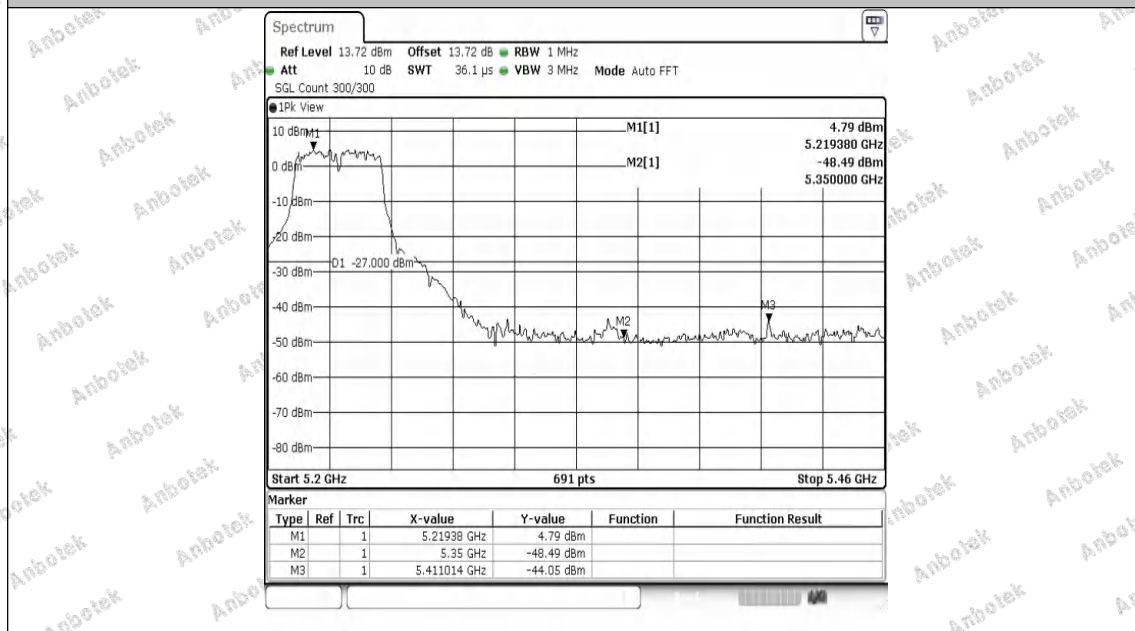


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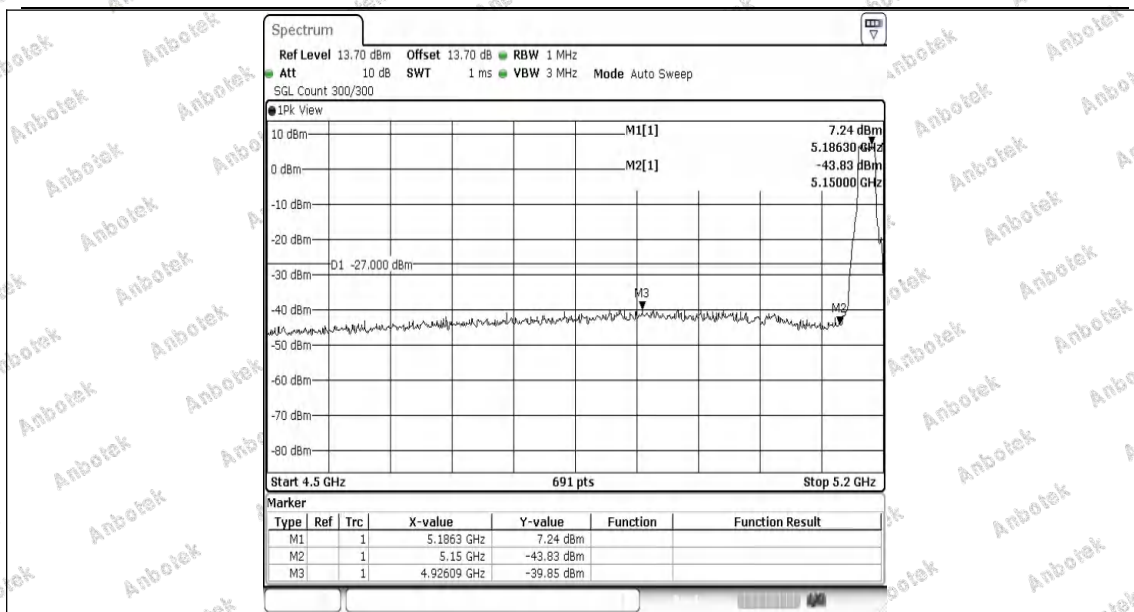


