

Appendix Test Data

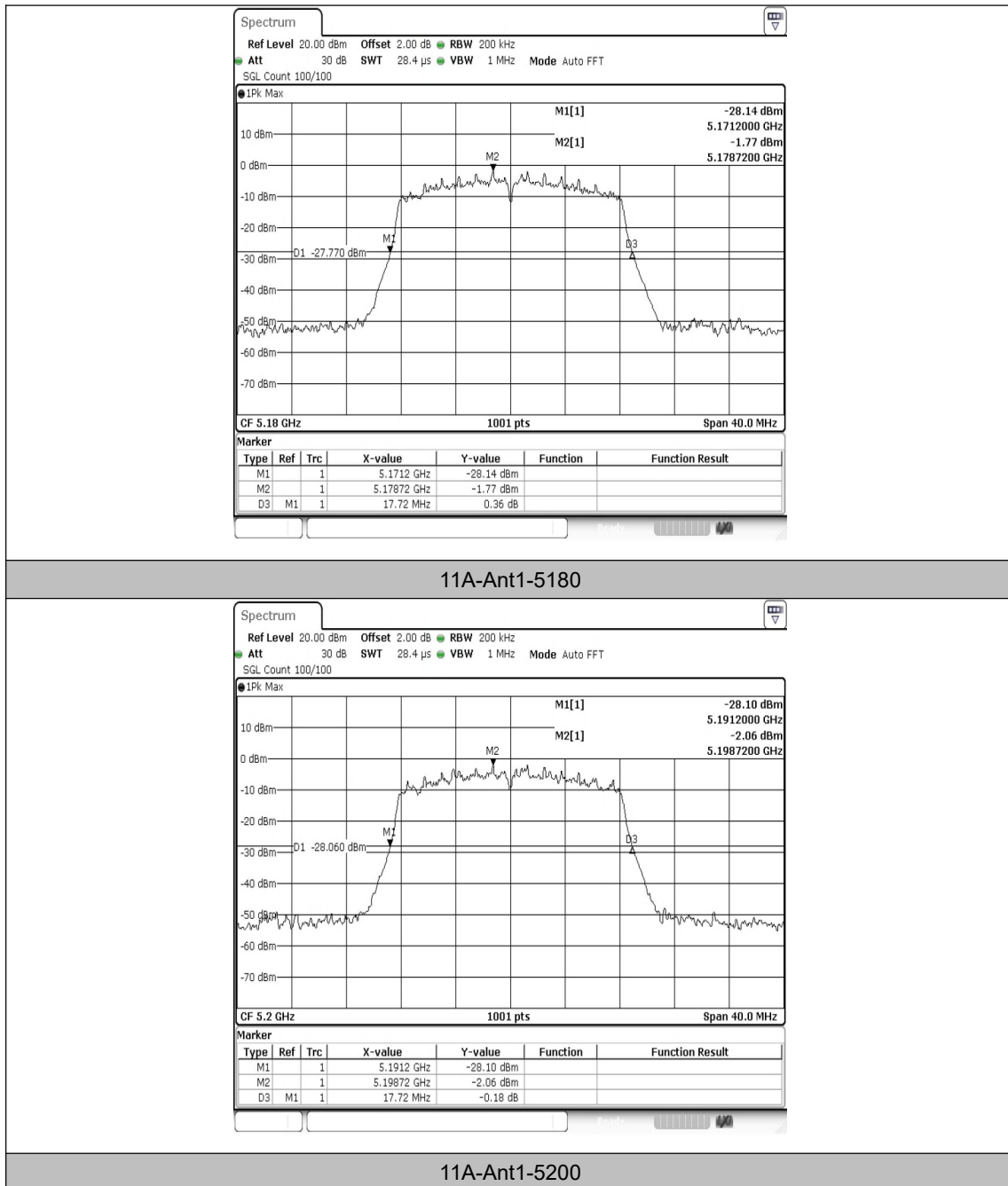
Report No.:	1812C50427112501	Test Sample No.:	1-2-2
Start Test Date:	2025-8-20	Finish Test Date:	2025-8-27
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25°C	Relative Humidity:	45%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.72	5171.20	5188.92	---	---
11A	Ant1	5200	17.72	5191.20	5208.92	---	---
11A	Ant1	5240	17.48	5231.28	5248.76	---	---
11A	Ant1	5745	17.60	5736.20	5753.80	---	---
11A	Ant1	5785	17.64	5776.20	5793.84	---	---
11A	Ant1	5825	17.80	5816.04	5833.84	---	---
11N20SISO	Ant1	5180	18.44	5170.80	5189.24	---	---
11N20SISO	Ant1	5200	18.48	5190.80	5209.28	---	---
11N20SISO	Ant1	5240	18.40	5230.80	5249.20	---	---
11N20SISO	Ant1	5745	18.44	5735.80	5754.24	---	---
11N20SISO	Ant1	5785	18.44	5775.80	5794.24	---	---
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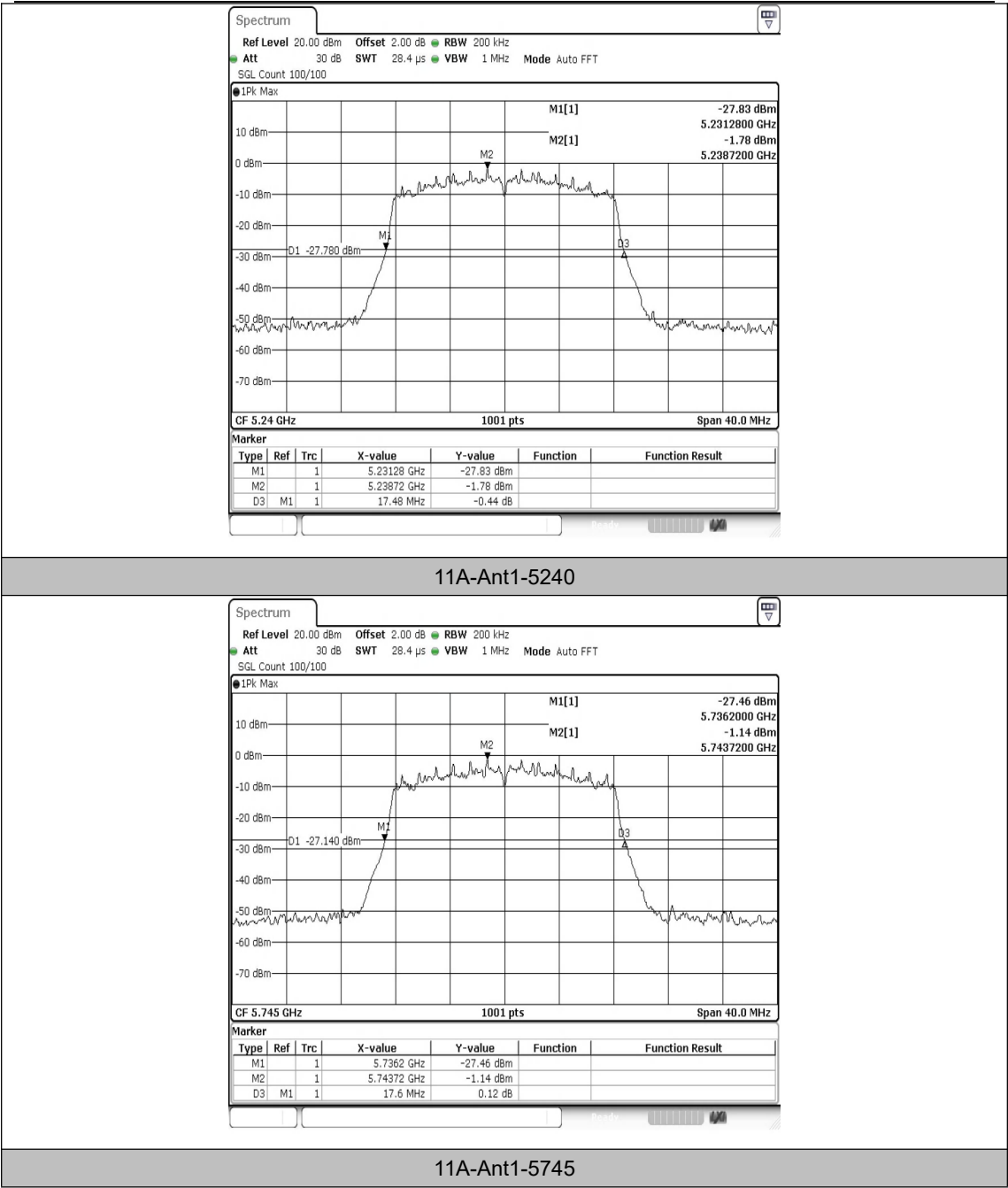
Test Graphs

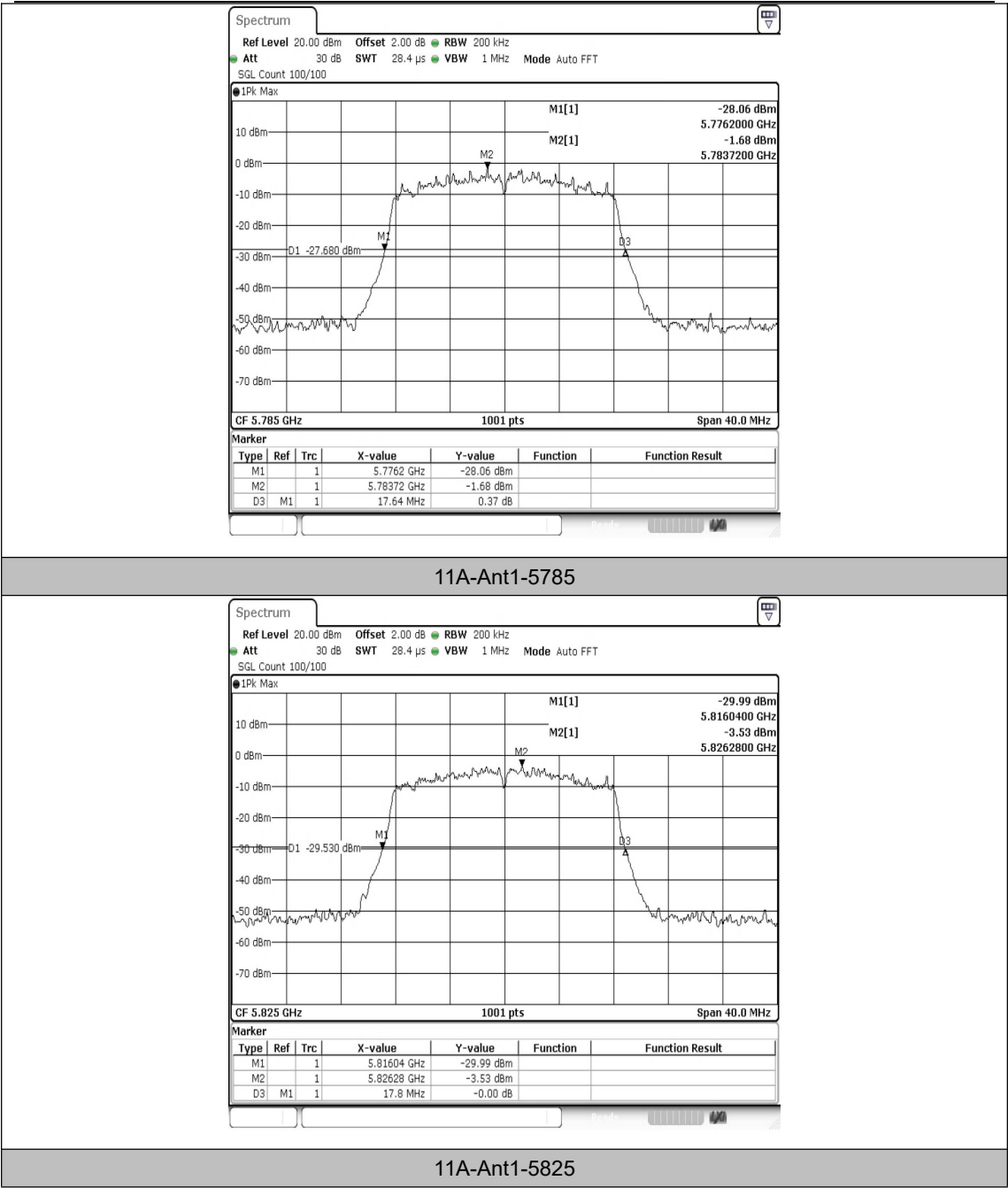


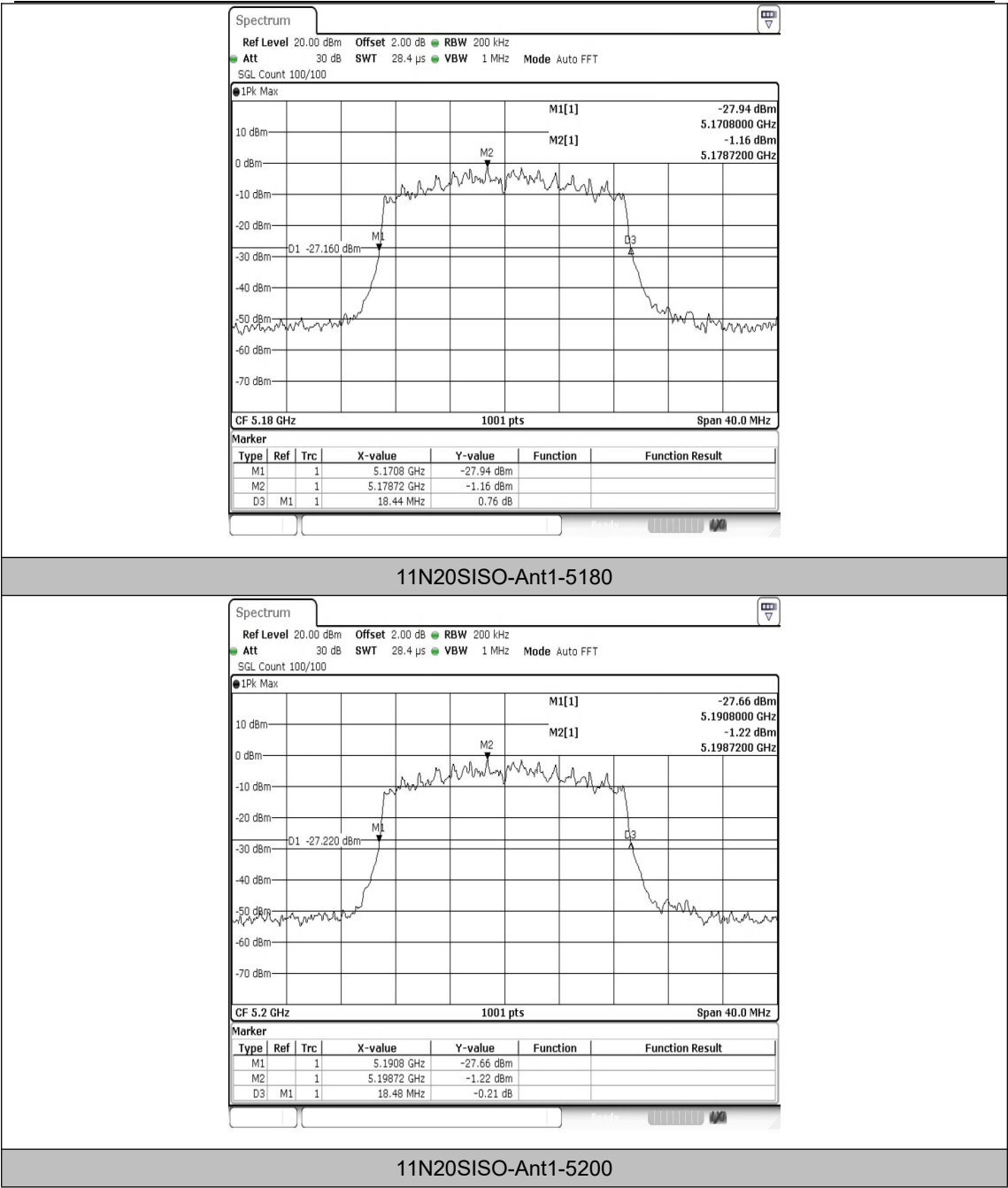
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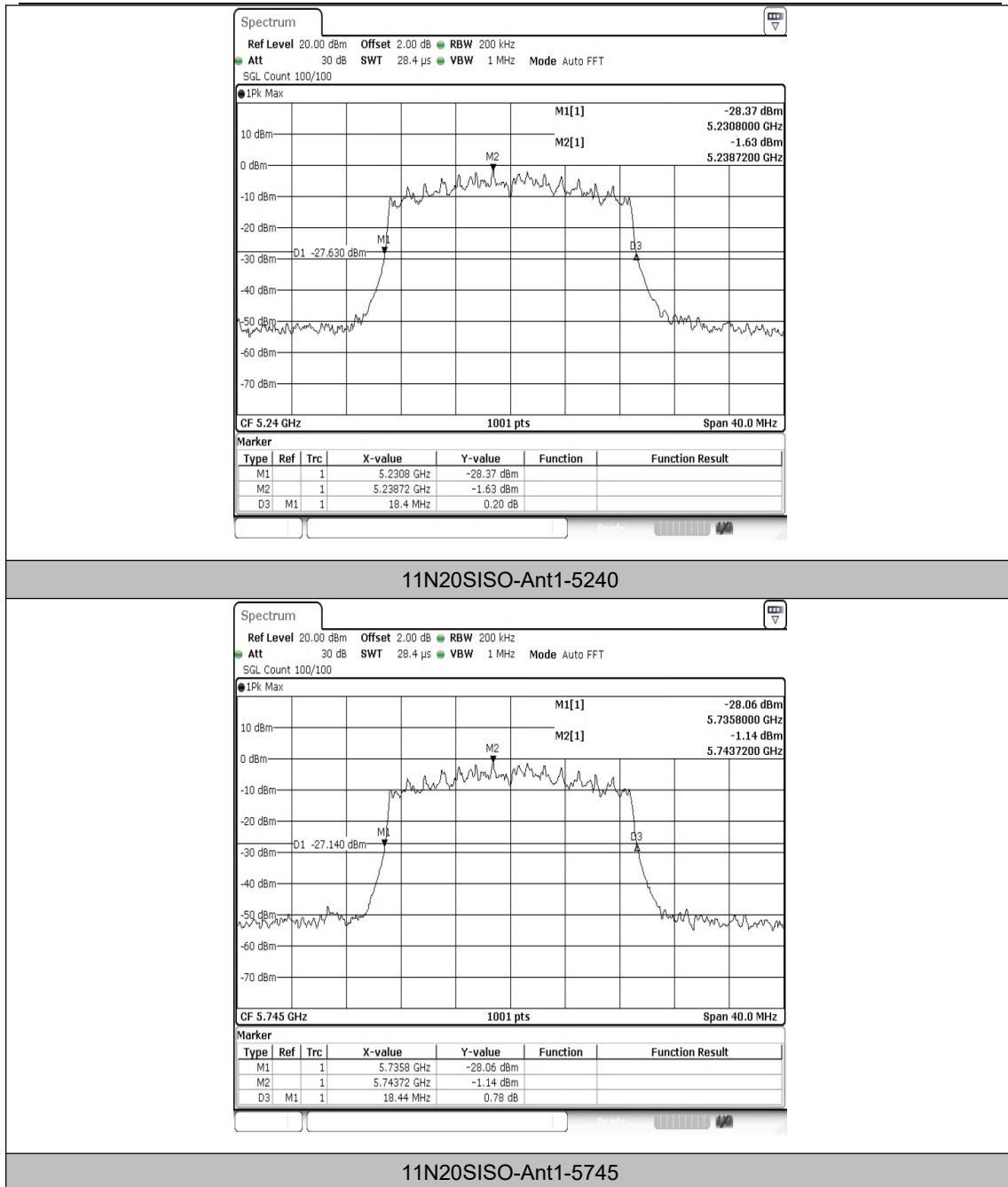
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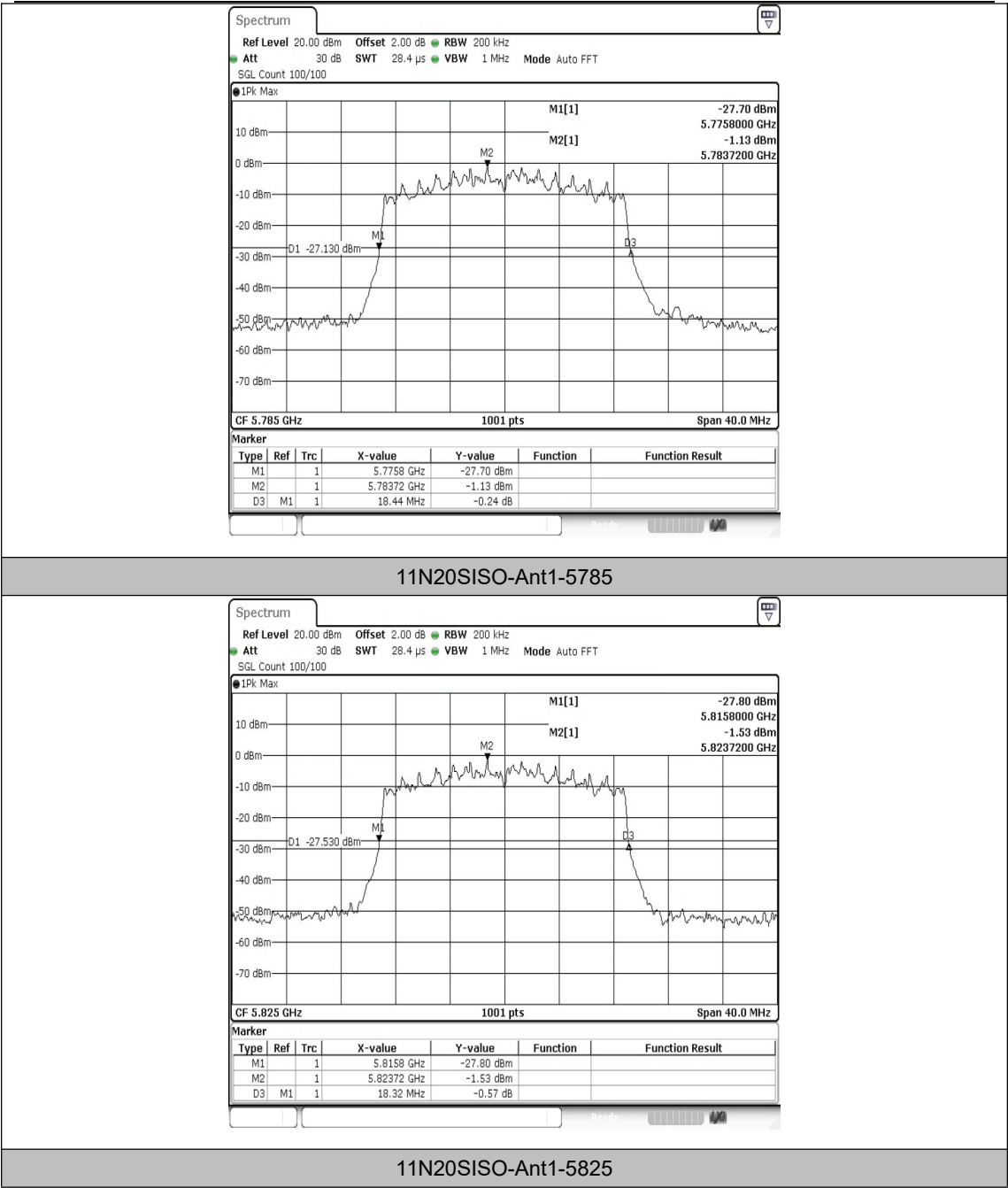




