

Appendix Test Data

Report No:	1812C40094012504	Test Sample NO:	1-2-2
Start Test Date:	2024.10.9	Finish Test Date:	2024.10.9
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.7°C	Relative Humidity:	56%
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	5180	19.76	5170.24	5190.00	---	---
11A	Ant1	5200	19.52	5190.16	5209.68	---	---
11A	Ant1	5240	19.64	5230.00	5249.64	---	---
11A	Ant1	5745	19.60	5735.16	5754.76	---	---
11A	Ant1	5785	19.72	5775.28	5795.00	---	---
11A	Ant1	5825	19.20	5815.36	5834.56	---	---
11N20SISO	Ant1	5180	19.92	5170.12	5190.04	---	---
11N20SISO	Ant1	5200	19.84	5190.20	5210.04	---	---
11N20SISO	Ant1	5240	20.04	5229.92	5249.96	---	---
11N20SISO	Ant1	5745	20.04	5734.92	5754.96	---	---
11N20SISO	Ant1	5785	20.08	5774.96	5795.04	---	---
11N20SISO	Ant1	5825	19.80	5815.04	5834.84	---	---
11N40SISO	Ant1	5190	40.08	5170.00	5210.08	---	---
11N40SISO	Ant1	5230	40.40	5209.76	5250.16	---	---
11N40SISO	Ant1	5755	40.40	5734.60	5775.00	---	---
11N40SISO	Ant1	5795	40.16	5775.16	5815.32	---	---
11AC20SISO	Ant1	5180	20.08	5169.88	5189.96	---	---
11AC20SISO	Ant1	5200	20.20	5189.92	5210.12	---	---
11AC20SISO	Ant1	5240	20.04	5229.88	5249.92	---	---
11AC20SISO	Ant1	5745	19.76	5735.04	5754.80	---	---
11AC20SISO	Ant1	5785	20.00	5775.04	5795.04	---	---
11AC20SISO	Ant1	5825	20.12	5815.00	5835.12	---	---

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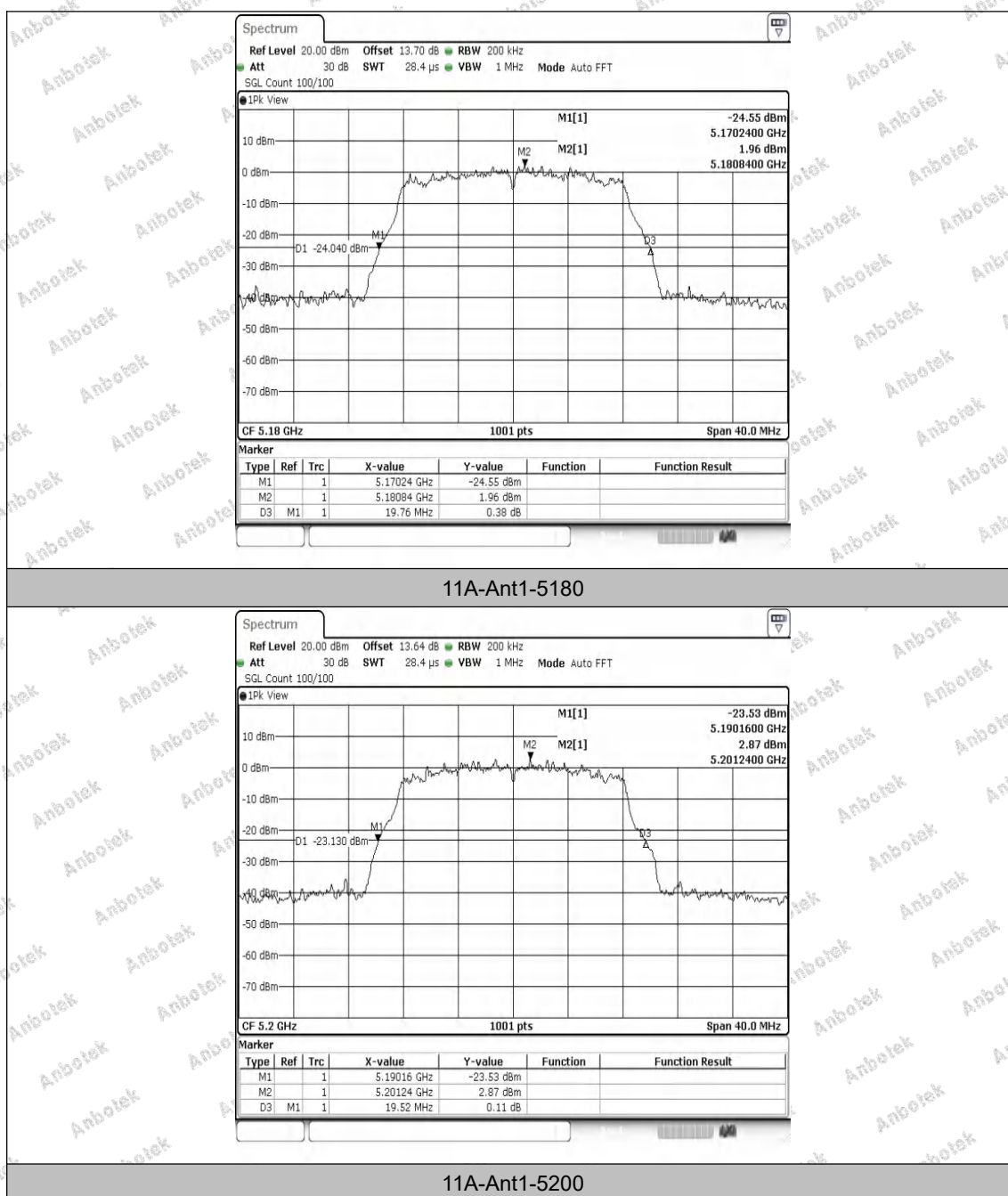
Hotline
400-003-0500
www.anbotech.com

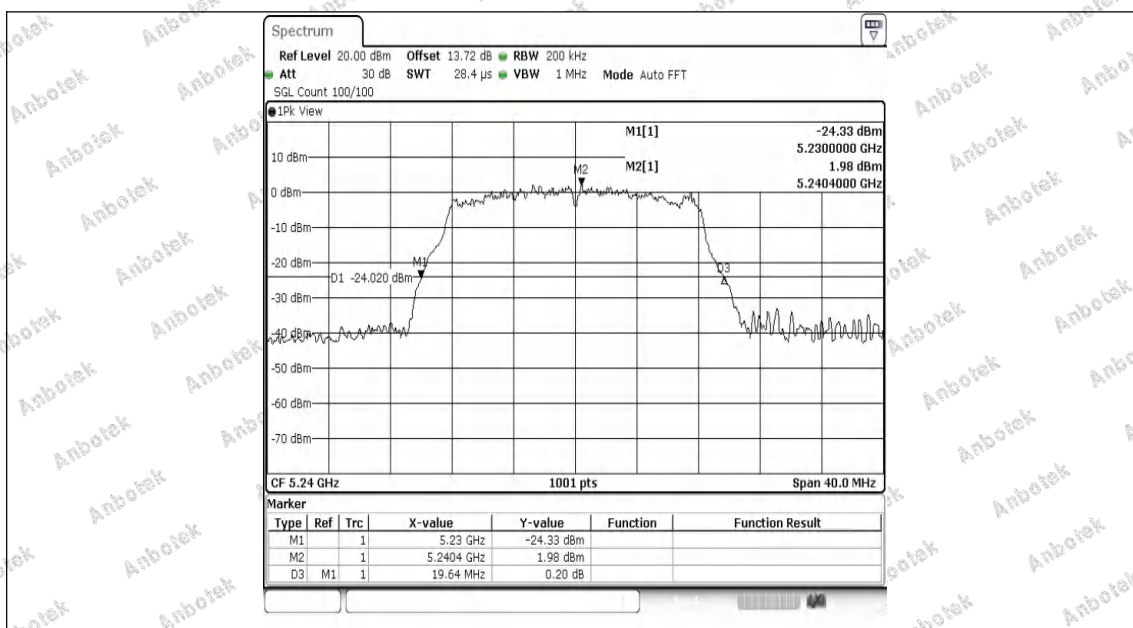


11AC40SISO	Ant1	5190	40.48	5169.60	5210.08	---	---
11AC40SISO	Ant1	5230	39.60	5210.32	5249.92	---	---
11AC40SISO	Ant1	5755	40.56	5734.68	5775.24	---	---
11AC40SISO	Ant1	5795	41.04	5774.60	5815.64	---	---
11AC80SISO	Ant1	5210	80.00	5170.00	5250.00	---	---
11AC80SISO	Ant1	5775	79.84	5735.00	5814.84	---	---

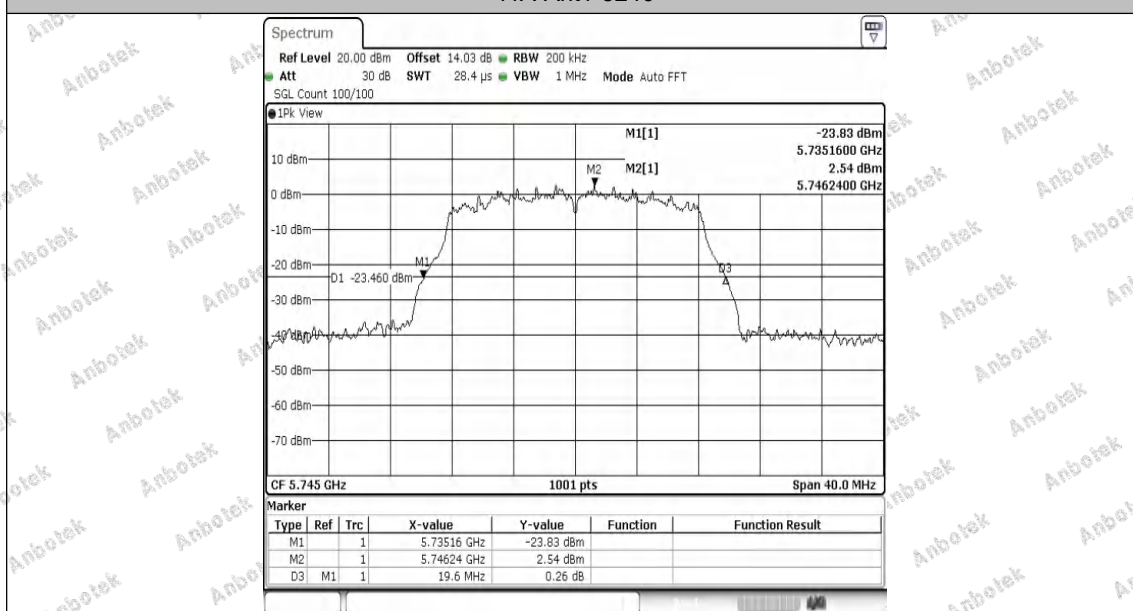


Test Graphs



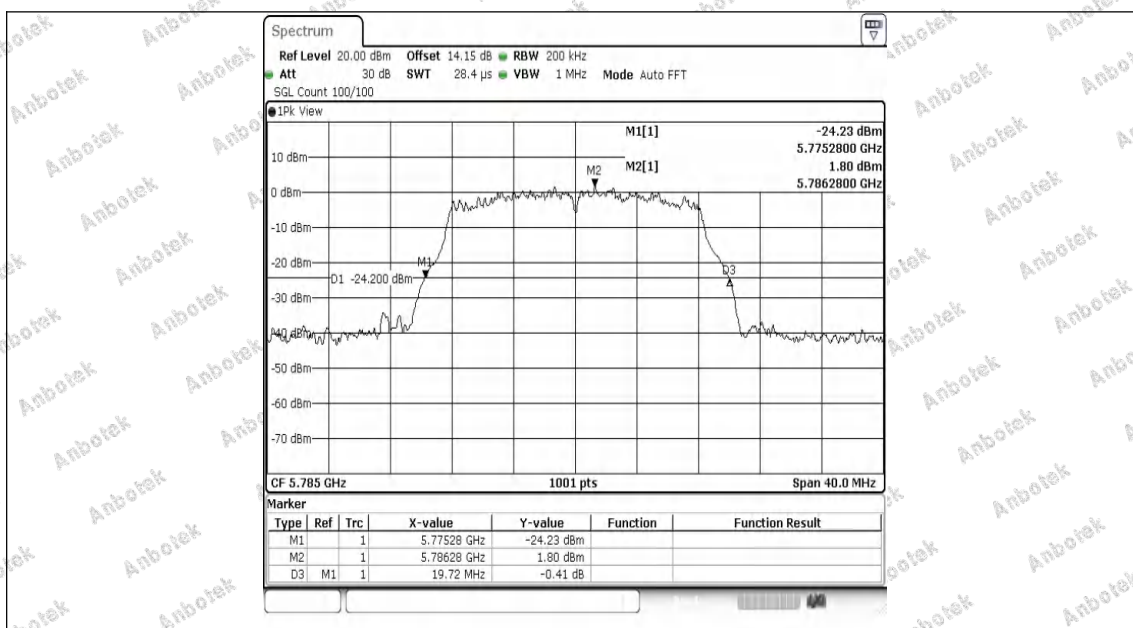


11A-Ant1-5240

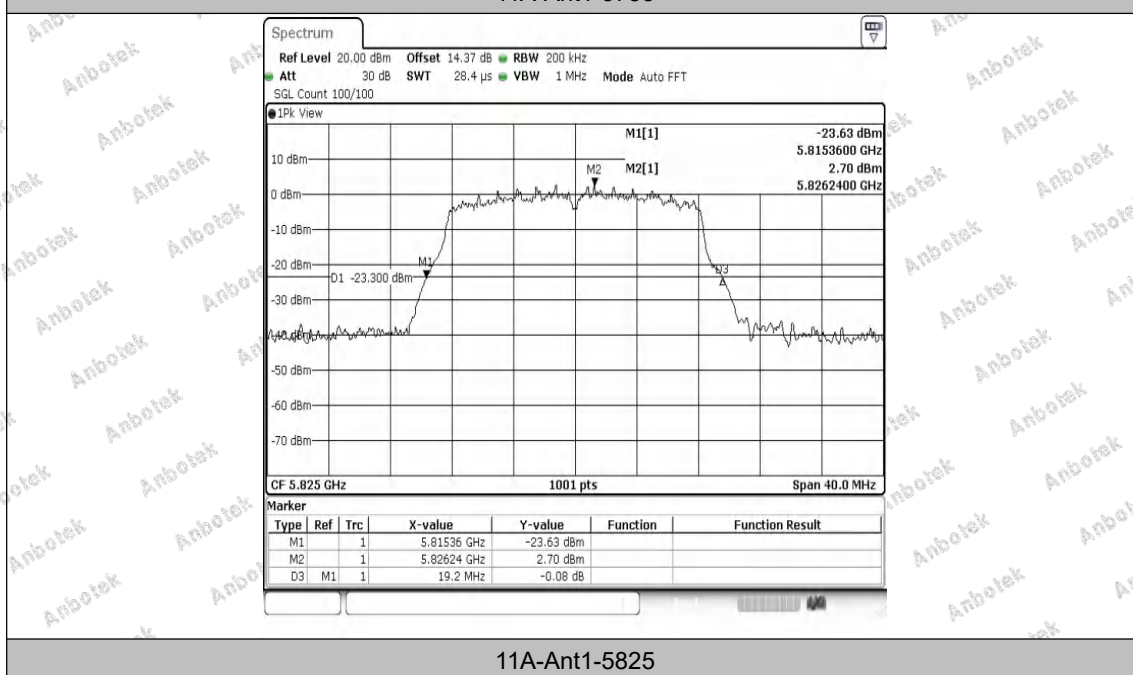


11A-Ant1-5745



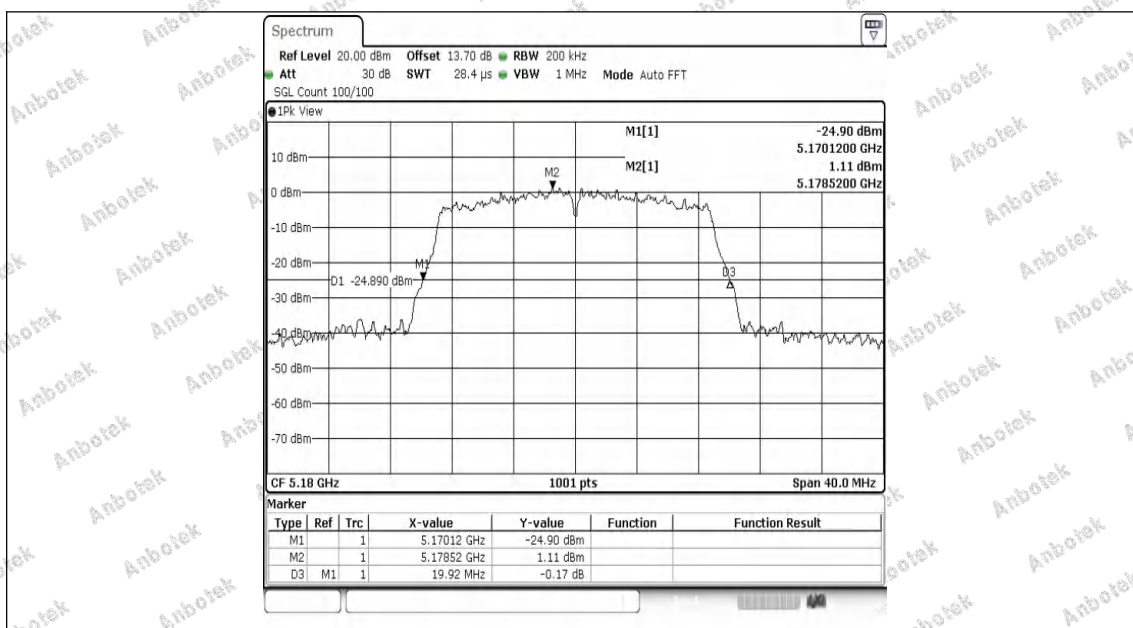


11A-Ant1-5785

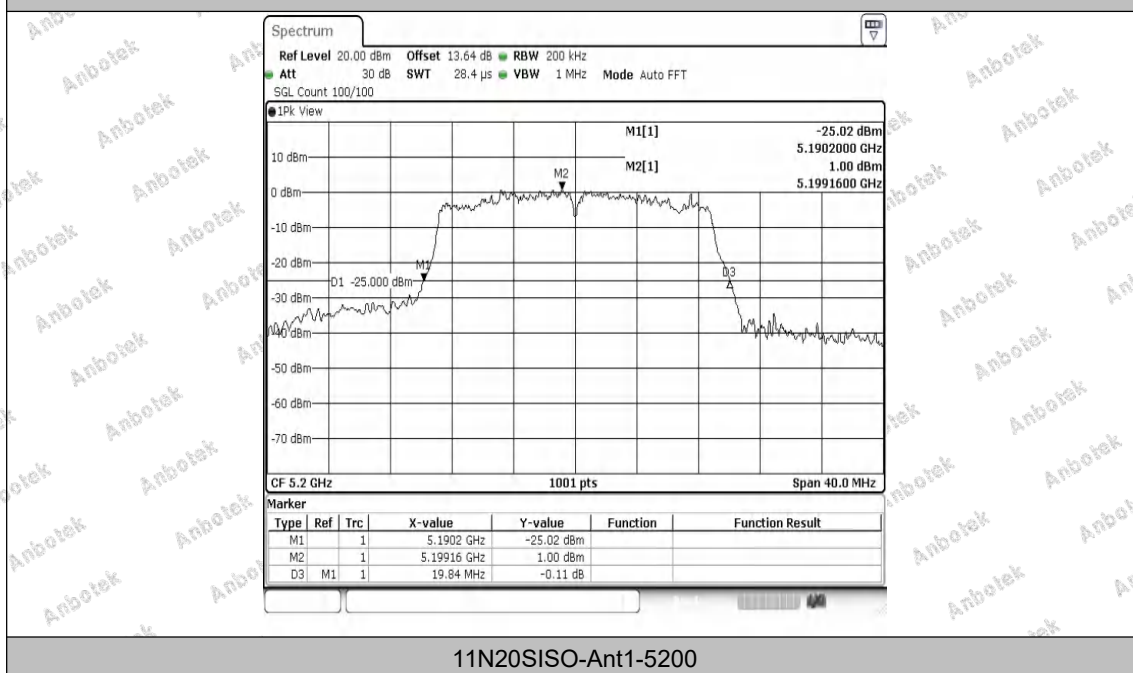


11A-Ant1-5825



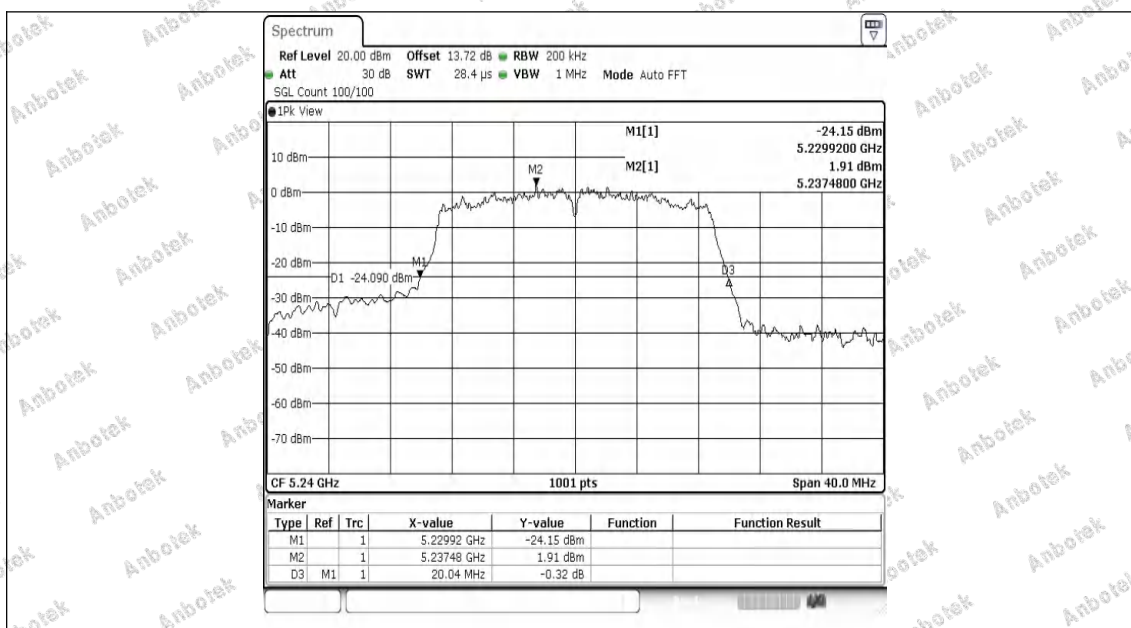


11N20SISO-Ant1-5180

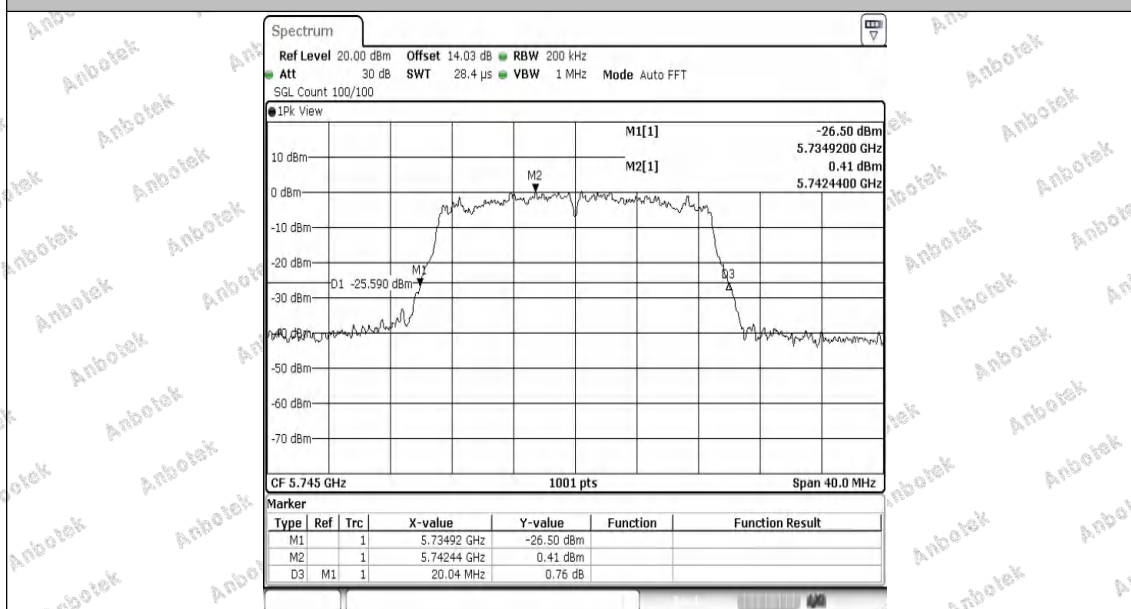


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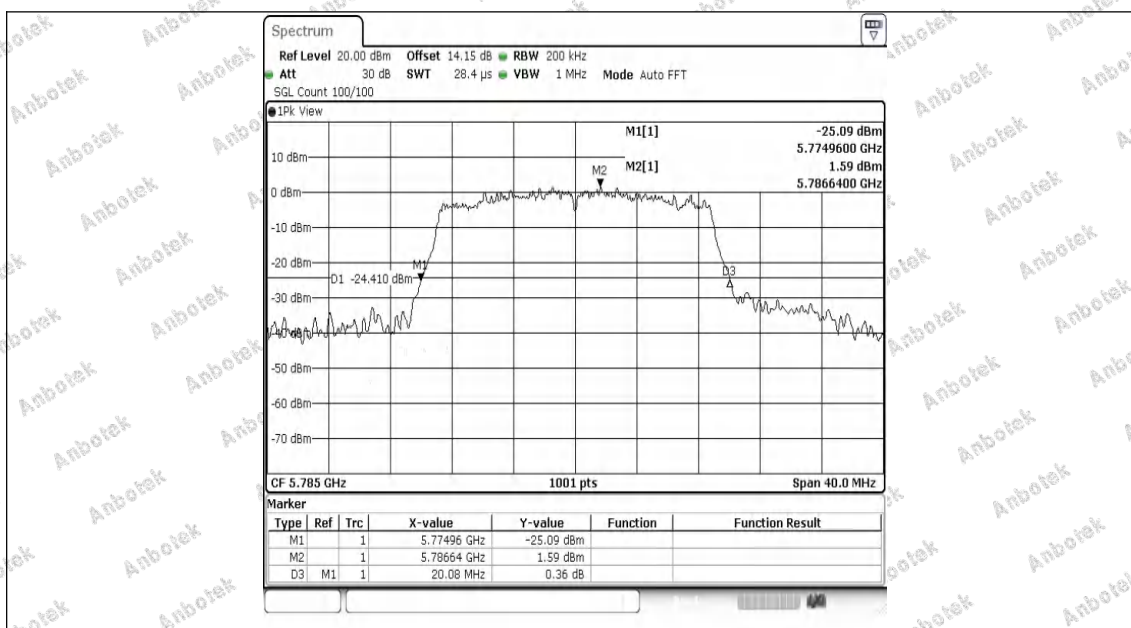