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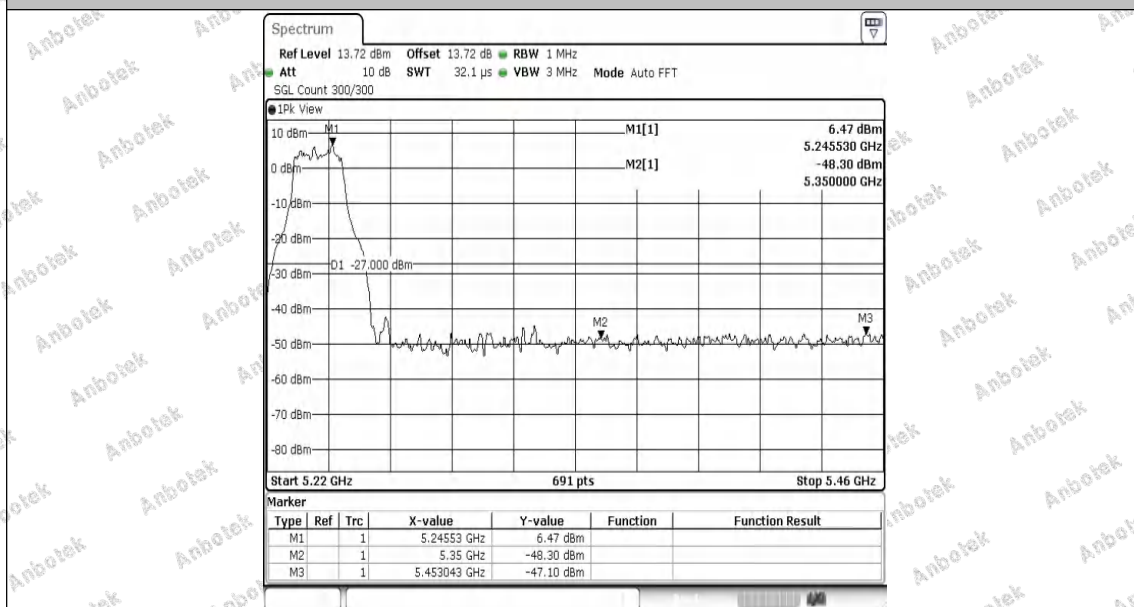


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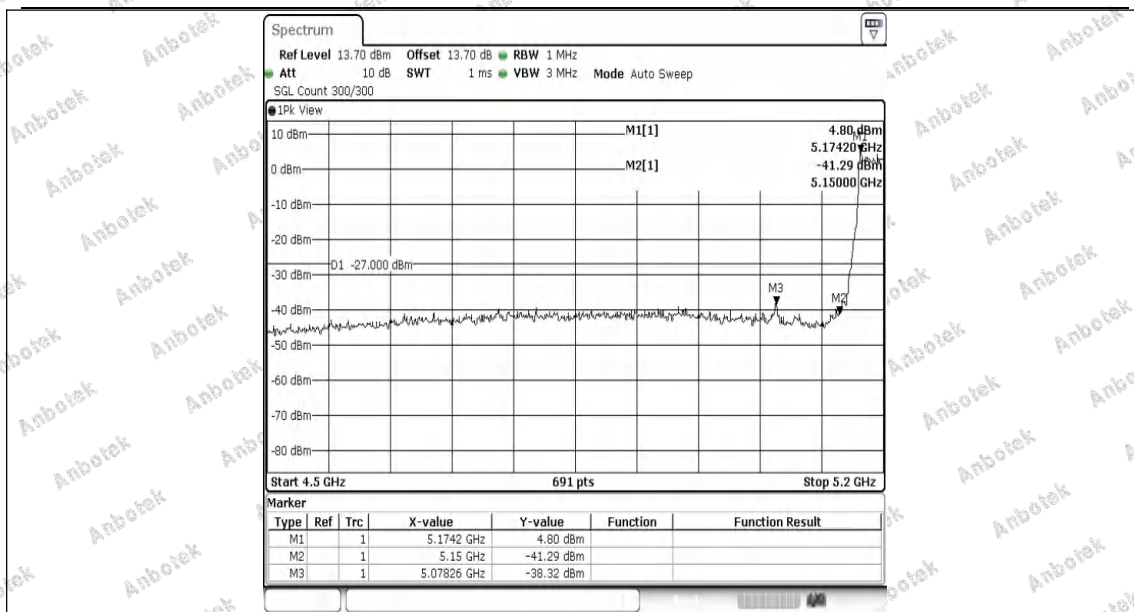


