

Appendix Test Data

Report No.:	1812C50020712501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.15	Finish Test Date:	2025.1.21
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	22.3°C	Relative Humidity:	40%
Pressure:	101kPa		

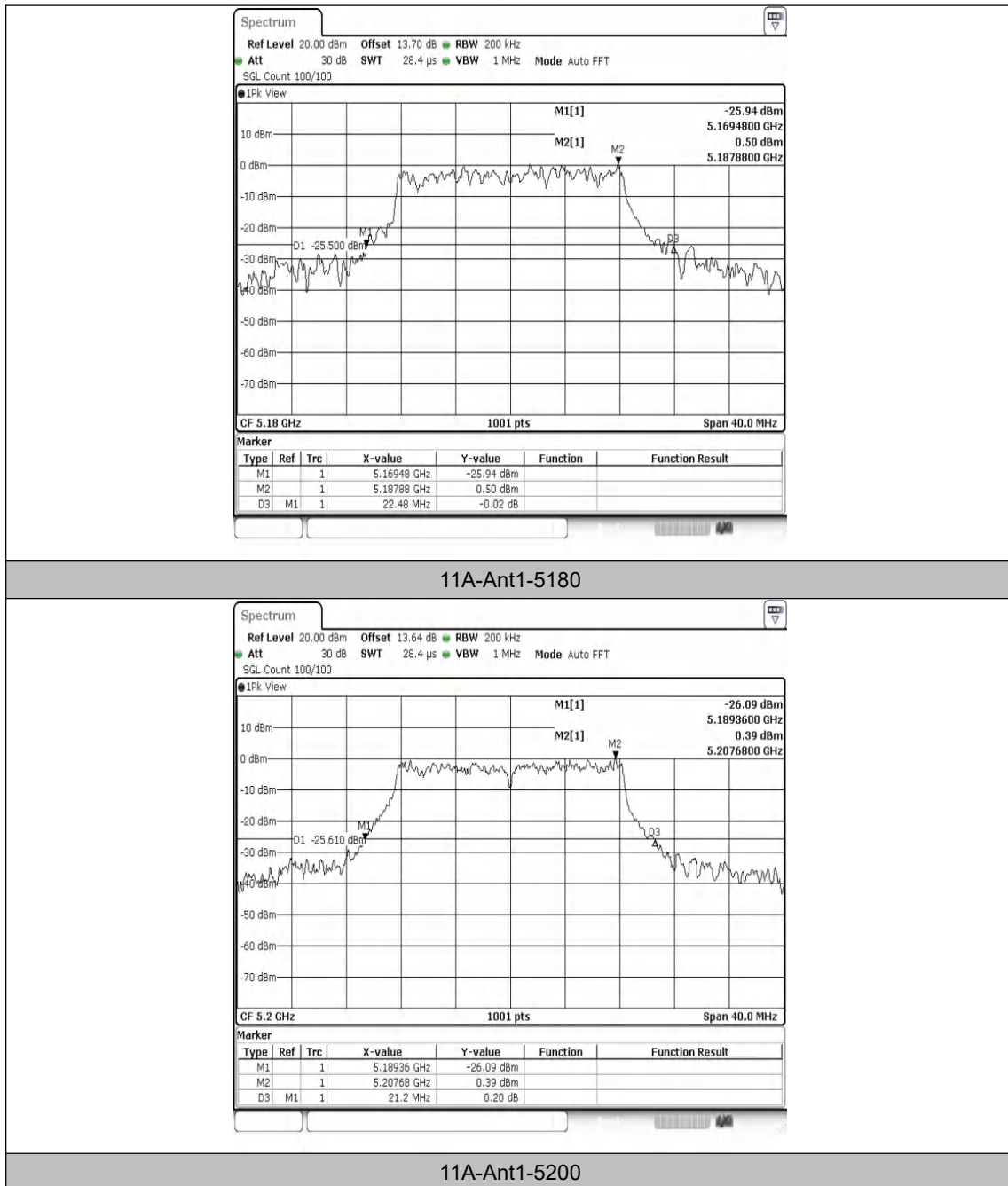
Appendix A1: 26dB Bandwidth

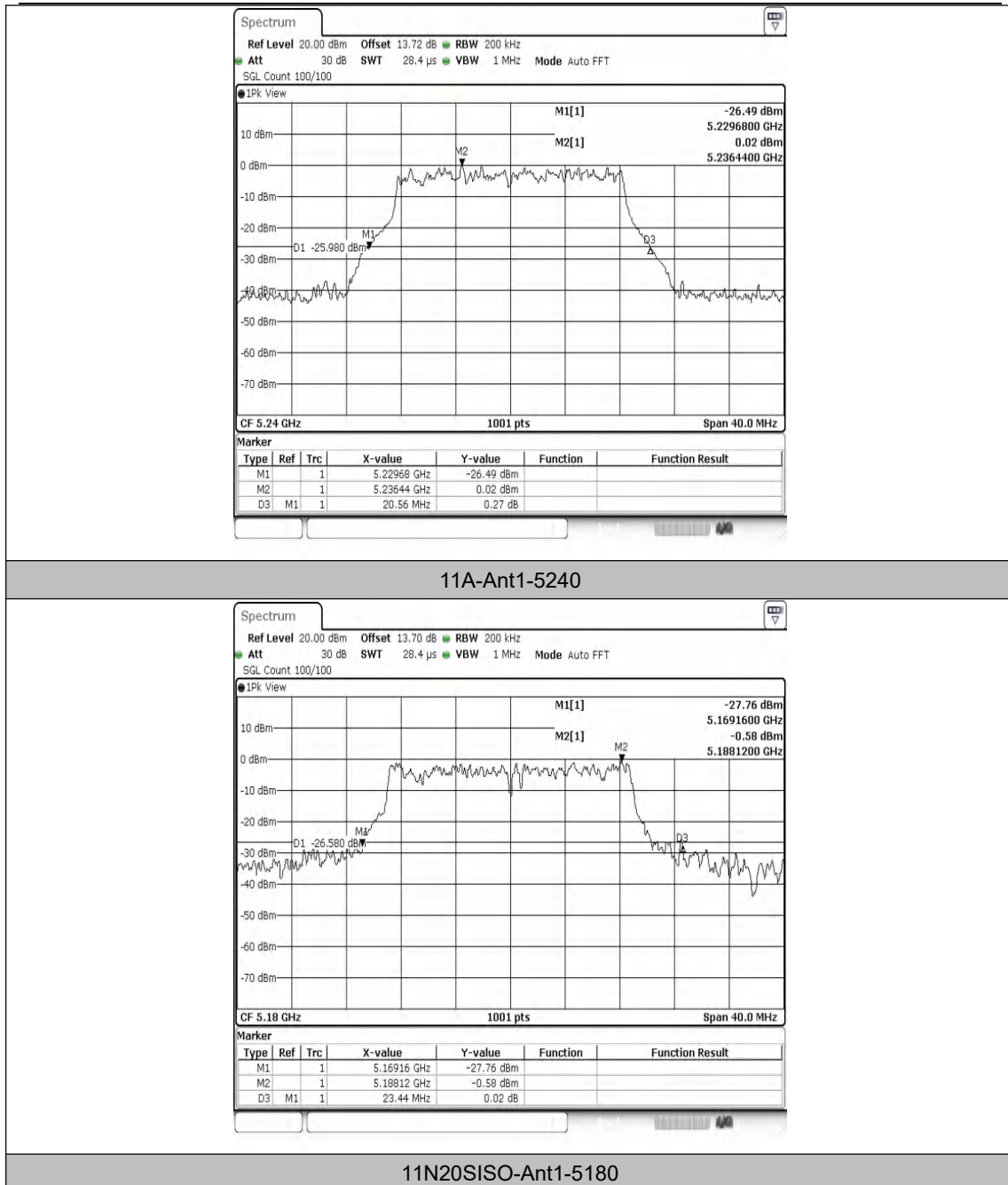
Test Result

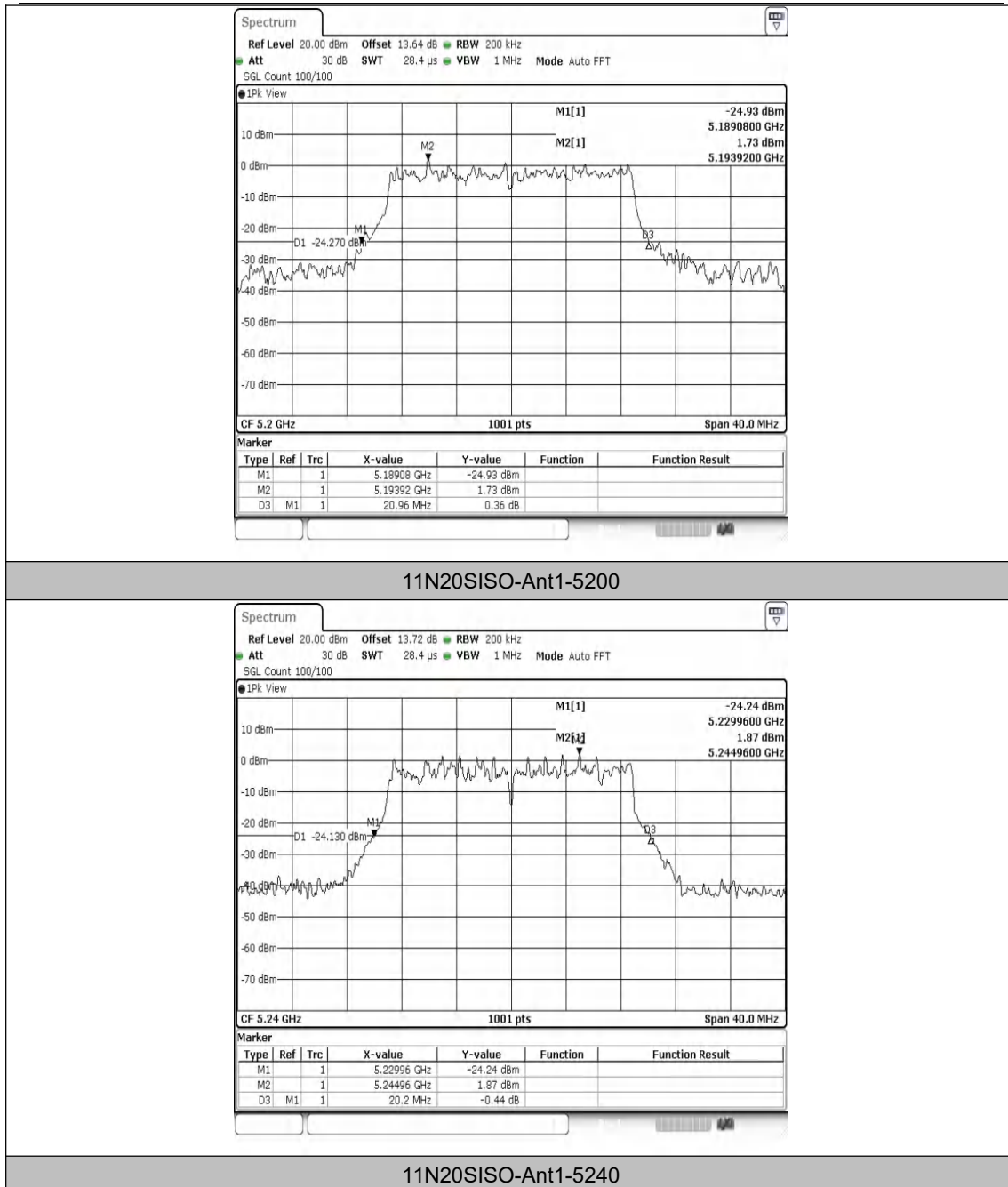
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.48	5169.48	5191.96	---	---
11A	Ant1	5200	21.20	5189.36	5210.56	---	---
11A	Ant1	5240	20.56	5229.68	5250.24	---	---
11N20SISO	Ant1	5180	23.44	5169.16	5192.60	---	---
11N20SISO	Ant1	5200	20.96	5189.08	5210.04	---	---
11N20SISO	Ant1	5240	20.20	5229.96	5250.16	---	---
11N40SISO	Ant1	5190	39.84	5170.56	5210.40	---	---
11N40SISO	Ant1	5230	39.28	5210.24	5249.52	---	---
11AC20SISO	Ant1	5180	22.36	5168.96	5191.32	---	---
11AC20SISO	Ant1	5200	21.24	5189.84	5211.08	---	---
11AC20SISO	Ant1	5240	21.16	5229.56	5250.72	---	---
11AC40SISO	Ant1	5190	39.76	5170.16	5209.92	---	---
11AC40SISO	Ant1	5230	39.28	5210.56	5249.84	---	---
11AC80SISO	Ant1	5210	79.20	5170.16	5249.36	---	---