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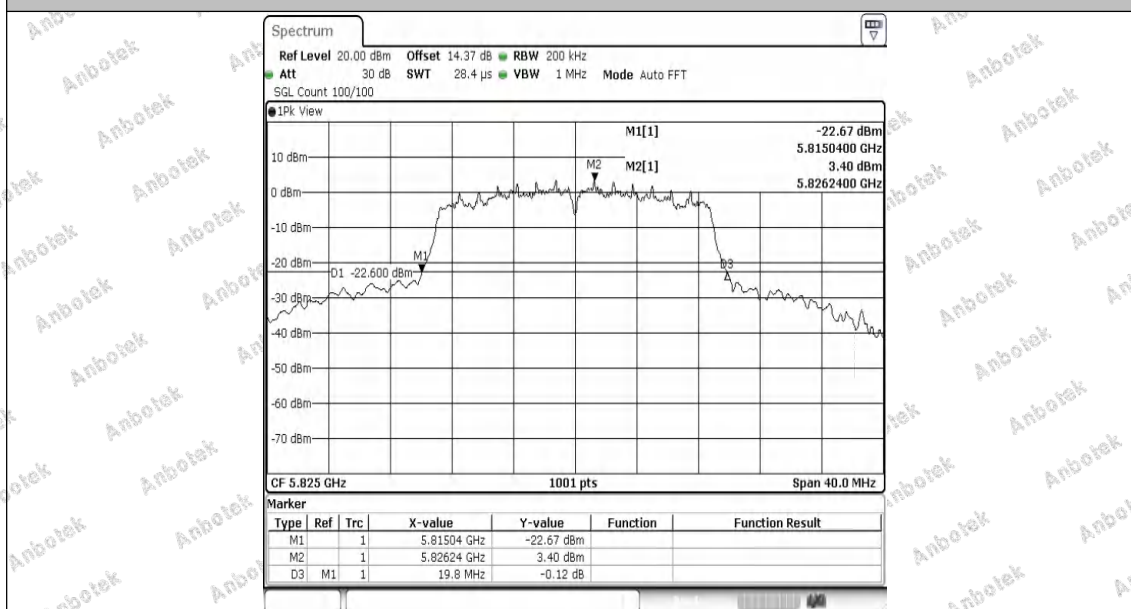


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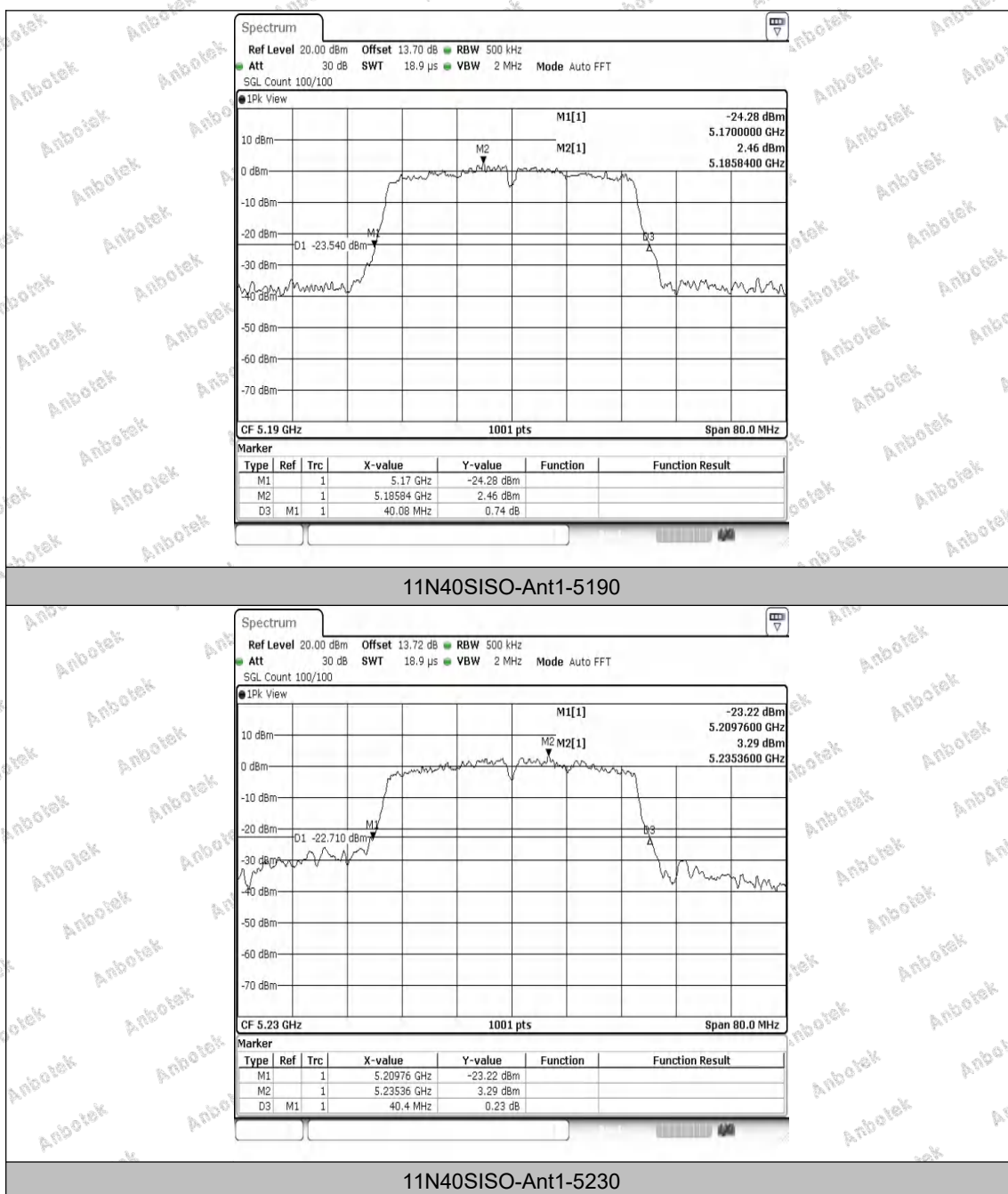


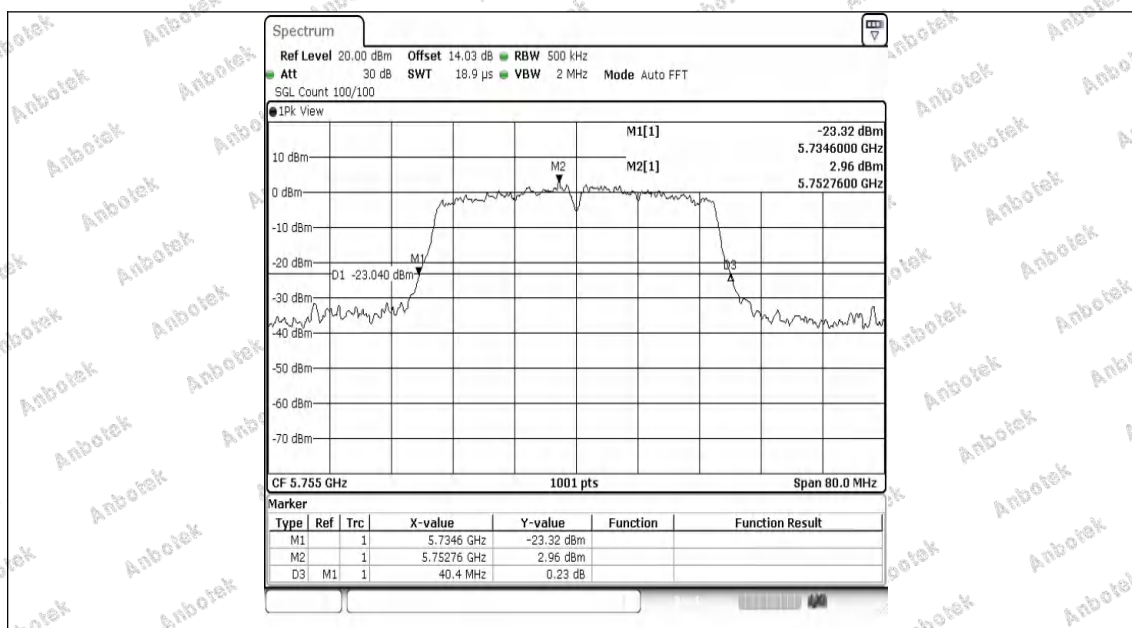
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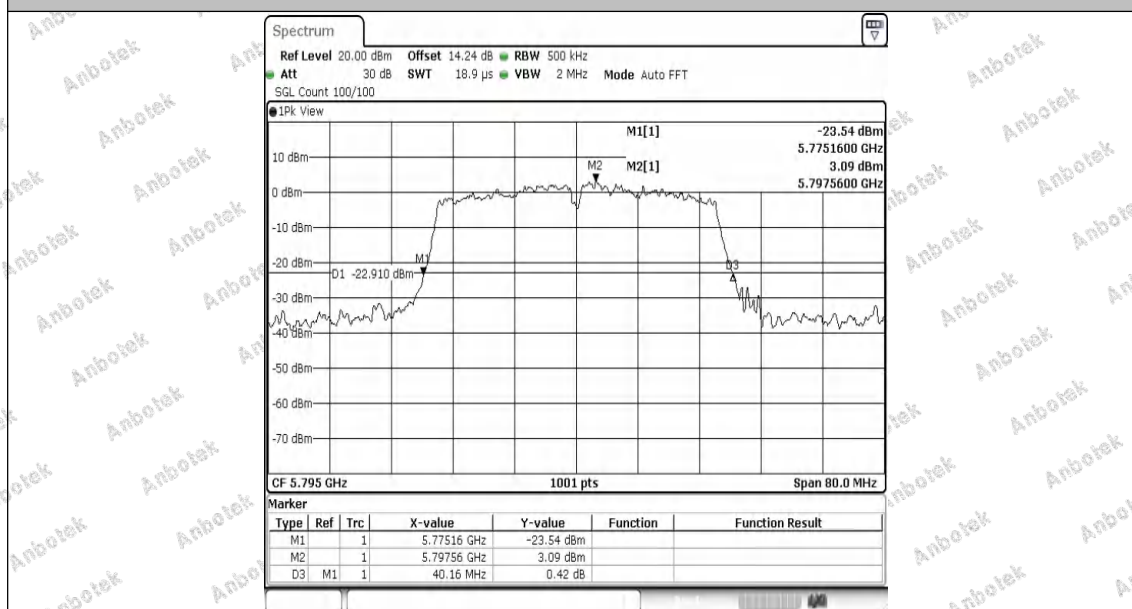
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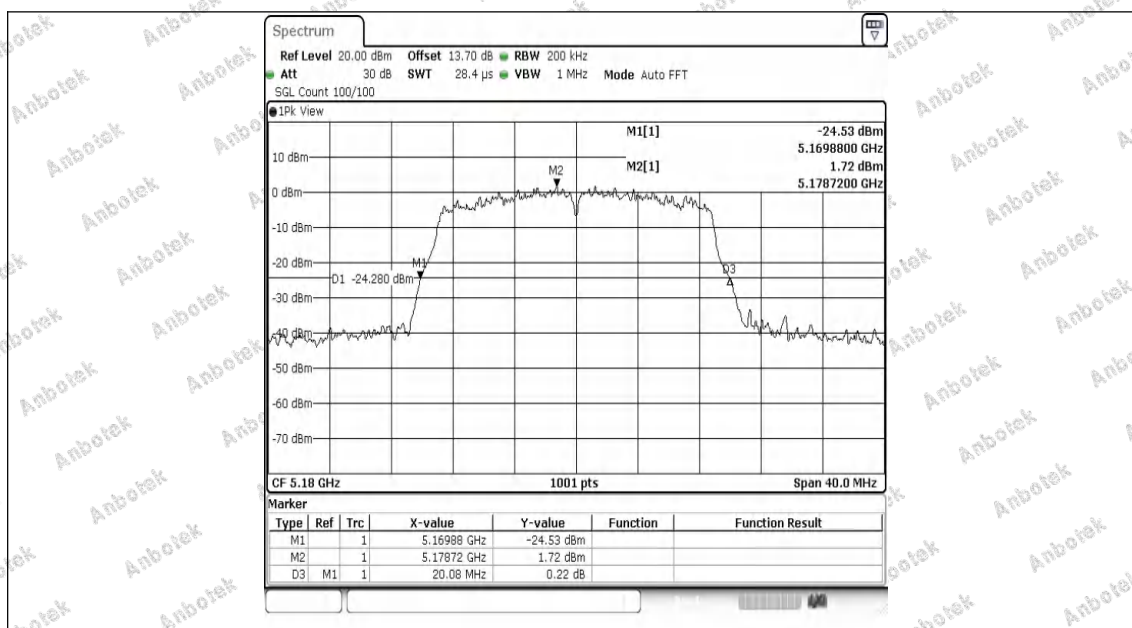


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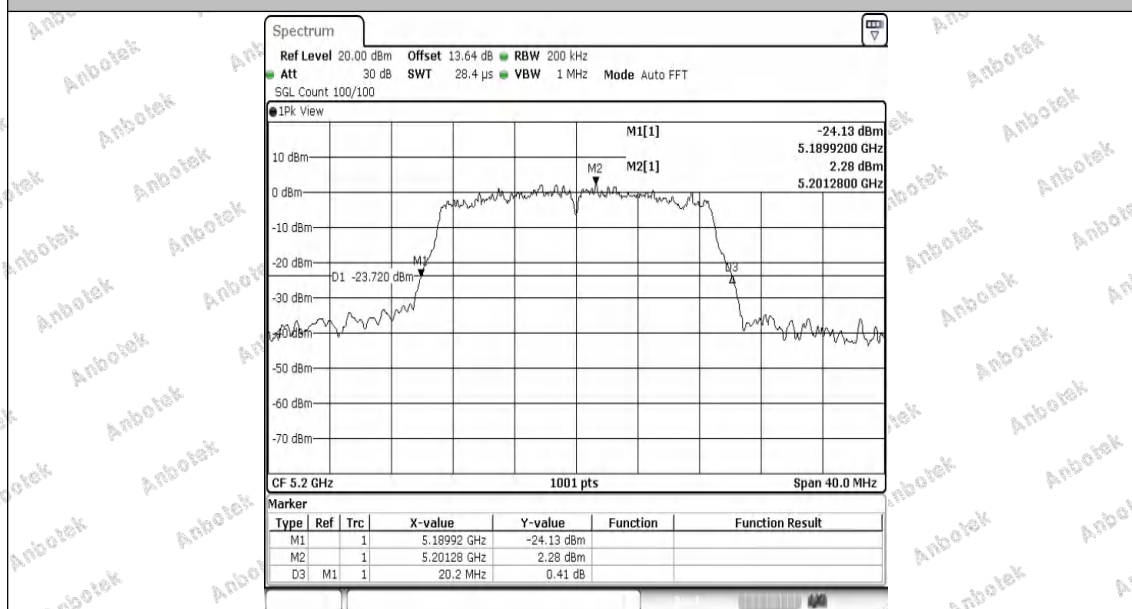


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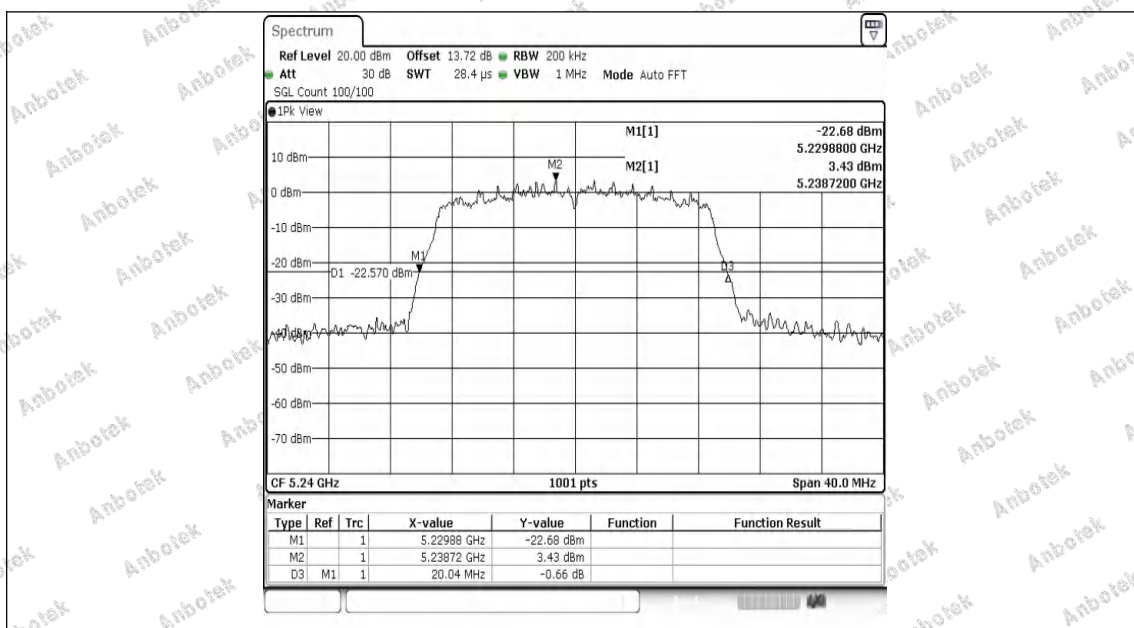


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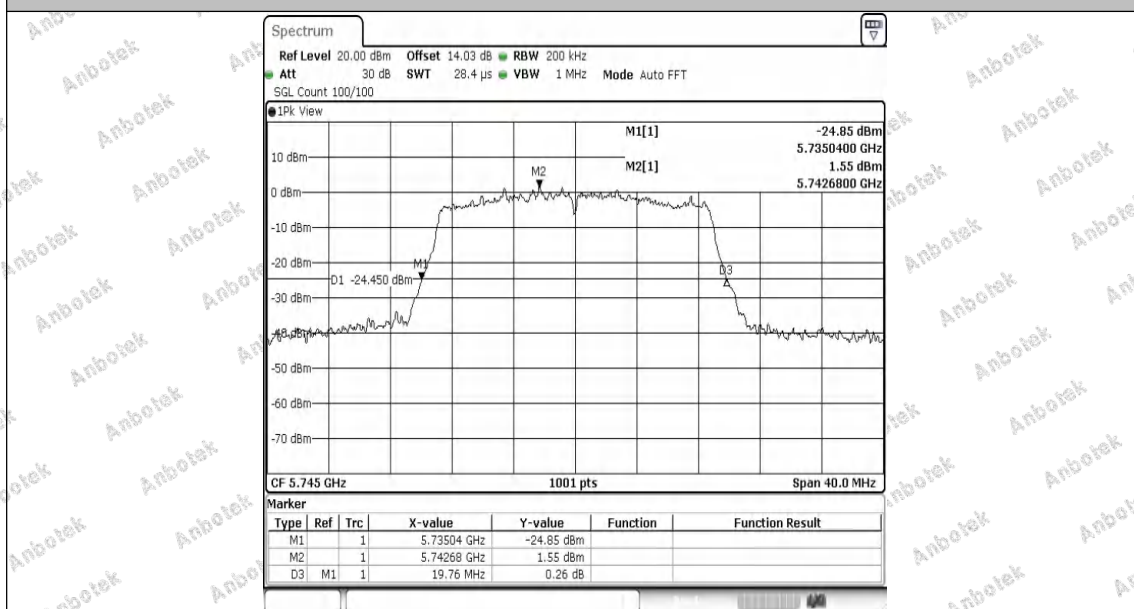


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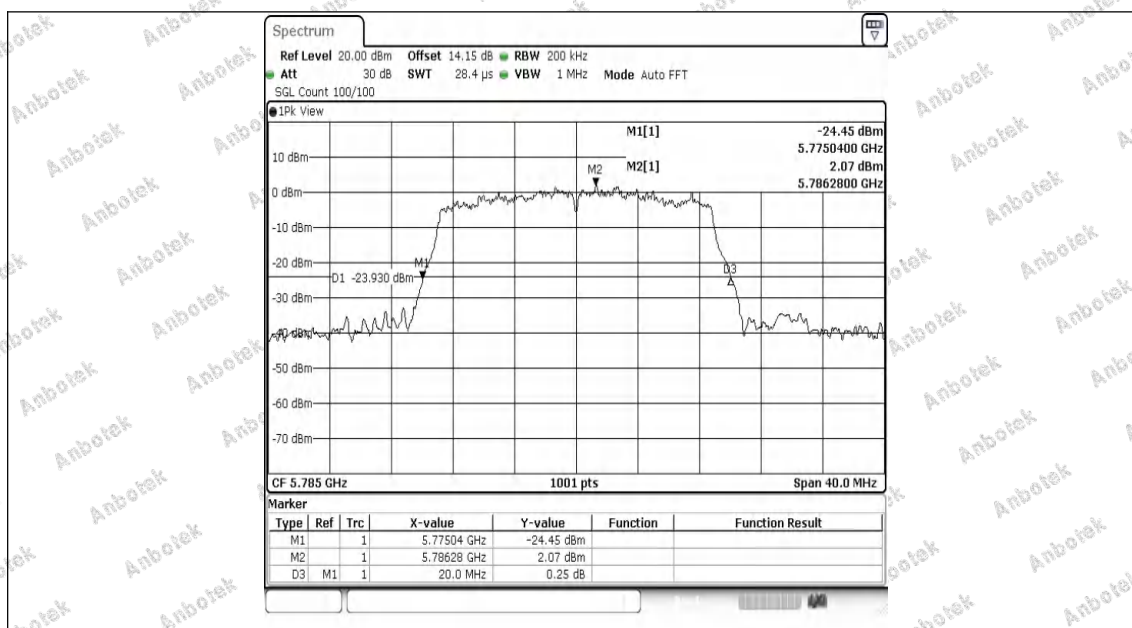


