

Appendix Test Data

Report No:	18220WC40053602	Test Sample NO:	1-2-2
Start Test Date:	2024.7.9	Finish Test Date:	2024.7.9
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.3°C	Relative Humidity:	45%
Pressure:	101 kPa		

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	19.28	5735.16	5754.44	---	---
11A	Ant1	5785	19.52	5775.04	5794.56	---	---
11A	Ant1	5825	19.20	5815.28	5834.48	---	---
11N20SISO	Ant1	5745	20.08	5734.96	5755.04	---	---
11N20SISO	Ant1	5785	20.08	5774.88	5794.96	---	---
11N20SISO	Ant1	5825	20.36	5814.80	5835.16	---	---
11N40SISO	Ant1	5755	40.00	5734.76	5774.76	---	---
11N40SISO	Ant1	5795	40.56	5774.76	5815.32	---	---
11AC20SISO	Ant1	5745	19.76	5735.12	5754.88	---	---
11AC20SISO	Ant1	5785	20.12	5774.84	5794.96	---	---
11AC20SISO	Ant1	5825	19.96	5815.00	5834.96	---	---
11AC40SISO	Ant1	5755	40.00	5735.08	5775.08	---	---
11AC40SISO	Ant1	5795	40.16	5775.08	5815.24	---	---
11AC80SISO	Ant1	5775	79.84	5735.16	5815.00	---	---

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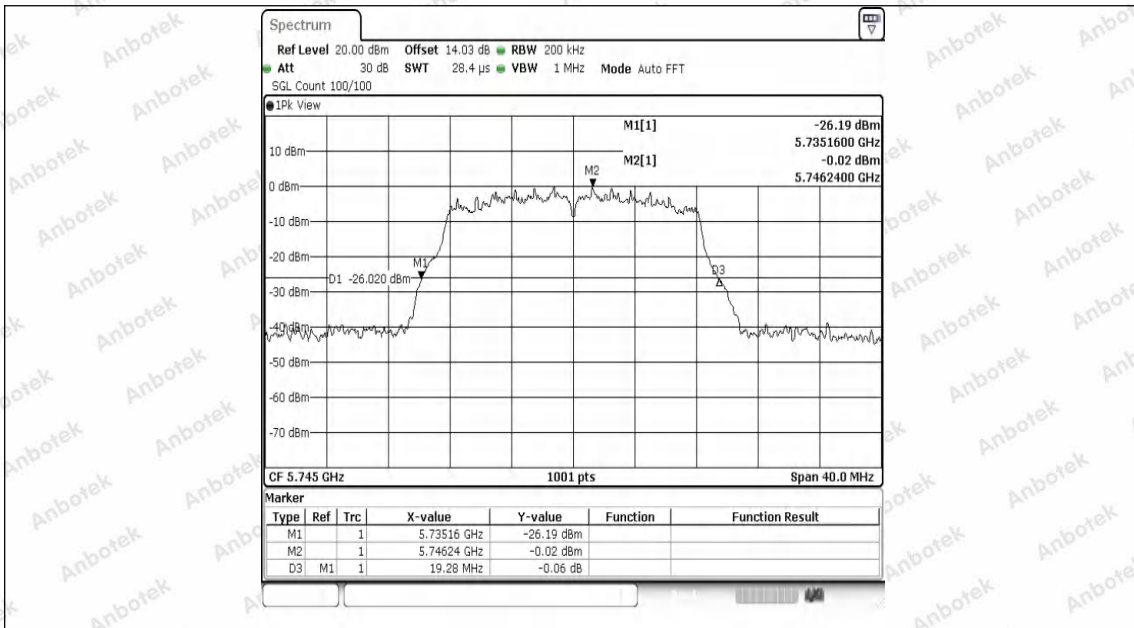
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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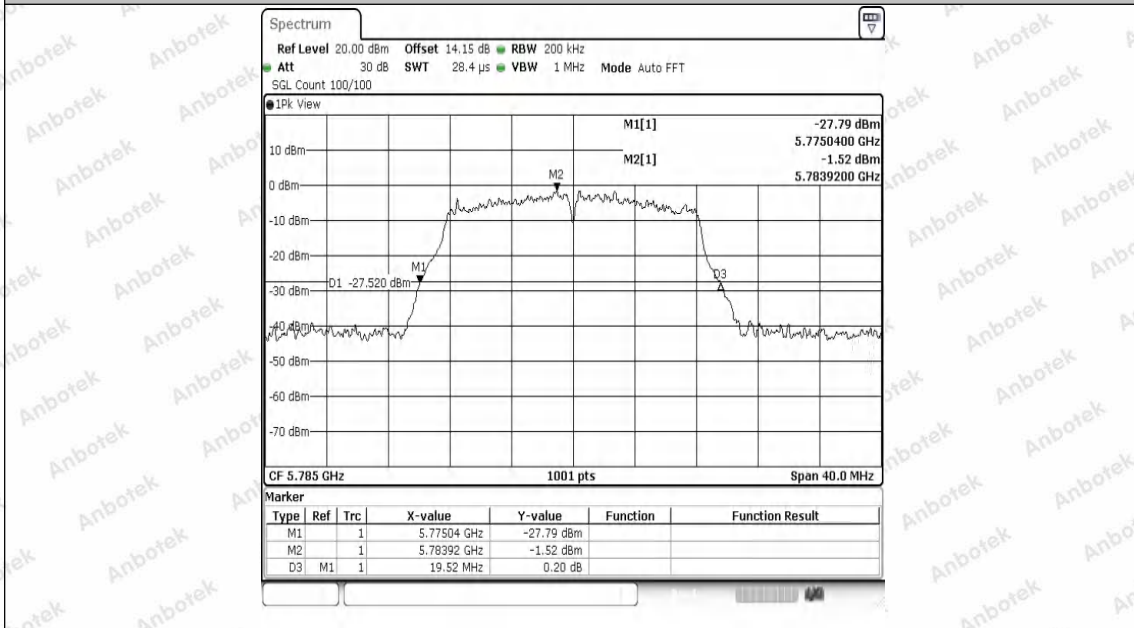
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Test Graphs



11A-Ant1-5745



11A-Ant1-5785

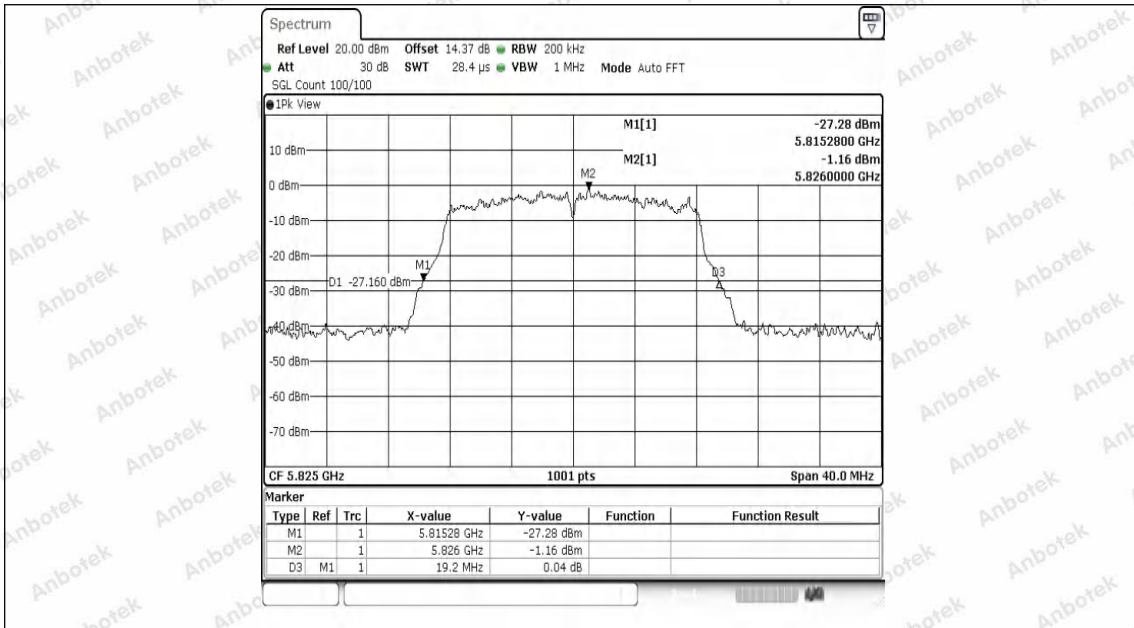
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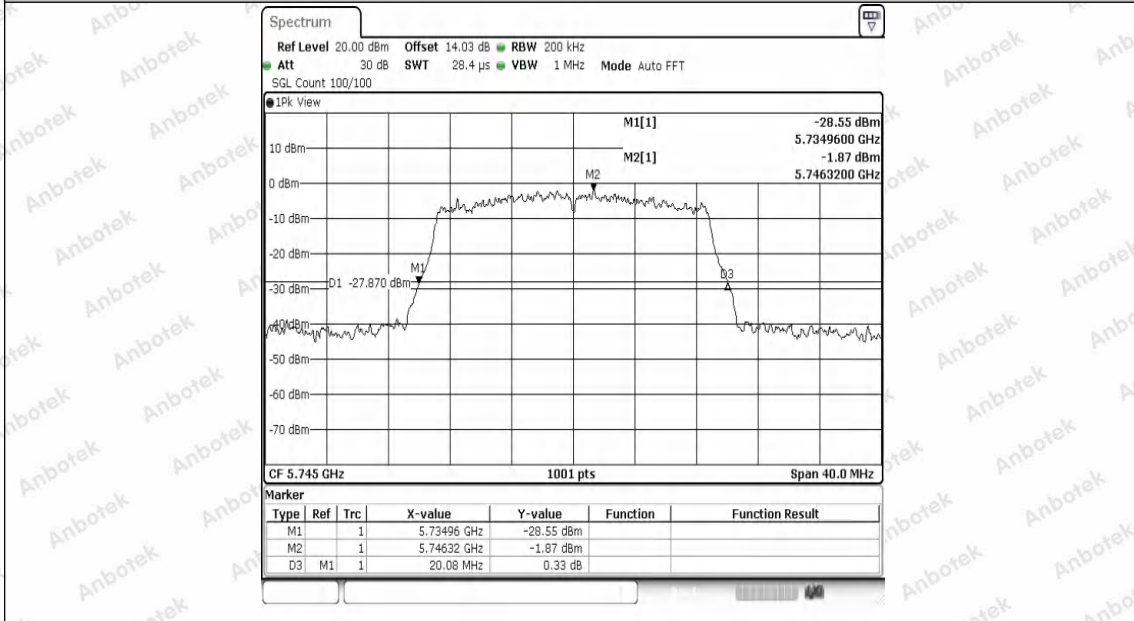


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11A-Ant1-5825



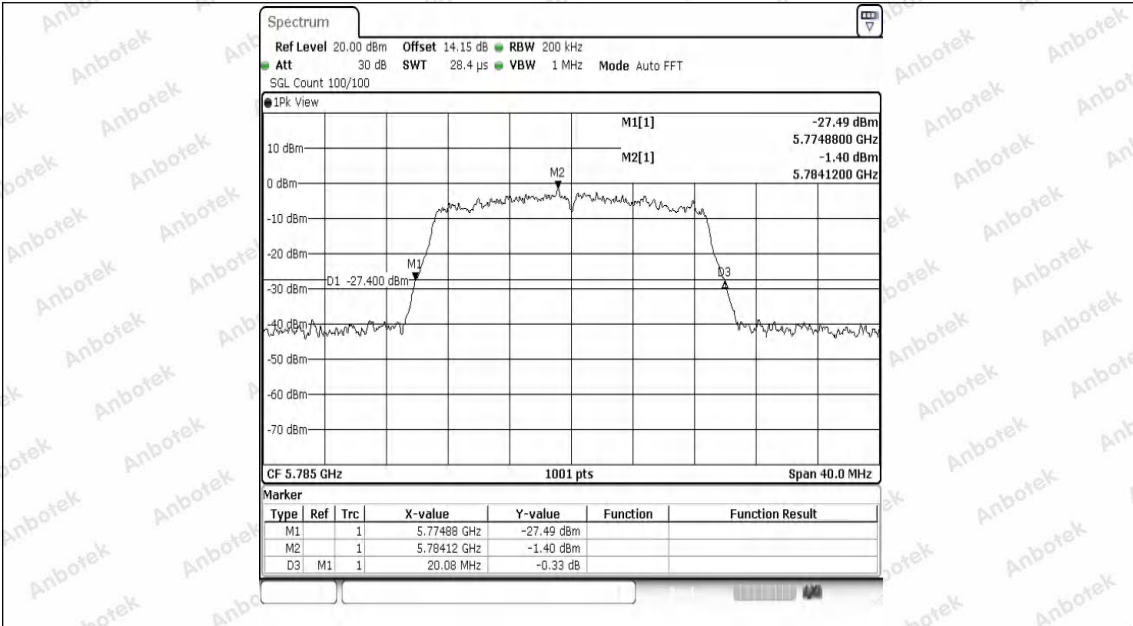
11N20SISO-Ant1-5745

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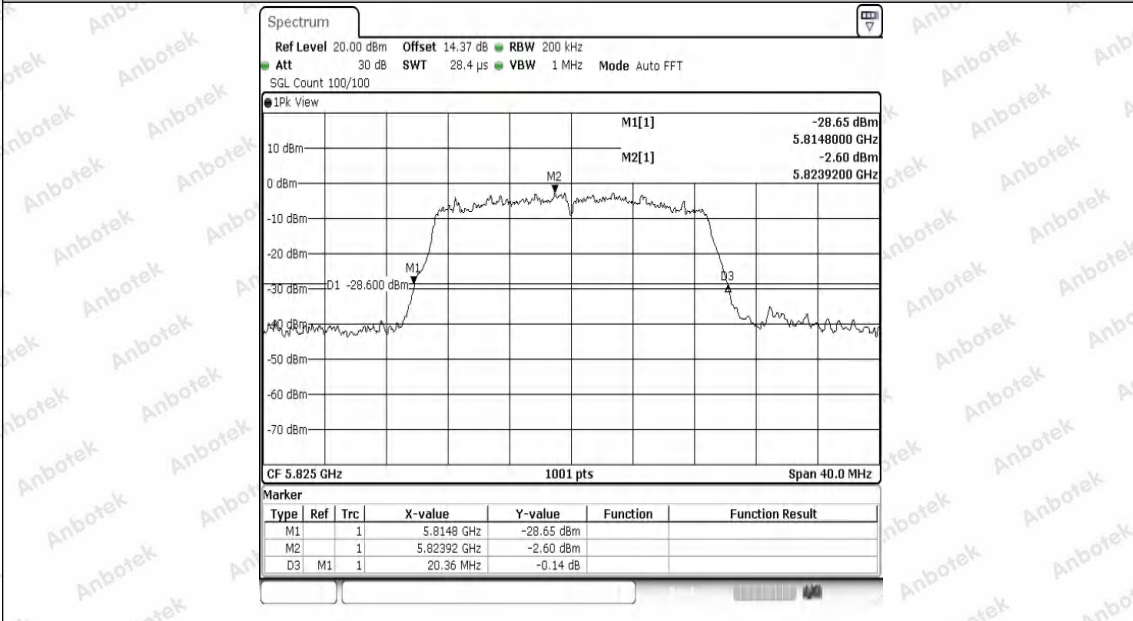
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11N20SISO-Ant1-5785



11N20SISO-Ant1-5825

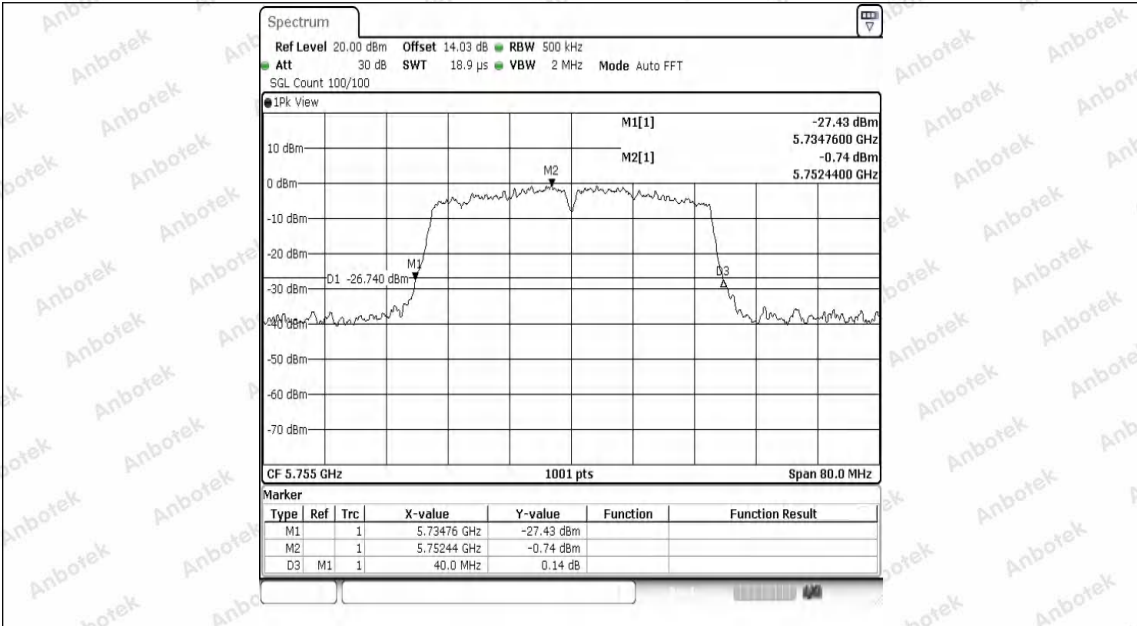
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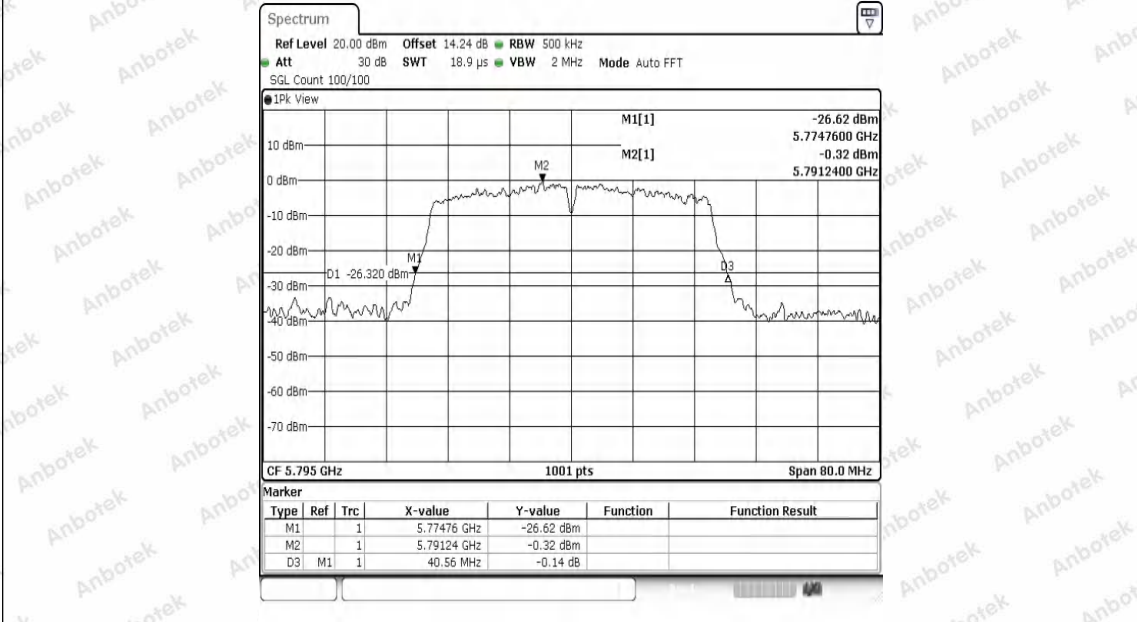


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11N40SISO-Ant1-5755



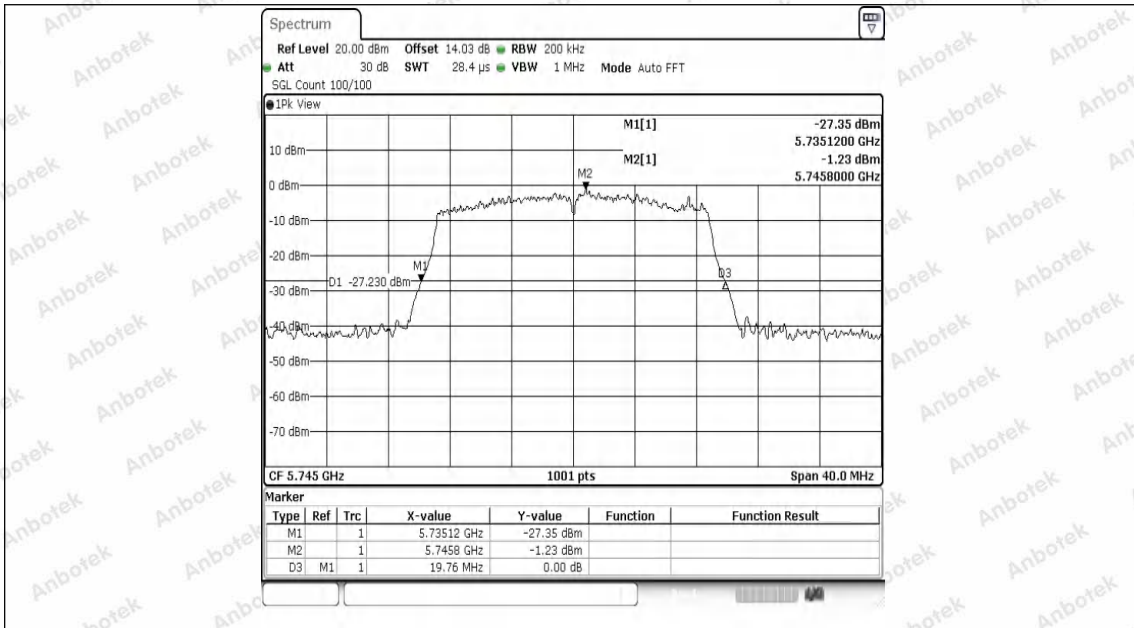
11N40SISO-Ant1-5795

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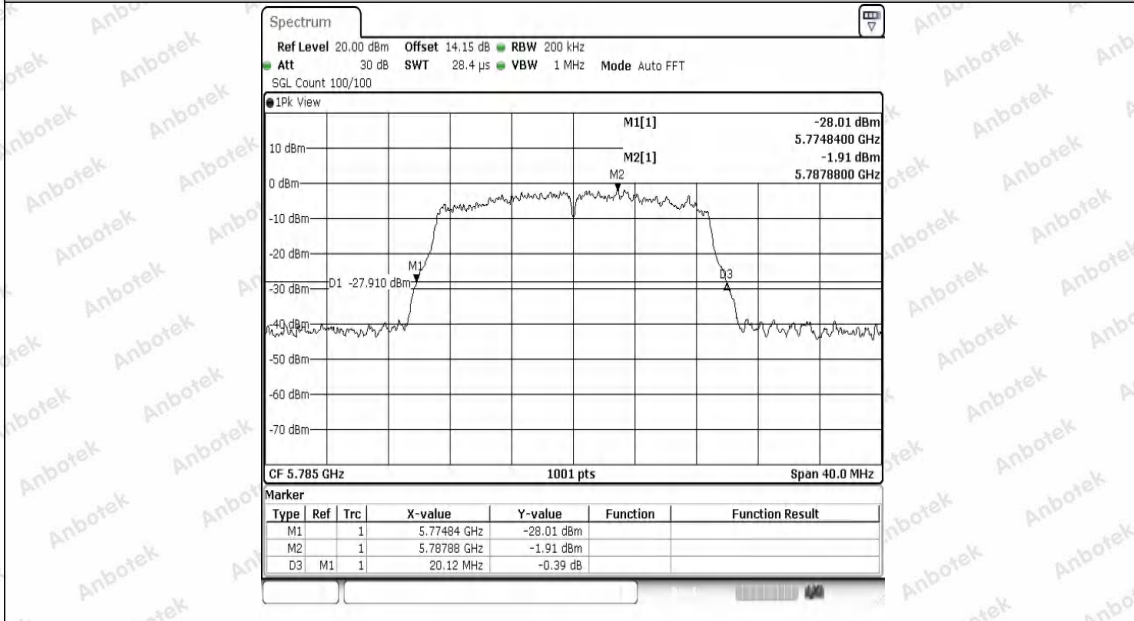
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785

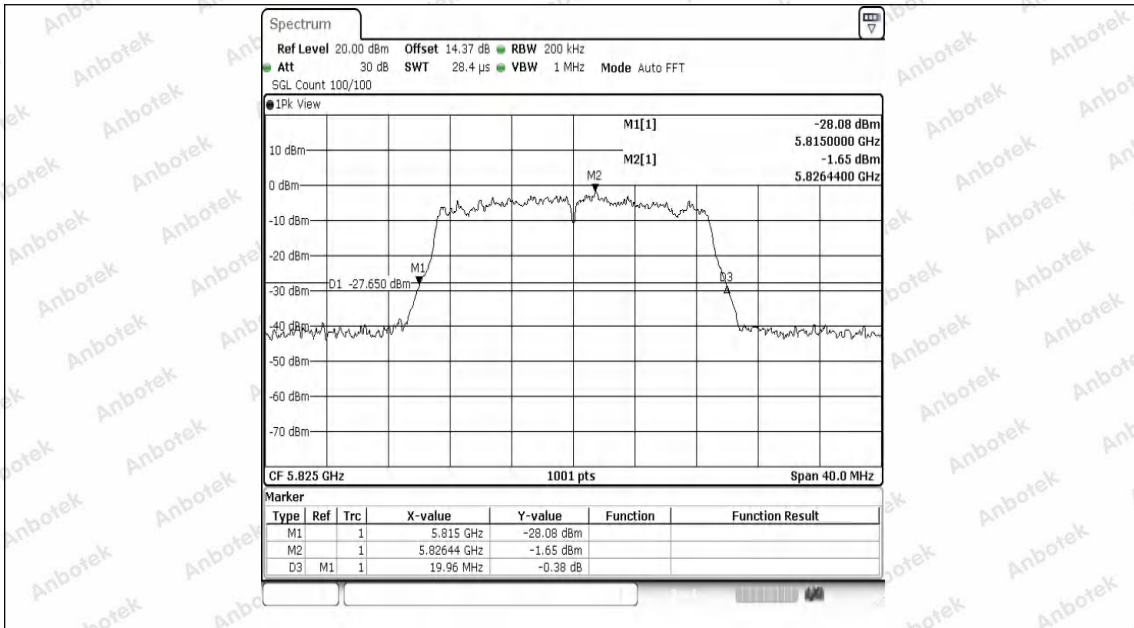
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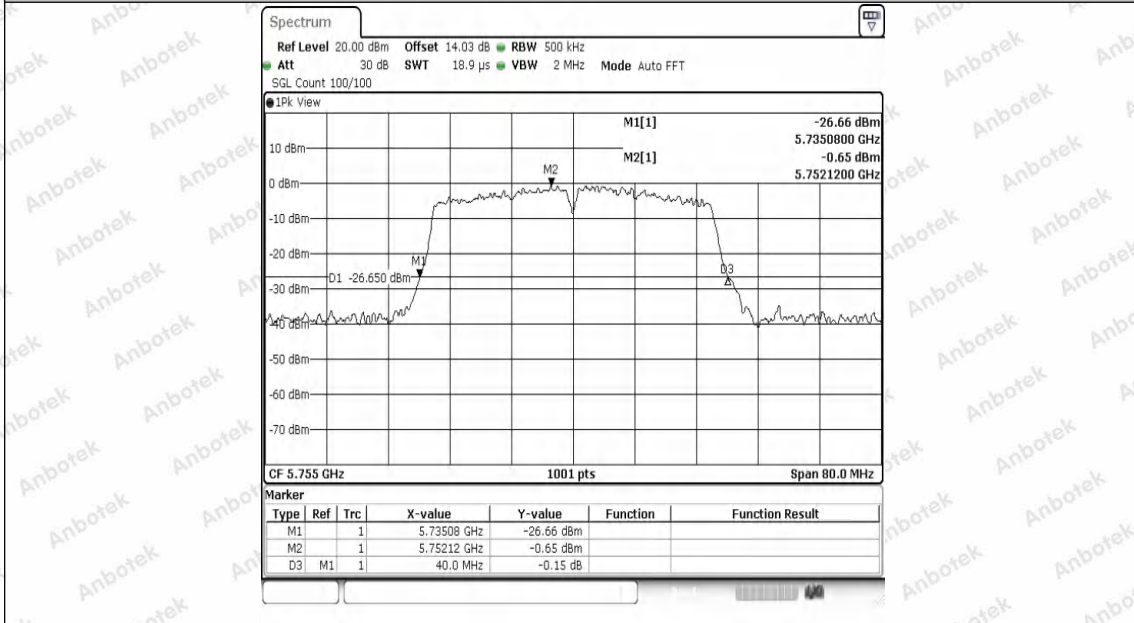