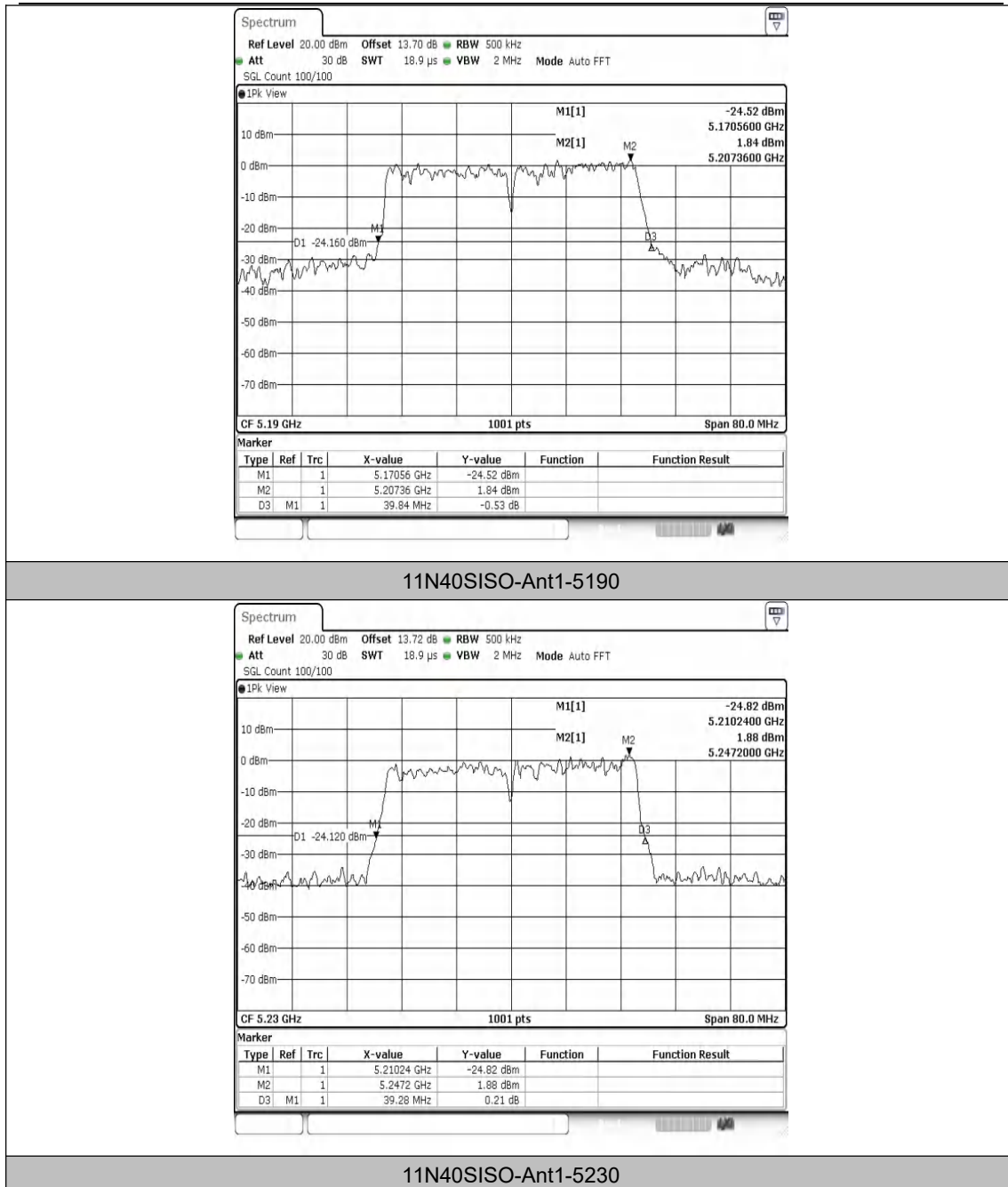


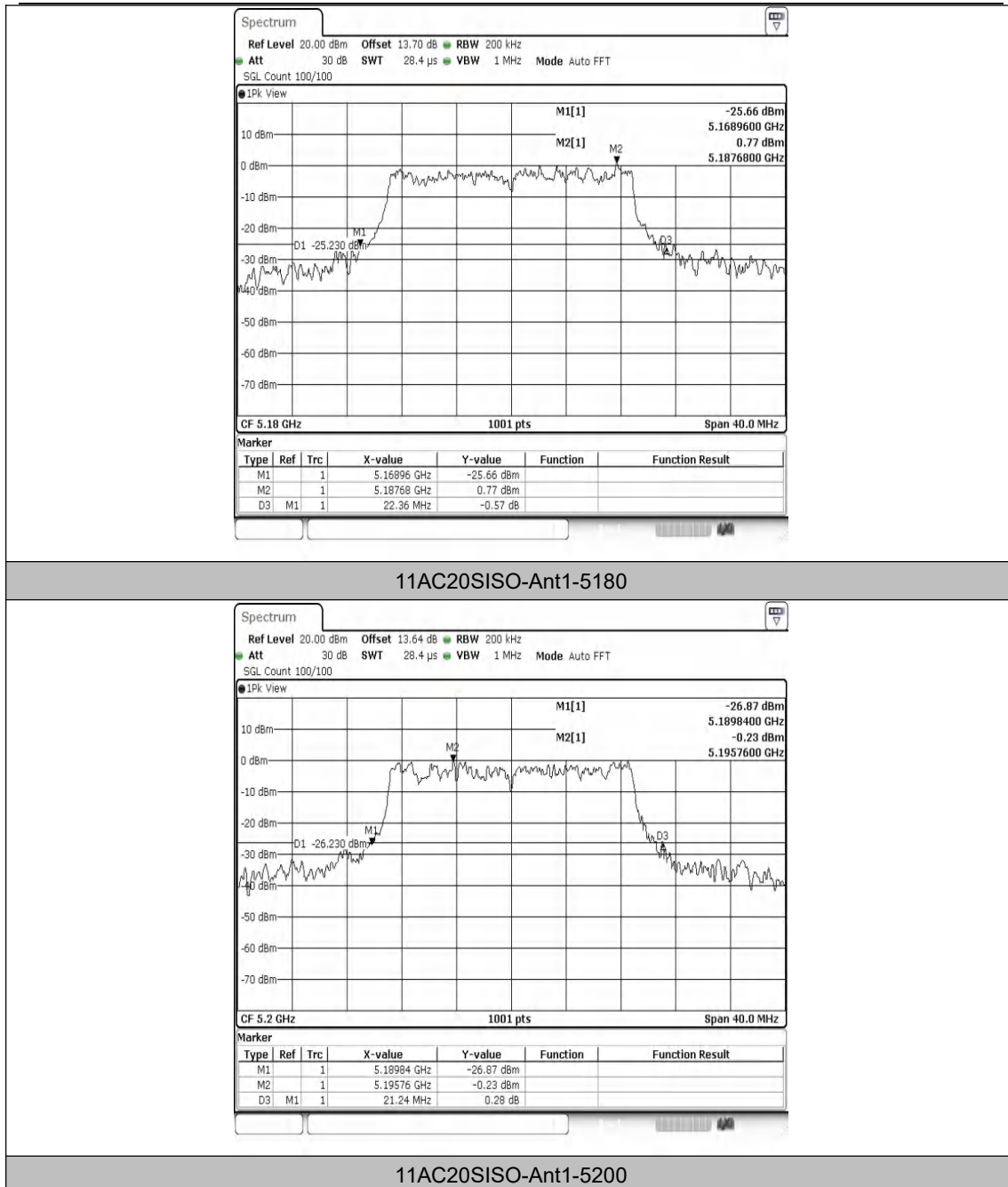
Test Graphs

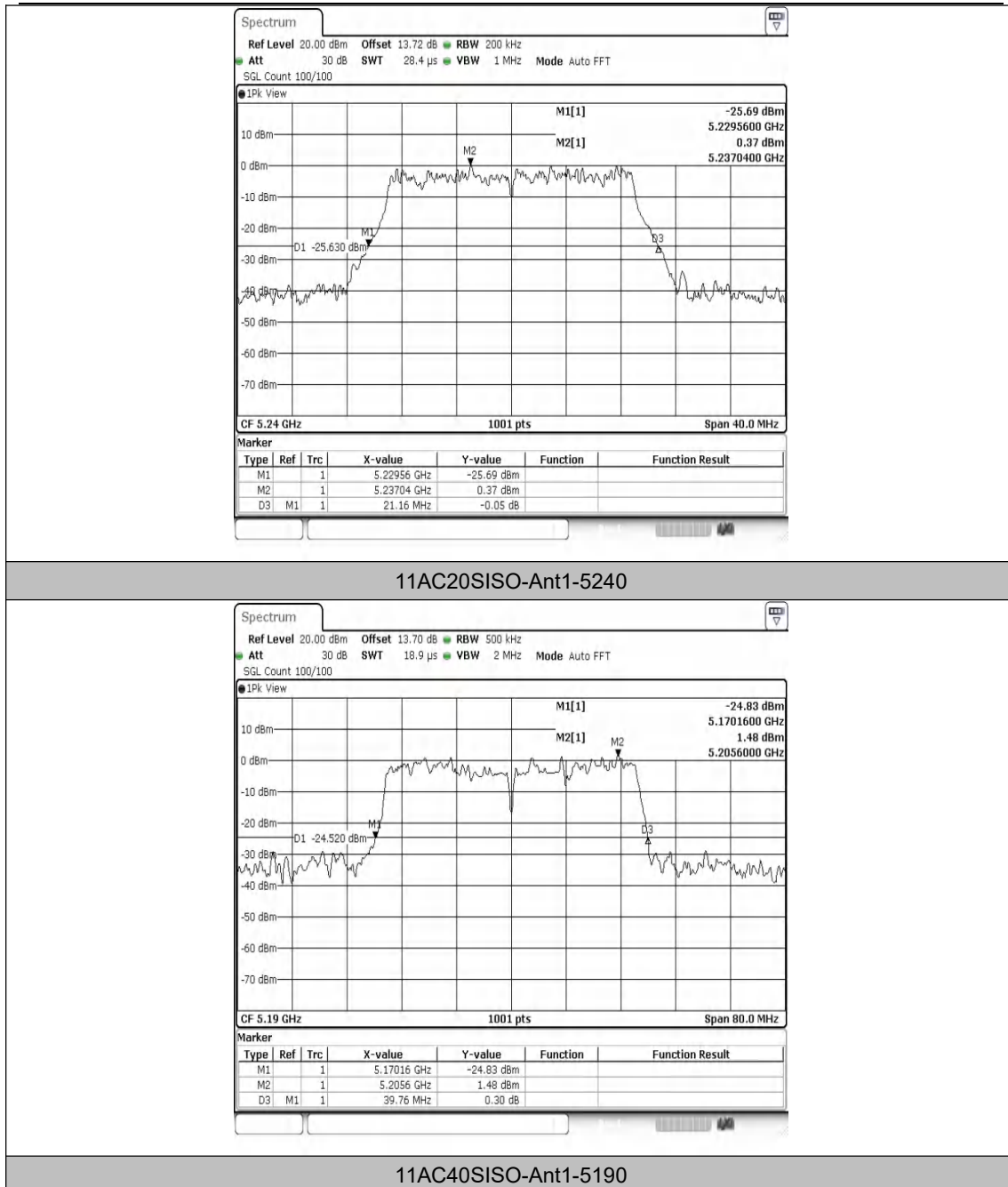


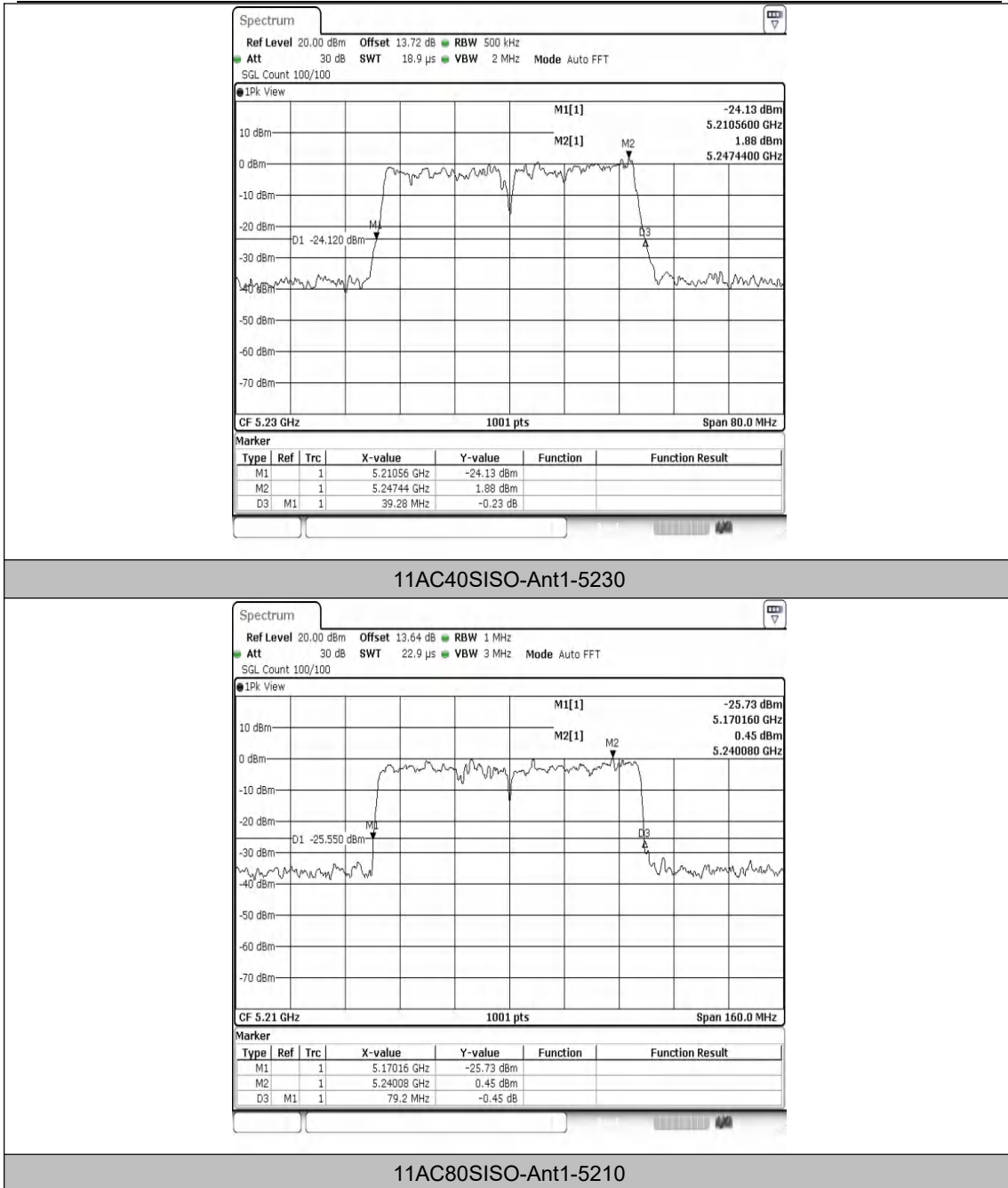












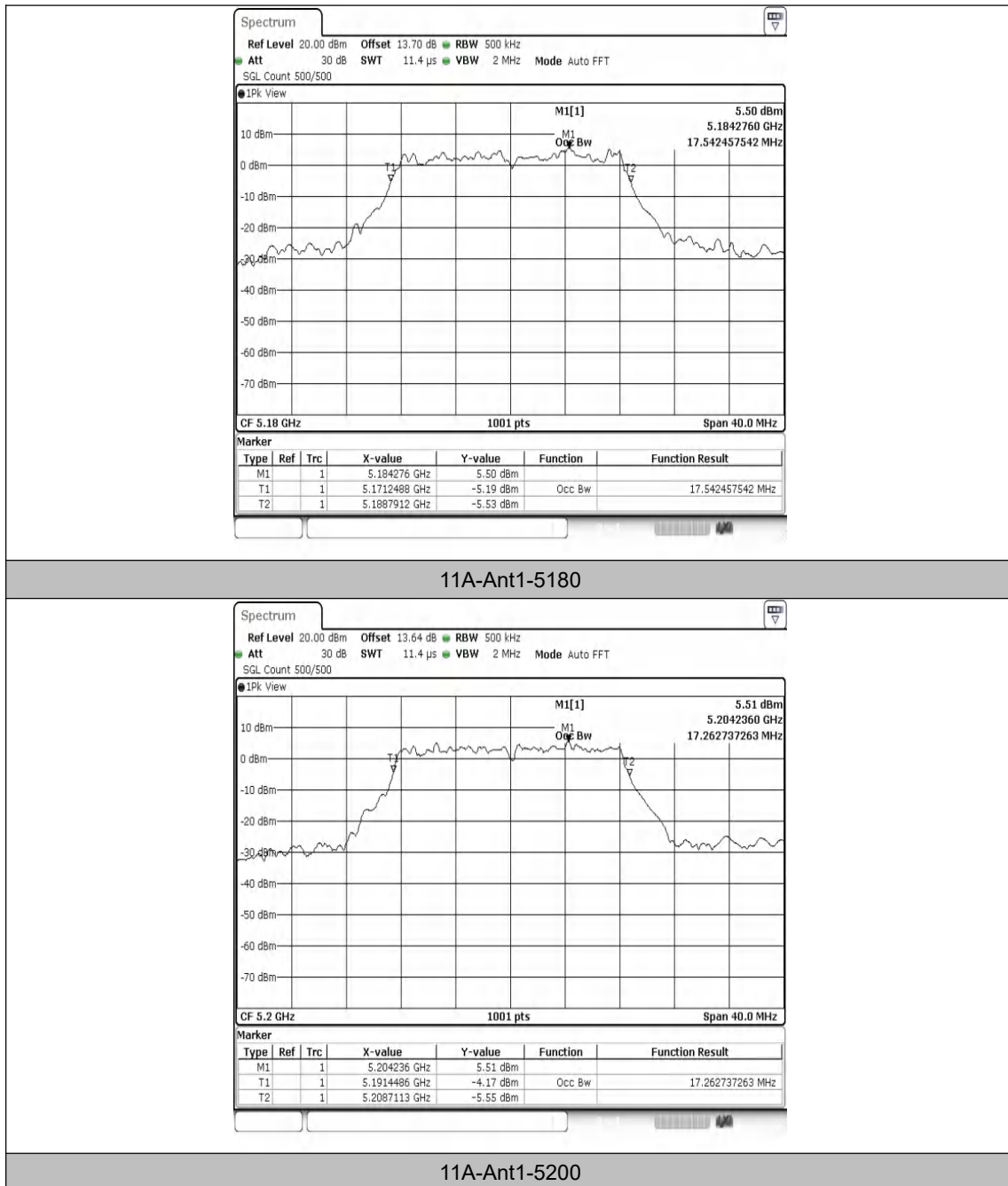
Appendix A2: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.542	5171.2488	5188.7912	---	---
11A	Ant1	5200	17.263	5191.4486	5208.7113	---	---
11A	Ant1	5240	18.102	5230.8092	5248.9111	---	---
11N20SISO	Ant1	5180	18.501	5170.8092	5189.3107	---	---
11N20SISO	Ant1	5200	18.462	5190.5694	5209.0310	---	---
11N20SISO	Ant1	5240	18.102	5230.8092	5248.9111	---	---
11N40SISO	Ant1	5190	37.003	5171.7782	5208.7812	---	---
11N40SISO	Ant1	5230	37.003	5211.4585	5248.4615	---	---
11AC20SISO	Ant1	5180	18.222	5170.9291	5189.1508	---	---
11AC20SISO	Ant1	5200	18.462	5190.8492	5209.3107	---	---
11AC20SISO	Ant1	5240	18.741	5230.5295	5249.2707	---	---
11AC40SISO	Ant1	5190	36.603	5171.6983	5208.3017	---	---
11AC40SISO	Ant1	5230	37.003	5211.7782	5248.7812	---	---
11AC80SISO	Ant1	5210	76.244	5171.9580	5248.2018	---	---



