

Appendix Test Data

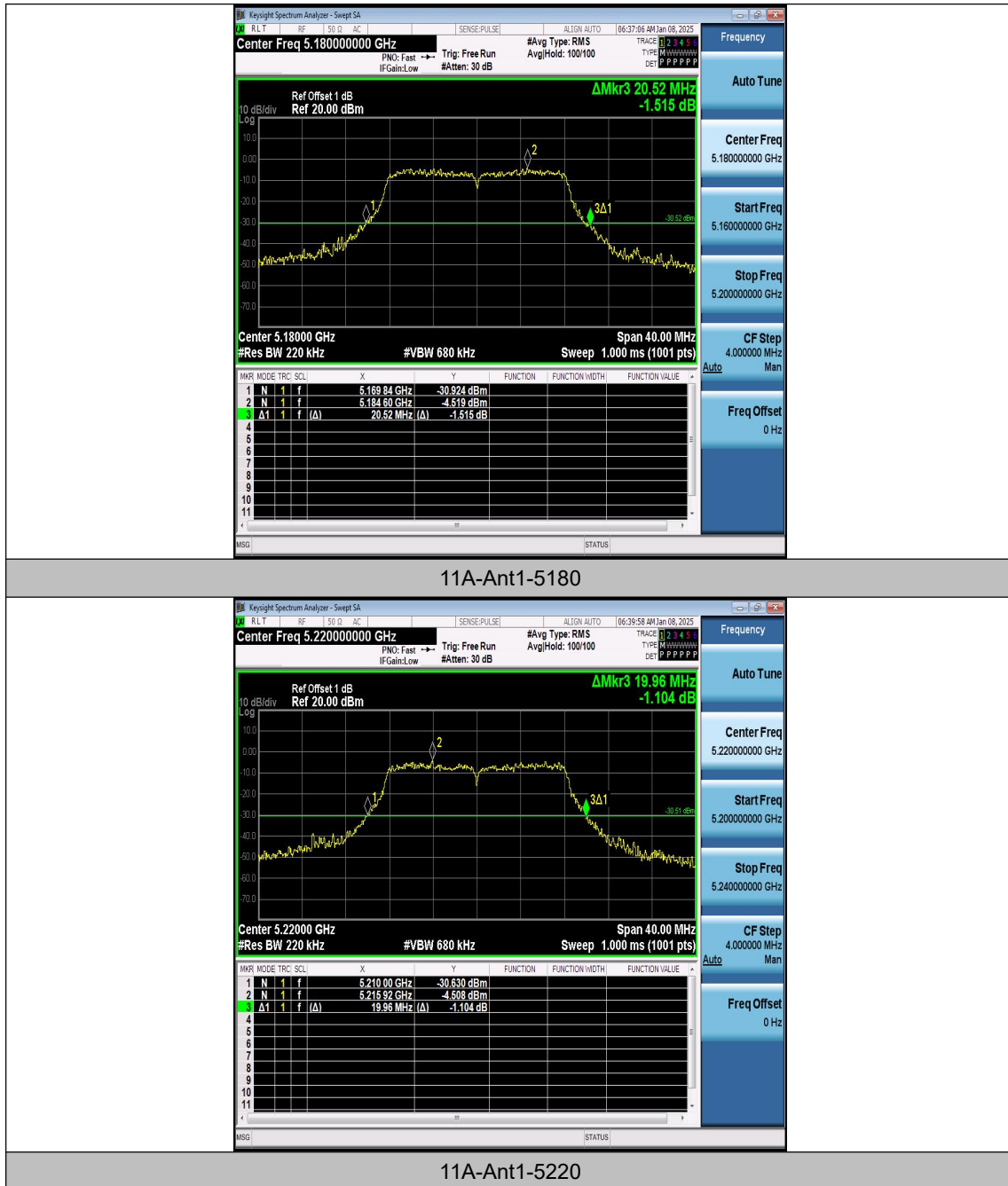
Report No.:	1812C40197912501	Test Sample No.:	1-2-2
Start Test Date:	2025.01.08	Finish Test Date:	2025.01.08
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.4°C	Relative Humidity:	55%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.520	5169.840	5190.360	---	---
11A	Ant1	5220	19.960	5210.000	5229.960	---	---
11A	Ant1	5240	20.200	5229.800	5250.000	---	---
11N20SISO	Ant1	5180	21.000	5169.320	5190.320	---	---
11N20SISO	Ant1	5220	21.240	5209.200	5230.440	---	---
11N20SISO	Ant1	5240	20.760	5229.640	5250.400	---	---