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11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5755

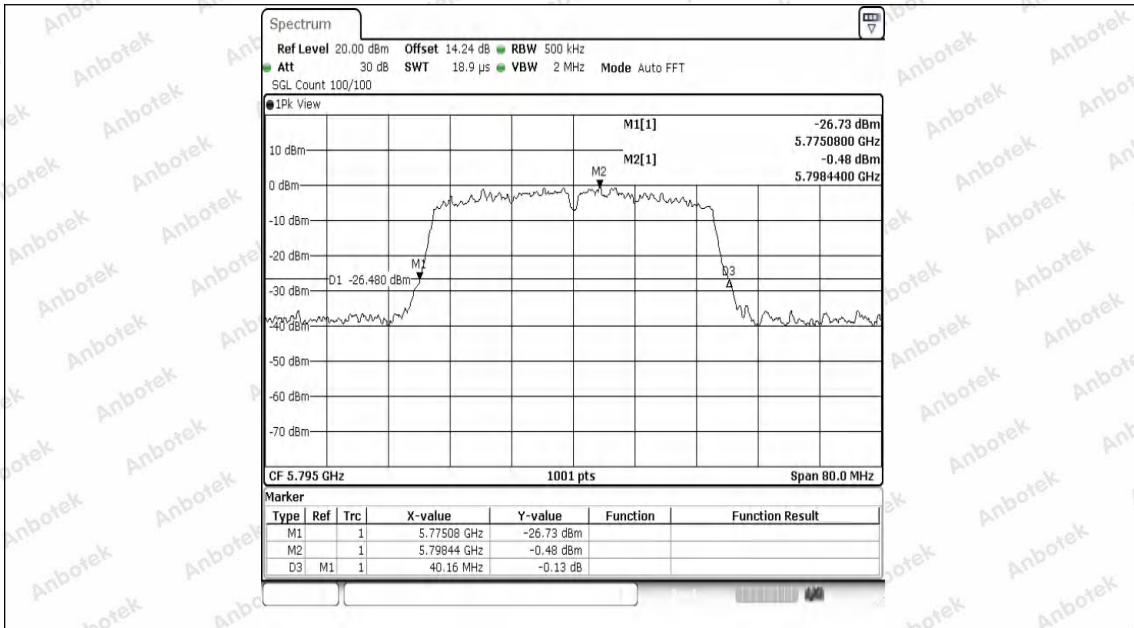
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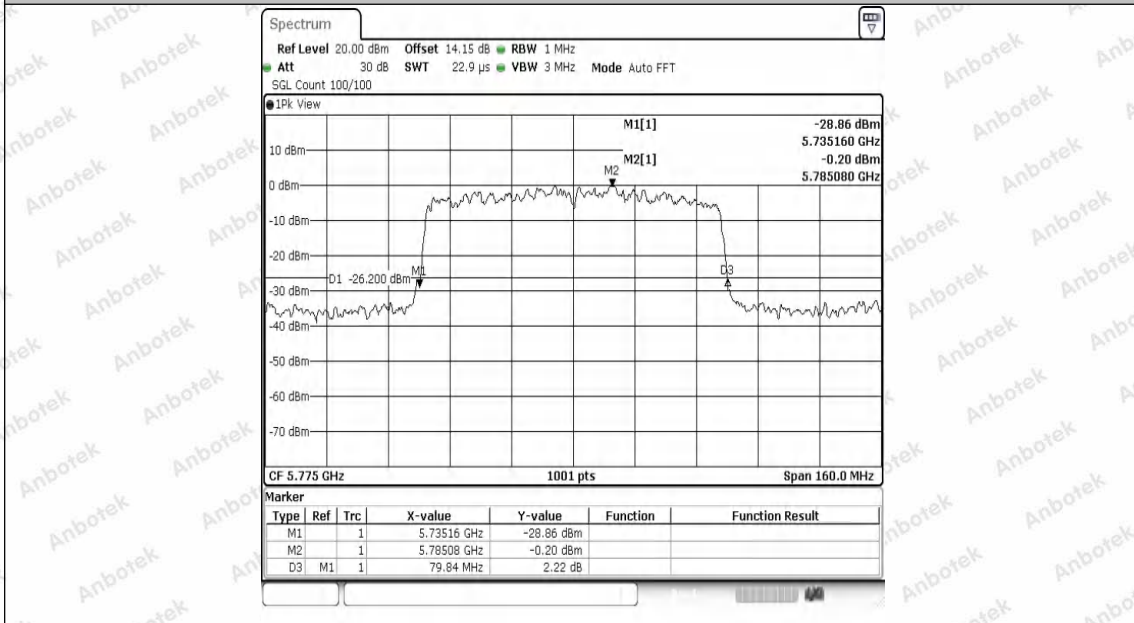


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11AC40SISO-Ant1-5795



11AC80SISO-Ant1-5775

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Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.983	5736.3686	5753.3516	---	---
11A	Ant1	5785	16.863	5776.4885	5793.3516	---	---
11A	Ant1	5825	17.023	5816.5684	5833.5914	---	---
11N20SISO	Ant1	5745	17.982	5735.9690	5753.9510	---	---
11N20SISO	Ant1	5785	17.822	5776.0490	5793.8711	---	---
11N20SISO	Ant1	5825	17.942	5816.0490	5833.9910	---	---
11N40SISO	Ant1	5755	35.964	5737.0180	5772.9820	---	---
11N40SISO	Ant1	5795	36.204	5776.9381	5813.1419	---	---
11AC20SISO	Ant1	5745	17.822	5736.0490	5753.8711	---	---
11AC20SISO	Ant1	5785	17.822	5776.0889	5793.9111	---	---
11AC20SISO	Ant1	5825	18.182	5816.0889	5834.2707	---	---
11AC40SISO	Ant1	5755	36.284	5736.9381	5773.2218	---	---
11AC40SISO	Ant1	5795	36.044	5777.0180	5813.0619	---	---
11AC80SISO	Ant1	5775	75.445	5737.2777	5812.7223	---	---

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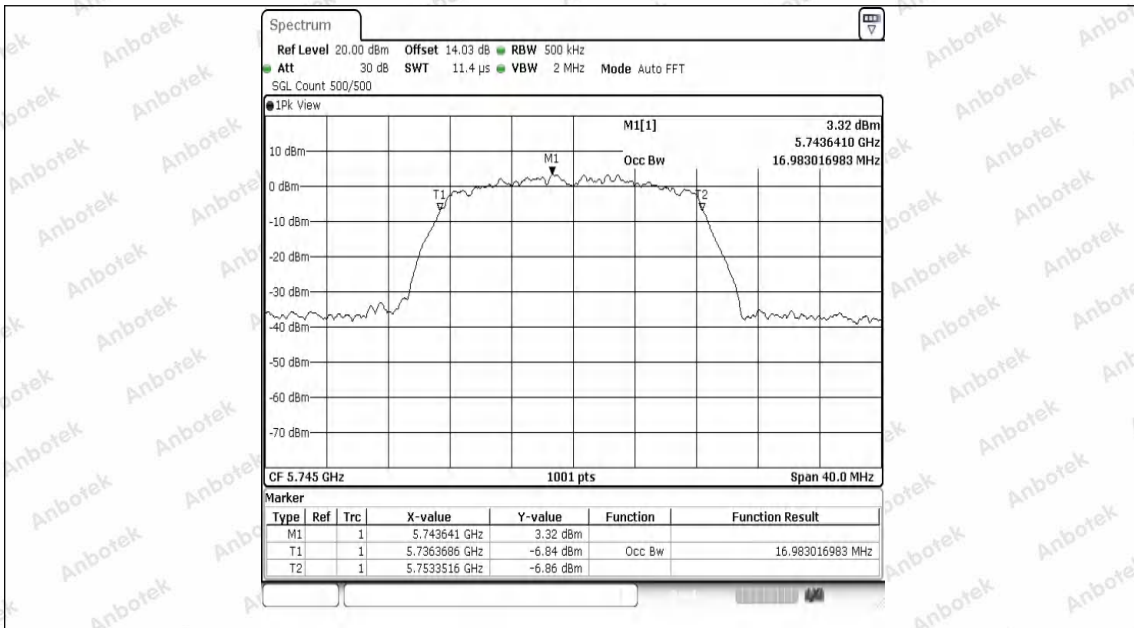
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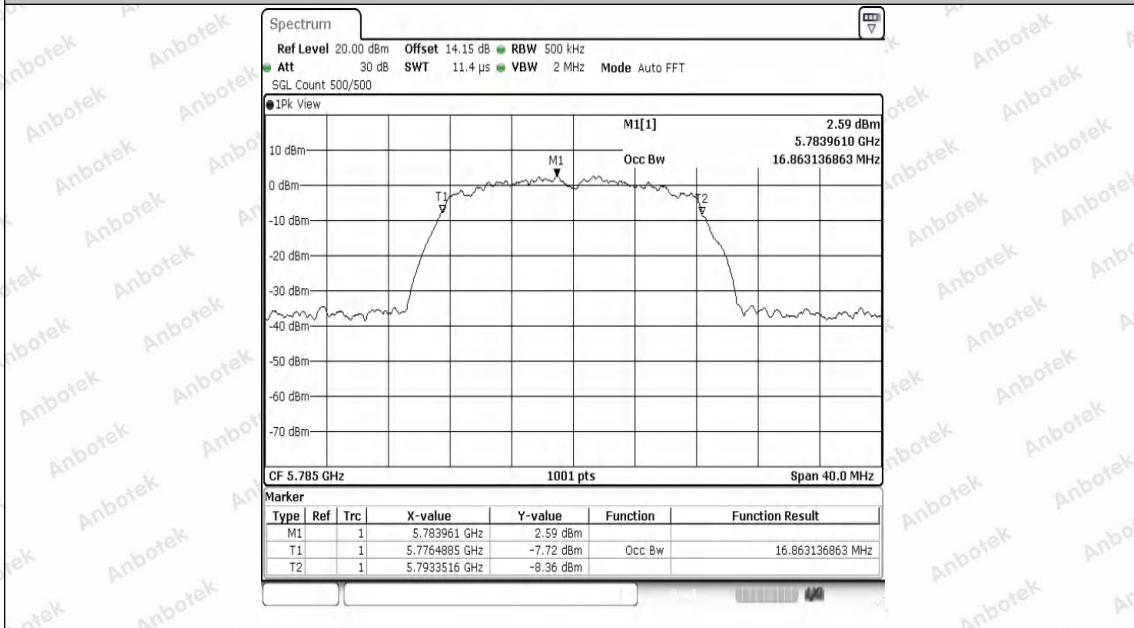
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Test Graphs



11A-Ant1-5745



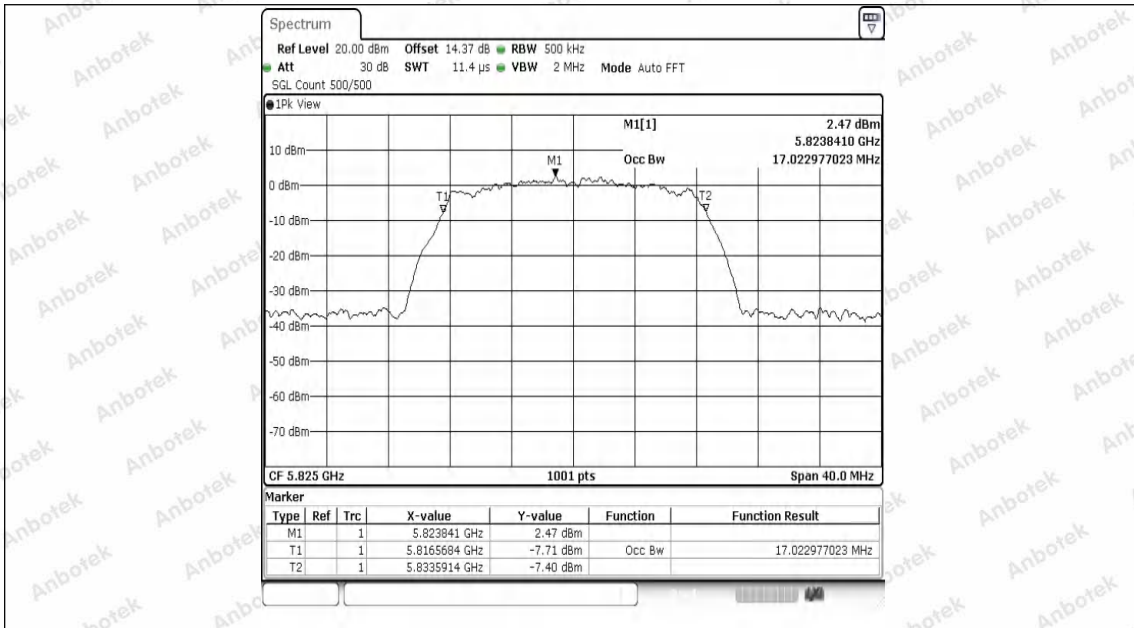
11A-Ant1-5785

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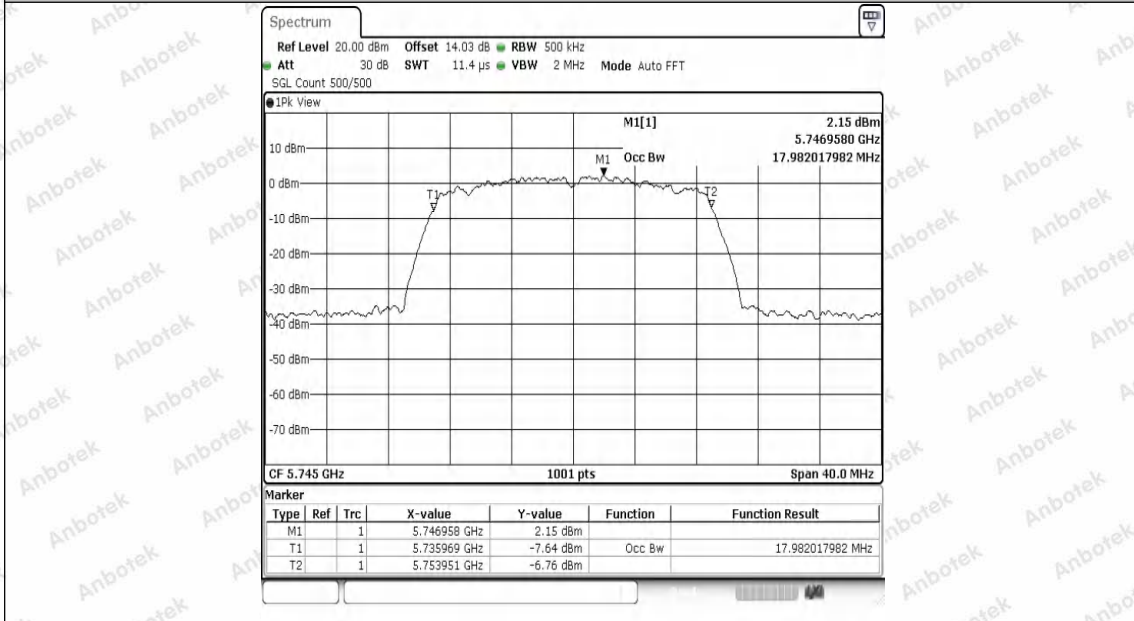
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11A-Ant1-5825



11N20SISO-Ant1-5745

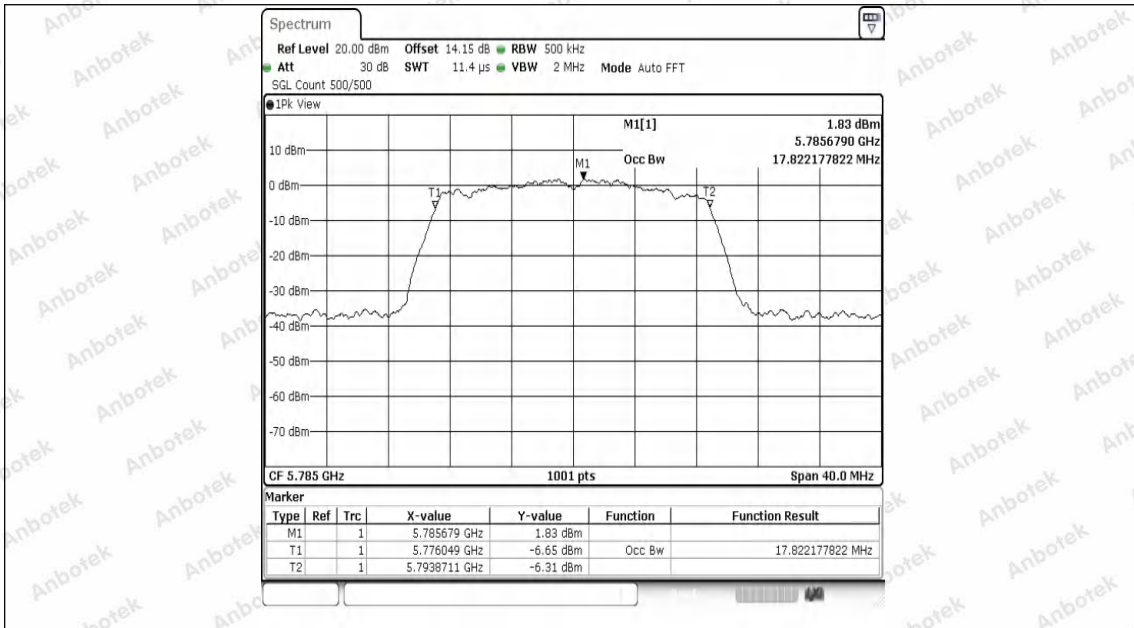
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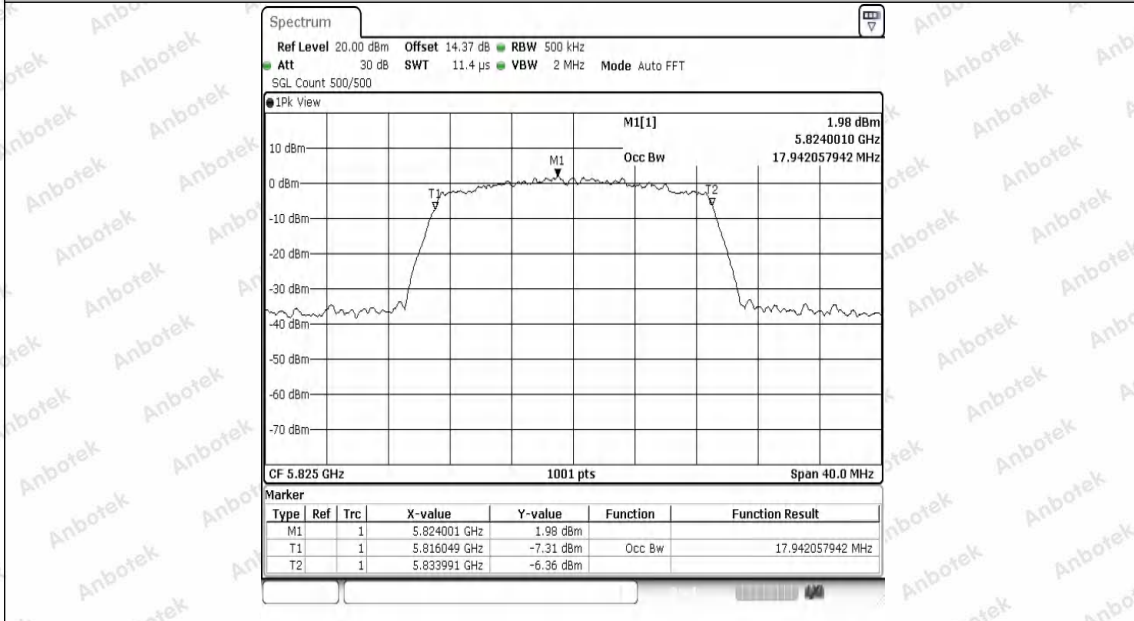


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11N20SISO-Ant1-5785



11N20SISO-Ant1-5825

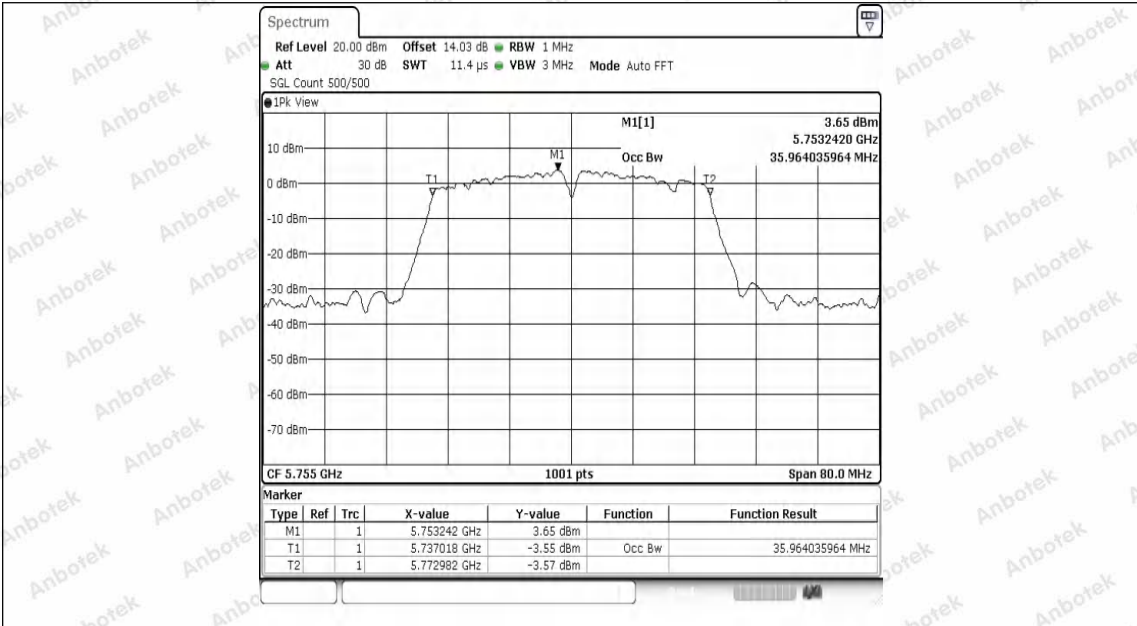
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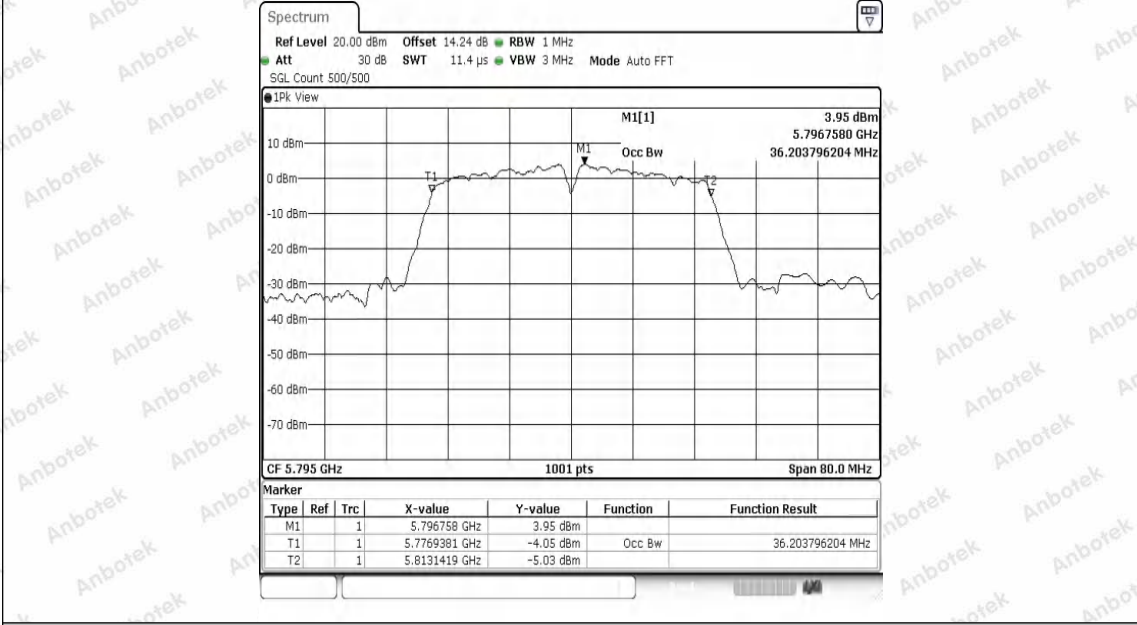