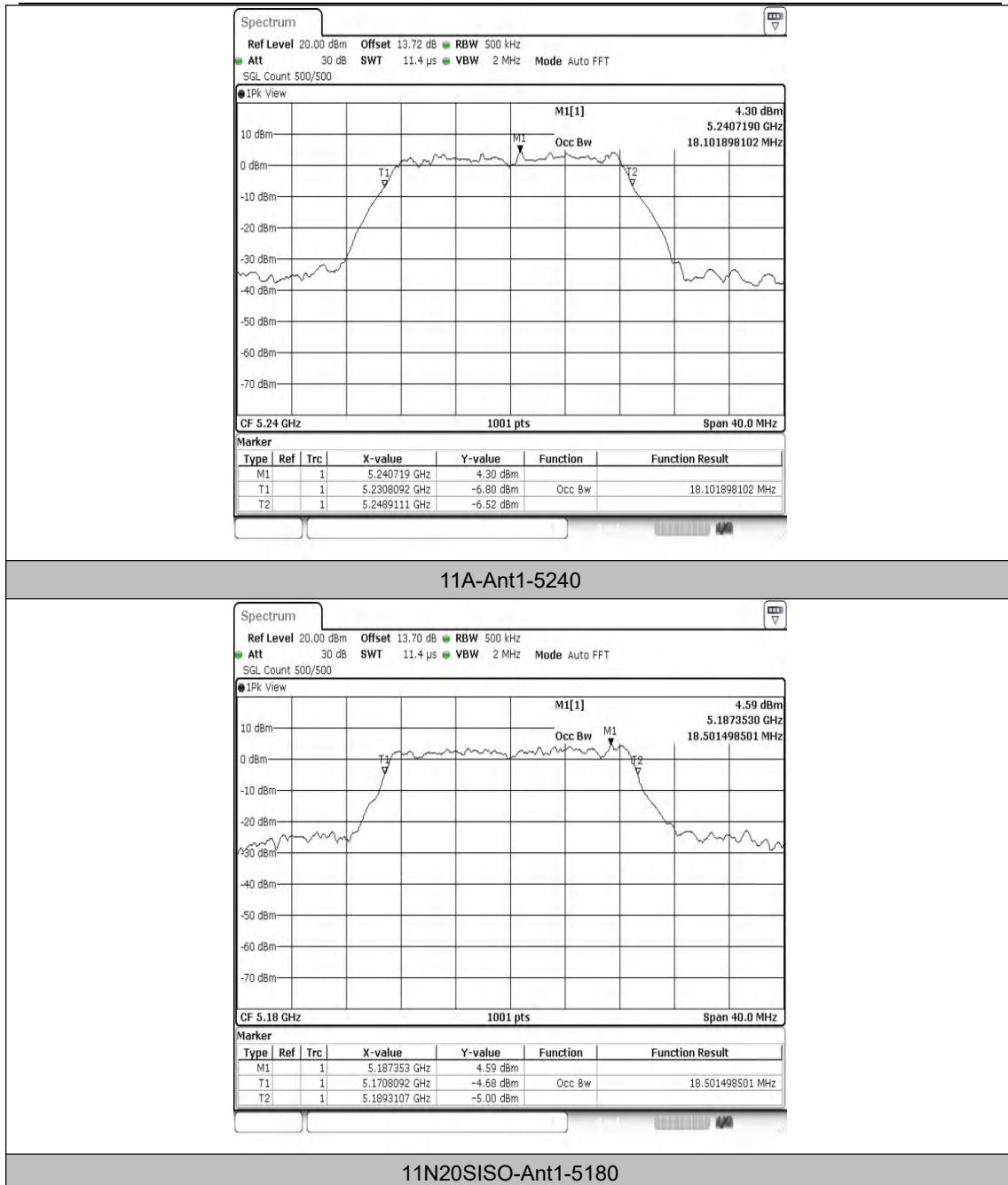
Test Graphs

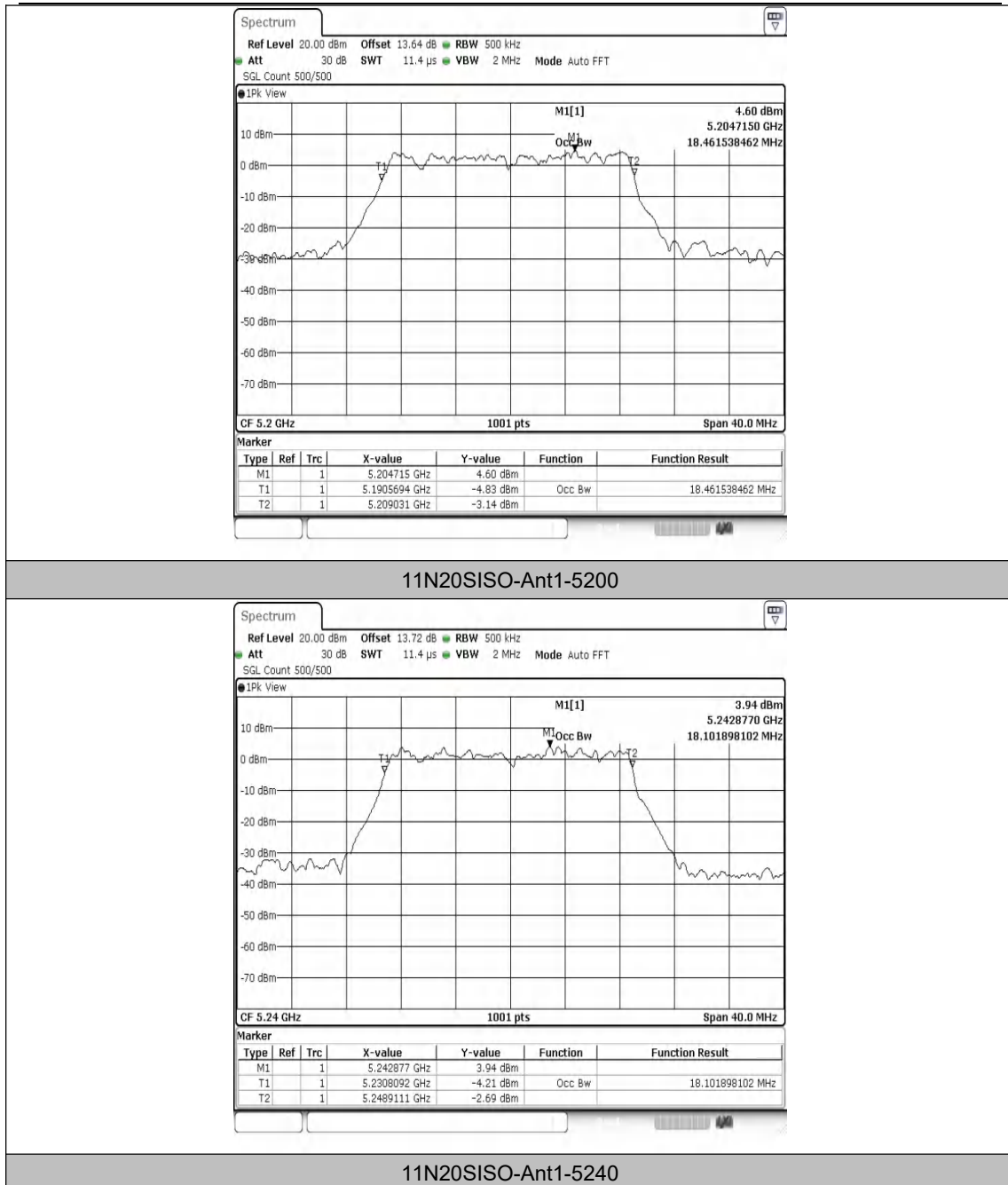


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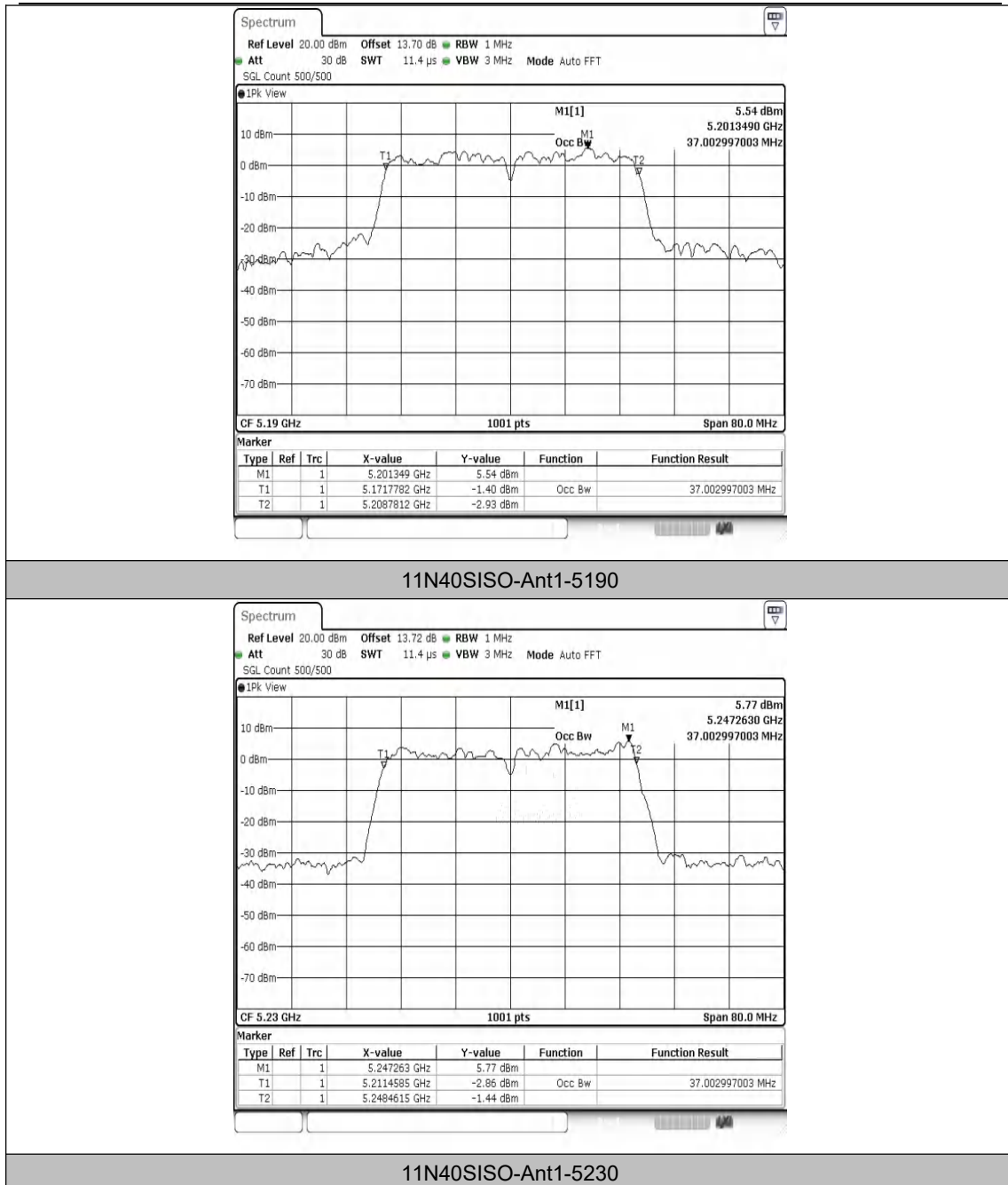


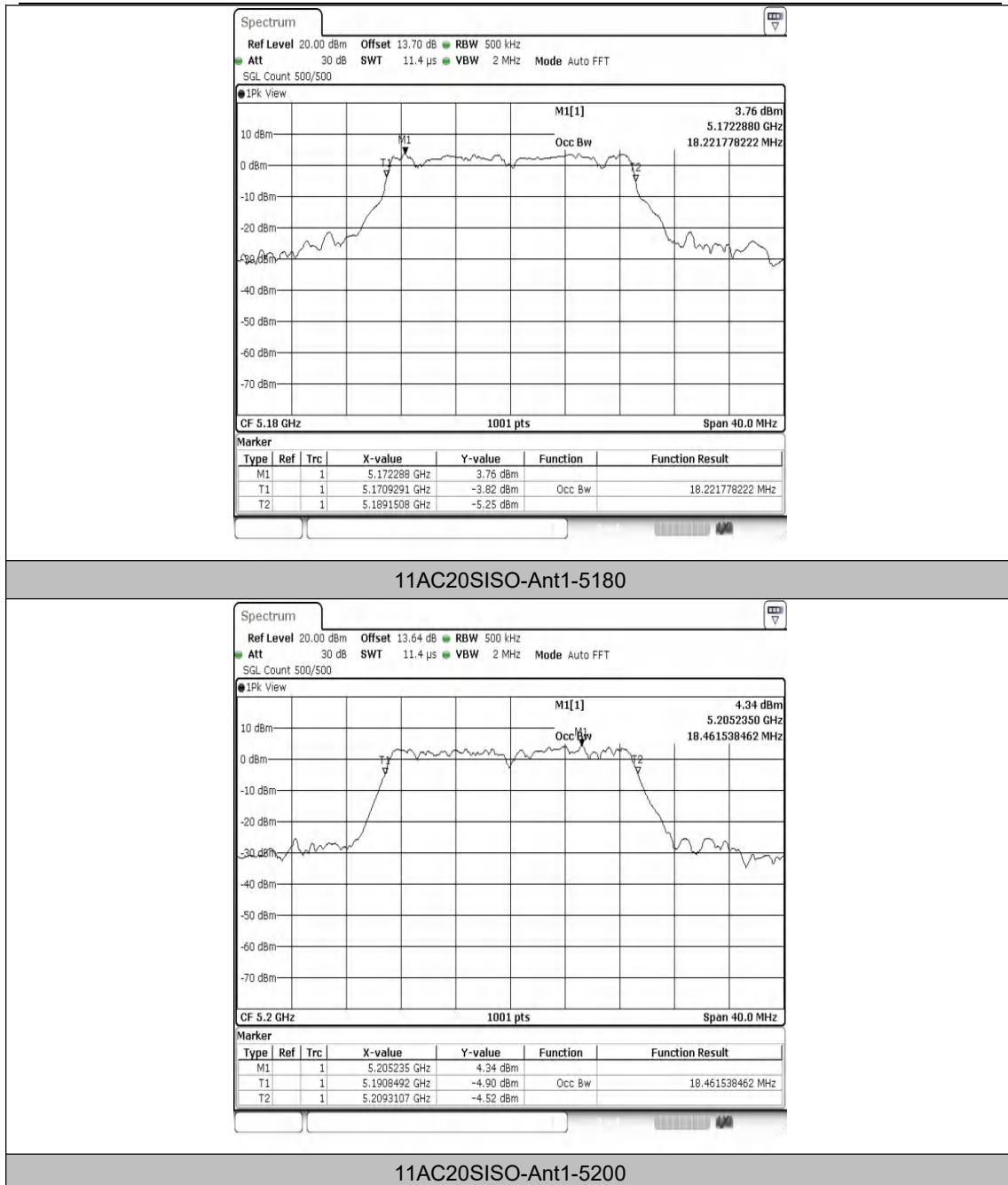


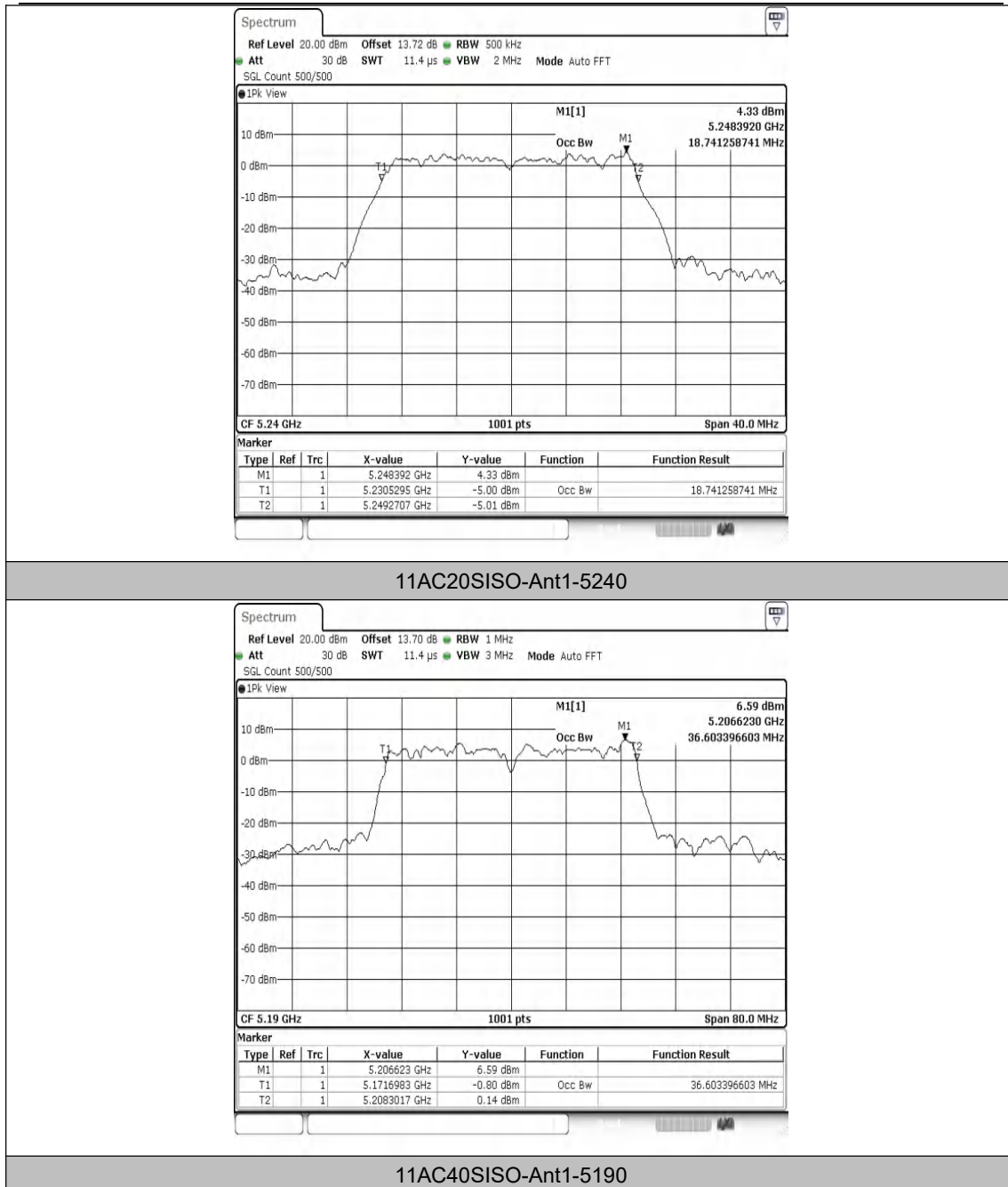
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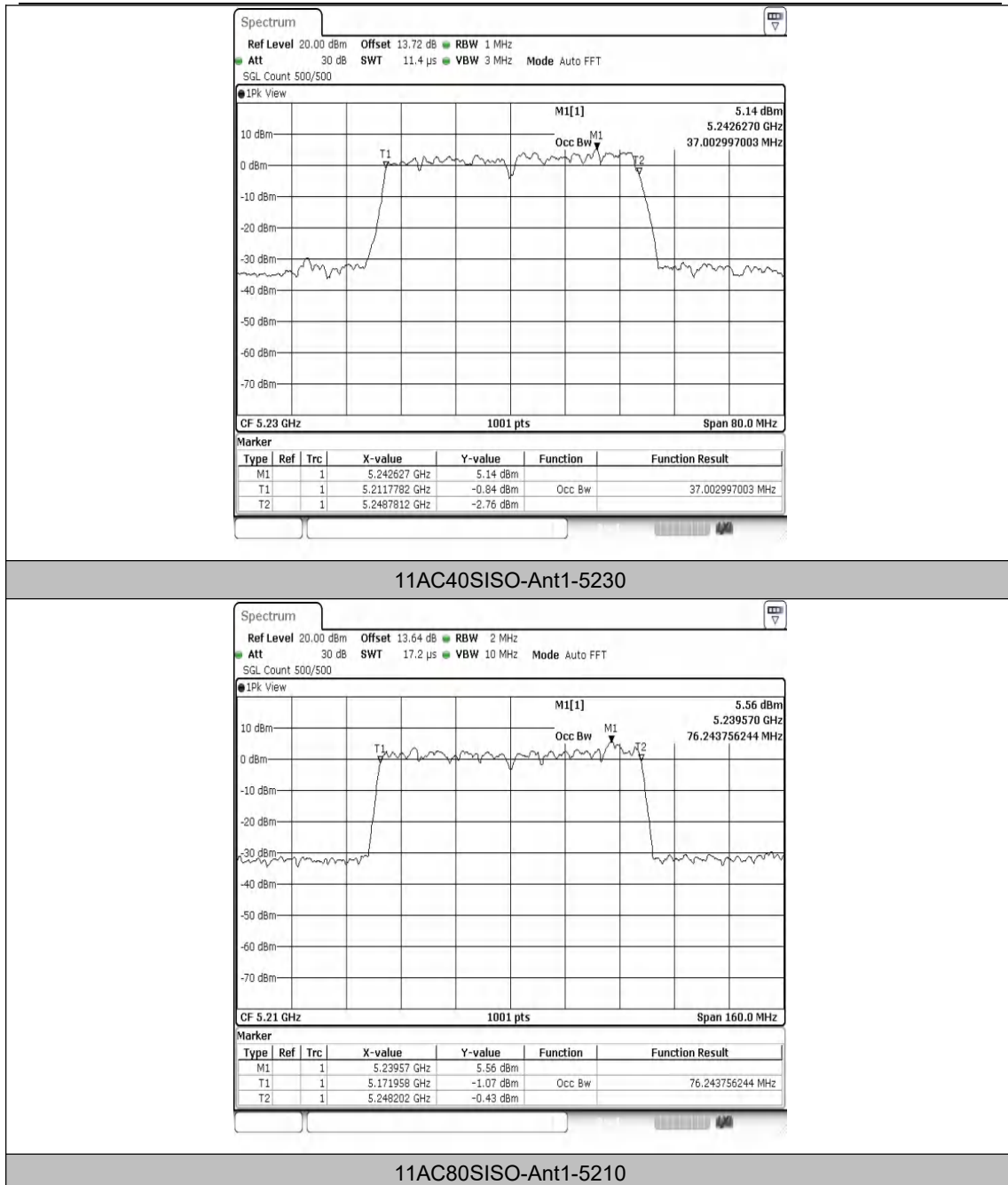
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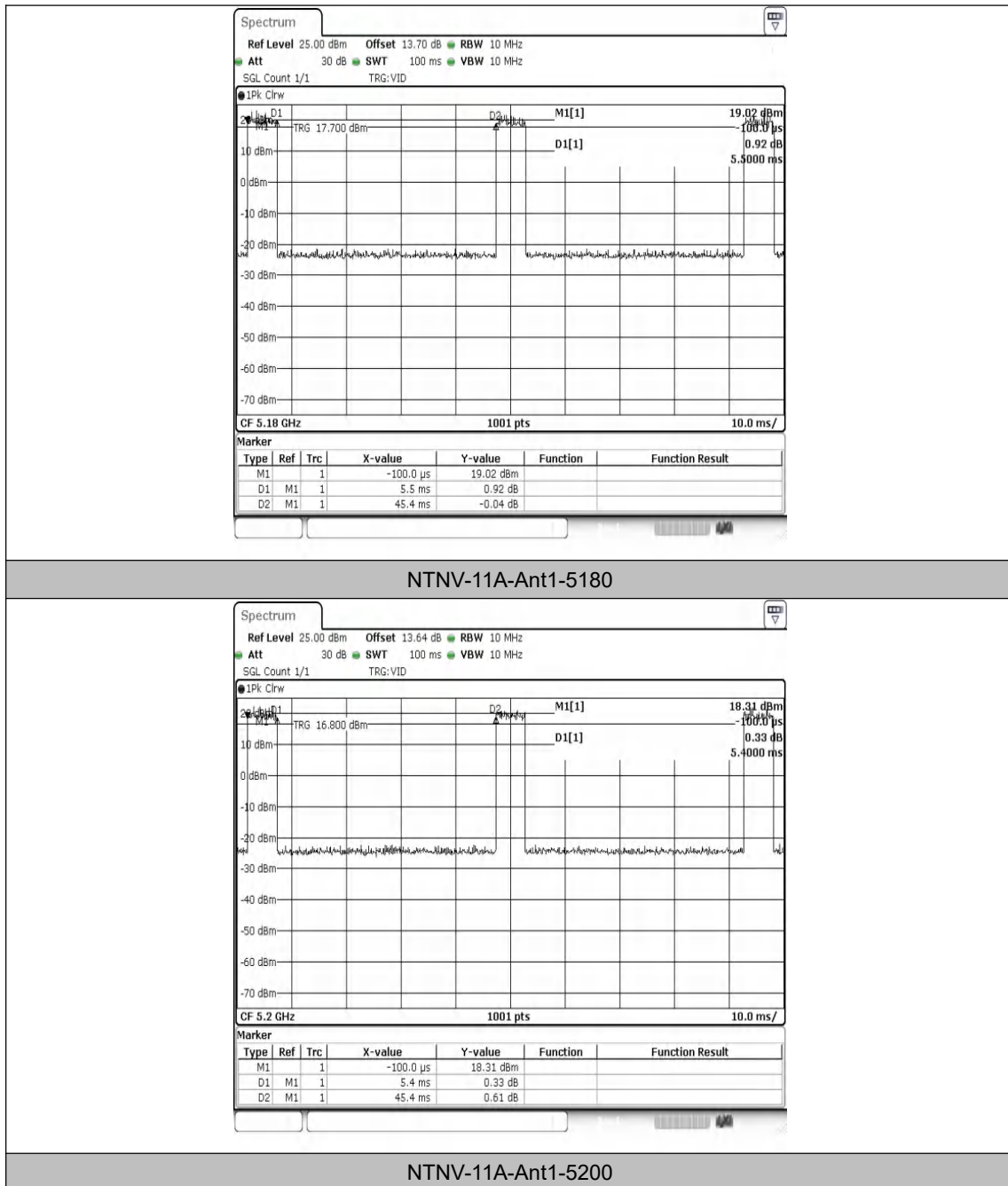
Appendix B: Duty Cycle