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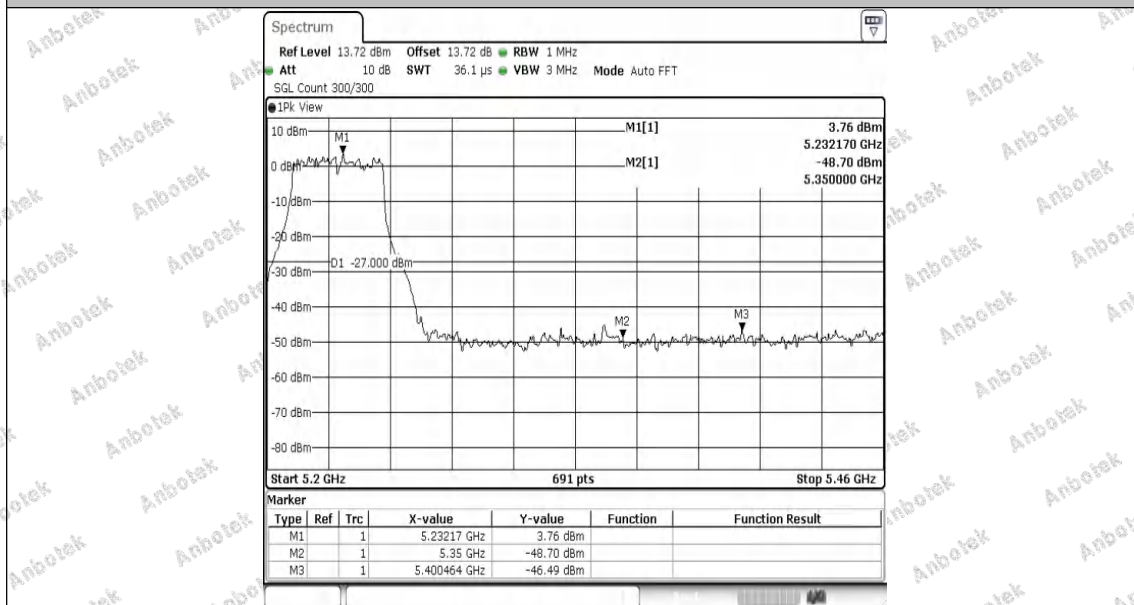


