

Appendix Test Data

Report No.:	1814C50036112502	Test Sample No.:	1-2-2
Start Test Date:	2025.2.18	Finish Test Date:	2025.2.26
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	20.3°C	Relative Humidity:	50%
Pressure:	101kPa		

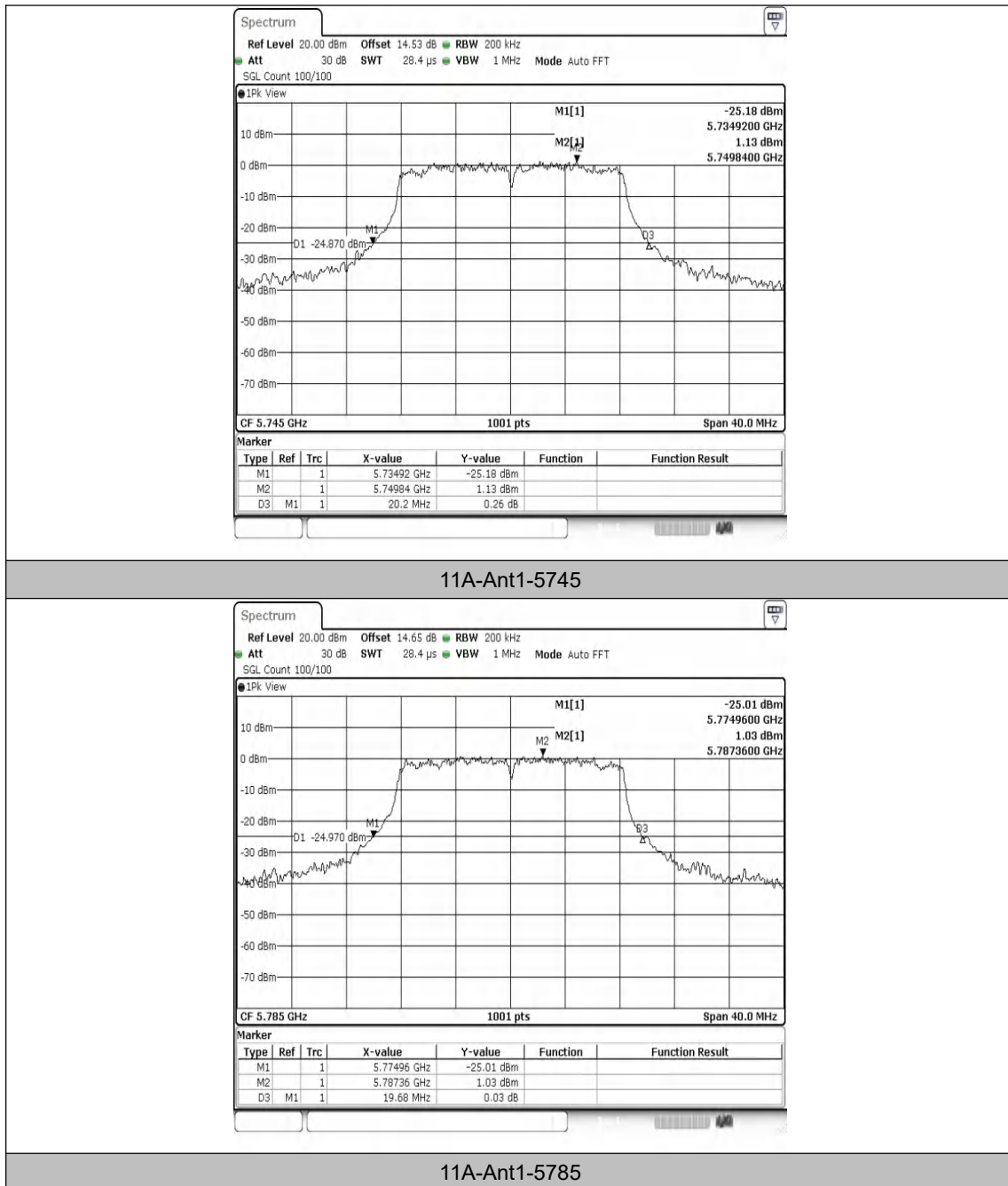
Appendix A1: 26dB Bandwidth

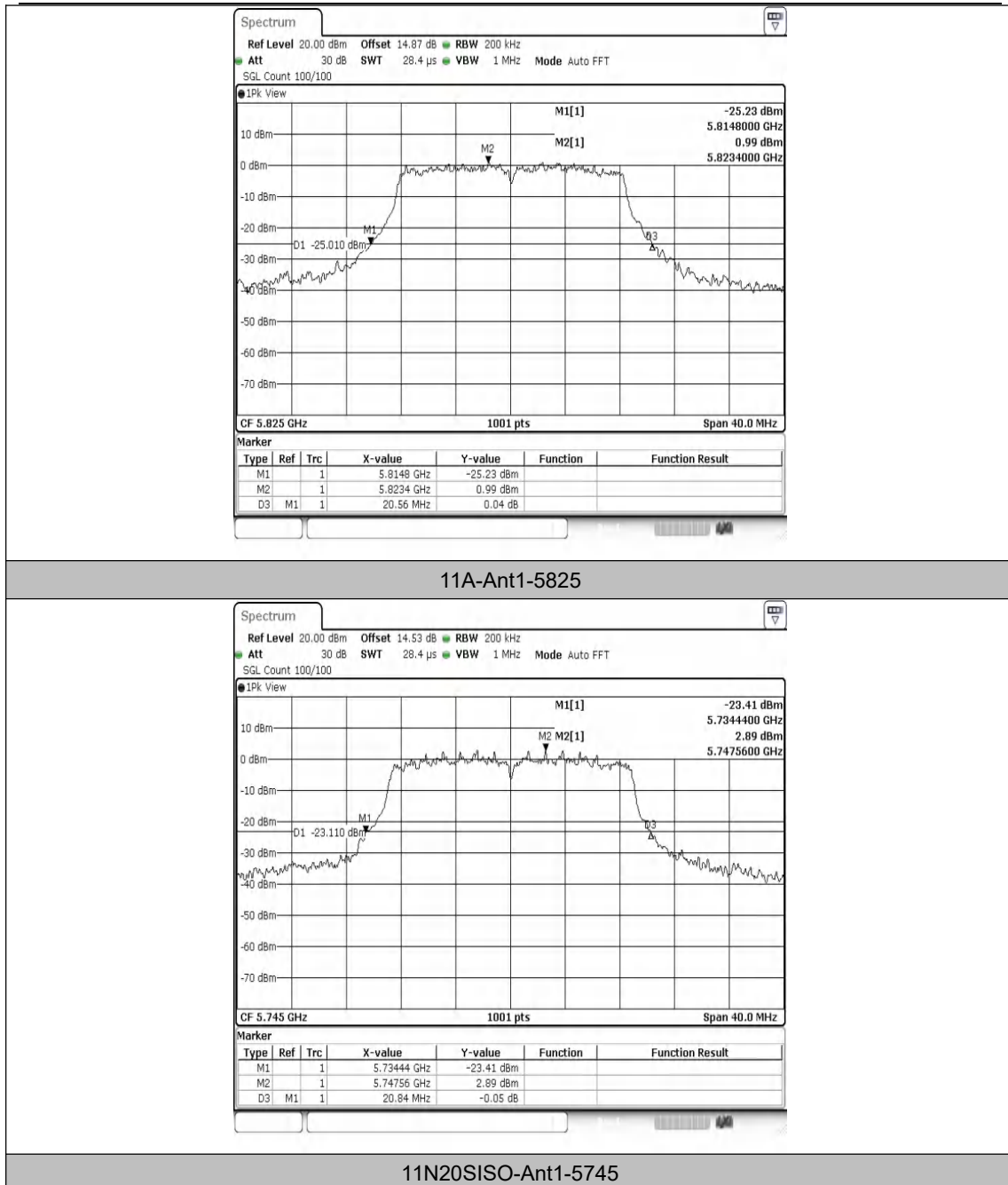
Test Result

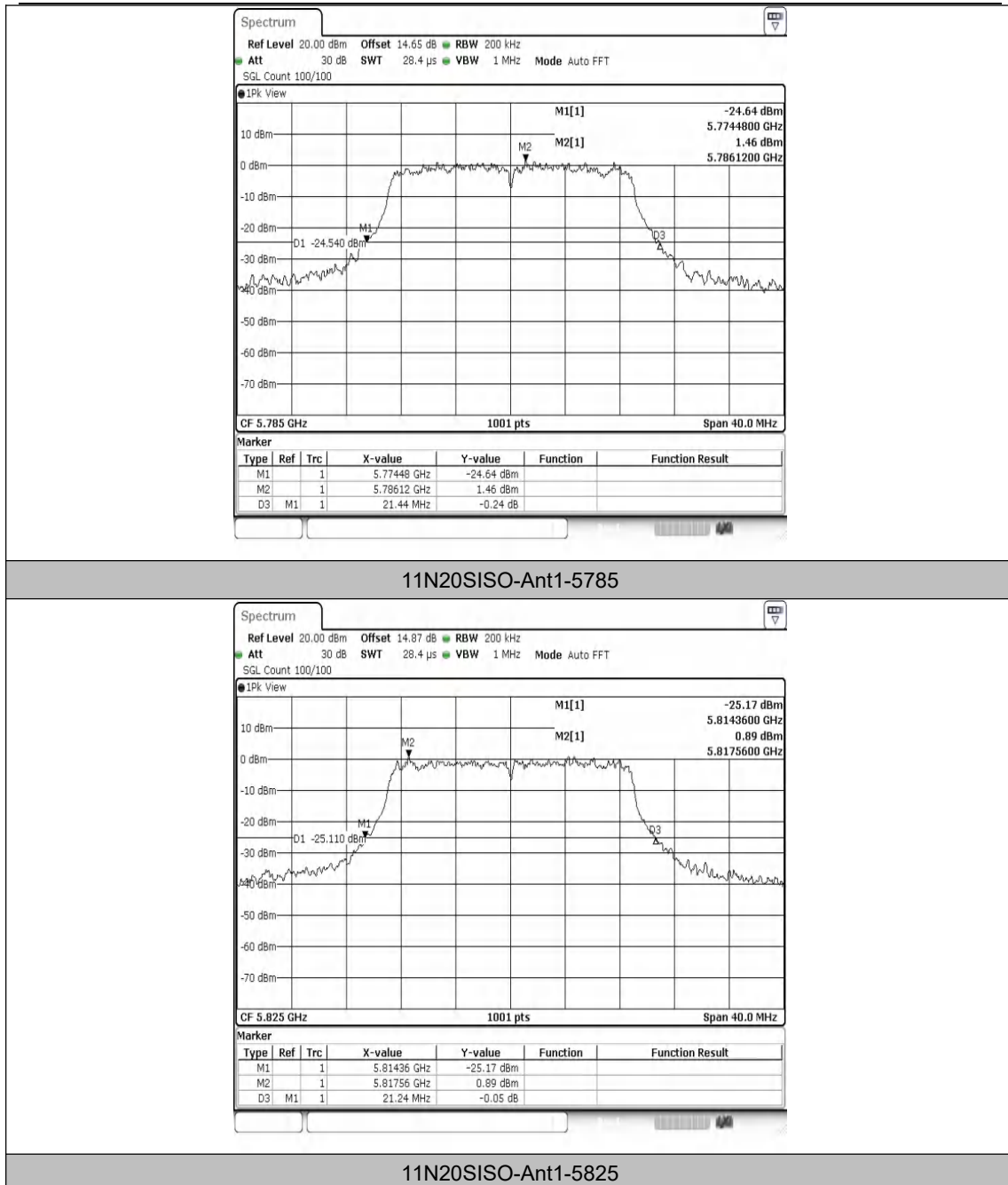
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	20.20	5734.92	5755.12	---	---
11A	Ant1	5785	19.68	5774.96	5794.64	---	---
11A	Ant1	5825	20.56	5814.80	5835.36	---	---
11N20SISO	Ant1	5745	20.84	5734.44	5755.28	---	---
11N20SISO	Ant1	5785	21.44	5774.48	5795.92	---	---
11N20SISO	Ant1	5825	21.24	5814.36	5835.60	---	---
11N40SISO	Ant1	5755	38.56	5735.80	5774.36	---	---
11N40SISO	Ant1	5795	38.56	5775.80	5814.36	---	---