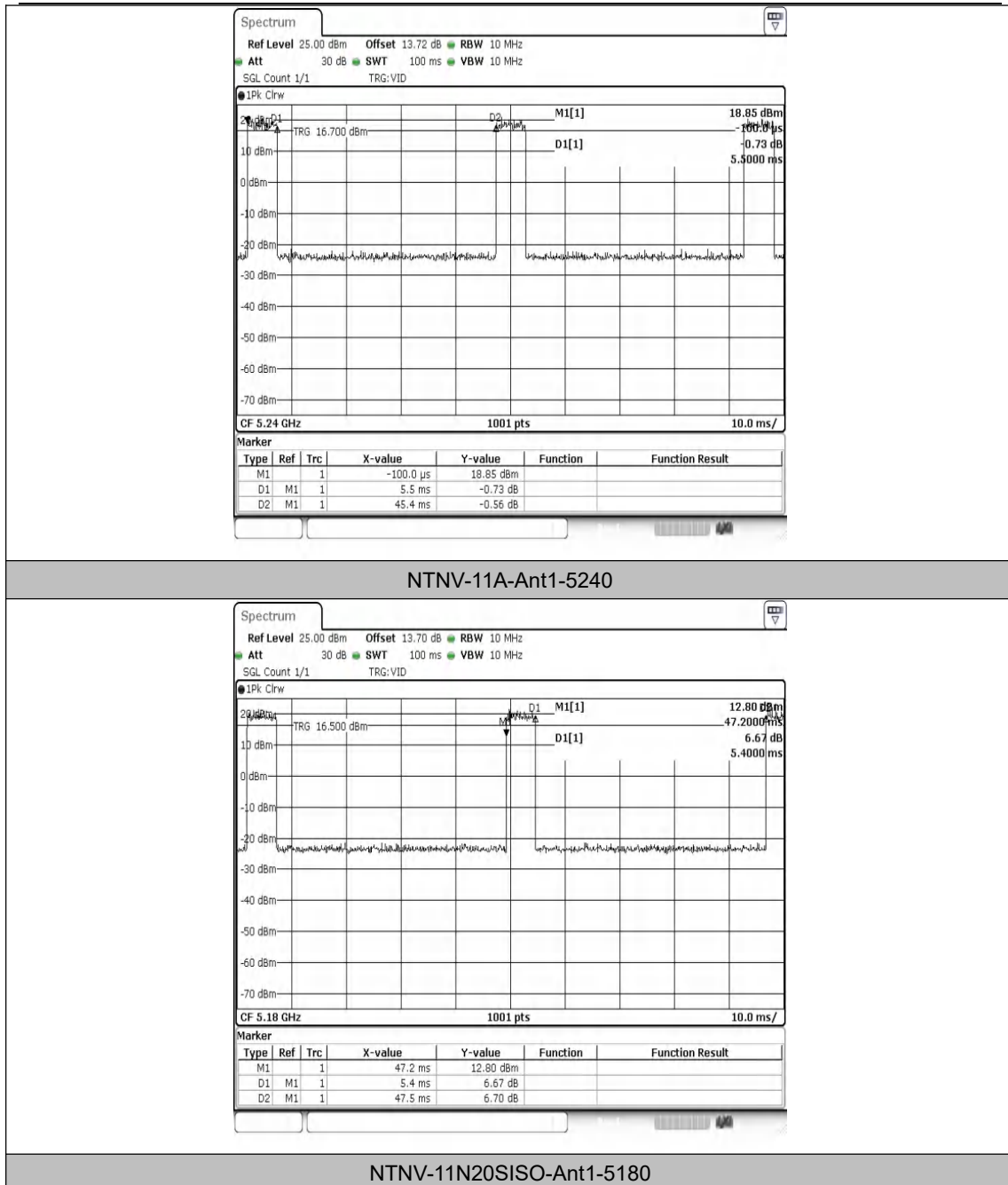
Test Result

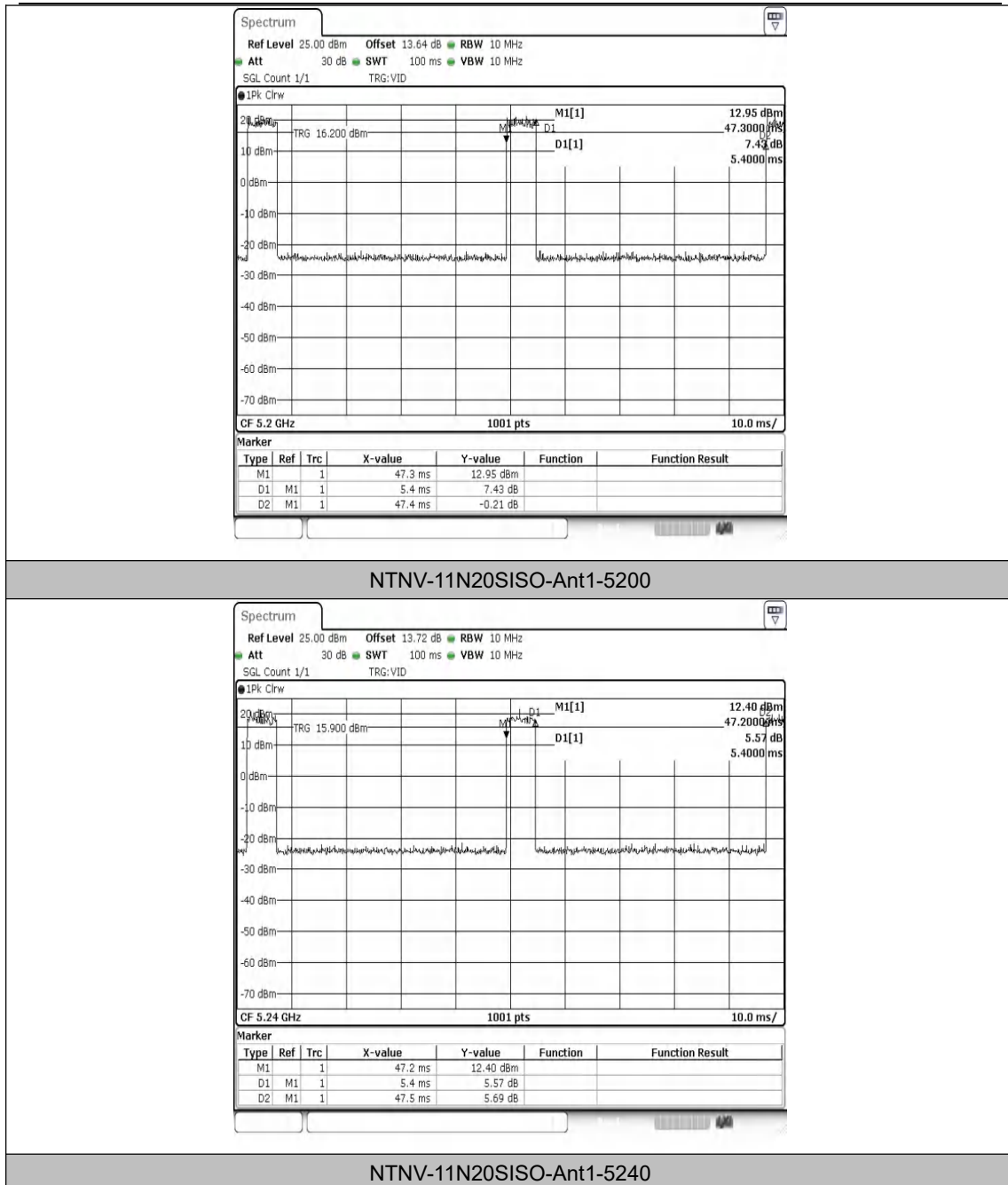
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11A	Ant1	5180	5.50	45.40	12.11	9.17	0.18
11A	Ant1	5200	5.40	45.40	11.89	9.25	0.19
11A	Ant1	5240	5.50	45.40	12.11	9.17	0.18
11N20SISO	Ant1	5180	5.40	47.50	11.37	9.44	0.19
11N20SISO	Ant1	5200	5.40	47.40	11.39	9.43	0.19
11N20SISO	Ant1	5240	5.40	47.50	11.37	9.44	0.19
11N40SISO	Ant1	5190	5.10	43.50	11.72	9.31	0.20
11N40SISO	Ant1	5230	5.20	47.40	10.97	9.60	0.19
11AC20SISO	Ant1	5180	5.40	47.40	11.39	9.43	0.19
11AC20SISO	Ant1	5200	5.30	47.40	11.18	9.52	0.19
11AC20SISO	Ant1	5240	5.40	47.40	11.39	9.43	0.19
11AC40SISO	Ant1	5190	5.10	47.40	10.76	9.68	0.20
11AC40SISO	Ant1	5230	5.20	47.40	10.97	9.60	0.19
11AC80SISO	Ant1	5210	4.70	47.40	9.92	10.03	0.21