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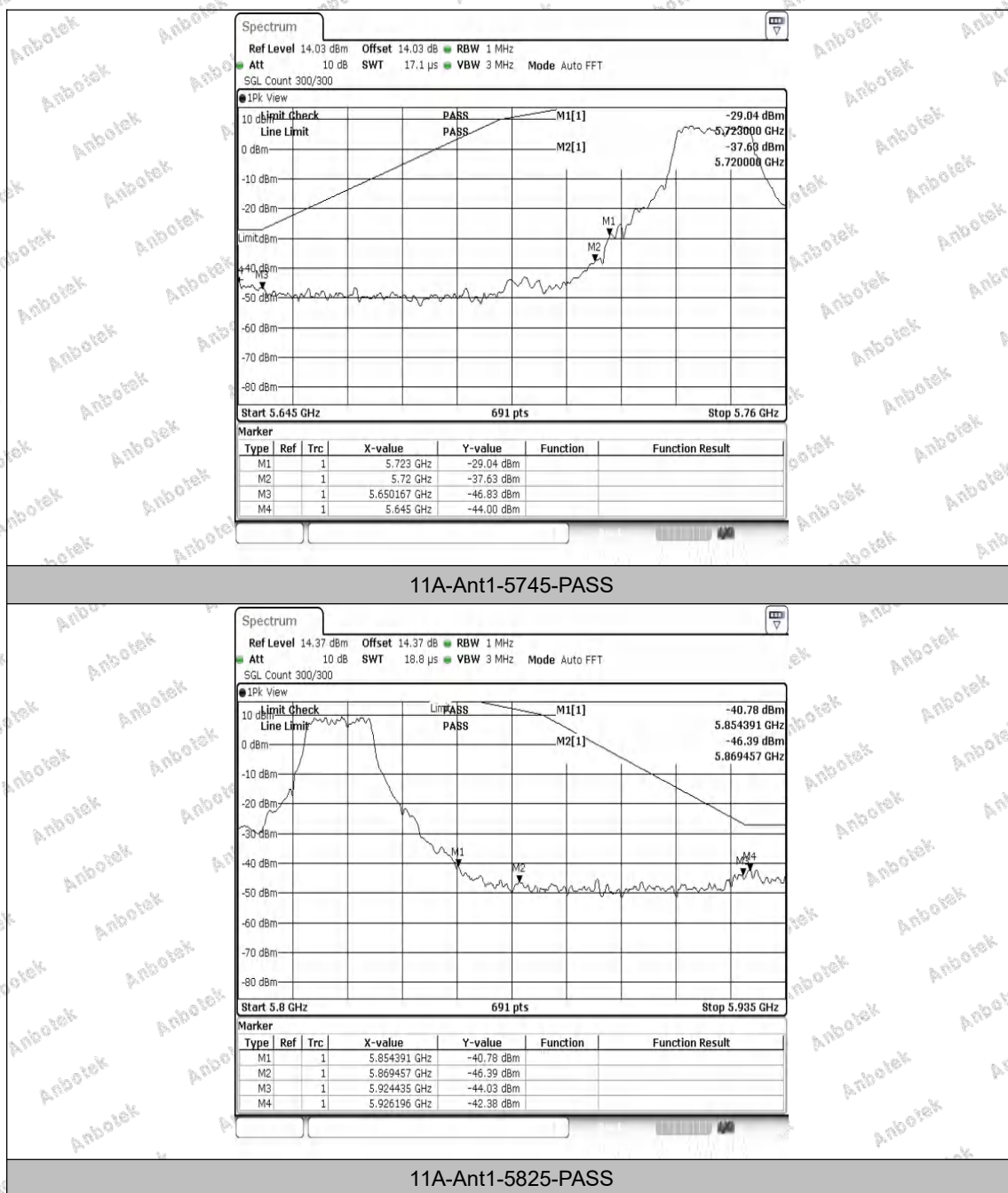
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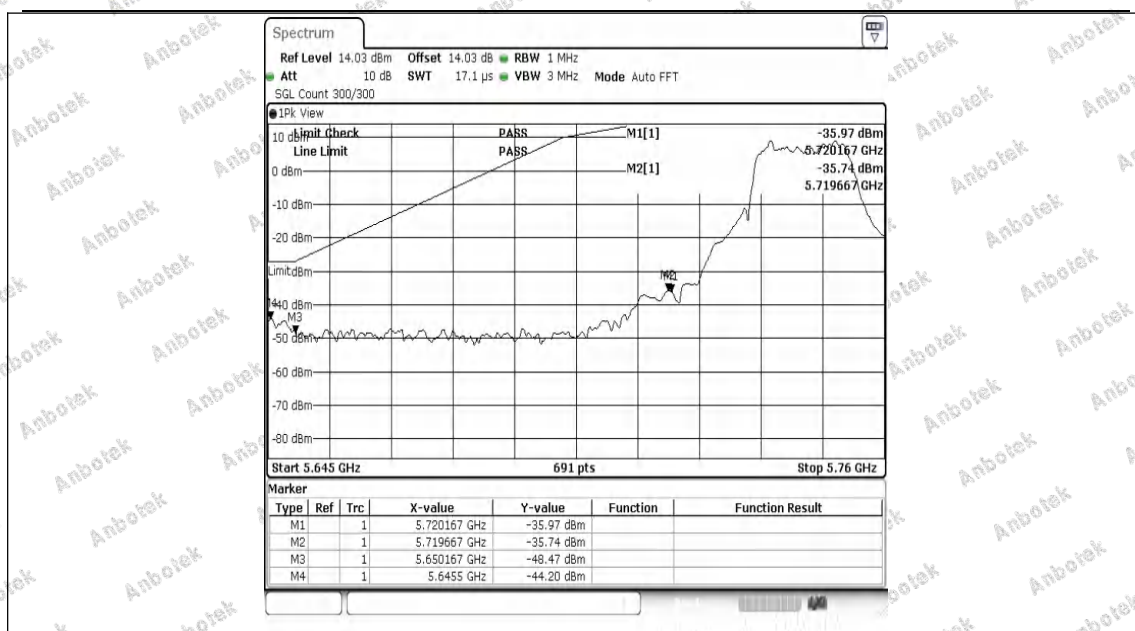