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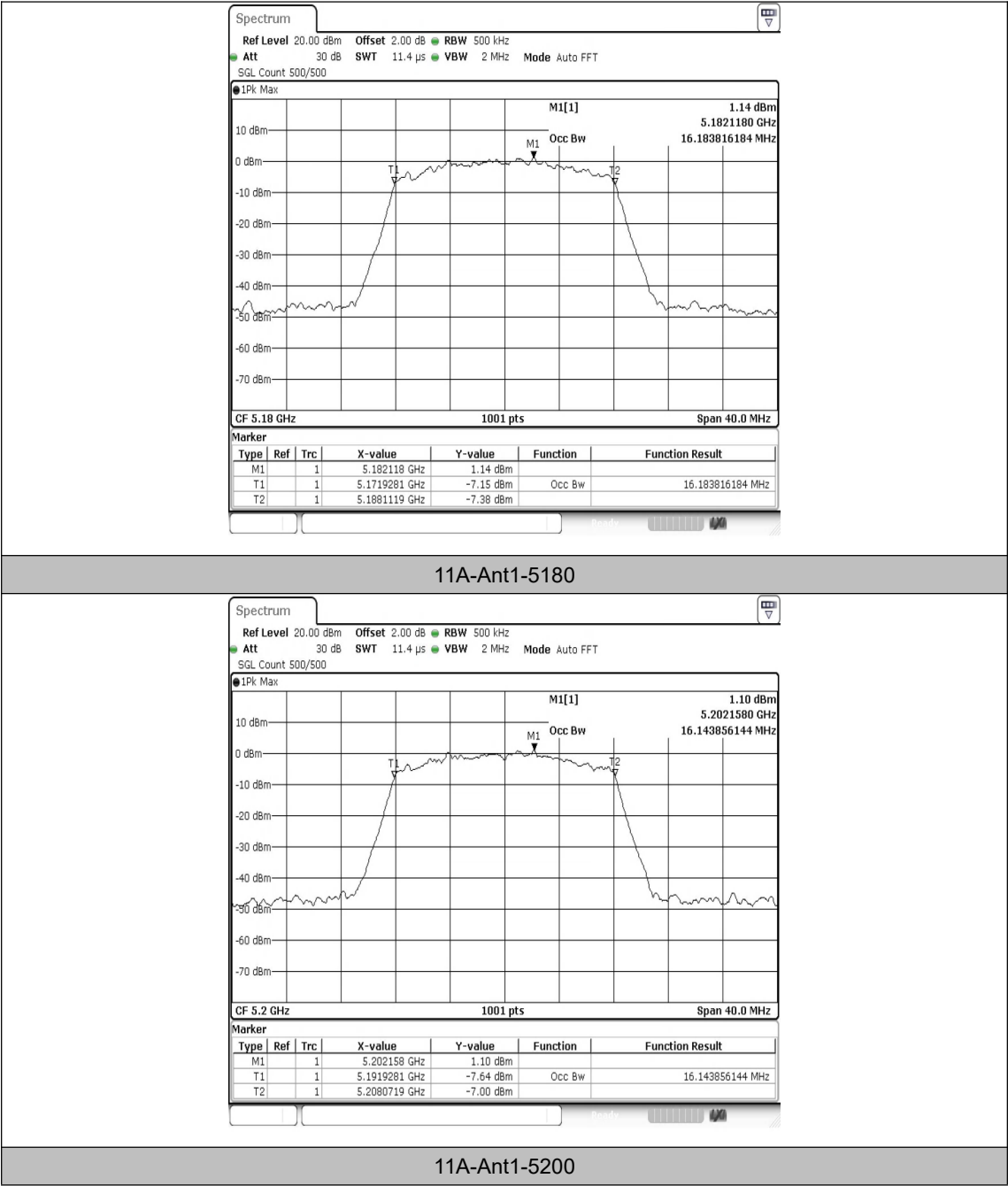