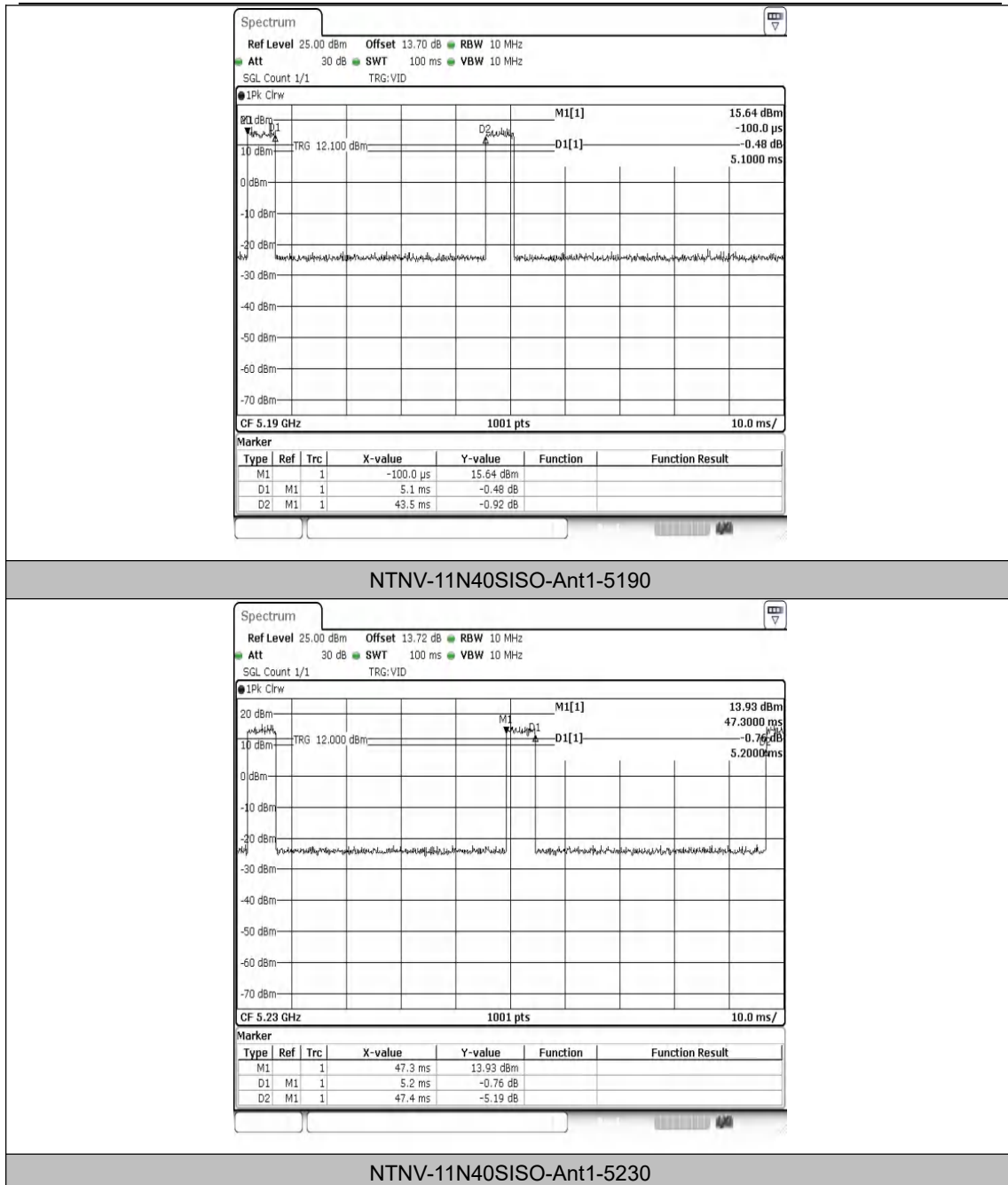


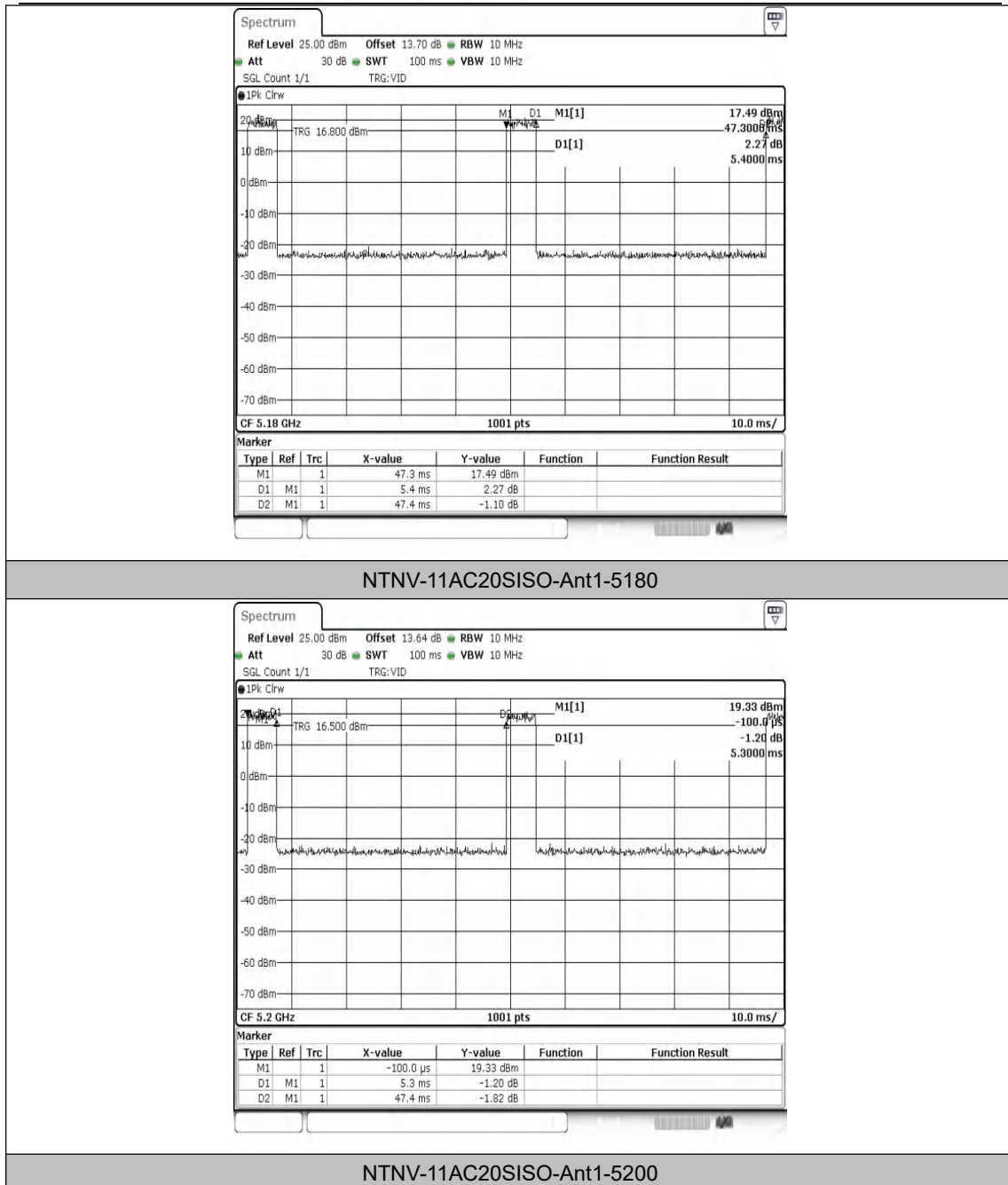
Test Graphs

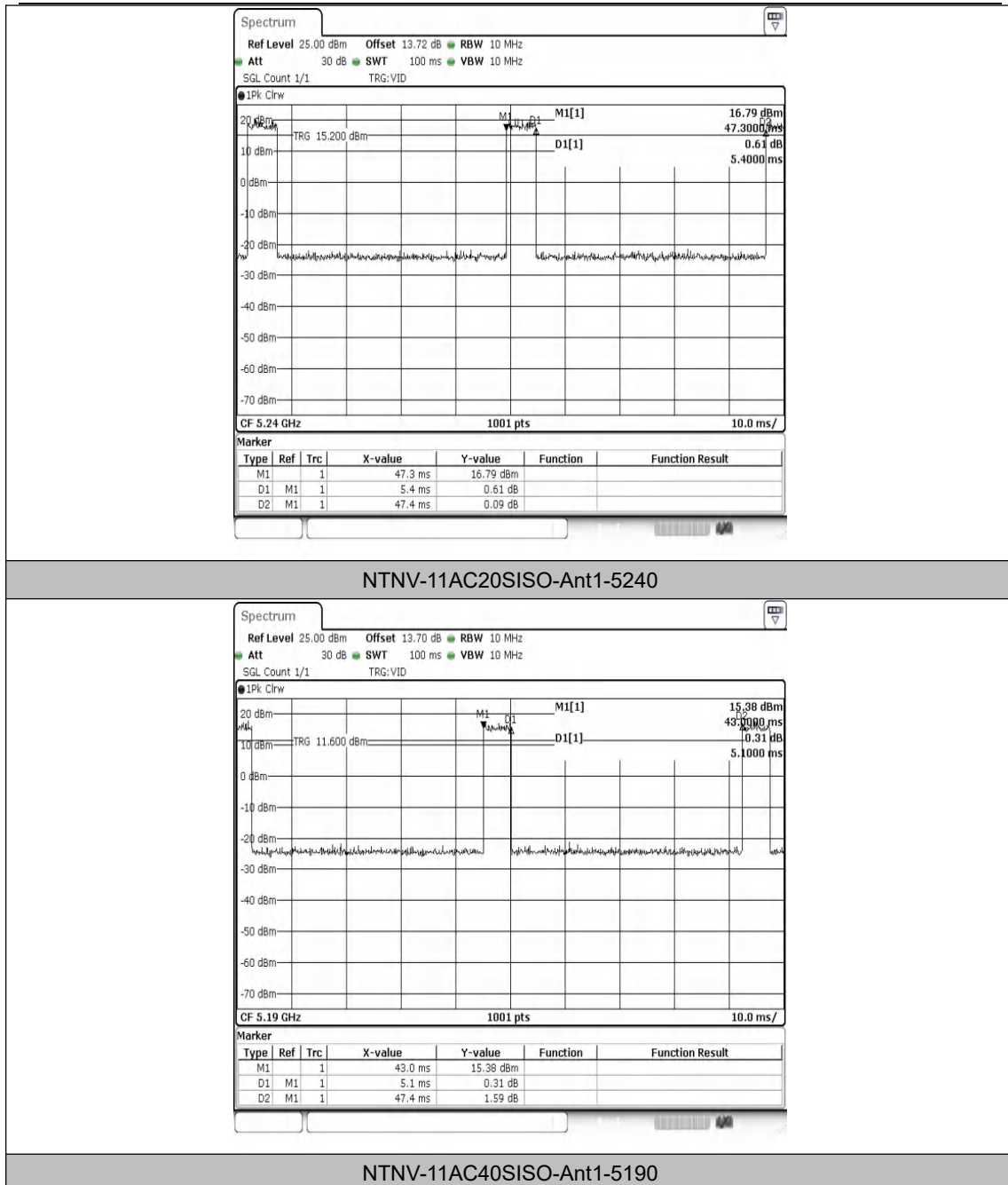


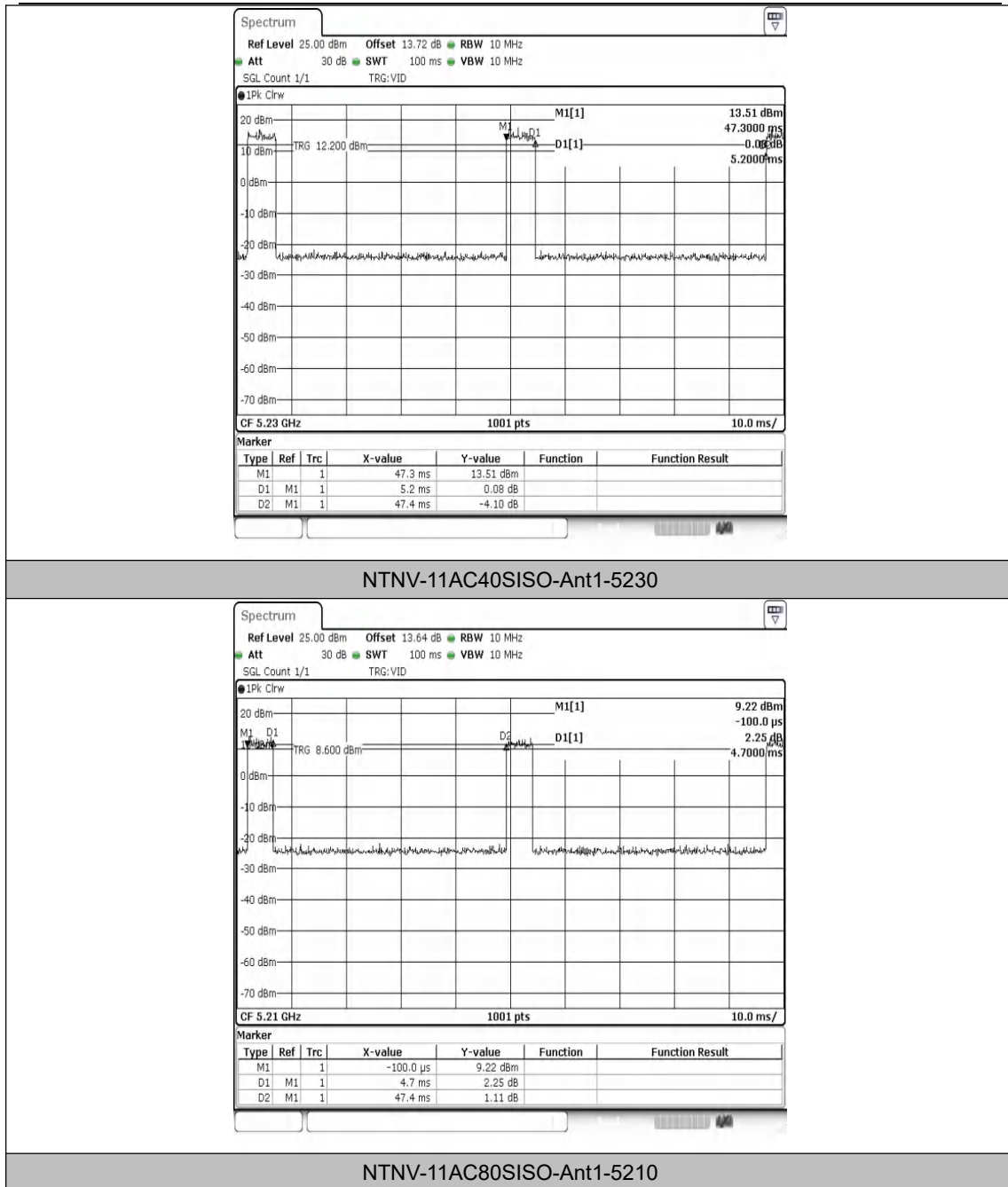












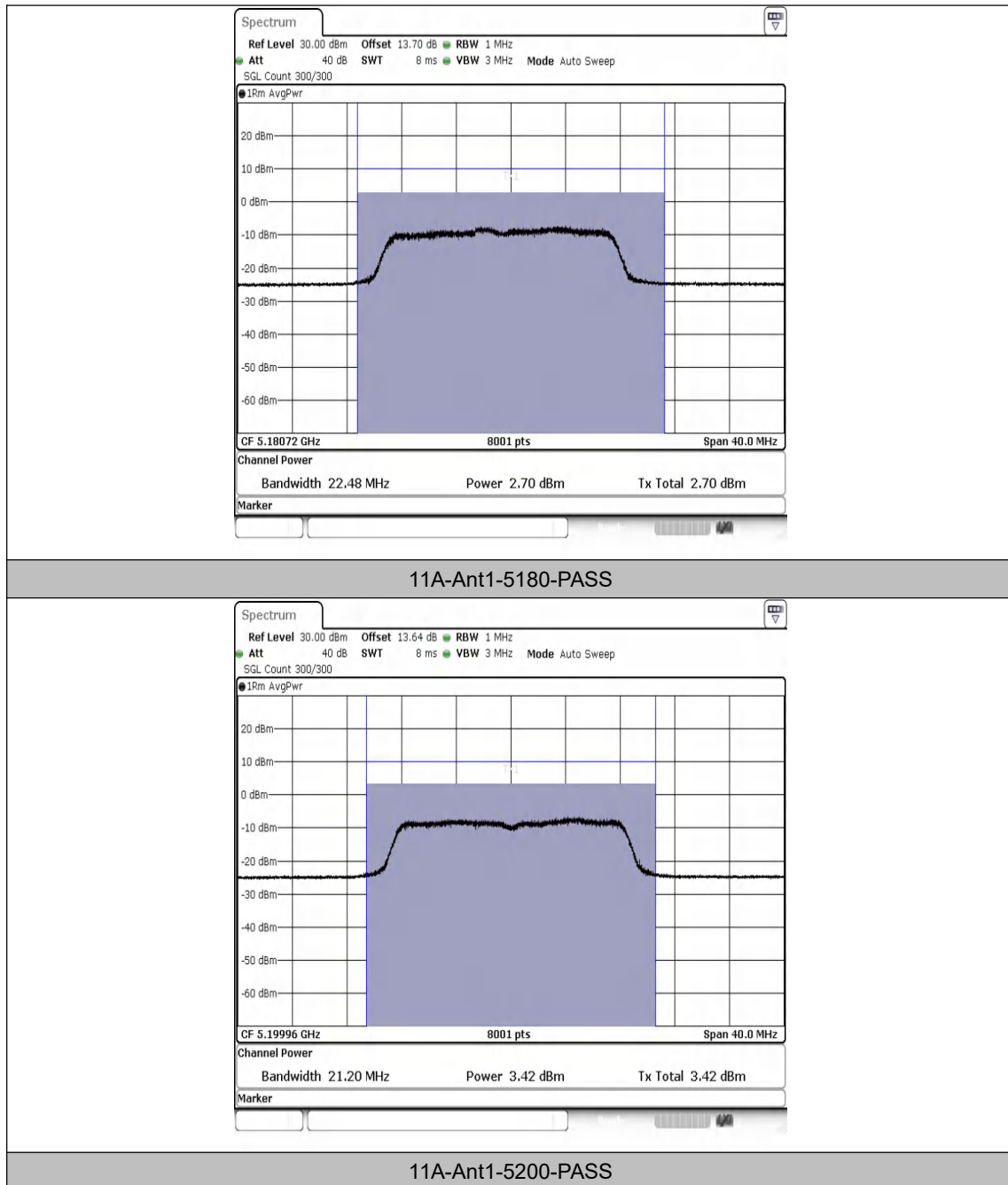
Appendix C: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	2.70	12.11	9.17	11.87	≤23.98	PASS
11A	Ant1	5200	3.42	11.89	9.25	12.67	≤23.98	PASS
11A	Ant1	5240	3.72	12.11	9.17	12.89	≤23.98	PASS
11N20SISO	Ant1	5180	2.31	11.37	9.44	11.75	≤23.98	PASS
11N20SISO	Ant1	5200	3.55	11.39	9.43	12.98	≤23.98	PASS
11N20SISO	Ant1	5240	2.87	11.37	9.44	12.31	≤23.98	PASS
11N40SISO	Ant1	5190	3.48	11.72	9.31	12.79	≤23.98	PASS
11N40SISO	Ant1	5230	1.17	10.97	9.60	10.77	≤23.98	PASS
11AC20SISO	Ant1	5180	3.98	11.39	9.43	13.41	≤23.98	PASS
11AC20SISO	Ant1	5200	4.69	11.18	9.52	14.21	≤23.98	PASS
11AC20SISO	Ant1	5240	2.87	11.39	9.43	12.30	≤23.98	PASS
11AC40SISO	Ant1	5190	2.94	10.76	9.68	12.62	≤23.98	PASS
11AC40SISO	Ant1	5230	1.69	10.97	9.60	11.29	≤23.98	PASS
11AC80SISO	Ant1	5210	1.53	9.92	10.03	11.56	≤23.98	PASS

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

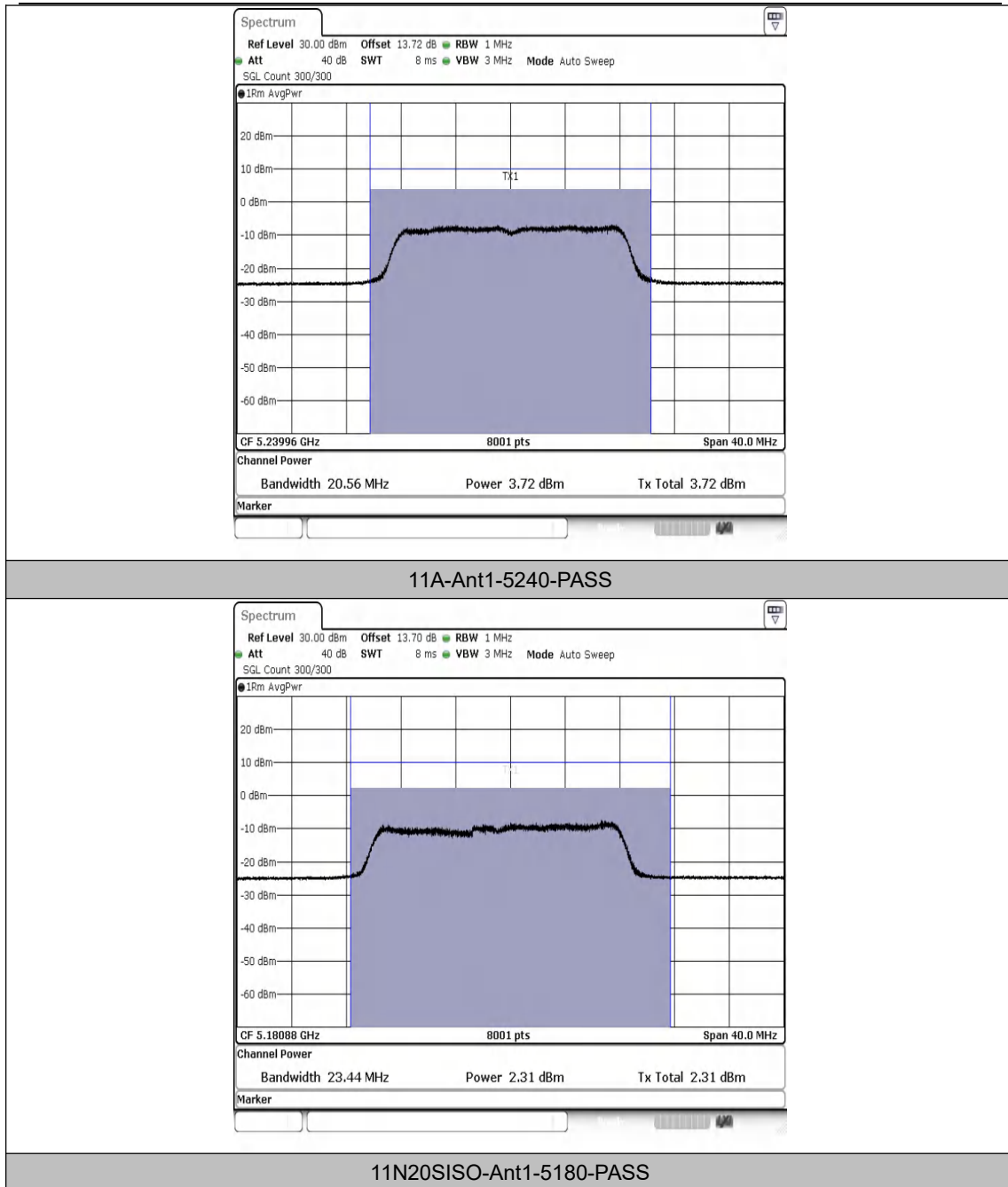
Test Graphs Channel Power

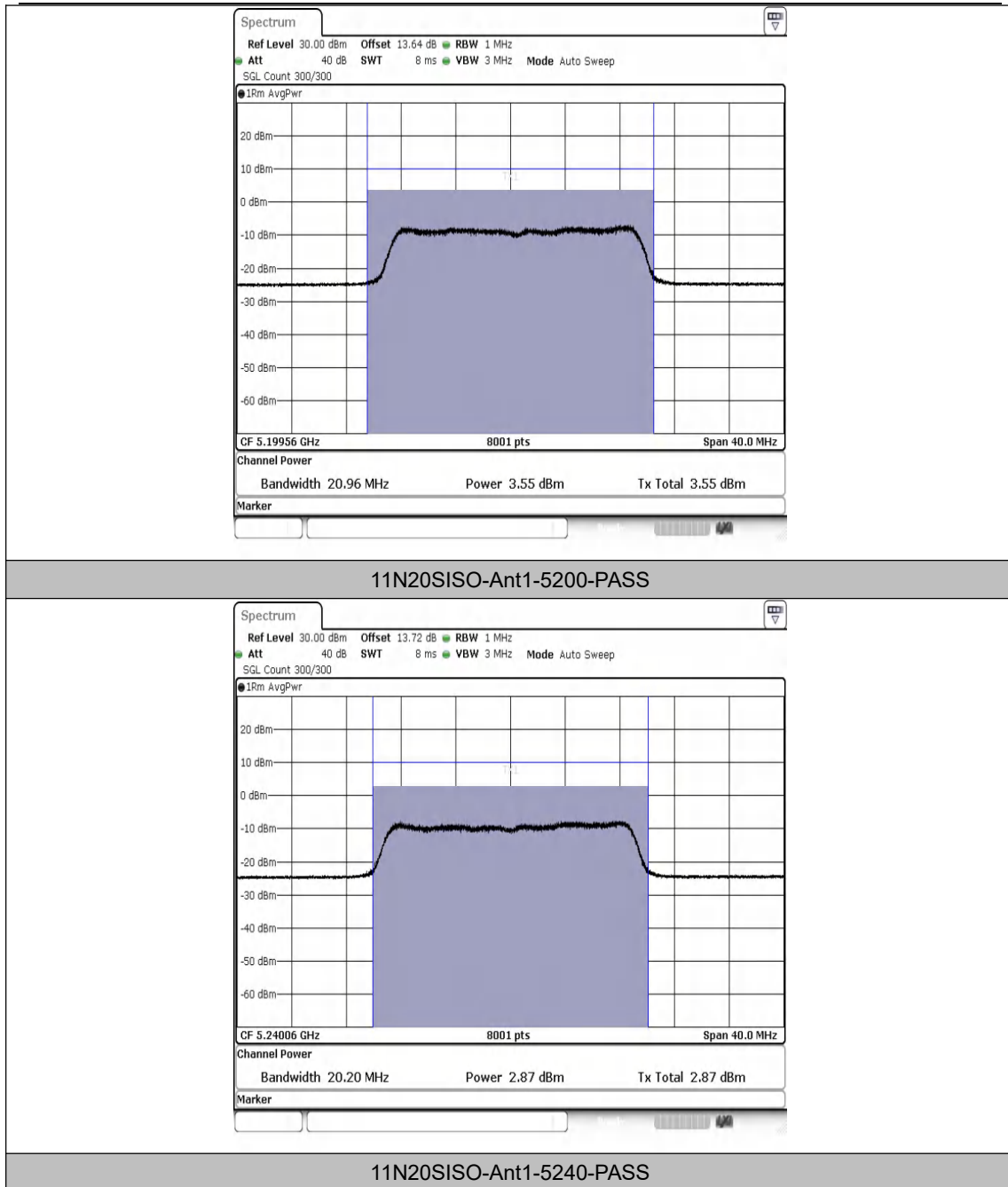


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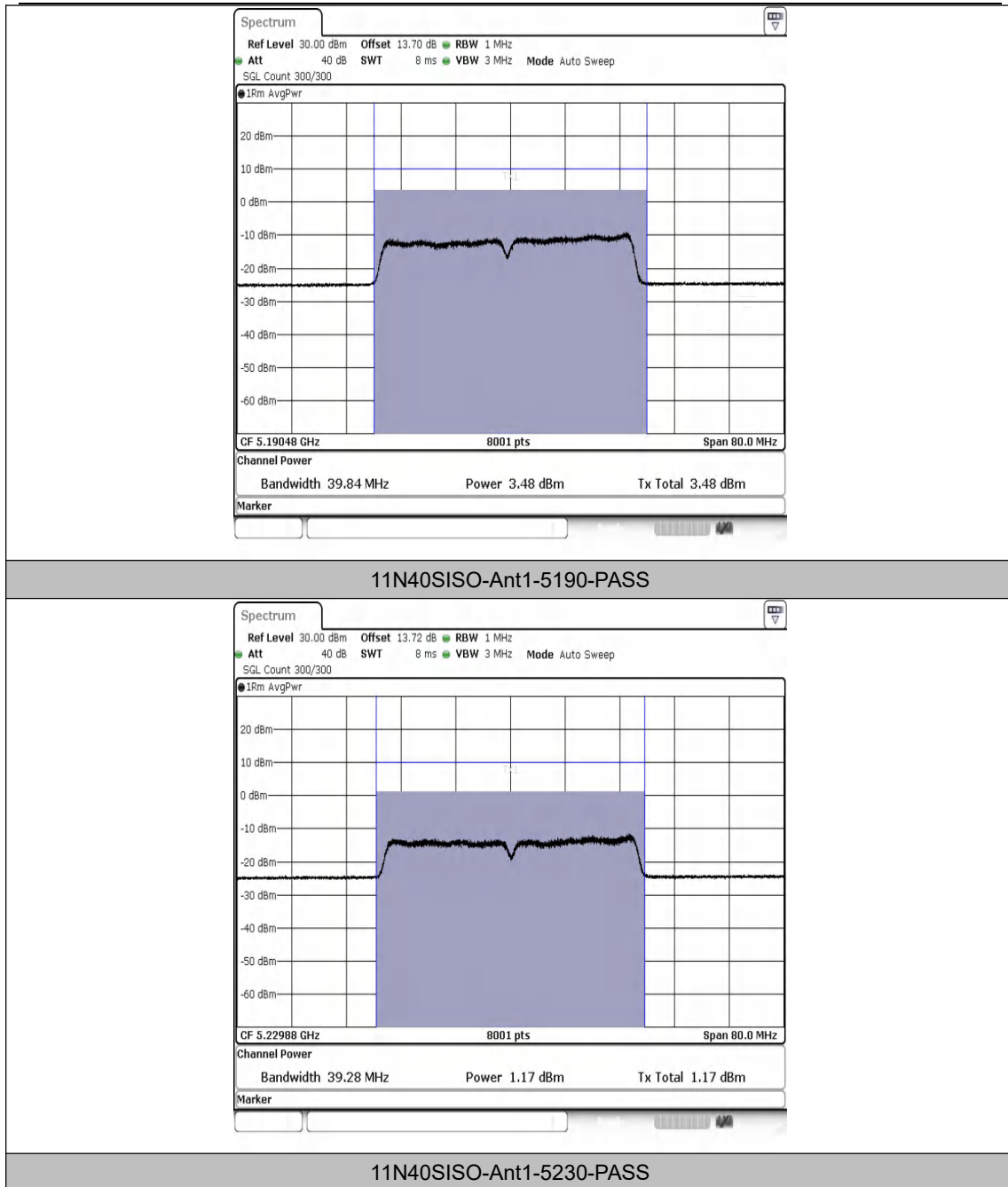