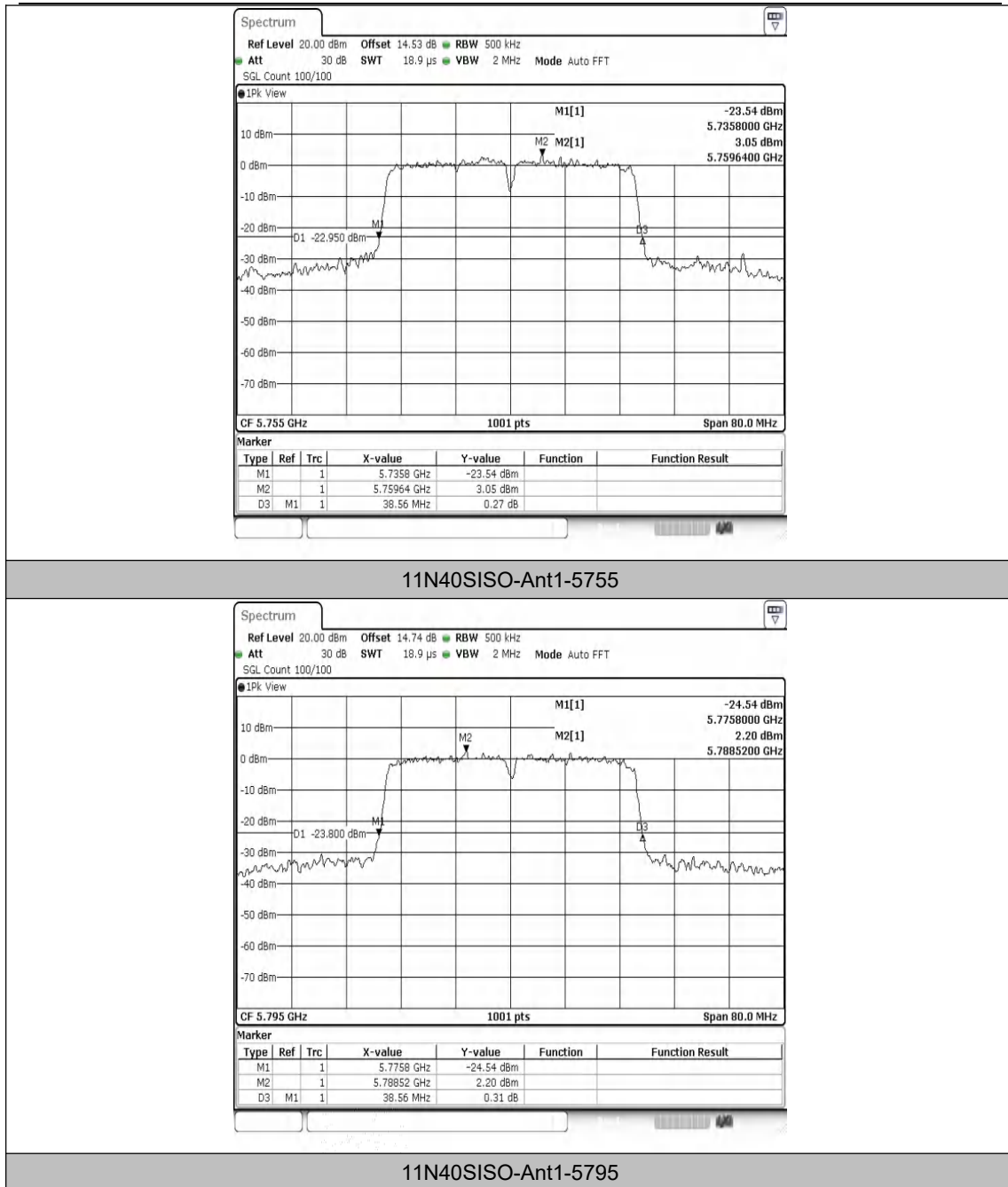


Test Graphs









Appendix A2: 99% Occupied Bandwidth

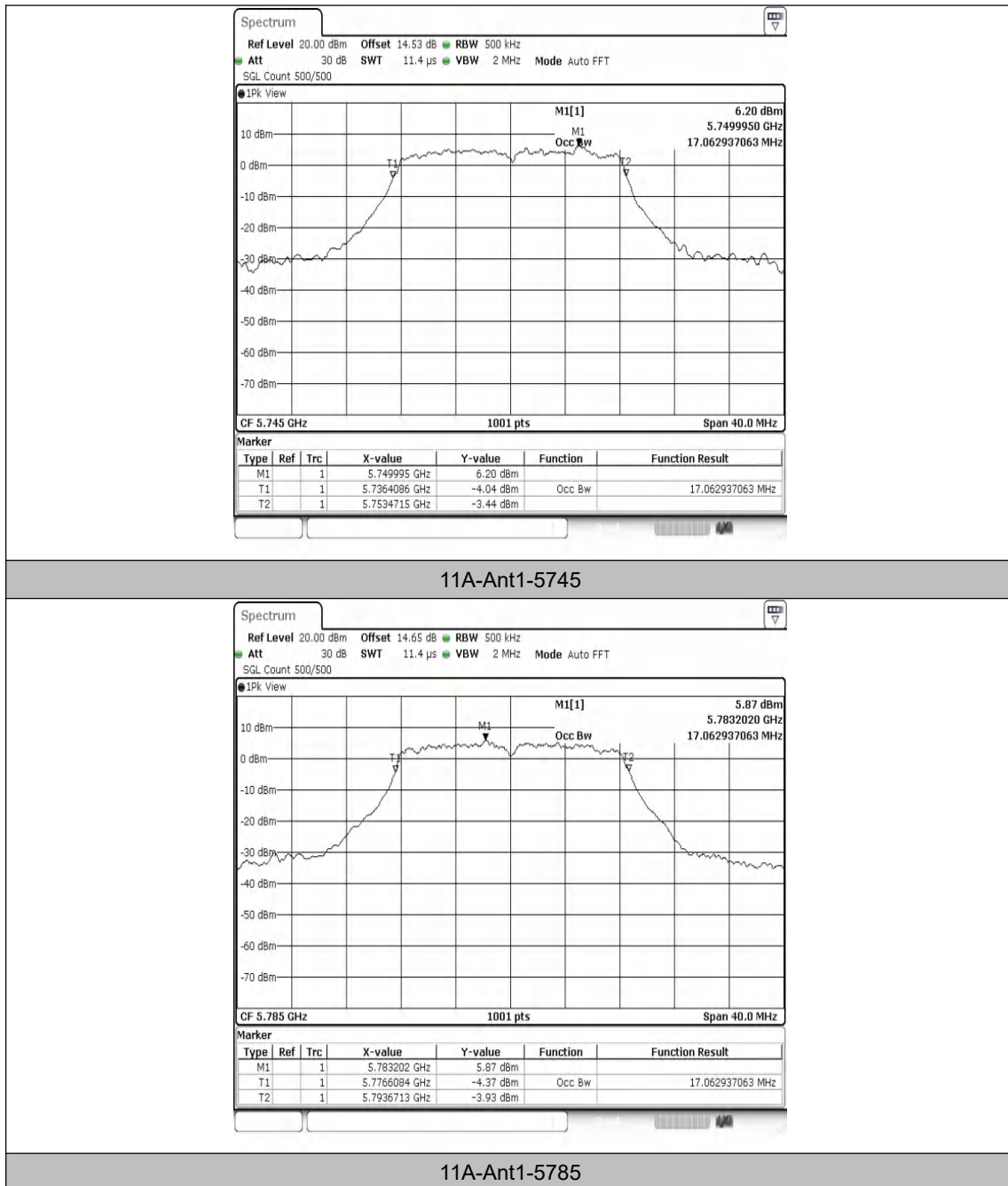
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.063	5736.4086	5753.4715	---	---
11A	Ant1	5785	17.063	5776.6084	5793.6713	---	---
11A	Ant1	5825	17.023	5816.4885	5833.5115	---	---
11N20SISO	Ant1	5745	18.062	5735.9690	5754.0310	---	---
11N20SISO	Ant1	5785	18.342	5775.9690	5794.3107	---	---
11N20SISO	Ant1	5825	18.182	5815.9690	5834.1508	---	---
11N40SISO	Ant1	5755	35.804	5737.1778	5772.9820	---	---
11N40SISO	Ant1	5795	35.884	5777.0979	5812.9820	---	---