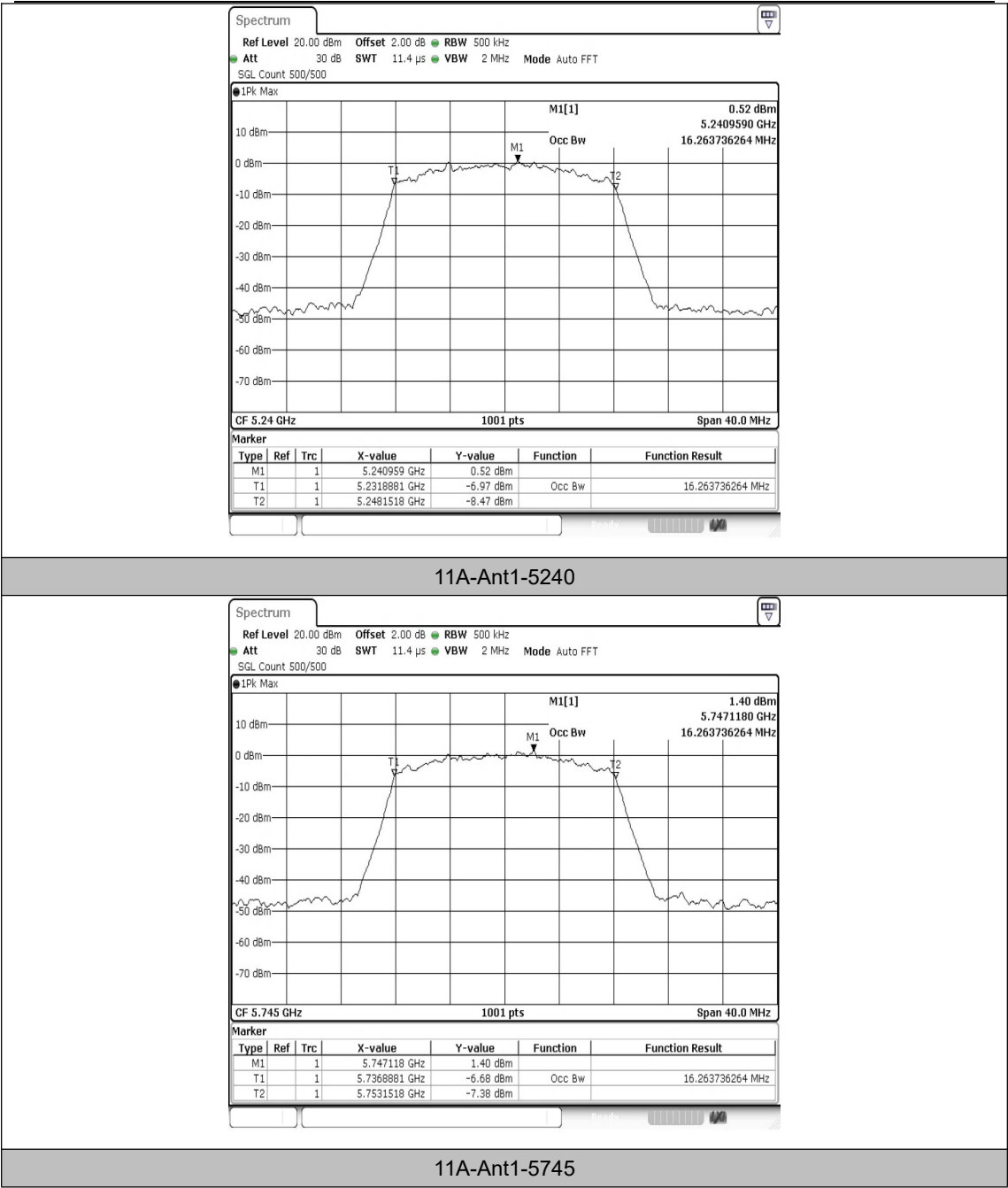
Appendix A2: 99% Occupied Bandwidth

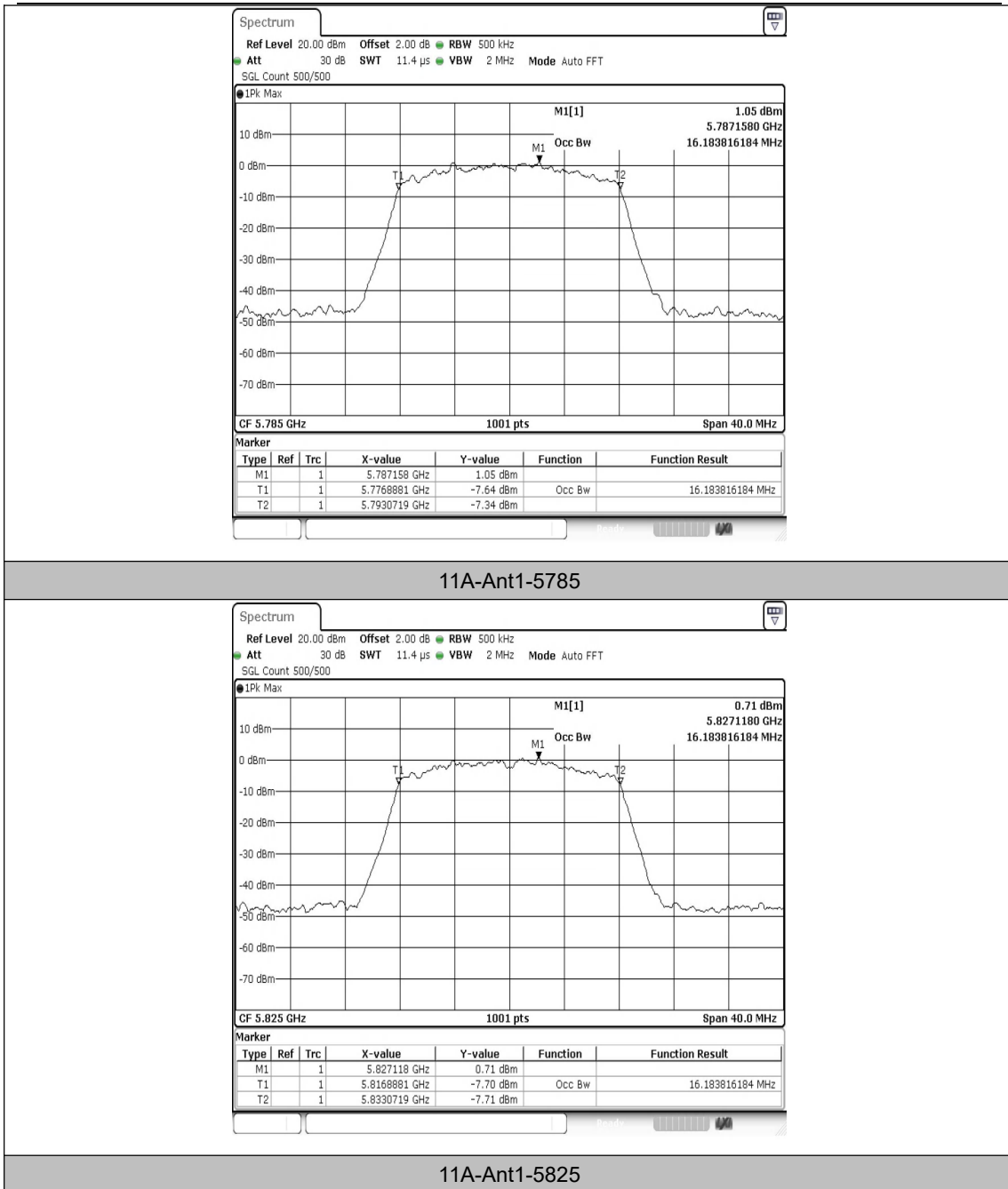
Test Result

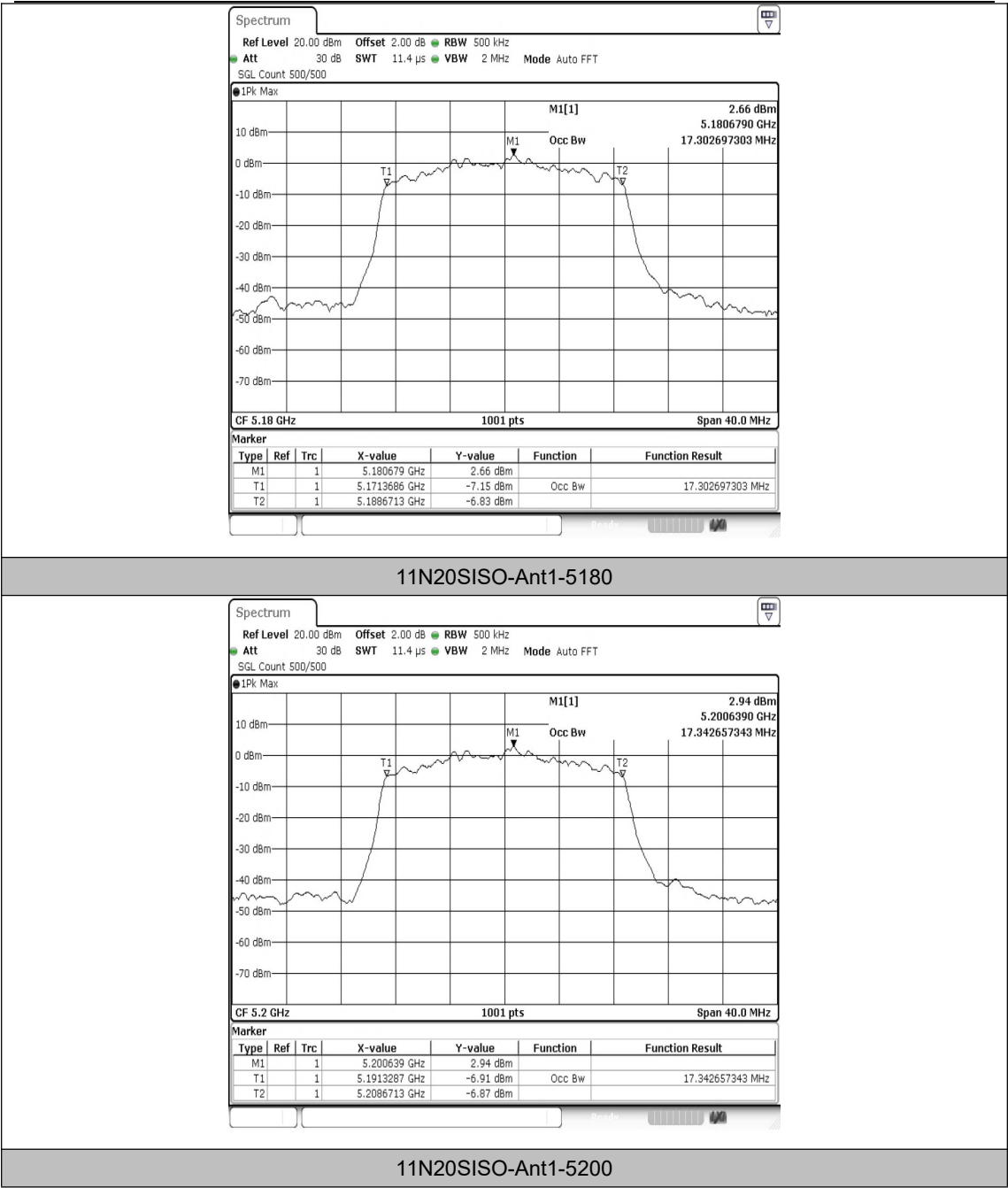
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.184	5171.9281	5188.1119	---	---
11A	Ant1	5200	16.144	5191.9281	5208.0719	---	---
11A	Ant1	5240	16.264	5231.8881	5248.1518	---	---
11A	Ant1	5745	16.264	5736.8881	5753.1518	---	---
11A	Ant1	5785	16.184	5776.8881	5793.0719	---	---
11A	Ant1	5825	16.184	5816.8881	5833.0719	---	---
11N20SISO	Ant1	5180	17.303	5171.3686	5188.6713	---	---
11N20SISO	Ant1	5200	17.343	5191.3287	5208.6713	---	---
11N20SISO	Ant1	5240	17.303	5231.3287	5248.6314	---	---
11N20SISO	Ant1	5745	17.303	5736.3287	5753.6314	---	---
11N20SISO	Ant1	5785	17.303	5776.3287	5793.6314	---	---
11N20SISO	Ant1	5825	17.303	5816.3287	5833.6314	---	---

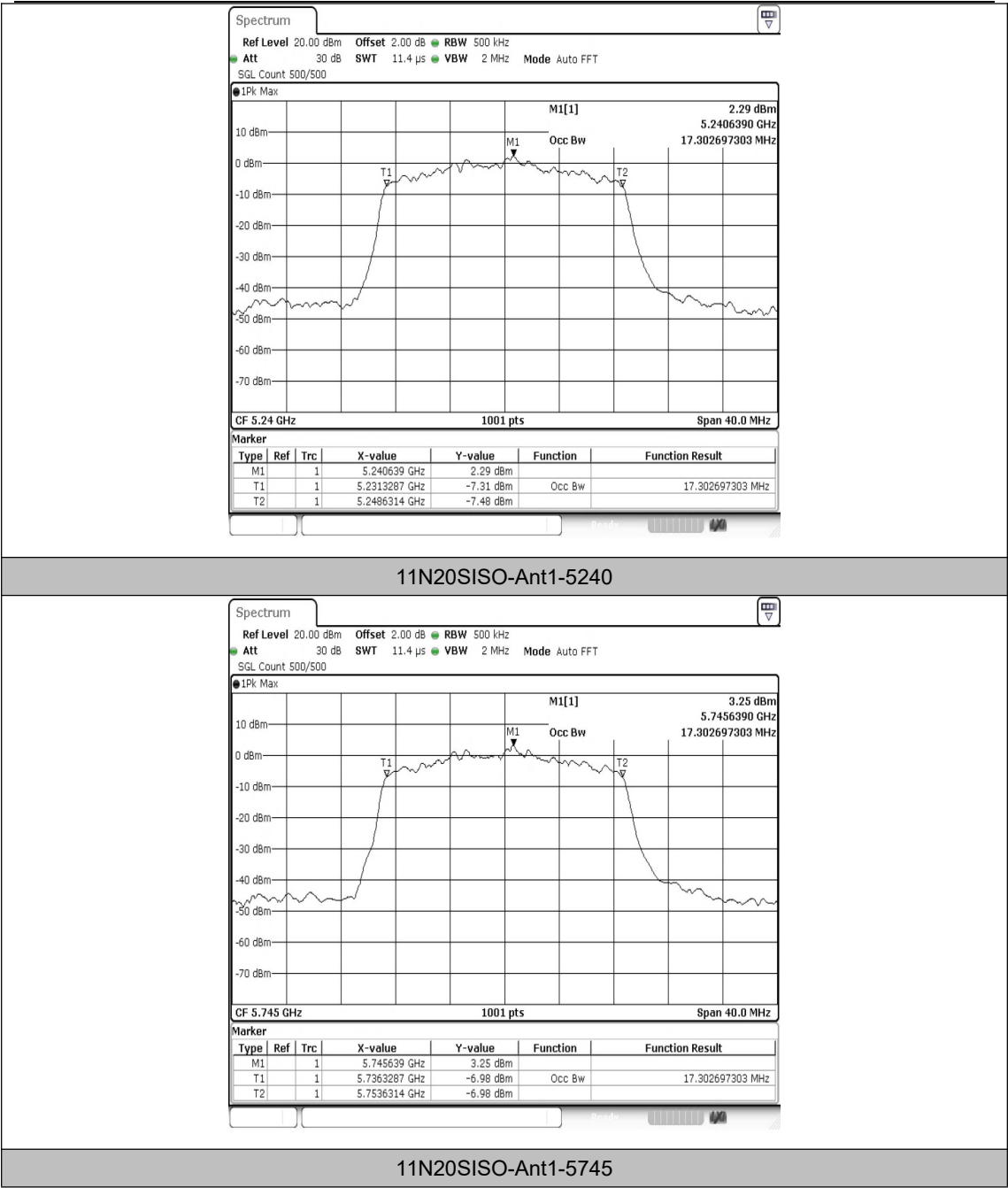
Test Graphs

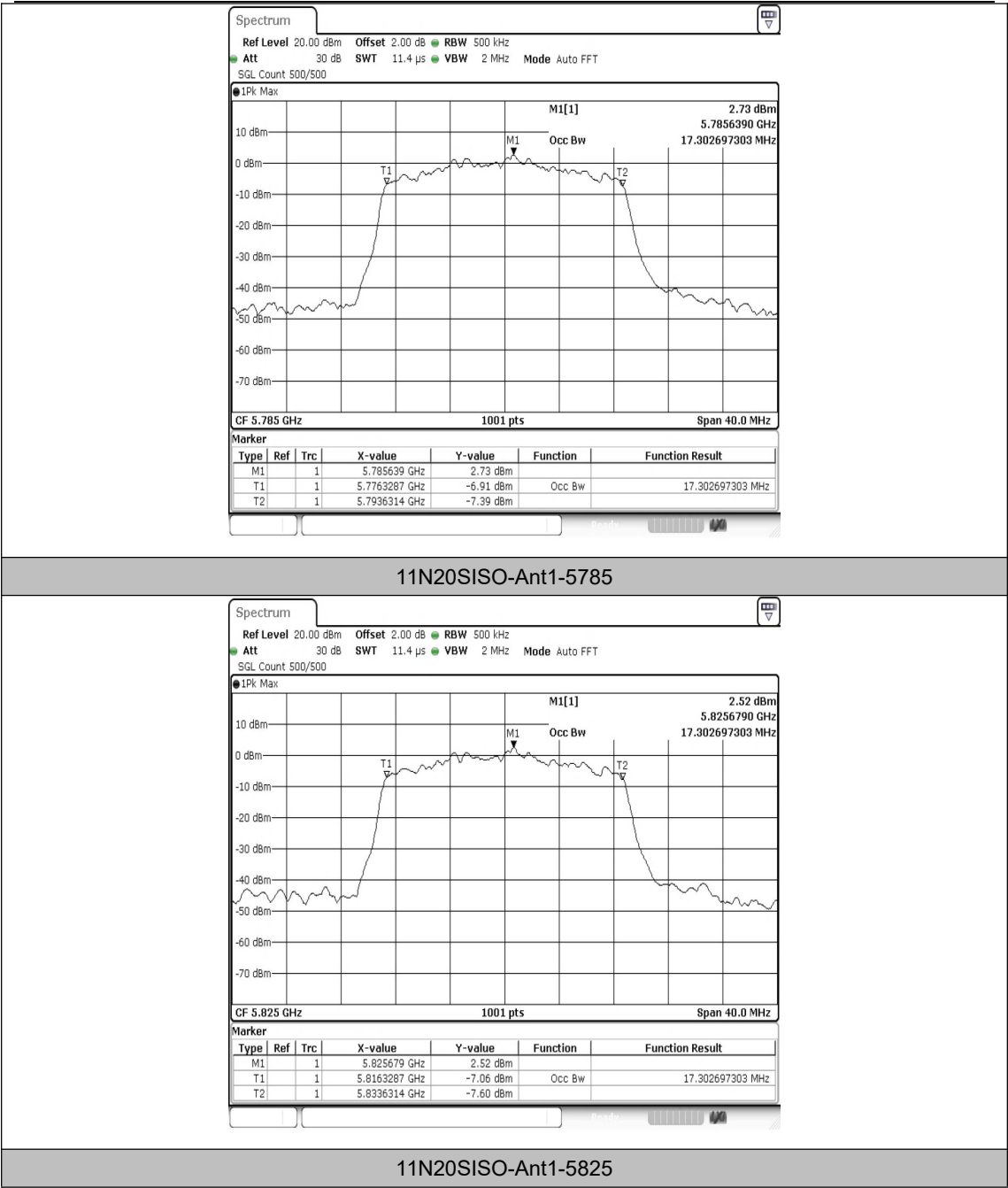








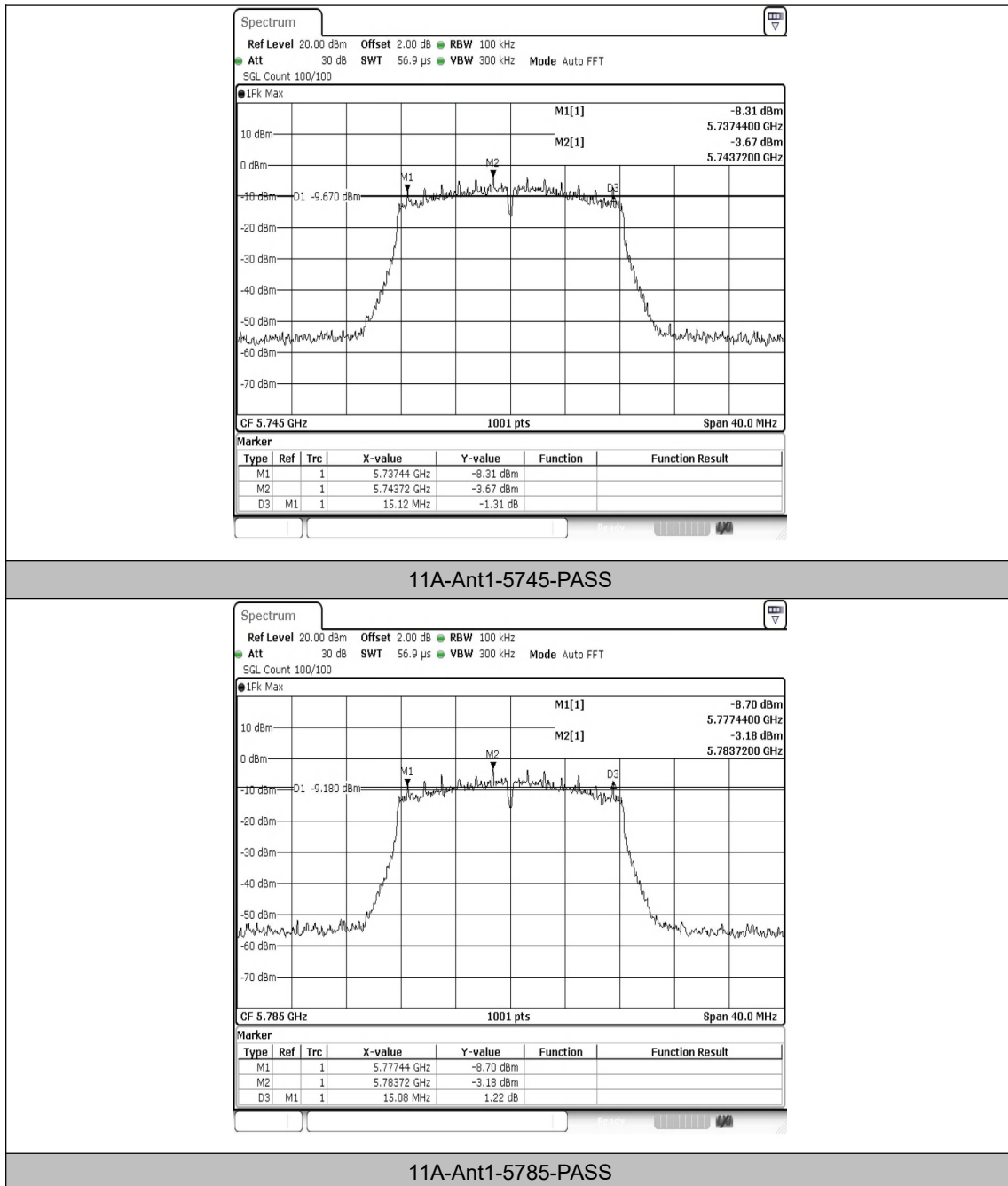




Appendix A3: Minimum 6dB Bandwidth**Test Result B4**

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
11A	Ant1	5785	15.08	5777.44	5792.52	0.5	PASS
11A	Ant1	5825	15.08	5817.44	5832.52	0.5	PASS
11N20SISO	Ant1	5745	15.08	5737.44	5752.52	0.5	PASS
11N20SISO	Ant1	5785	15.08	5777.44	5792.52	0.5	PASS
11N20SISO	Ant1	5825	15.08	5817.44	5832.52	0.5	PASS