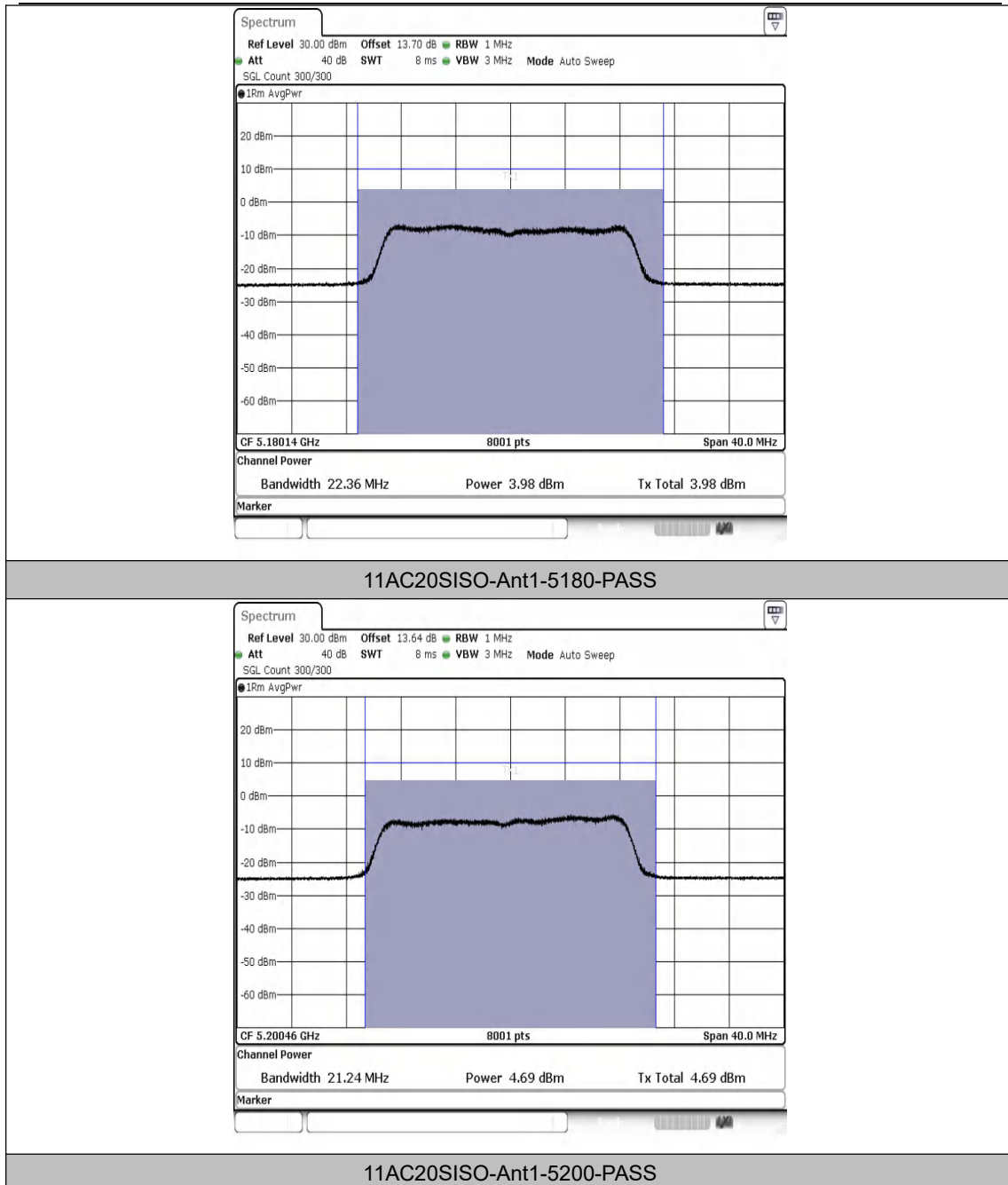


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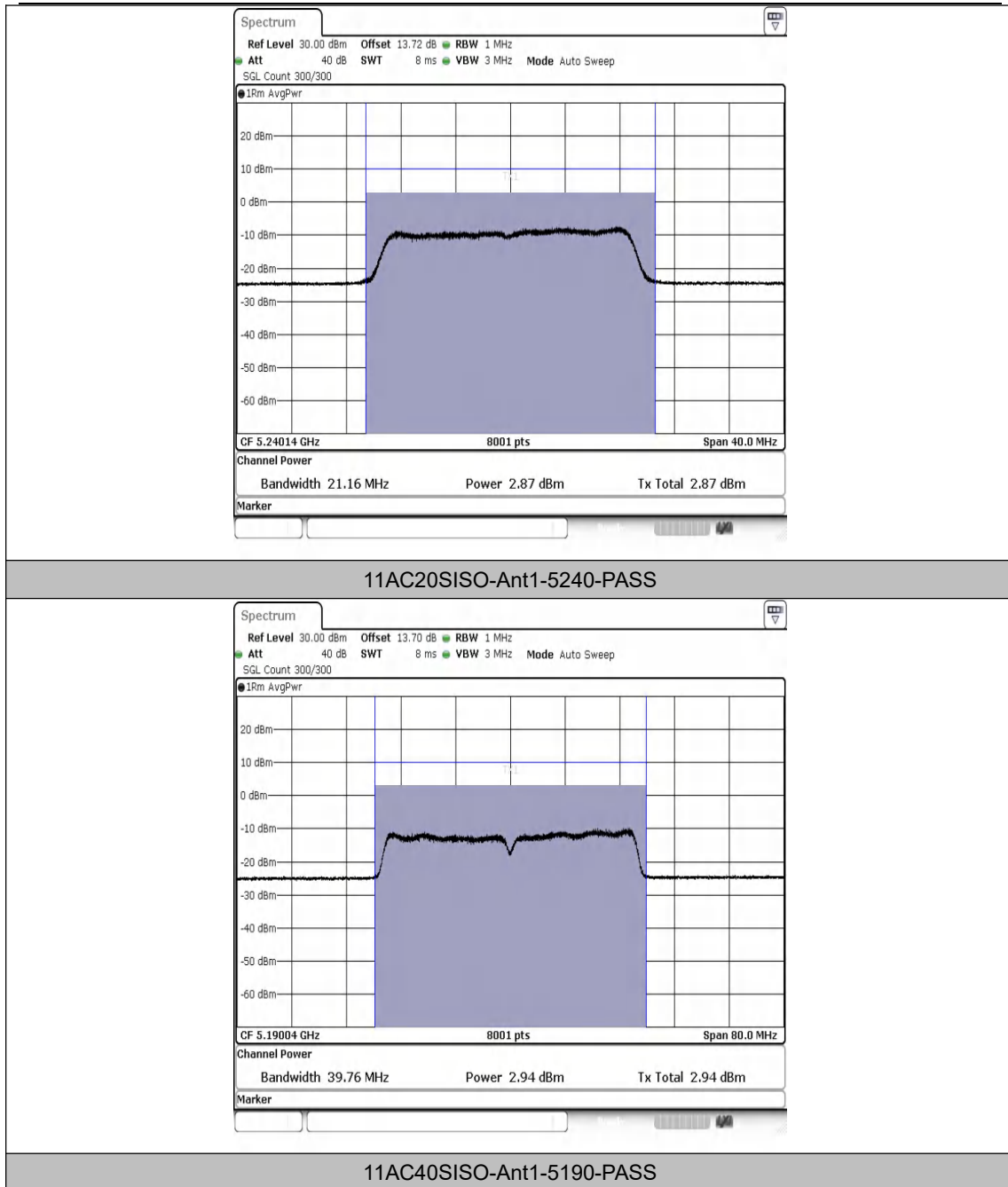


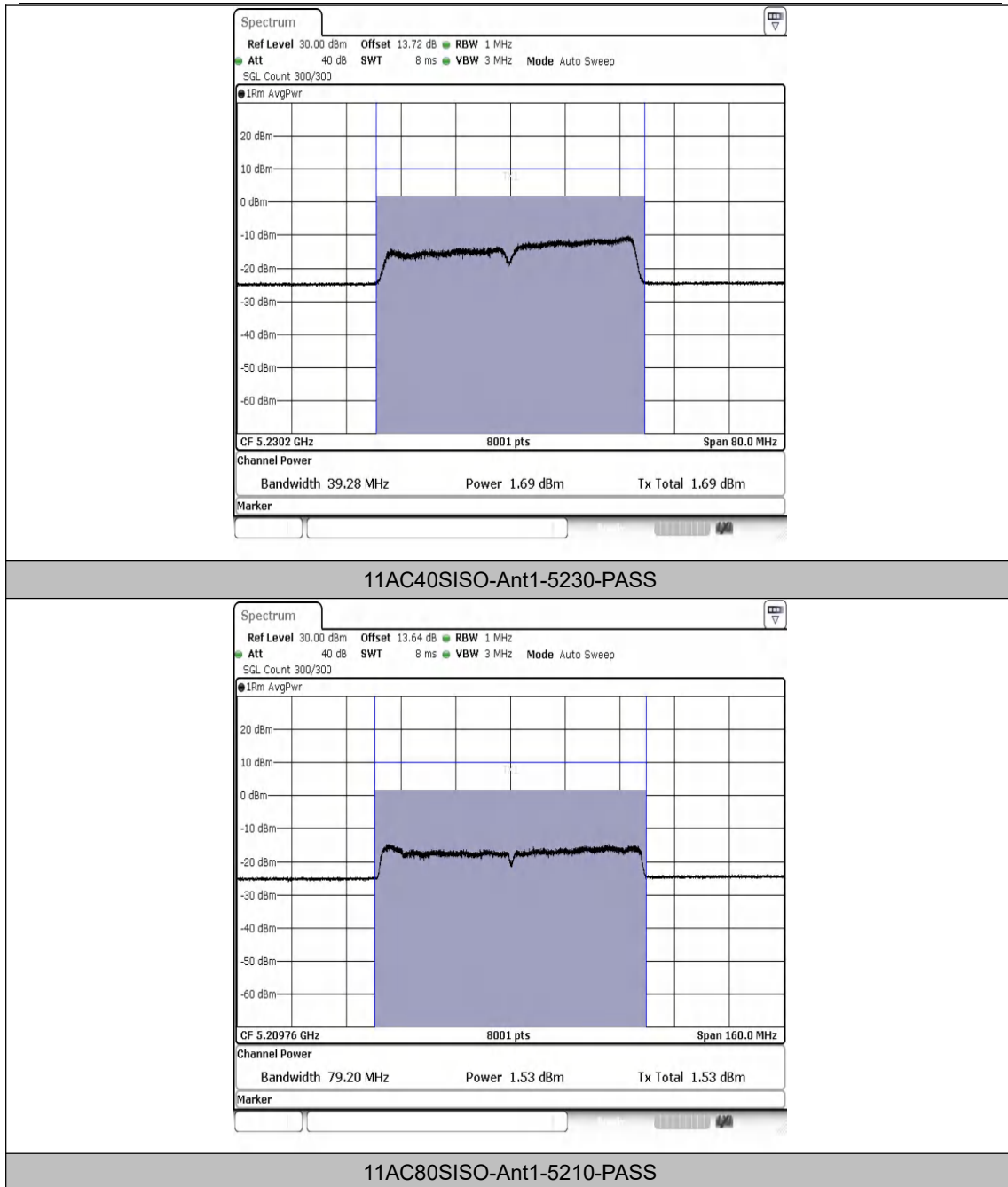


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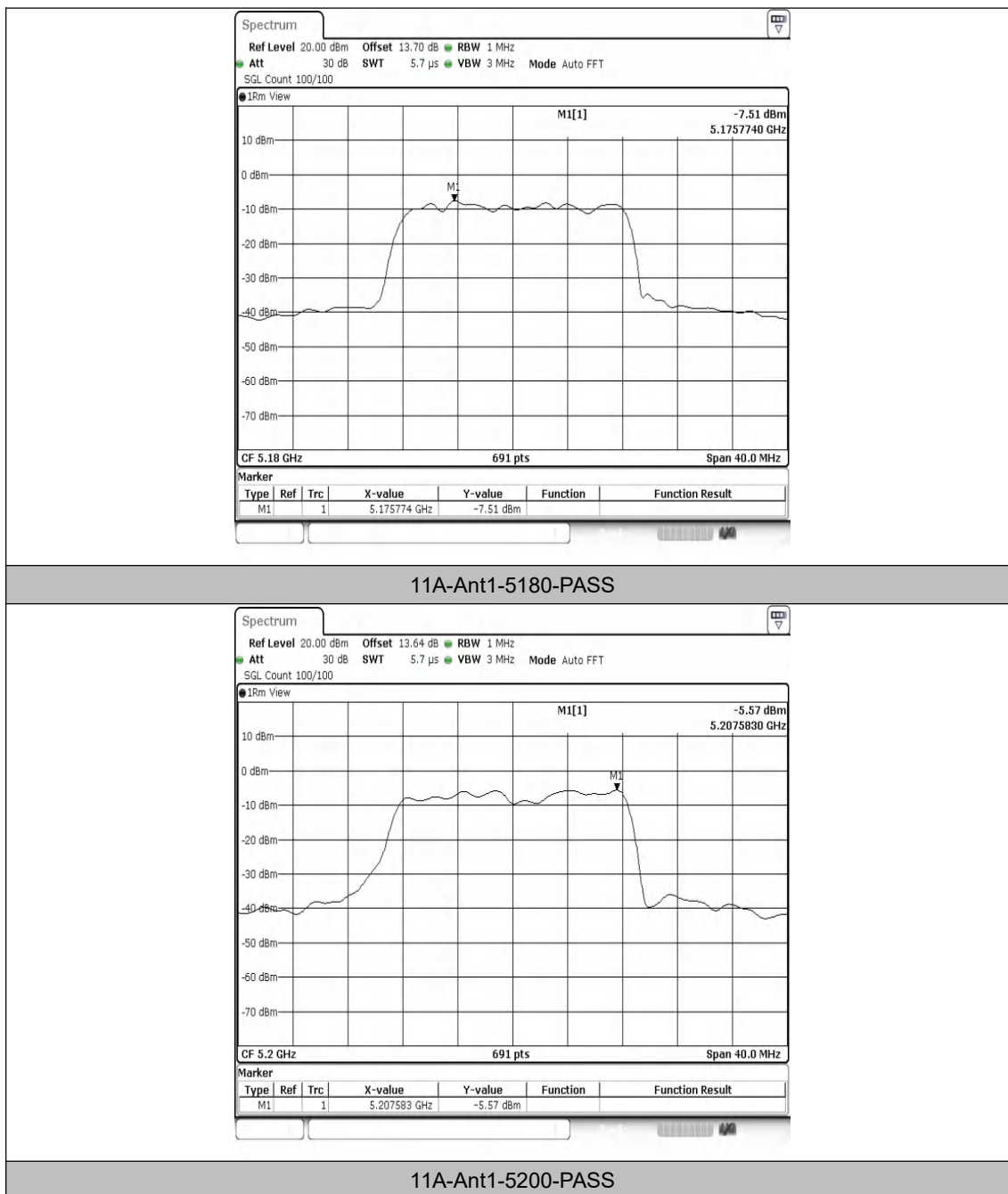
Appendix D: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result[dBm/MHz]	DC Factor [dB]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-7.51	9.17	1.66	≤11.00	PASS
11A	Ant1	5200	-5.57	9.25	3.68	≤11.00	PASS
11A	Ant1	5240	-7.57	9.17	1.60	≤11.00	PASS
11N20SISO	Ant1	5180	-6.95	9.44	2.49	≤11.00	PASS
11N20SISO	Ant1	5200	-6.83	9.43	2.60	≤11.00	PASS
11N20SISO	Ant1	5240	-8.97	9.44	0.47	≤11.00	PASS
11N40SISO	Ant1	5190	-9.77	9.31	-0.46	≤11.00	PASS
11N40SISO	Ant1	5230	-9.45	9.60	0.15	≤11.00	PASS
11AC20SISO	Ant1	5180	-6.69	9.43	2.74	≤11.00	PASS
11AC20SISO	Ant1	5200	-7.07	9.52	2.45	≤11.00	PASS
11AC20SISO	Ant1	5240	-6.69	9.43	2.74	≤11.00	PASS
11AC40SISO	Ant1	5190	-8.7	9.68	0.98	≤11.00	PASS
11AC40SISO	Ant1	5230	-9.86	9.60	-0.26	≤11.00	PASS
11AC80SISO	Ant1	5210	-13.32	10.03	-3.29	≤11.00	PASS