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Test Graphs

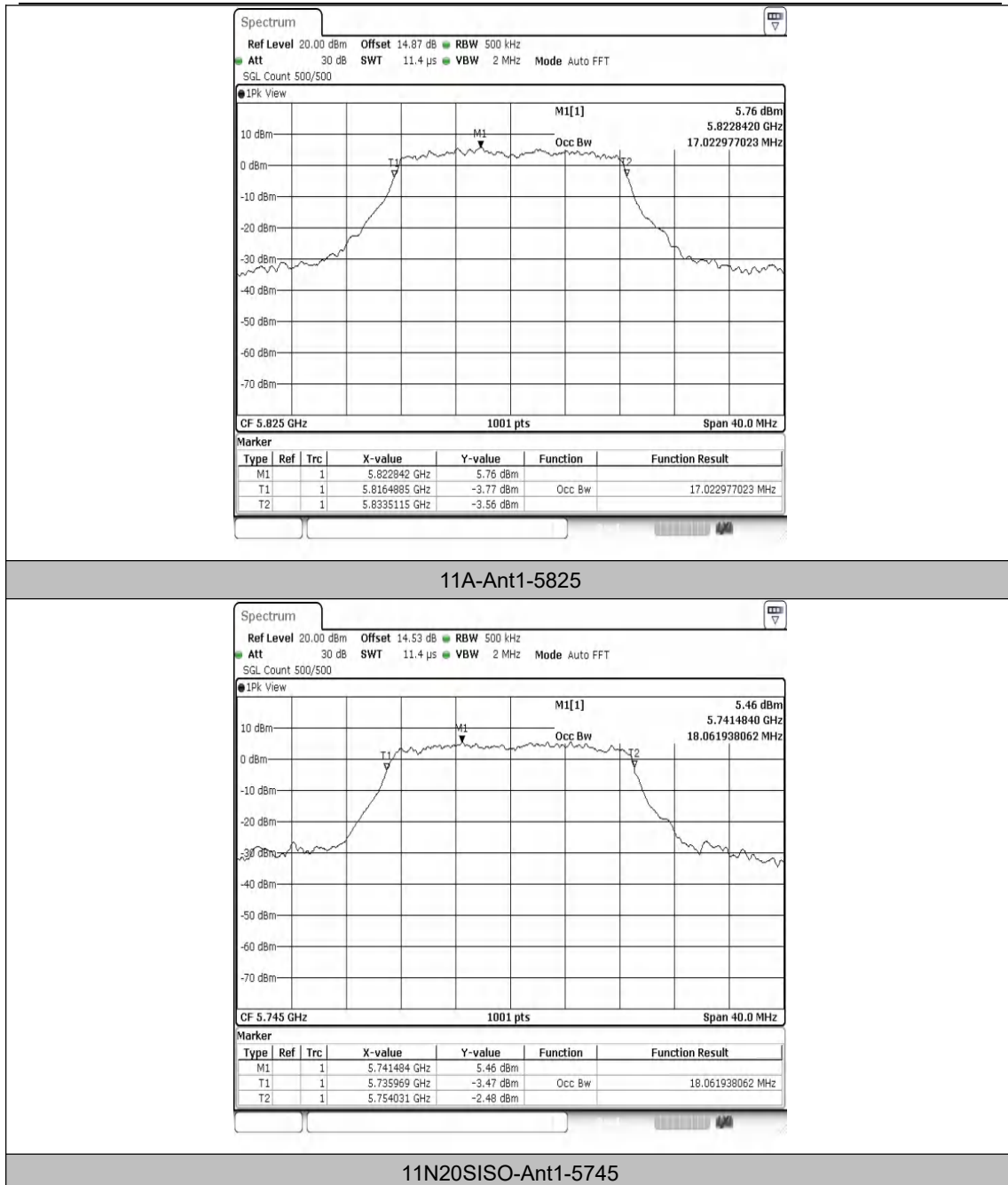


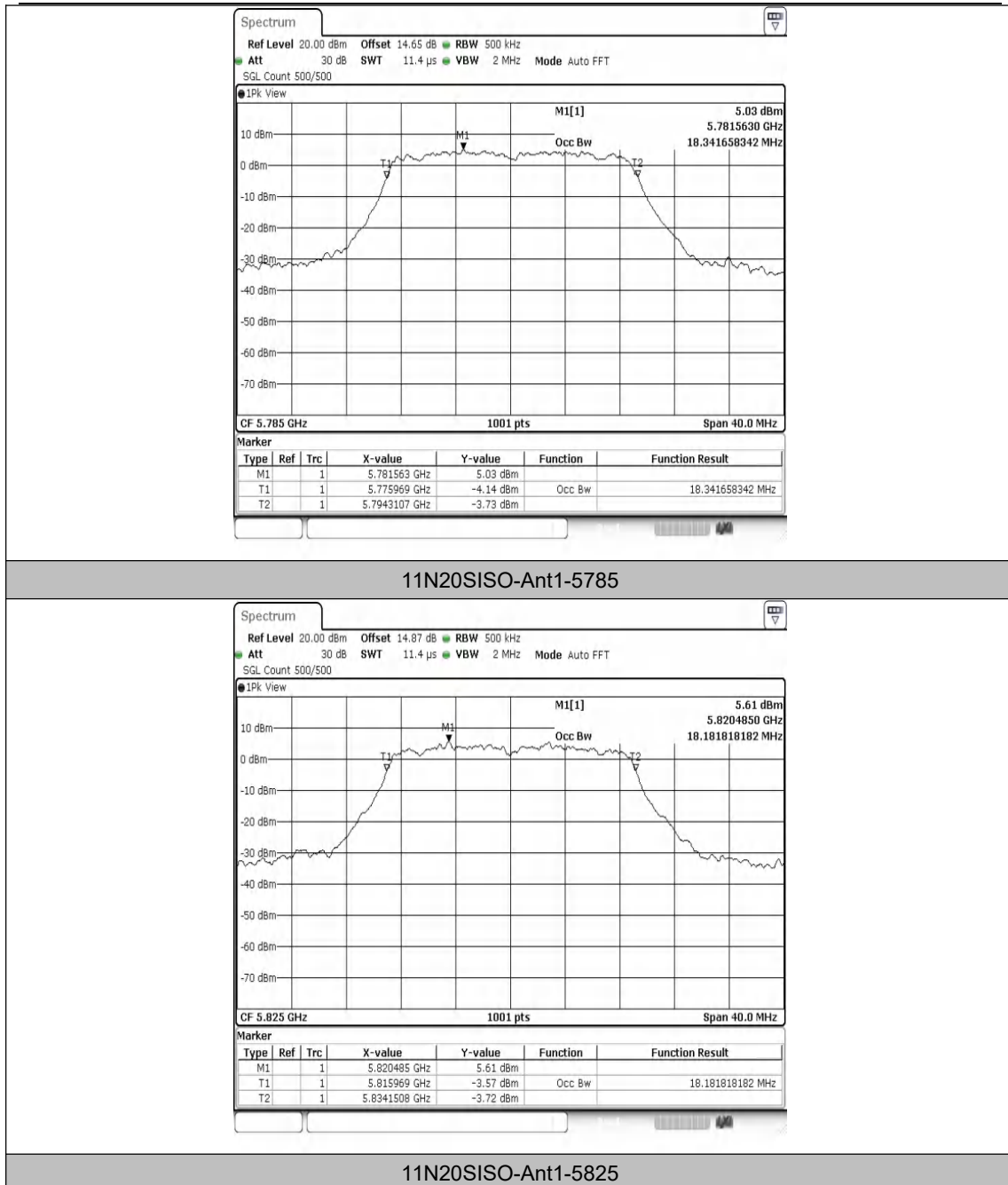
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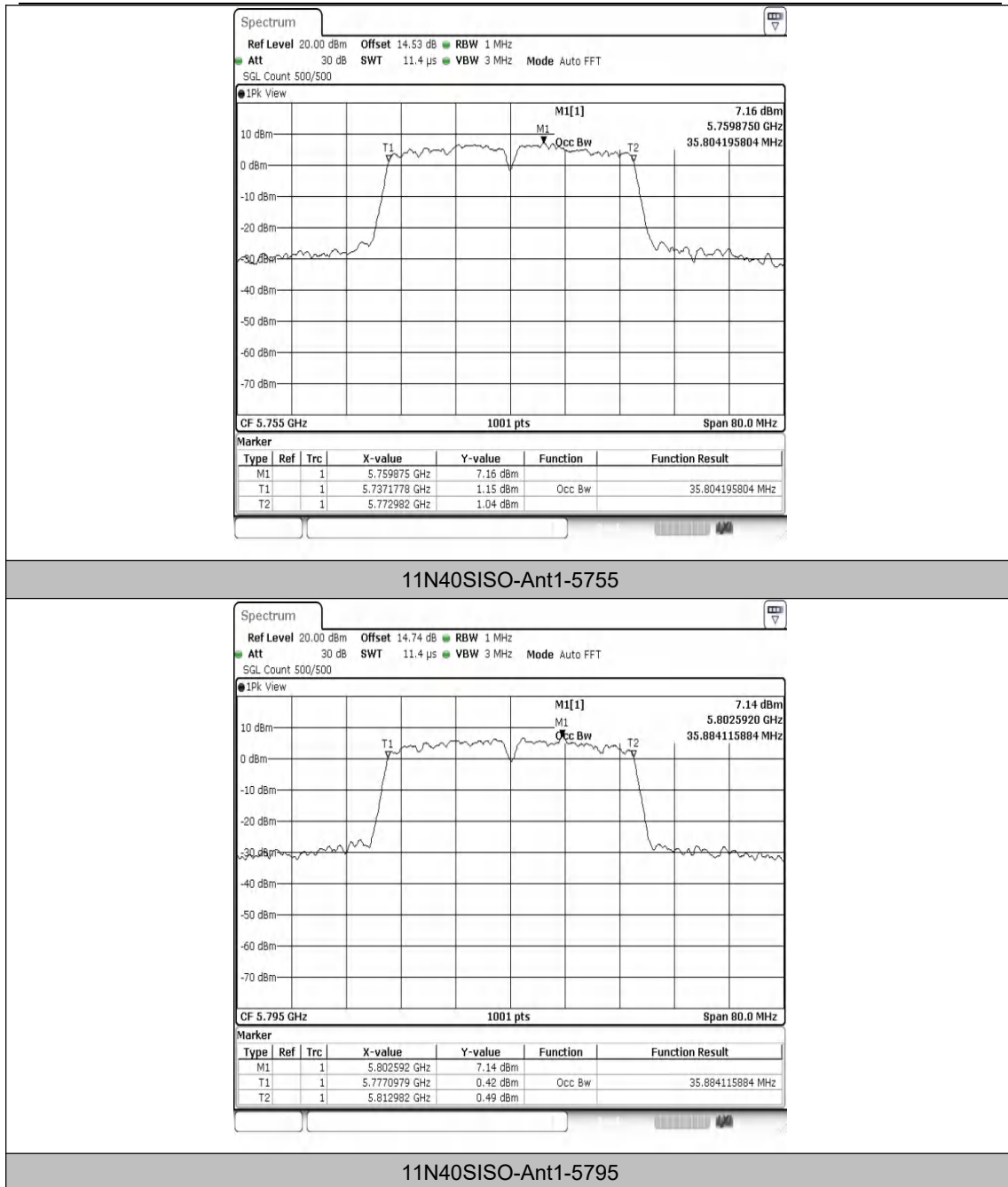
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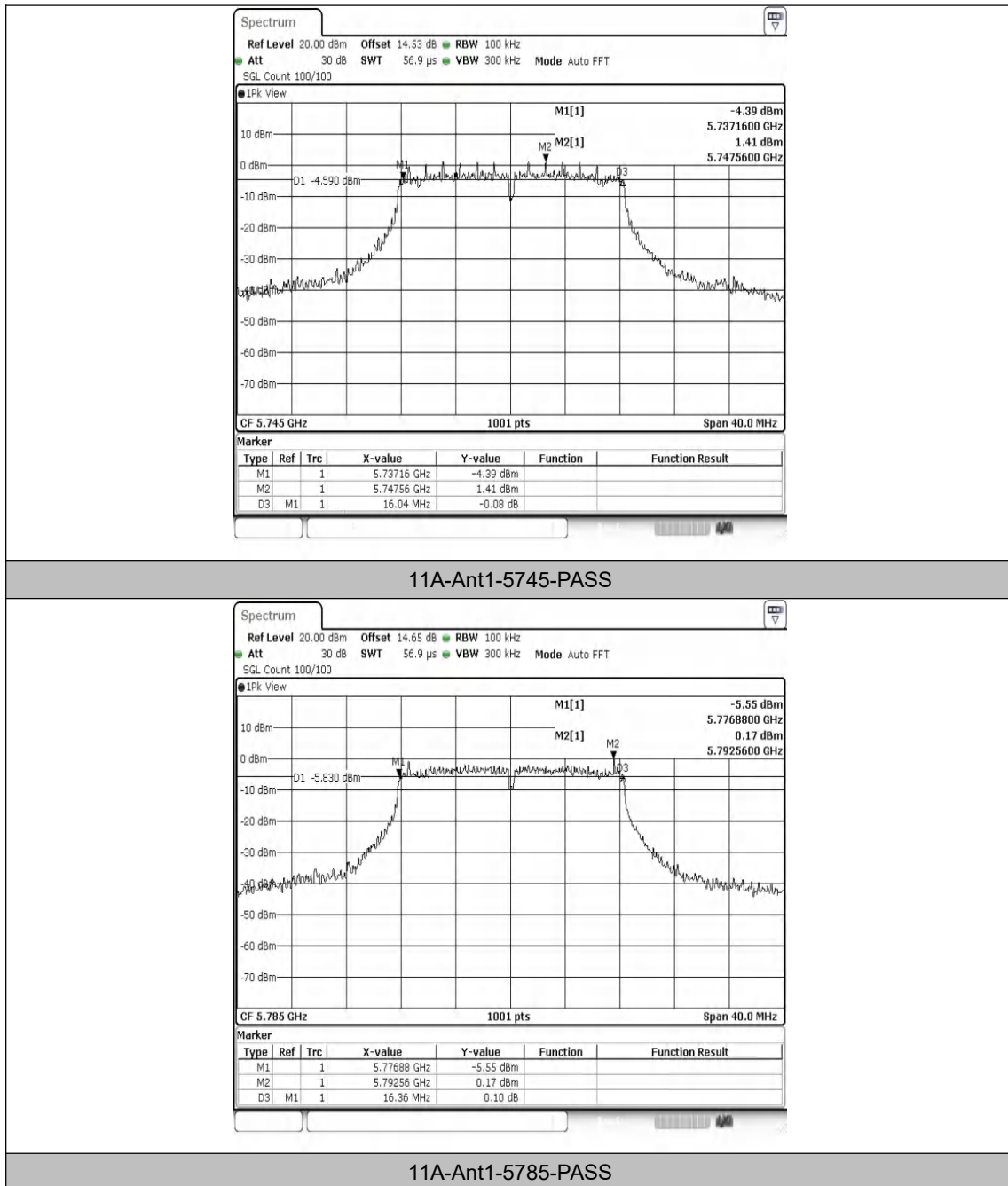
Appendix A3: Minimum 6dB Bandwidth