11AC20SISO-Ant1-5240



11AC20SISO-Ant1-5745



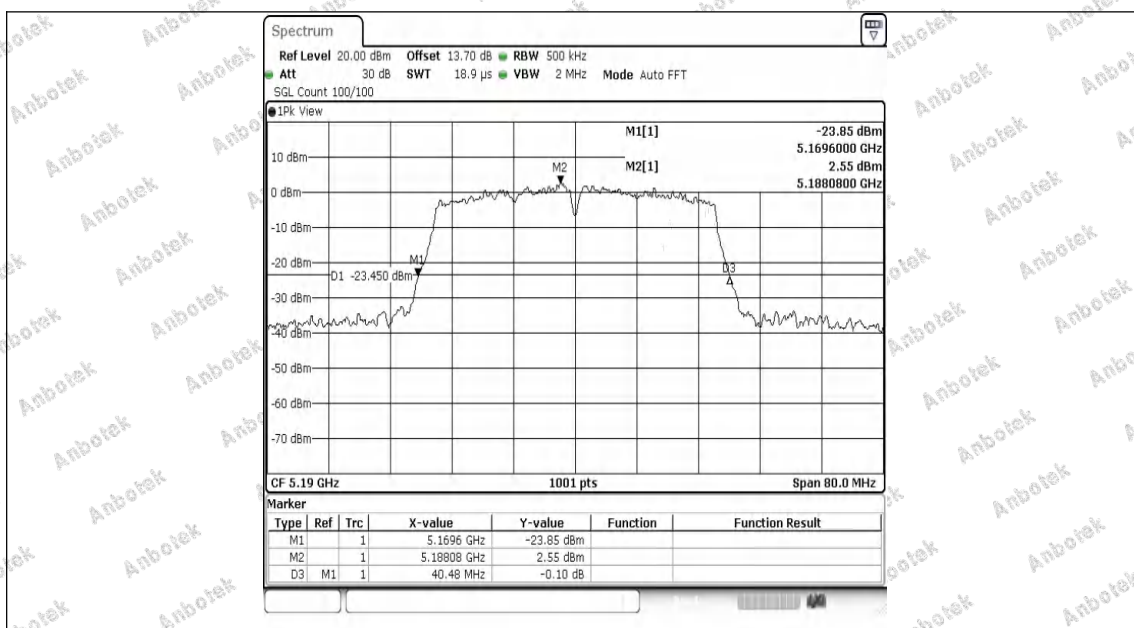


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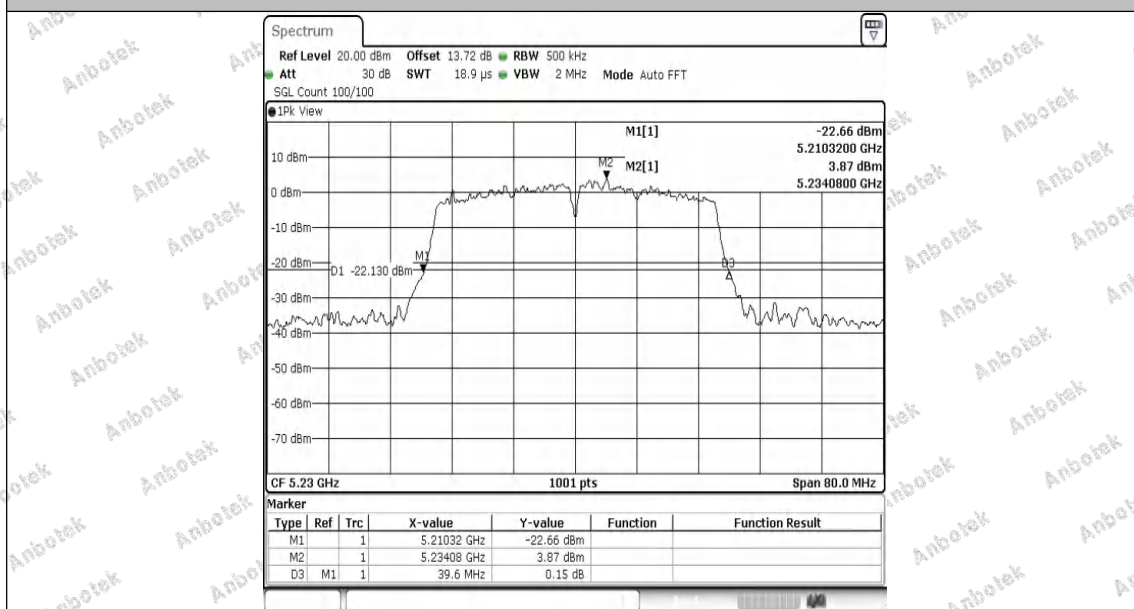


11AC20SISO-Ant1-5825



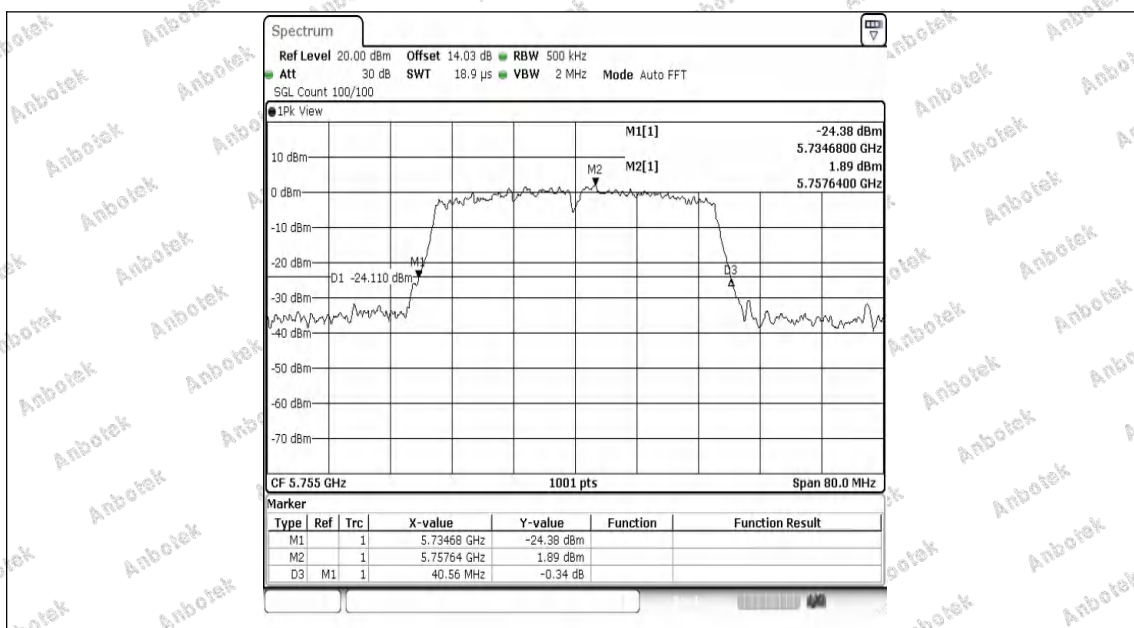


11AC40SISO-Ant1-5190

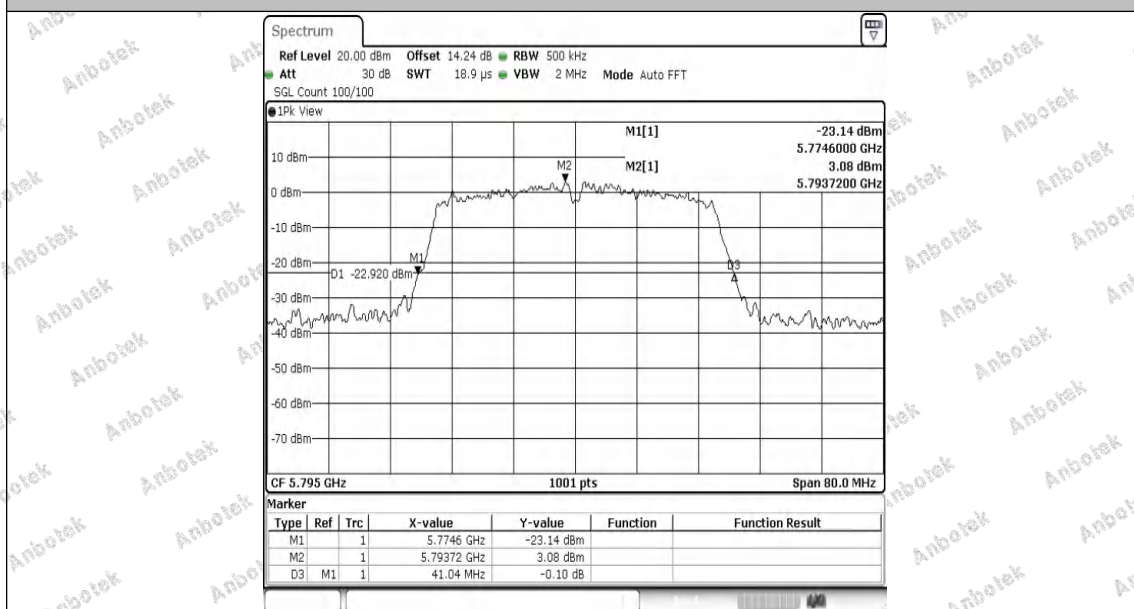


11AC40SISO-Ant1-5230



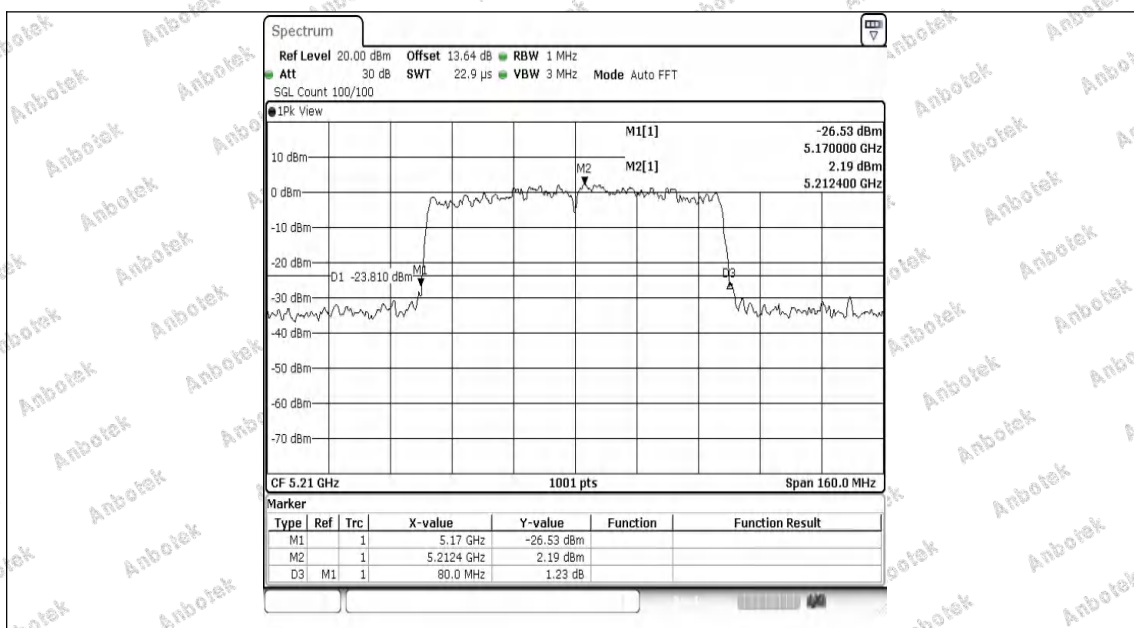


11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795





11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5775



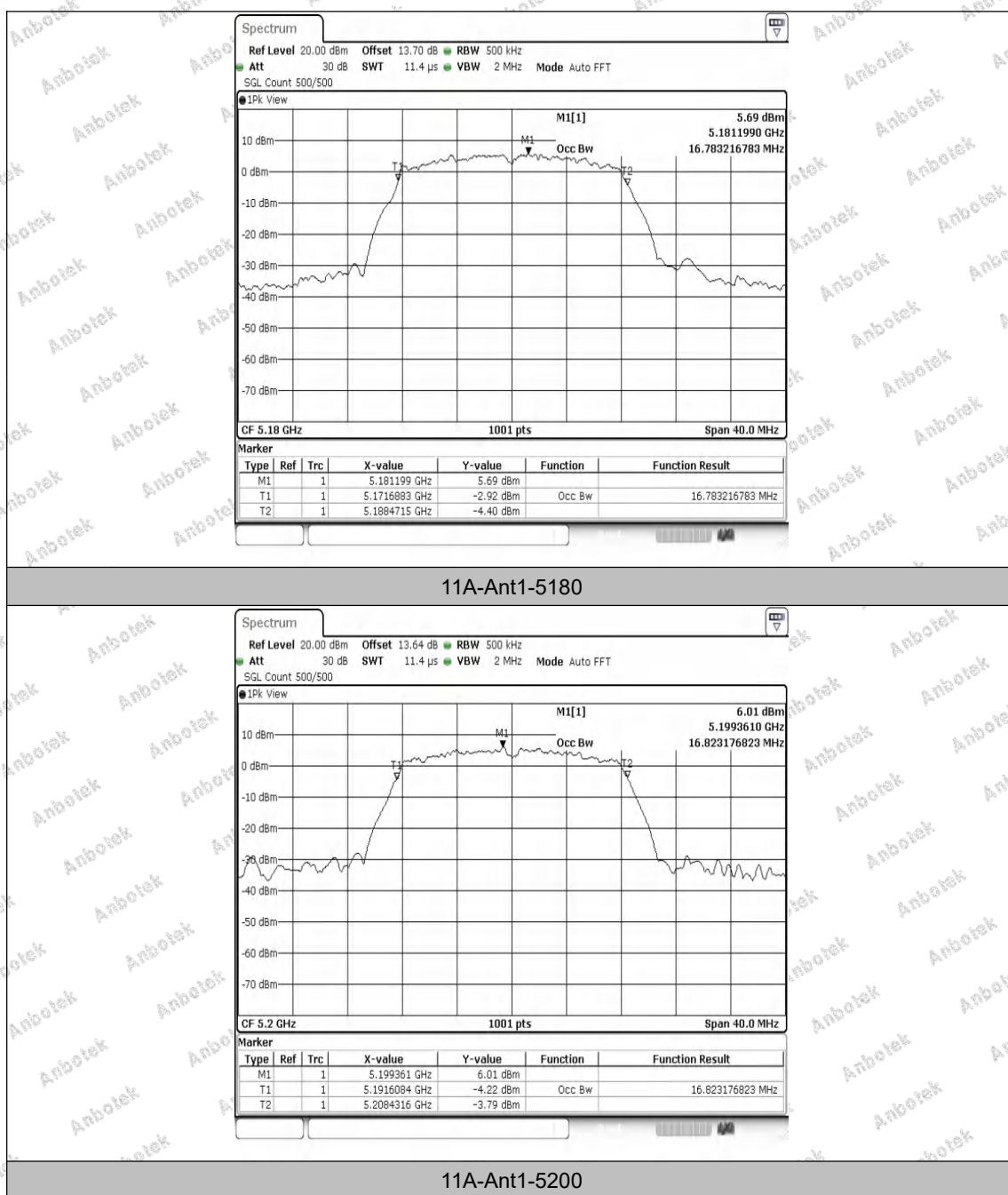
Appendix A2: Occupied channel bandwidth

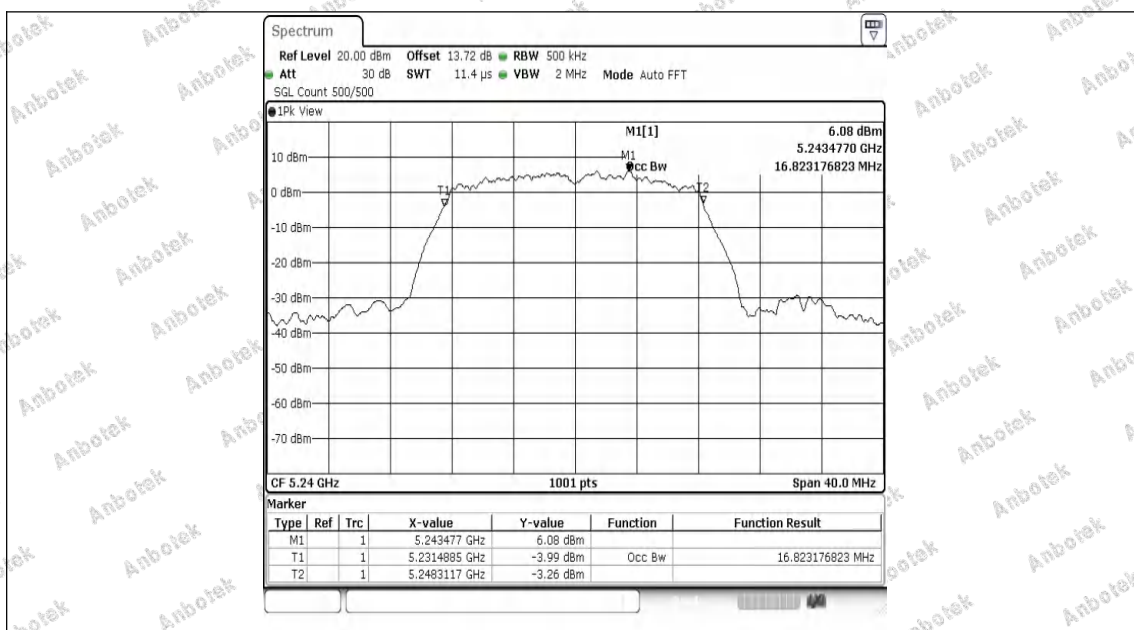
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.783	5171.6883	5188.4715	---	---
11A	Ant1	5200	16.823	5191.6084	5208.4316	---	---
11A	Ant1	5240	16.823	5231.4885	5248.3117	---	---
11A	Ant1	5745	16.703	5736.6084	5753.3117	---	---
11A	Ant1	5785	17.023	5776.6084	5793.6314	---	---
11A	Ant1	5825	16.903	5816.4486	5833.3516	---	---
11N20SISO	Ant1	5180	18.022	5170.8891	5188.9111	---	---
11N20SISO	Ant1	5200	17.942	5191.0490	5208.9910	---	---
11N20SISO	Ant1	5240	18.022	5231.0090	5249.0310	---	---
11N20SISO	Ant1	5745	18.022	5736.0090	5754.0310	---	---
11N20SISO	Ant1	5785	17.902	5776.0490	5793.9510	---	---
11N20SISO	Ant1	5825	18.062	5815.9291	5833.9910	---	---
11N40SISO	Ant1	5190	36.124	5171.9381	5208.0619	---	---
11N40SISO	Ant1	5230	36.444	5211.8581	5248.3017	---	---
11N40SISO	Ant1	5755	36.444	5736.6983	5773.1419	---	---
11N40SISO	Ant1	5795	36.204	5776.8581	5813.0619	---	---
11AC20SISO	Ant1	5180	17.862	5171.0889	5188.9510	---	---
11AC20SISO	Ant1	5200	17.862	5191.0490	5208.9111	---	---
11AC20SISO	Ant1	5240	17.862	5231.0889	5248.9510	---	---
11AC20SISO	Ant1	5745	17.902	5736.0090	5753.9111	---	---
11AC20SISO	Ant1	5785	17.782	5776.1289	5793.9111	---	---
11AC20SISO	Ant1	5825	18.022	5815.9291	5833.9510	---	---
11AC40SISO	Ant1	5190	36.204	5172.0180	5208.2218	---	---
11AC40SISO	Ant1	5230	36.044	5212.0180	5248.0619	---	---
11AC40SISO	Ant1	5755	36.364	5736.6983	5773.0619	---	---
11AC40SISO	Ant1	5795	36.124	5776.9381	5813.0619	---	---
11AC80SISO	Ant1	5210	75.604	5172.2777	5247.8821	---	---
11AC80SISO	Ant1	5775	75.764	5737.2777	5813.0420	---	---