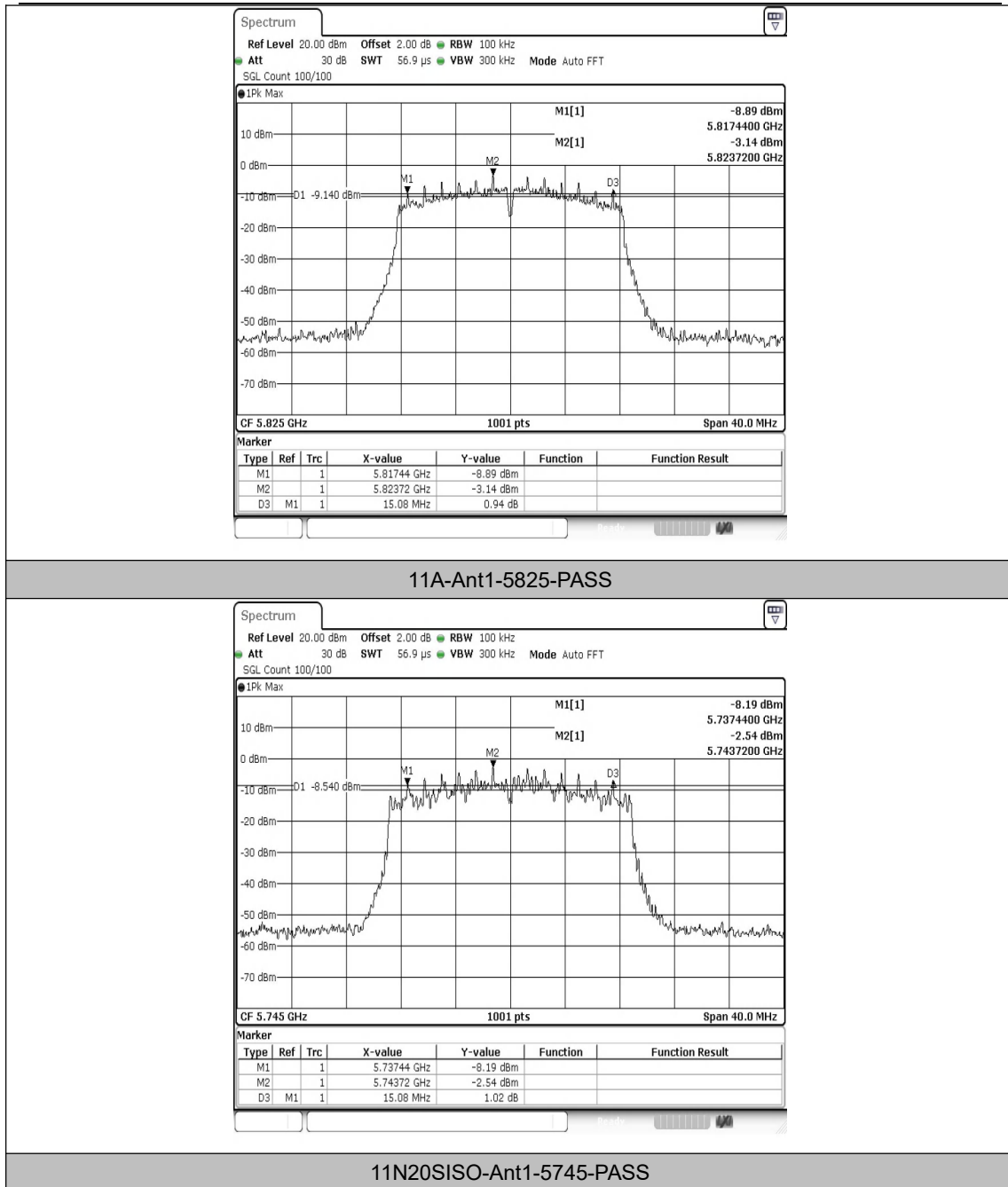
Test Graphs B4

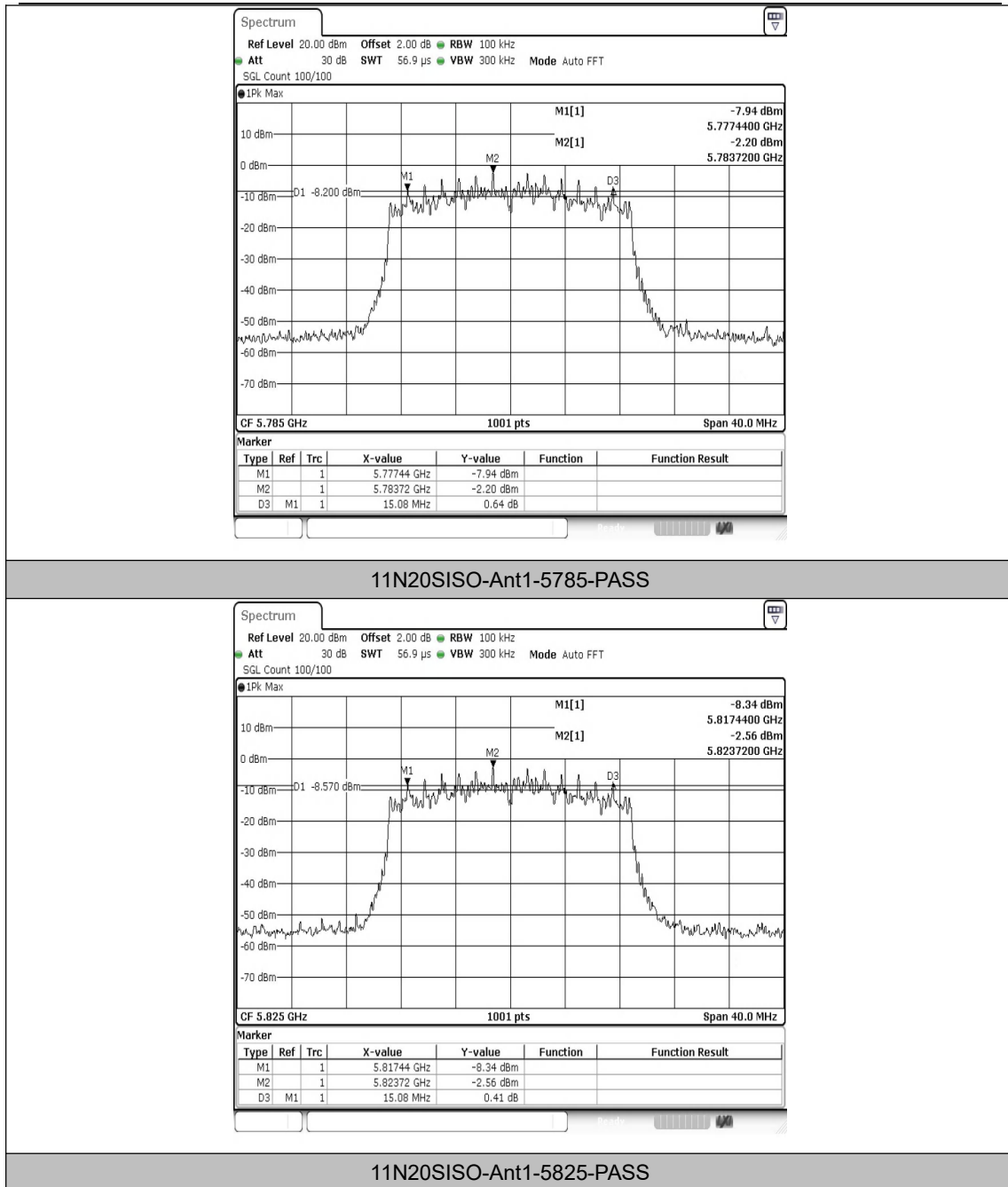


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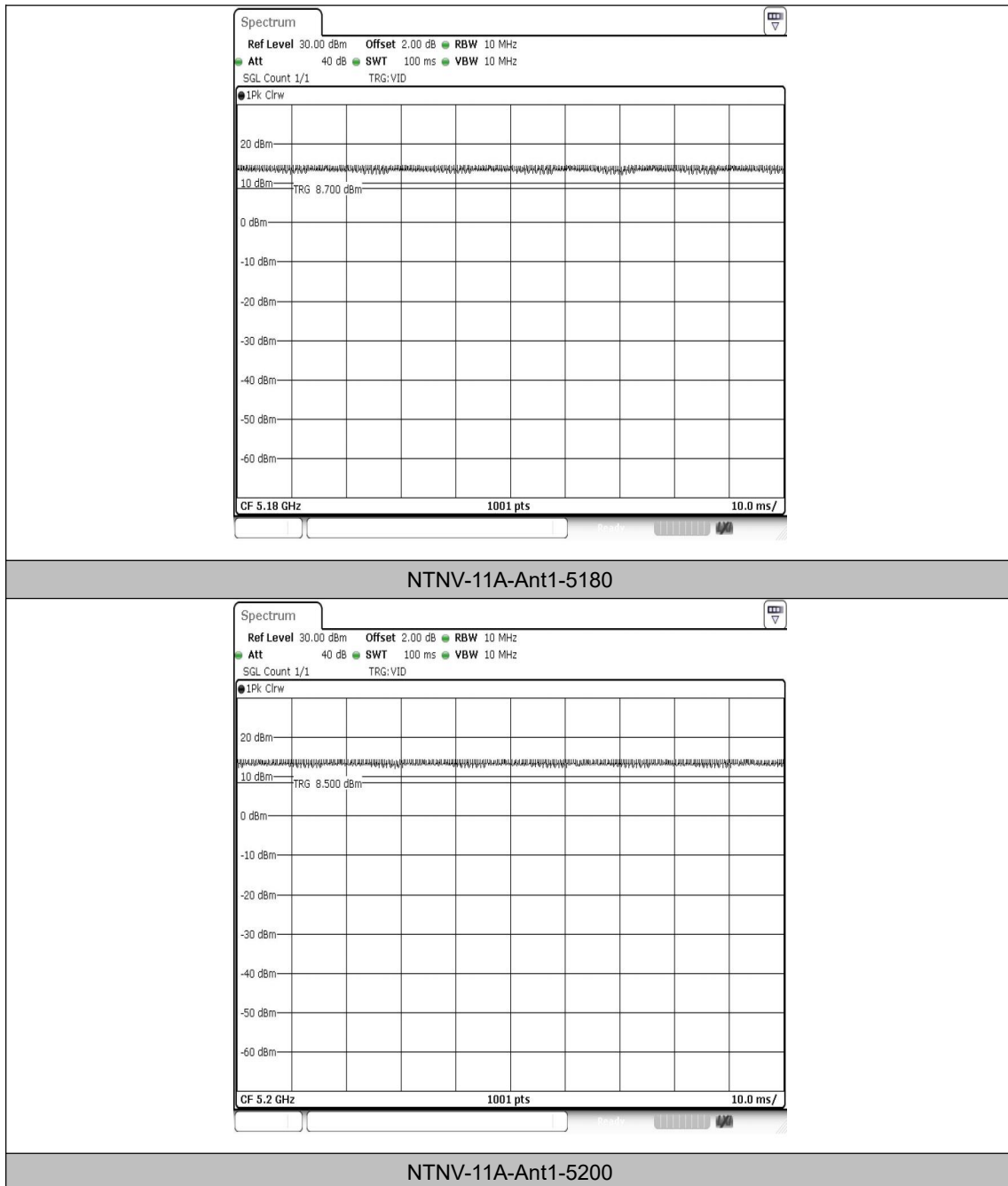
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Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11A	Ant1	5180	100.00	100.00	100.00	0.00	0.01
11A	Ant1	5200	100.00	100.00	100.00	0.00	0.01
11A	Ant1	5240	100.00	100.00	100.00	0.00	0.01
11A	Ant1	5745	100.00	100.00	100.00	0.00	0.01
11A	Ant1	5785	100.00	100.00	100.00	0.00	0.01
11A	Ant1	5825	100.00	100.00	100.00	0.00	0.01
11N20SISO	Ant1	5180	100.00	100.00	100.00	0.00	0.01
11N20SISO	Ant1	5200	100.00	100.00	100.00	0.00	0.01
11N20SISO	Ant1	5240	100.00	100.00	100.00	0.00	0.01
11N20SISO	Ant1	5745	100.00	100.00	100.00	0.00	0.01
11N20SISO	Ant1	5785	100.00	100.00	100.00	0.00	0.01
11N20SISO	Ant1	5825	100.00	100.00	100.00	0.00	0.01

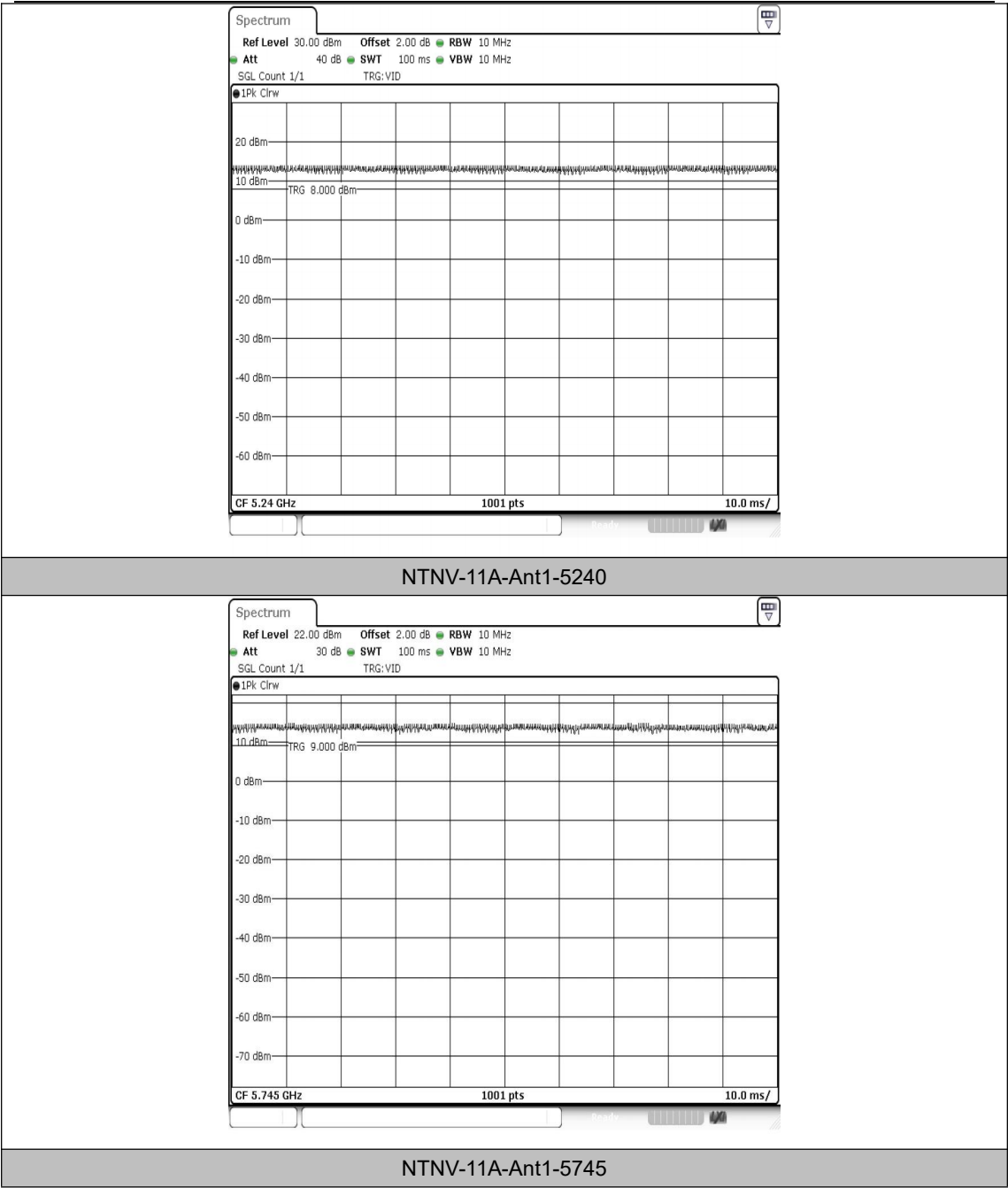
Test Graphs

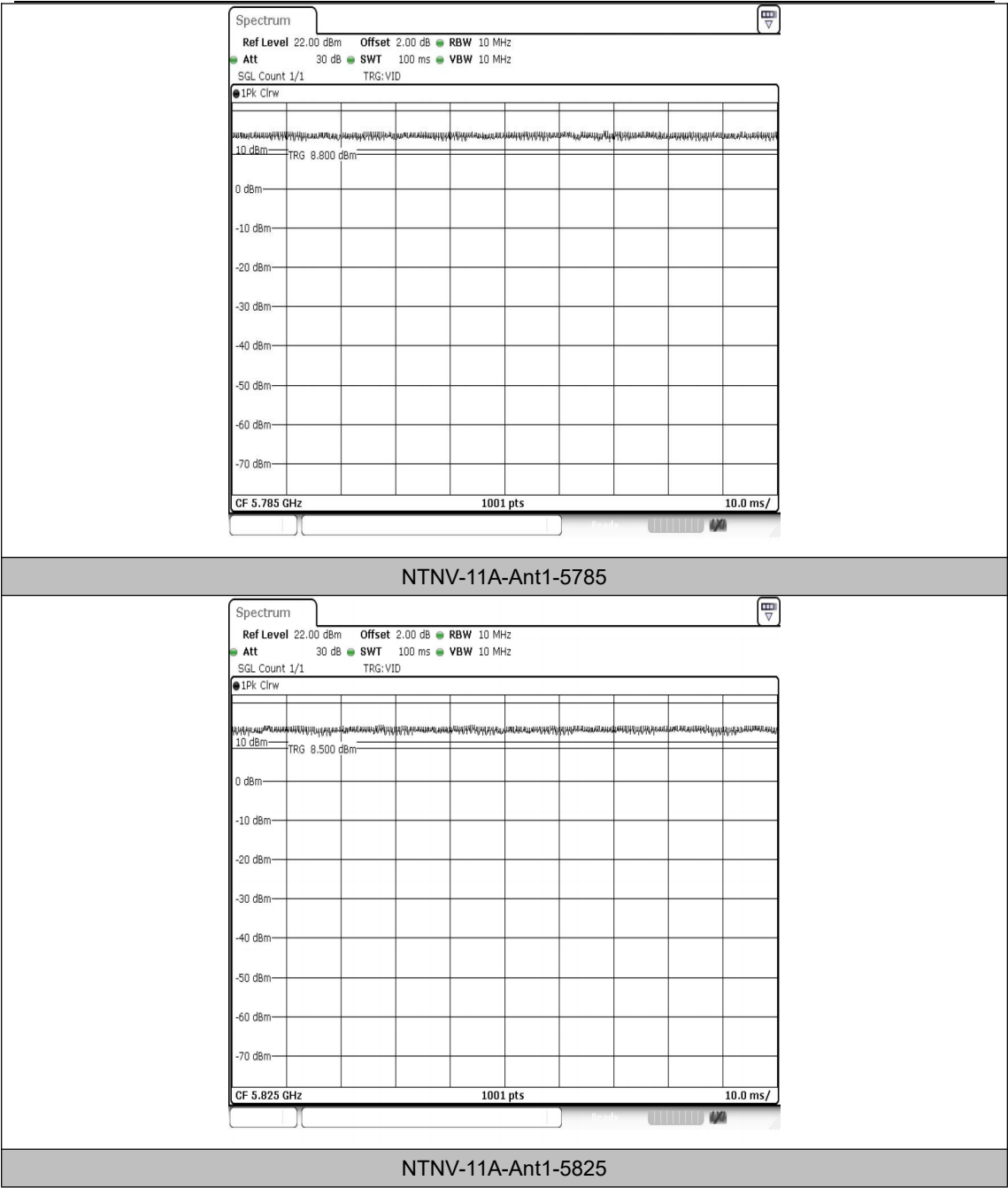


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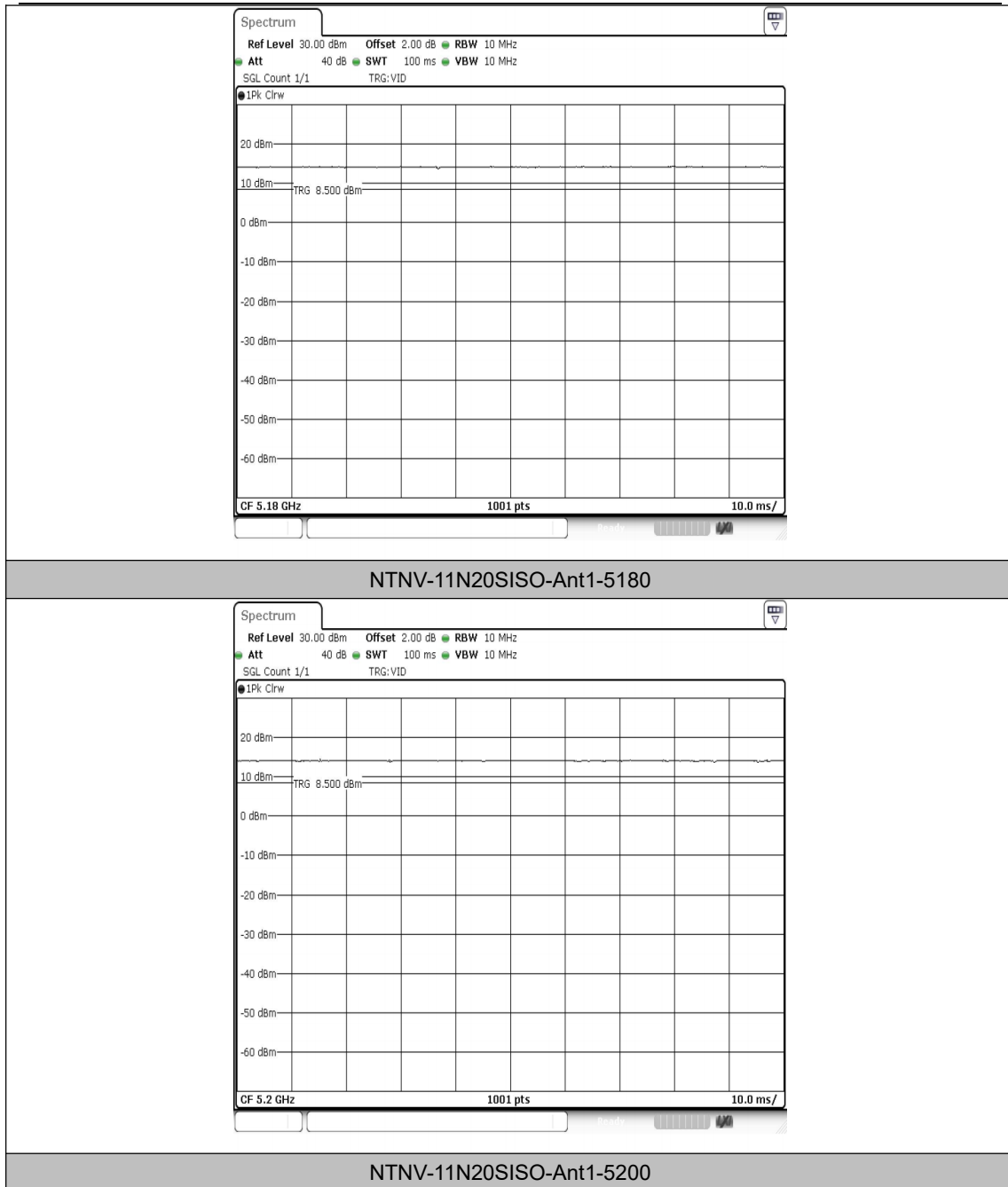