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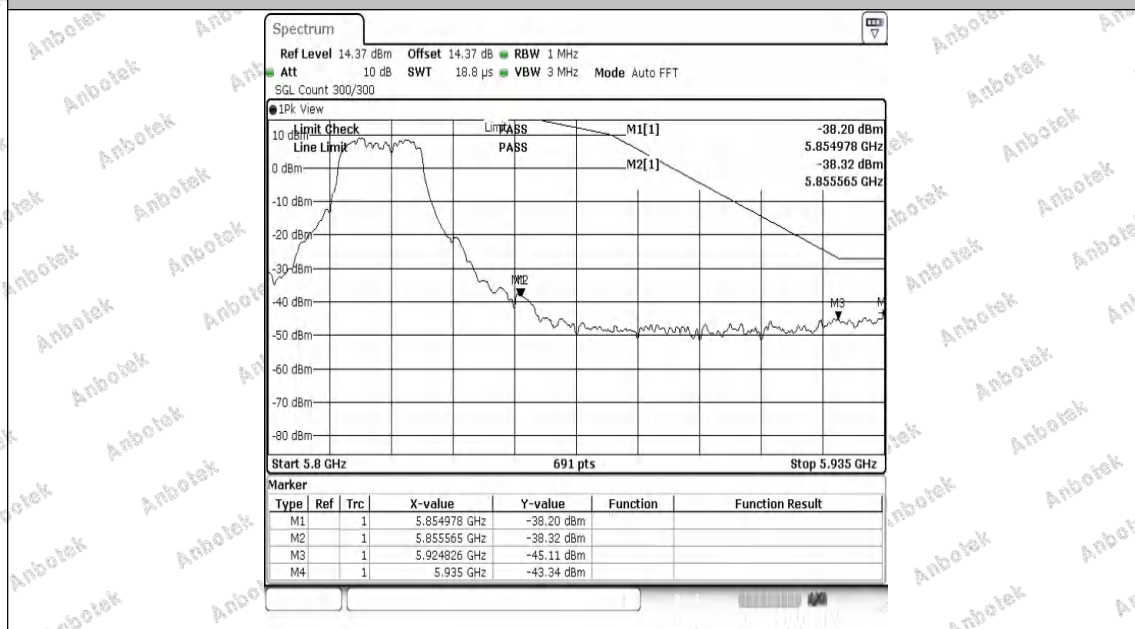