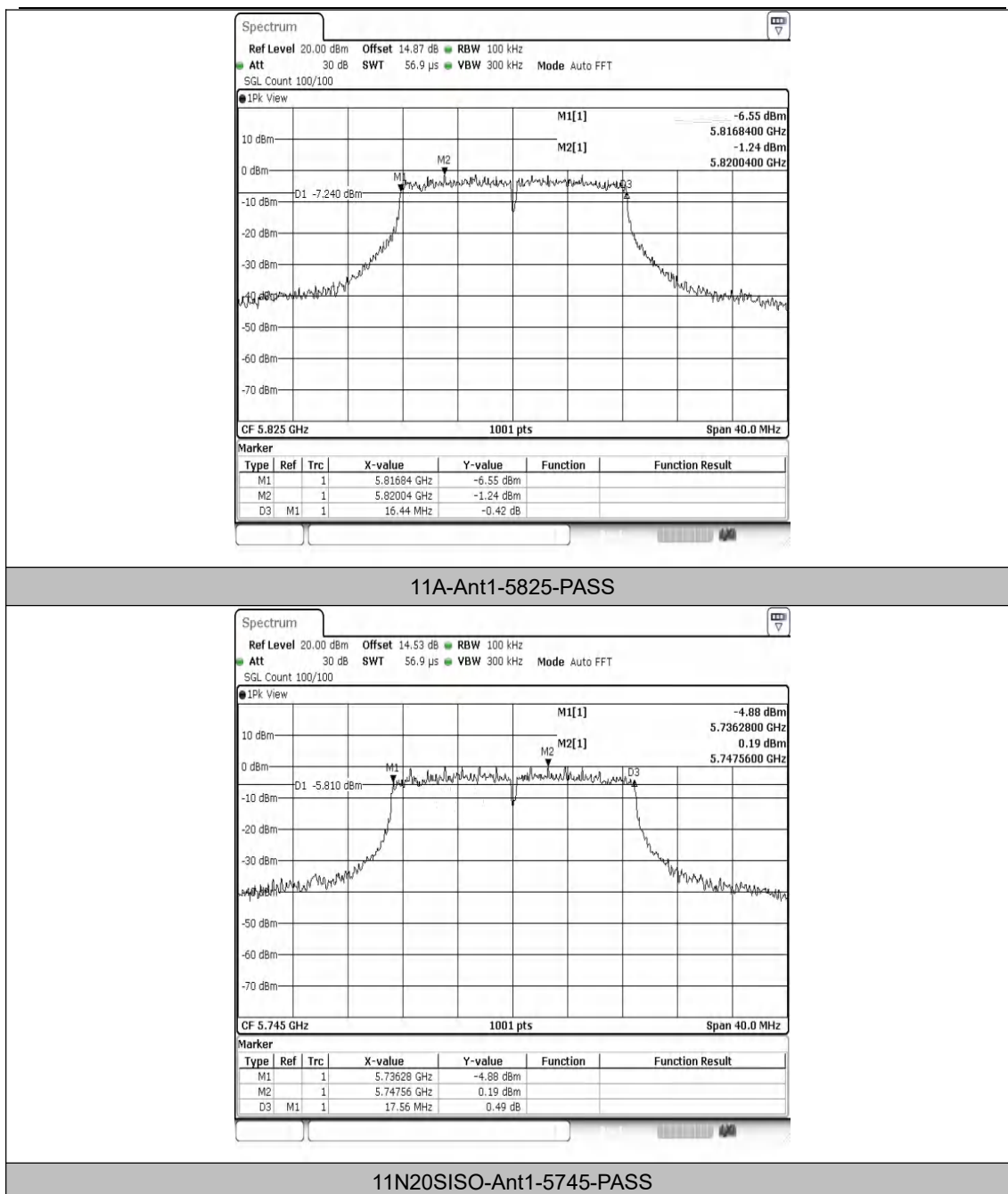
Test Result B4

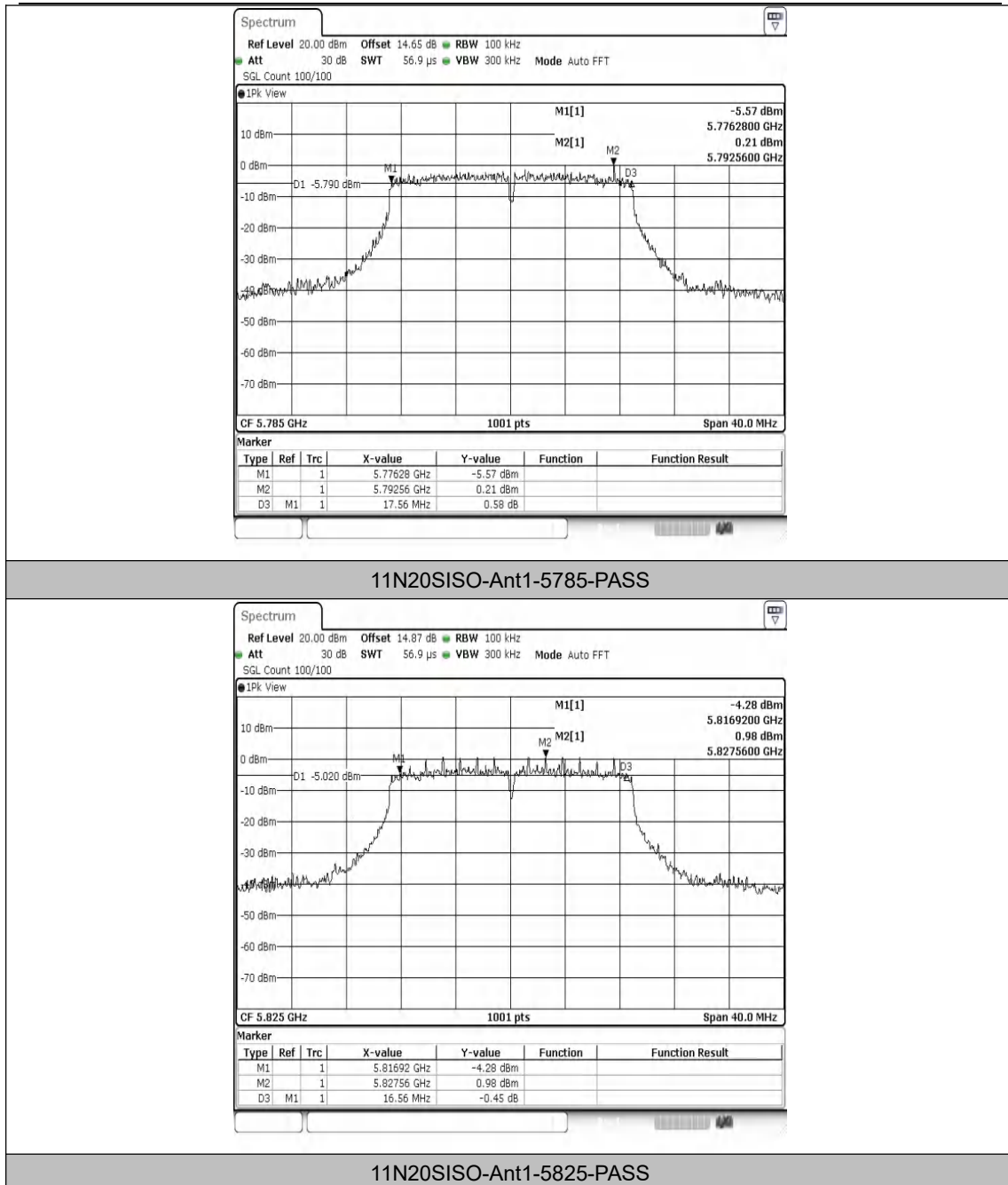
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.04	5737.16	5753.20	0.5	PASS
11A	Ant1	5785	16.36	5776.88	5793.24	0.5	PASS
11A	Ant1	5825	16.44	5816.84	5833.28	0.5	PASS
11N20SISO	Ant1	5745	17.56	5736.28	5753.84	0.5	PASS
11N20SISO	Ant1	5785	17.56	5776.28	5793.84	0.5	PASS
11N20SISO	Ant1	5825	16.56	5816.92	5833.48	0.5	PASS
11N40SISO	Ant1	5755	36.32	5736.92	5773.24	0.5	PASS
11N40SISO	Ant1	5795	35.92	5776.92	5812.84	0.5	PASS