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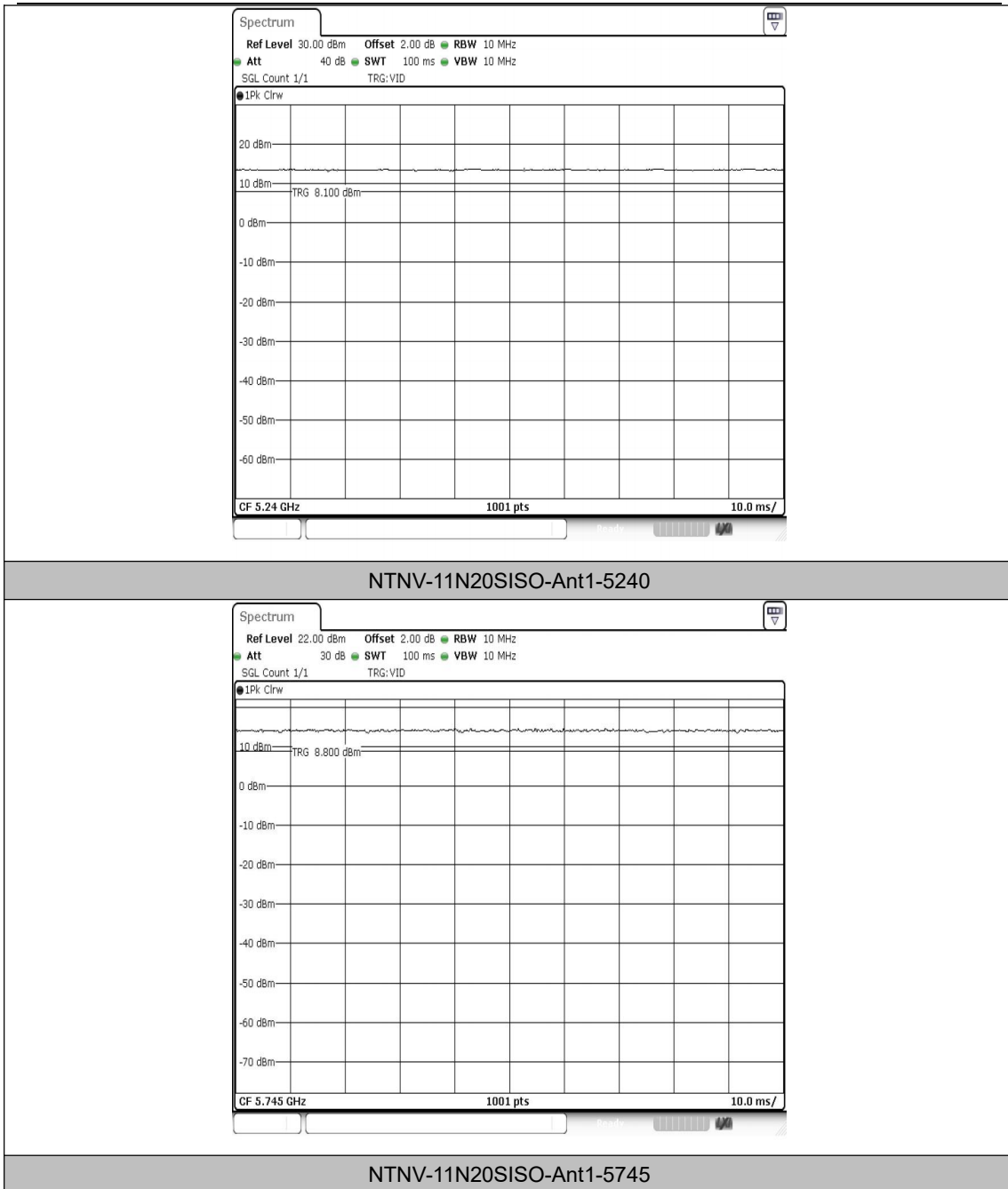
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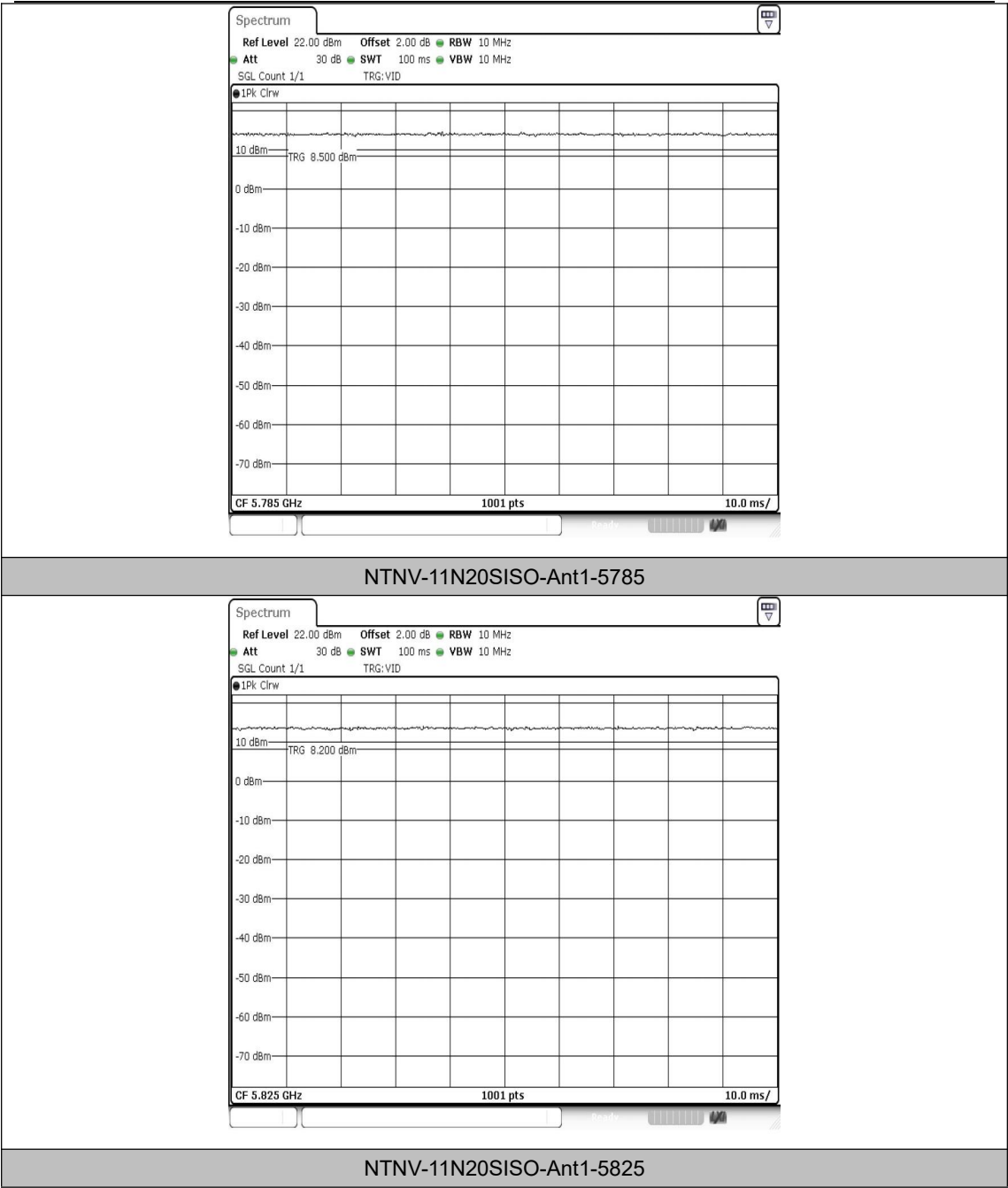
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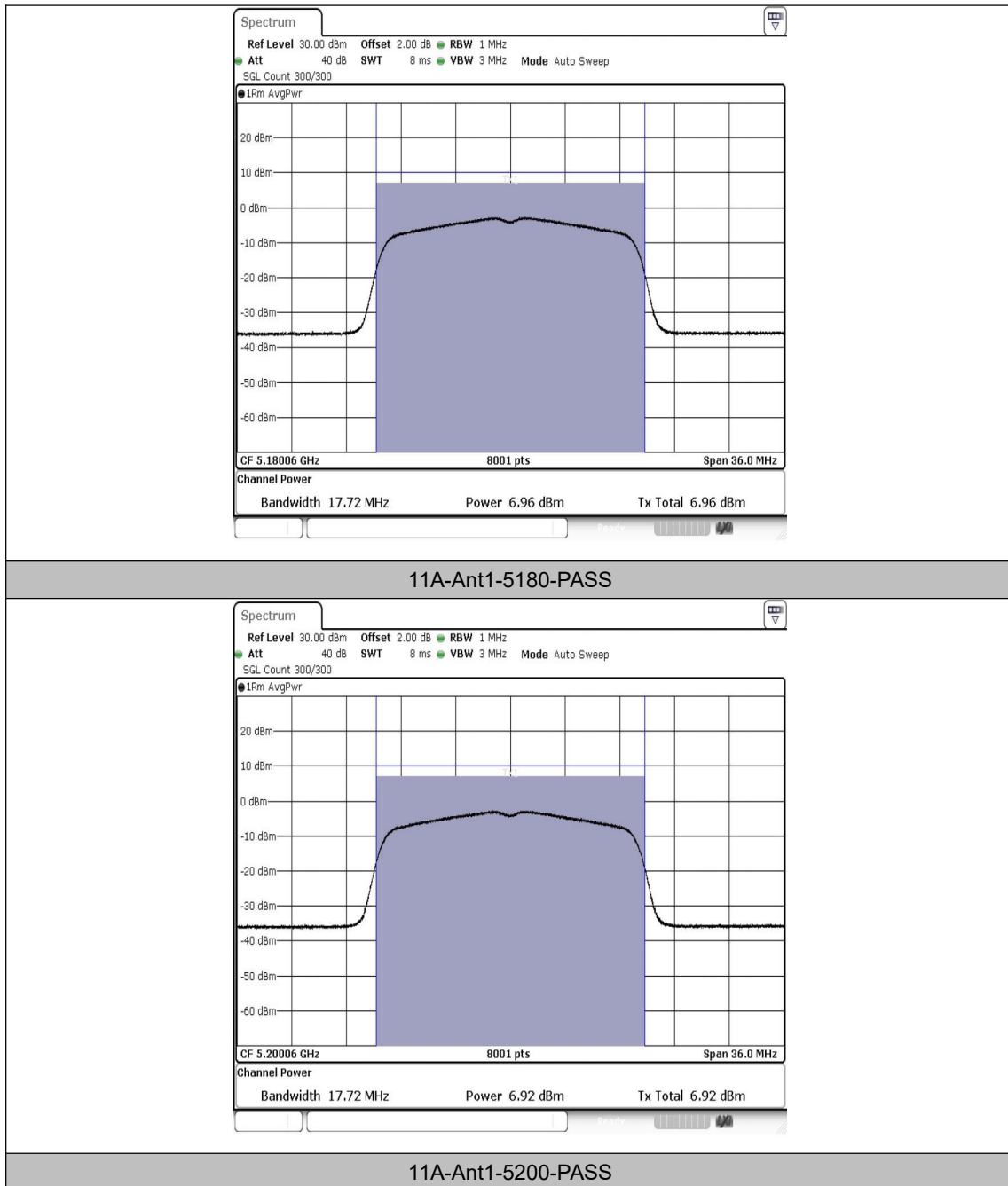
Appendix C: Maximum Conducted Output Power

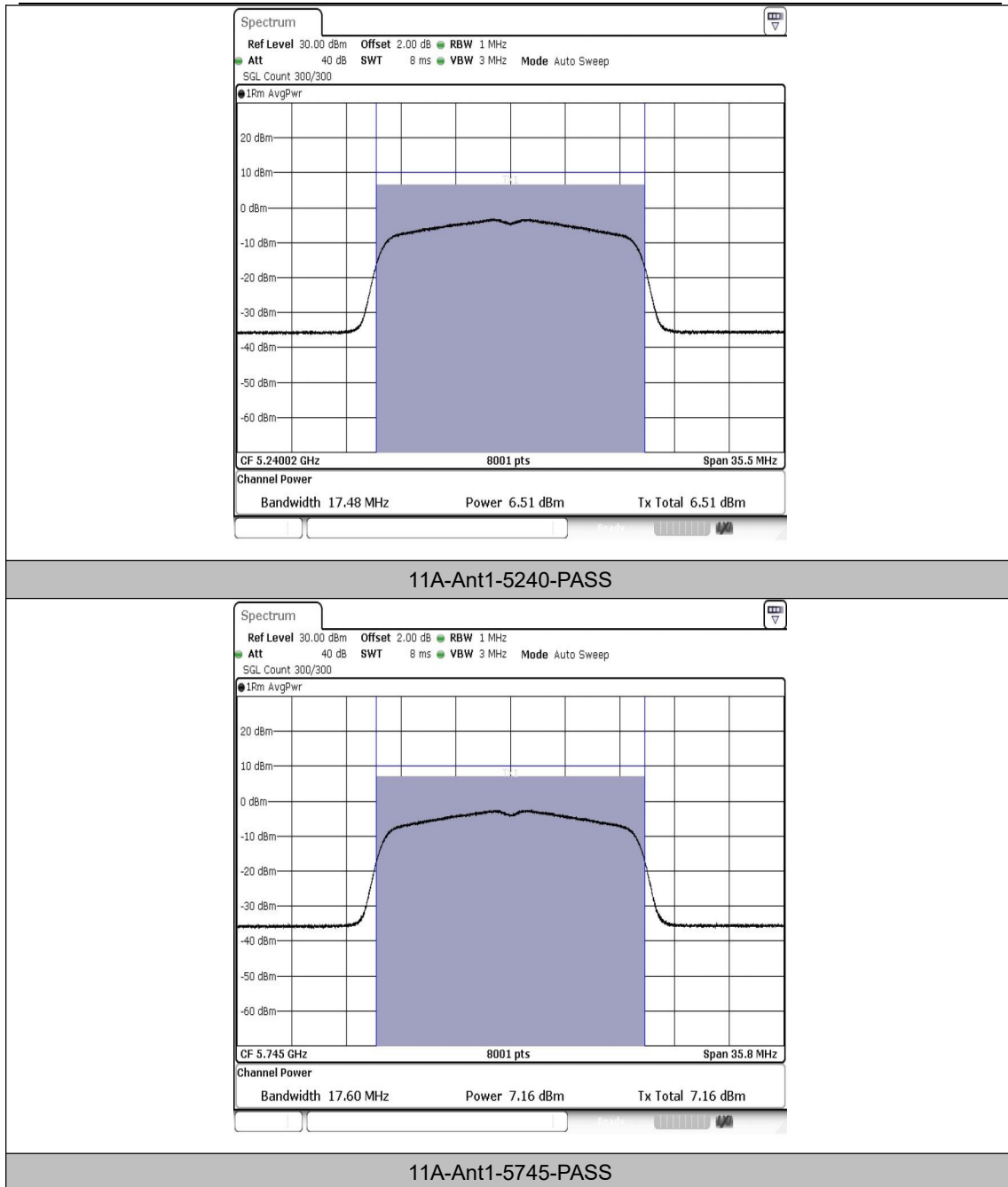
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	6.96	100.00	0.00	6.96	≤23.98	PASS
11A	Ant1	5200	---	6.92	100.00	0.00	6.92	≤23.98	PASS
11A	Ant1	5240	---	6.51	100.00	0.00	6.51	≤23.98	PASS
11A	Ant1	5745	---	7.16	100.00	0.00	7.16	≤30.00	PASS
11A	Ant1	5785	---	6.93	100.00	0.00	6.93	≤30.00	PASS
11A	Ant1	5825	---	6.50	100.00	0.00	6.50	≤30.00	PASS
11N20SISO	Ant1	5180	---	6.77	100.00	0.00	6.77	≤23.98	PASS
11N20SISO	Ant1	5200	---	6.80	100.00	0.00	6.80	≤23.98	PASS
11N20SISO	Ant1	5240	---	6.19	100.00	0.00	6.19	≤23.98	PASS
11N20SISO	Ant1	5745	---	6.84	100.00	0.00	6.84	≤30.00	PASS
11N20SISO	Ant1	5785	---	6.65	100.00	0.00	6.65	≤30.00	PASS
11N20SISO	Ant1	5825	---	6.18	100.00	0.00	6.18	≤30.00	PASS