Test Graphs B4



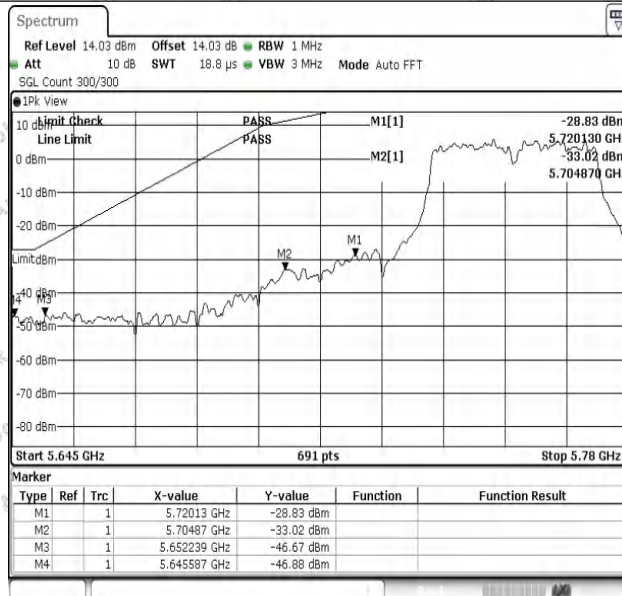


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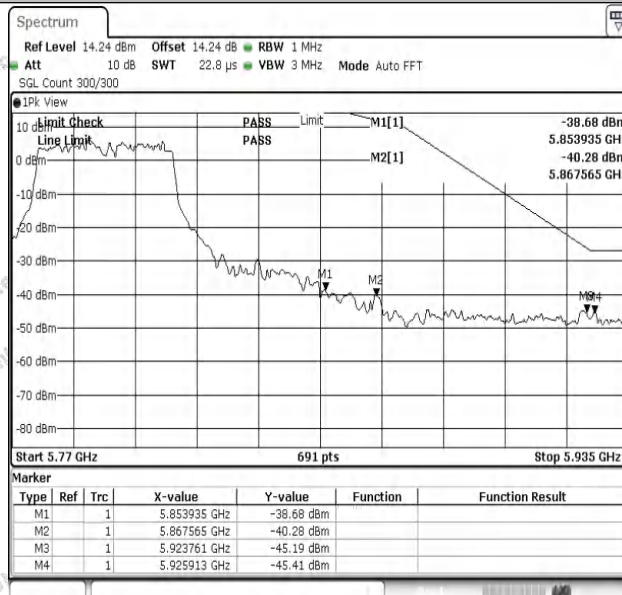


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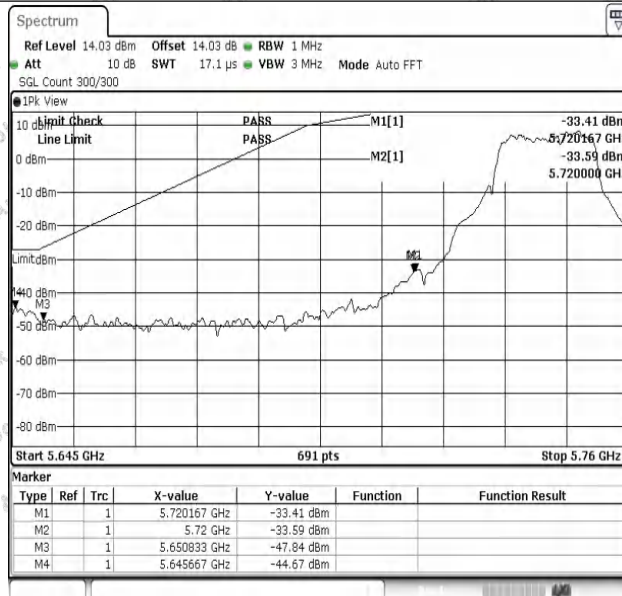


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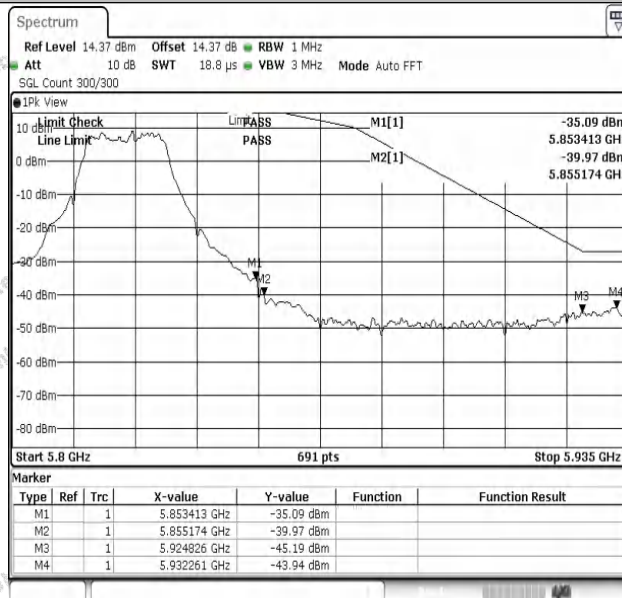