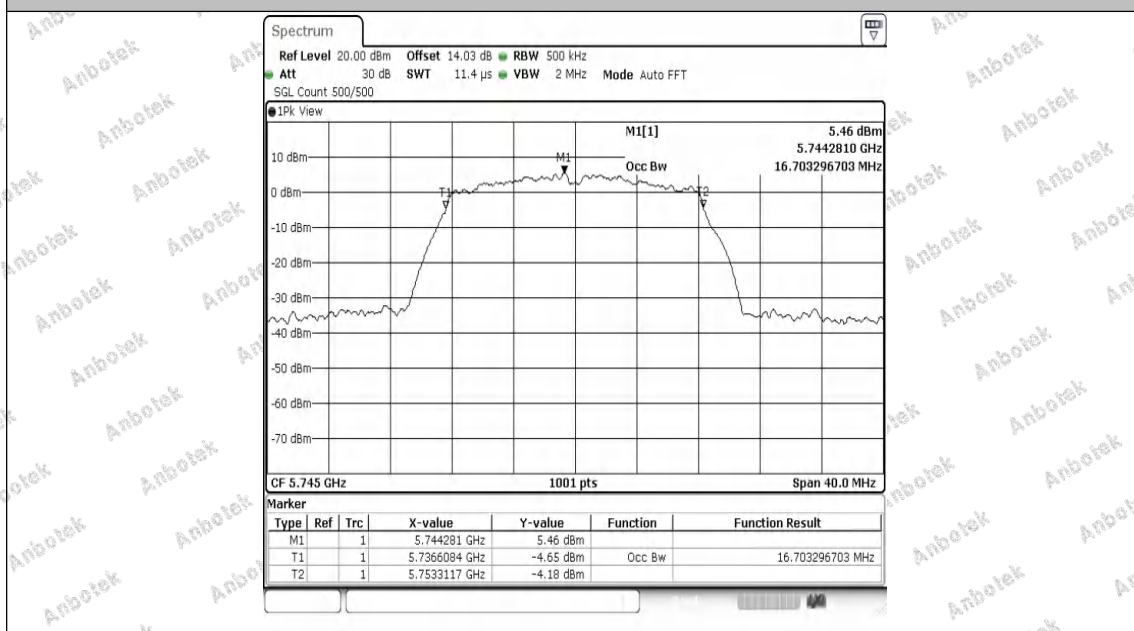


Test Graphs



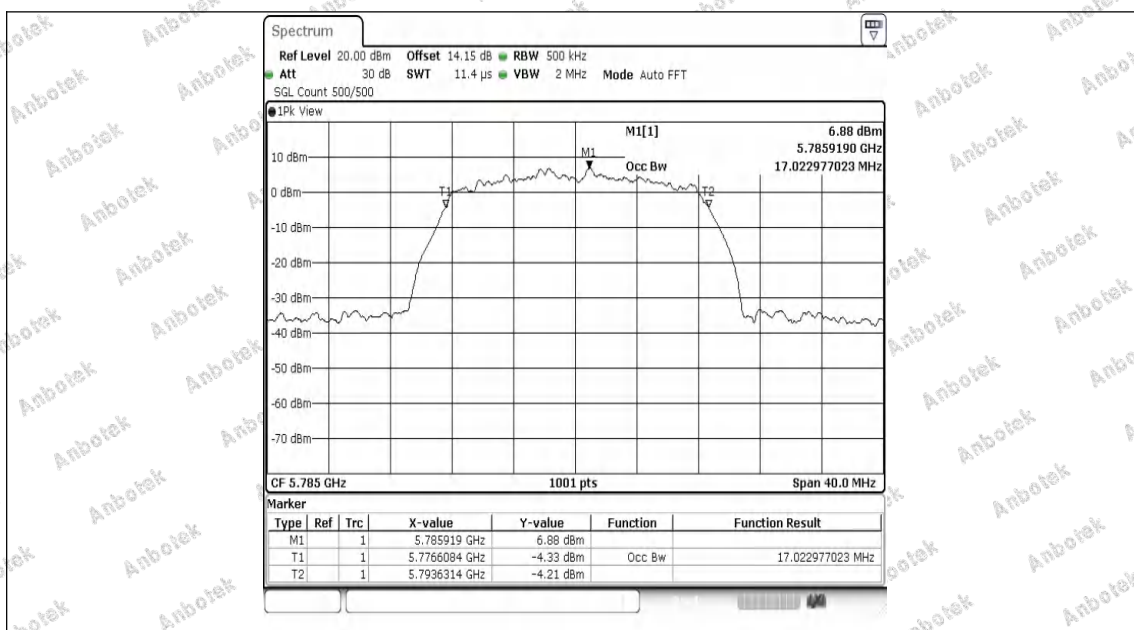


11A-Ant1-5240

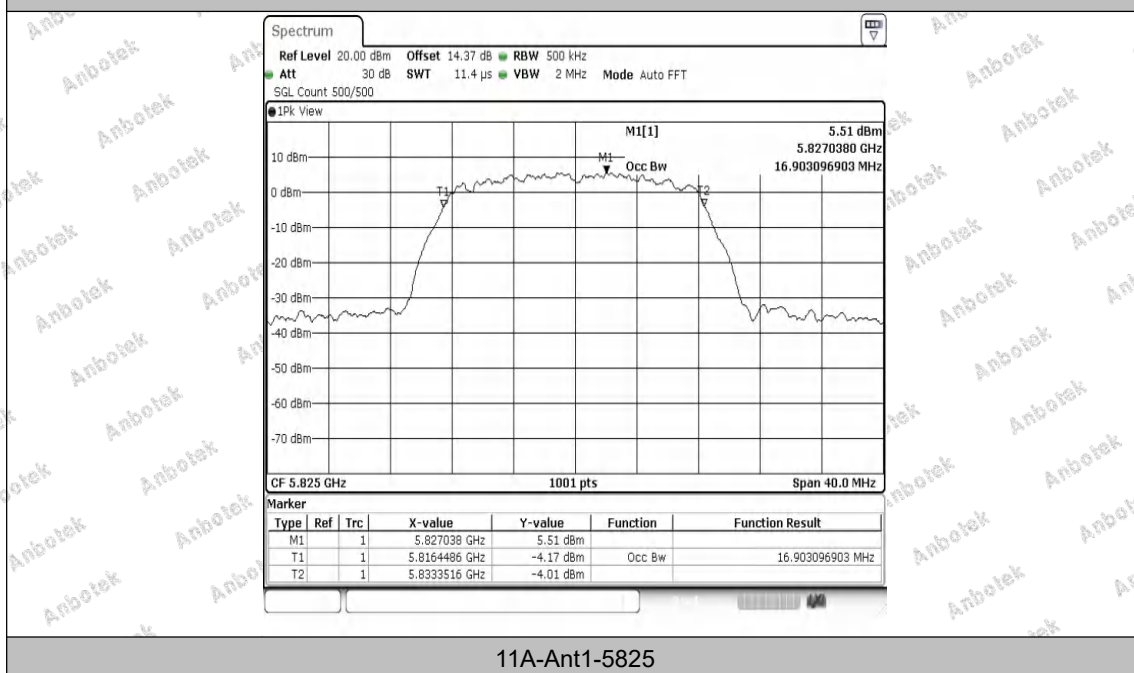


11A-Ant1-5745



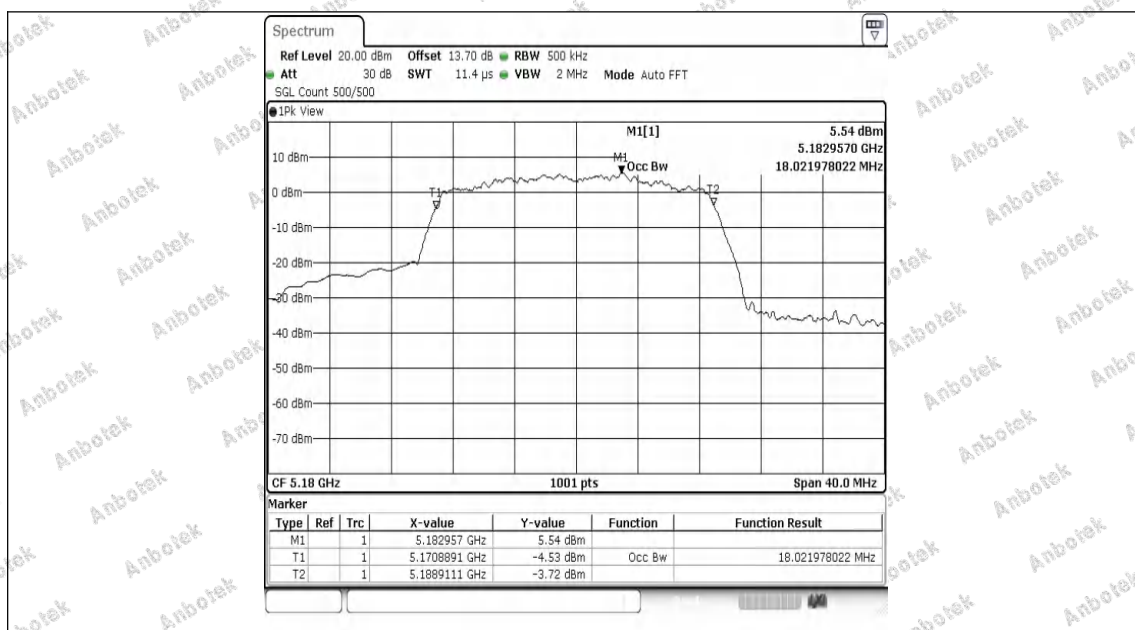


11A-Ant1-5785

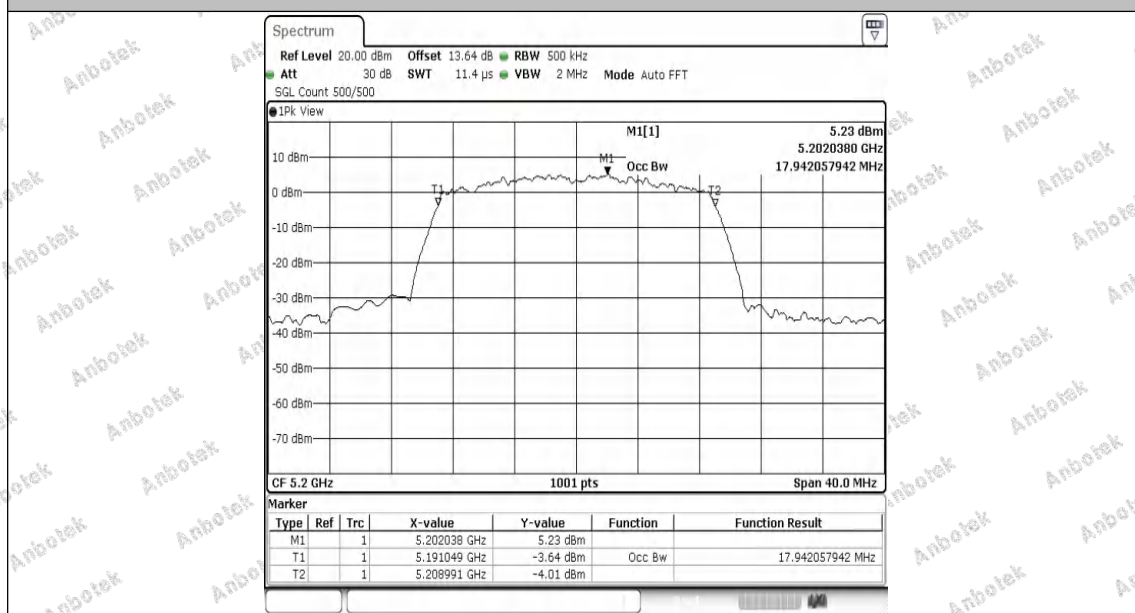


11A-Ant1-5825



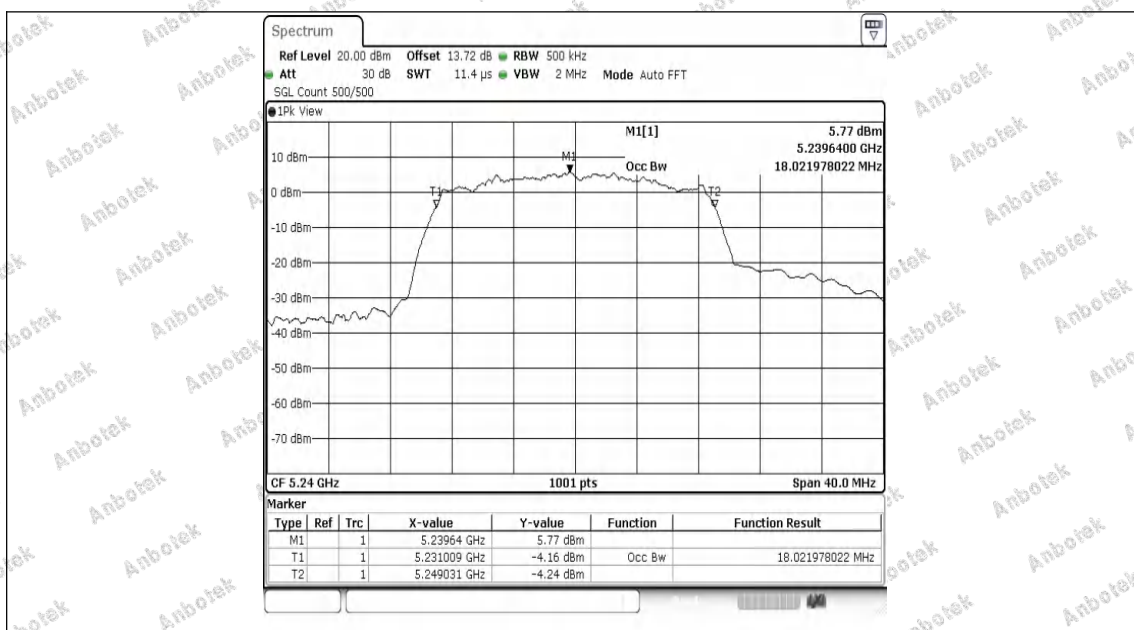


11N20SISO-Ant1-5180

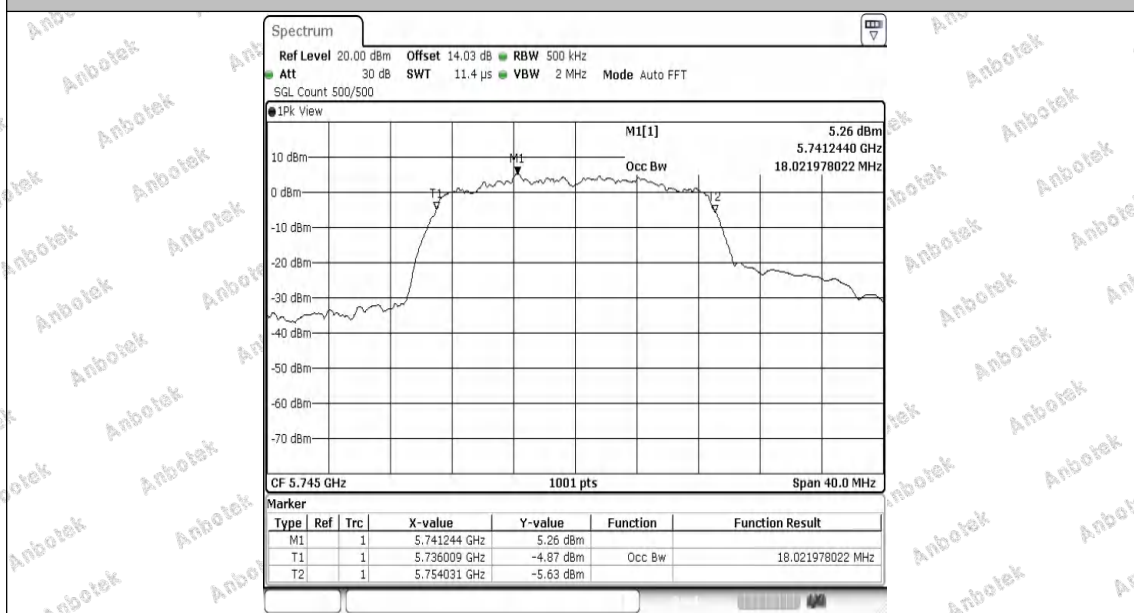


11N20SISO-Ant1-5200



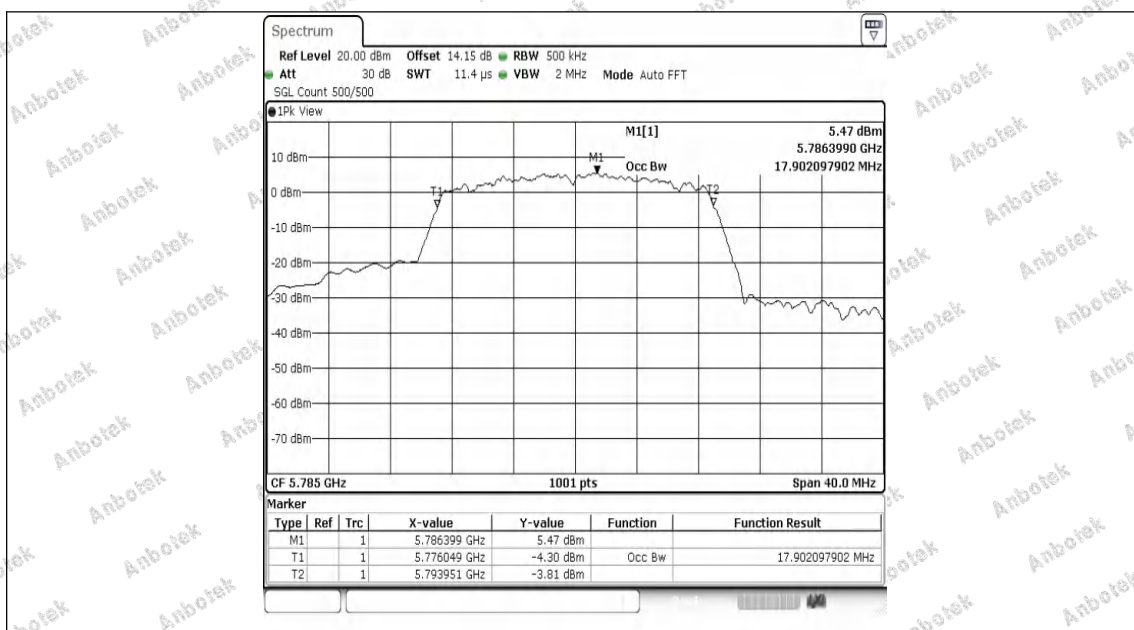


11N20SISO-Ant1-5240

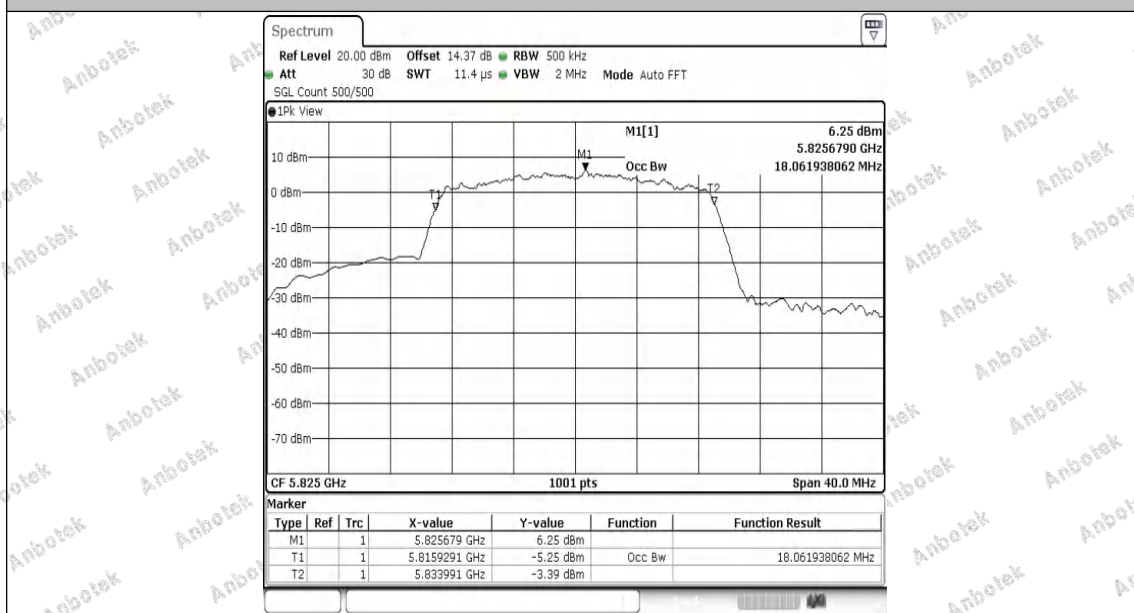


11N20SISO-Ant1-5745



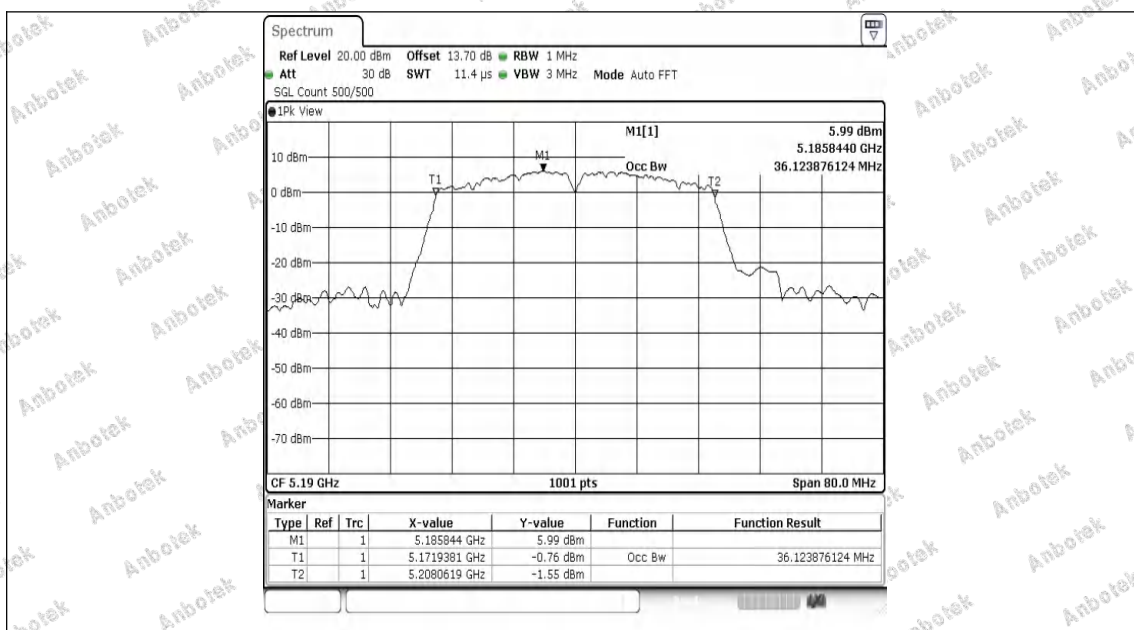


11N20SISO-Ant1-5785

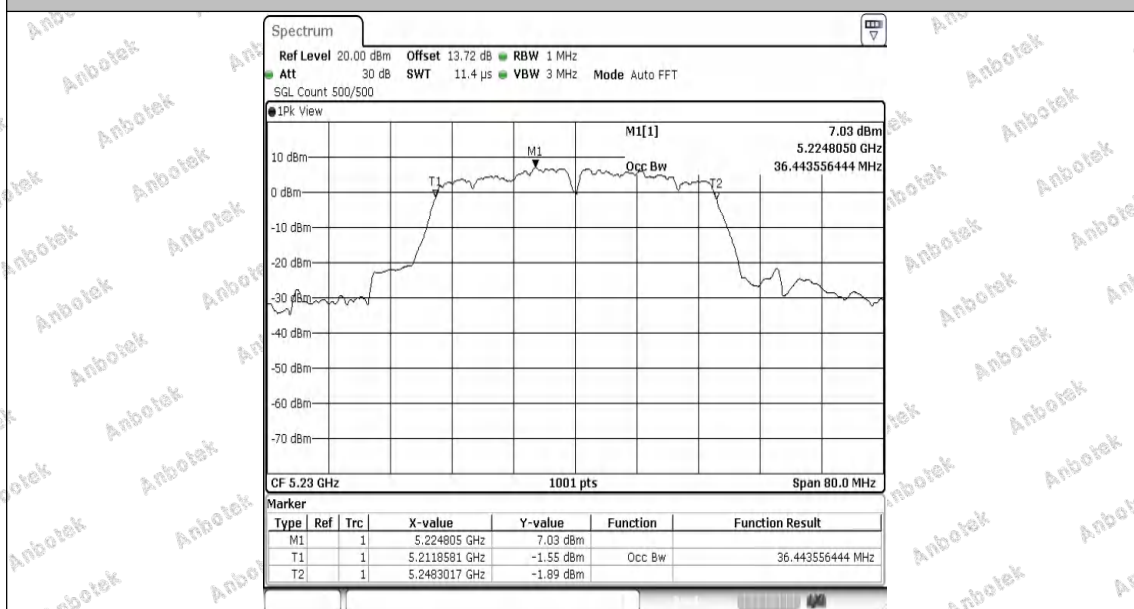


11N20SISO-Ant1-5825



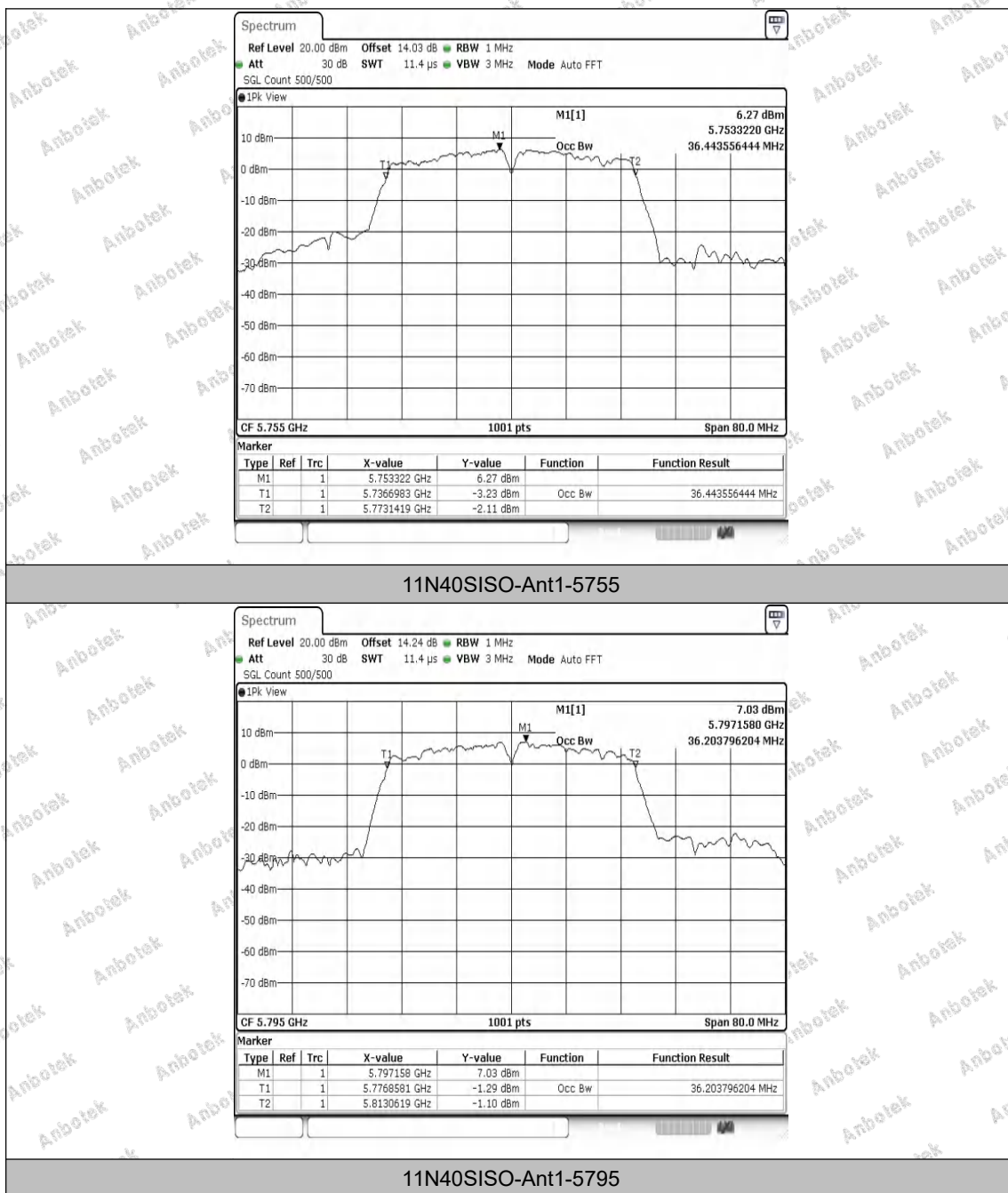


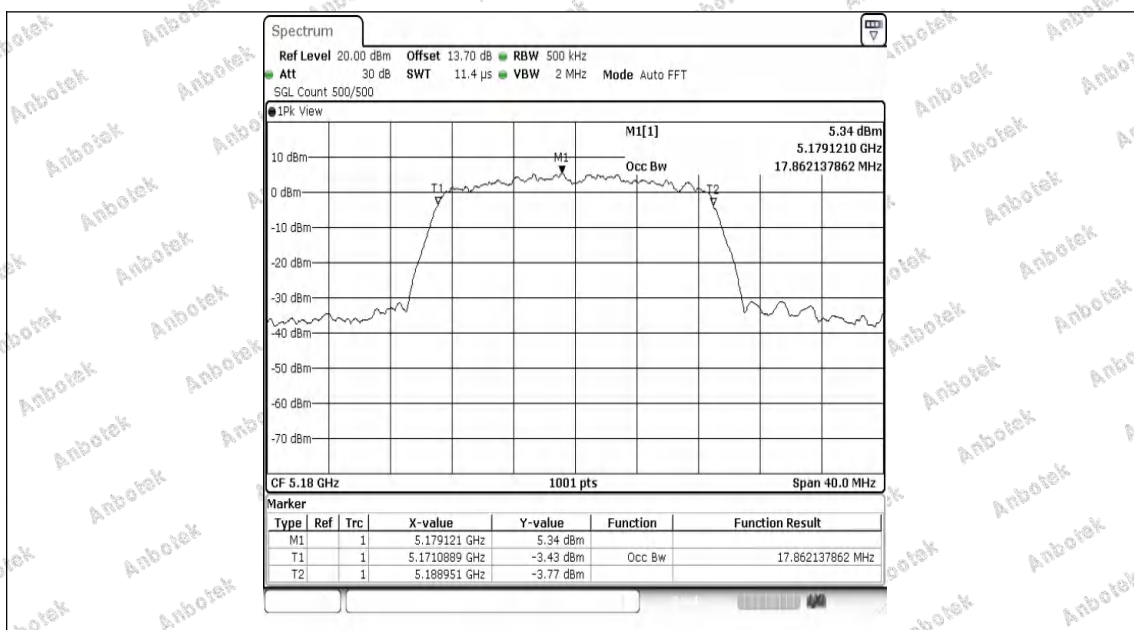
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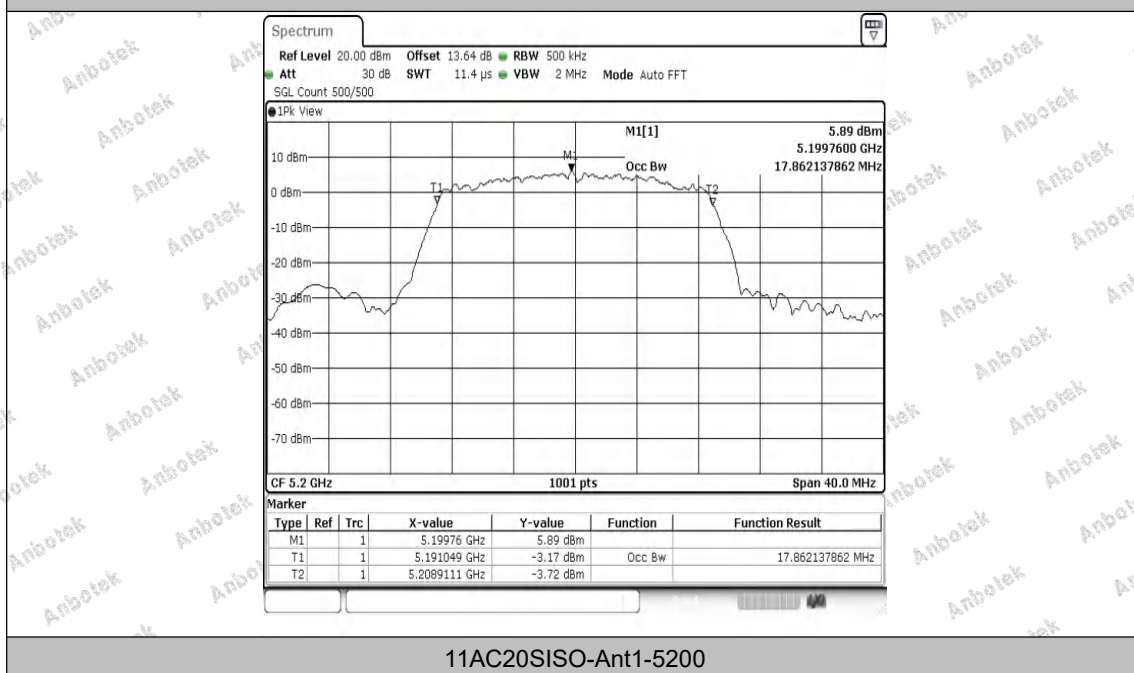
11N40SISO-Ant1-5230