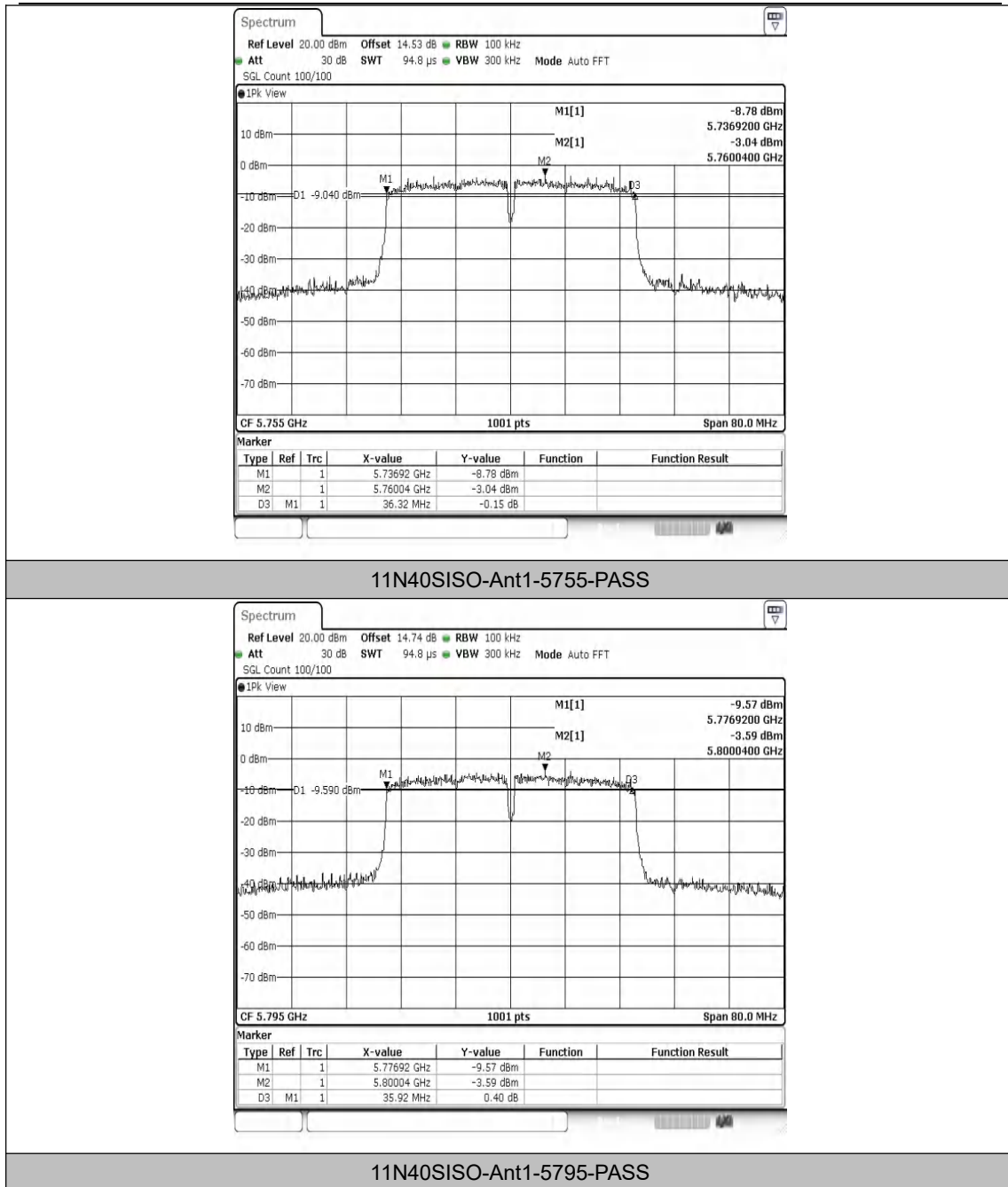


Test Graphs B4









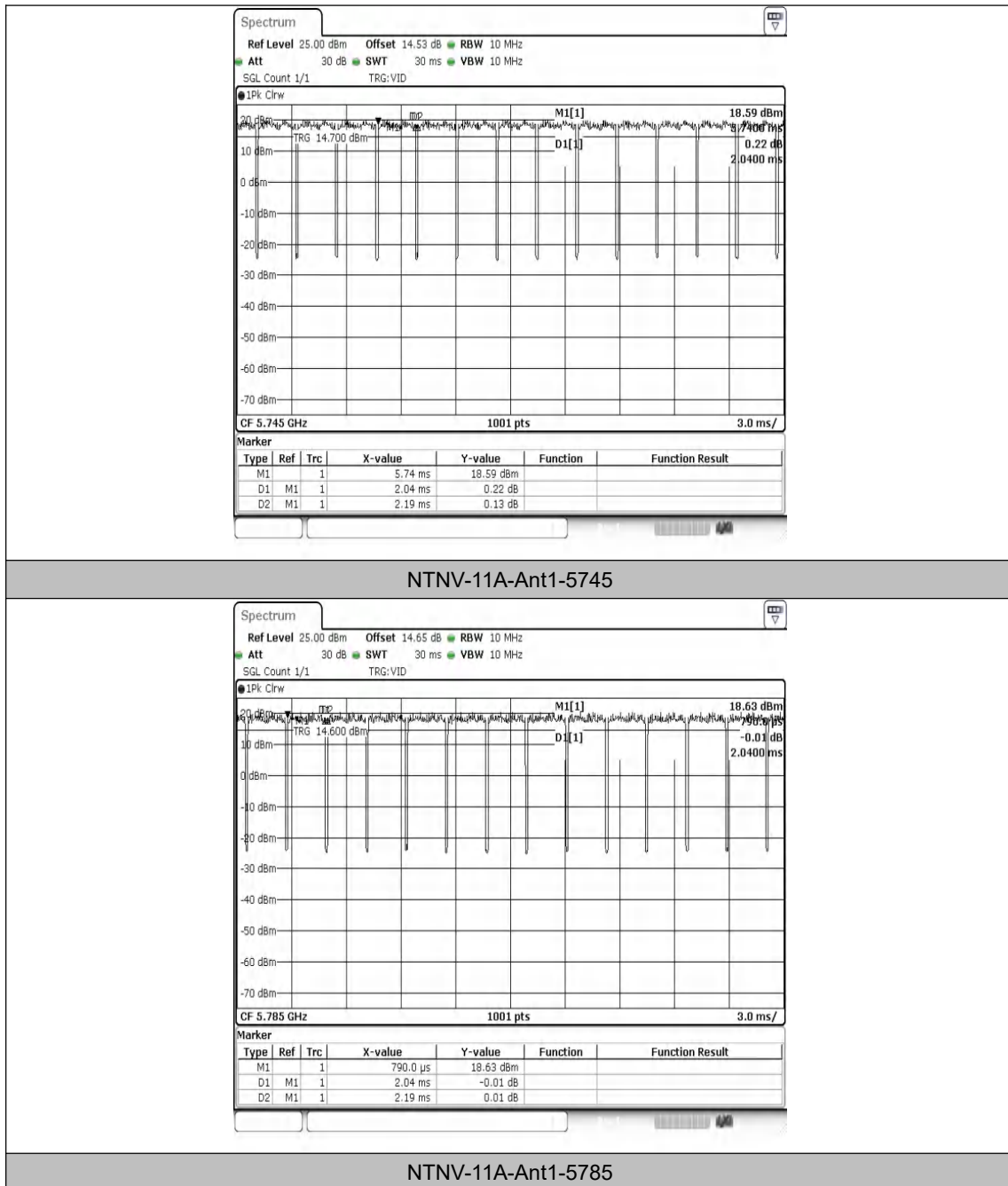
Appendix B: Duty Cycle

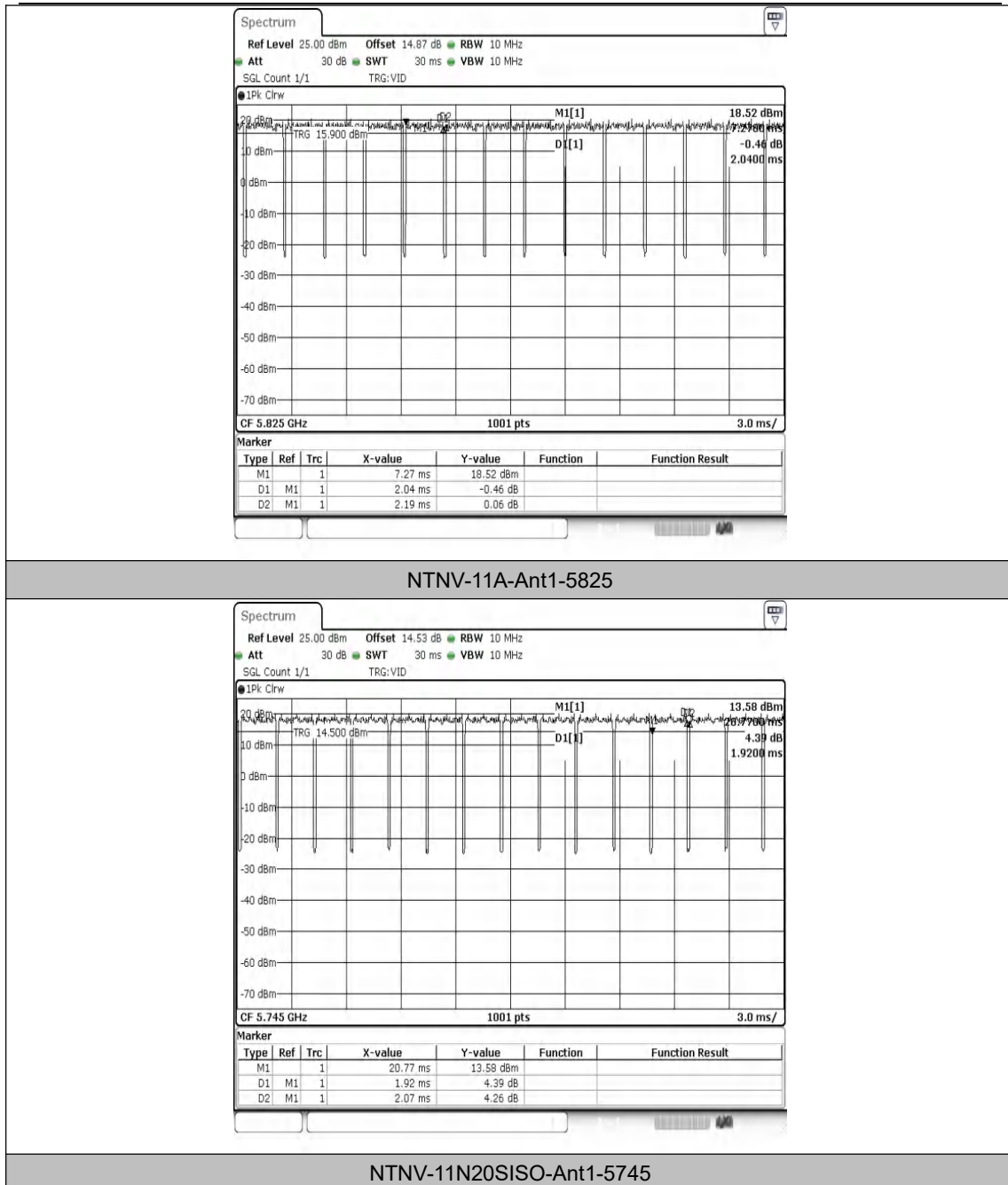
Test Result

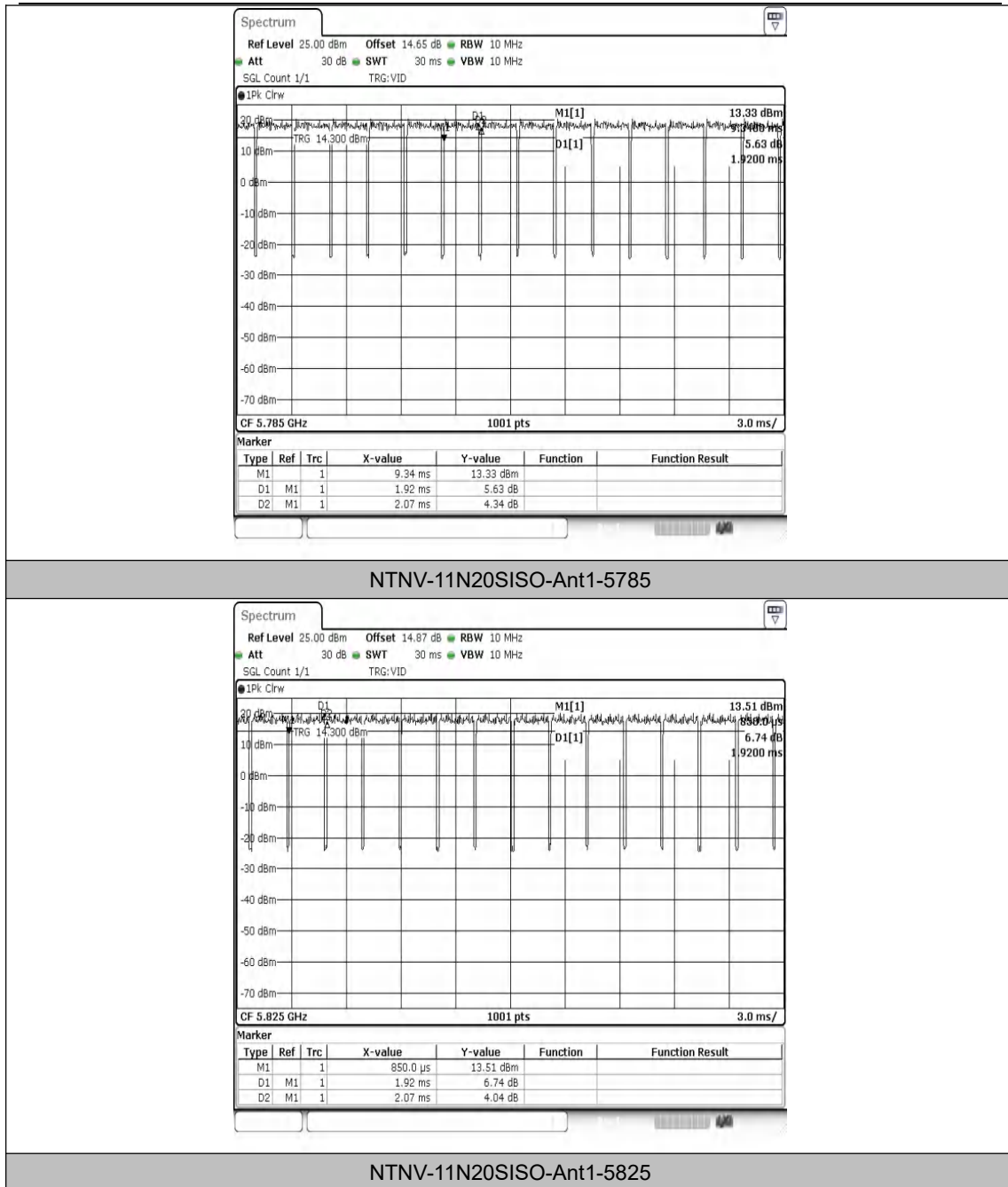
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11A	Ant1	5745	2.04	2.19	93.15	0.31	0.49
11A	Ant1	5785	2.04	2.19	93.15	0.31	0.49
11A	Ant1	5825	2.04	2.19	93.15	0.31	0.49
11N20SISO	Ant1	5745	1.92	2.07	92.75	0.33	0.52
11N20SISO	Ant1	5785	1.92	2.07	92.75	0.33	0.52
11N20SISO	Ant1	5825	1.92	2.07	92.75	0.33	0.52
11N40SISO	Ant1	5755	0.93	1.08	86.11	0.65	1.08
11N40SISO	Ant1	5795	0.93	1.08	86.11	0.65	1.08