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11N40SISO-Ant1-5755



11N40SISO-Ant1-5795

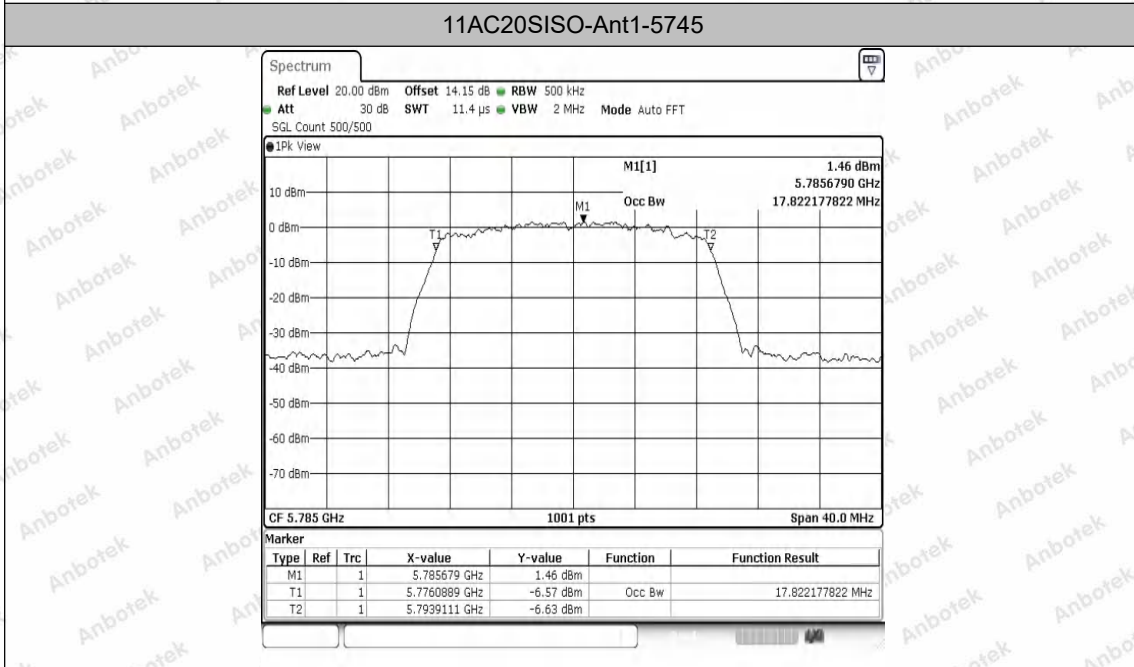
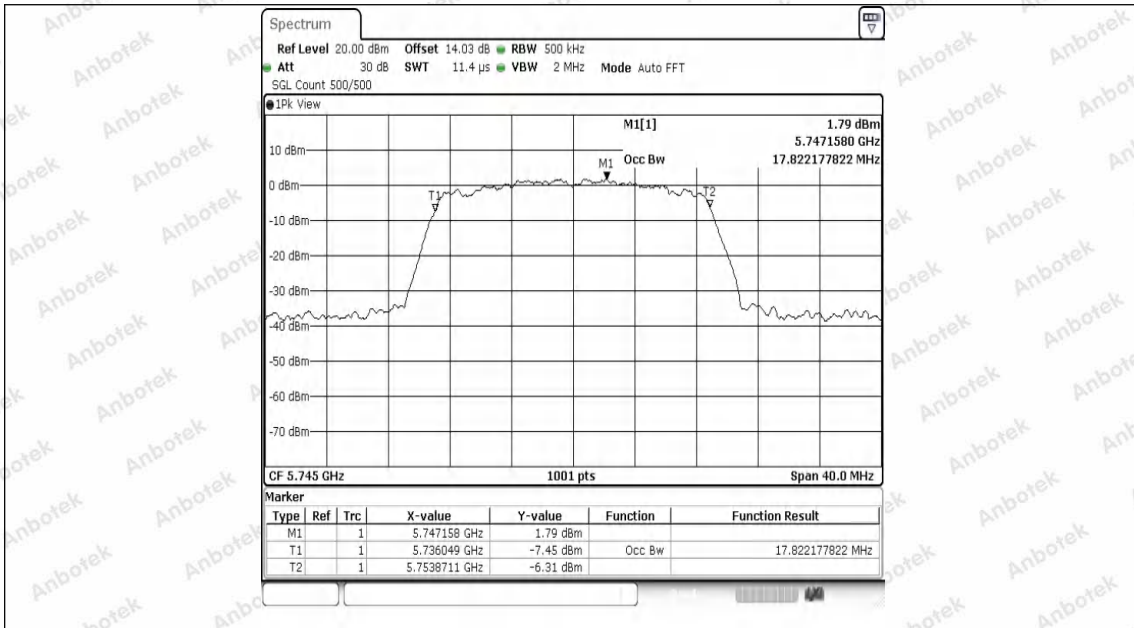
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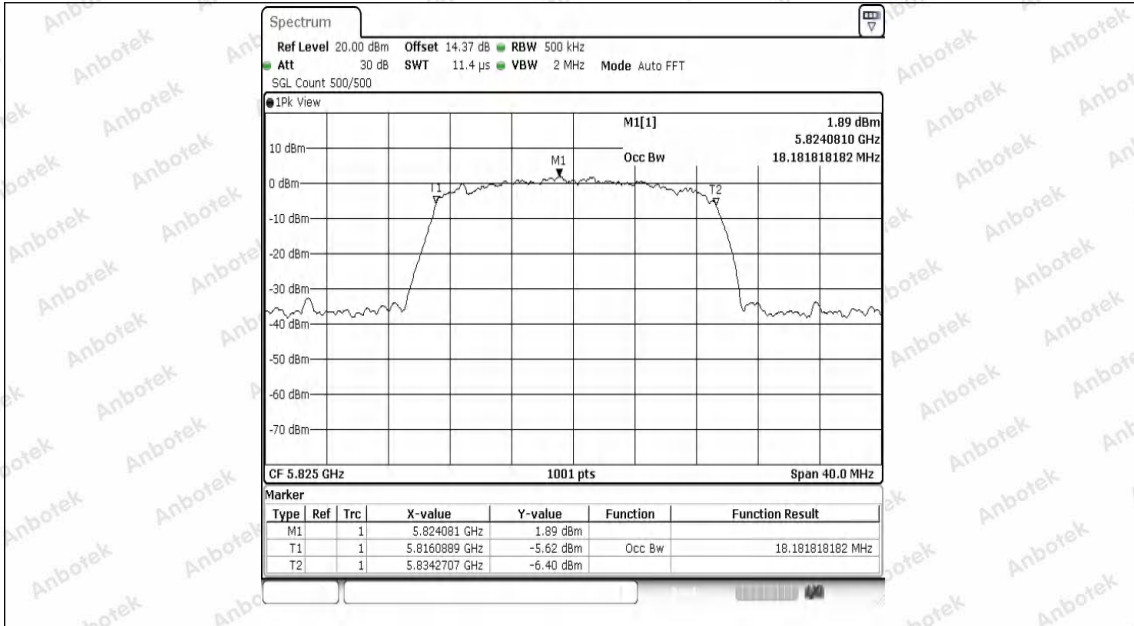
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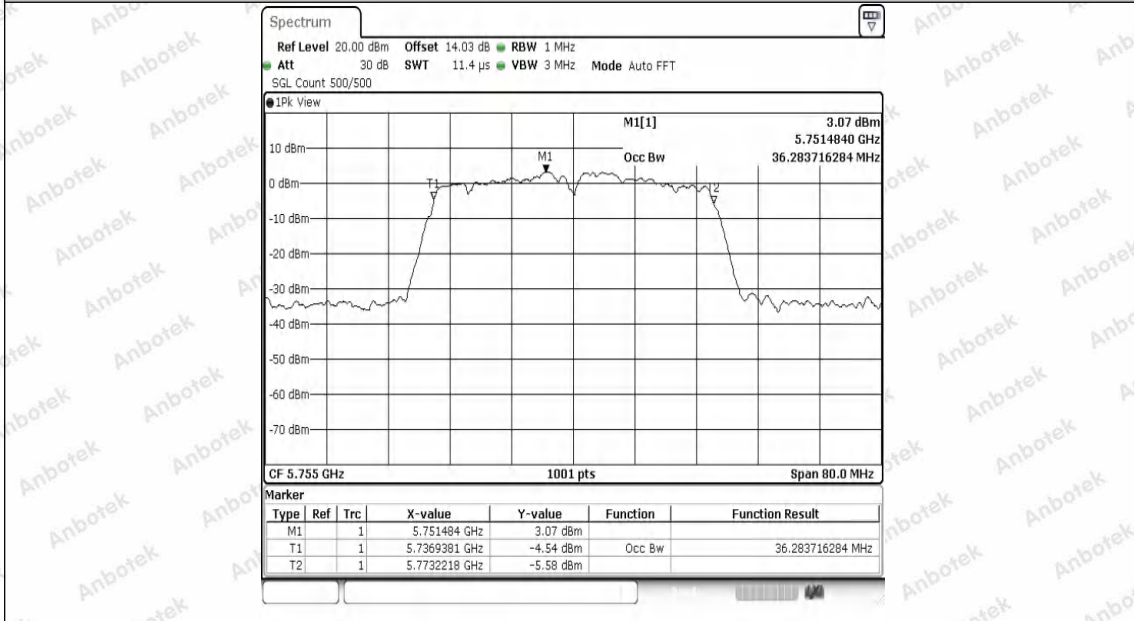


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11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5755

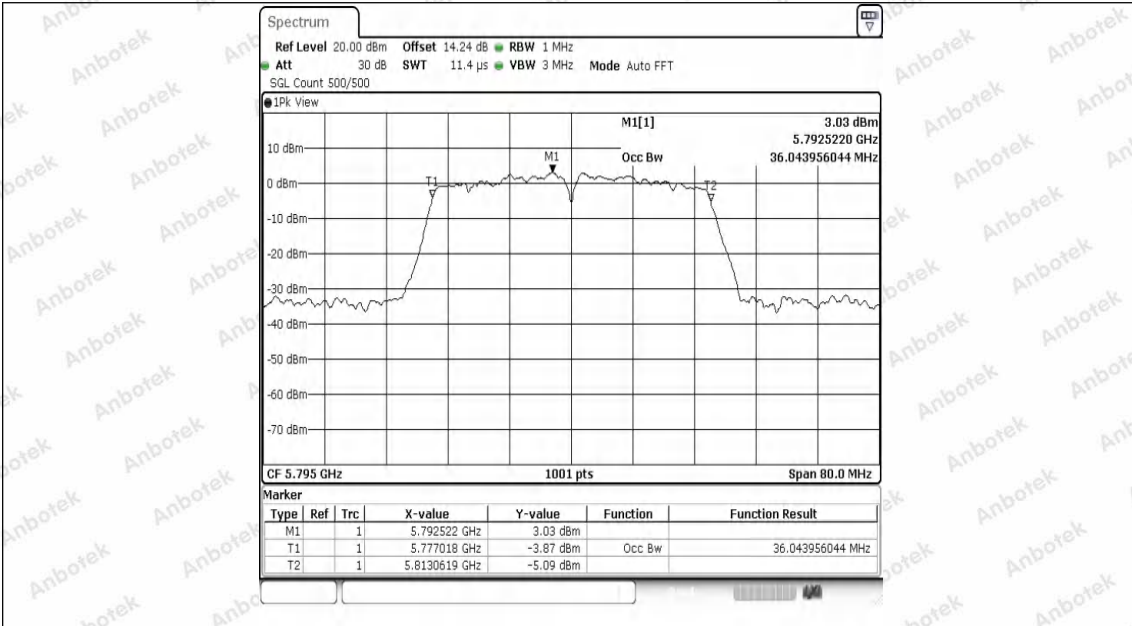
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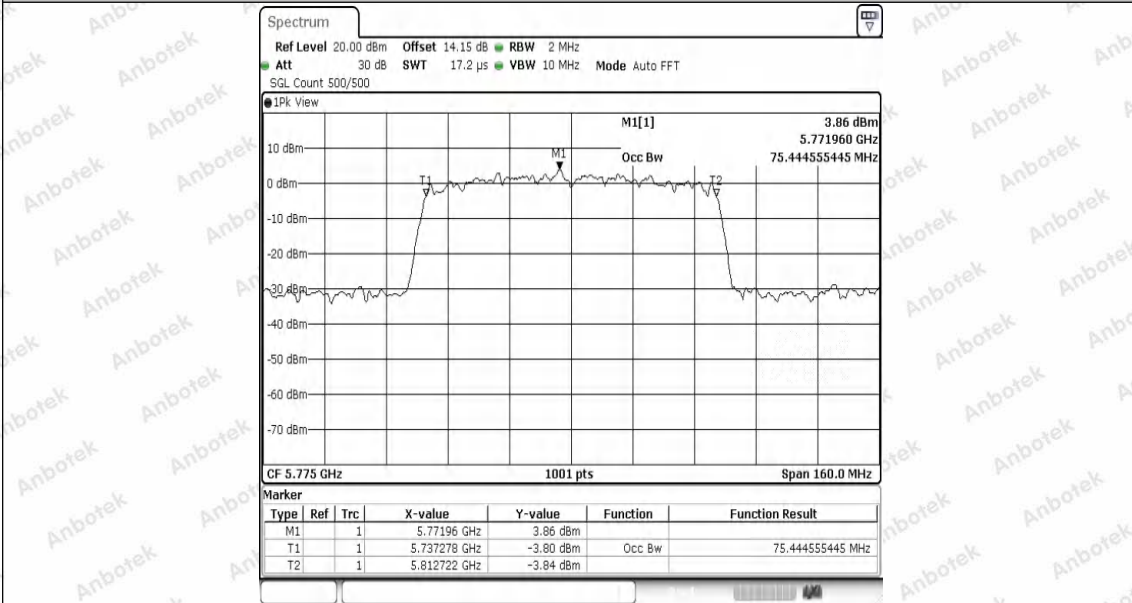


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11AC40SISO-Ant1-5795



11AC80SISO-Ant1-5775

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Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	13.92	5738.32	5752.24	0.5	PASS
11A	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
11A	Ant1	5825	13.92	5818.64	5832.56	0.5	PASS
11N20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
11N20SISO	Ant1	5785	17.20	5776.56	5793.76	0.5	PASS
11N20SISO	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
11N40SISO	Ant1	5755	35.52	5737.40	5772.92	0.5	PASS
11N40SISO	Ant1	5795	35.60	5777.16	5812.76	0.5	PASS
11AC20SISO	Ant1	5745	12.60	5738.68	5751.28	0.5	PASS
11AC20SISO	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
11AC20SISO	Ant1	5825	13.88	5818.64	5832.52	0.5	PASS
11AC40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
11AC40SISO	Ant1	5795	32.56	5777.40	5809.96	0.5	PASS
11AC80SISO	Ant1	5775	72.64	5737.40	5810.04	0.5	PASS

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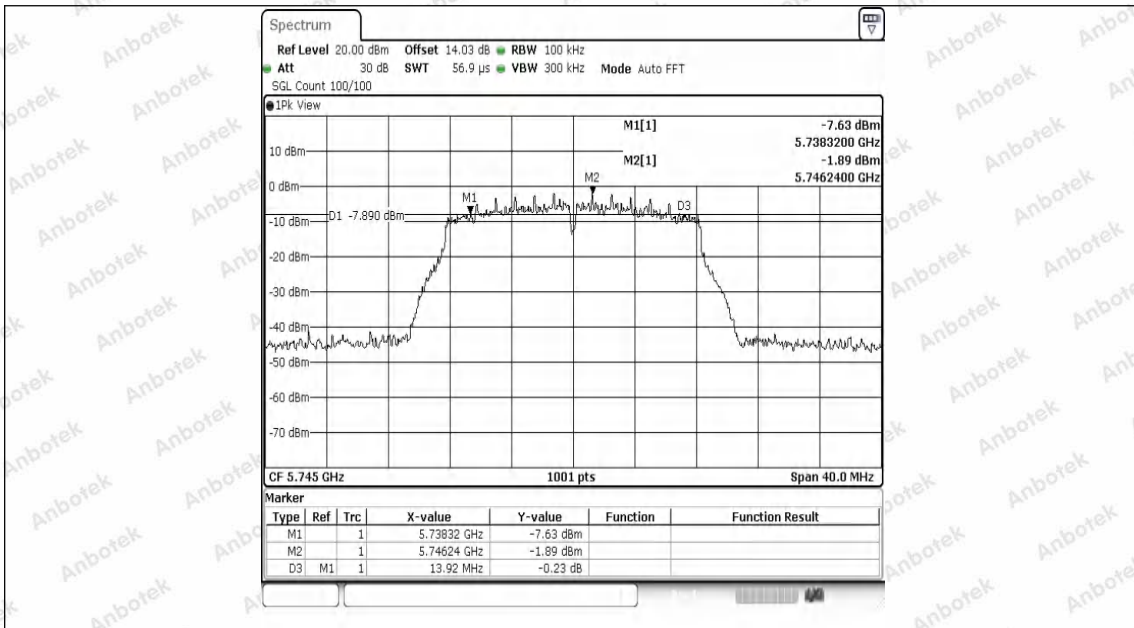
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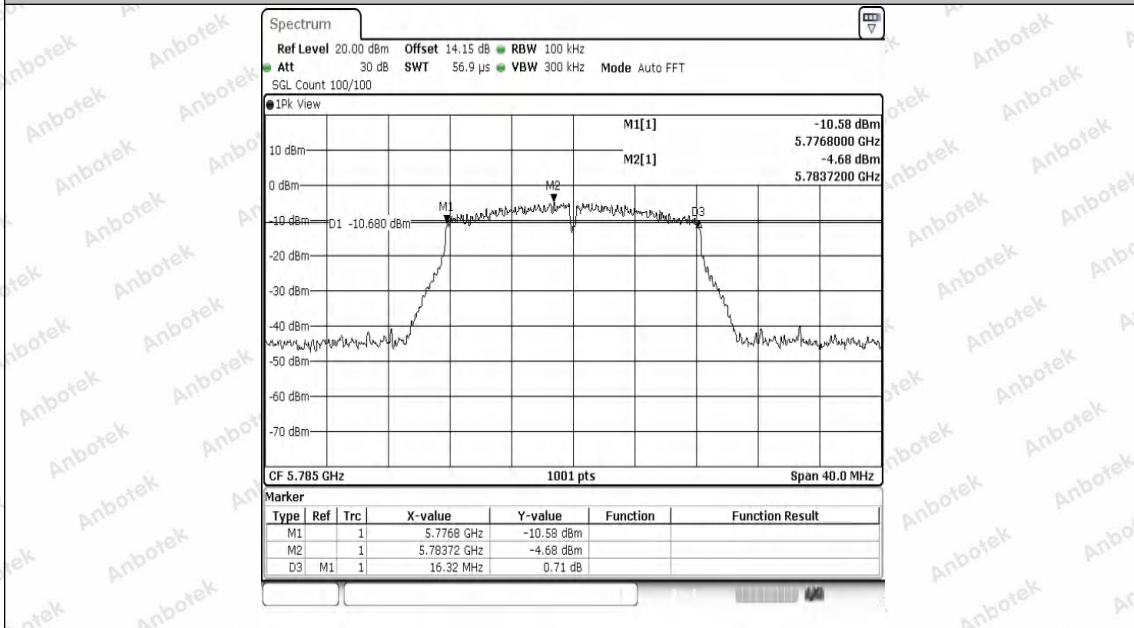
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Test Graphs B4



11A-Ant1-5745-PASS



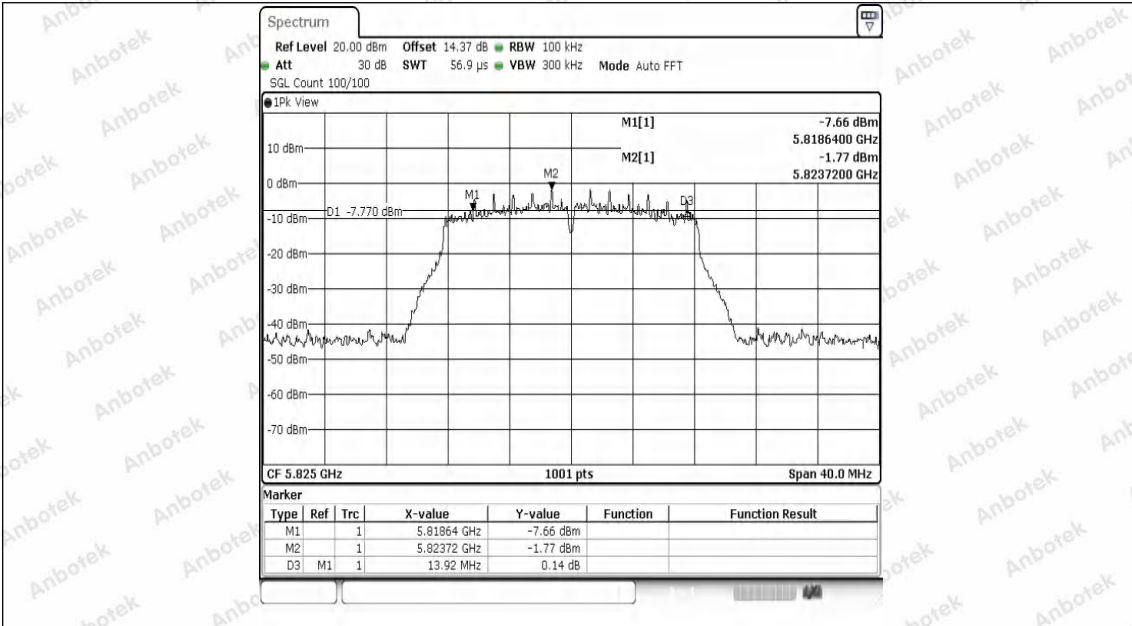
11A-Ant1-5785-PASS

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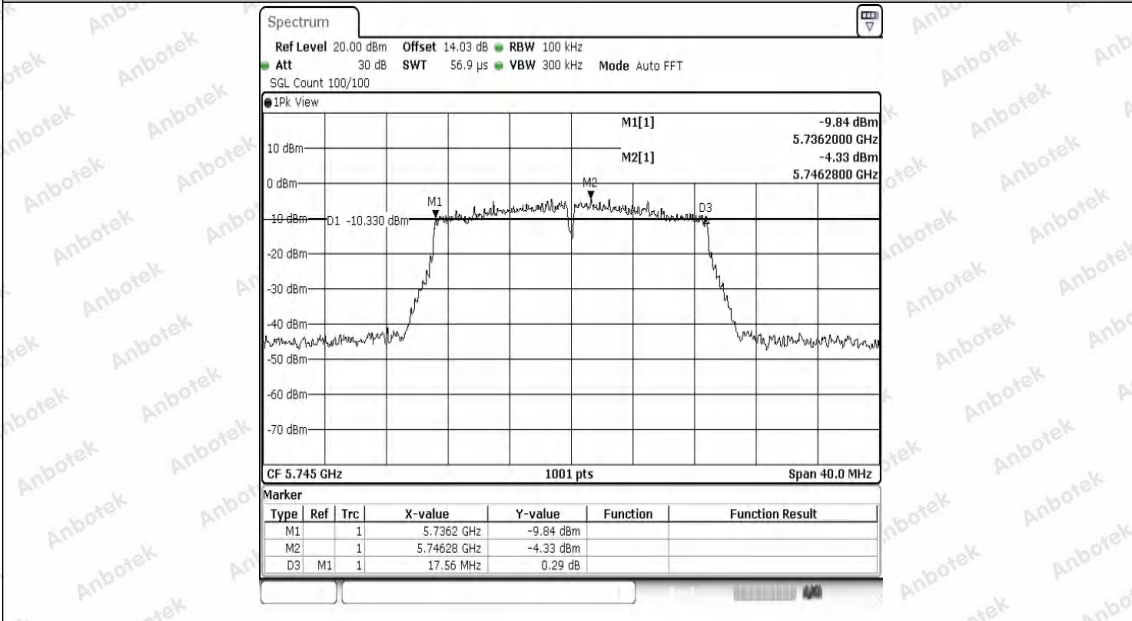
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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11A-Ant1-5825-PASS



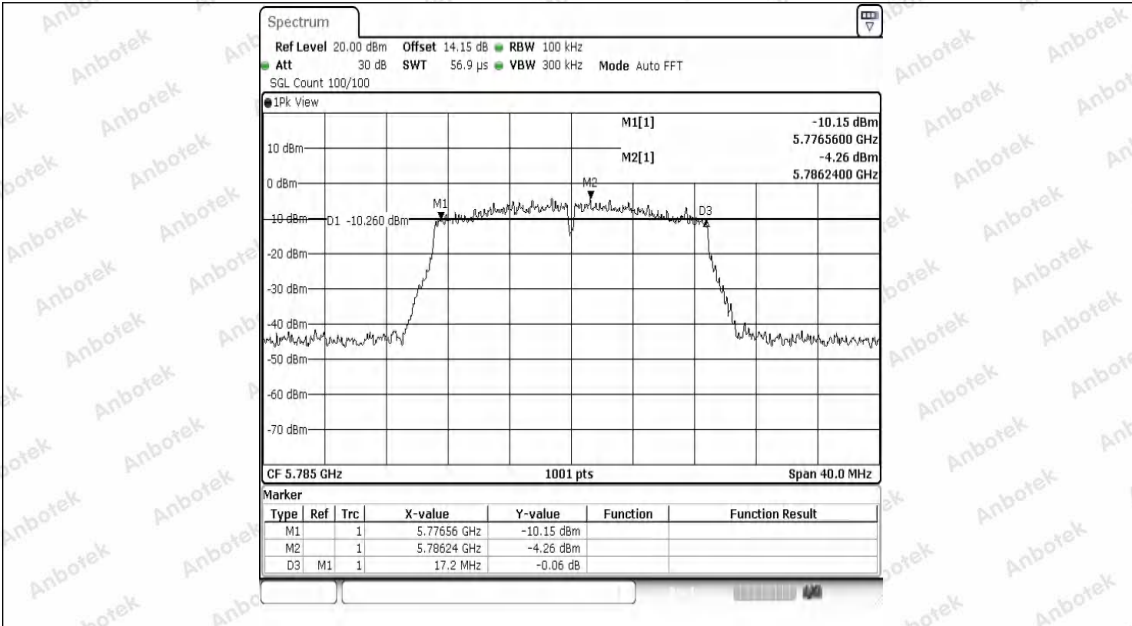
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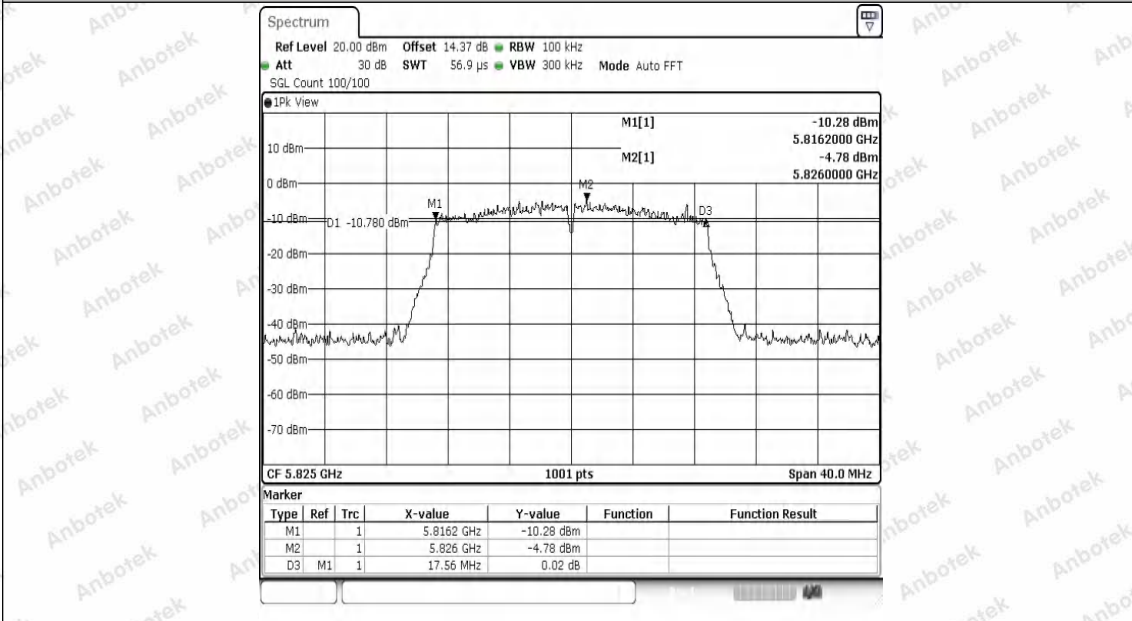
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11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS

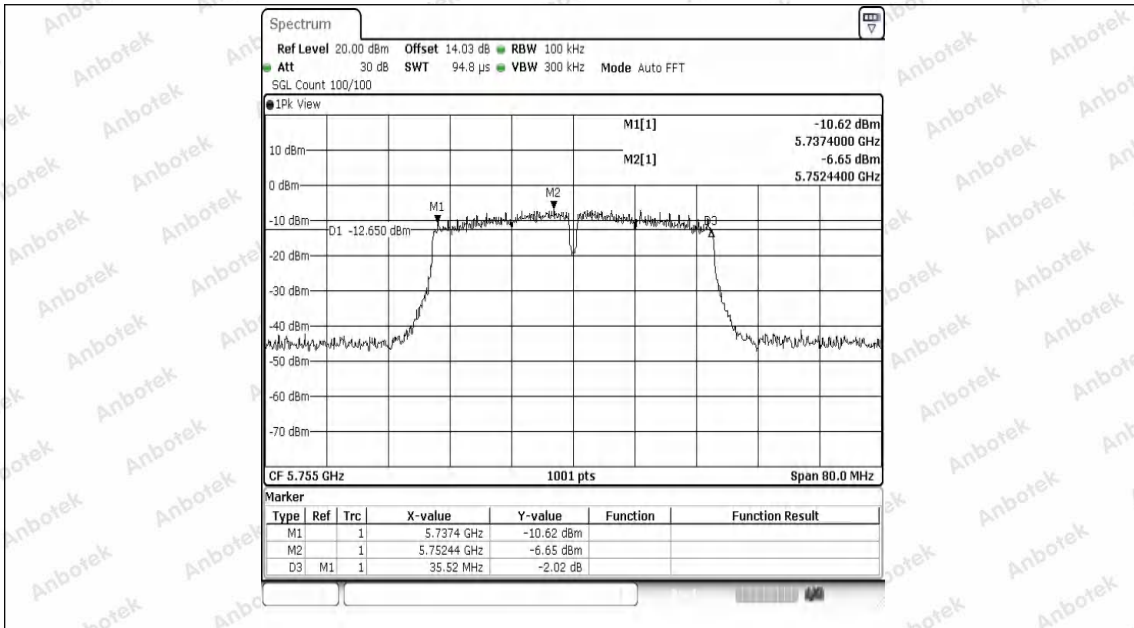
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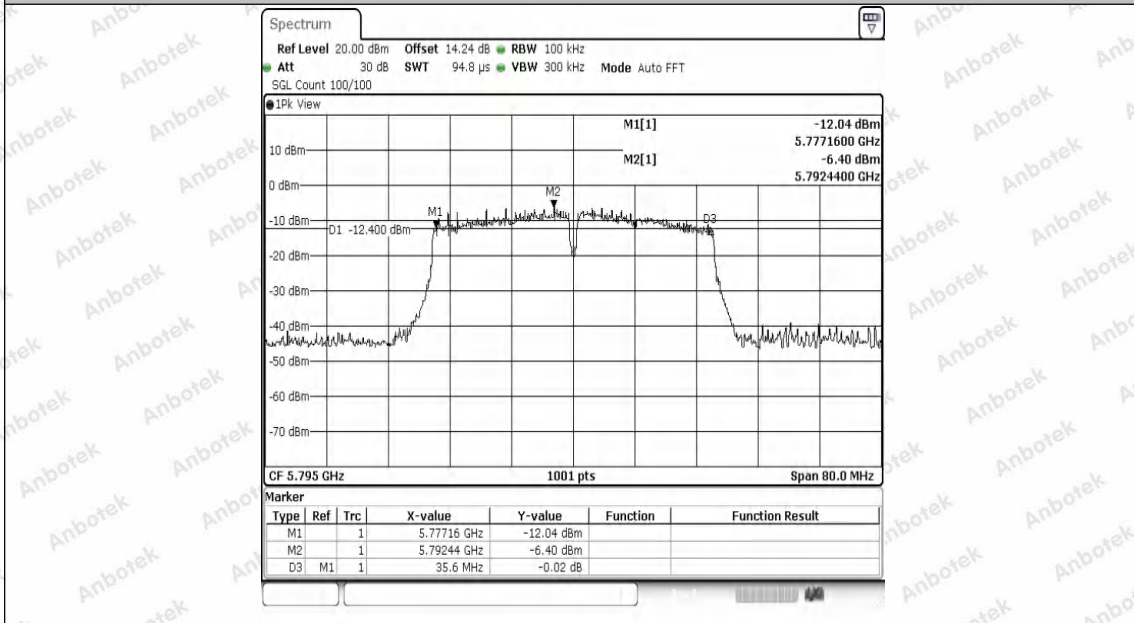


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11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS