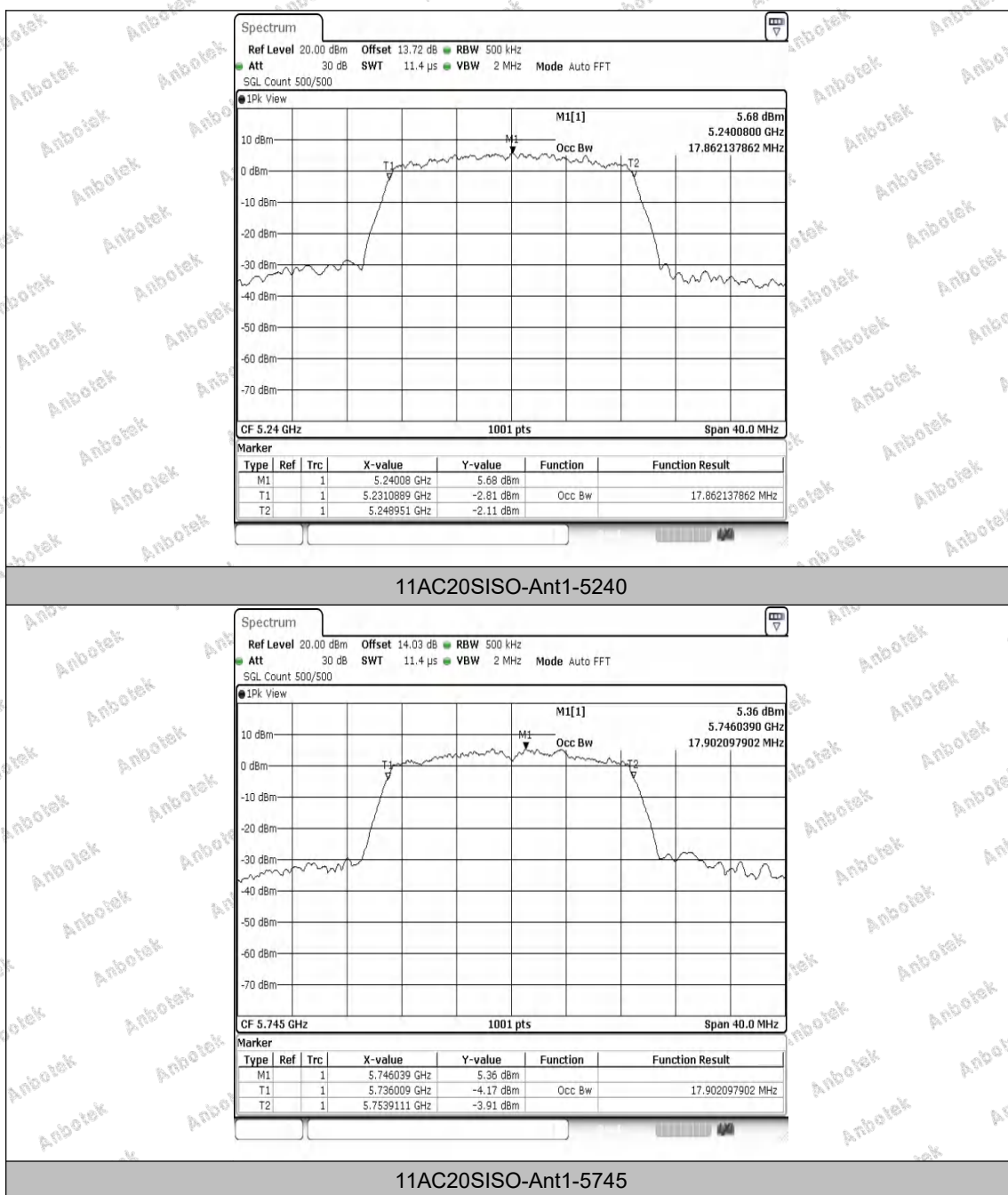


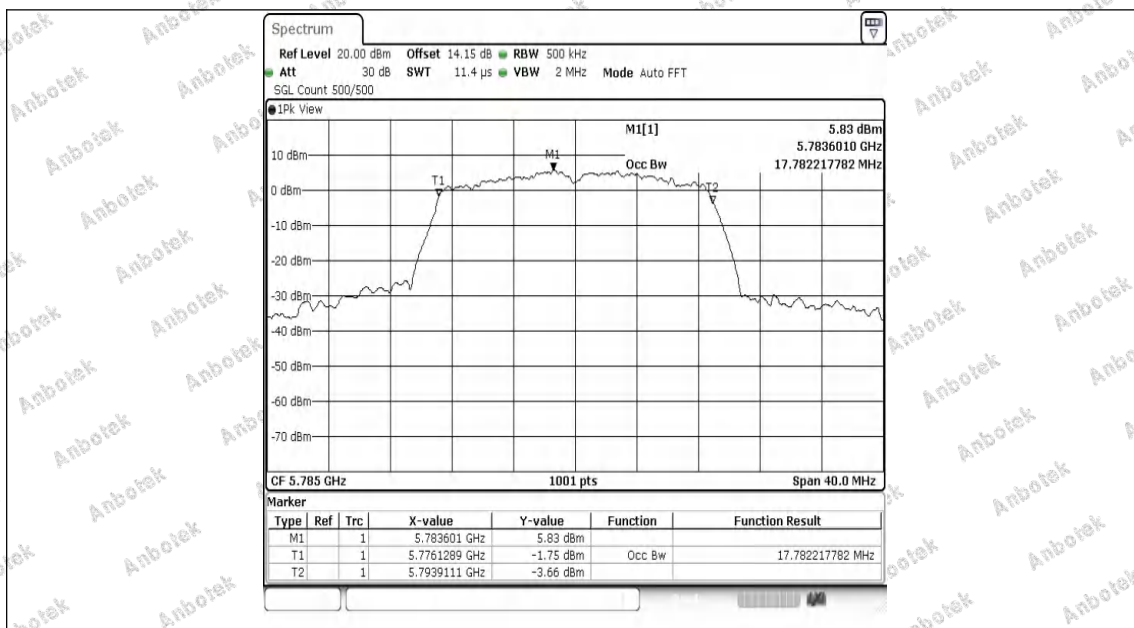
11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200





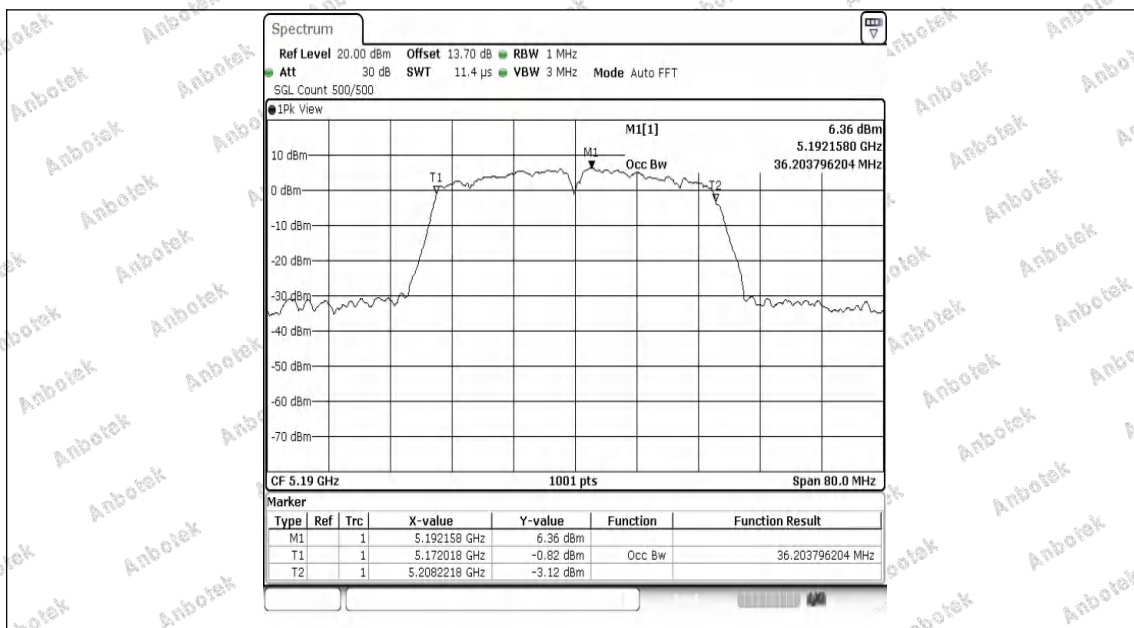


11AC20SISO-Ant1-5785

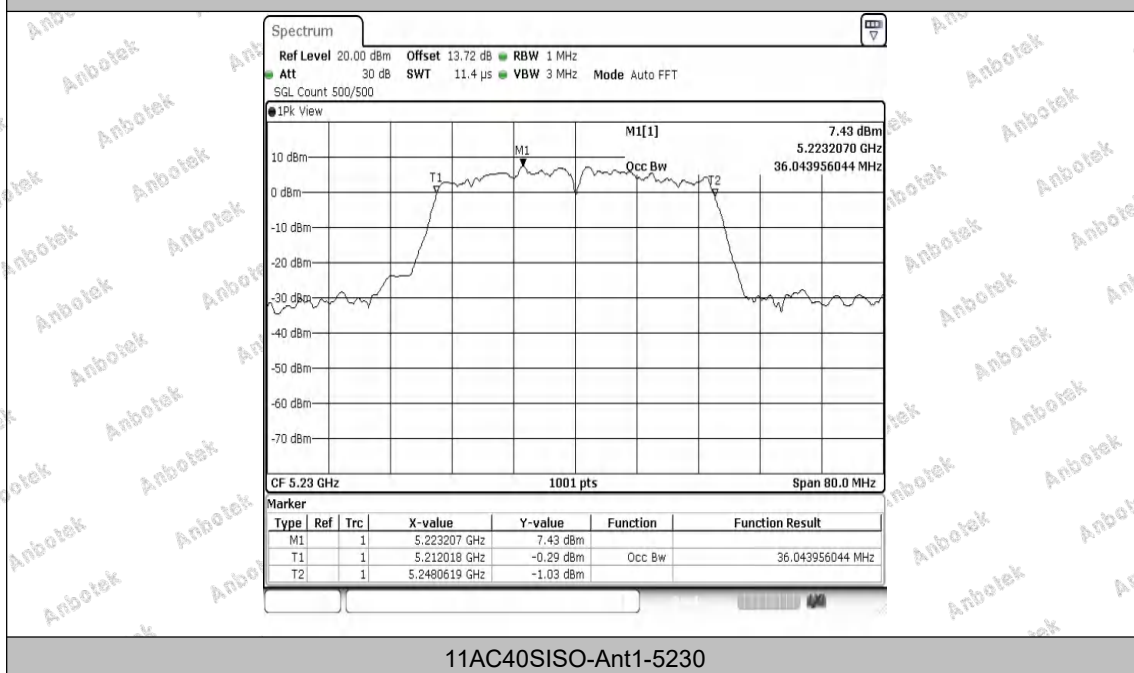


11AC20SISO-Ant1-5825



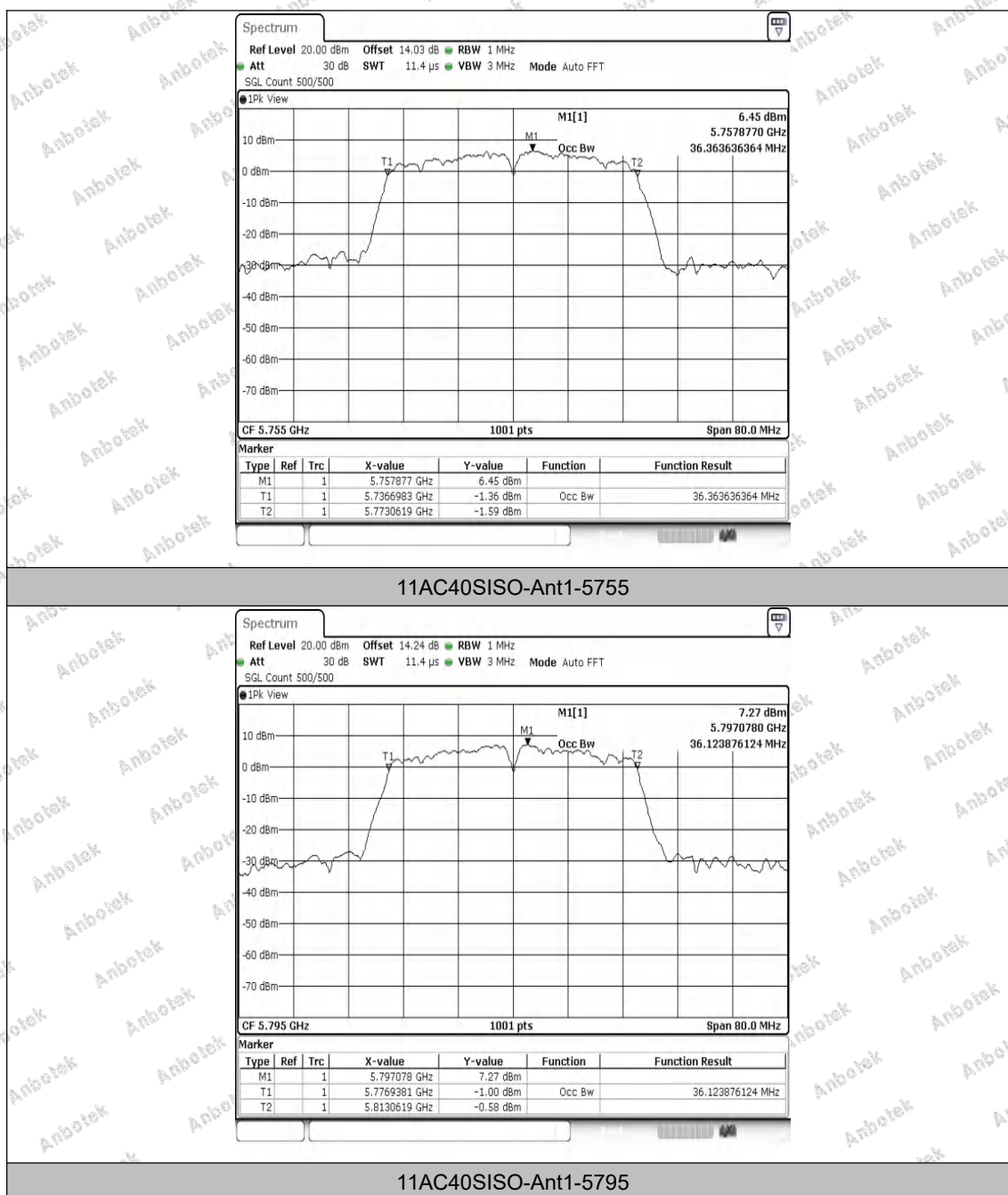


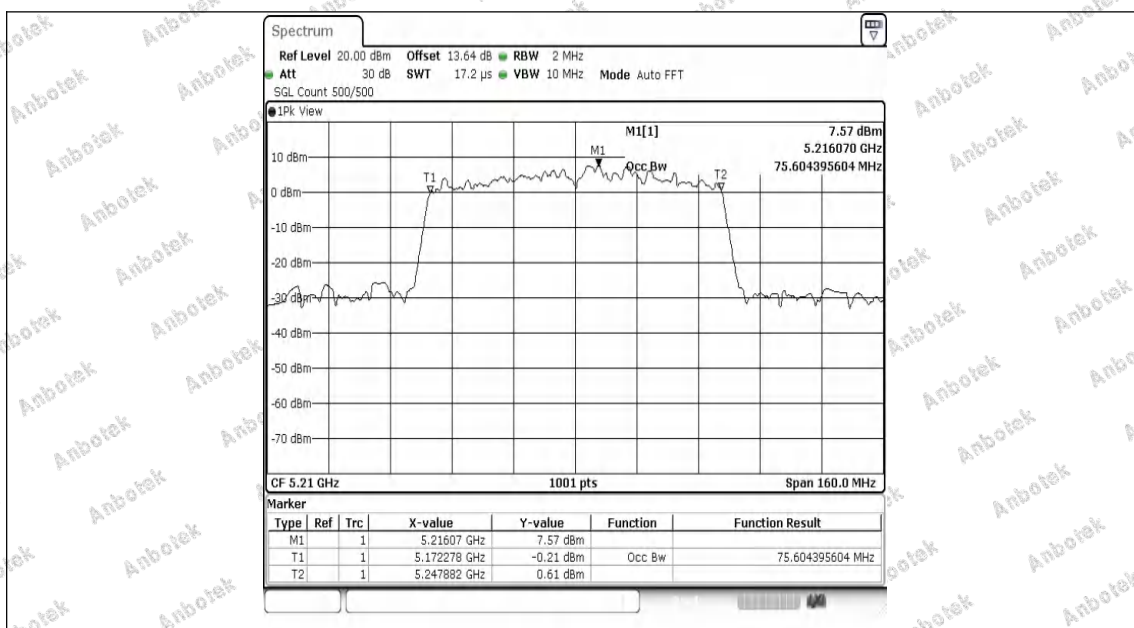
11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230