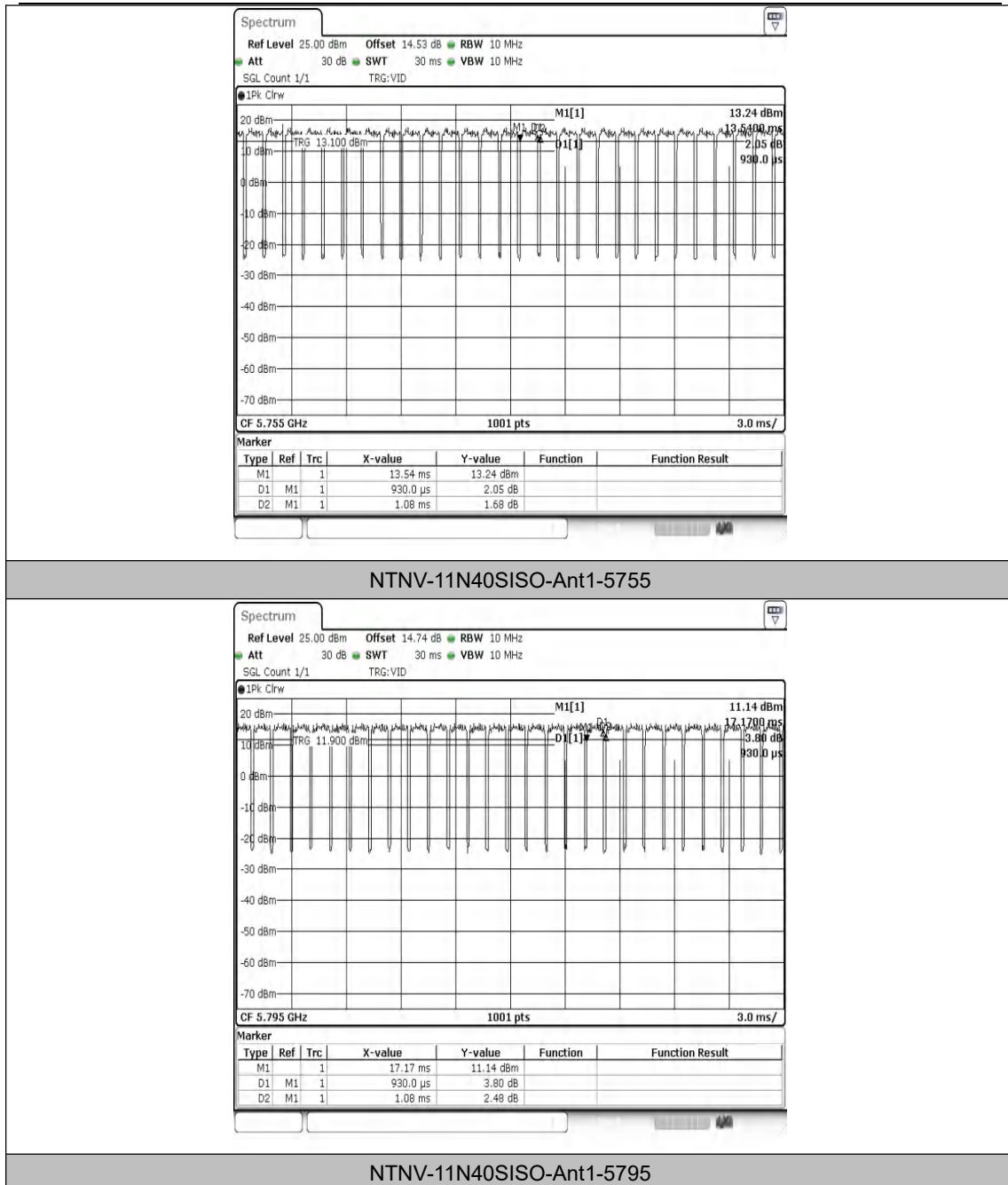


Test Graphs









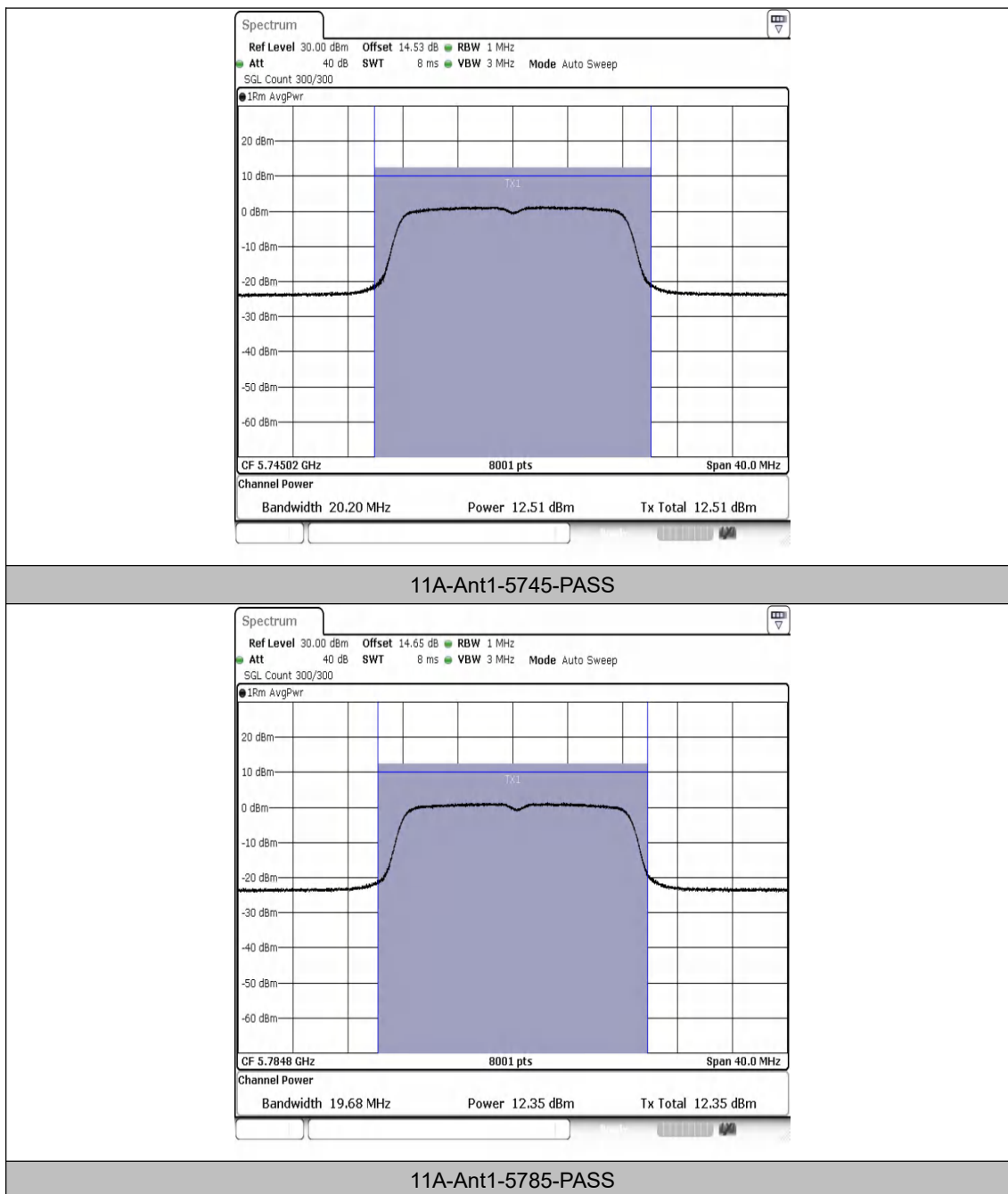
Appendix C: Maximum Conducted Output Power

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	5745	---	12.51	93.15	0.31	12.82	≤30.00	PASS
11A	Ant1	5785	---	12.35	93.15	0.31	12.66	≤30.00	PASS
11A	Ant1	5825	---	12.23	93.15	0.31	12.54	≤30.00	PASS
11N20SISO	Ant1	5745	---	12.61	92.75	0.33	12.94	≤30.00	PASS
11N20SISO	Ant1	5785	---	12.30	92.75	0.33	12.63	≤30.00	PASS
11N20SISO	Ant1	5825	---	12.11	92.75	0.33	12.44	≤30.00	PASS
11N40SISO	Ant1	5755	---	12.47	86.11	0.65	13.12	≤30.00	PASS
11N40SISO	Ant1	5795	---	12.07	86.11	0.65	12.72	≤30.00	PASS