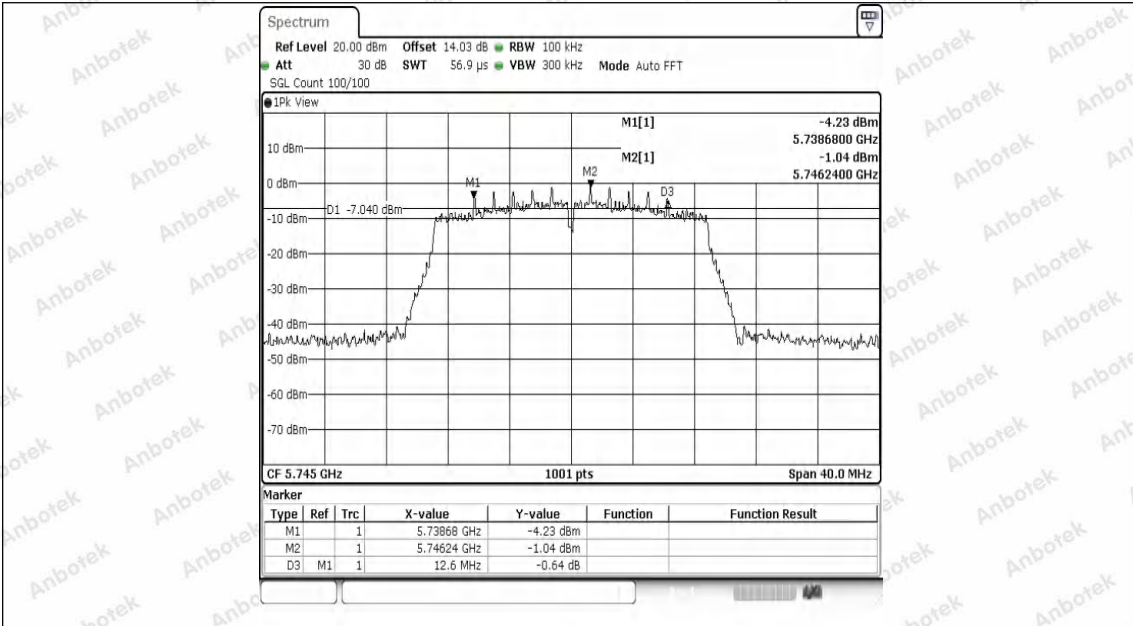
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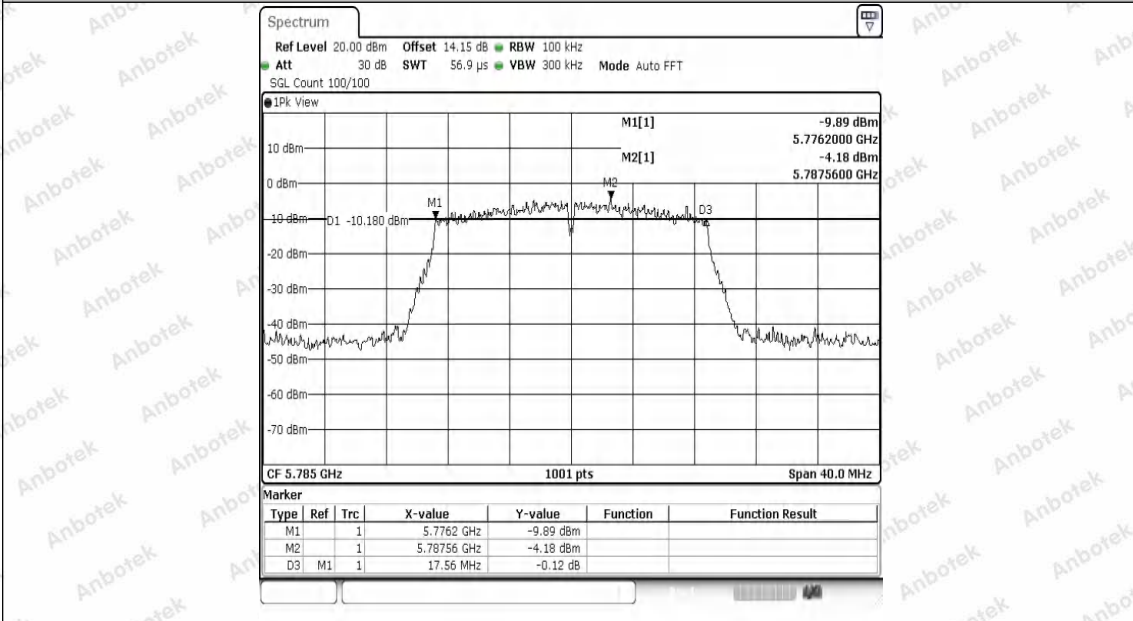


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11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS

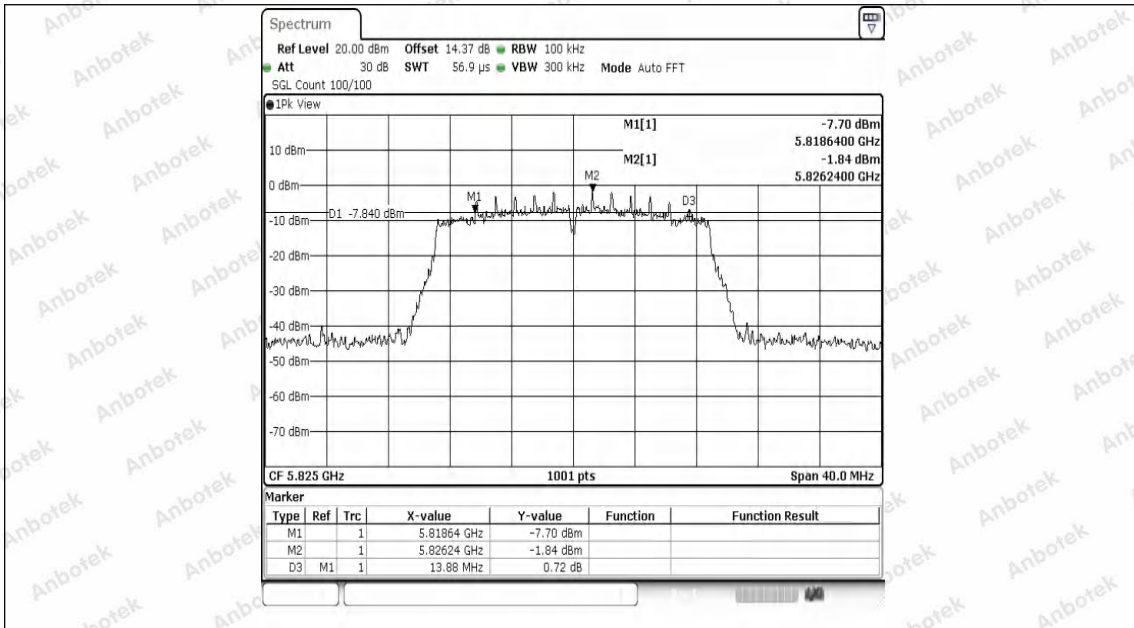
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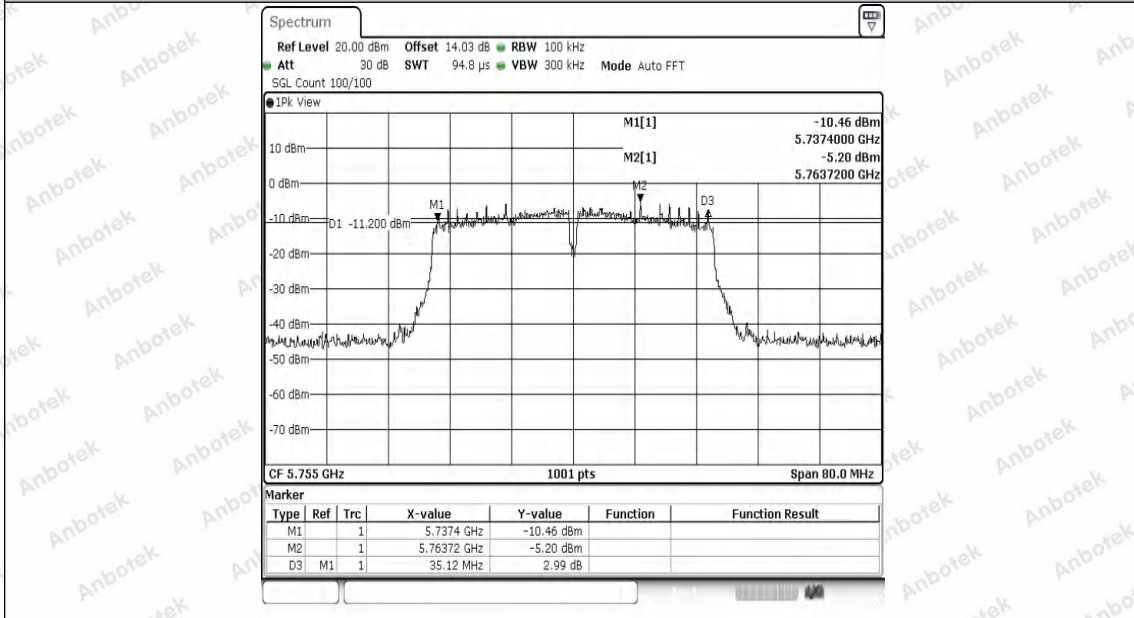


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11AC20SISO-Ant1-5825-PASS



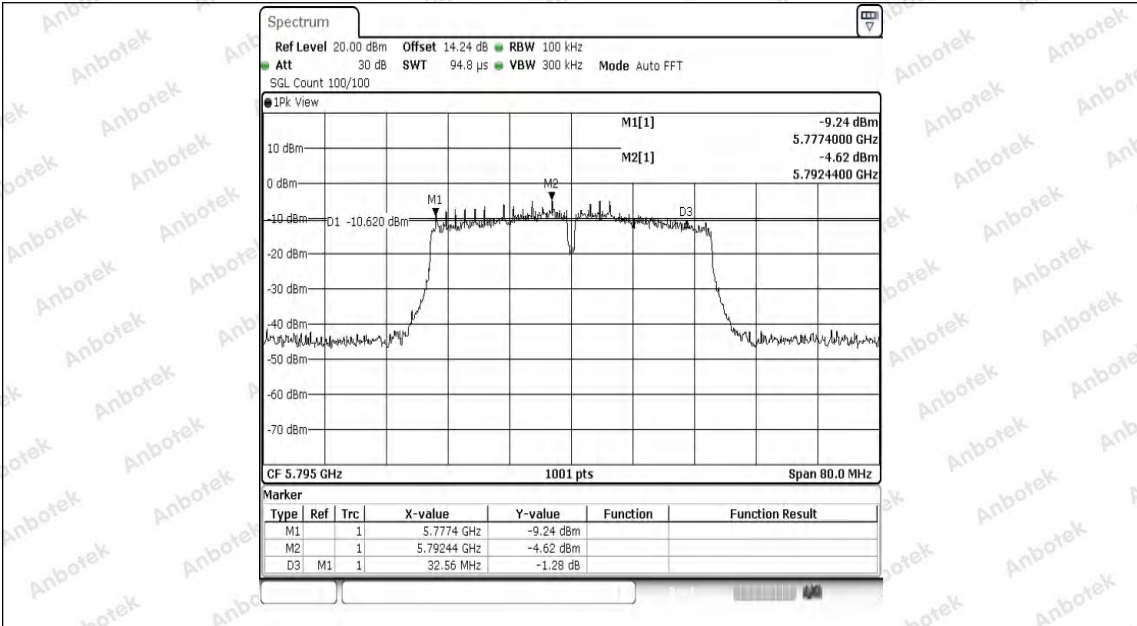
11AC40SISO-Ant1-5755-PASS

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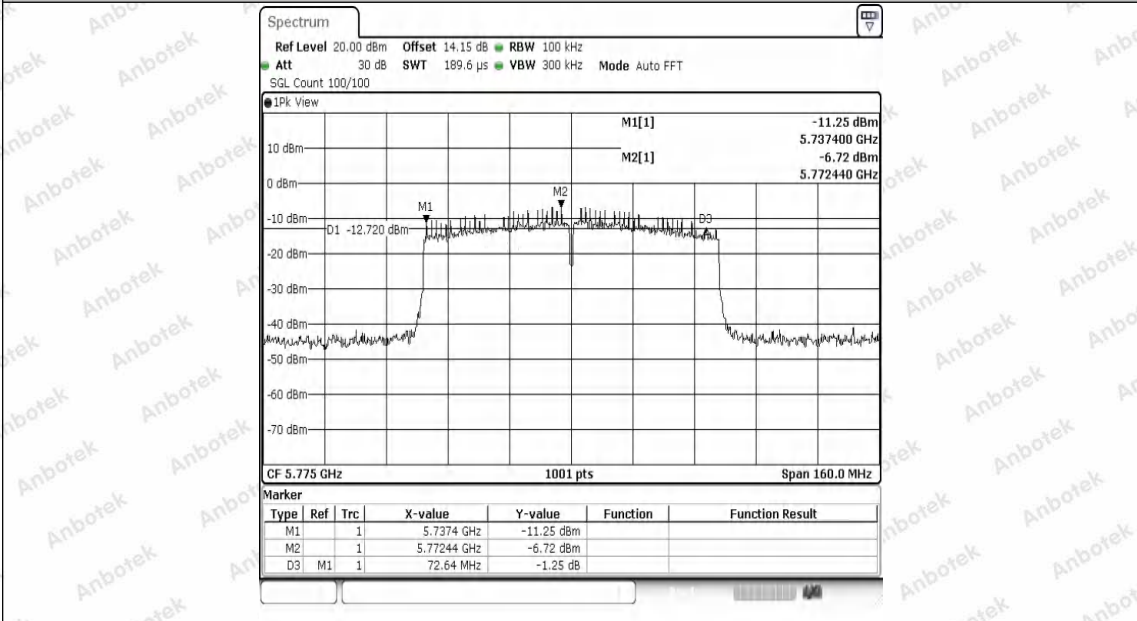
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11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS

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Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5745	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5785	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5825	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5745	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5785	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	5825	1.30	1.33	97.74	0.10	0.77
11N40SISO	Ant1	5755	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5745	1.31	1.34	97.76	0.10	0.76
11AC20SISO	Ant1	5785	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5825	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5755	0.65	0.68	95.59	0.20	1.54
11AC40SISO	Ant1	5795	0.66	0.69	95.65	0.19	1.52
11AC80SISO	Ant1	5775	0.33	0.36	91.67	0.38	3.03

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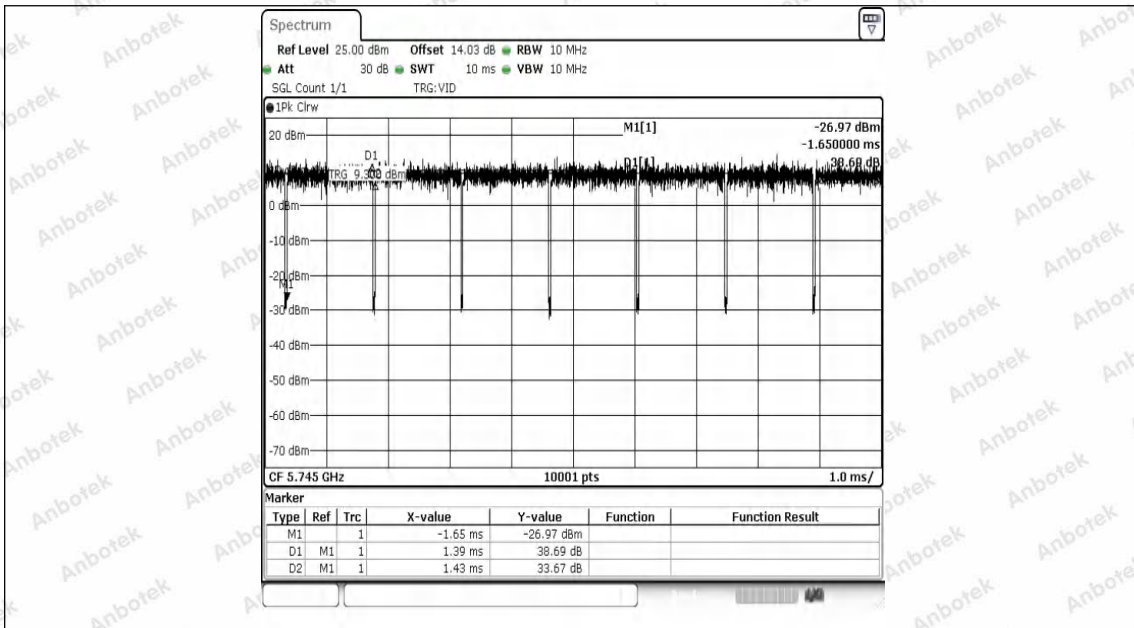
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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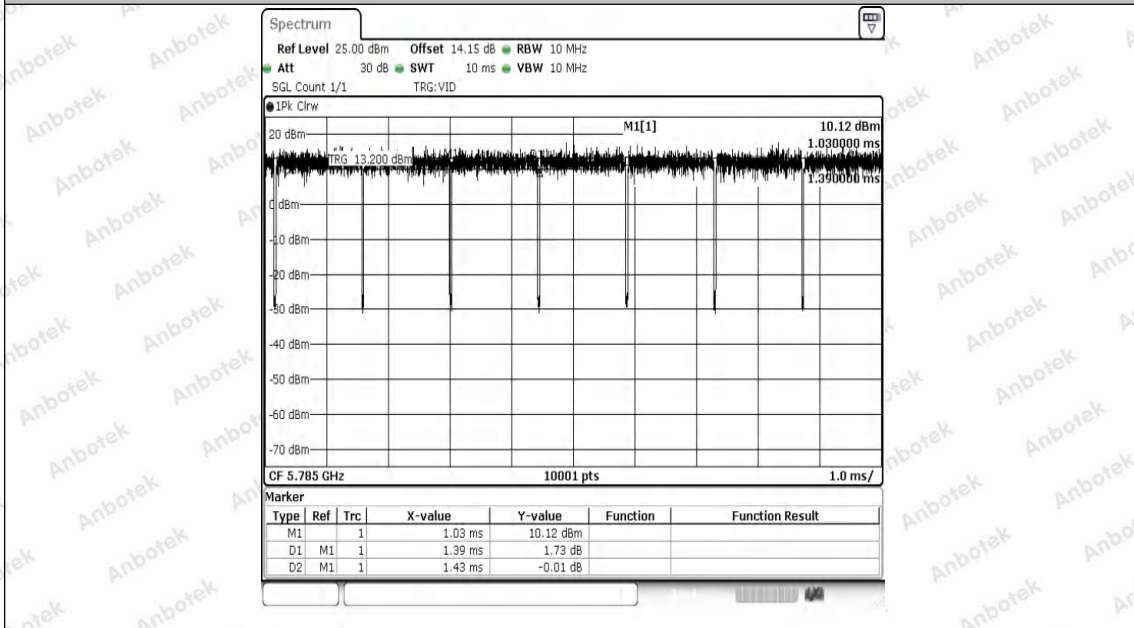
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Test Graphs



NTNV-11A-Ant1-5745



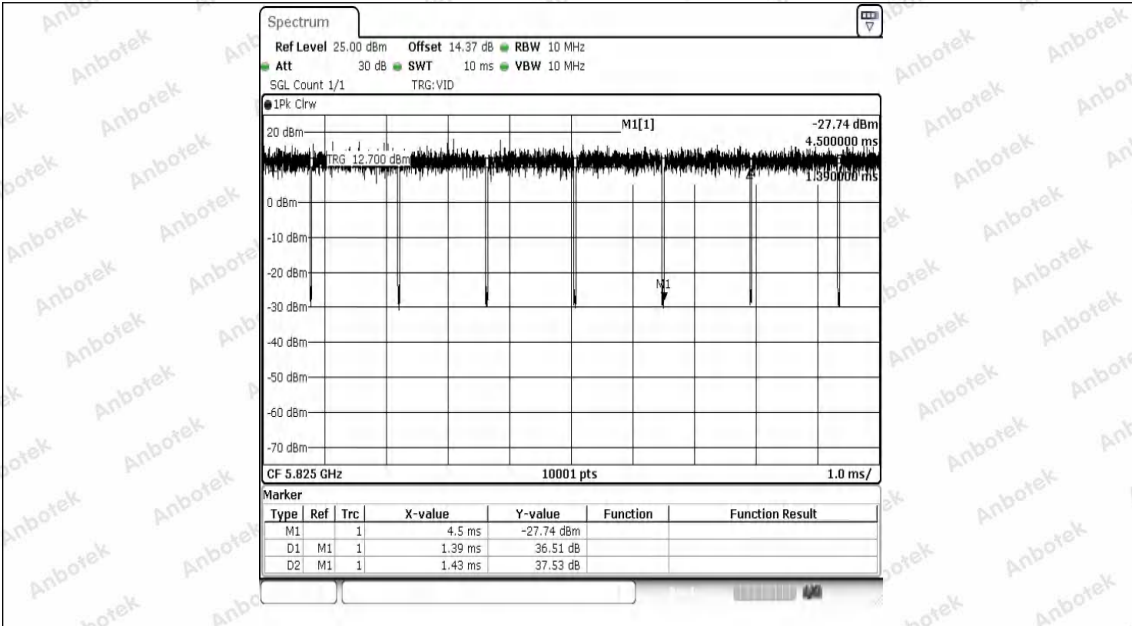
NTNV-11A-Ant1-5785

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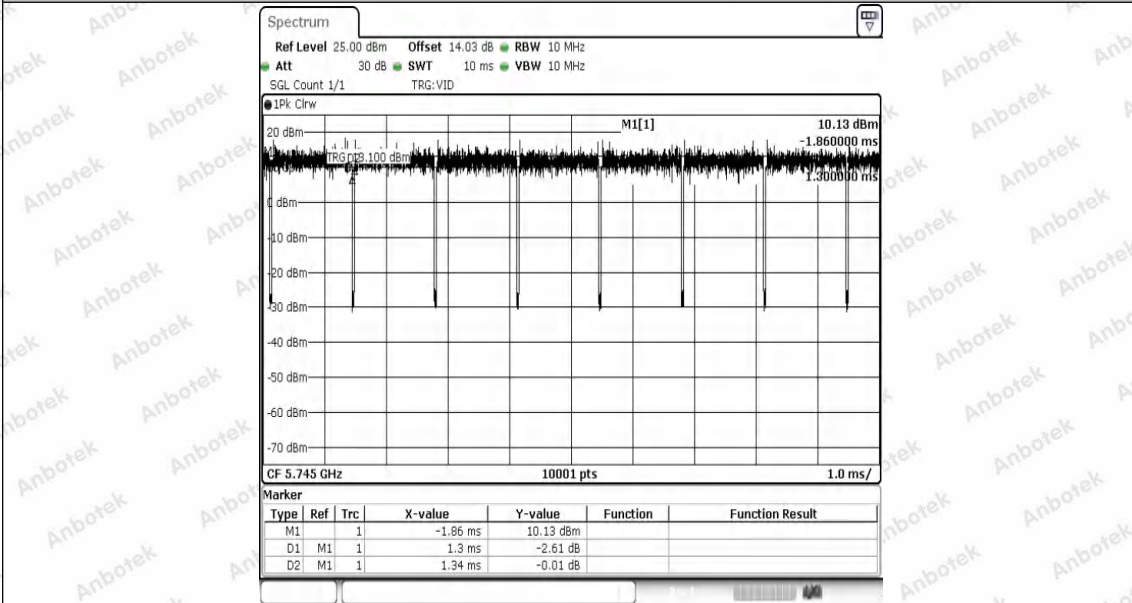
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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NTNV-11A-Ant1-5825



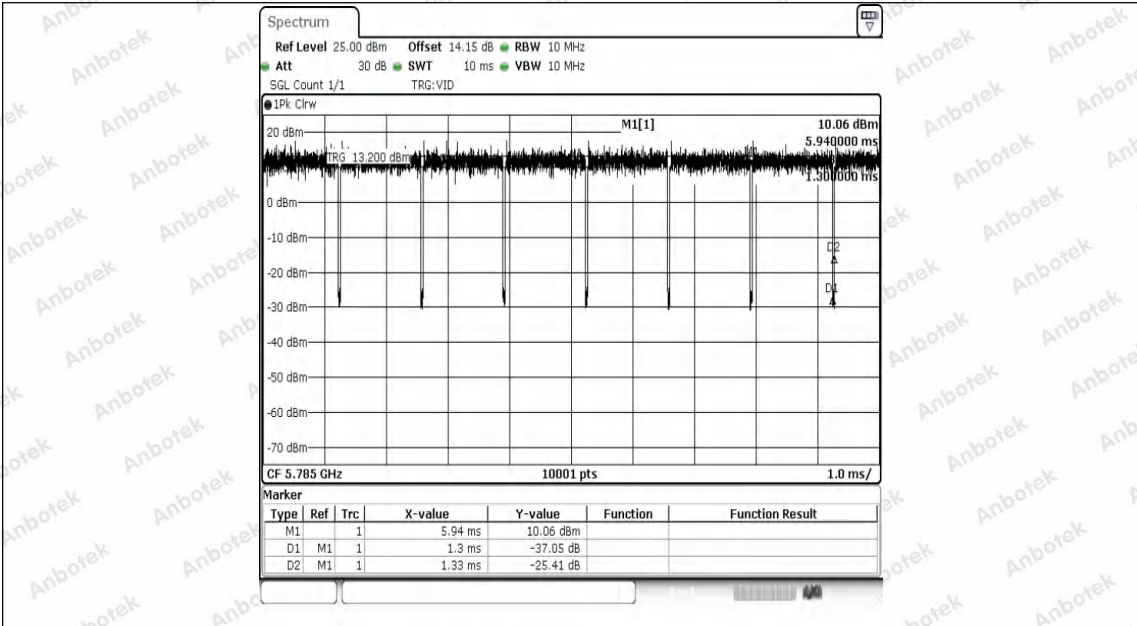
NTNV-11N20SISO-Ant1-5745

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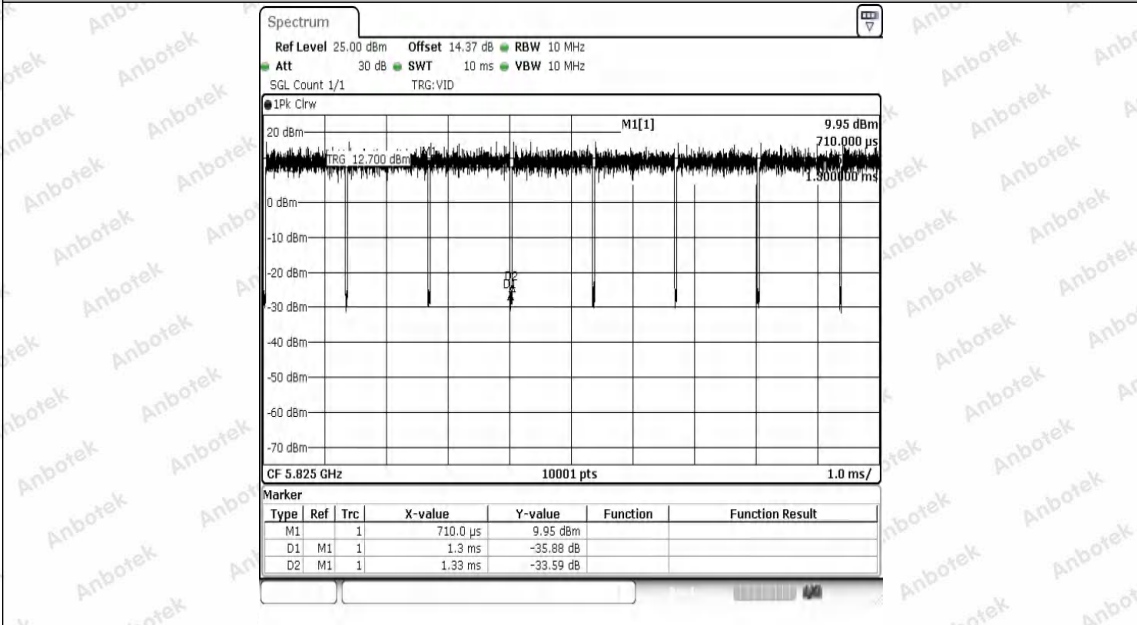
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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NTNV-11N20SISO-Ant1-5785