11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5775



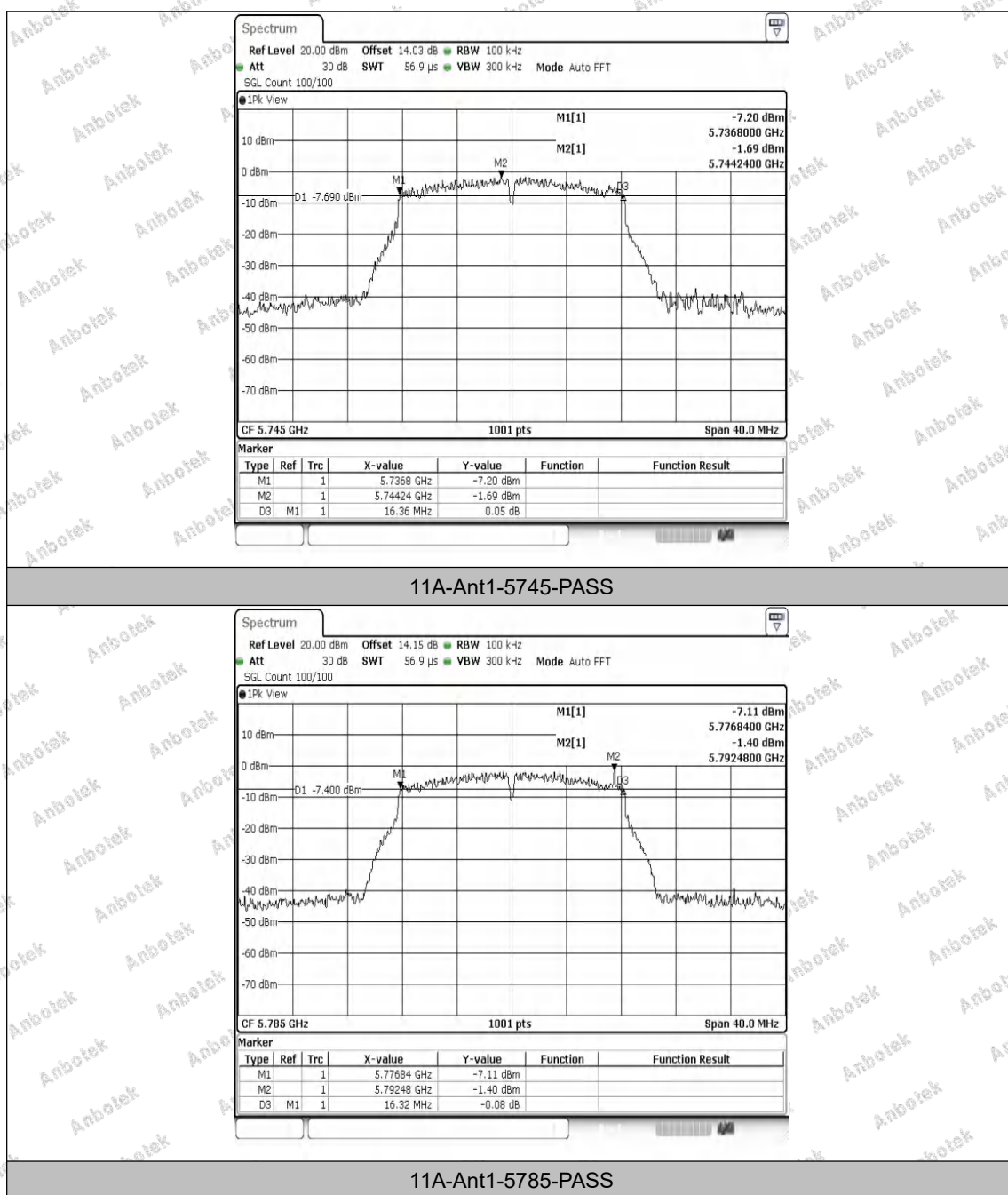
Appendix A3: Min emission bandwidth

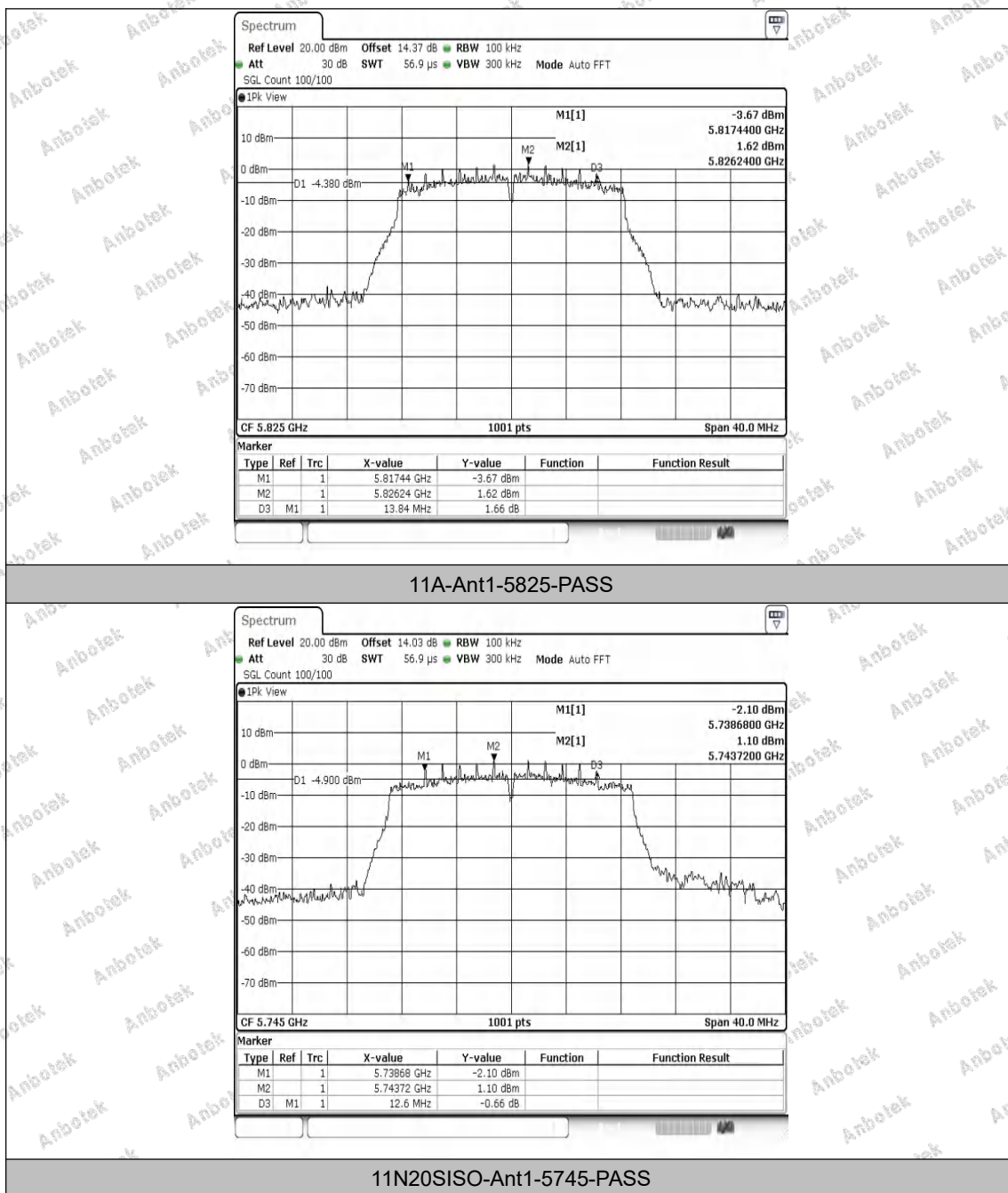
Test Result B4

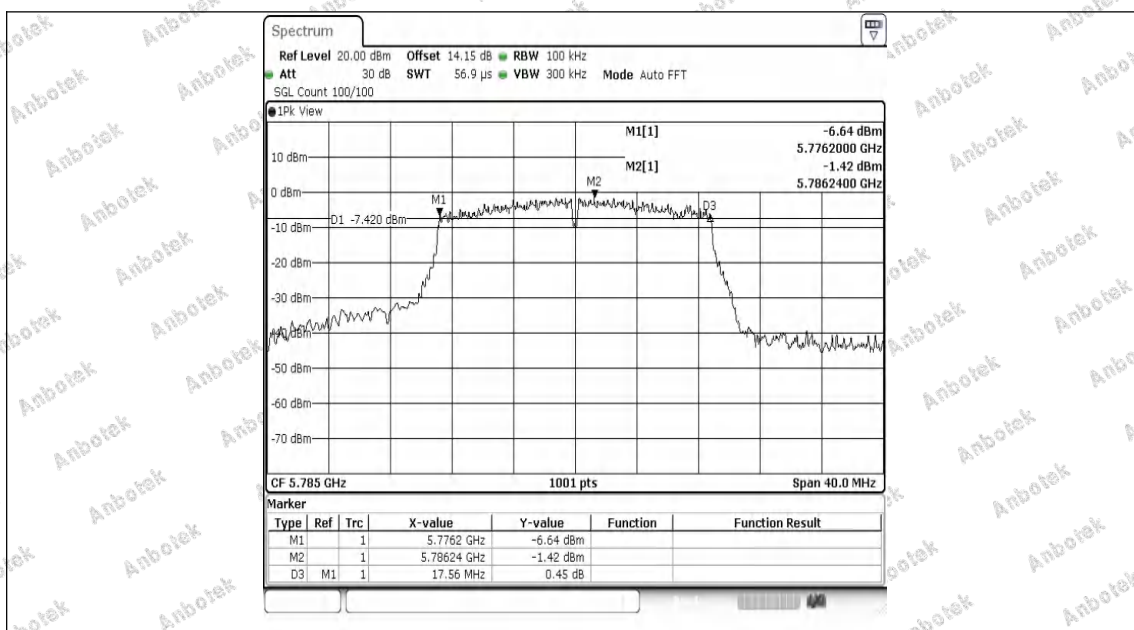
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.80	5753.16	0.5	PASS
11A	Ant1	5785	16.32	5776.84	5793.16	0.5	PASS
11A	Ant1	5825	13.84	5817.44	5831.28	0.5	PASS
11N20SISO	Ant1	5745	12.60	5738.68	5751.28	0.5	PASS
11N20SISO	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
11N20SISO	Ant1	5825	13.88	5818.68	5832.56	0.5	PASS
11N40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
11N40SISO	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	13.76	5737.52	5751.28	0.5	PASS
11AC20SISO	Ant1	5785	13.84	5778.64	5792.48	0.5	PASS
11AC20SISO	Ant1	5825	17.28	5816.48	5833.76	0.5	PASS
11AC40SISO	Ant1	5755	35.28	5737.48	5772.76	0.5	PASS
11AC40SISO	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	72.64	5739.96	5812.60	0.5	PASS