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

Test Graphs Channel Power

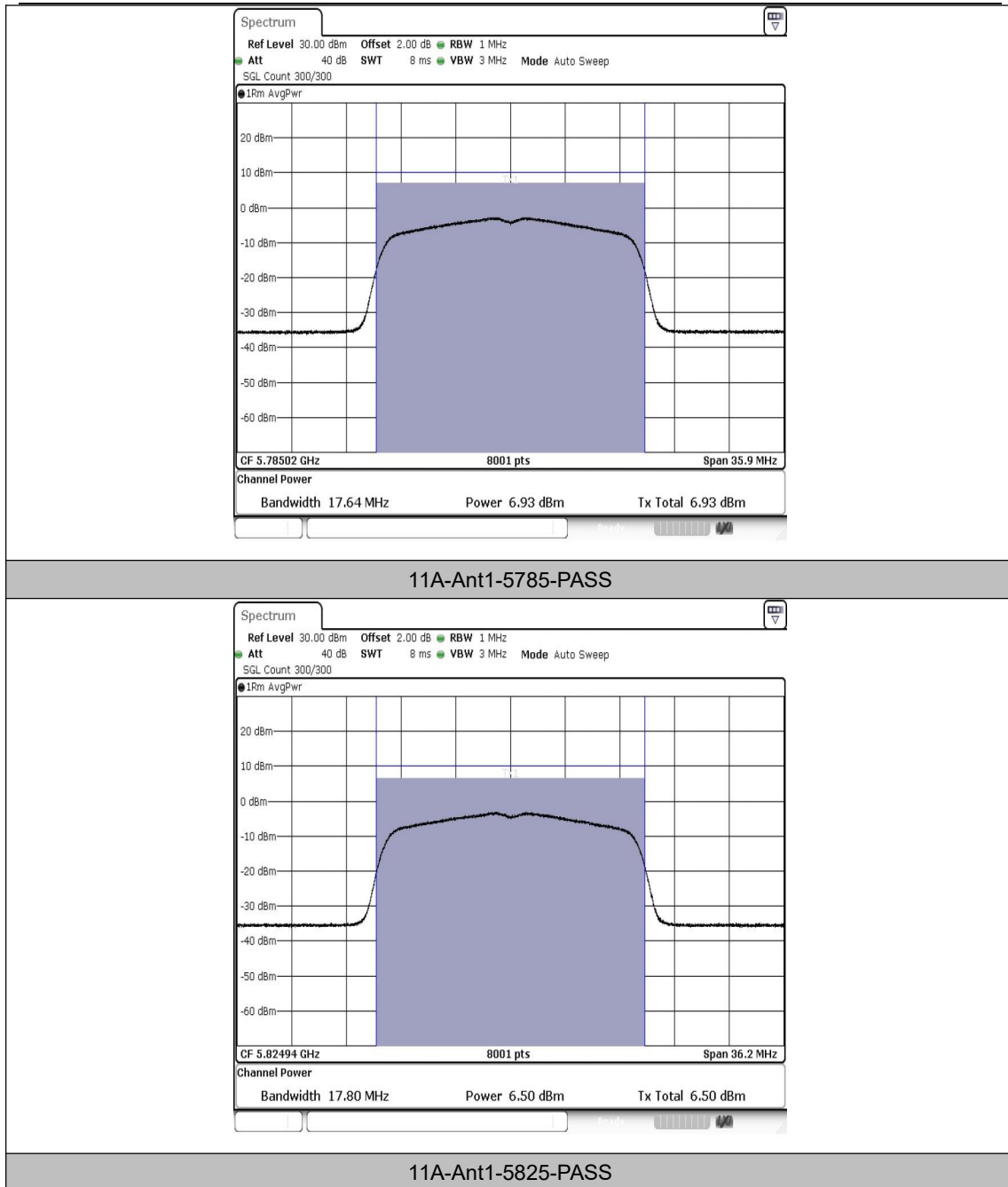




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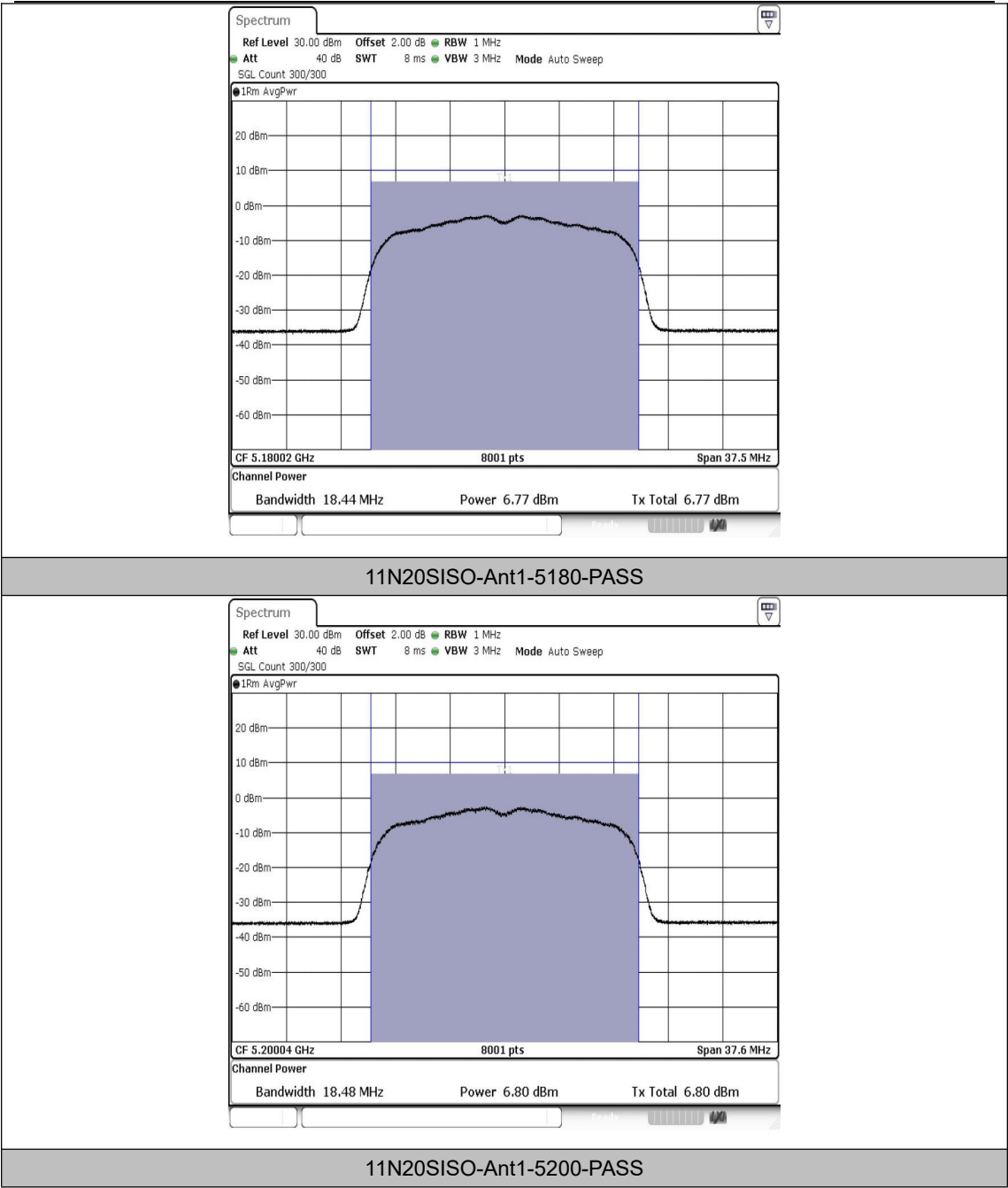
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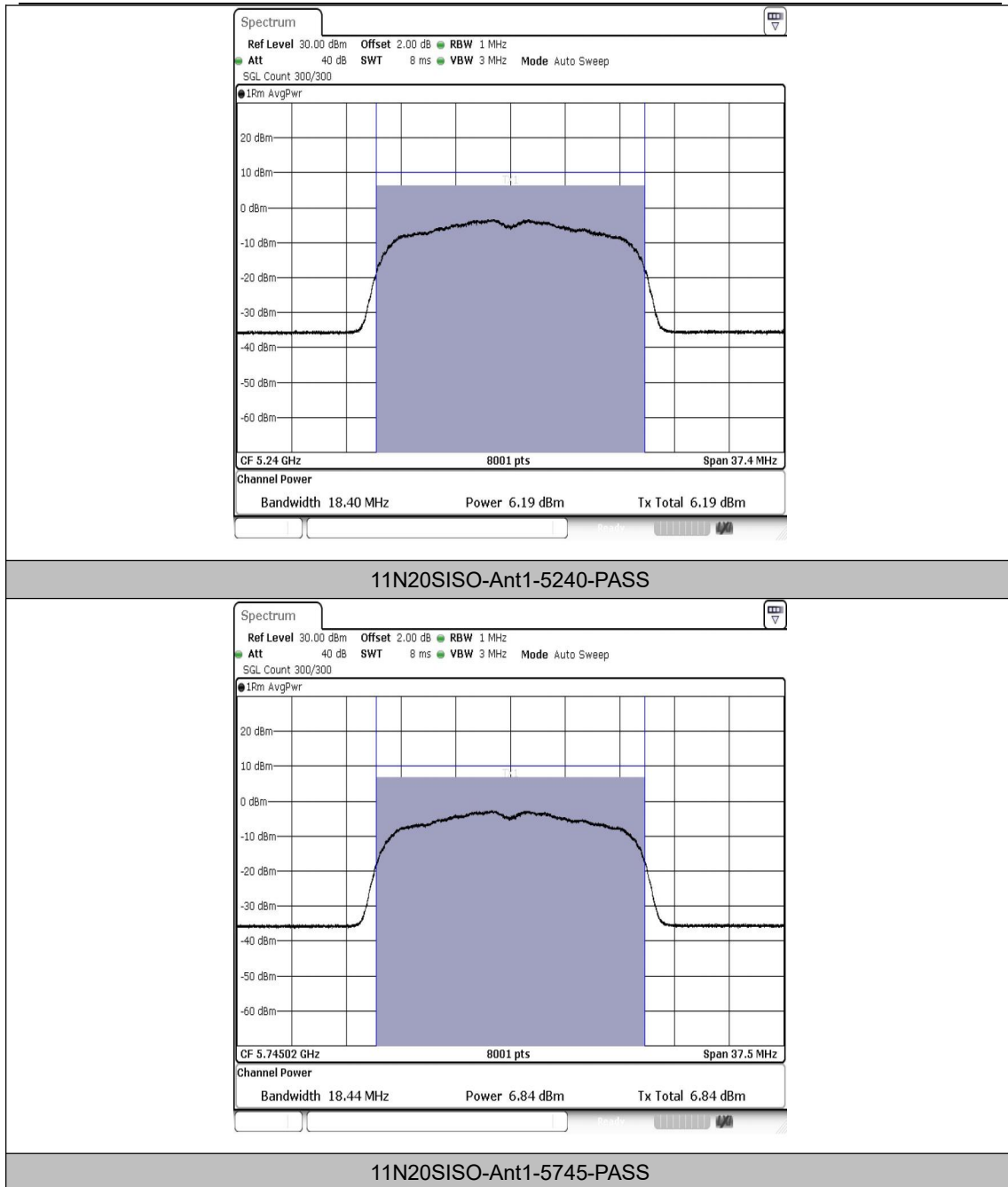


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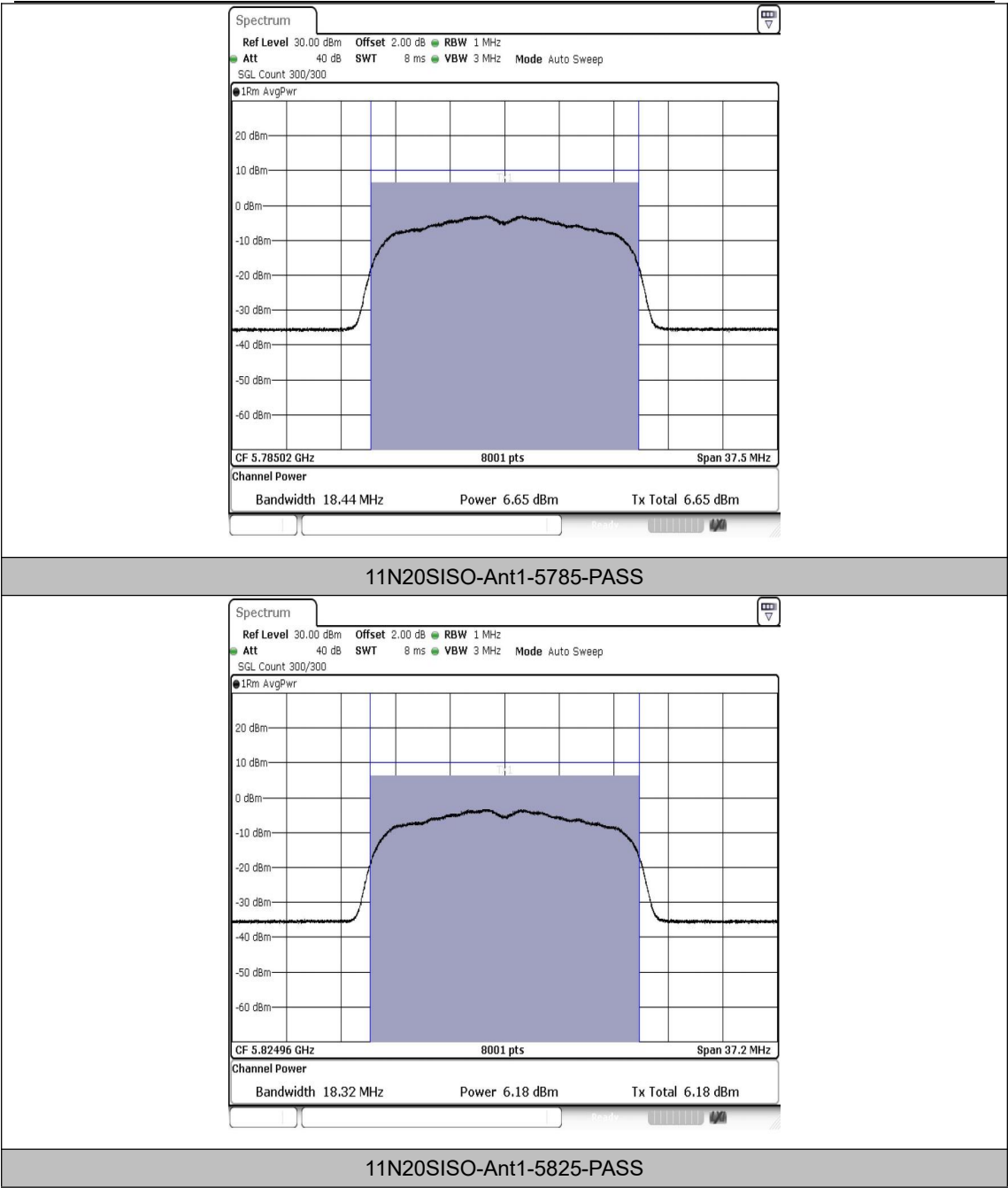




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Appendix D: Maximum Power Spectral Density

Test Result B1

Test Mode	Antenna	Frequency [MHz]	Reading Result[dBm/MHz]	DC Factor [dB]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-3.32	0.00	-3.32	≤11.00	PASS
11A	Ant1	5200	-2.57	0.00	-2.57	≤11.00	PASS
11A	Ant1	5240	-3.13	0.00	-3.13	≤11.00	PASS
11N20SISO	Ant1	5180	-2.91	0.00	-2.91	≤11.00	PASS
11N20SISO	Ant1	5200	-2.93	0.00	-2.93	≤11.00	PASS
11N20SISO	Ant1	5240	-2.83	0.00	-2.83	≤11.00	PASS

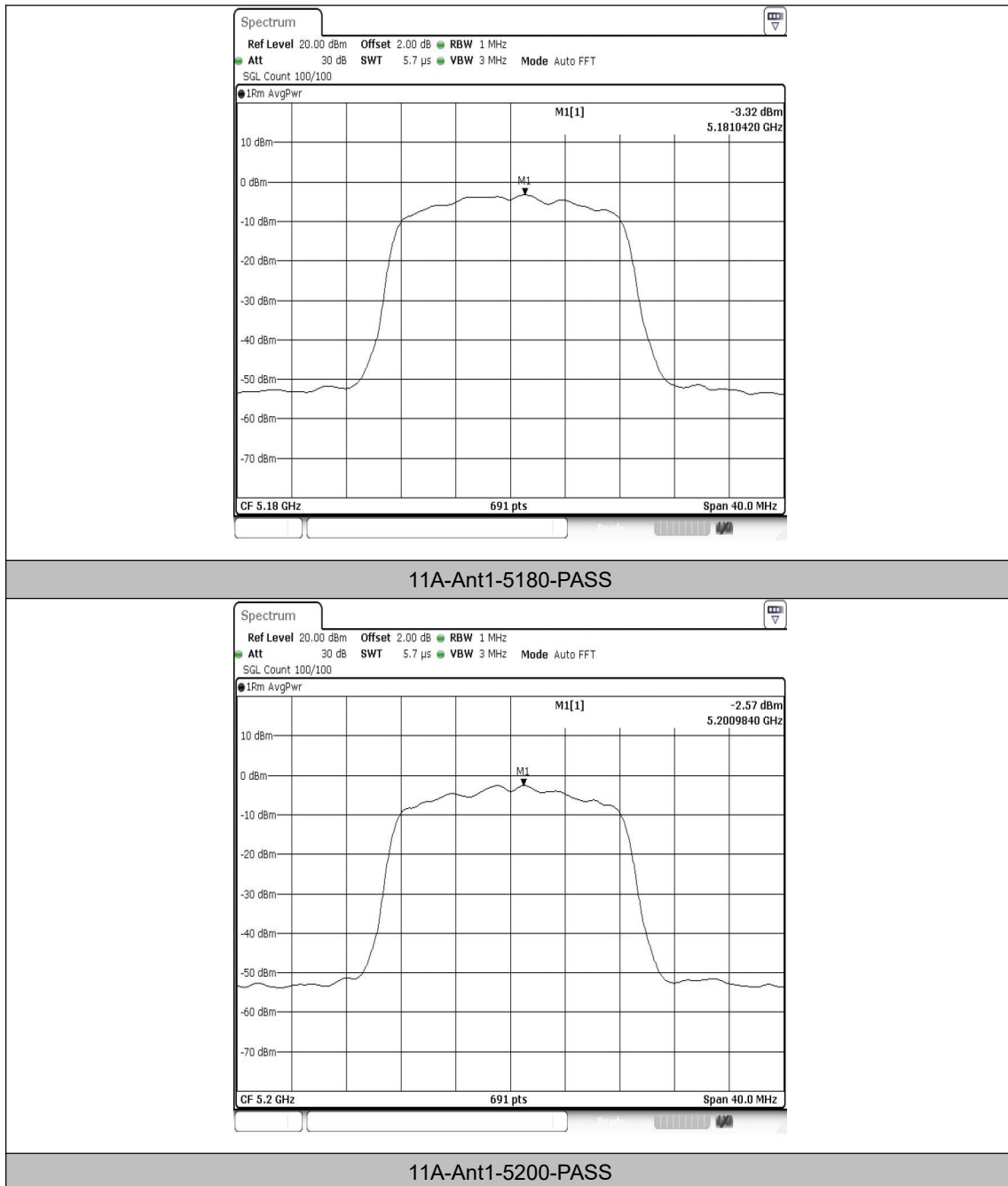
Note: 1.The cable loss are compensated in the graph.