NTNV-11N20SISO-Ant1-5825

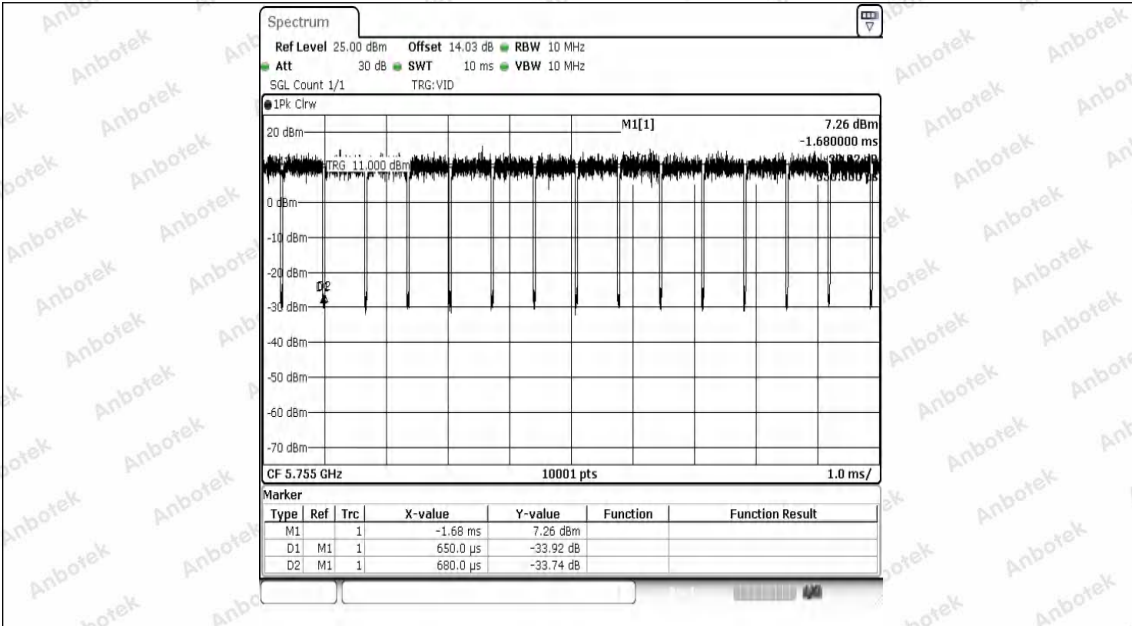
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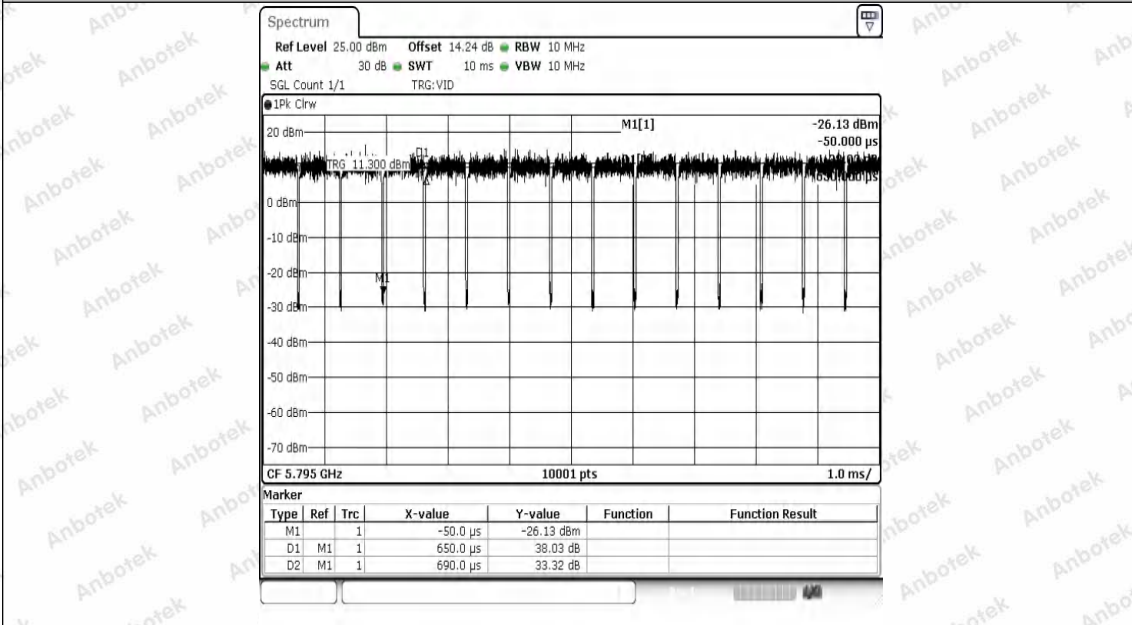


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NTNV-11N40SISO-Ant1-5755



NTNV-11N40SISO-Ant1-5795

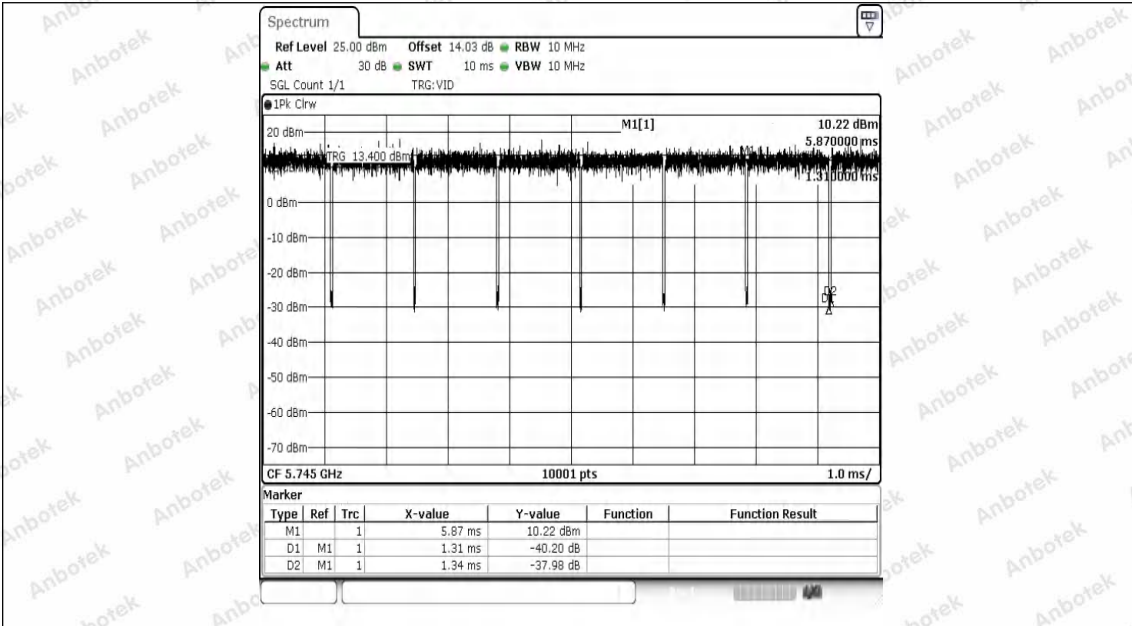
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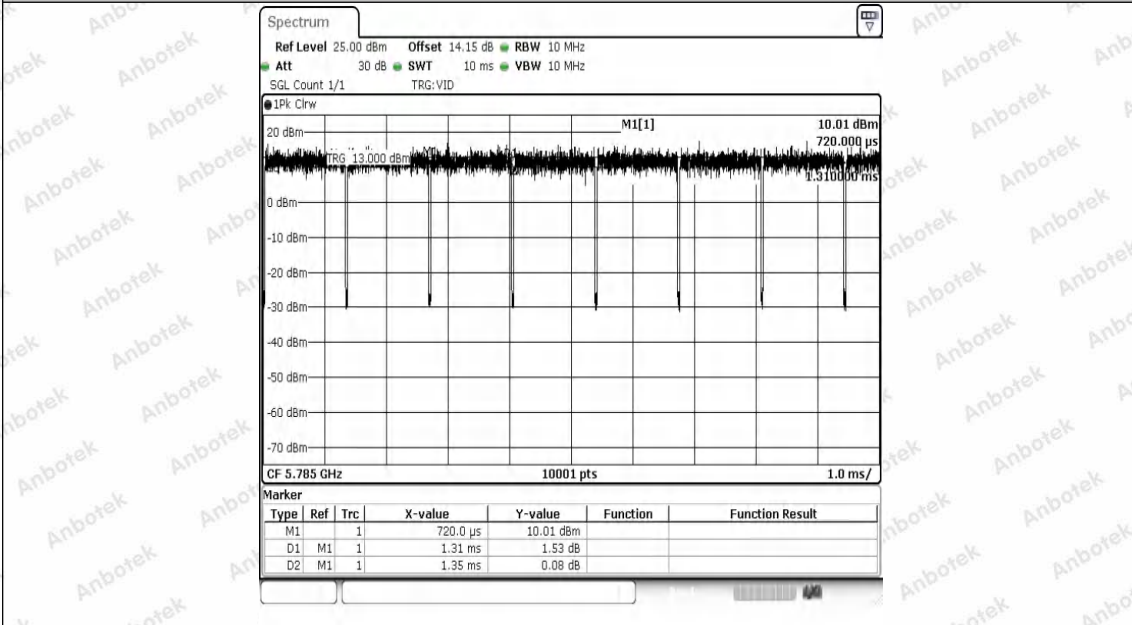


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NTNV-11AC20SISO-Ant1-5745



NTNV-11AC20SISO-Ant1-5785

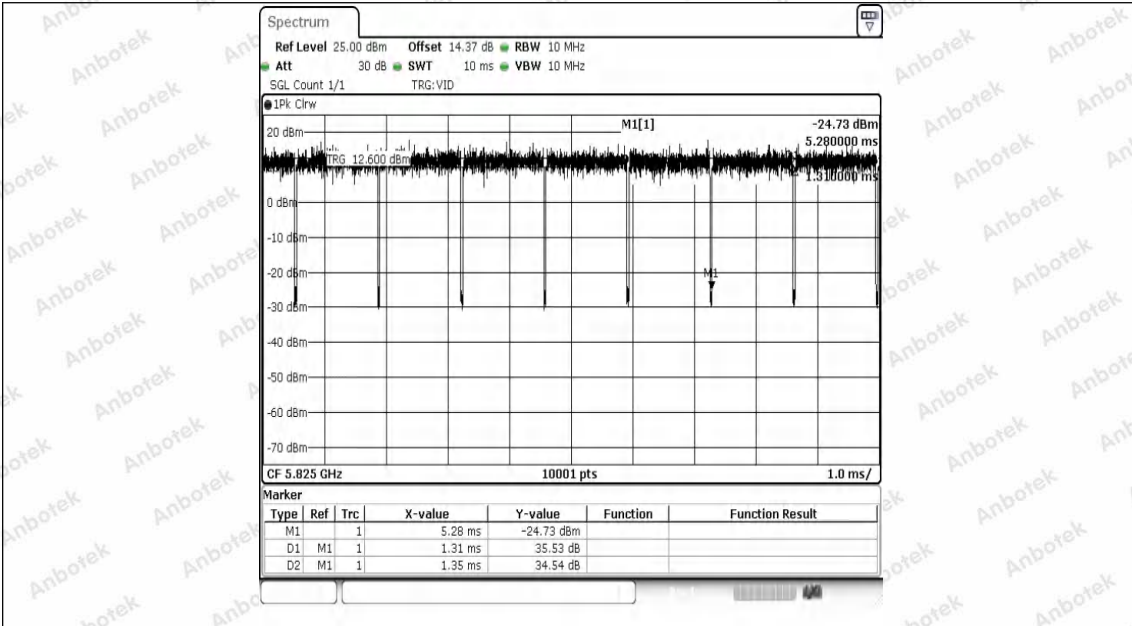
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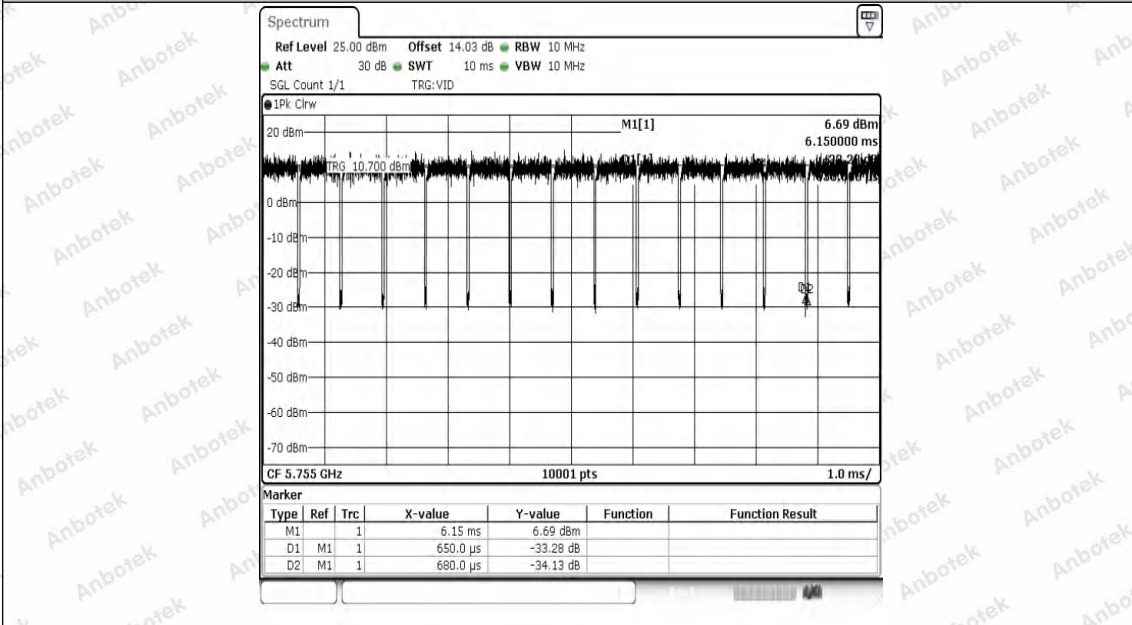


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NTNV-11AC20SISO-Ant1-5825



NTNV-11AC40SISO-Ant1-5755

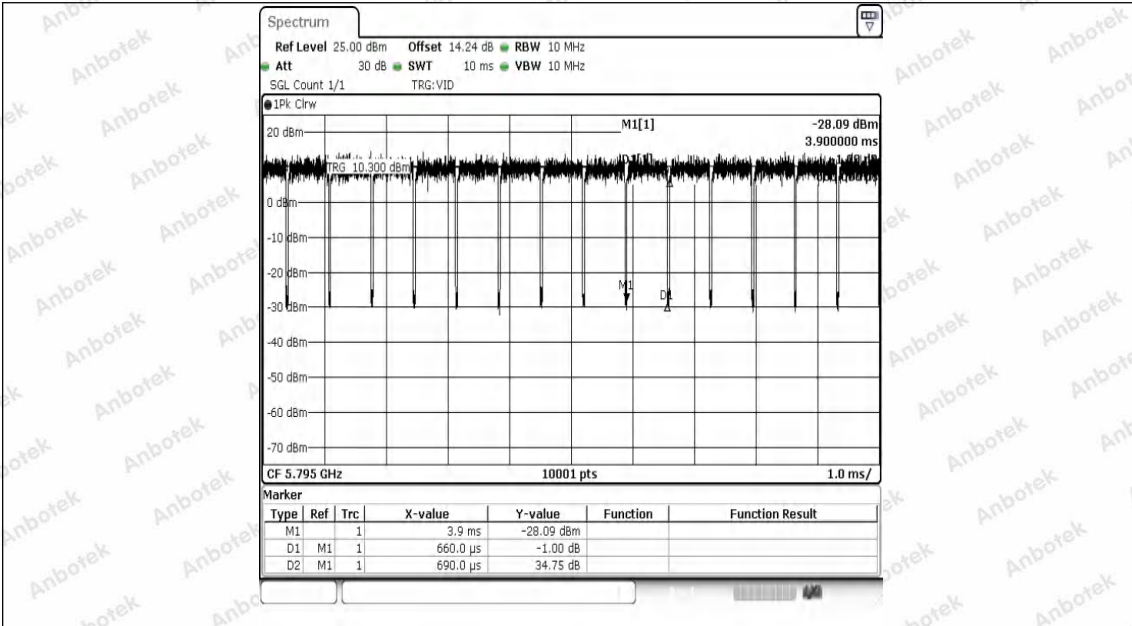
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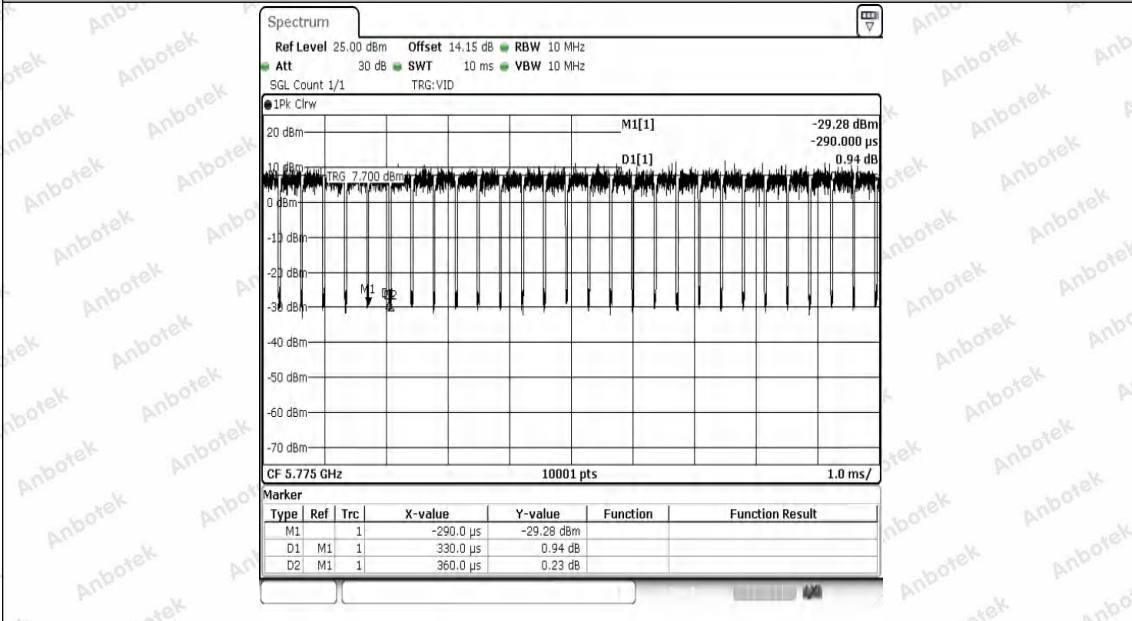


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NTNV-11AC40SISO-Ant1-5795



NTNV-11AC80SISO-Ant1-5775

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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	---	14.18	97.20	0.12	14.30	≤30.00	PASS
11A	Ant1	5785	---	13.67	97.20	0.12	13.79	≤30.00	PASS
11A	Ant1	5825	---	13.56	97.20	0.12	13.68	≤30.00	PASS
11N20SISO	Ant1	5745	---	13.62	97.01	0.13	13.75	≤30.00	PASS
11N20SISO	Ant1	5785	---	13.52	97.74	0.10	13.62	≤30.00	PASS
11N20SISO	Ant1	5825	---	13.50	97.74	0.10	13.60	≤30.00	PASS
11N40SISO	Ant1	5755	---	14.33	95.59	0.20	14.53	≤30.00	PASS
11N40SISO	Ant1	5795	---	13.75	94.20	0.26	14.01	≤30.00	PASS
11AC20SISO	Ant1	5745	---	13.58	97.76	0.10	13.68	≤30.00	PASS
11AC20SISO	Ant1	5785	---	13.54	97.04	0.13	13.67	≤30.00	PASS
11AC20SISO	Ant1	5825	---	13.47	97.04	0.13	13.60	≤30.00	PASS
11AC40SISO	Ant1	5755	---	13.86	95.59	0.20	14.06	≤30.00	PASS
11AC40SISO	Ant1	5795	---	13.81	95.65	0.19	14.00	≤30.00	PASS
11AC80SISO	Ant1	5775	---	13.87	91.67	0.38	14.25	≤30.00	PASS

Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.

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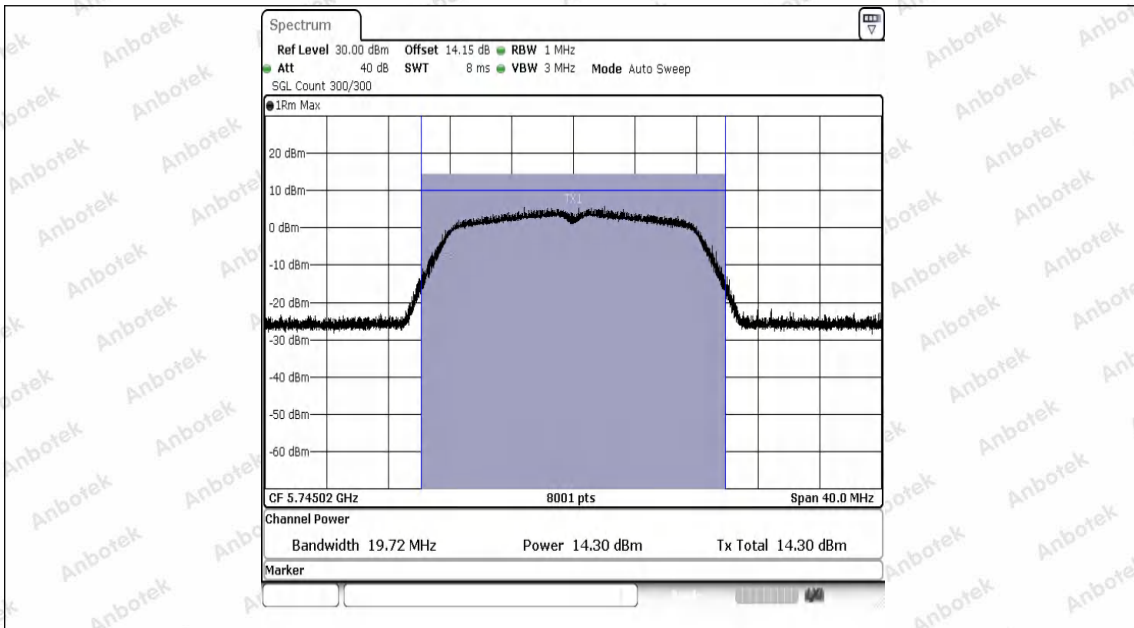
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



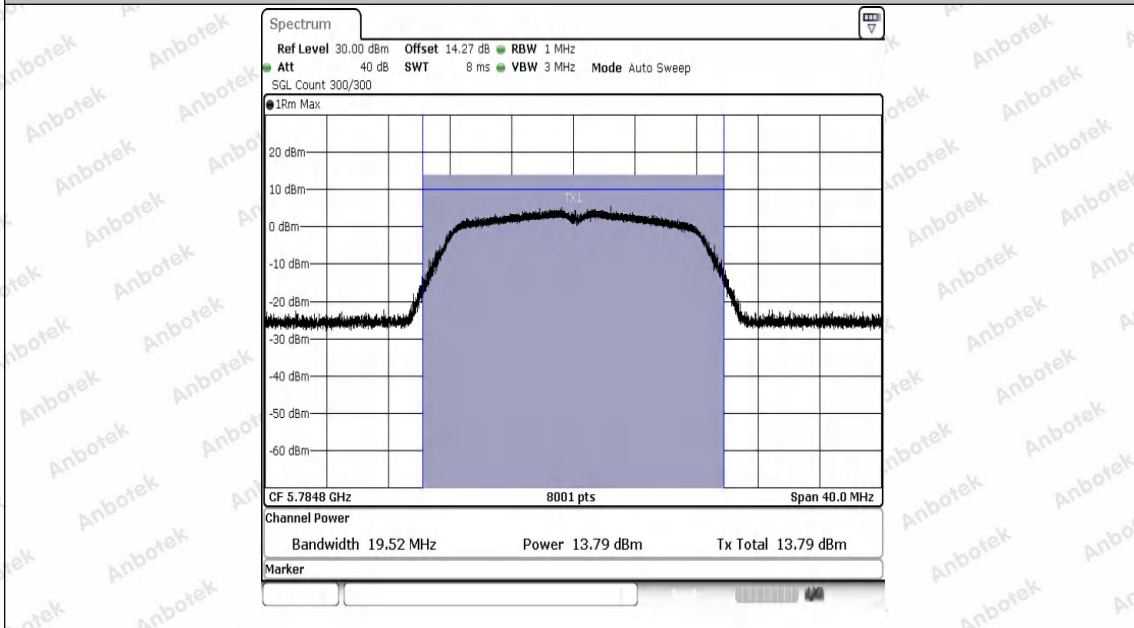
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Test Graphs Channel Power

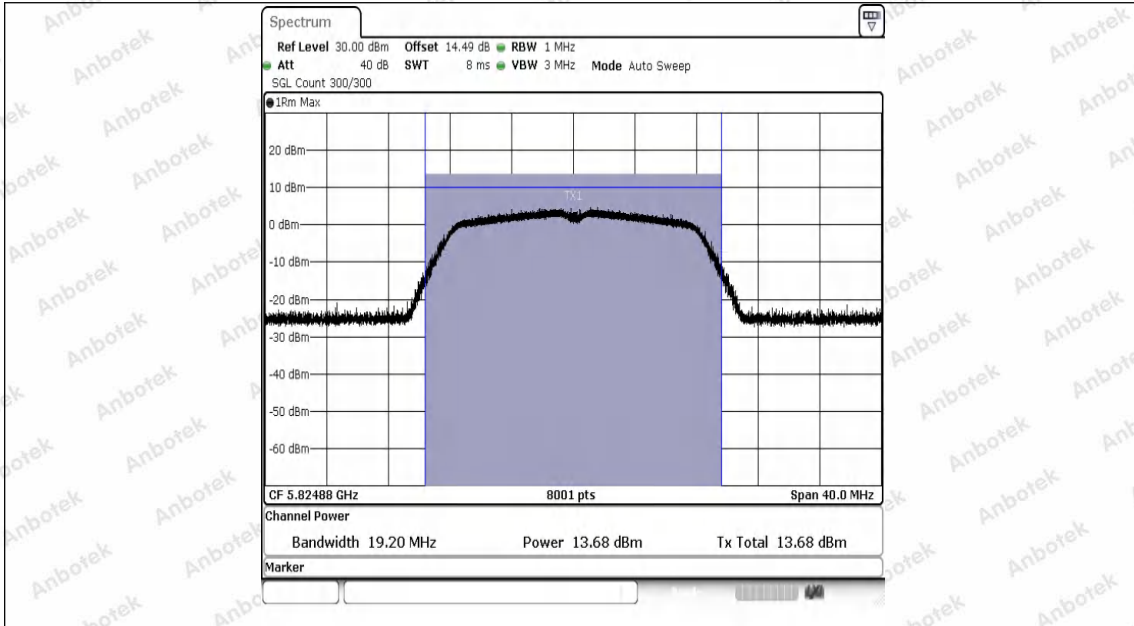


11A-Ant1-5745-PASS

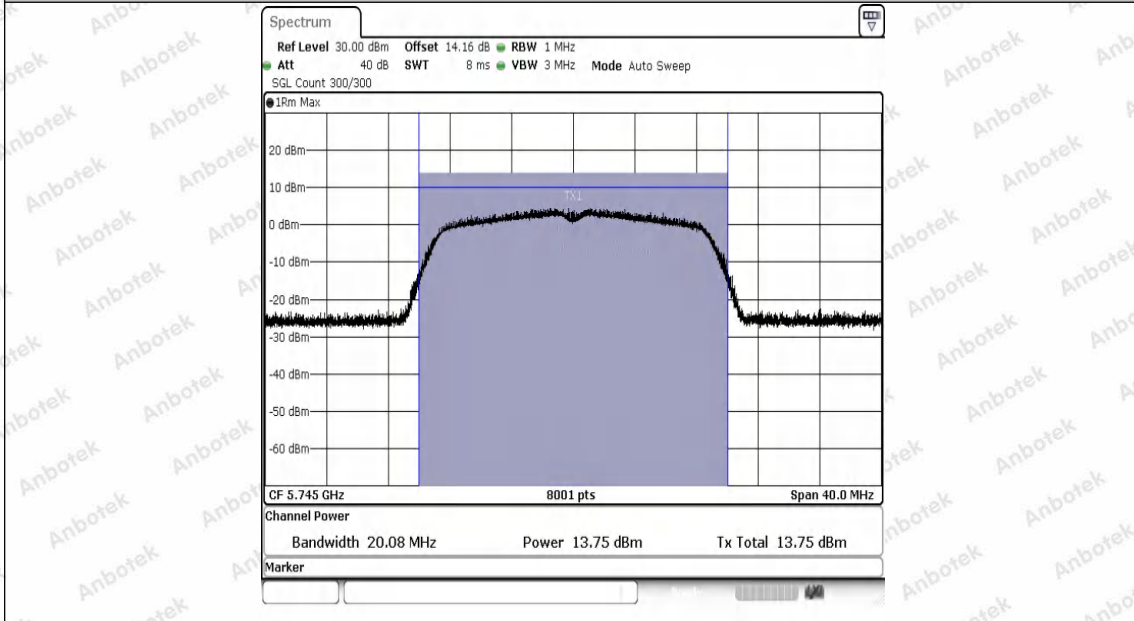


11A-Ant1-5785-PASS





11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS

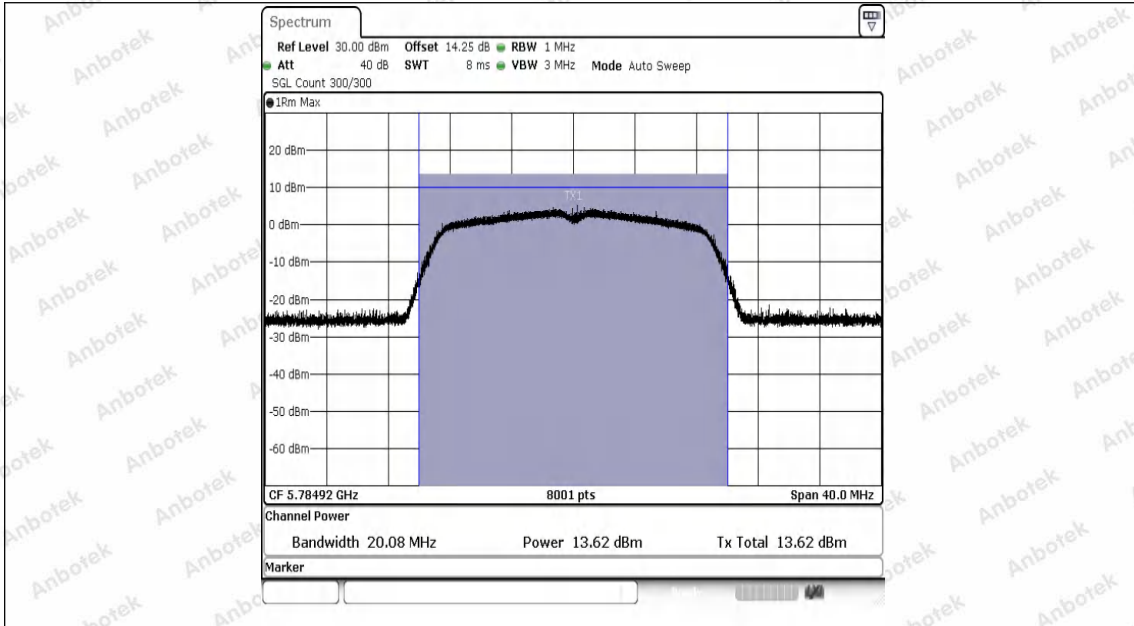
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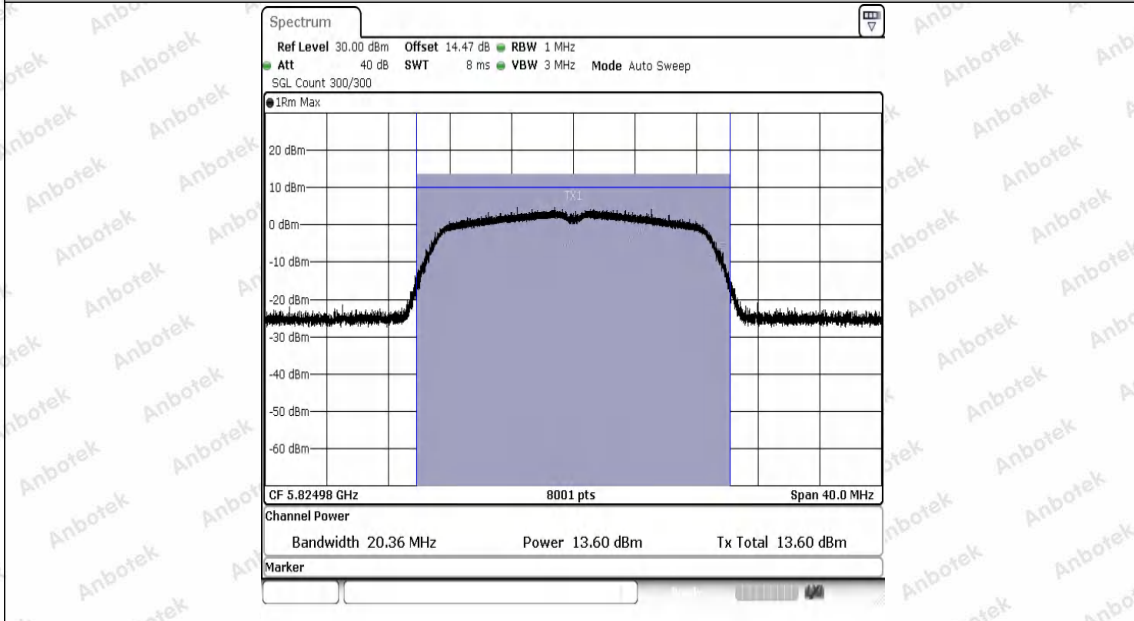