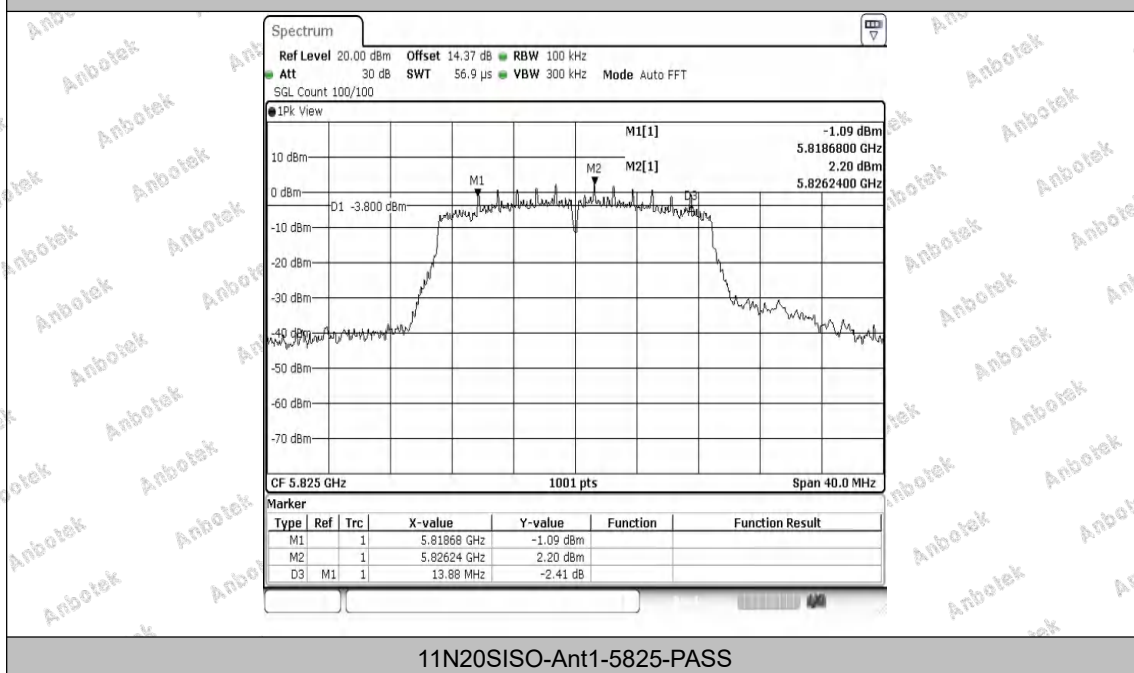
Test Graphs B4





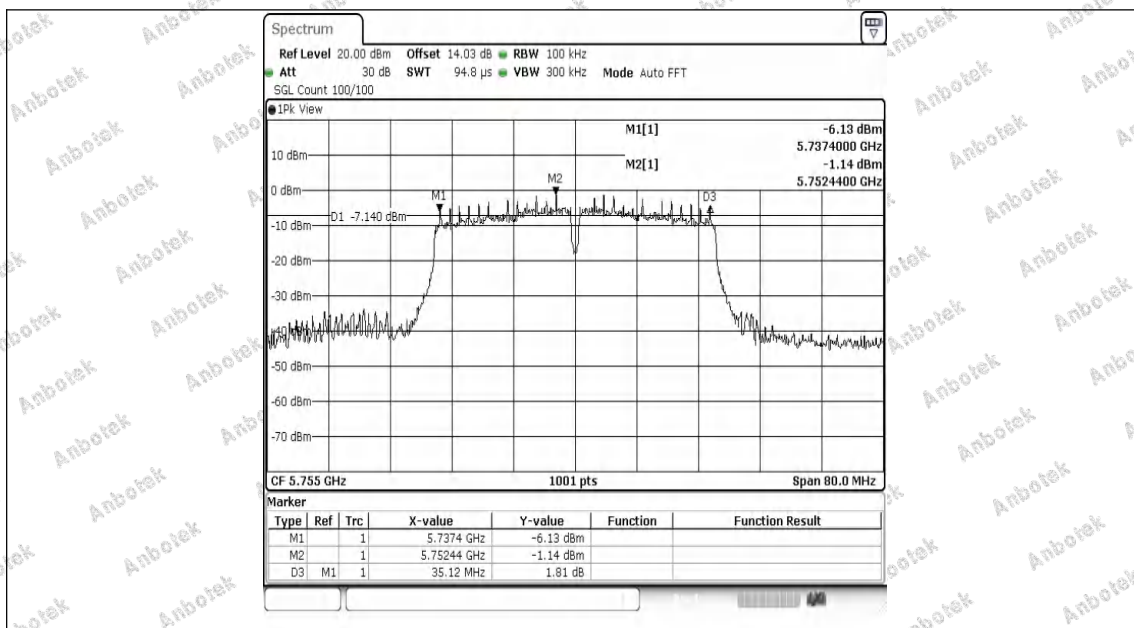


11N20SISO-Ant1-5785-PASS

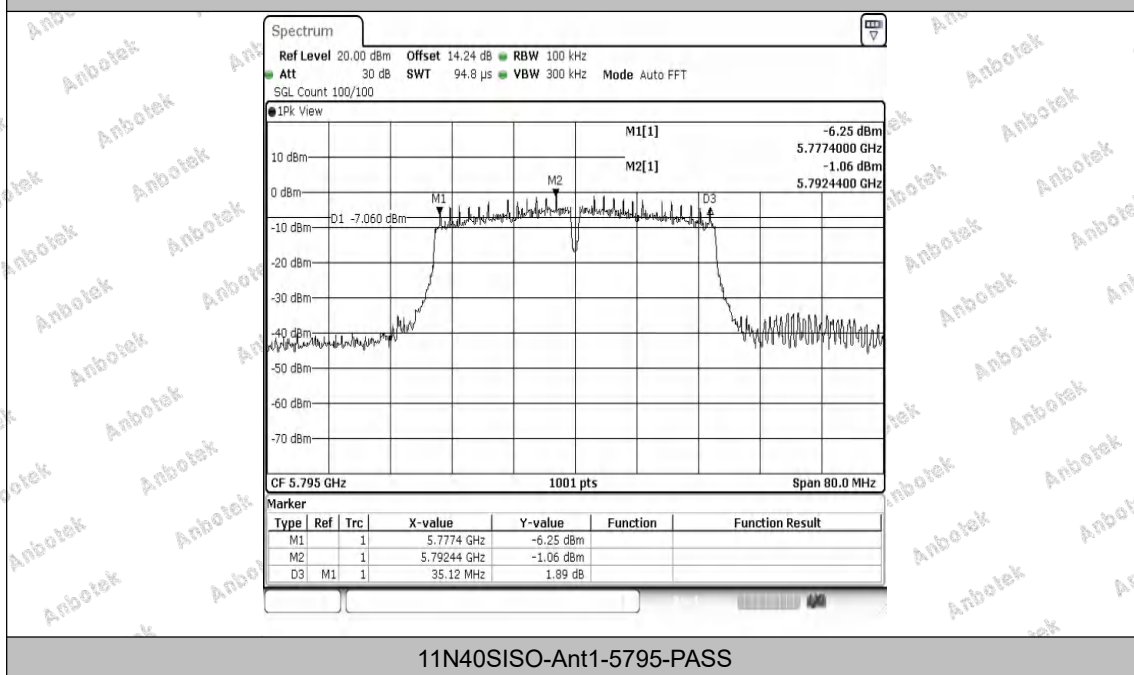


11N20SISO-Ant1-5825-PASS



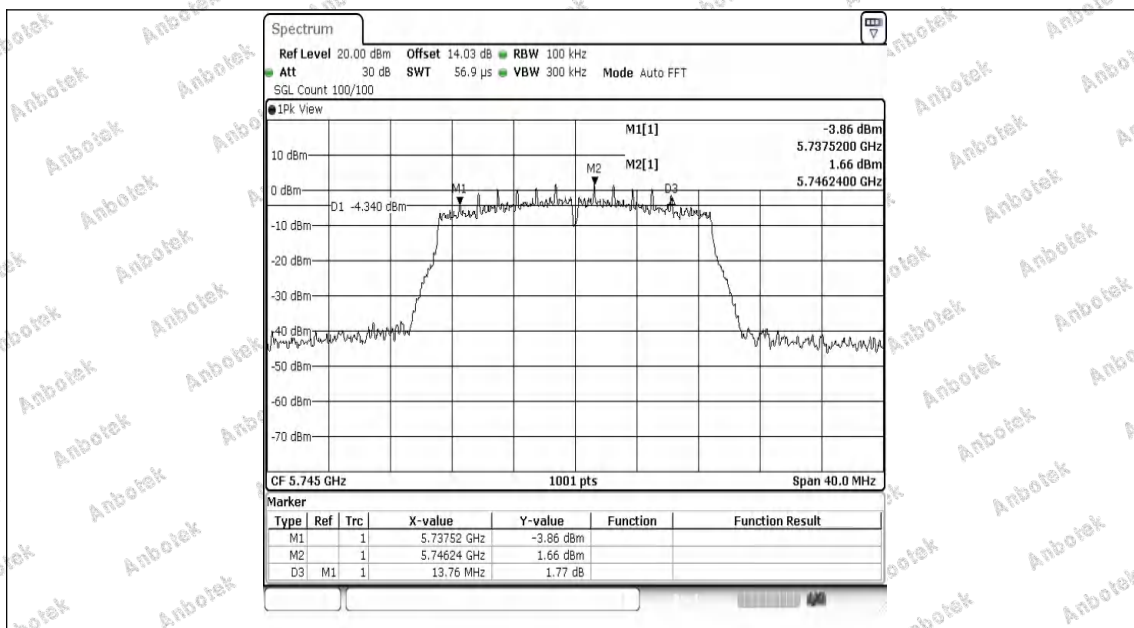


11N40SISO-Ant1-5755-PASS

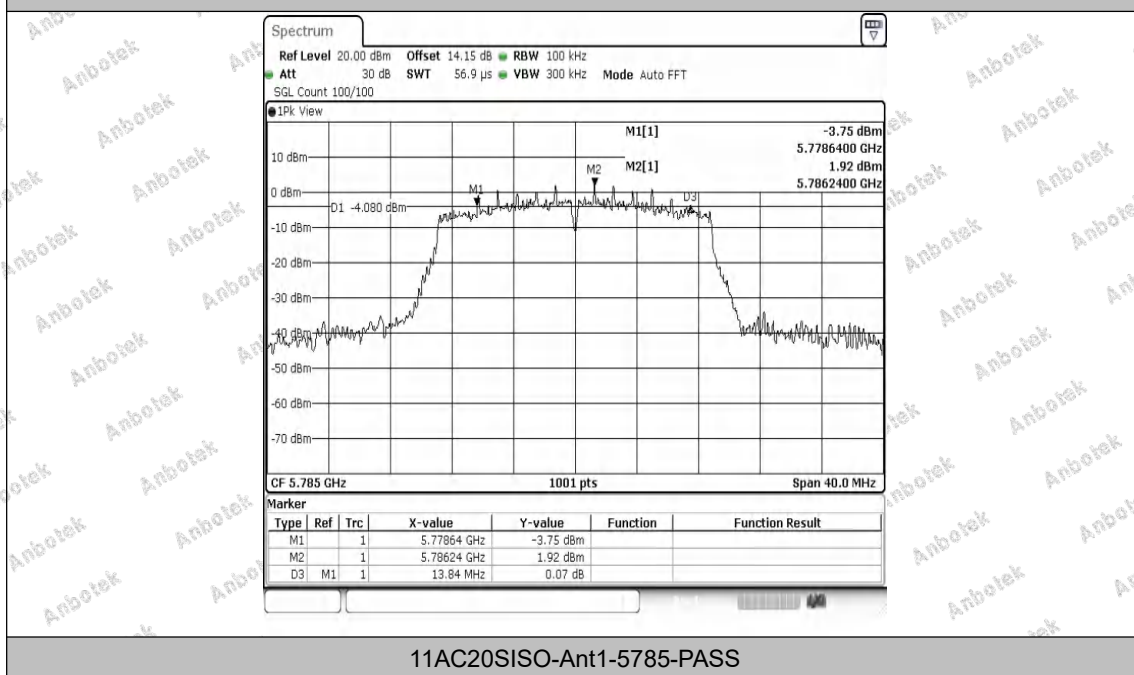


11N40SISO-Ant1-5795-PASS



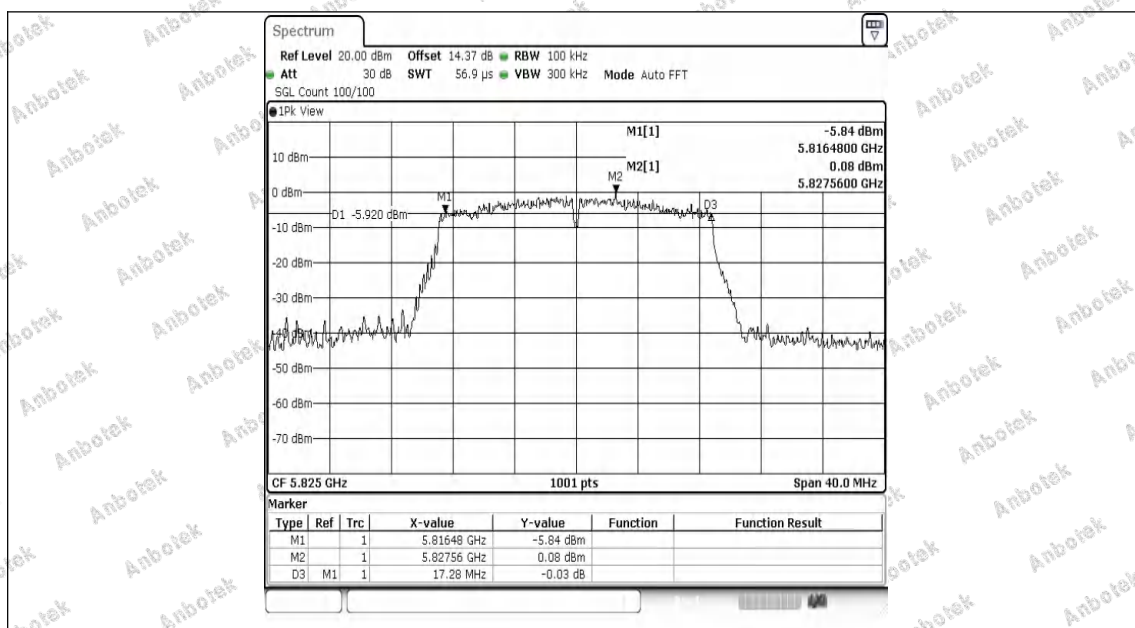


11AC20SISO-Ant1-5745-PASS

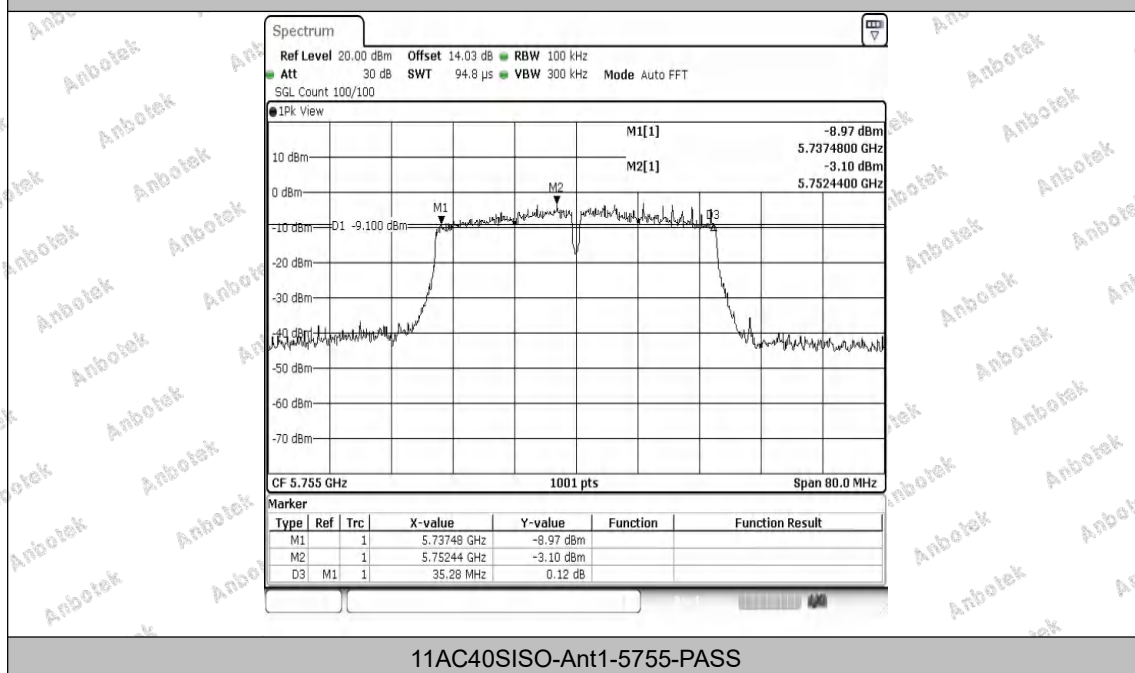


11AC20SISO-Ant1-5785-PASS



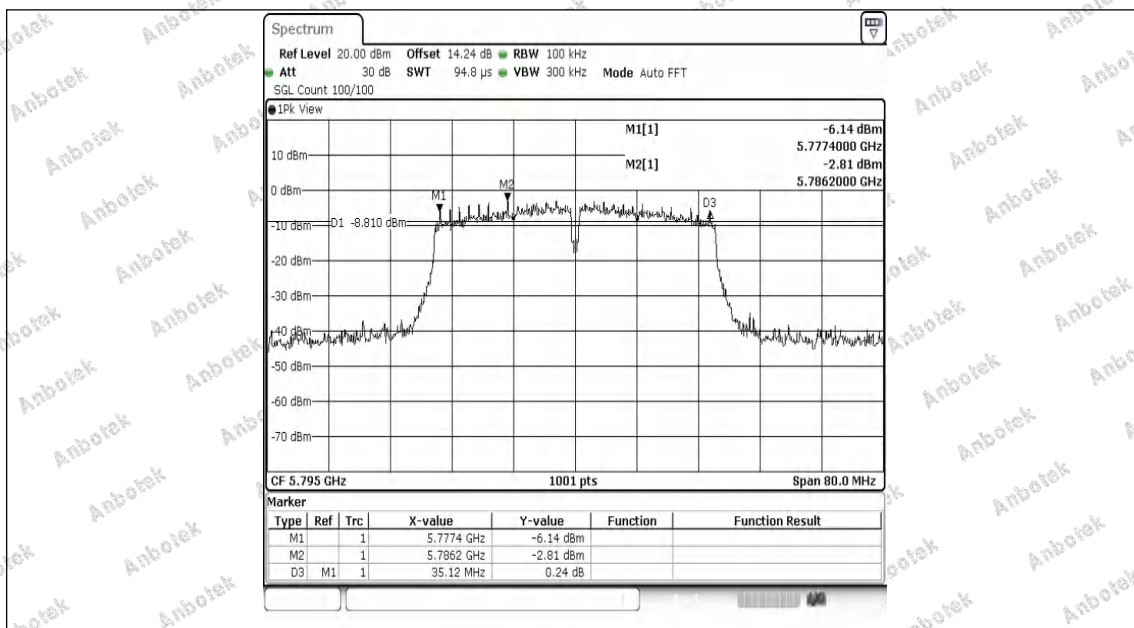


11AC20SISO-Ant1-5825-PASS

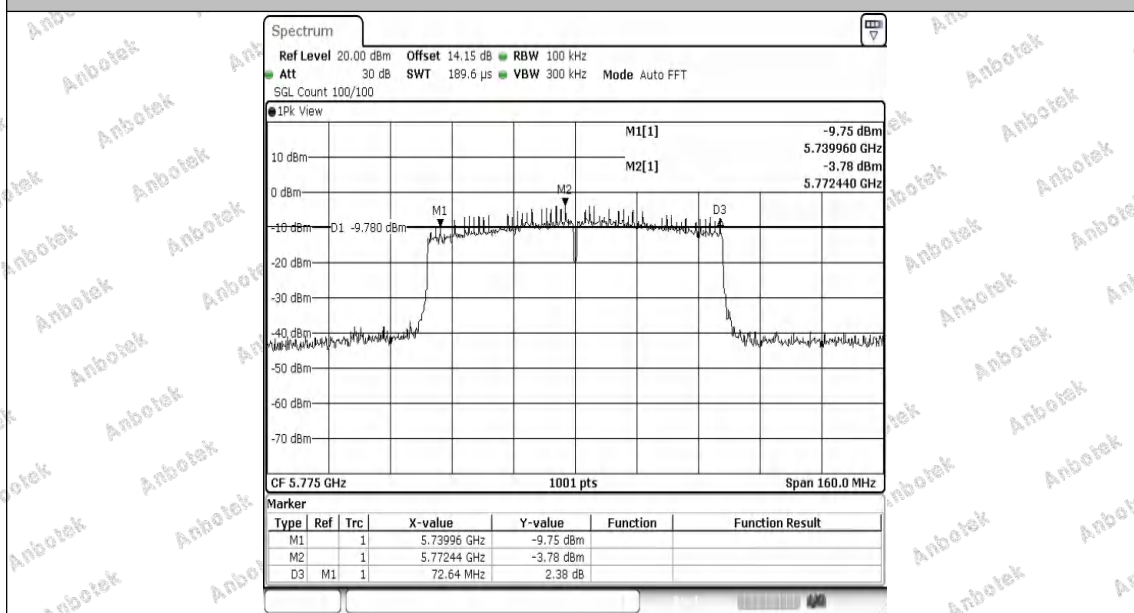


11AC40SISO-Ant1-5755-PASS





11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS



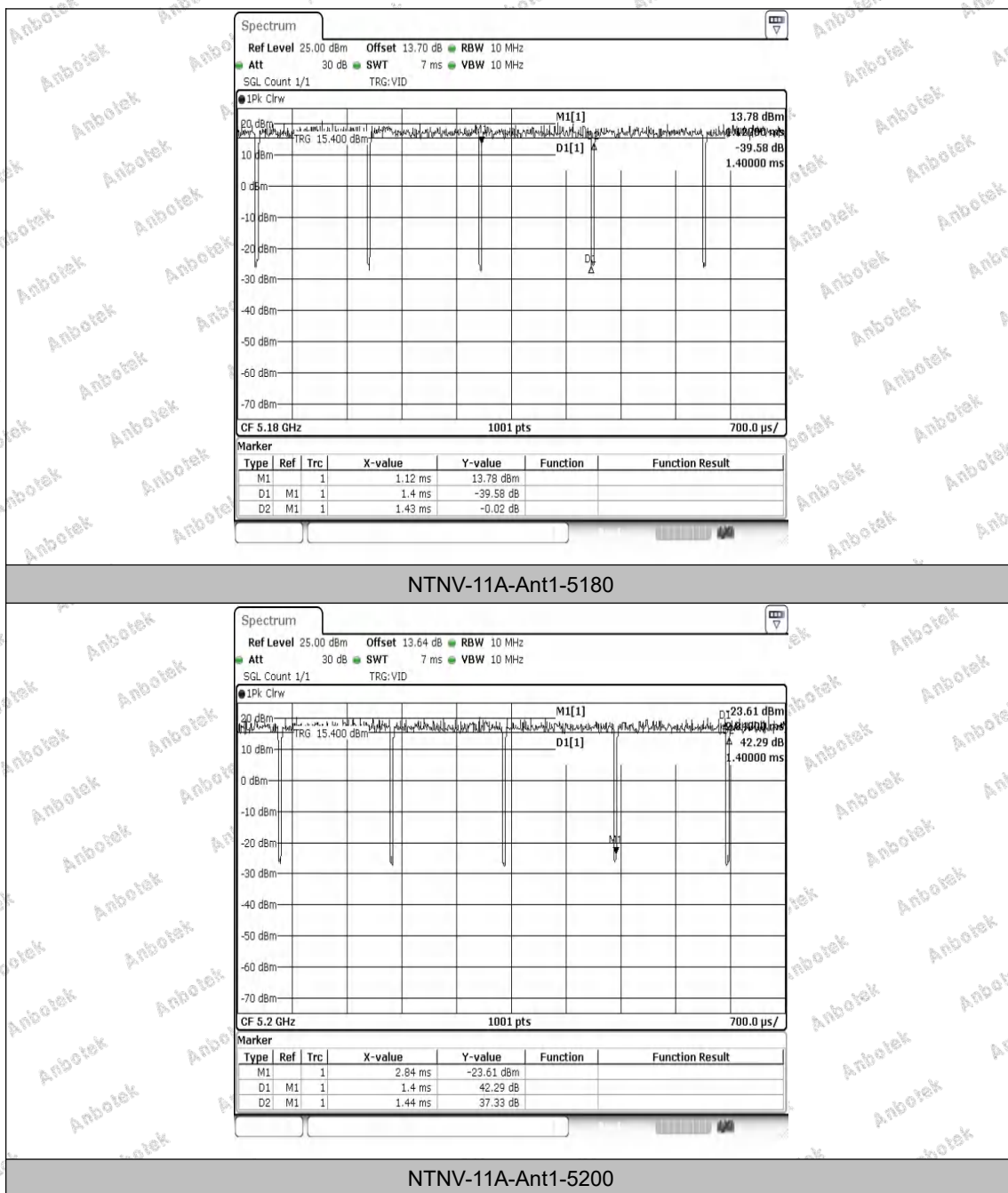
Appendix B: Duty Cycle

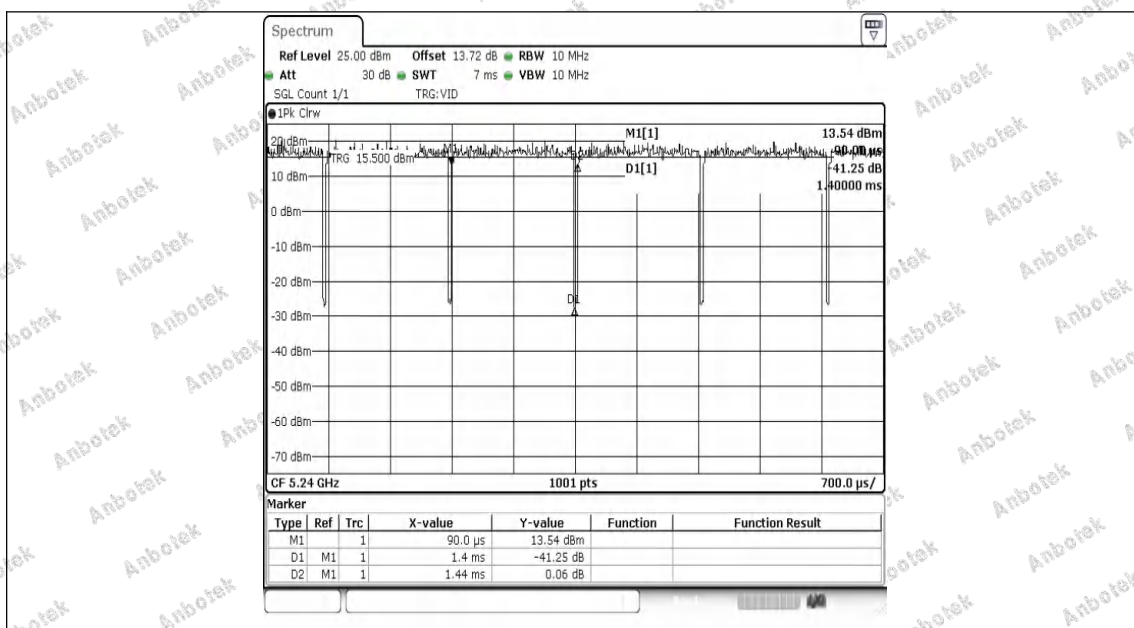
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11A	Ant1	5180	1.40	1.43	97.90	0.09	0.71
11A	Ant1	5200	1.40	1.44	97.22	0.12	0.71
11A	Ant1	5240	1.40	1.44	97.22	0.12	0.71
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	1.40	1.43	97.90	0.09	0.71
11N20SISO	Ant1	5180	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	5200	1.29	1.34	96.27	0.17	0.78
11N20SISO	Ant1	5240	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	5745	1.31	1.34	97.76	0.10	0.76
11N20SISO	Ant1	5785	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5825	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5190	0.65	0.69	94.20	0.26	1.54
11N40SISO	Ant1	5230	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5755	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5795	0.64	0.68	94.12	0.26	1.56
11AC20SISO	Ant1	5180	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5200	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5240	1.30	1.34	97.01	0.13	0.77
11AC20SISO	Ant1	5745	1.31	1.34	97.76	0.10	0.76
11AC20SISO	Ant1	5785	1.32	1.35	97.78	0.10	0.76
11AC20SISO	Ant1	5825	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5190	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5230	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5755	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5210	0.32	0.36	88.89	0.51	3.13
11AC80SISO	Ant1	5775	0.33	0.36	91.67	0.38	3.03

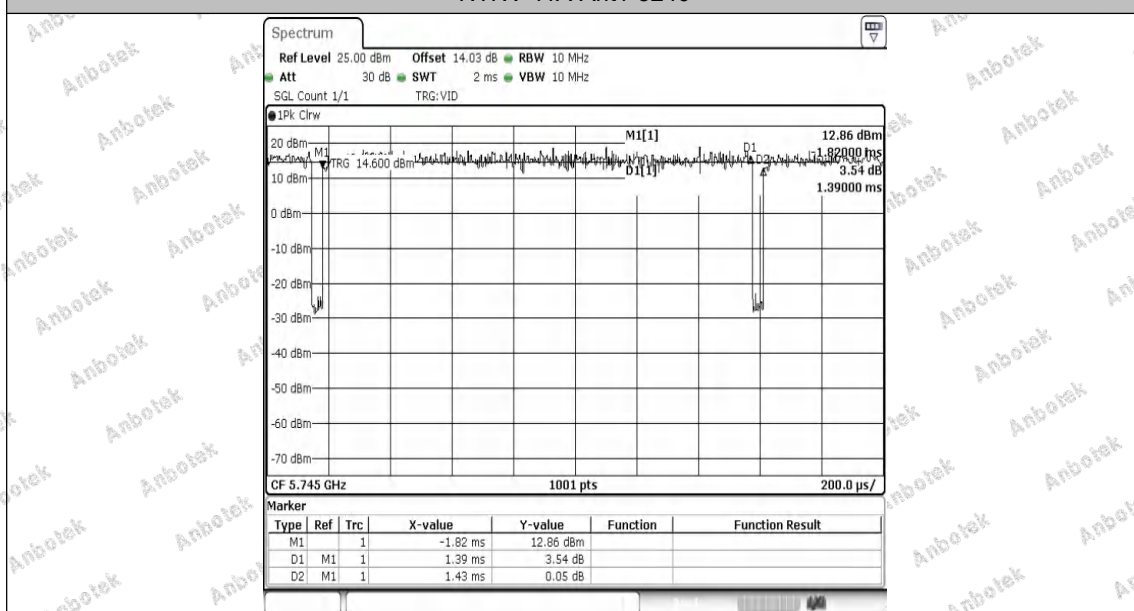


Test Graphs



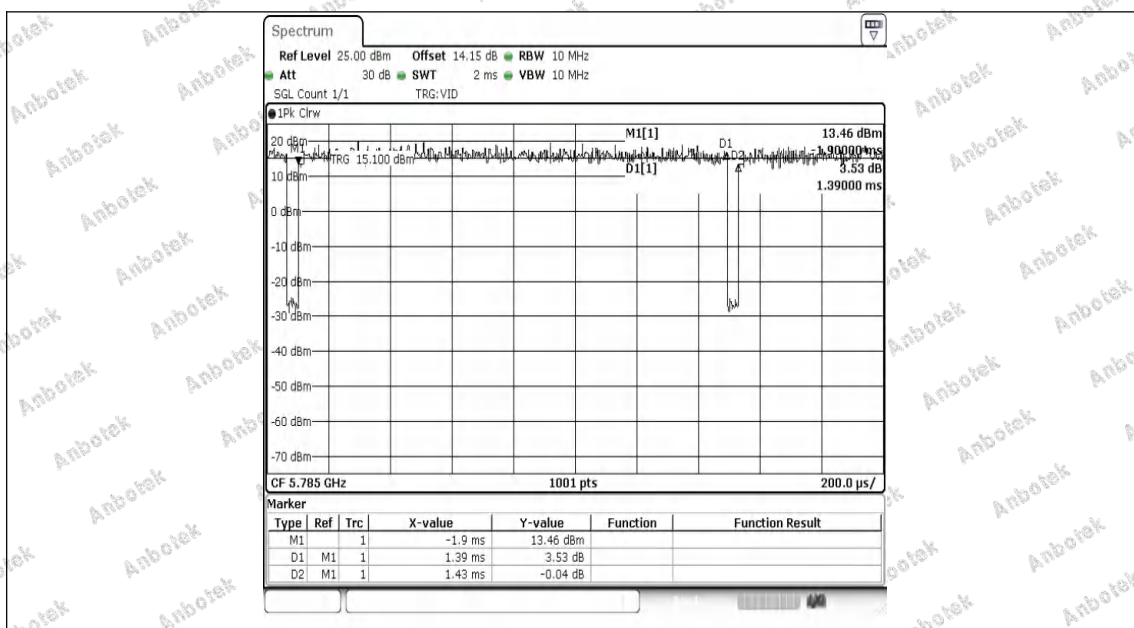


NTNV-11A-Ant1-5240

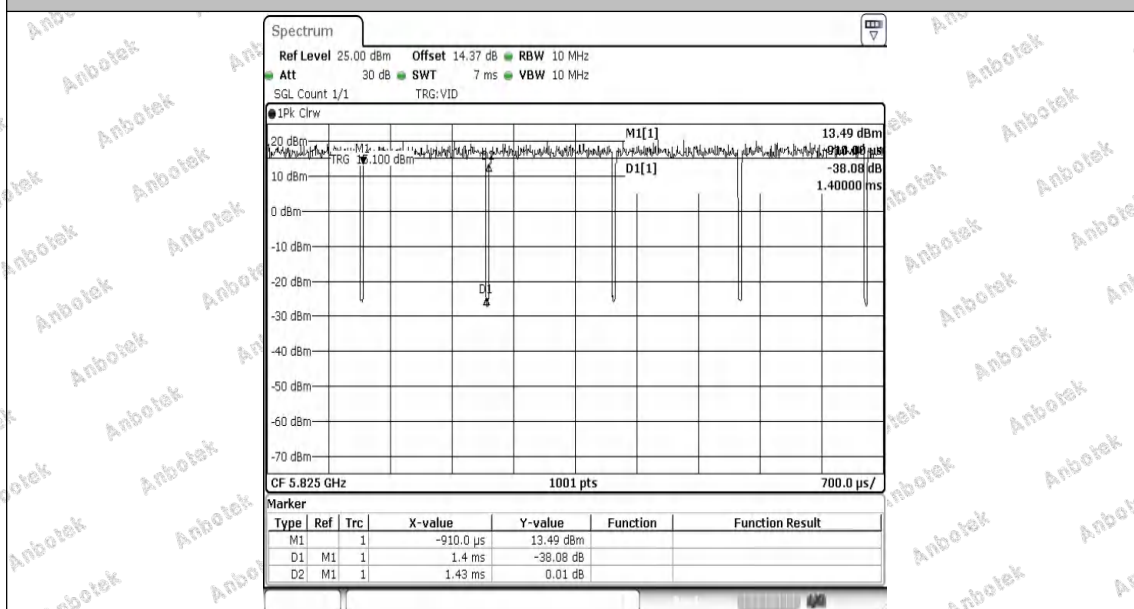


NTNV-11A-Ant1-5745





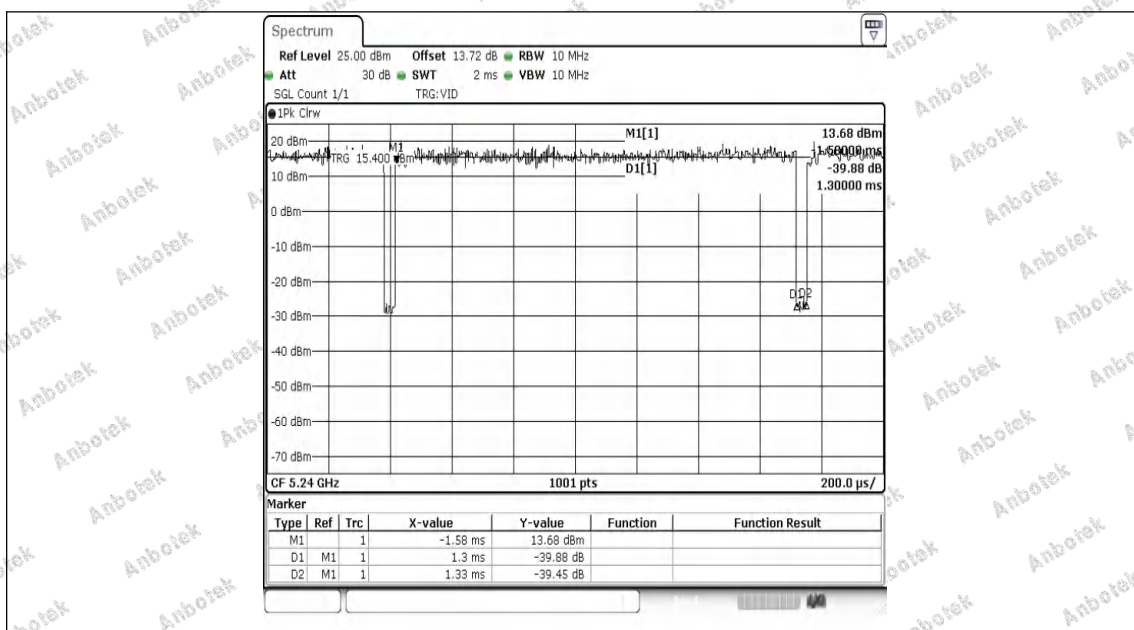
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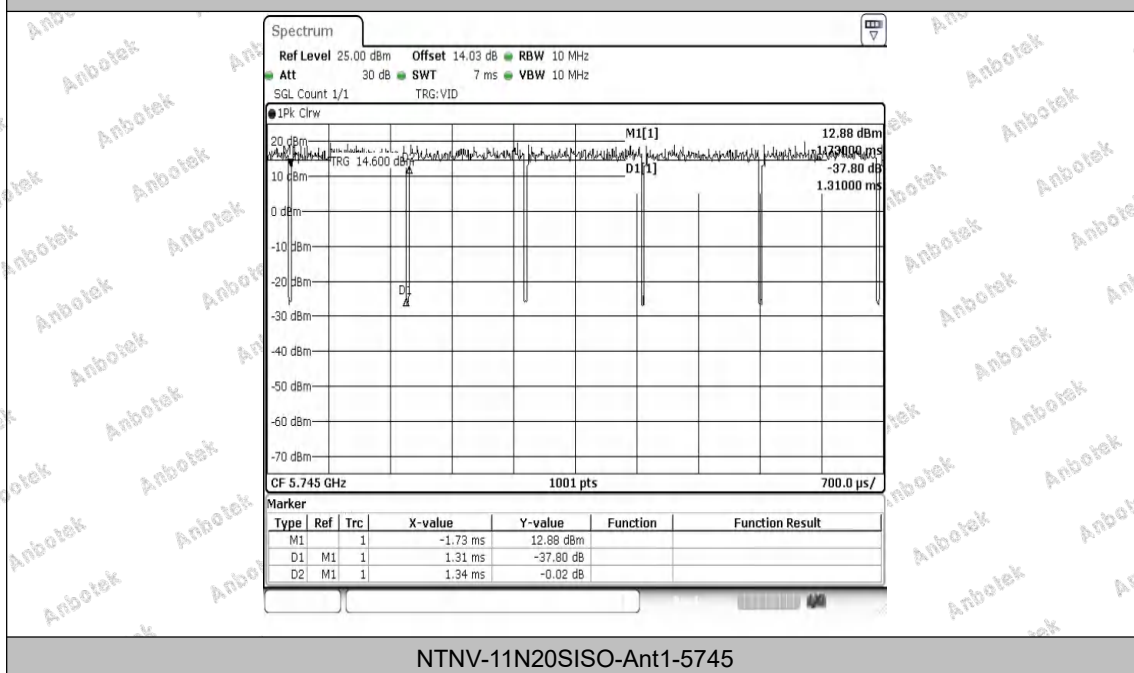
NTNV-11A-Ant1-5825