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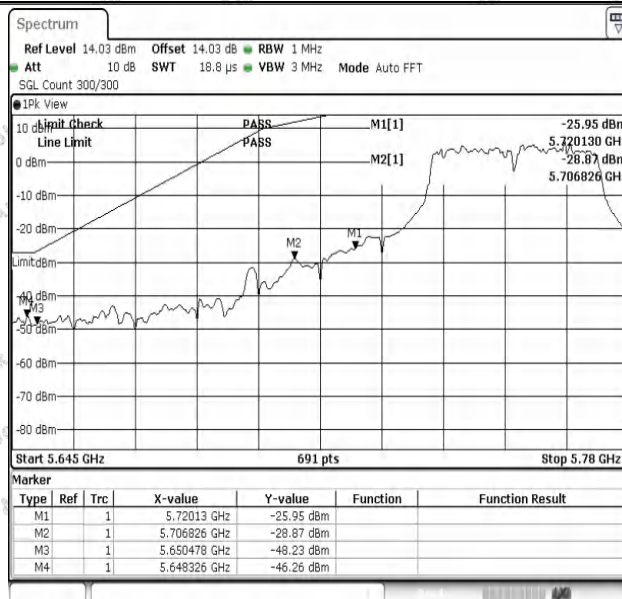


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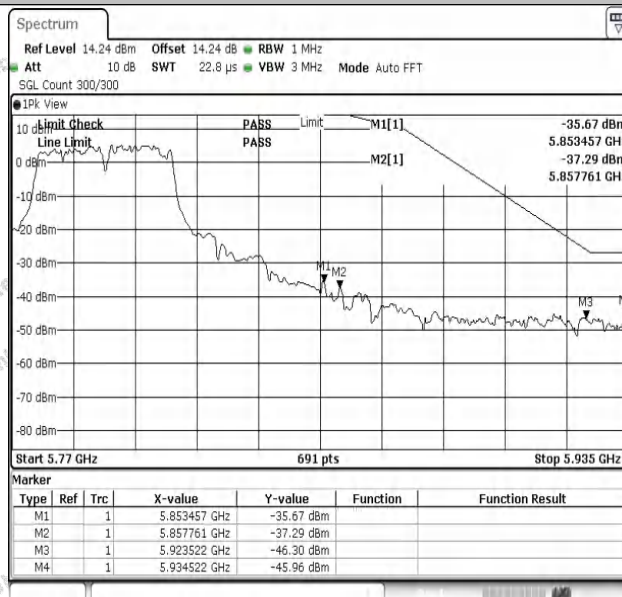


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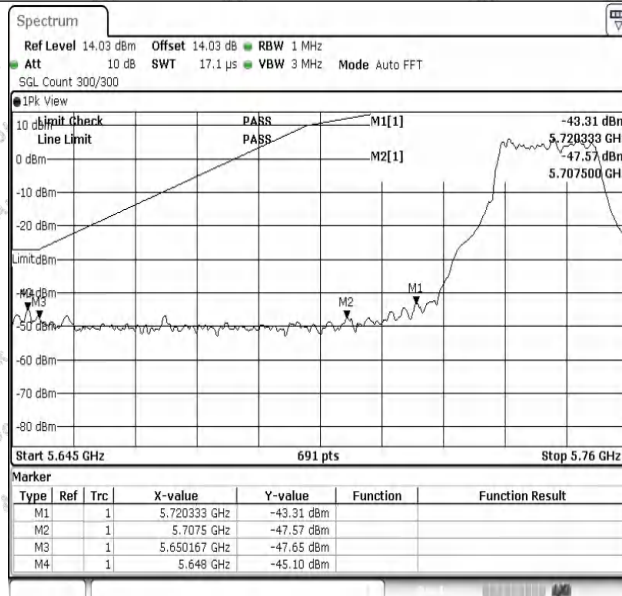