Test Result B4

Test Mode	Antenna	Frequency [MHz]	Reading Result[dBm/500KHz]	DC Factor [dB]	Result [dBm/500 KHz]	Limit[dBm /500KHz]	Verdict
11A	Ant1	5745	-5.72	0.00	-5.72	≤30.00	PASS
11A	Ant1	5785	-6.17	0.00	-6.17	≤30.00	PASS
11A	Ant1	5825	-6.4	0.00	-6.40	≤30.00	PASS
11N20SISO	Ant1	5745	-5.4	0.00	-5.40	≤30.00	PASS
11N20SISO	Ant1	5785	-5.25	0.00	-5.25	≤30.00	PASS
11N20SISO	Ant1	5825	-5.75	0.00	-5.75	≤30.00	PASS

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

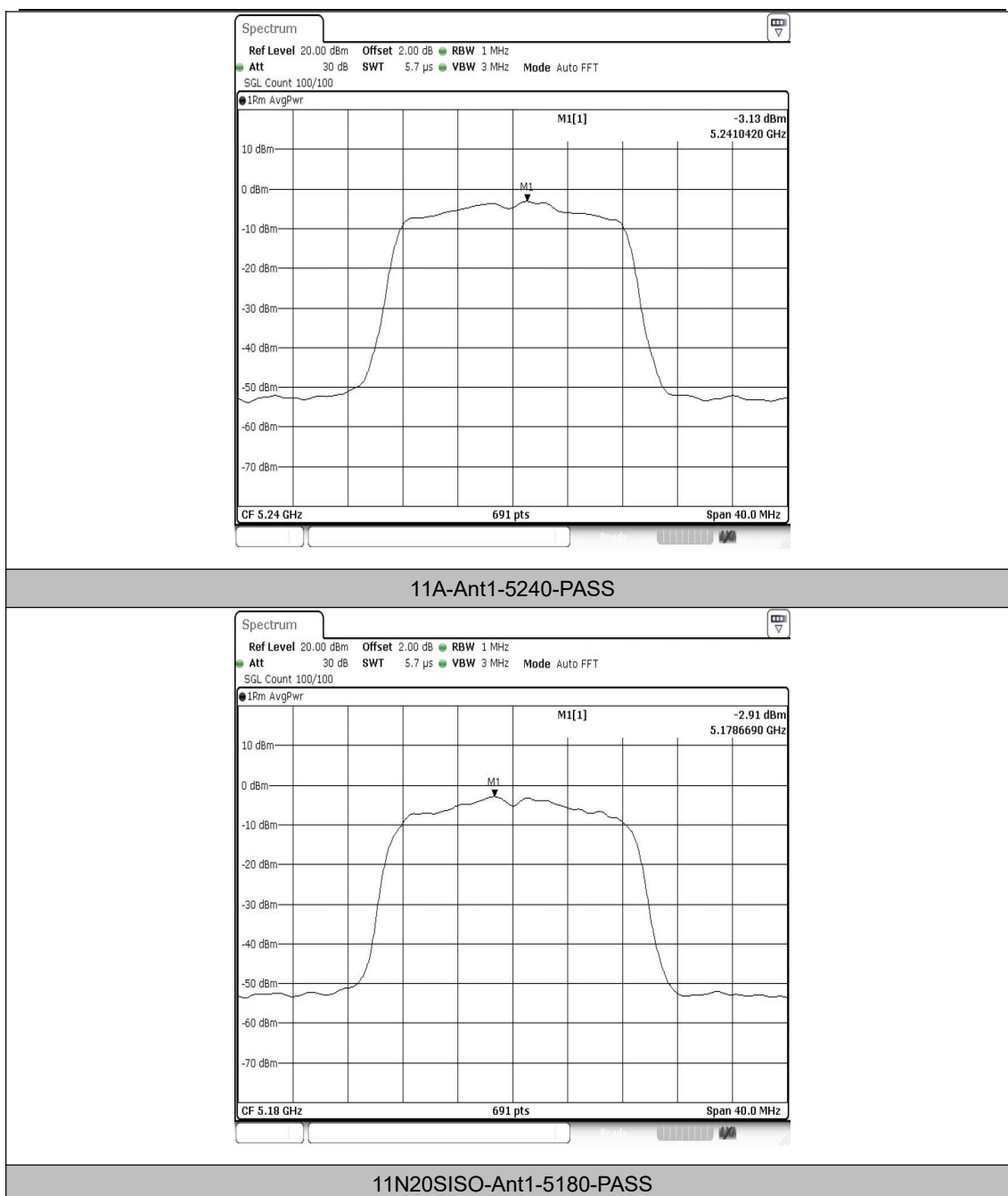
Test Graphs B1



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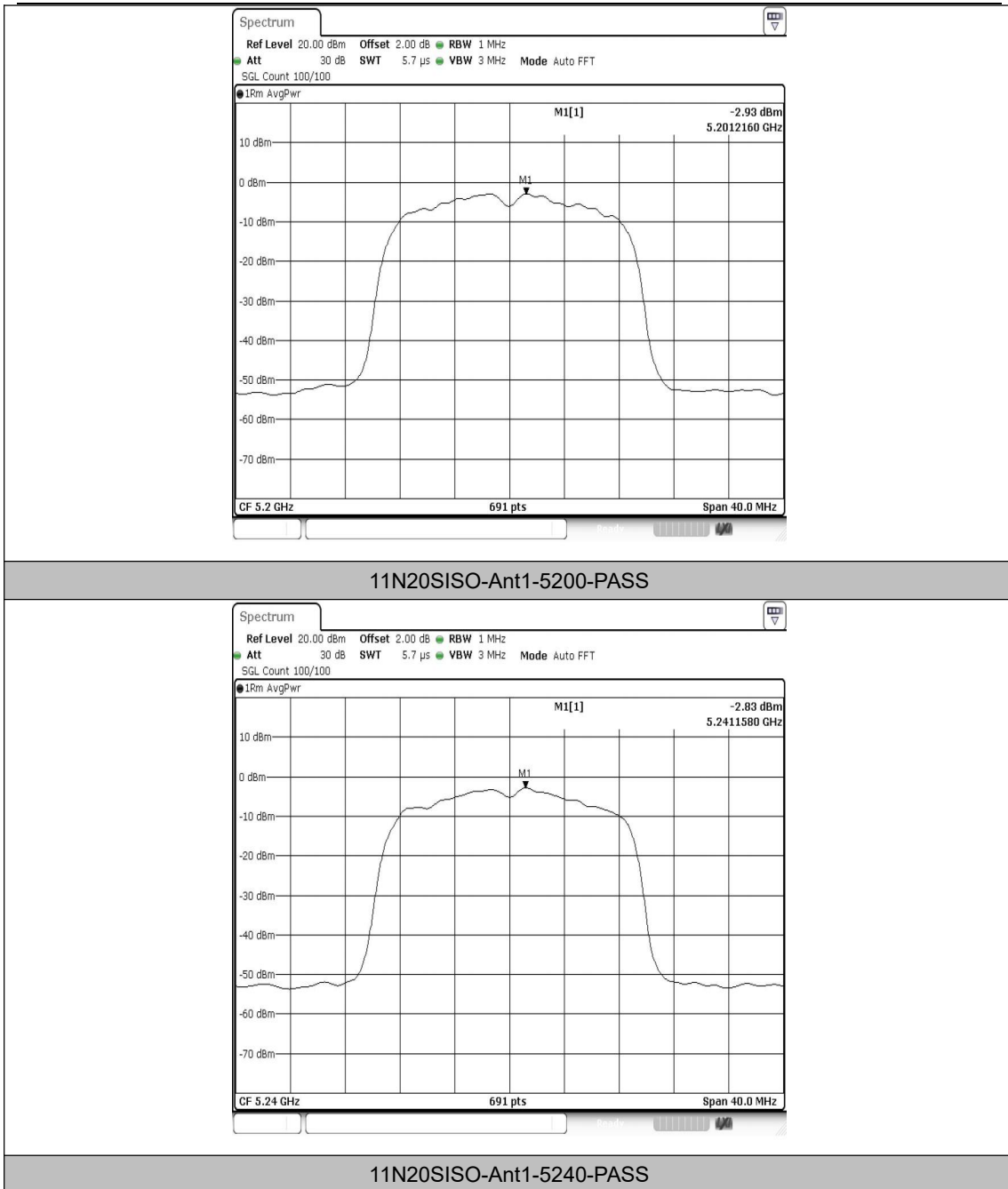
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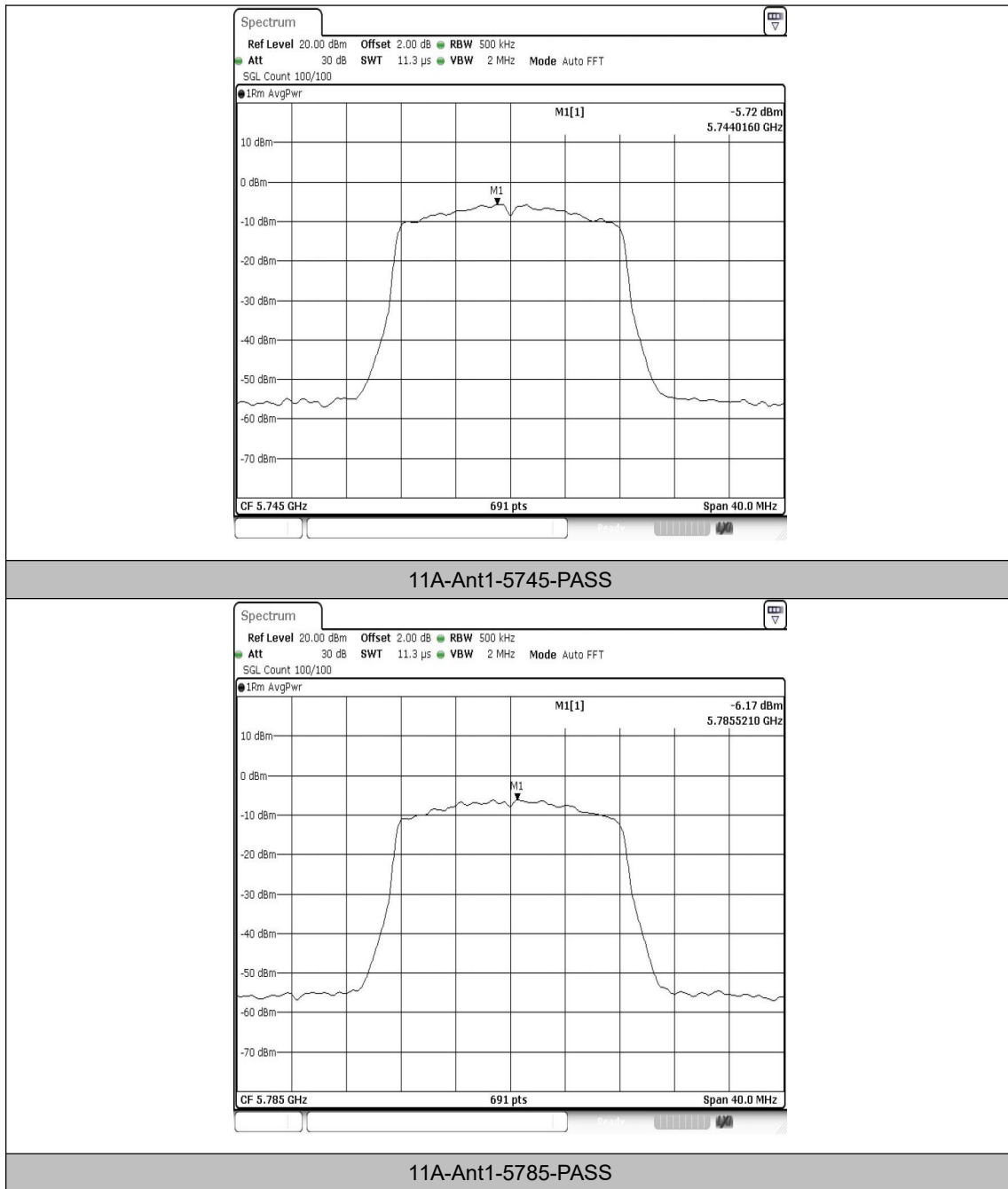


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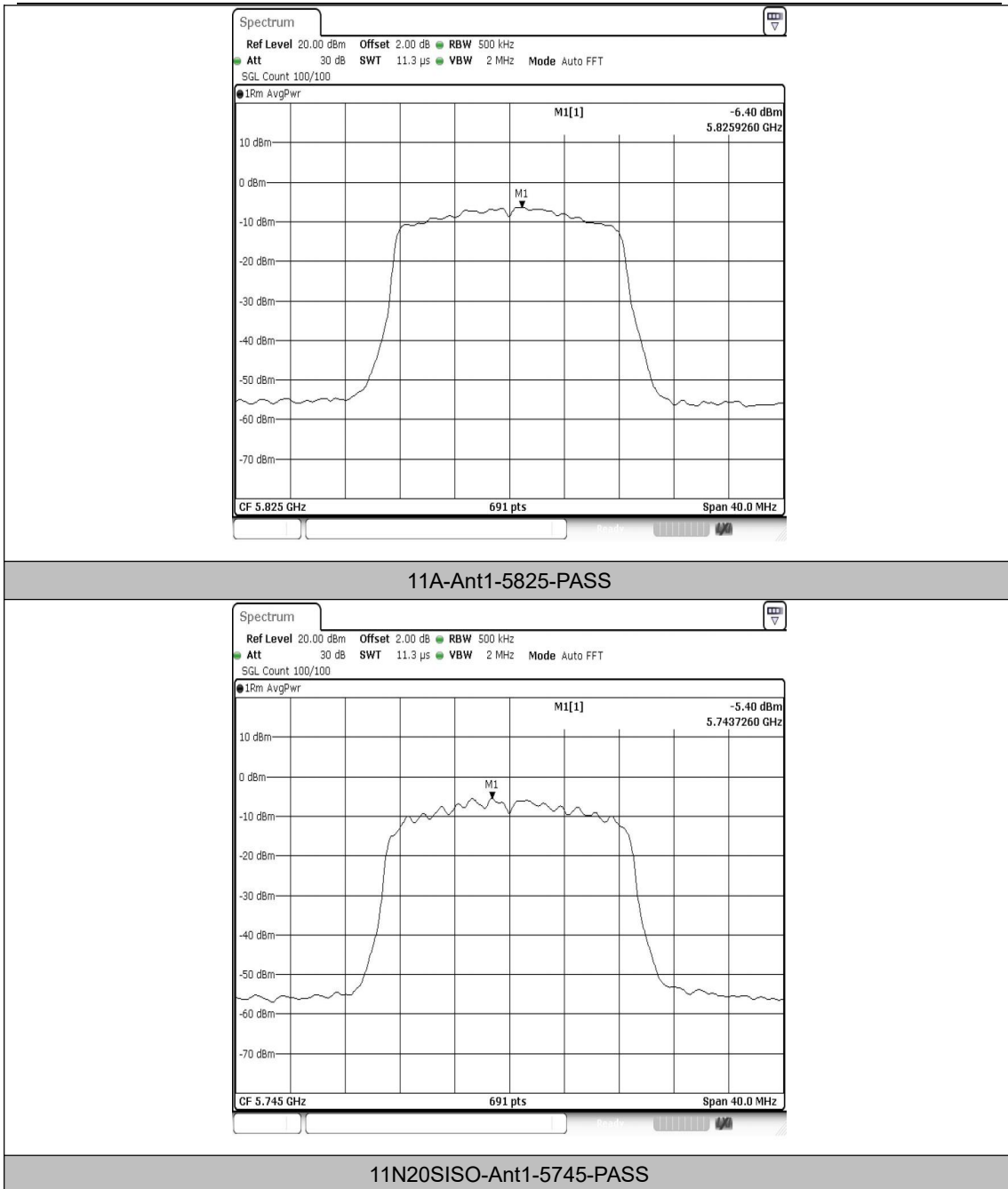
Test Graphs B4



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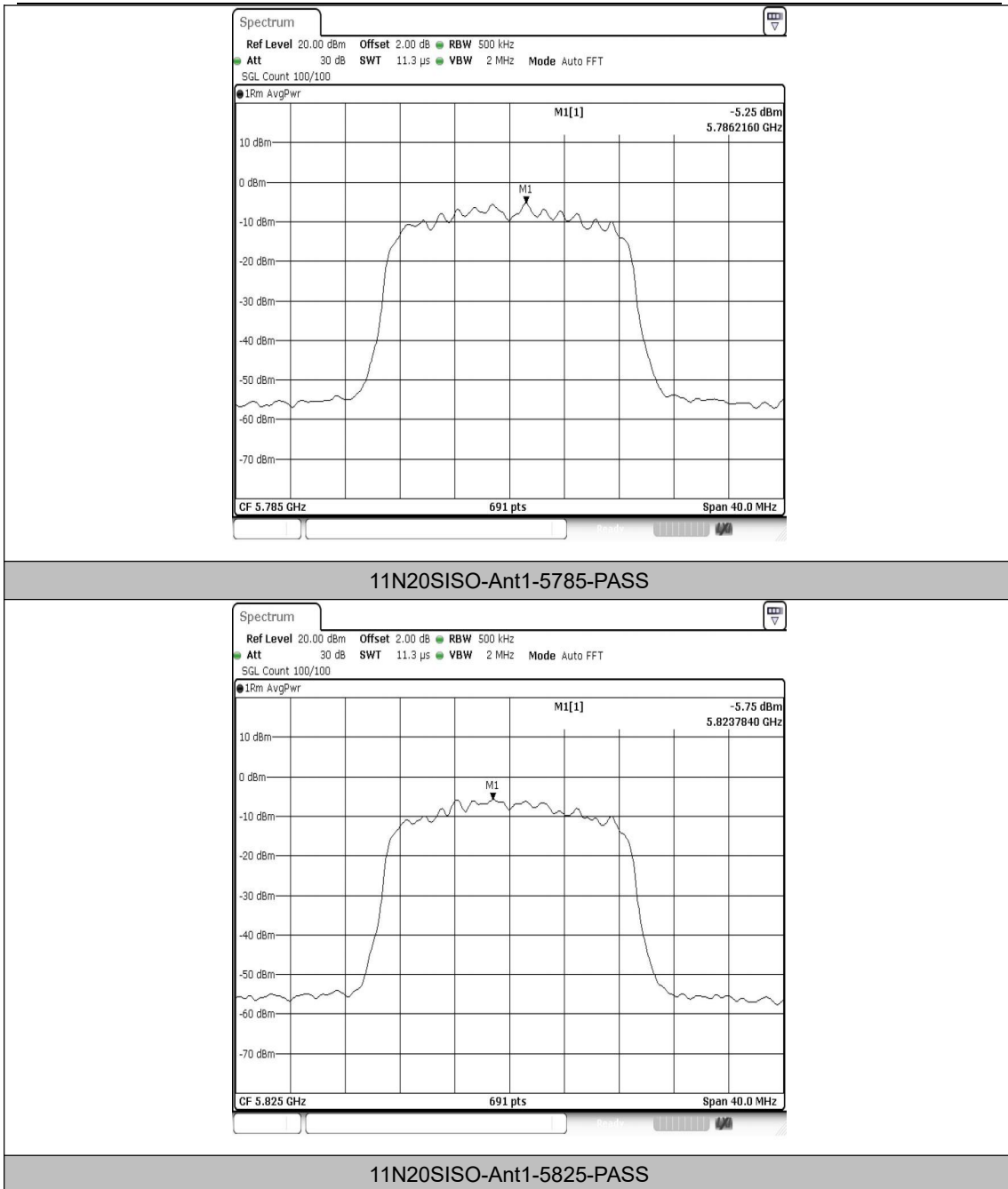
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Appendix E: Band edge measurements

Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-32.98	≤-27	PASS
11A	Ant1	High	5240	-40.32	≤-27	PASS
11N20SISO	Ant1	Low	5180	-31.66	≤-27	PASS
11N20SISO	Ant1	High	5240	-40.38	≤-27	PASS

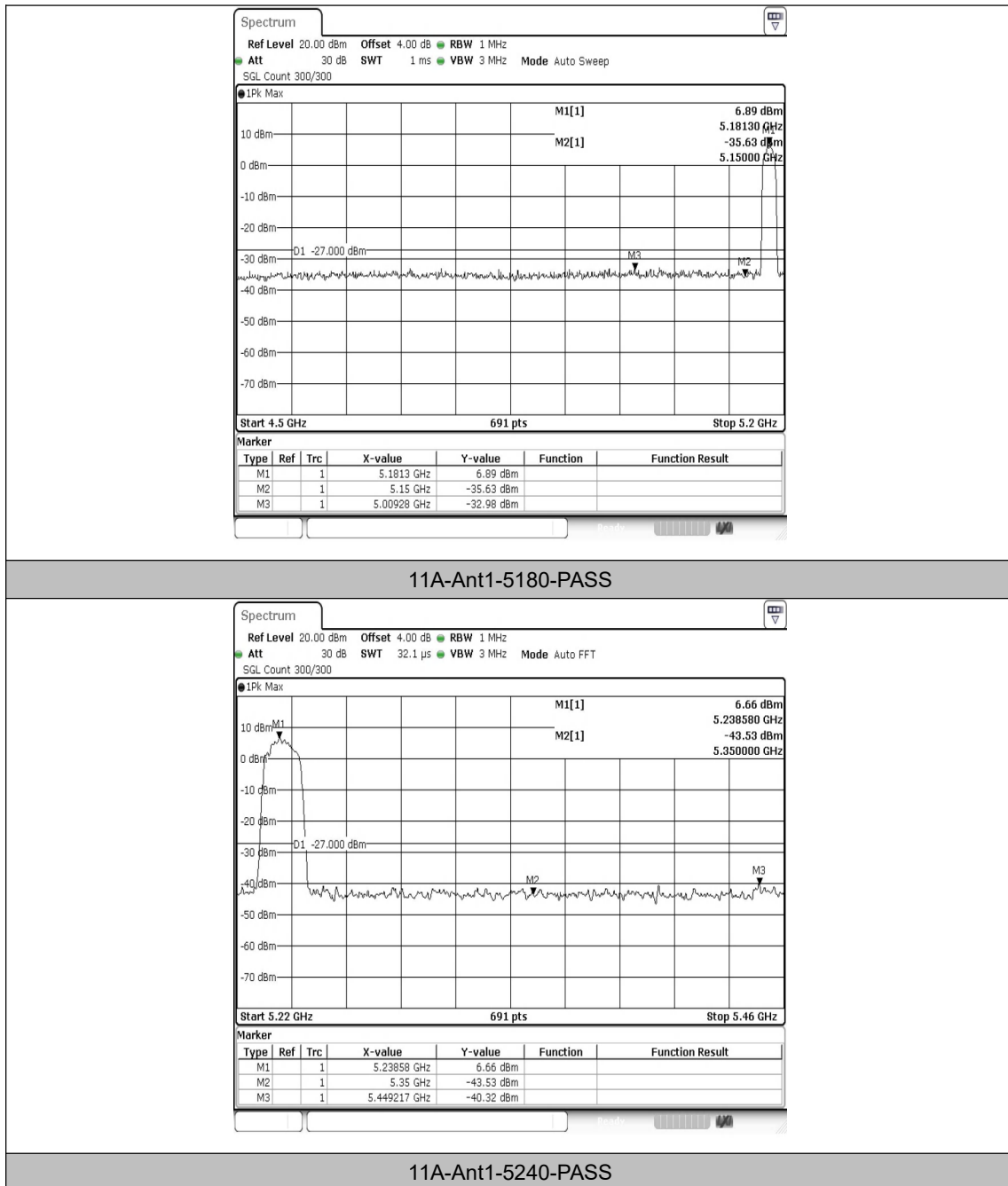
Note: The margin plus the antenna gain also meets the limit.

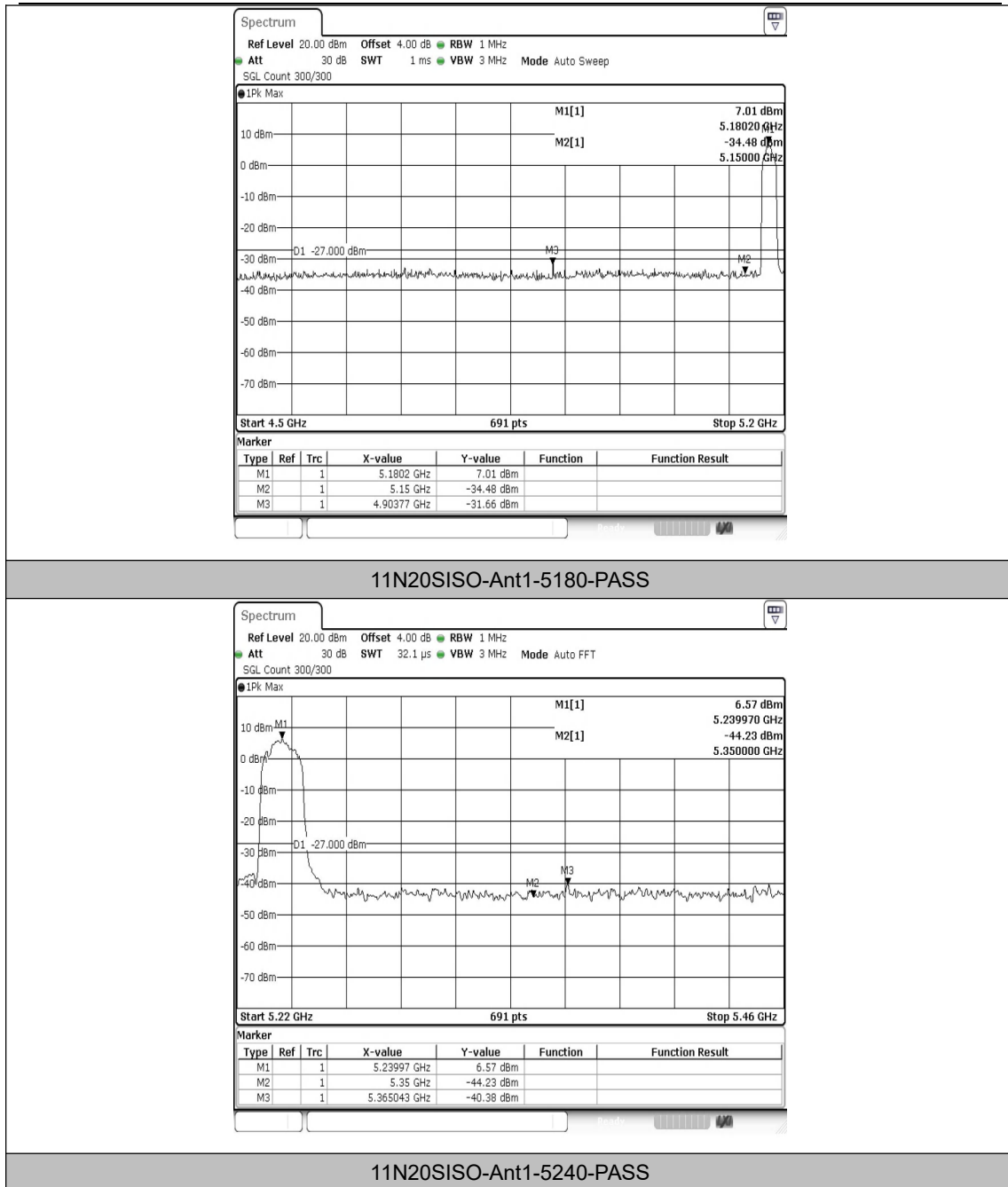
Test Result B4

Test Mode	Antenna	Ch. Name	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	-40.75	≤12.99	PASS
11A	Ant1	Low	5745	5650~5700	-44.16	≤-26.88	PASS
11A	Ant1	Low	5745	5760~5650	-43	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-44.04	≤15.65	PASS
11A	Ant1	High	5825	5855~5875	-43.66	≤10.18	PASS
11A	Ant1	High	5825	5875~5925	-42.59	≤-26.73	PASS
11A	Ant1	High	5825	5925~5935	-42.07	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5720~5725	-40.04	≤17.12	PASS
11N20SI SO	Ant1	Low	5745	5700~5720	-43.4	≤10.09	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-43.45	≤-25.77	PASS
11N20SI SO	Ant1	Low	5745	5760~5650	-43.59	≤-27	PASS
11N20SI SO	Ant1	High	5825	5850~5855	-43.92	≤15.65	PASS
11N20SI SO	Ant1	High	5825	5855~5875	-41.96	≤11.06	PASS
11N20SI SO	Ant1	High	5825	5875~5925	-43.8	≤-26.87	PASS
11N20SI SO	Ant1	High	5825	5925~5935	-42.22	≤-27	PASS

Note: The margin plus the antenna gain also meets the limit.

Test Graphs B1



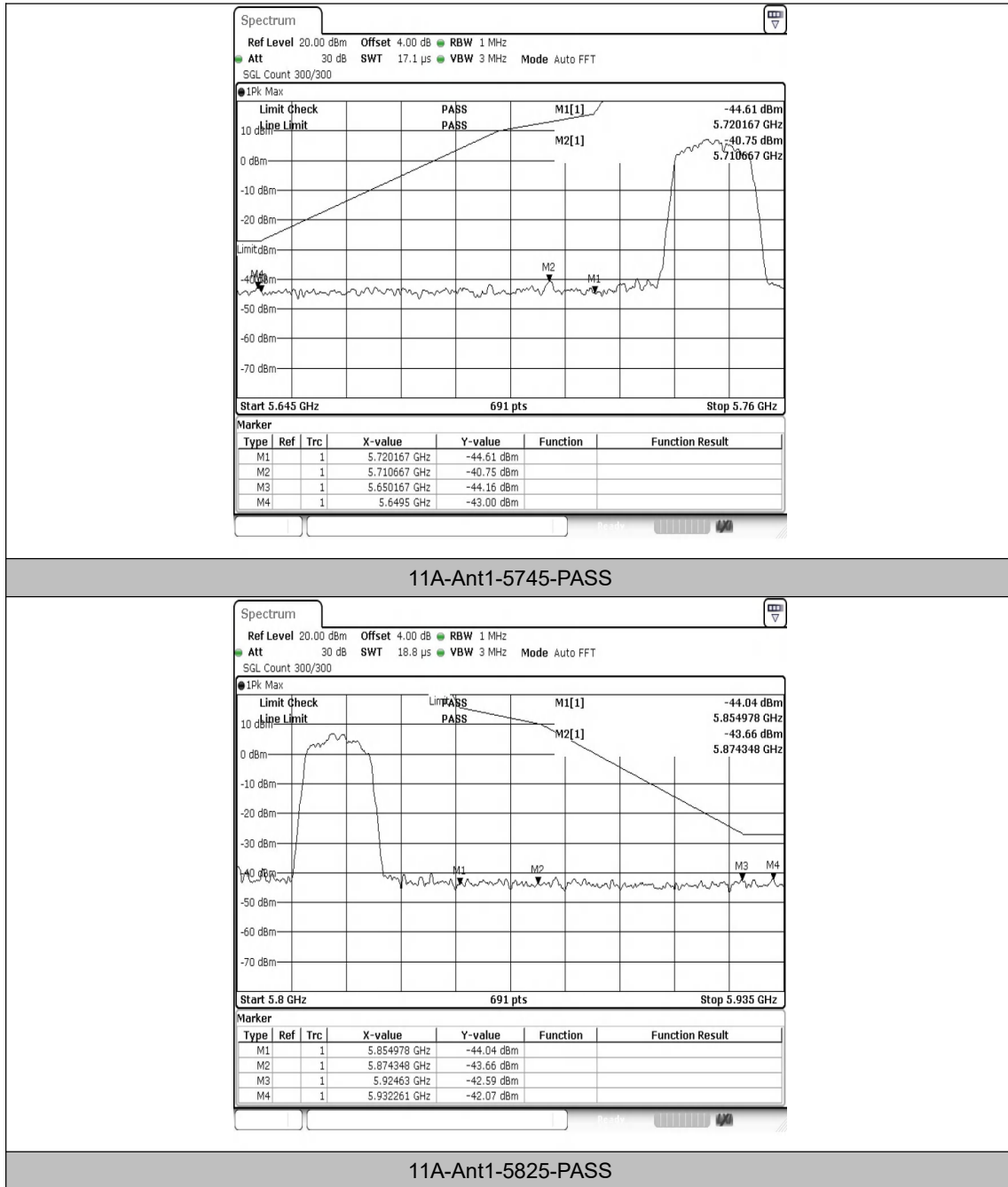


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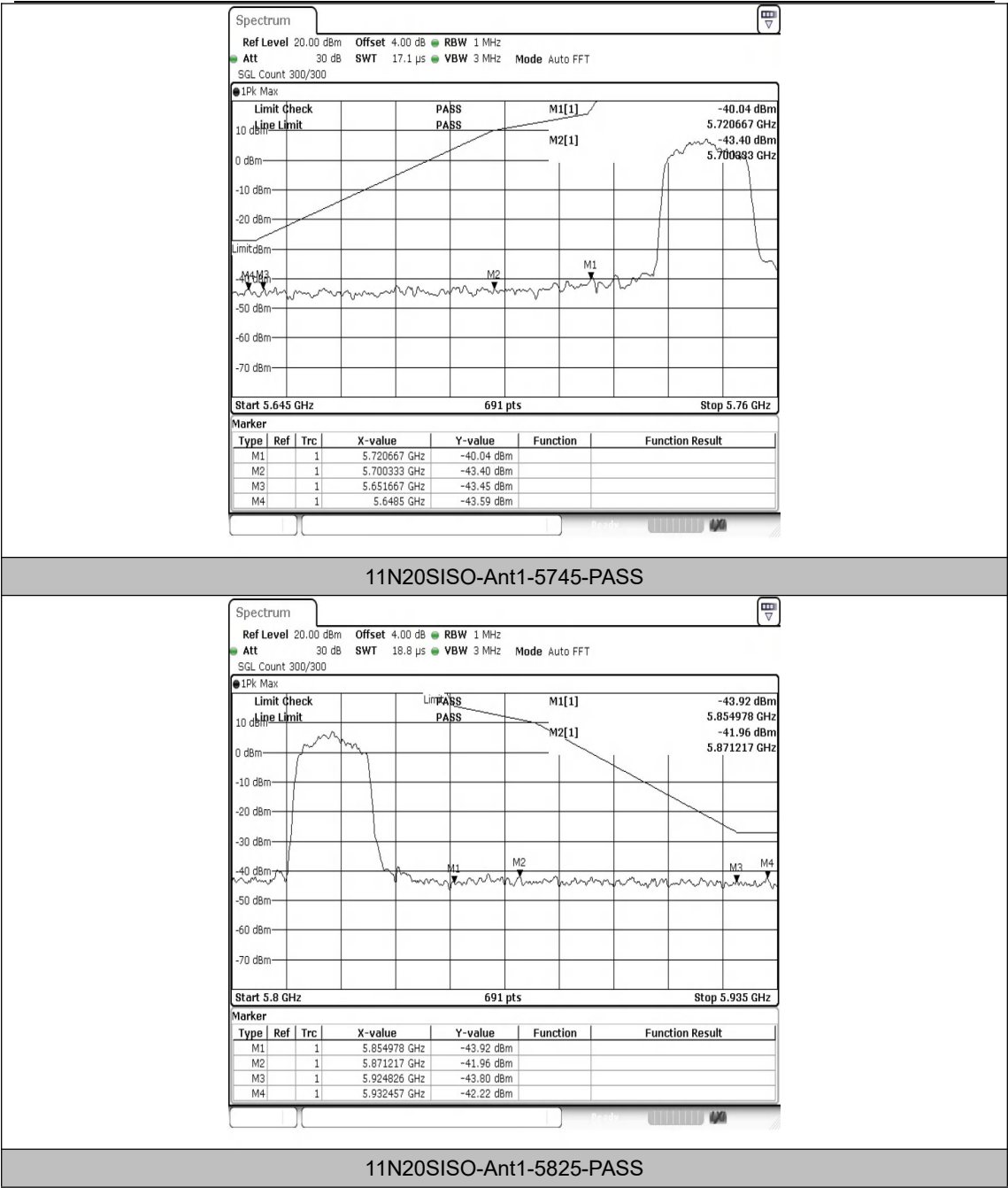
Test Graphs B4



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