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

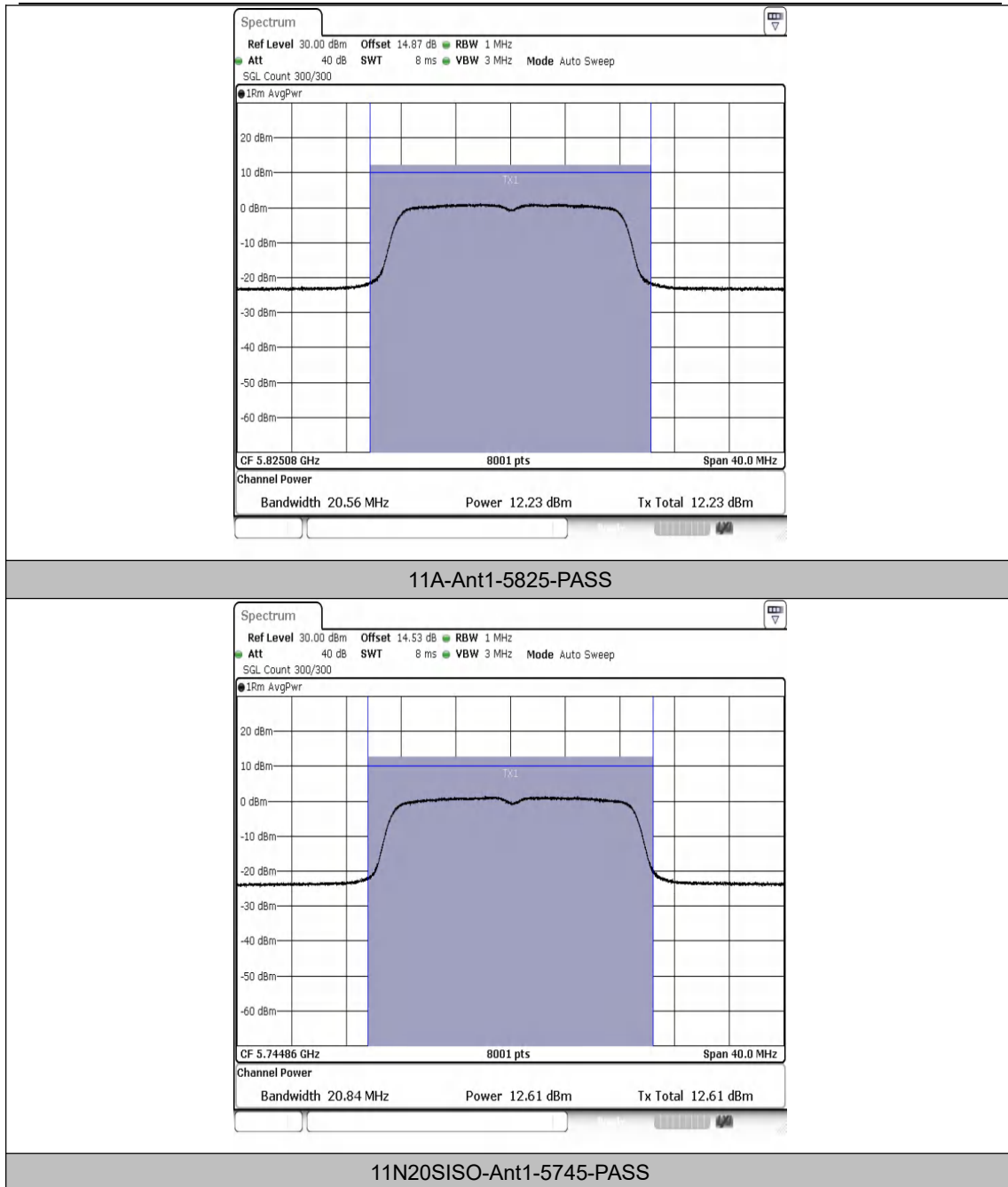
Test Graphs Channel Power



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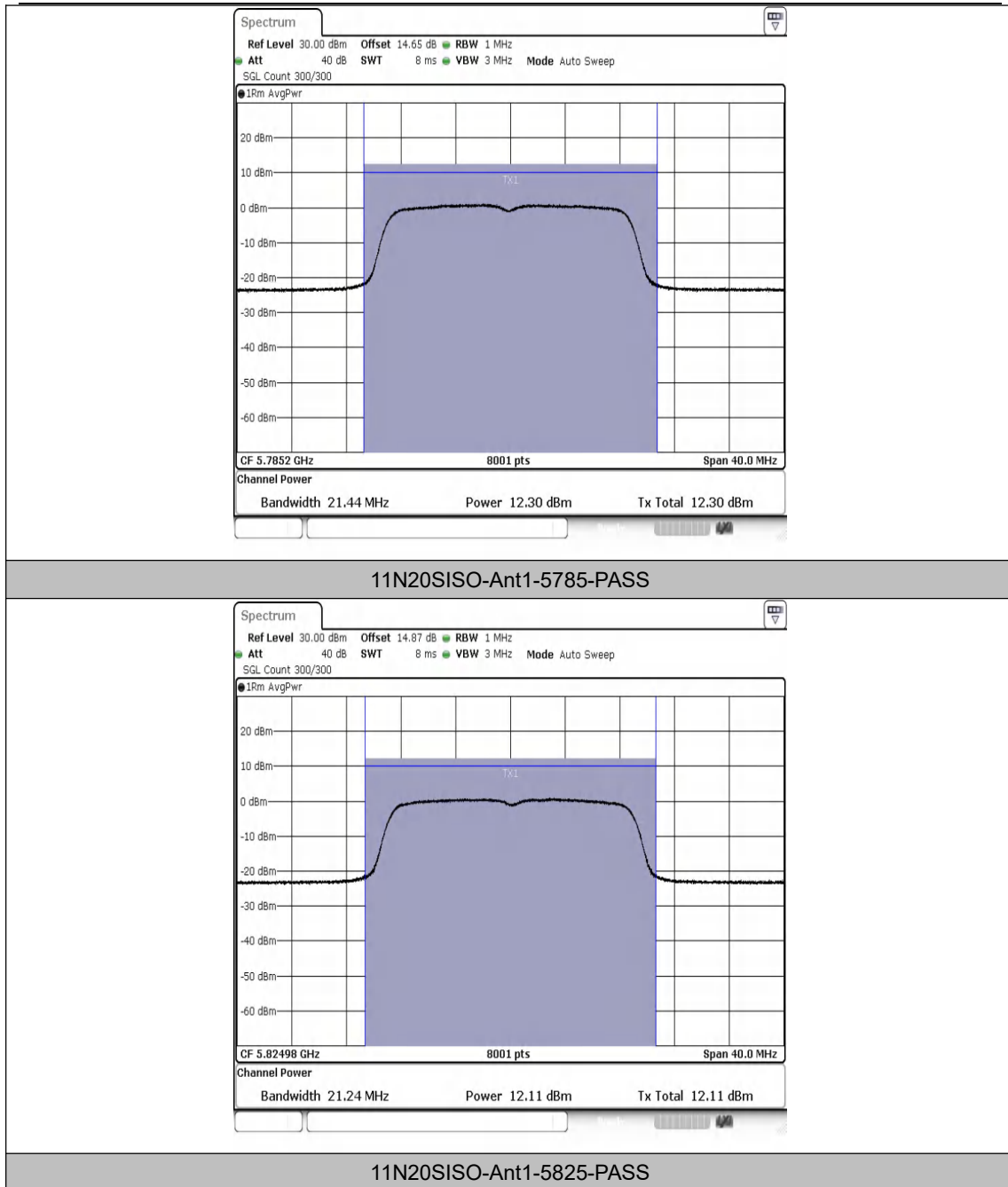
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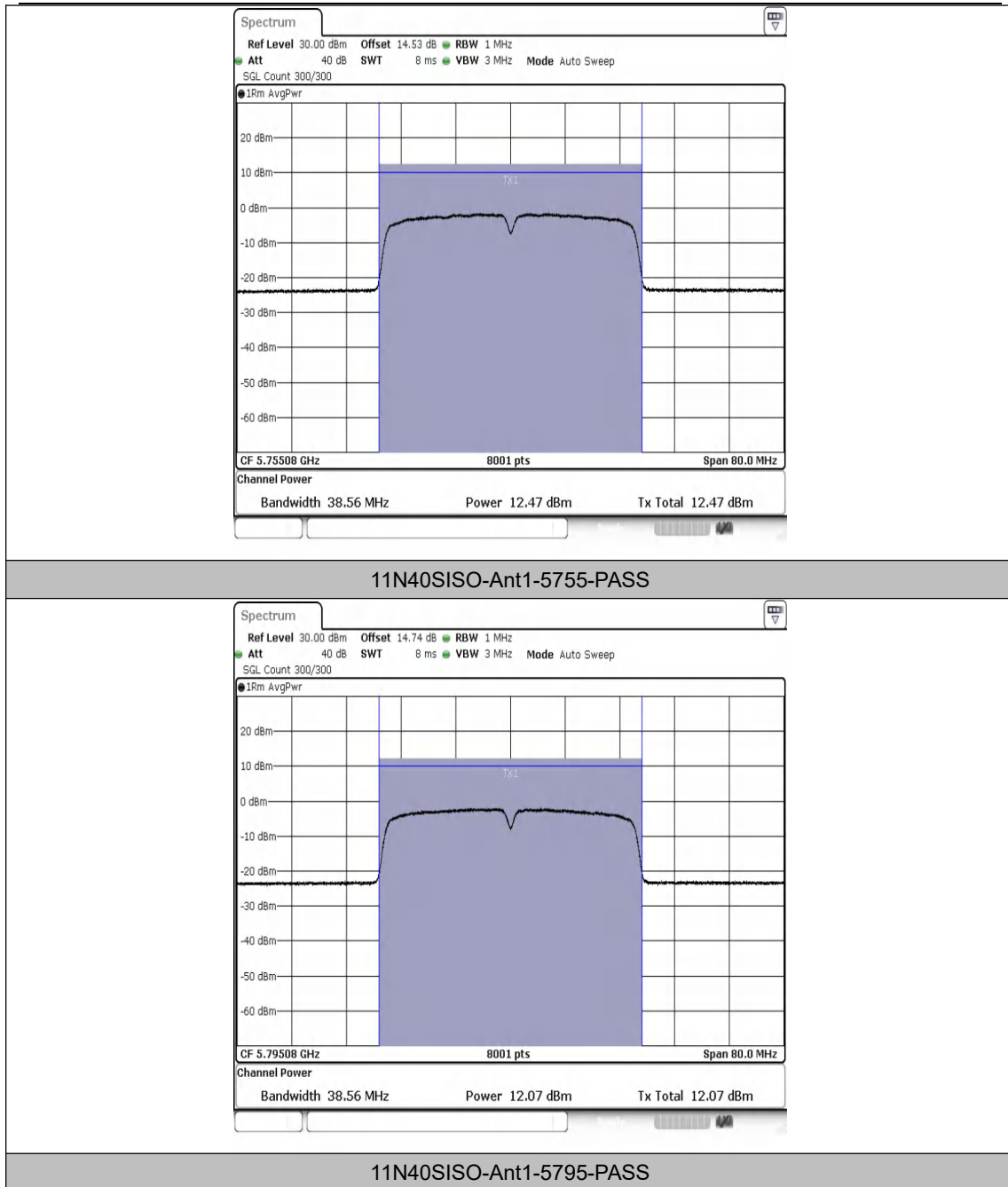
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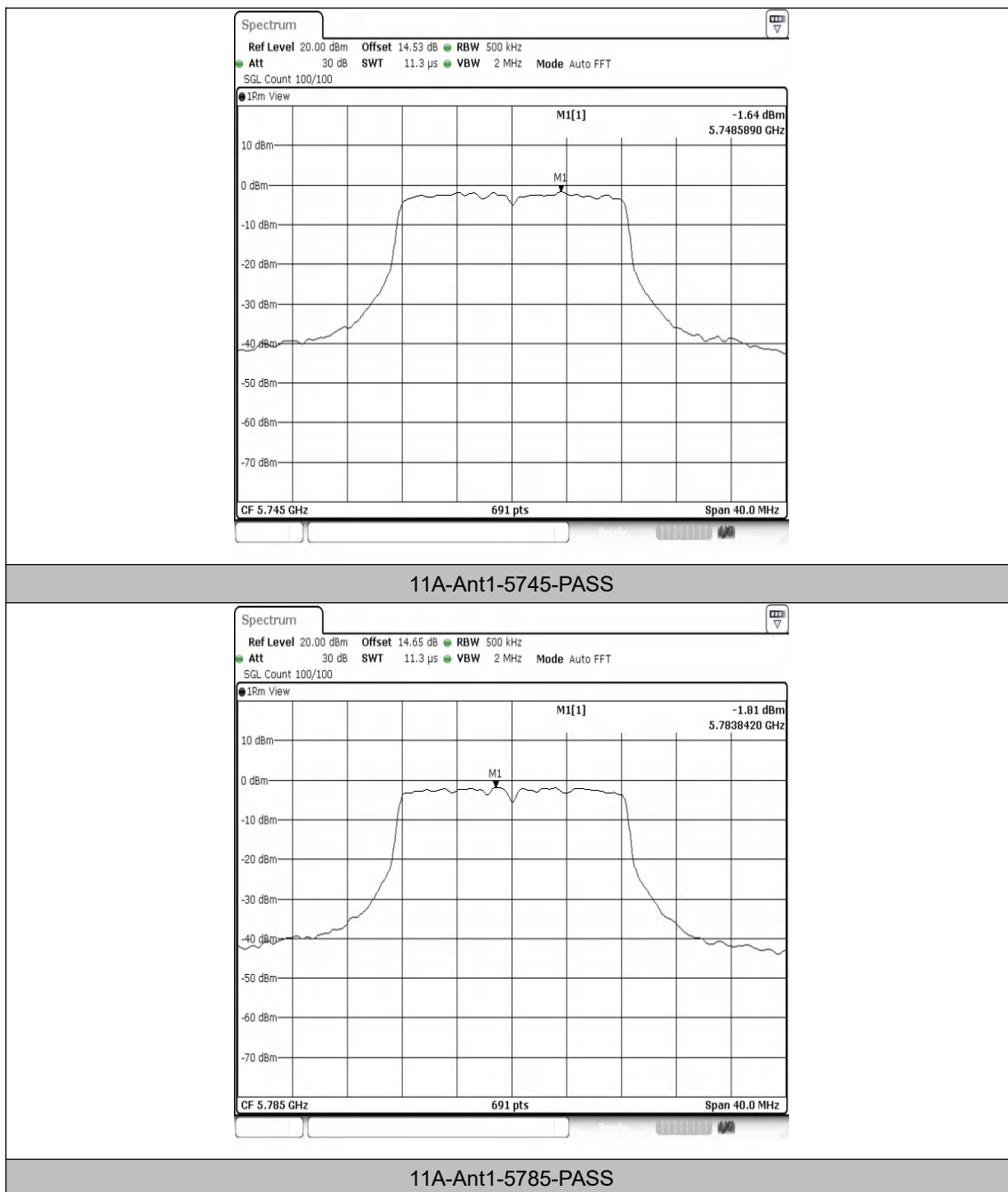
Appendix D: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result[dBm/500kHz]	DC Factor [dB]	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	-1.64	0.31	-1.33	≤30.00	PASS
11A	Ant1	5785	-1.81	0.31	-1.50	≤30.00	PASS
11A	Ant1	5825	-1.7	0.31	-1.39	≤30.00	PASS
11N20SISO	Ant1	5745	-1.52	0.33	-1.19	≤30.00	PASS
11N20SISO	Ant1	5785	-1.93	0.33	-1.60	≤30.00	PASS
11N20SISO	Ant1	5825	-2.04	0.33	-1.71	≤30.00	PASS
11N40SISO	Ant1	5755	-4.67	0.65	-4.02	≤30.00	PASS
11N40SISO	Ant1	5795	-5.12	0.65	-4.47	≤30.00	PASS