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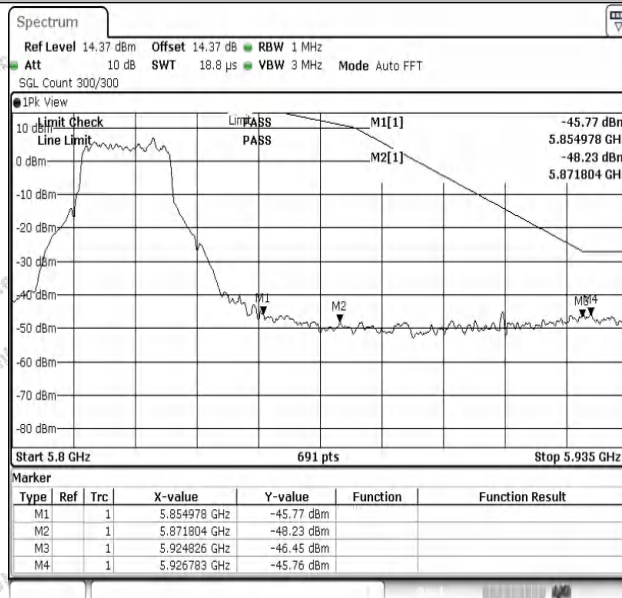


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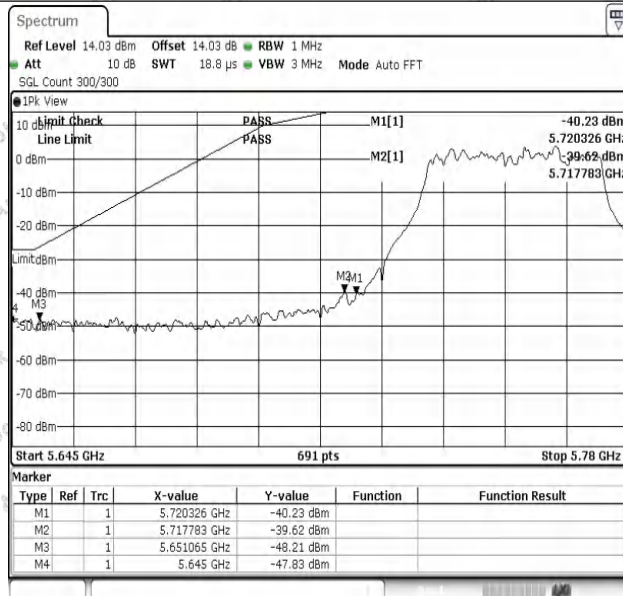


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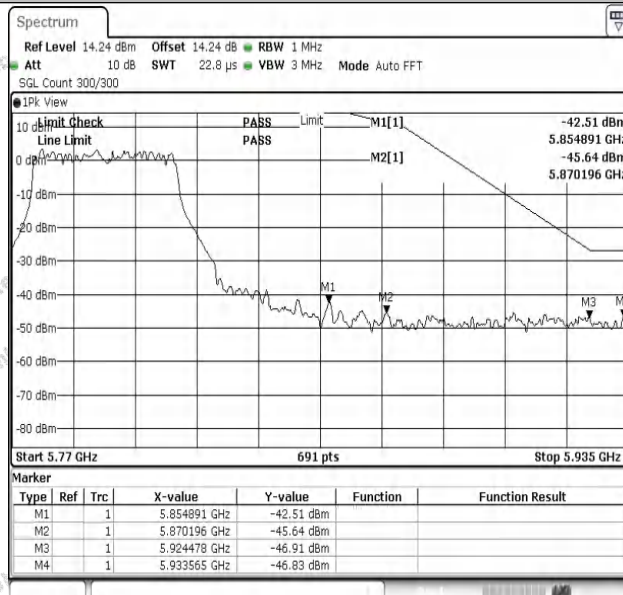


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11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS

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