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11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS

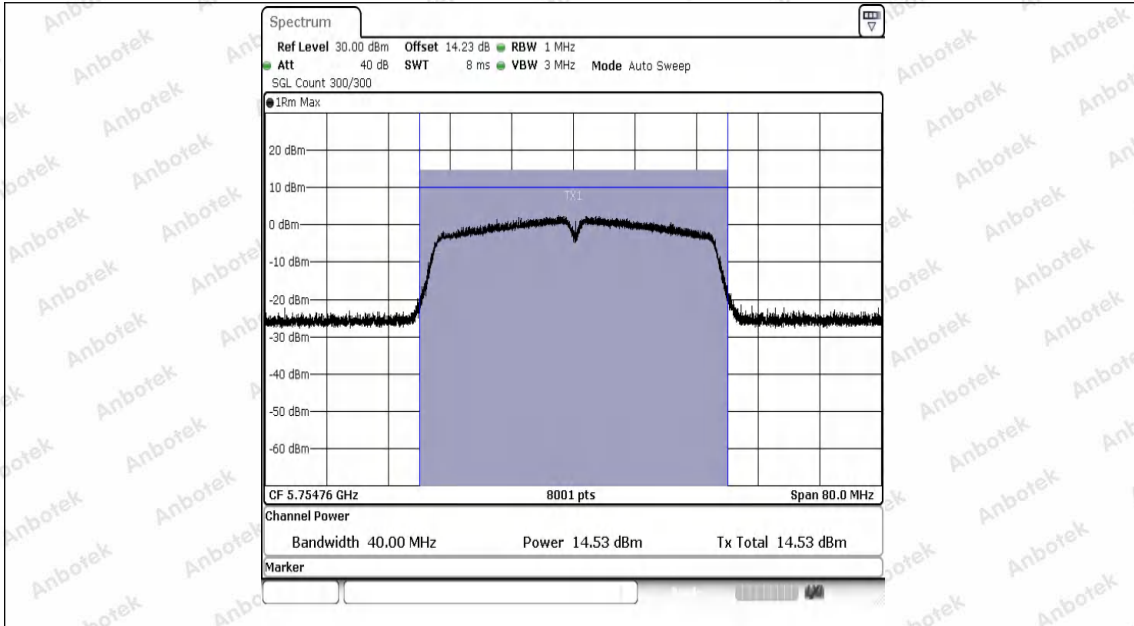
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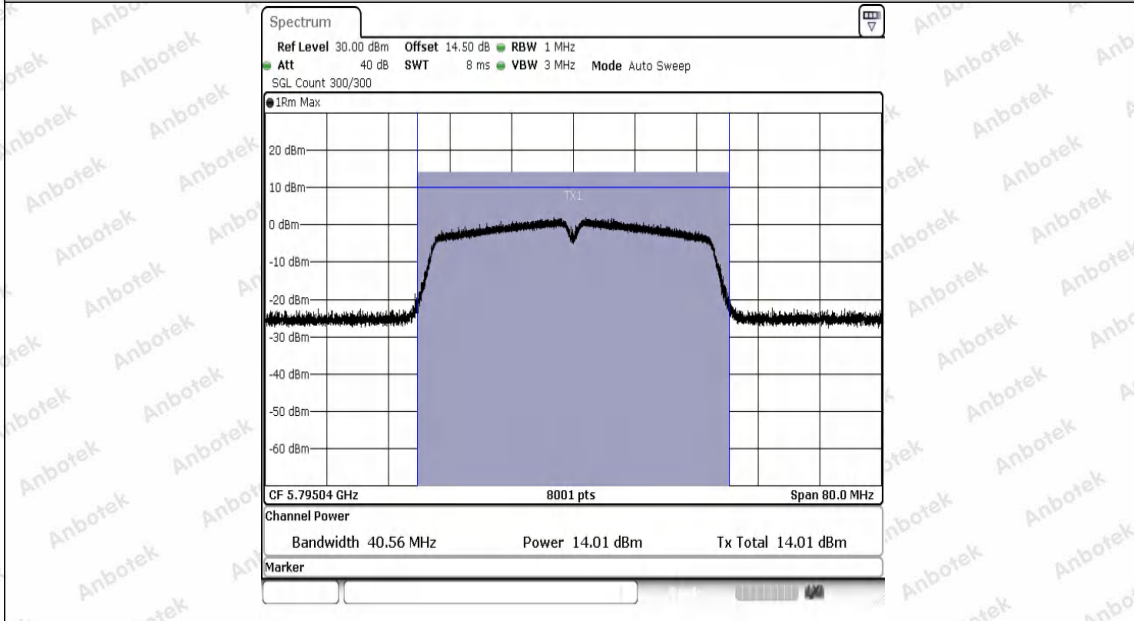


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11N40SISO-Ant1-5755-PASS



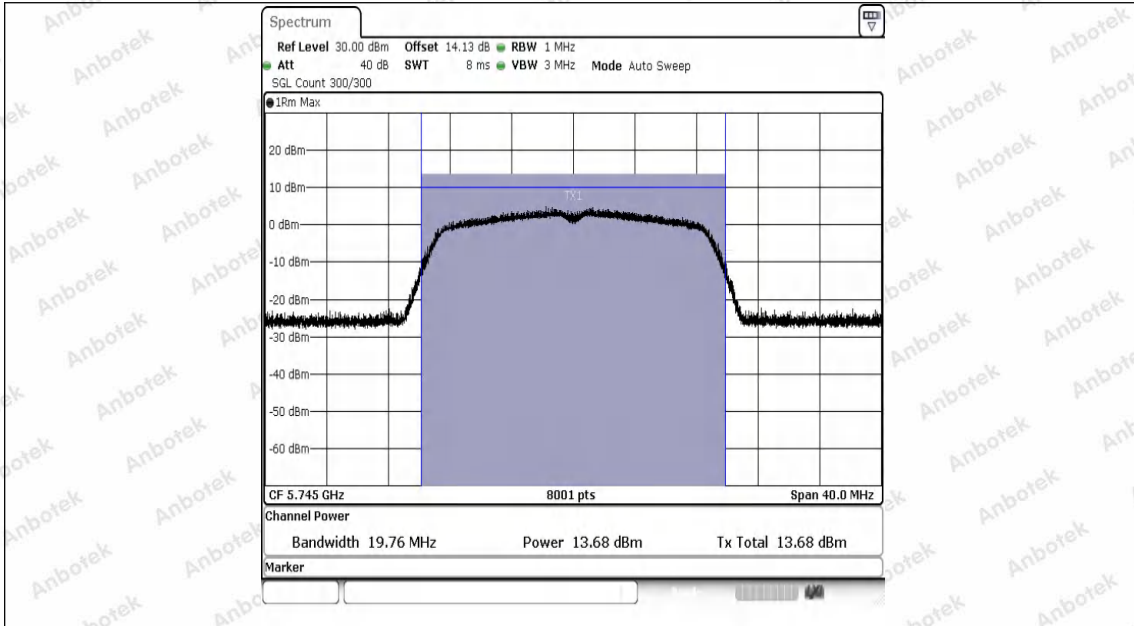
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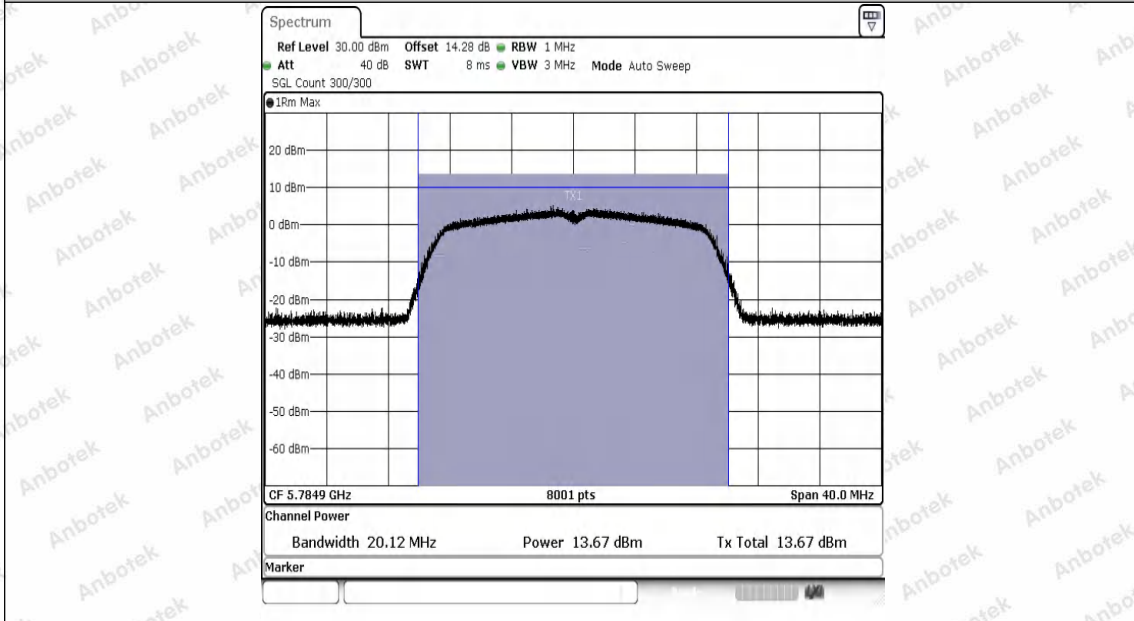
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11AC20SISO-Ant1-5745-PASS



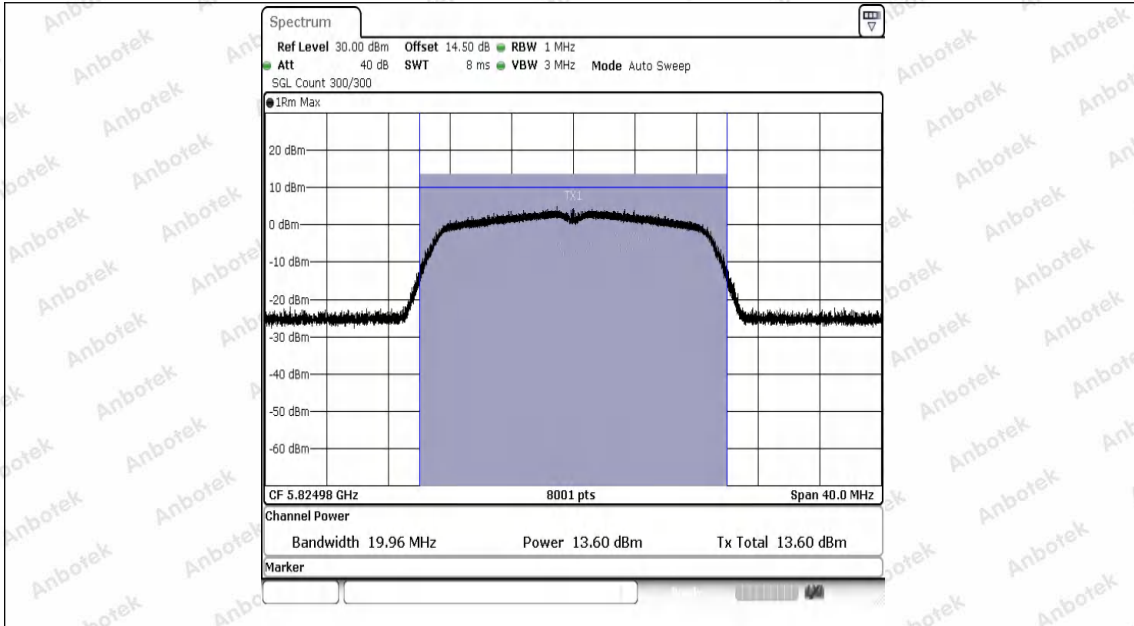
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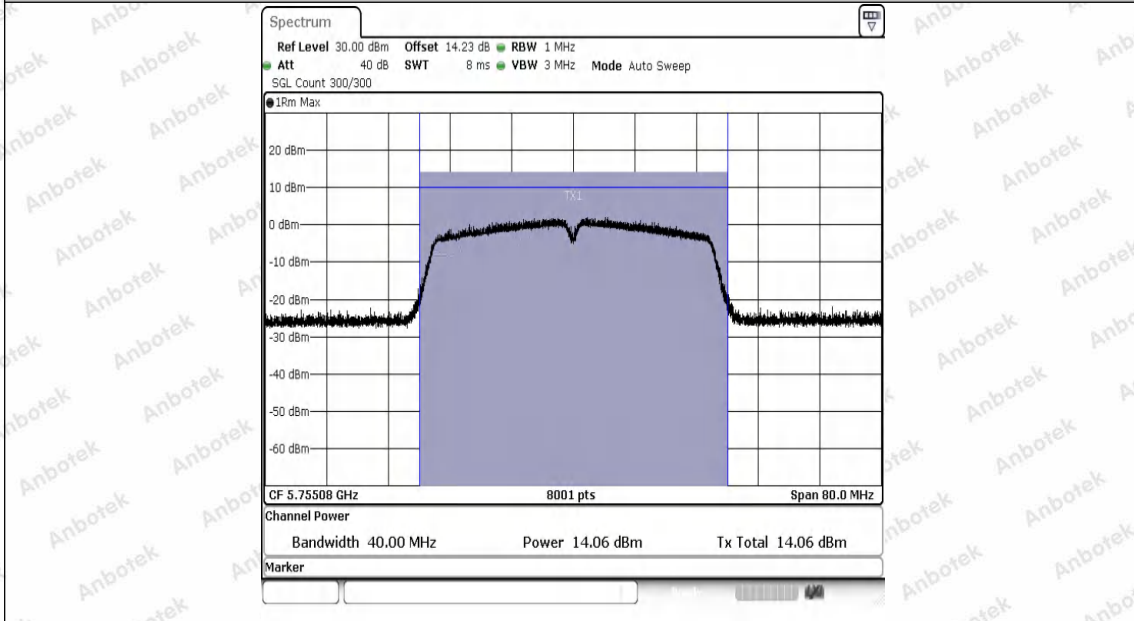
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11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS

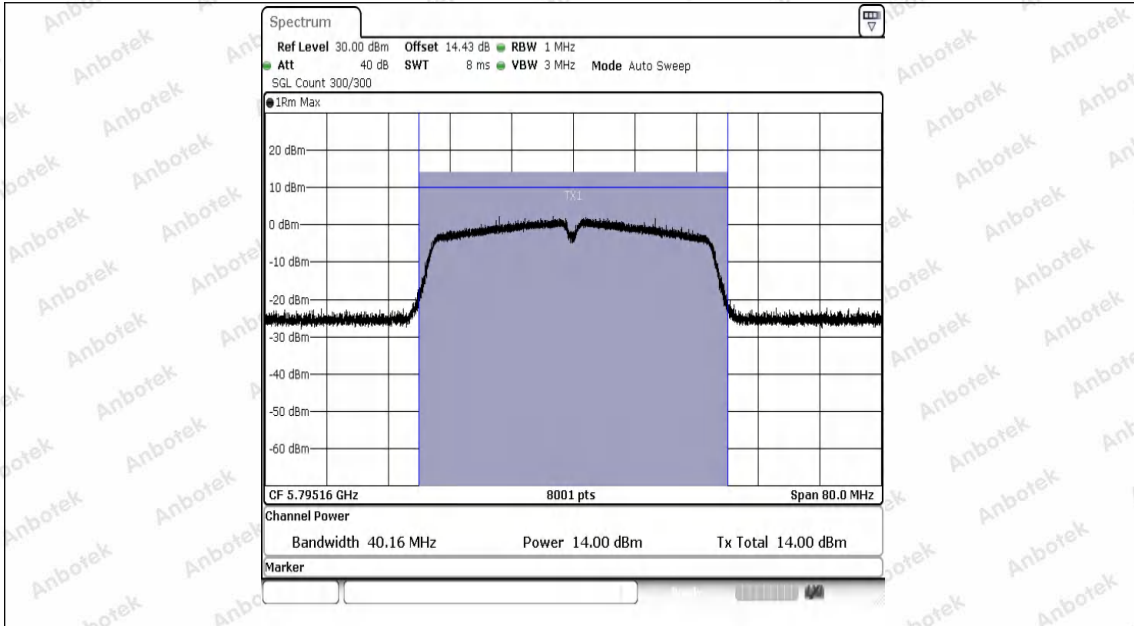
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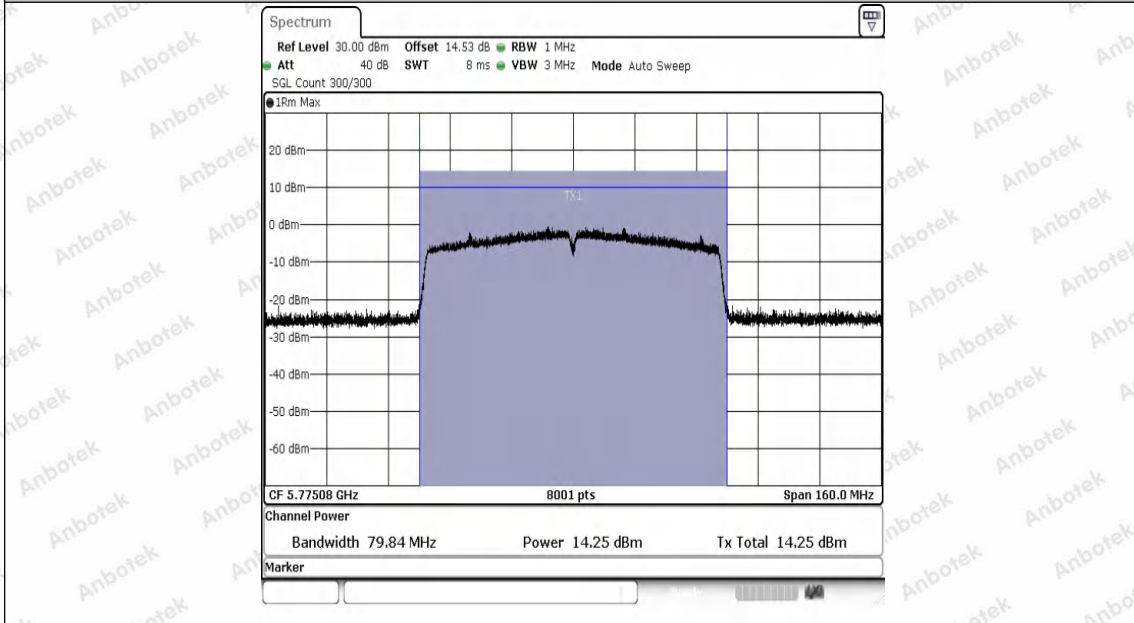


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11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS

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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-3.93	≤30.00	PASS
11A	Ant1	5785	-3.64	≤30.00	PASS
11A	Ant1	5825	-3.73	≤30.00	PASS
11N20SISO	Ant1	5745	-4.50	≤30.00	PASS
11N20SISO	Ant1	5785	-4.65	≤30.00	PASS
11N20SISO	Ant1	5825	-4.75	≤30.00	PASS
11N40SISO	Ant1	5755	-6.42	≤30.00	PASS
11N40SISO	Ant1	5795	-6.60	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.67	≤30.00	PASS
11AC20SISO	Ant1	5785	-4.98	≤30.00	PASS
11AC20SISO	Ant1	5825	-4.95	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.61	≤30.00	PASS
11AC40SISO	Ant1	5795	-7.68	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.82	≤30.00	PASS

Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.

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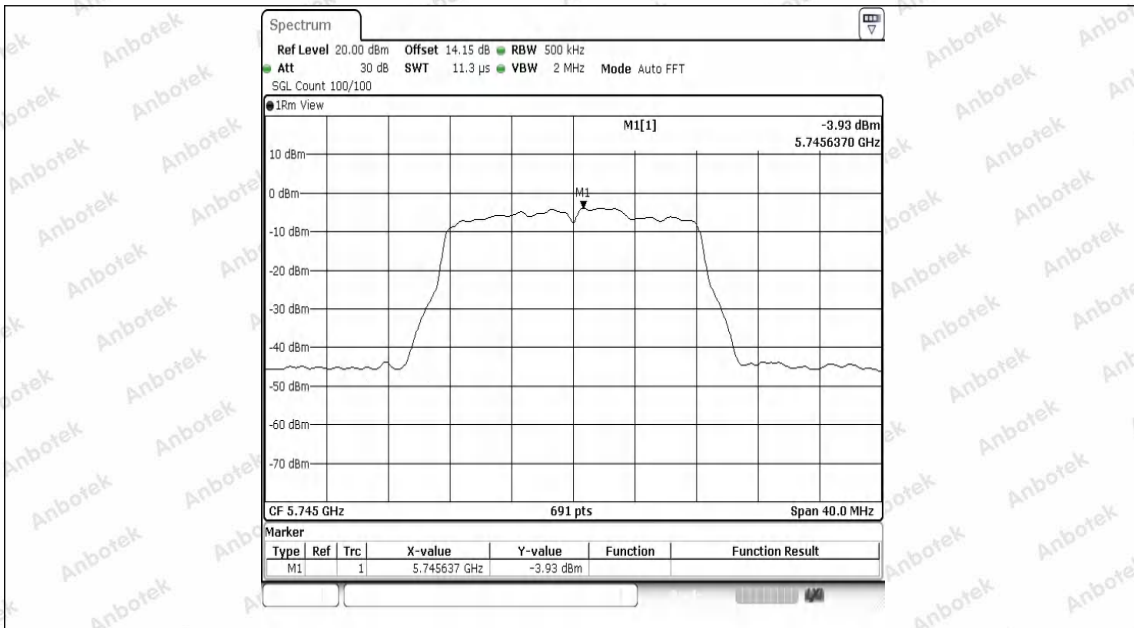
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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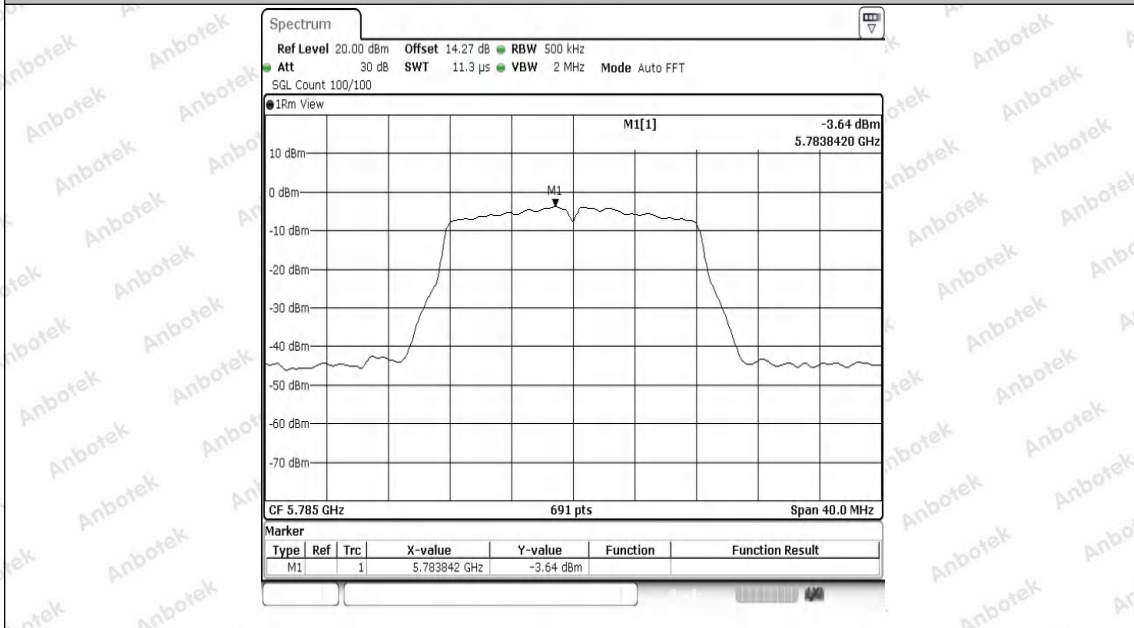
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Test Graphs