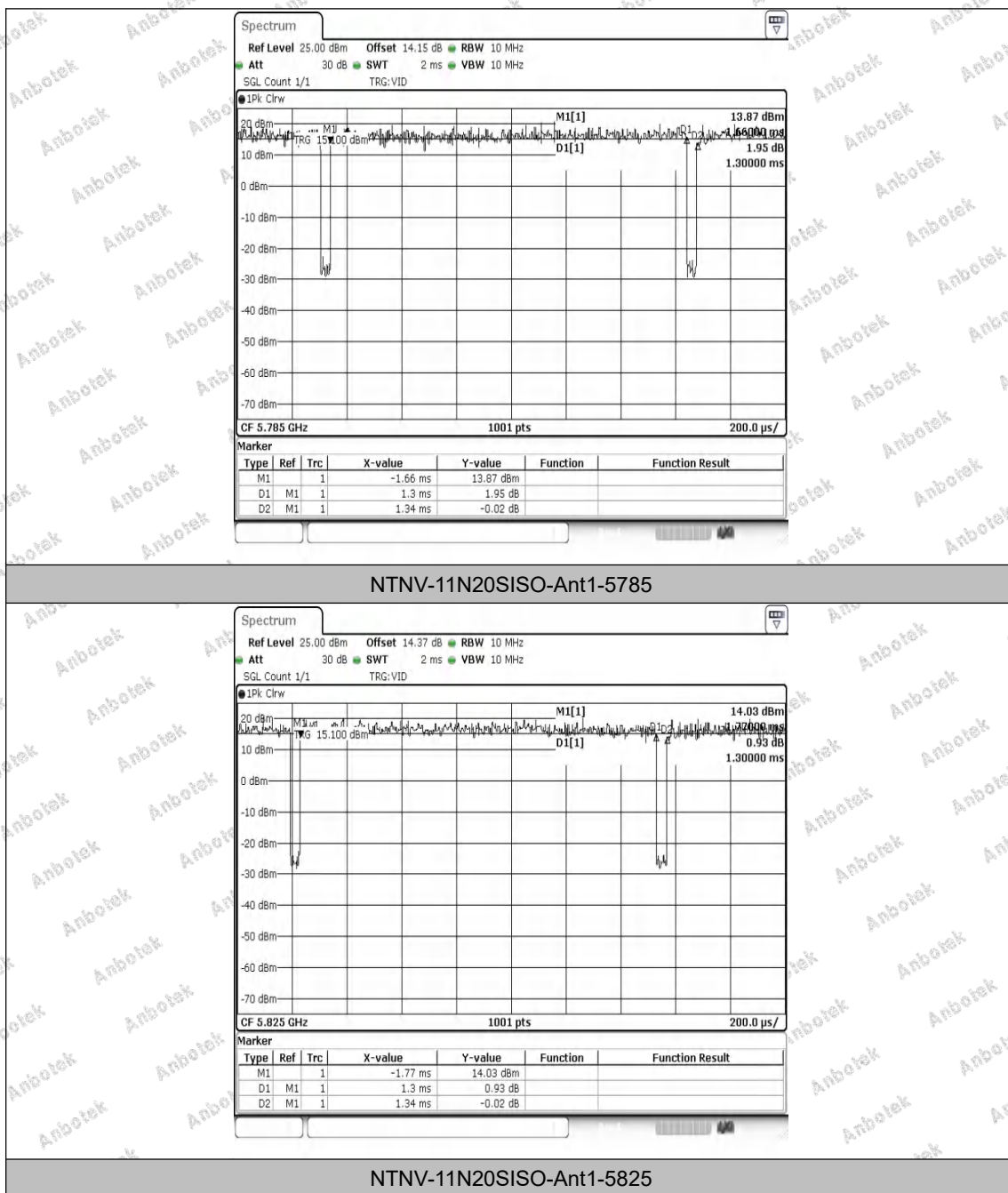


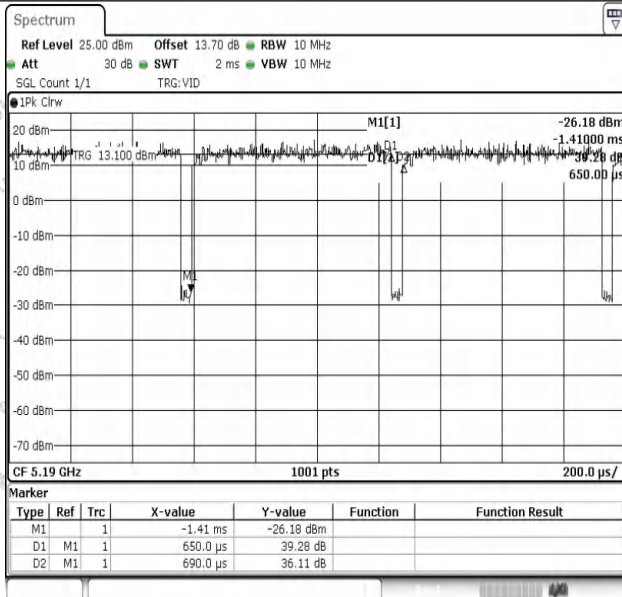
NTNV-11N20SISO-Ant1-5240



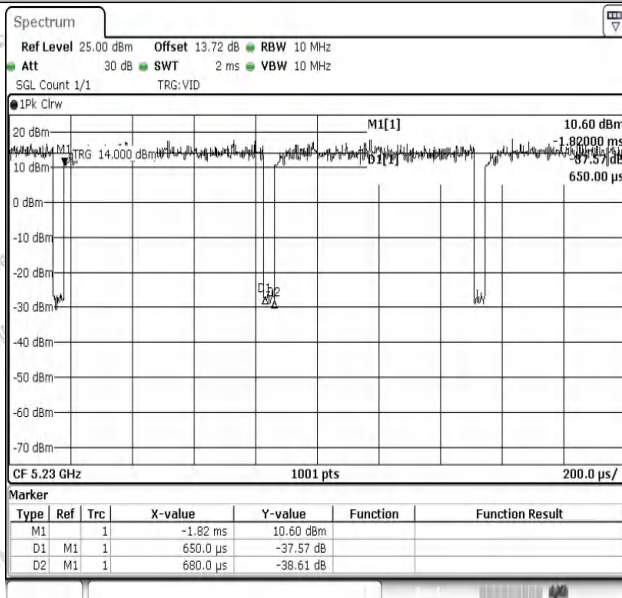
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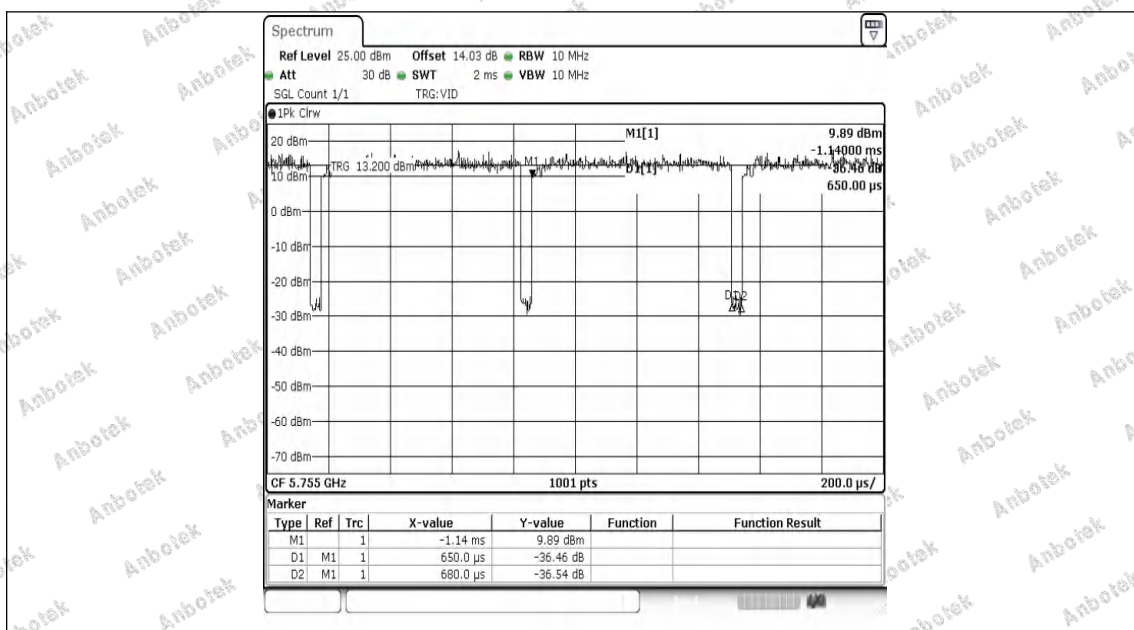


NTNV-11N40SISO-Ant1-5190

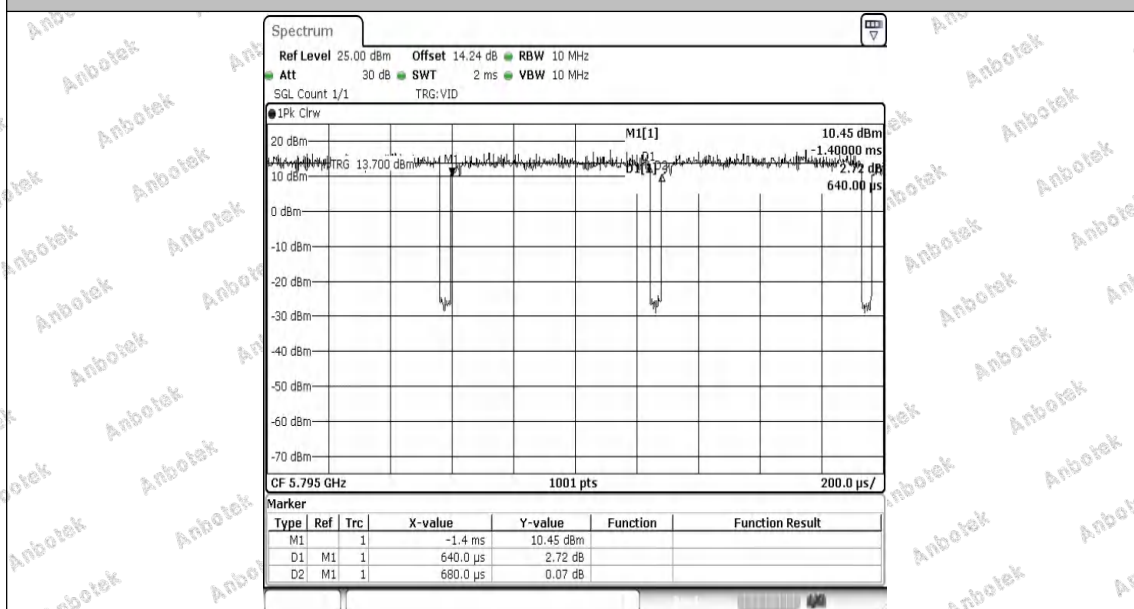


NTNV-11N40SISO-Ant1-5230



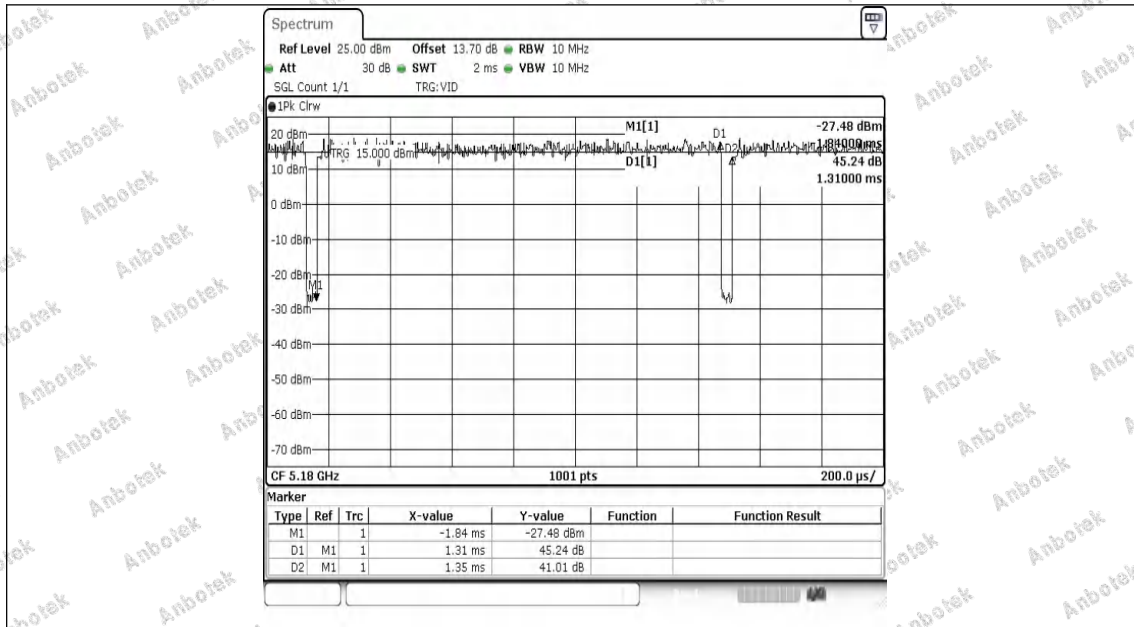


NTNV-11N40SISO-Ant1-5755

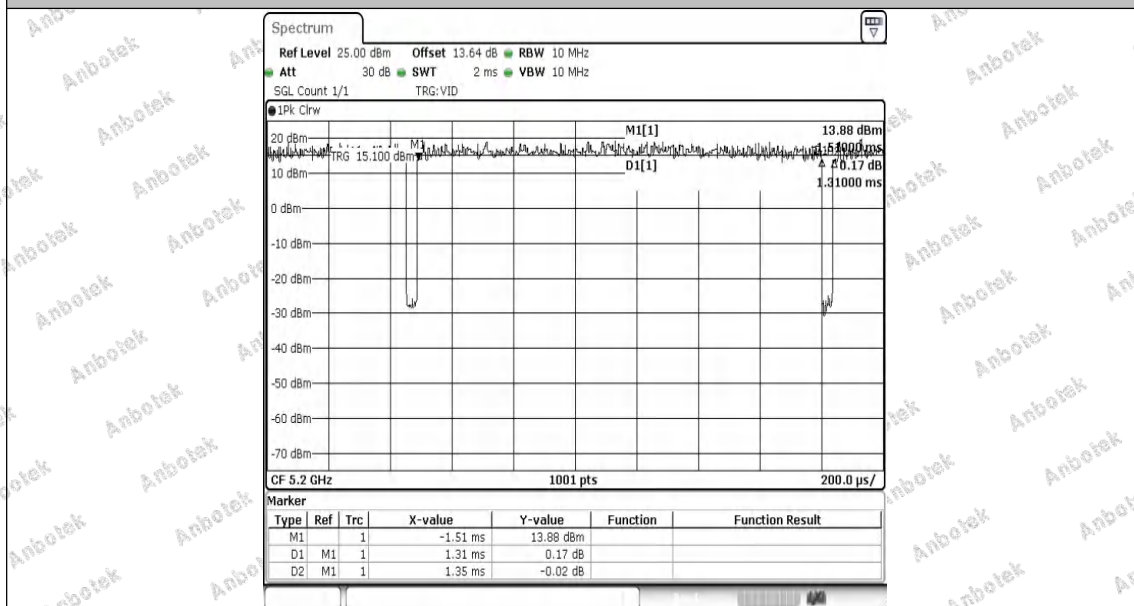


NTNV-11N40SISO-Ant1-5795



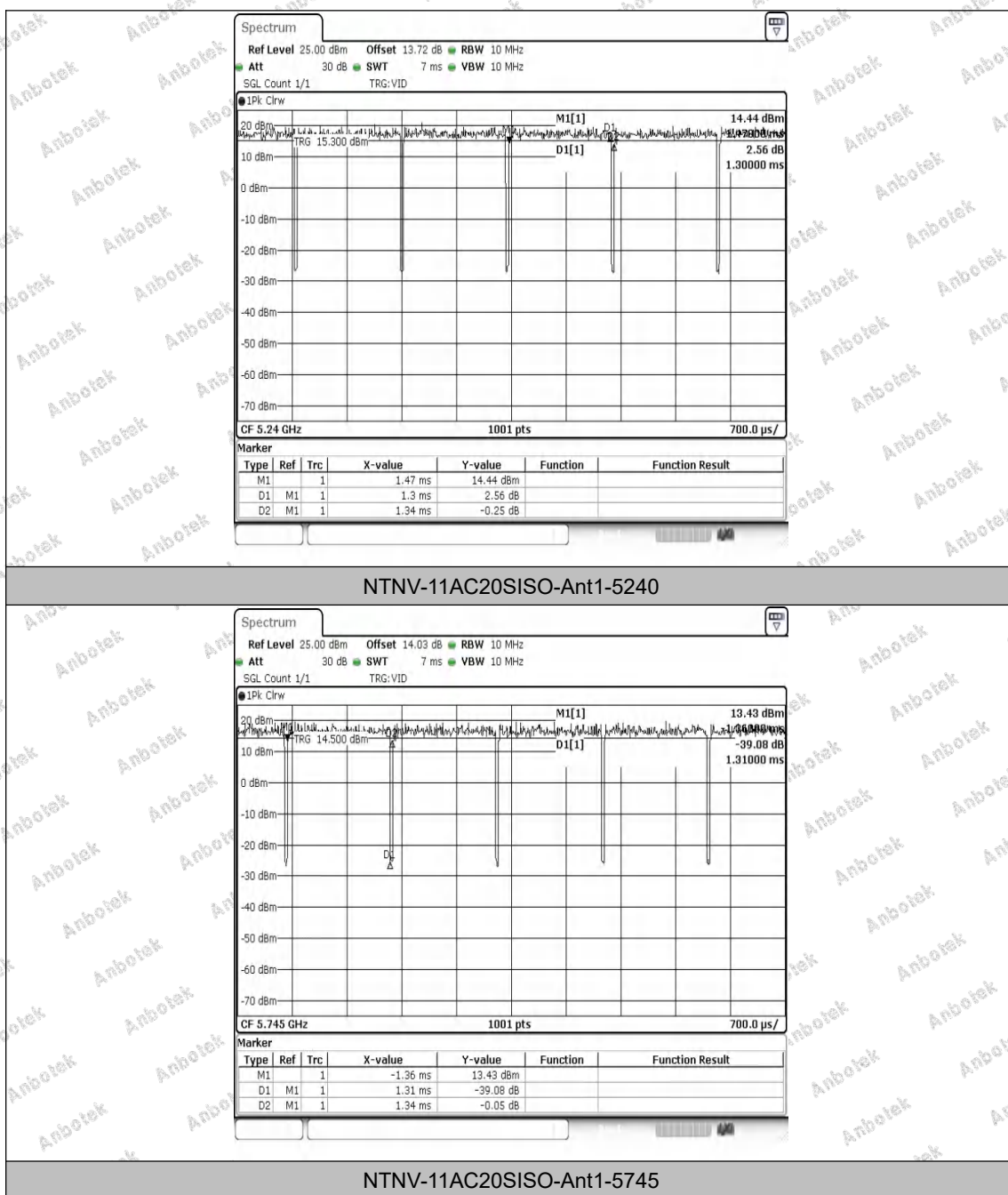


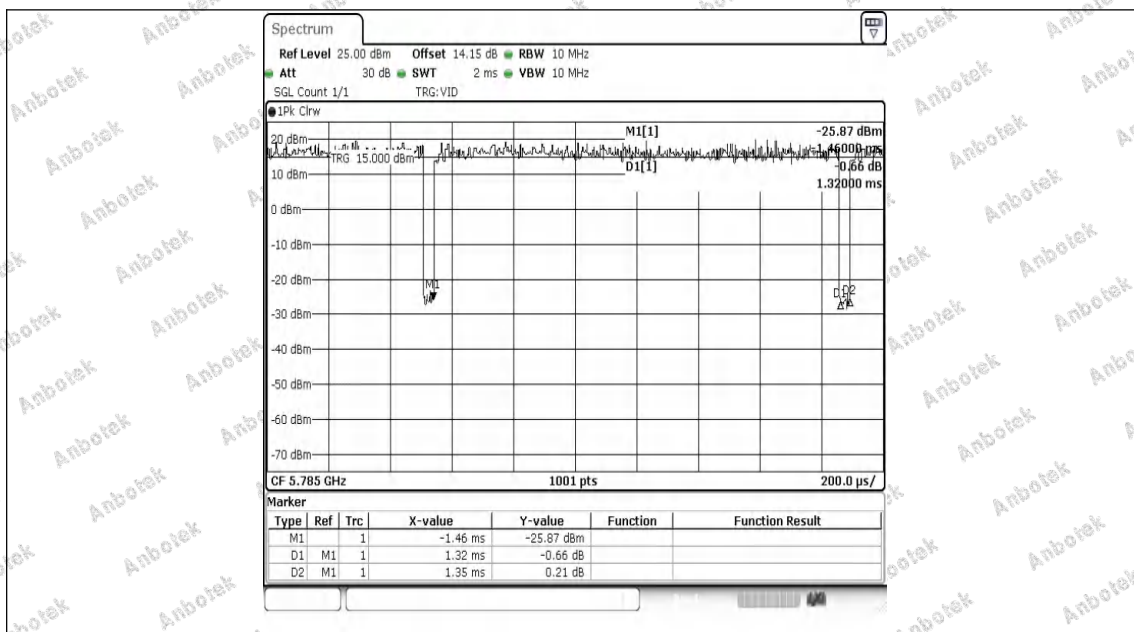
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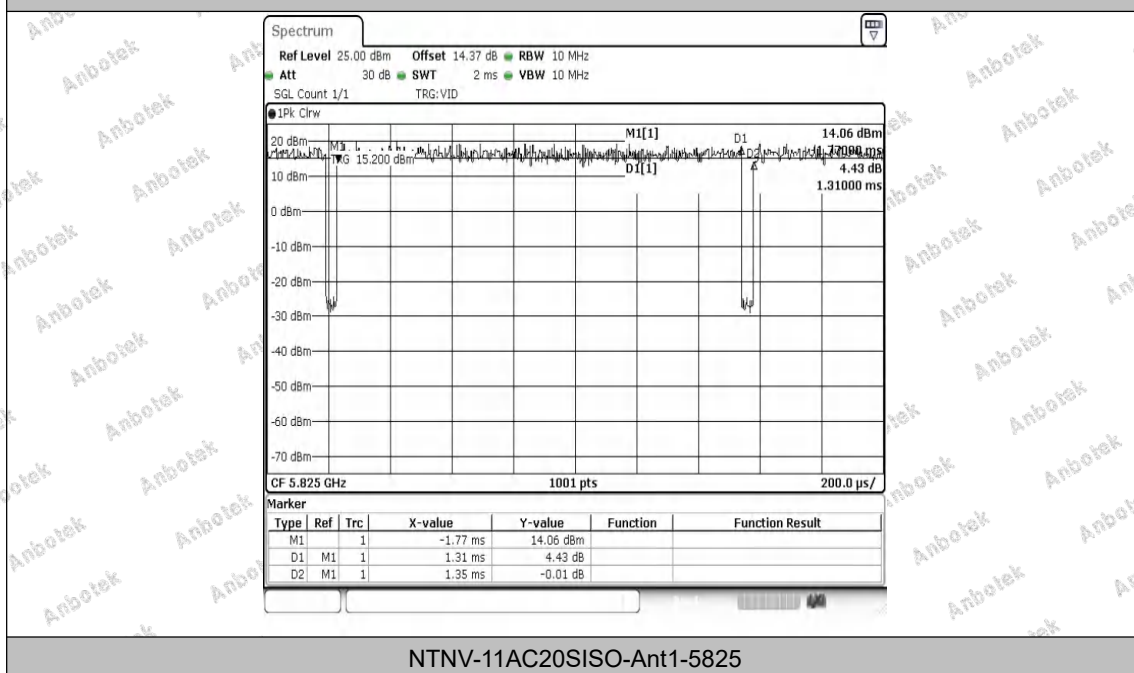
NTNV-11AC20SISO-Ant1-5200





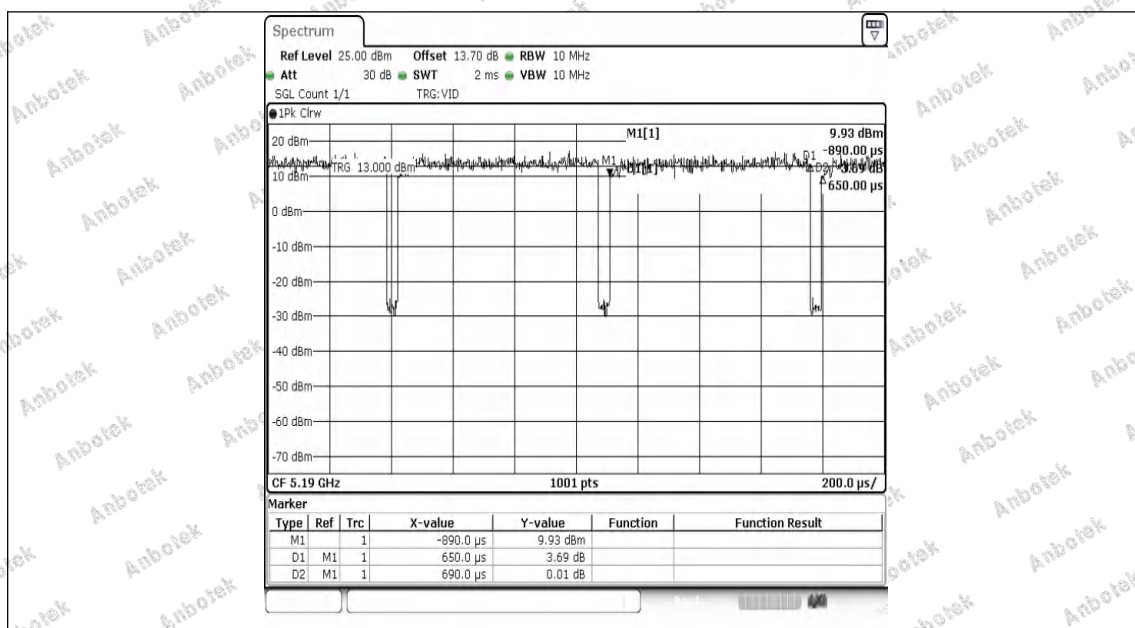


NTNV-11AC20SISO-Ant1-5785

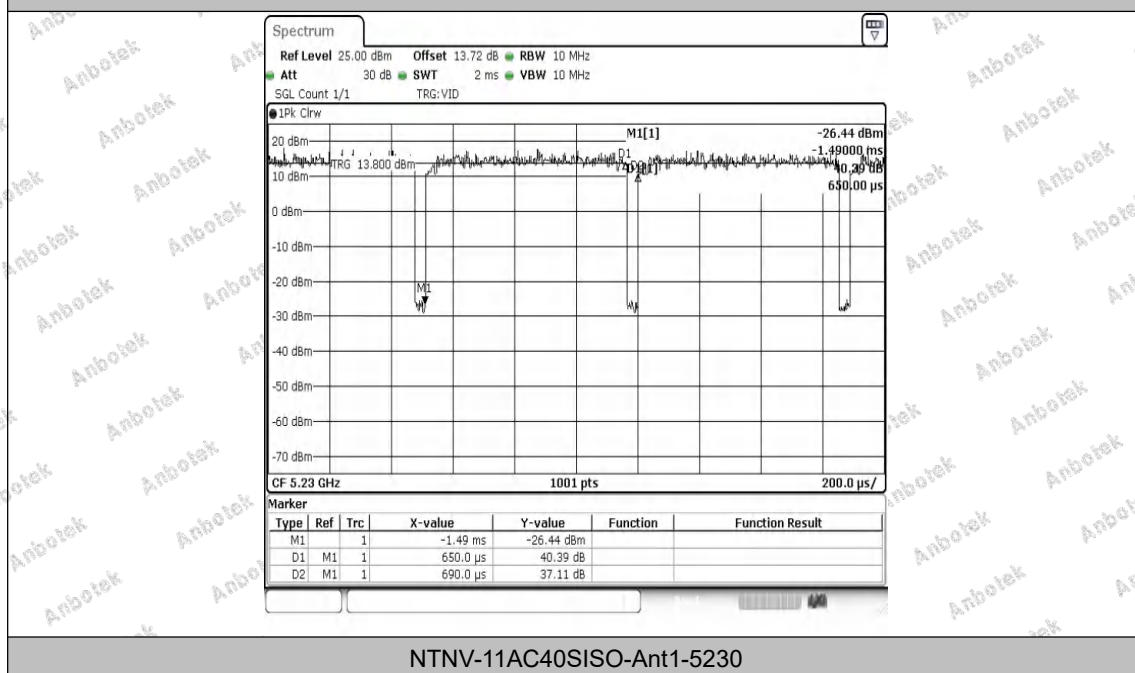


NTNV-11AC20SISO-Ant1-5825





NTNV-11AC40SISO-Ant1-5190



NTNV-11AC40SISO-Ant1-5230