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

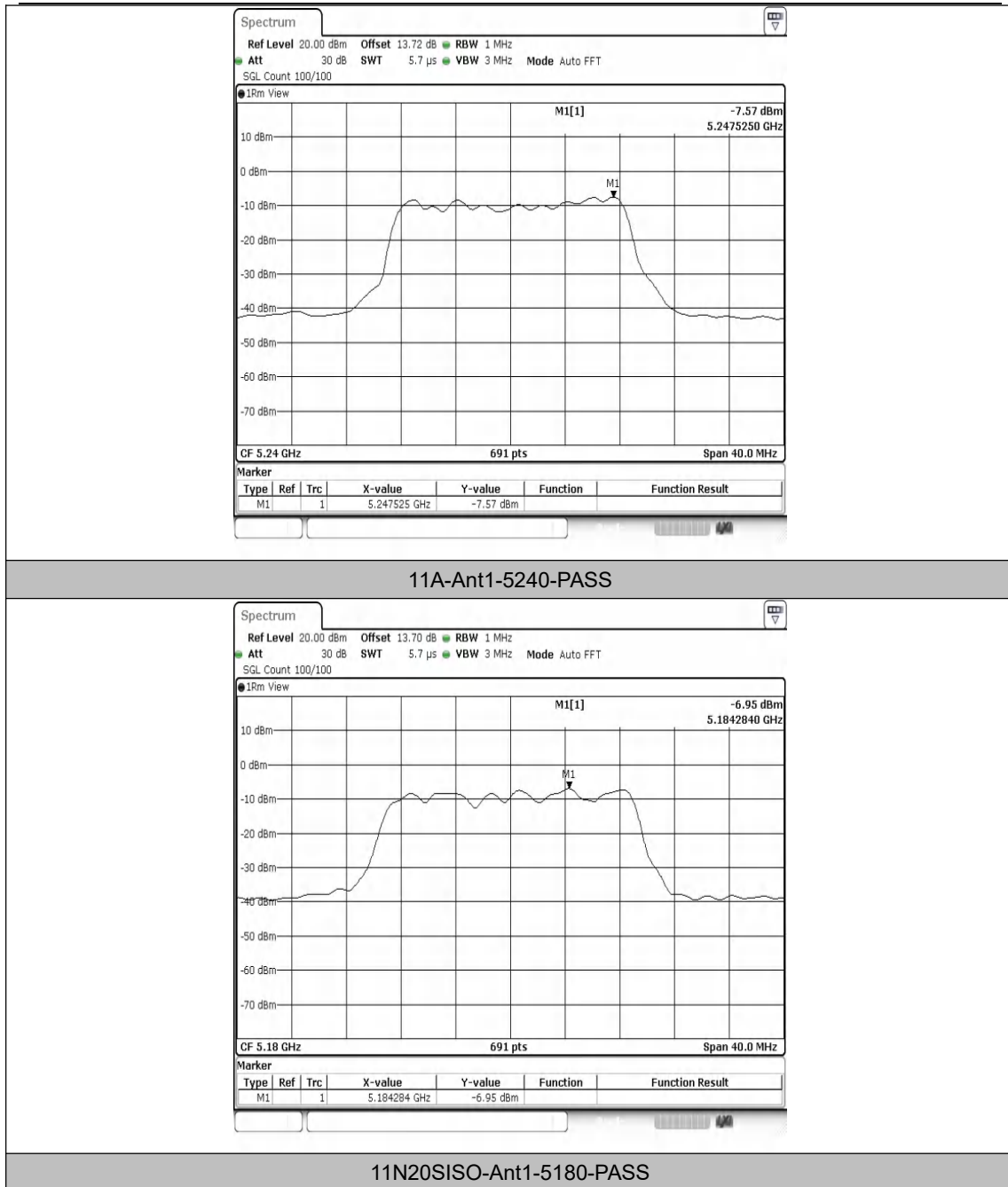
Test Graphs

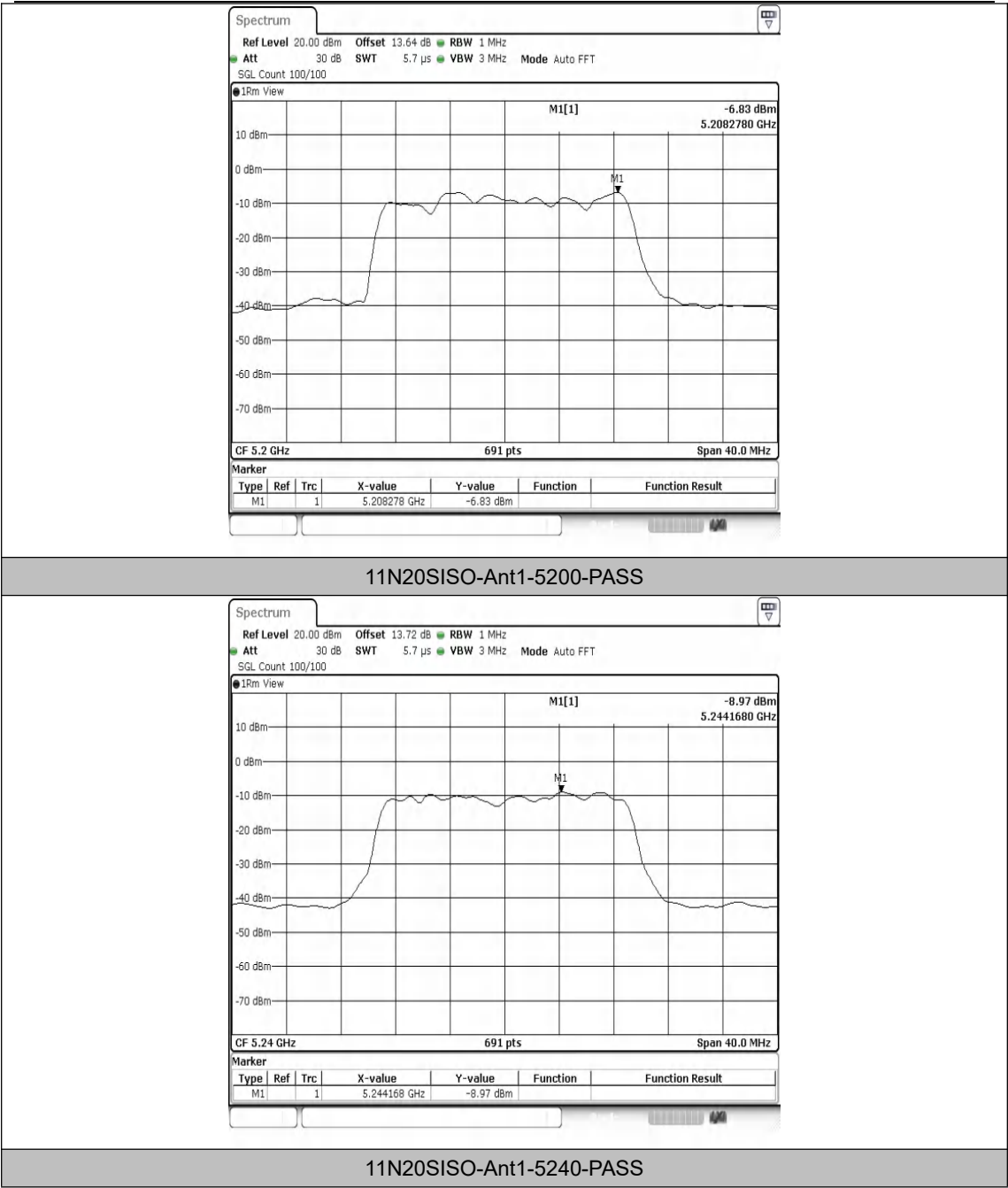


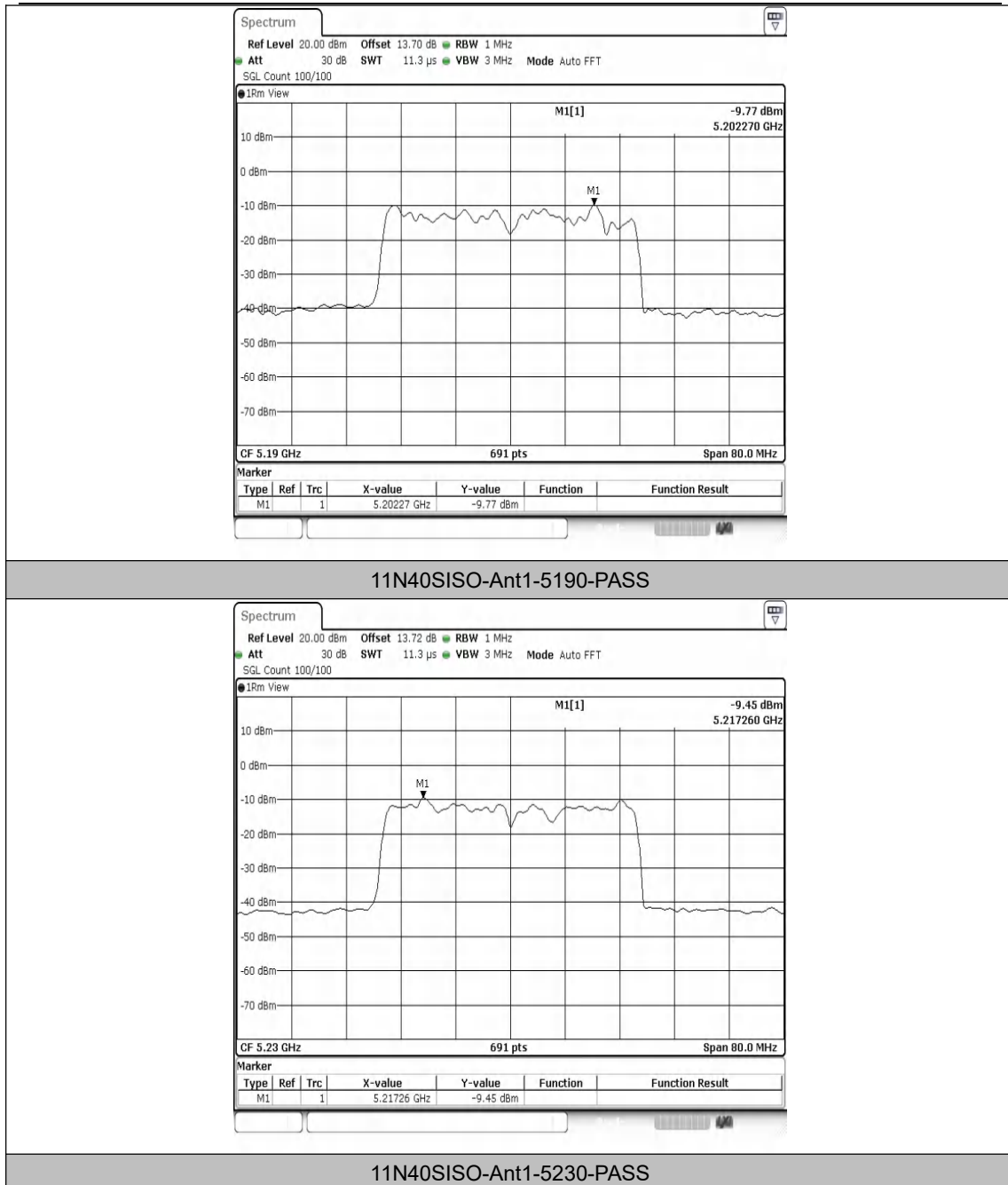
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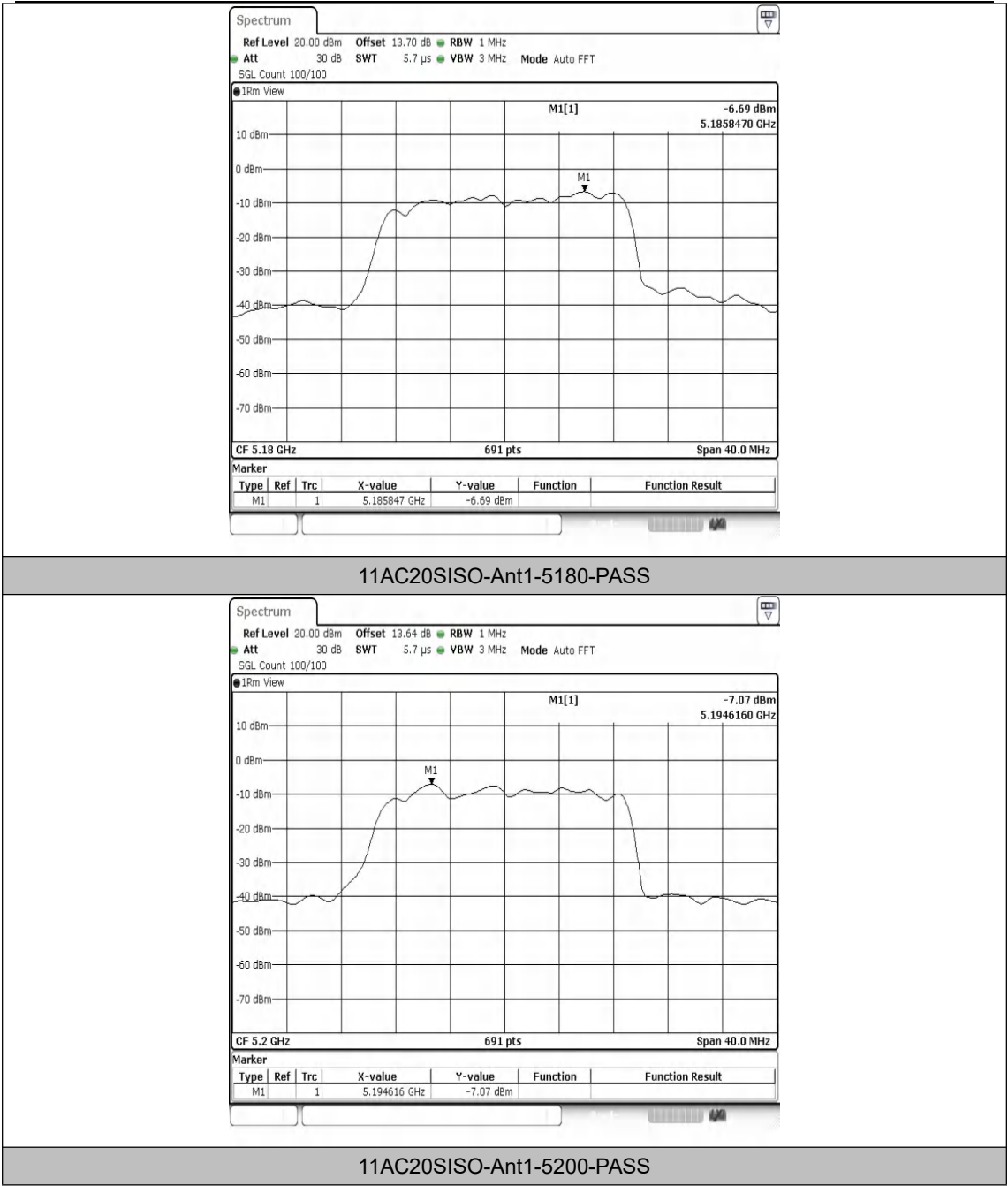
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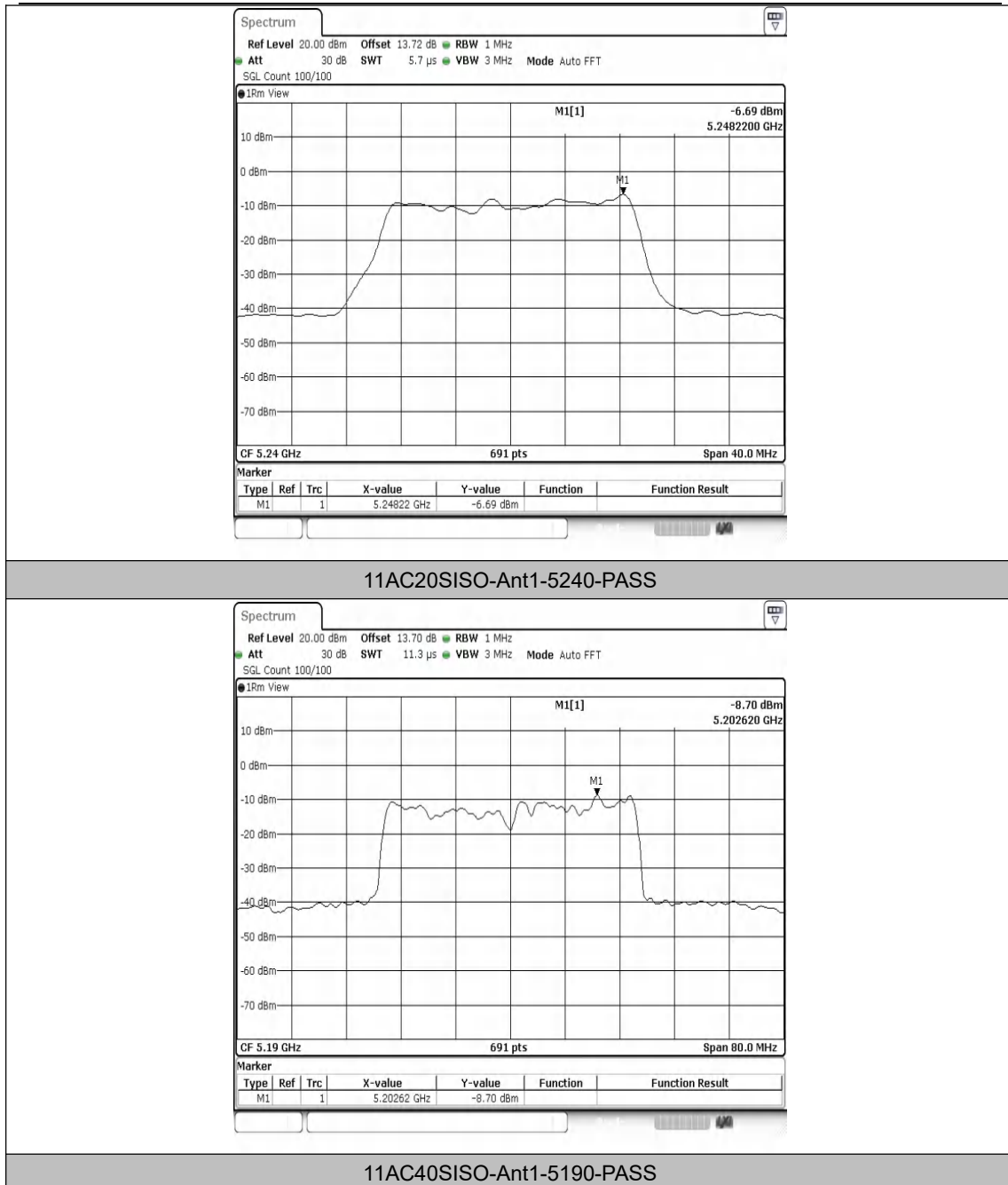
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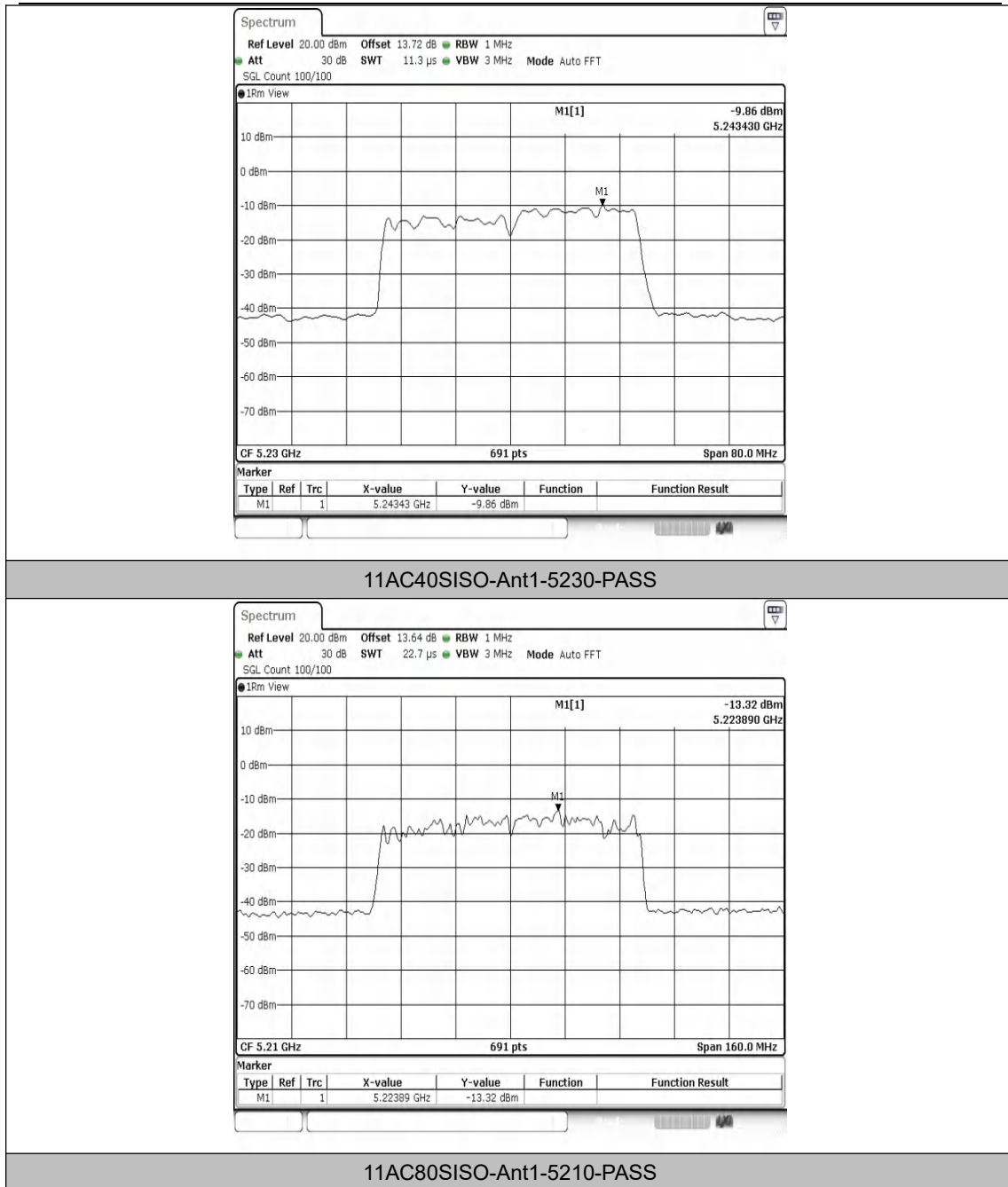