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

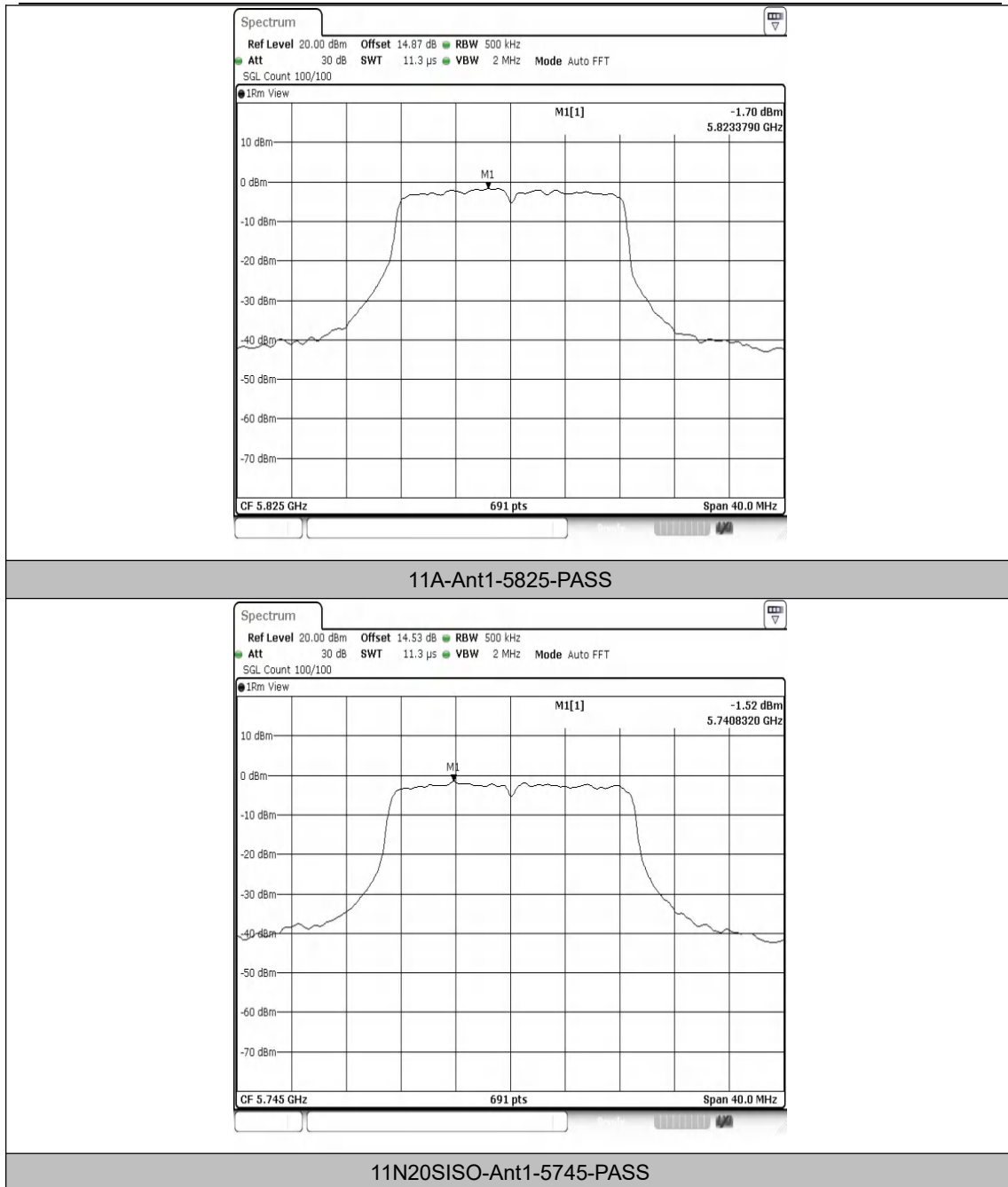
Test Graphs



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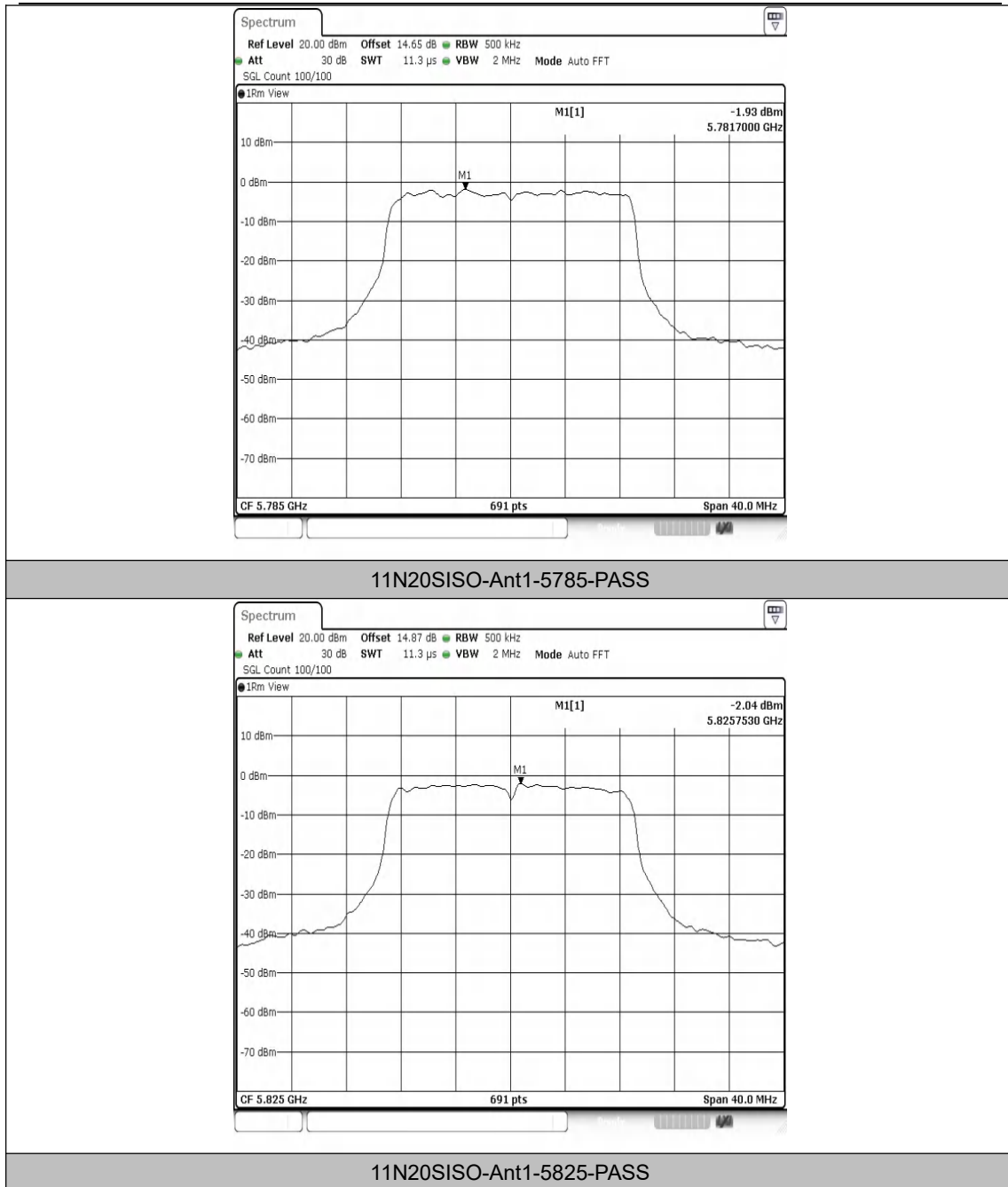
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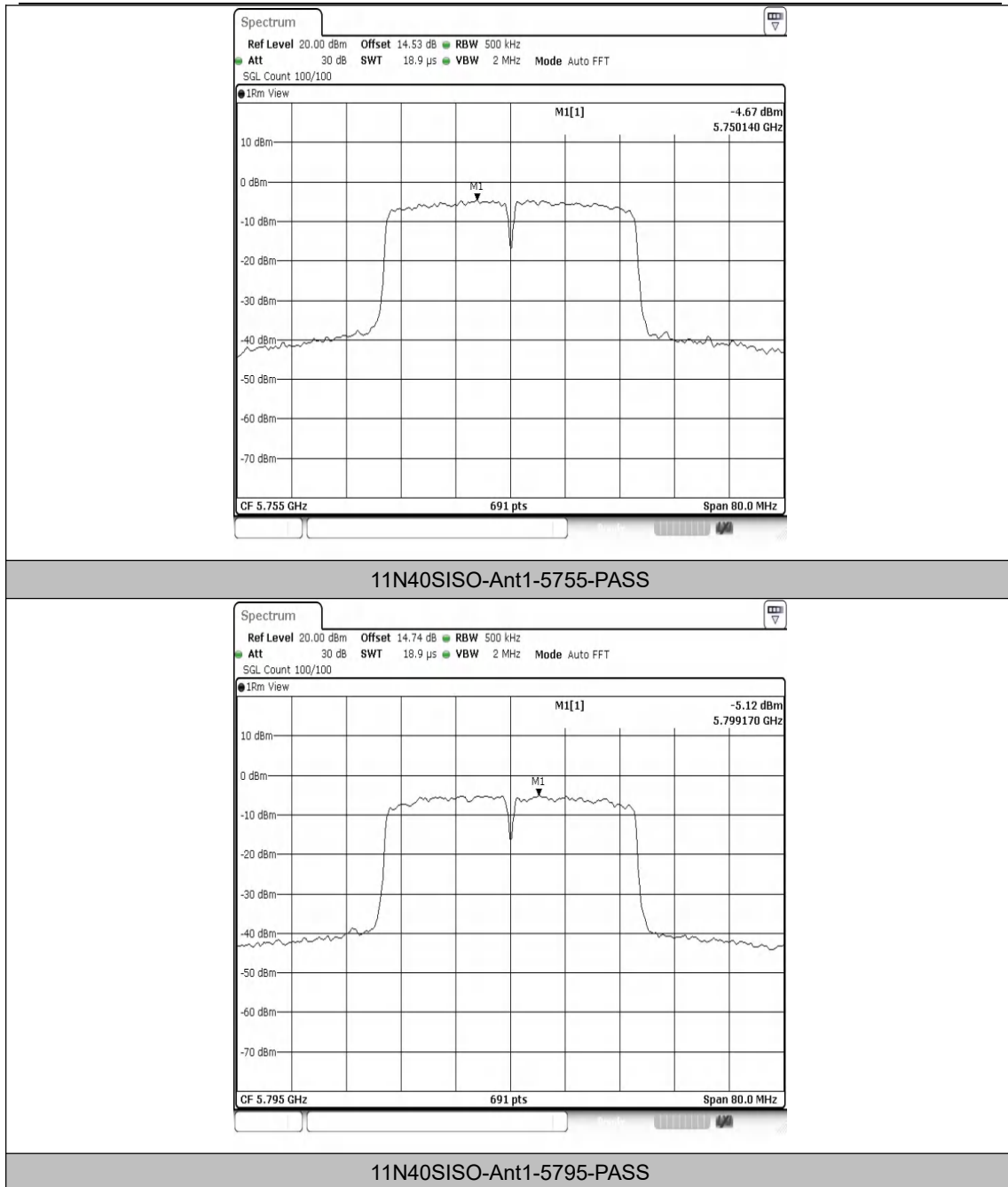


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