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS

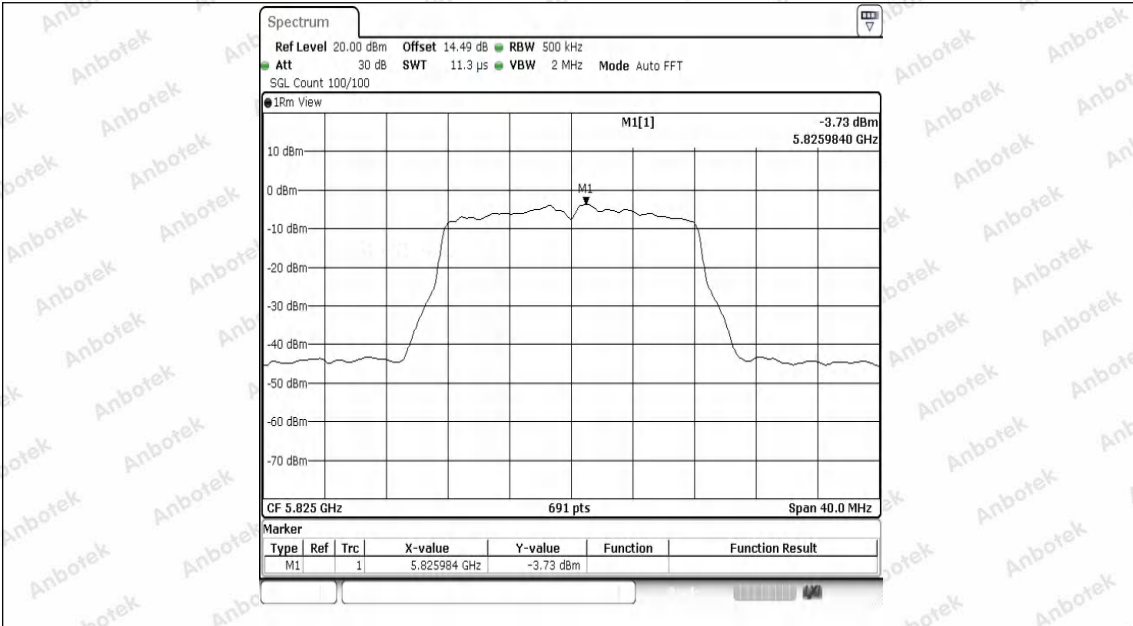
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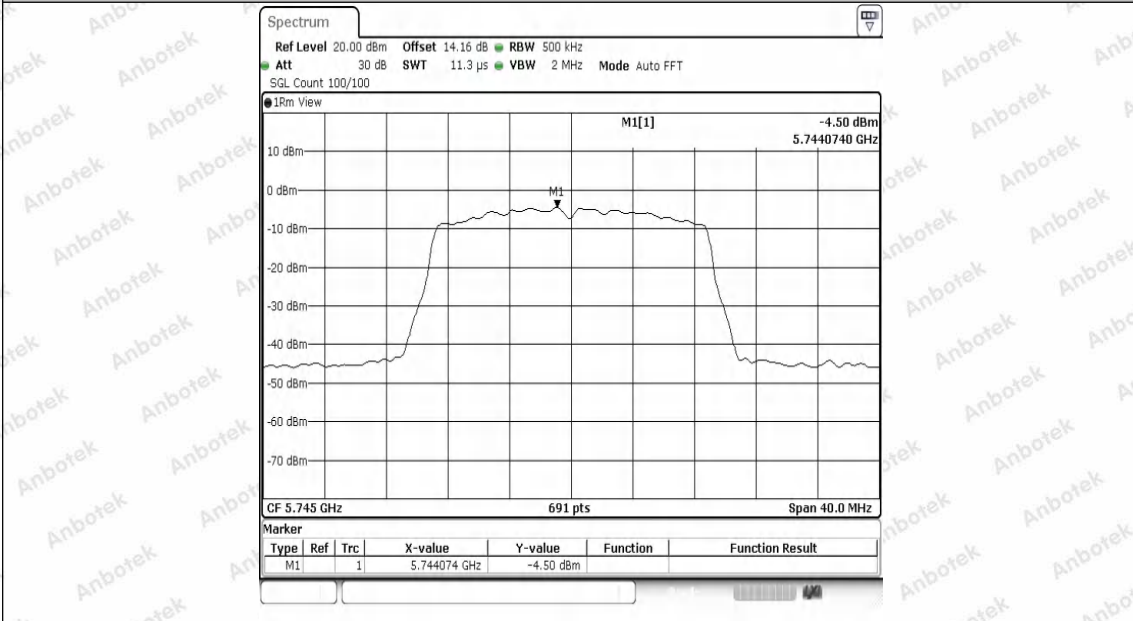


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11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS

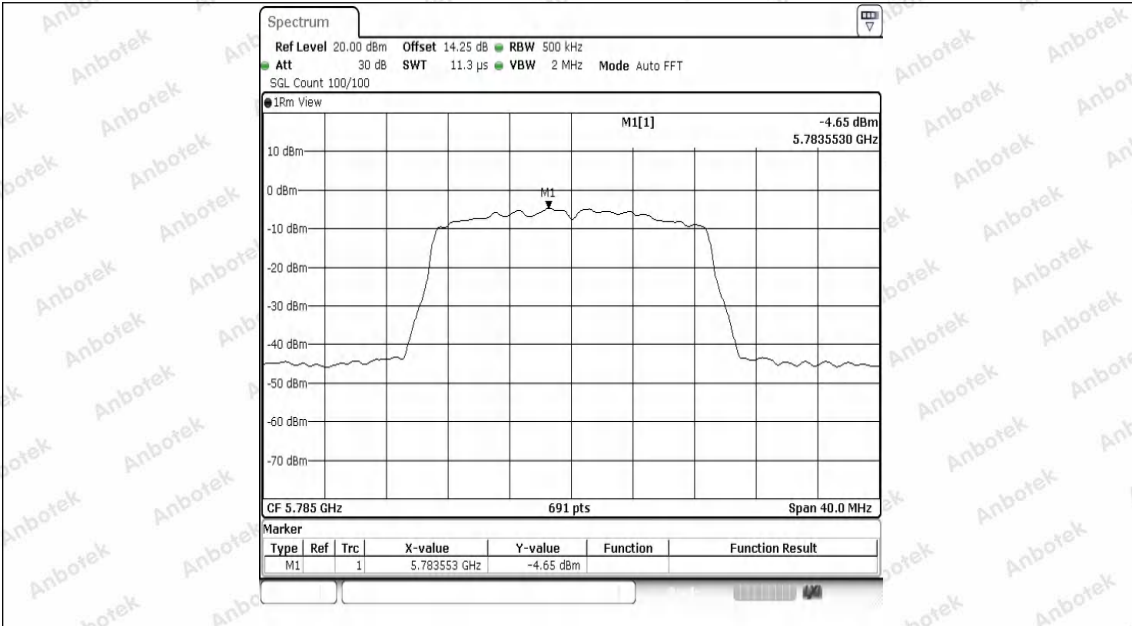
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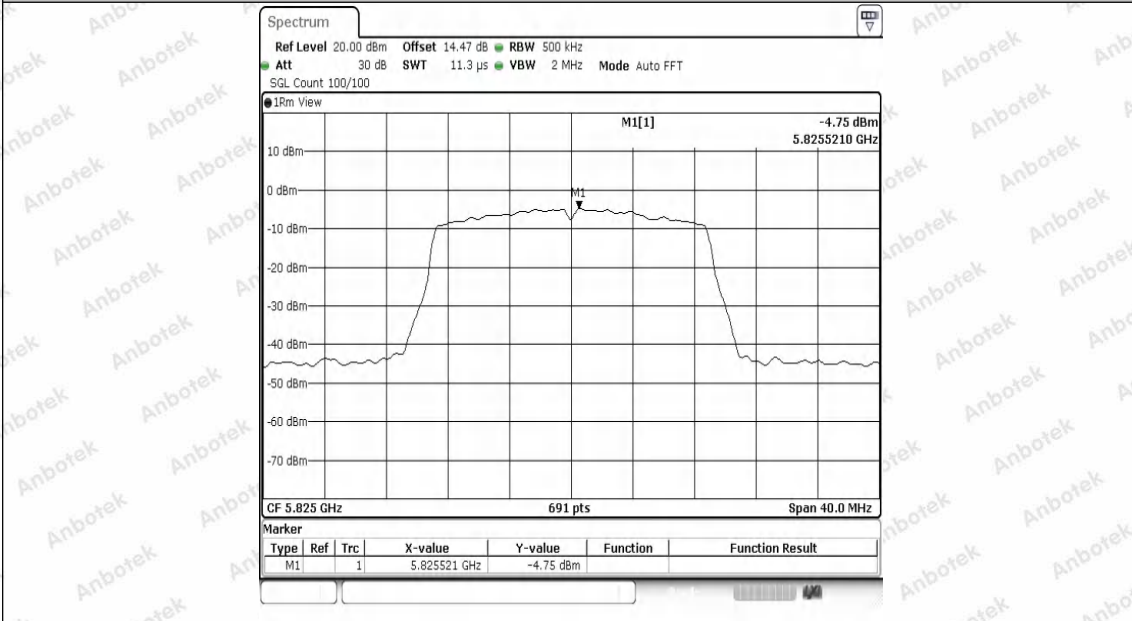


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11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS

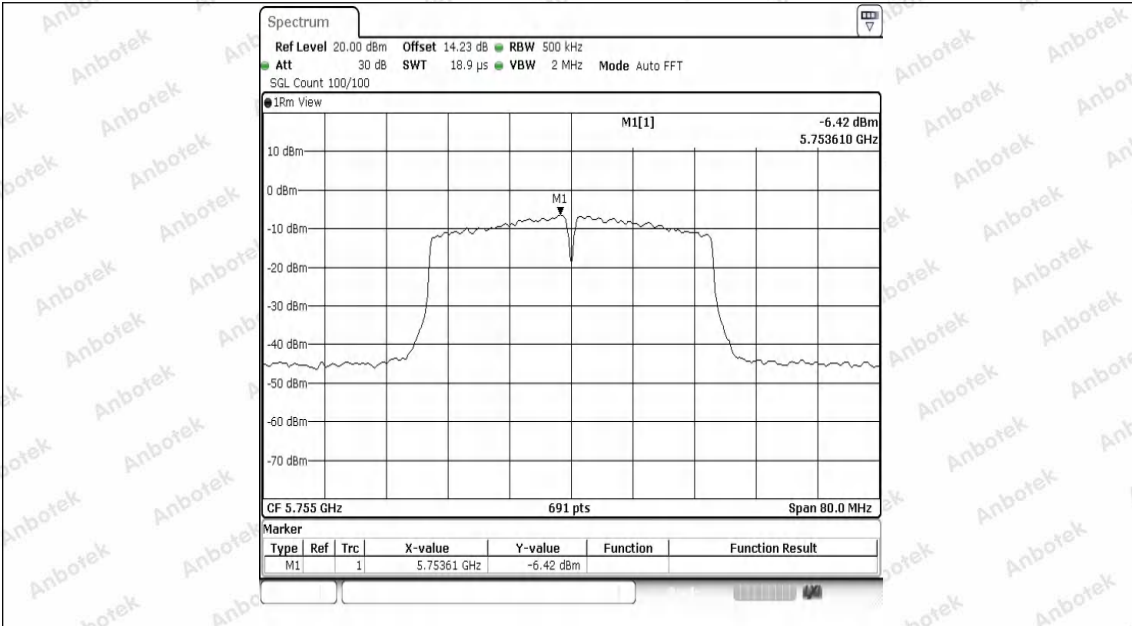
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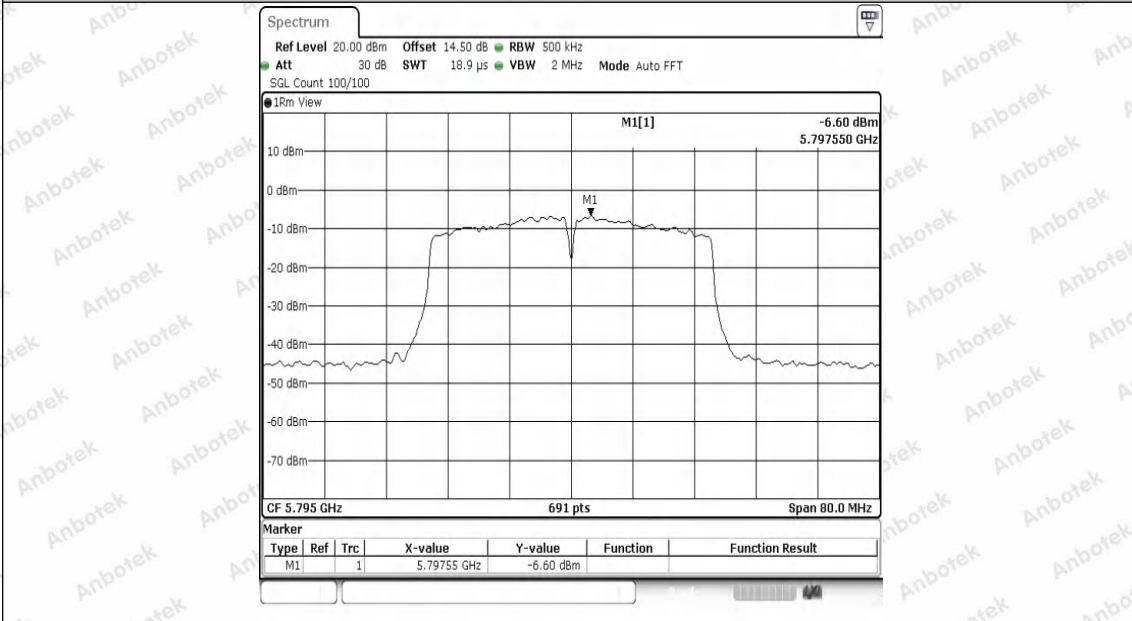


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11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS

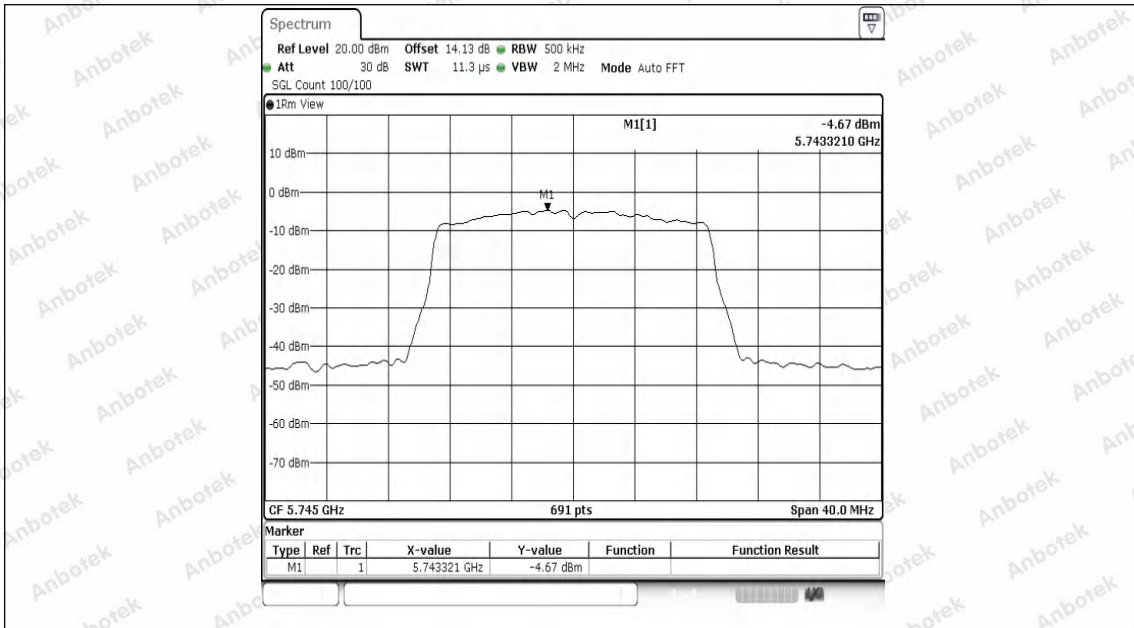
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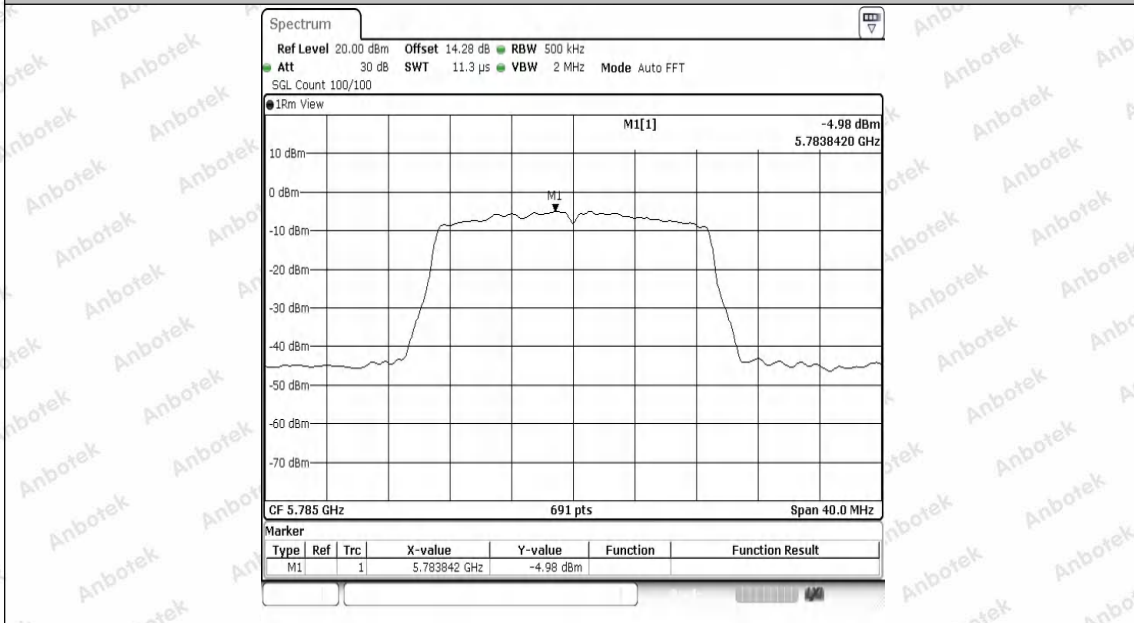


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11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS

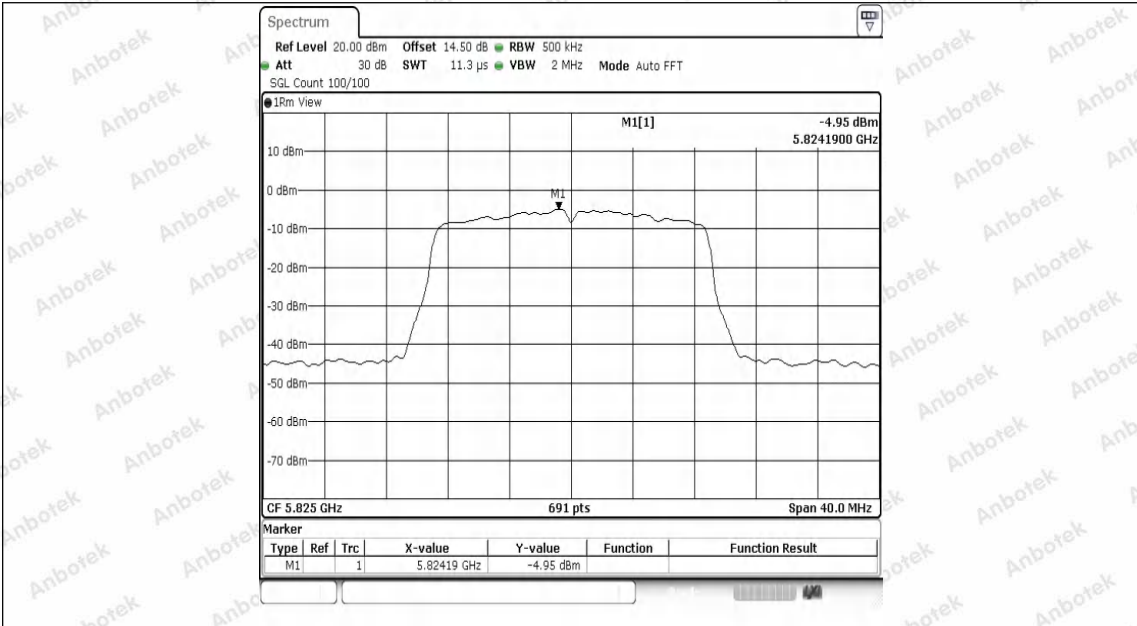
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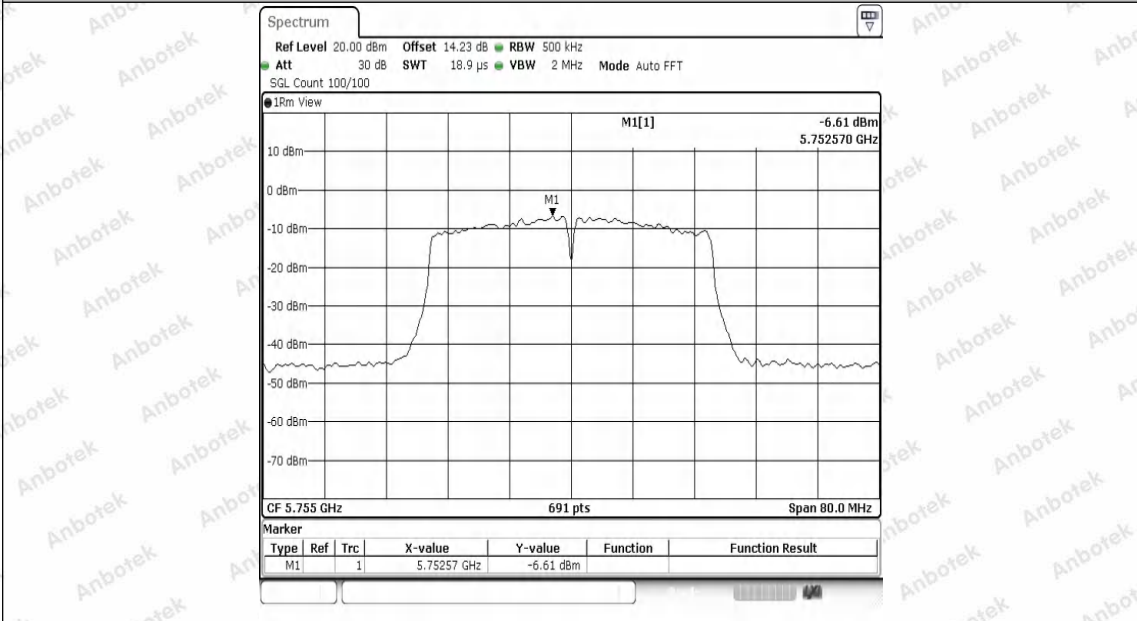


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11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS

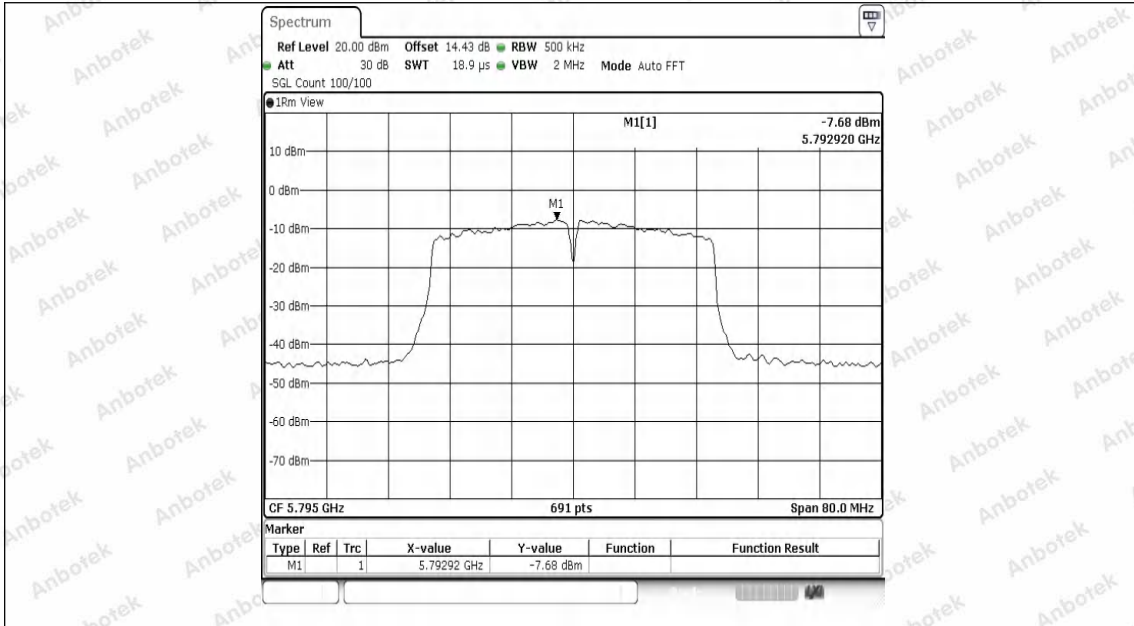
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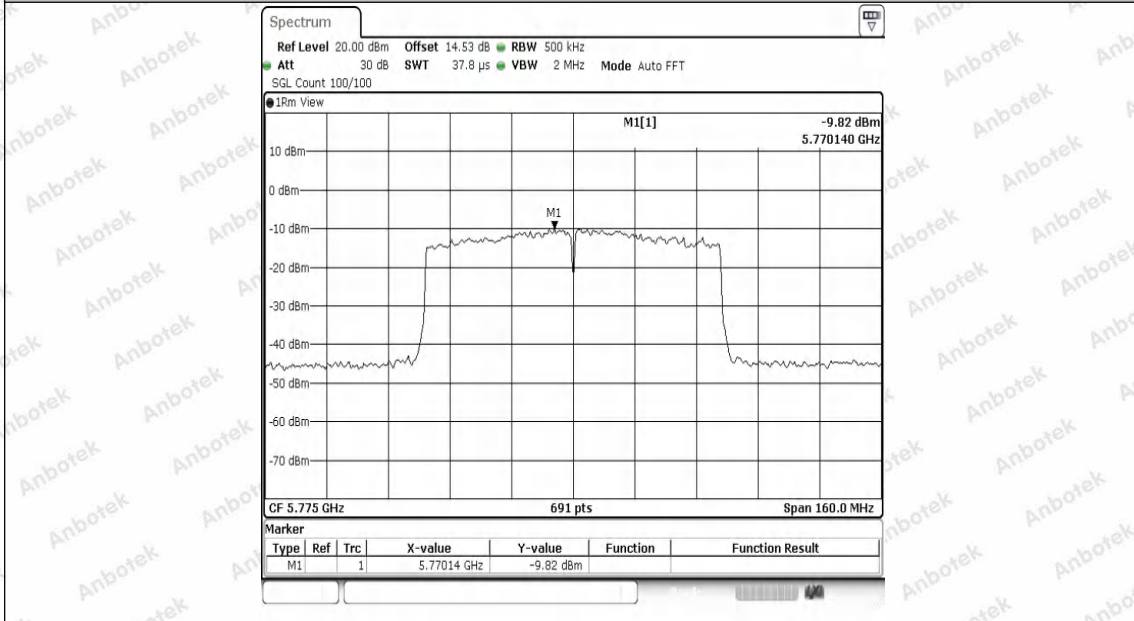


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11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS

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Appendix E: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-44.61	≤15.98	PASS
11A	Ant1	Low	5745	5700~5720	-42.32	≤10.93	PASS
11A	Ant1	Low	5745	5650~5700	-43.37	≤-25.27	PASS
11A	Ant1	Low	5745	5645~5650	-43.24	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-43.2	≤16.54	PASS
11A	Ant1	High	5825	5855~5875	-41.68	≤11.22	PASS
11A	Ant1	High	5825	5875~5925	-44.59	≤-26.58	PASS
11A	Ant1	High	5825	5925~5935	-42.58	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5720~5725	-42.41	≤15.98	PASS
11N20SI SO	Ant1	Low	5745	5700~5720	-44.43	≤10.19	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-44.3	≤-26.14	PASS
11N20SI SO	Ant1	Low	5745	5645~5650	-44.5	≤-27	PASS
11N20SI SO	Ant1	High	5825	5875~5925	-44.39	≤-26.87	PASS
11N20SI SO	Ant1	High	5825	5925~5935	-43.54	≤-27	PASS
11N20SI SO	Ant1	High	5825	5850~5855	-42.79	≤15.65	PASS
11N20SI SO	Ant1	High	5825	5855~5875	-43.56	≤10.35	PASS
11N40SI SO	Ant1	Low	5755	5720~5725	-39.94	≤15.90	PASS
11N40SI SO	Ant1	Low	5755	5700~5720	-41.24	≤10.87	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-45.52	≤-26.65	PASS
11N40SI SO	Ant1	Low	5755	5645~5650	-44.91	≤-27	PASS
11N40SI SO	Ant1	High	5795	5850~5855	-43.48	≤15.85	PASS
11N40SI SO	Ant1	High	5795	5855~5875	-41.56	≤10.27	PASS
11N40SI SO	Ant1	High	5795	5875~5925	-43.17	≤-25.73	PASS