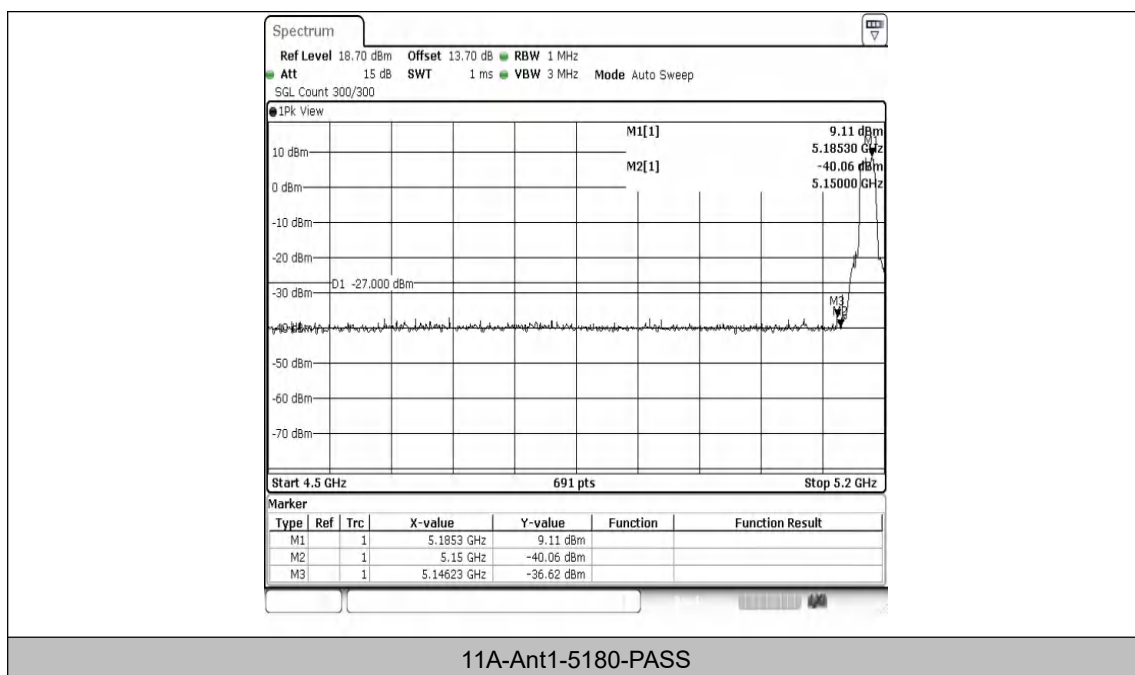
Appendix E: Band edge measurements

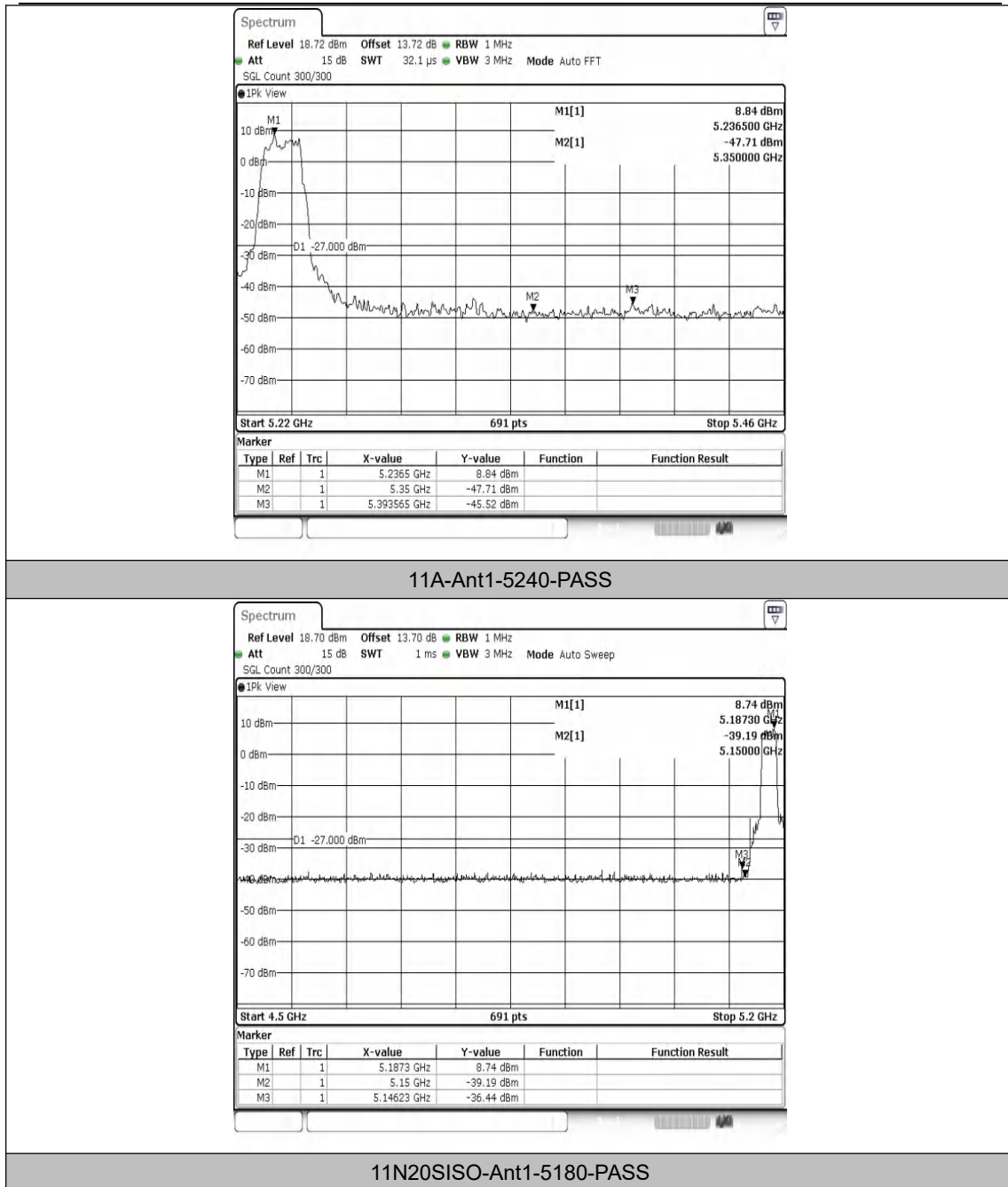
Test Result B1

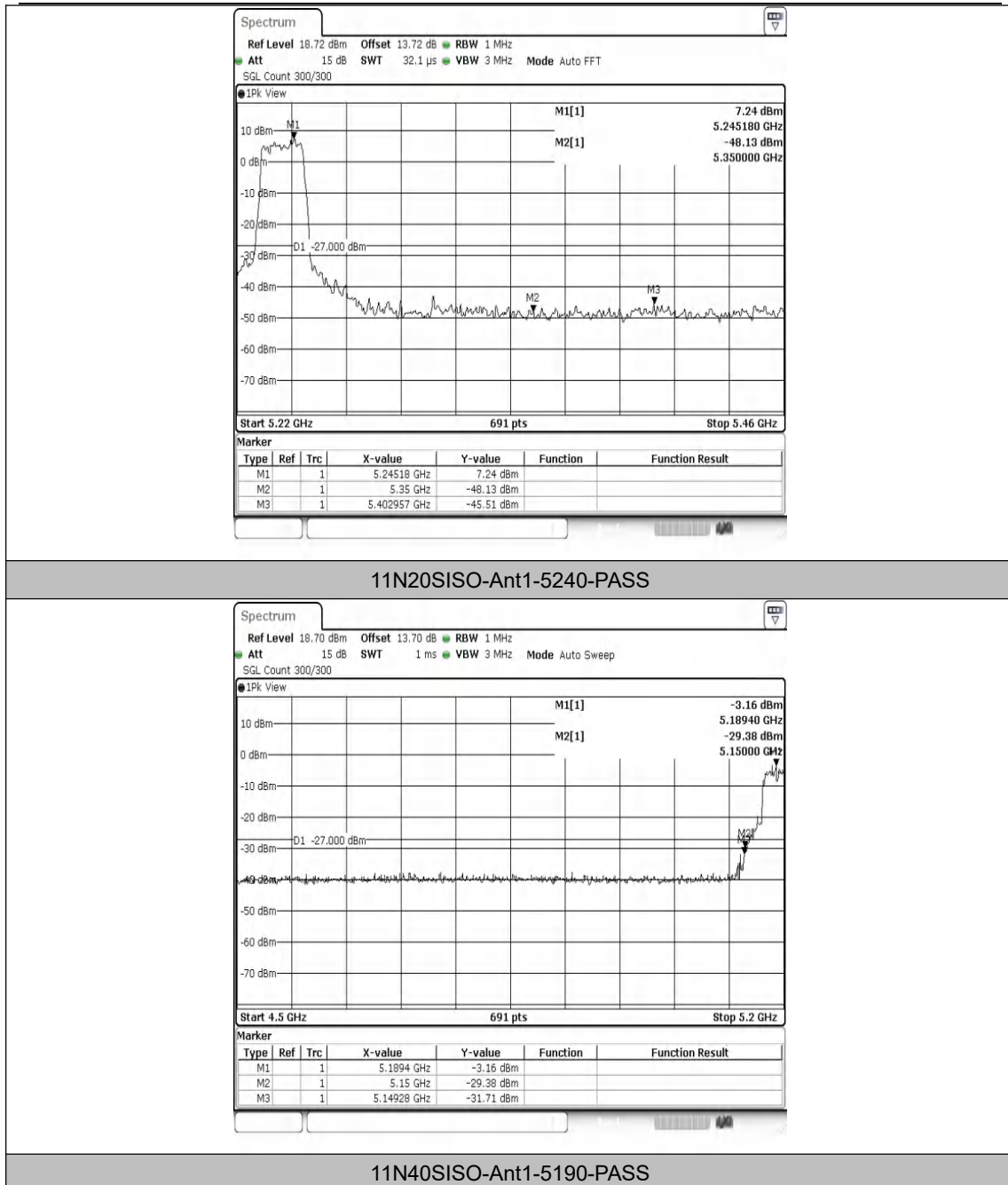
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.62	≤-27	PASS
11A	Ant1	High	5240	-45.52	≤-27	PASS
11N20SISO	Ant1	Low	5180	-36.44	≤-27	PASS
11N20SISO	Ant1	High	5240	-45.51	≤-27	PASS
11N40SISO	Ant1	Low	5190	-31.71	≤-27	PASS
11N40SISO	Ant1	High	5230	-45.6	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-36.08	≤-27	PASS
11AC20SISO	Ant1	High	5240	-45.53	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-31.4	≤-27	PASS
11AC40SISO	Ant1	High	5230	-45.81	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-38.03	≤-27	PASS
11AC80SISO	Ant1	High	5210	-46.23	≤-27	PASS

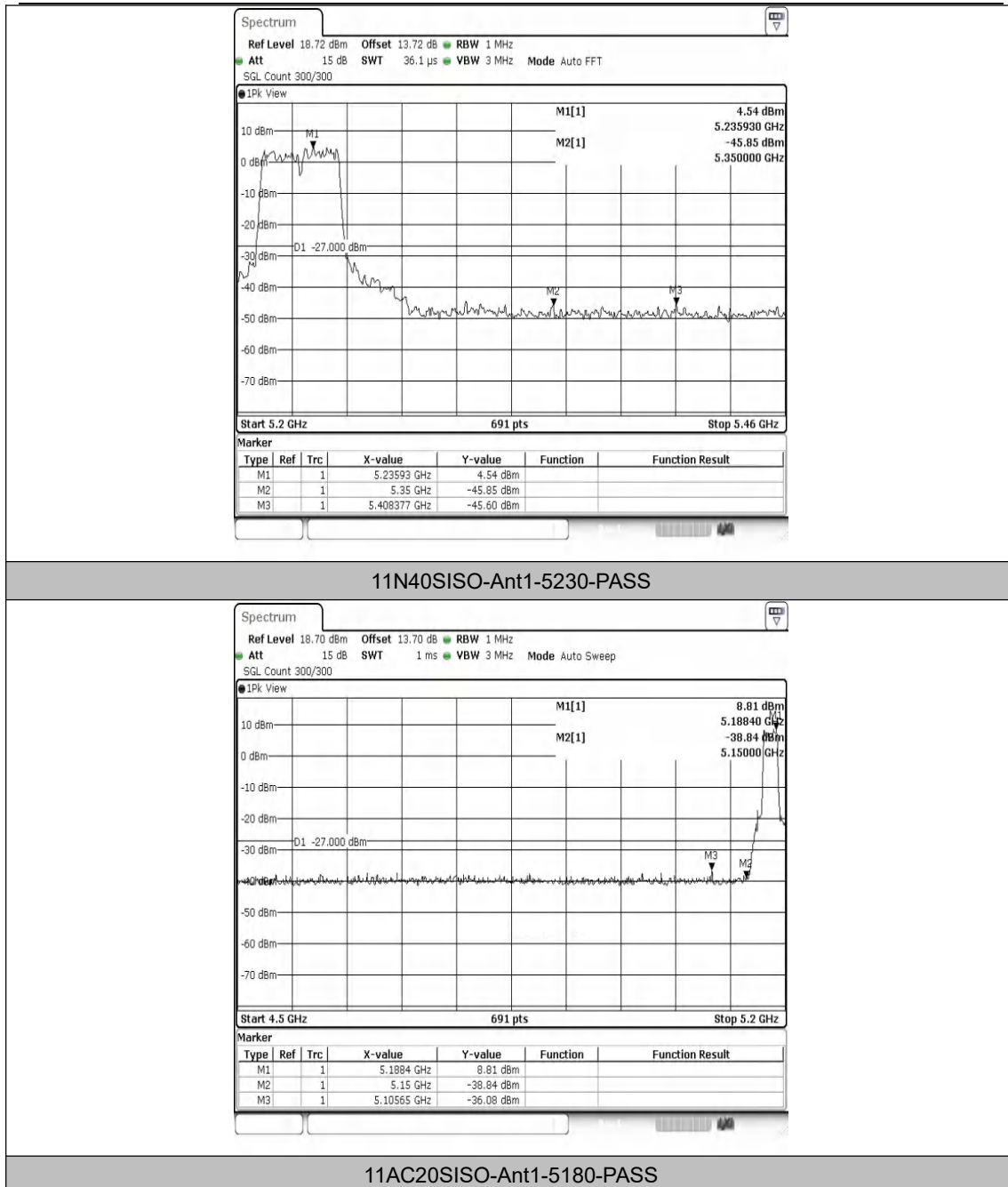
Note: The margin is at least greater than the antenna gain plus the cable loss.

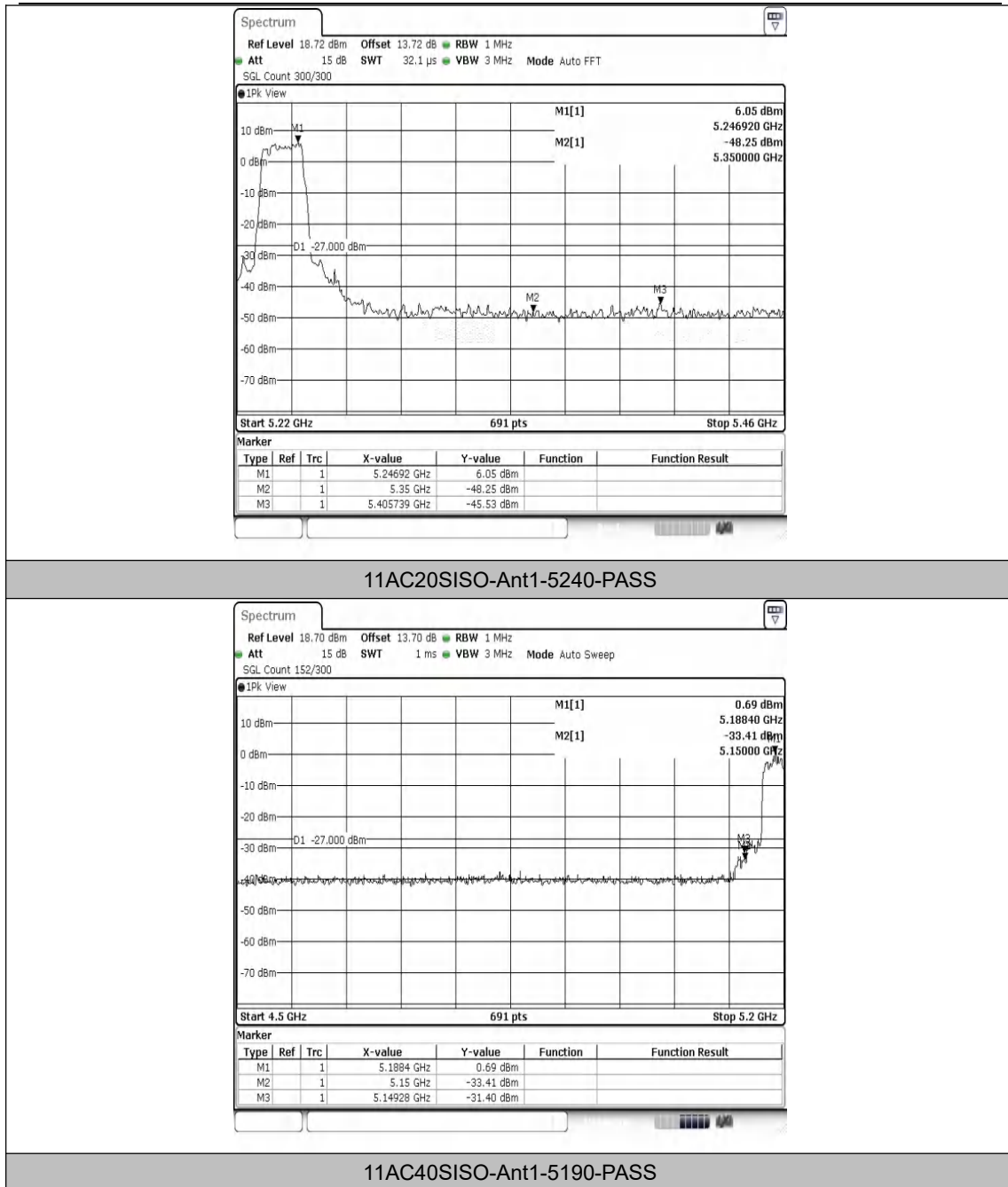
Test Graphs B1

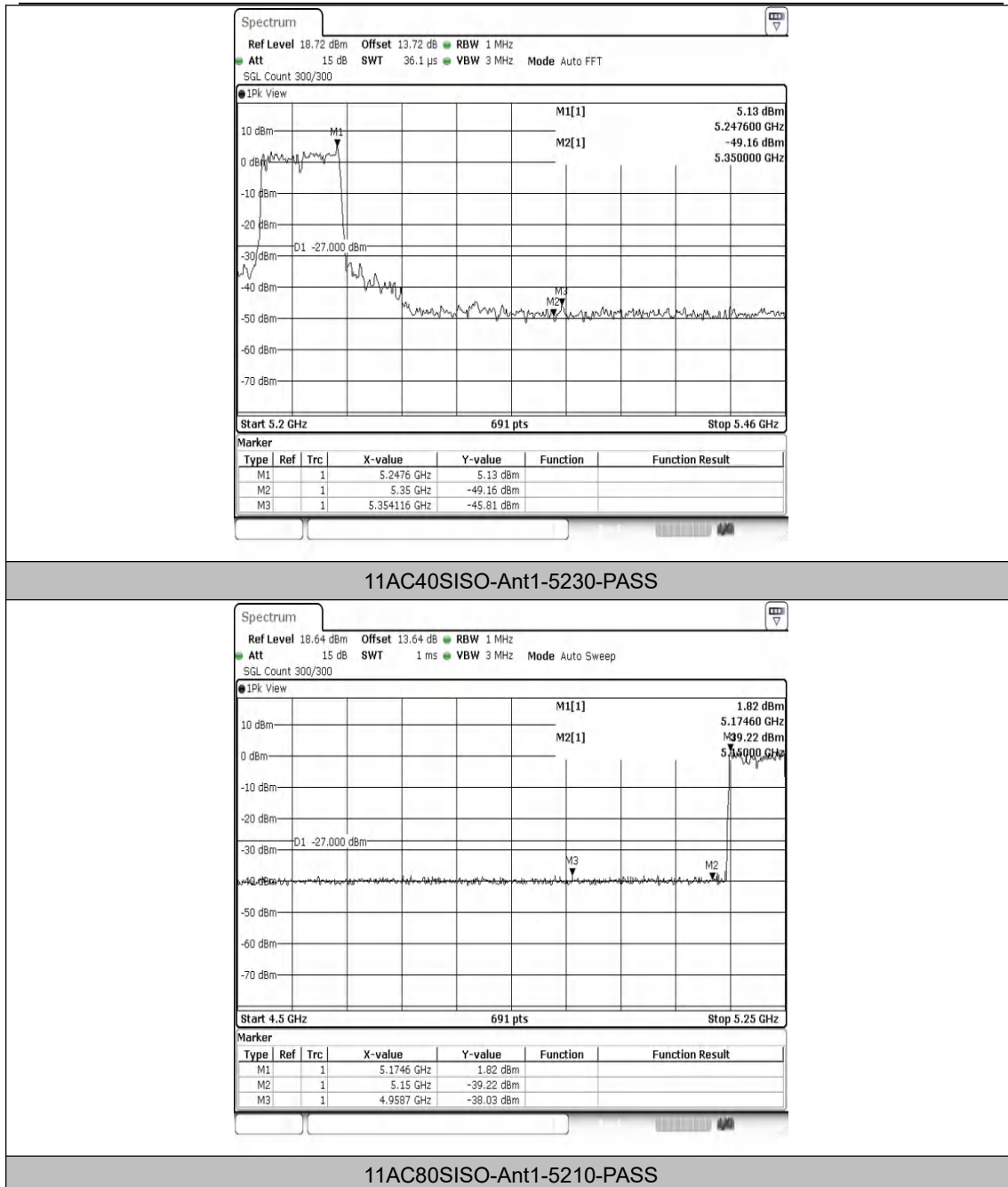


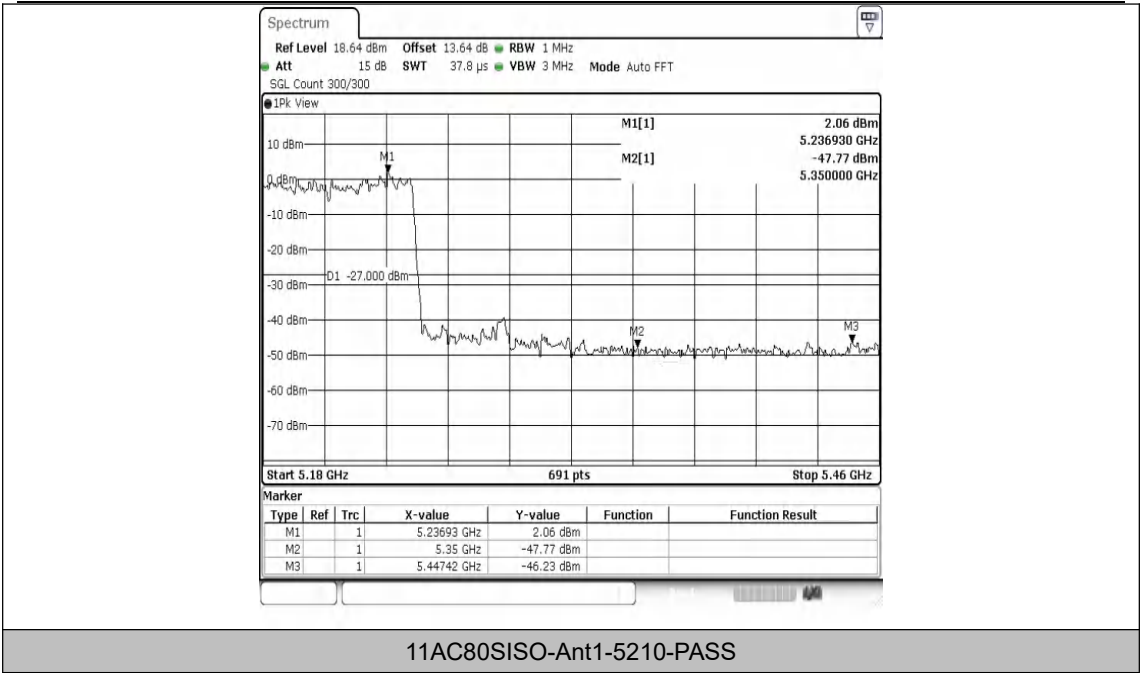












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