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11N40SI SO	Ant1	High	5795	5925~5935	-42.9	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5720~5725	-42.37	≤15.98	PASS
11AC20S ISO	Ant1	Low	5745	5700~5720	-42.55	≤11.63	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-44.46	≤-26.75	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-43.36	≤-27	PASS
11AC20S ISO	Ant1	High	5825	5850~5855	-43.66	≤15.65	PASS
11AC20S ISO	Ant1	High	5825	5855~5875	-42.91	≤10.02	PASS
11AC20S ISO	Ant1	High	5825	5875~5925	-42.87	≤-26.29	PASS
11AC20S ISO	Ant1	High	5825	5925~5935	-41.85	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5720~5725	-42.15	≤15.90	PASS
11AC40S ISO	Ant1	Low	5755	5700~5720	-43.33	≤10.21	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-44.82	≤-26.79	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-43.87	≤-27	PASS
11AC40S ISO	Ant1	High	5795	5850~5855	-43.8	≤15.85	PASS
11AC40S ISO	Ant1	High	5795	5855~5875	-42.56	≤10.94	PASS
11AC40S ISO	Ant1	High	5795	5875~5925	-44	≤-26.97	PASS
11AC40S ISO	Ant1	High	5795	5925~5935	-41.65	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5720~5725	-42.94	≤16.18	PASS
11AC80S ISO	Ant1	Low	5775	5700~5720	-42.3	≤10.64	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-45.26	≤-26.88	PASS
11AC80S ISO	Ant1	Low	5775	5645~5650	-42.66	≤-27	PASS
11AC80S ISO	Ant1	High	5775	5850~5855	-37.84	≤17.20	PASS

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11AC80S ISO	Ant1	High	5775	5855~5875	-38.39	≤12.94	PASS
11AC80S ISO	Ant1	High	5775	5875~5925	-44.54	≤-26.86	PASS
11AC80S ISO	Ant1	High	5775	5925~5935	-43.31	≤-27	PASS

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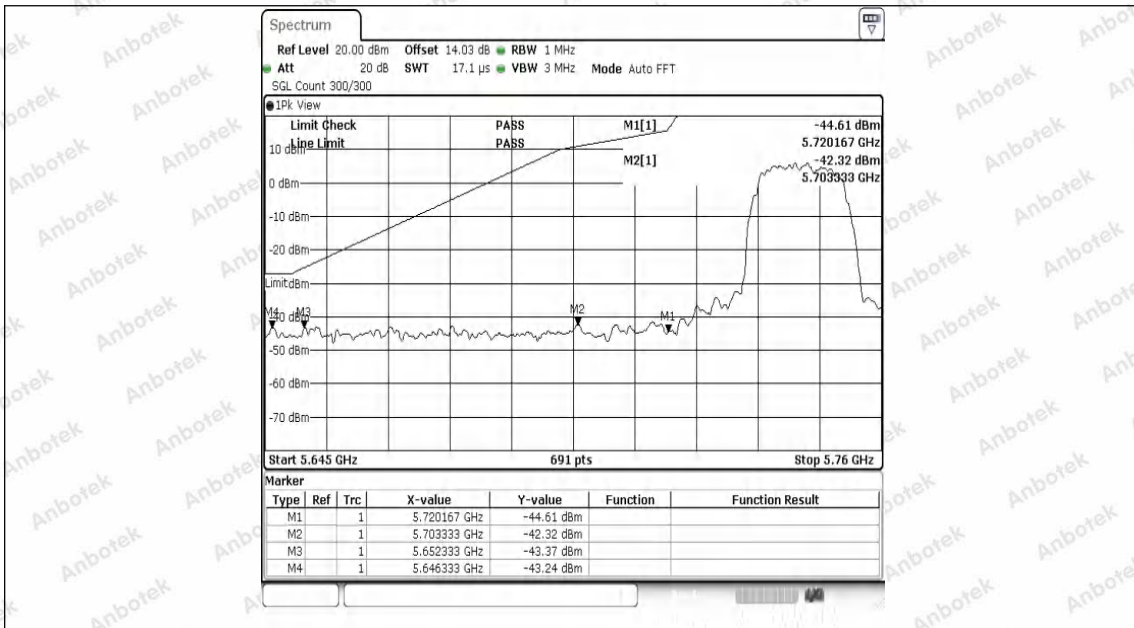
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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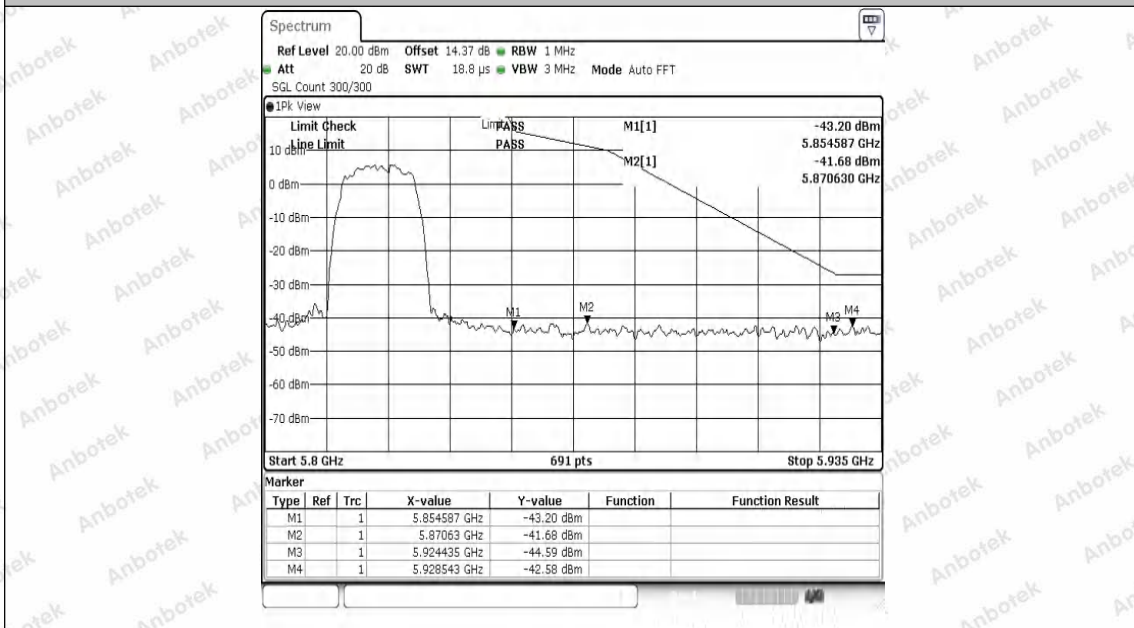
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Test Graphs B4

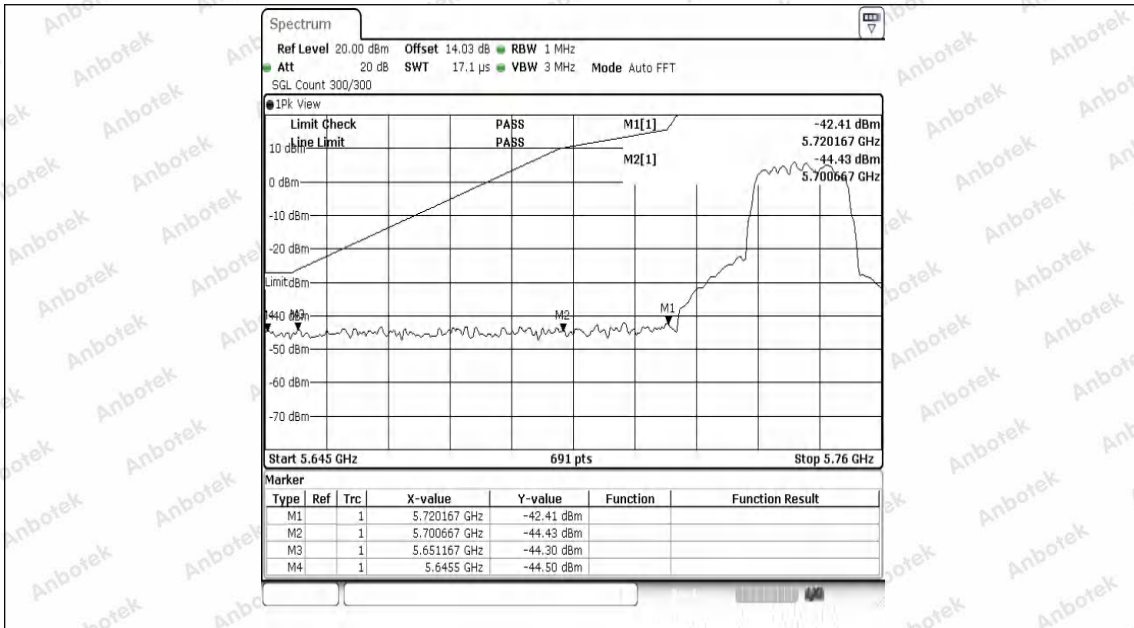


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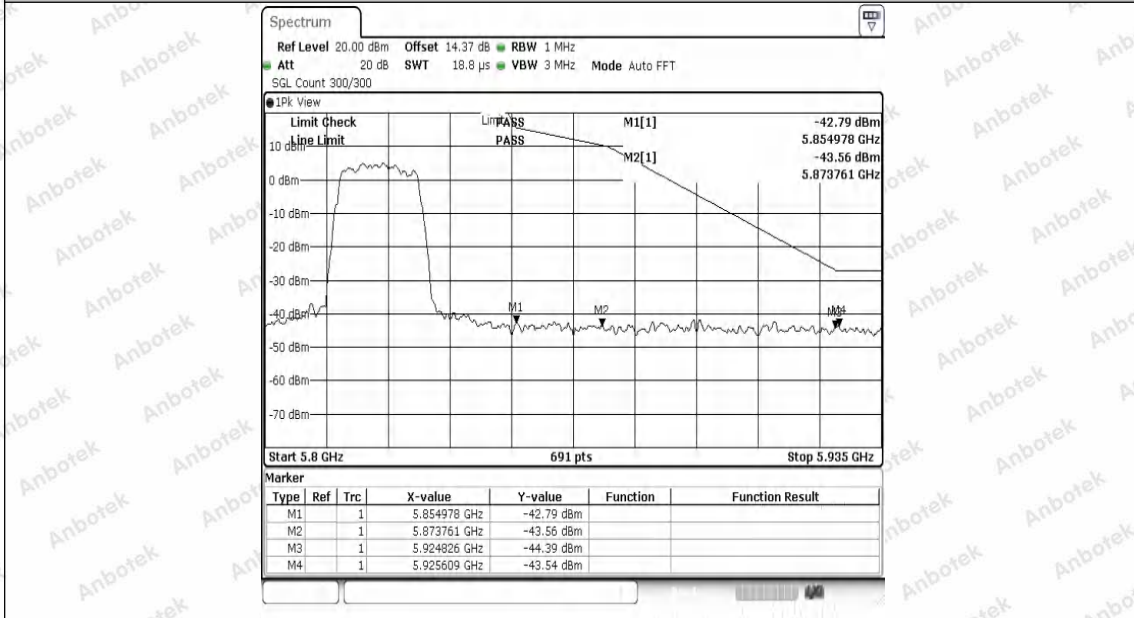


11A-Ant1-5825-PASS





11N20SISO-Ant1-5745-PASS



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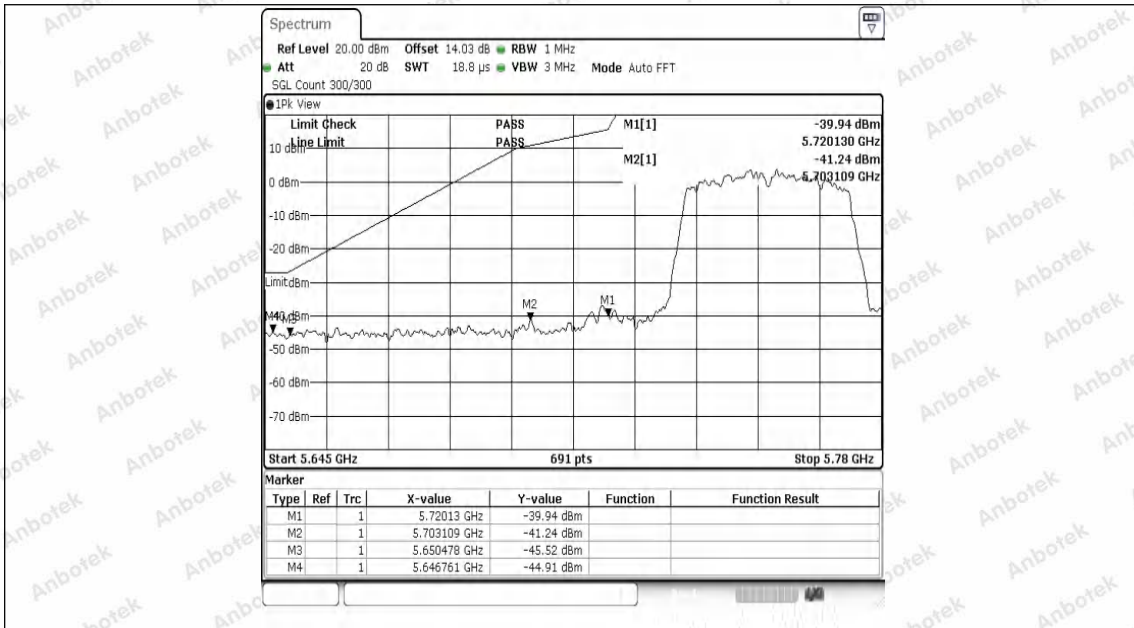
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

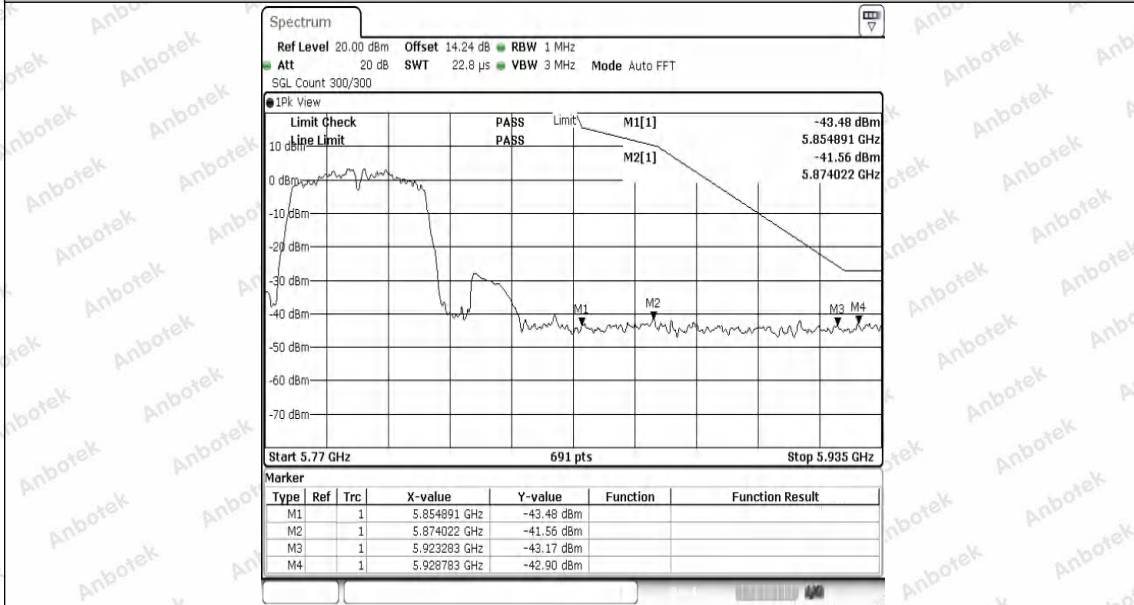


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11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS

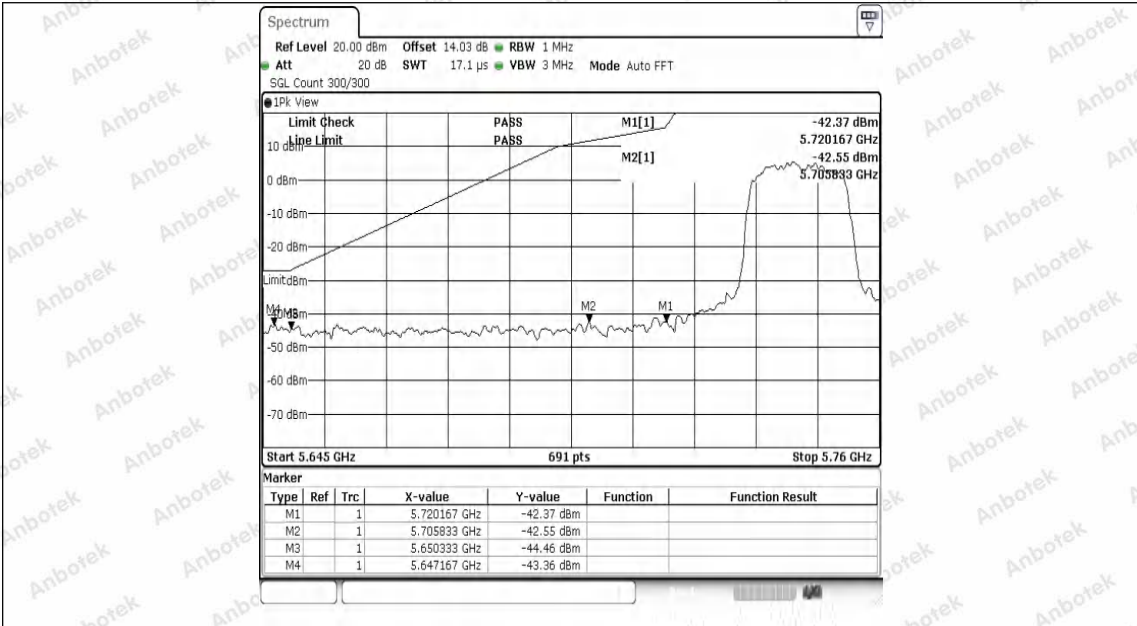
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

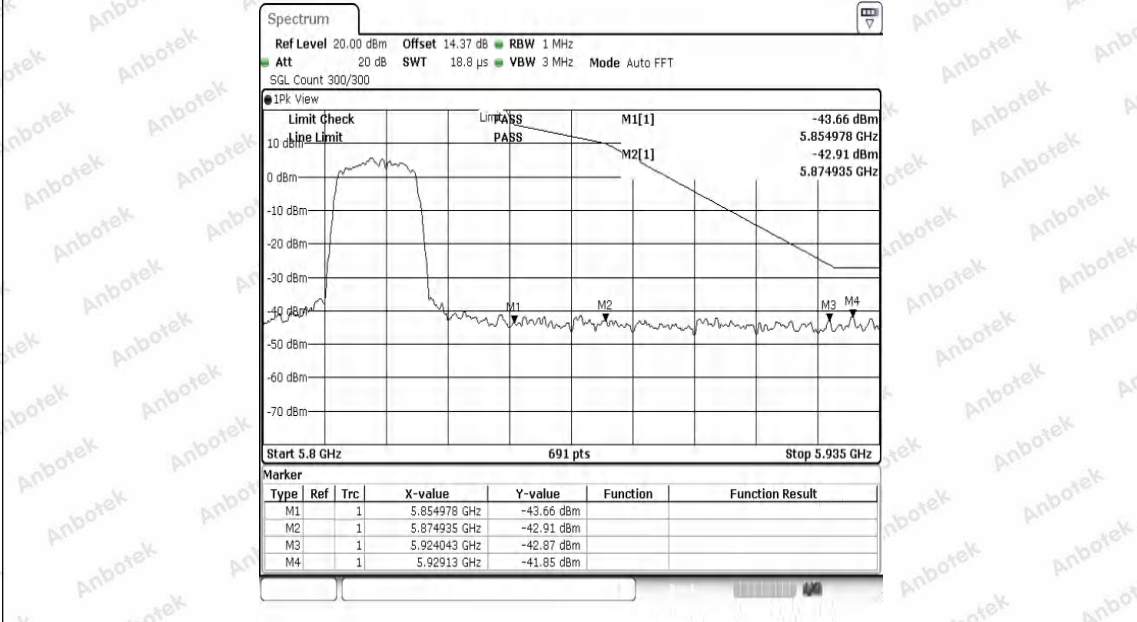


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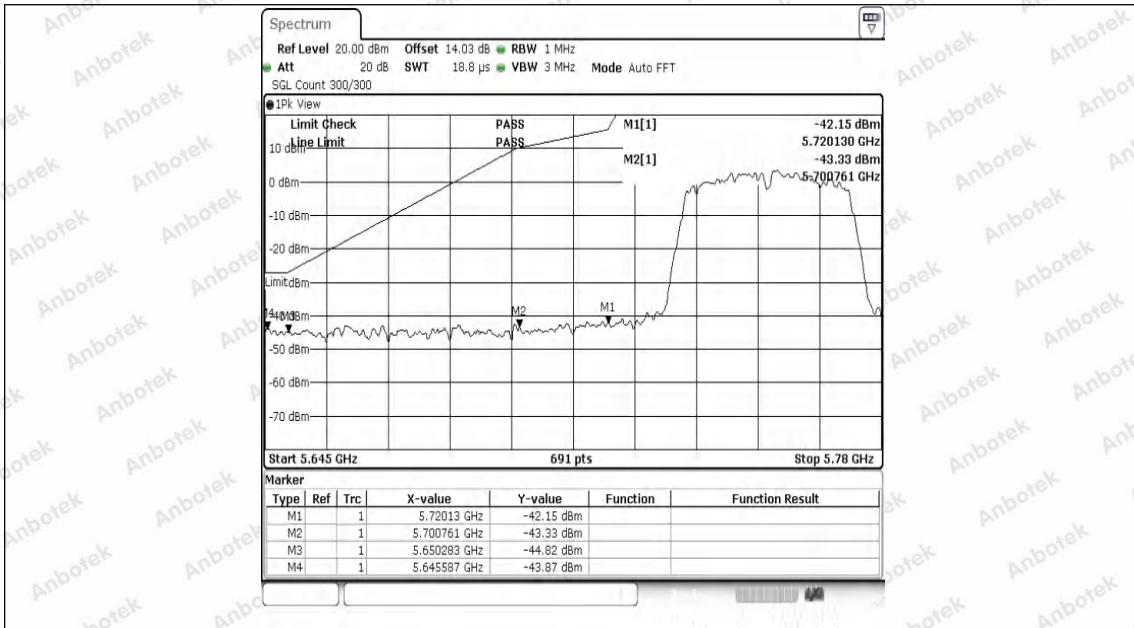
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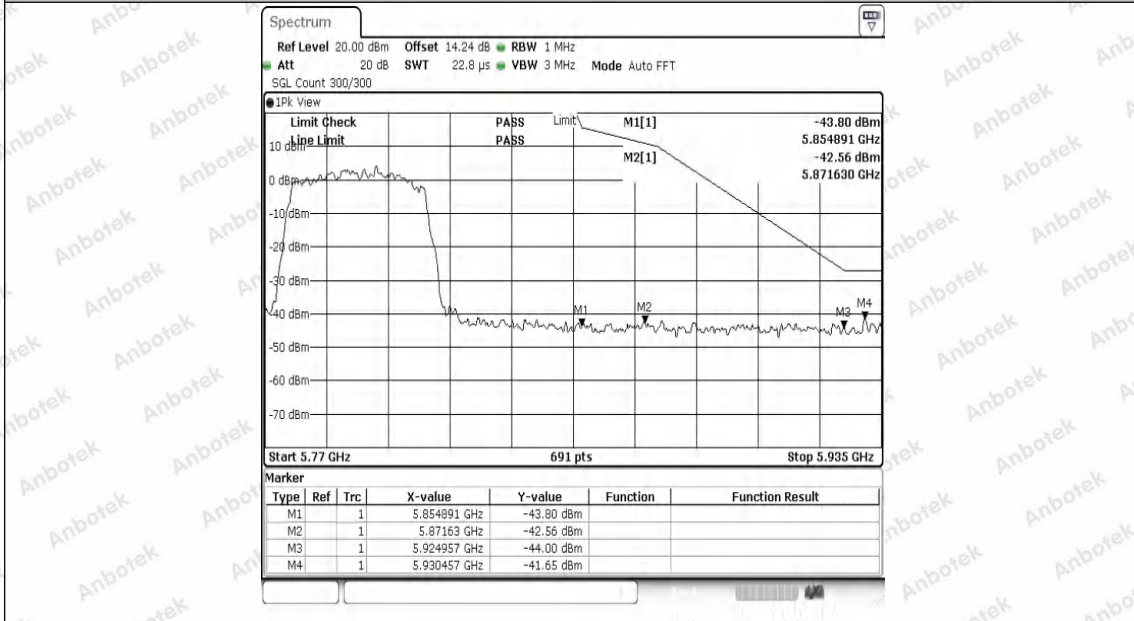
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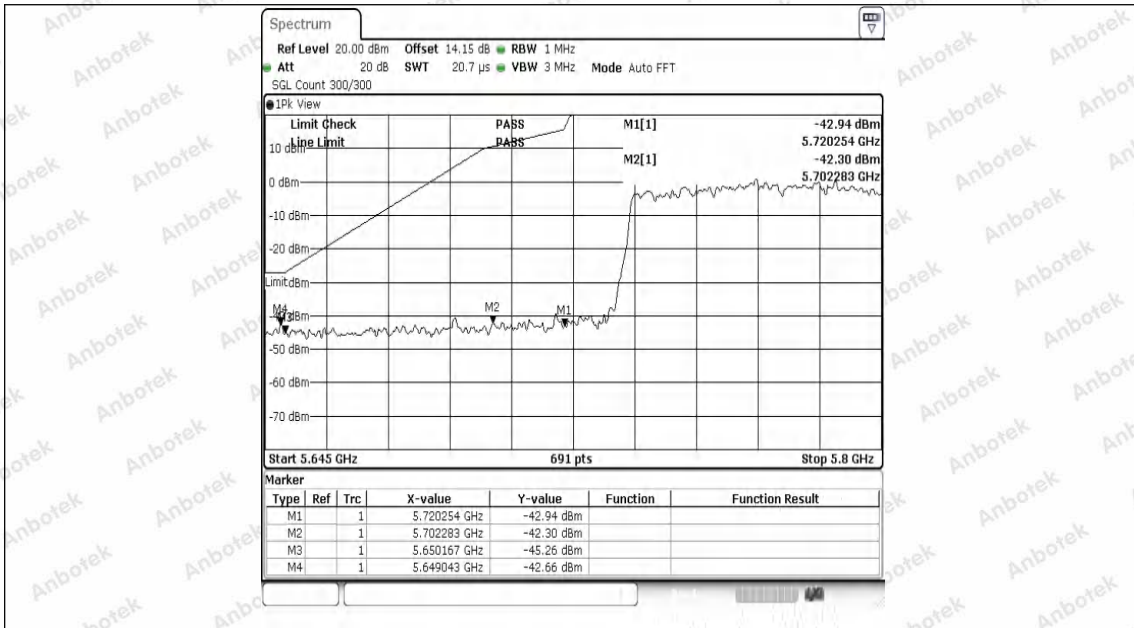


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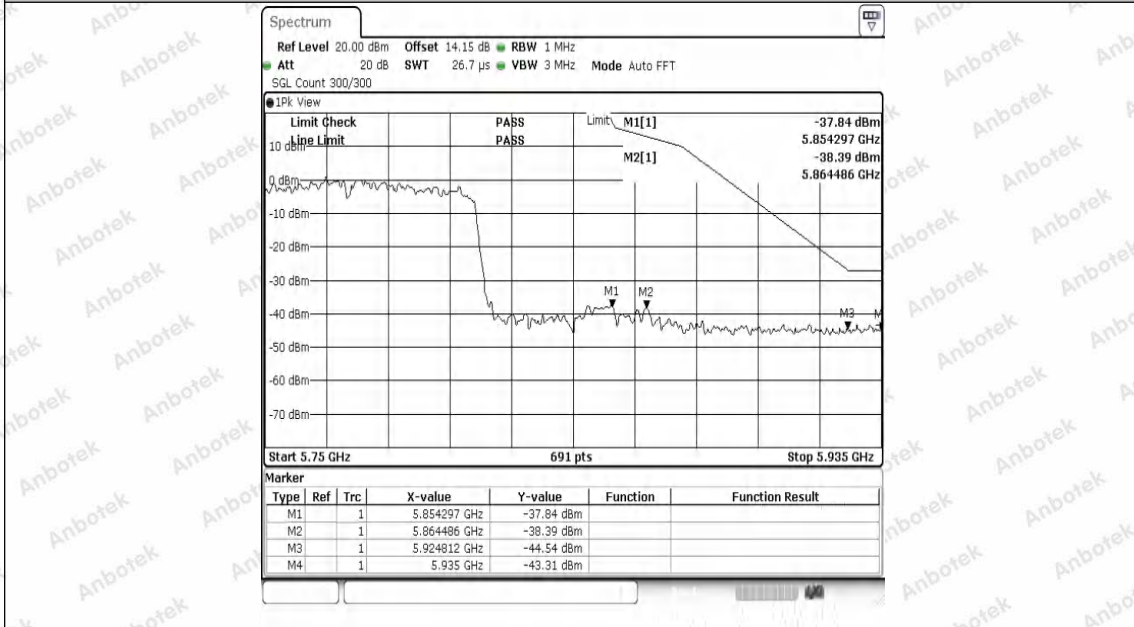


11AC40SISO-Ant1-5795-PASS





11AC80SISO-Ant1-5775-PASS



11AC80SISO-Ant1-5775-PASS

---End---