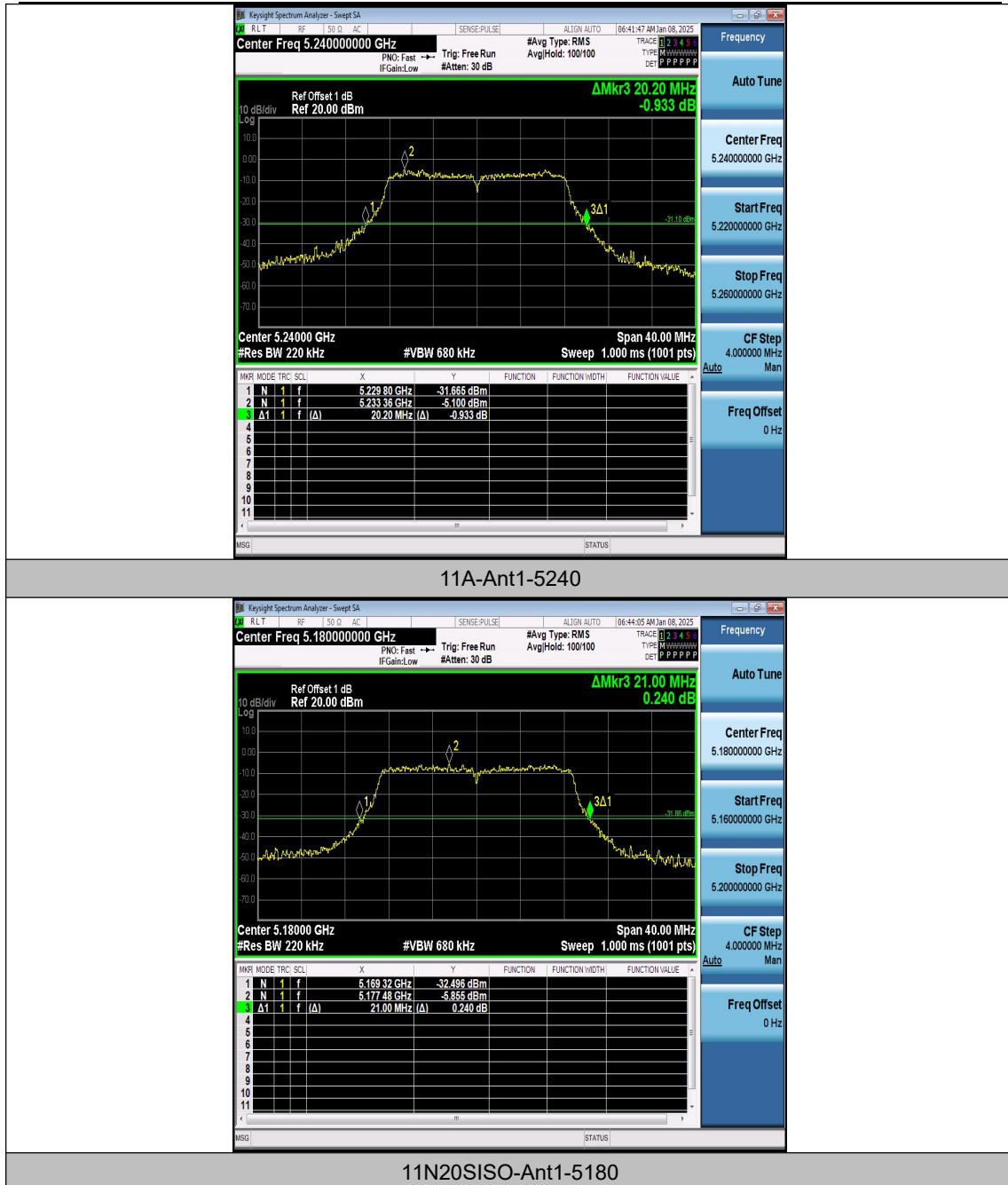
Test Graphs



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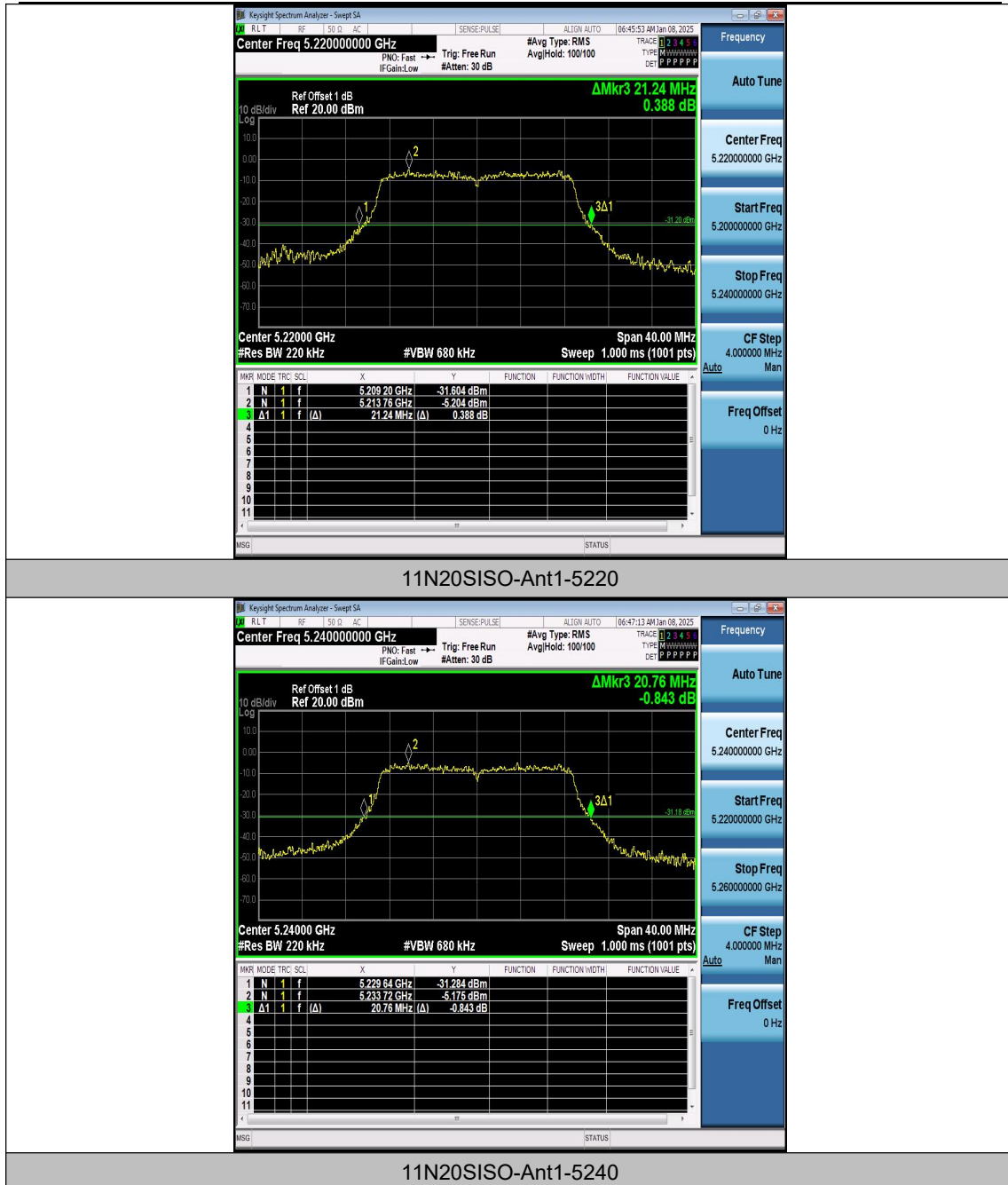


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Appendix A2: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.023	5171.5129	5188.5359	---	---
11A	Ant1	5220	17.026	5211.5002	5228.5262	---	---
11A	Ant1	5240	17.019	5231.4784	5248.4974	---	---
11N20SISO	Ant1	5180	17.952	5170.9756	5188.9276	---	---
11N20SISO	Ant1	5220	17.954	5210.9907	5228.9447	---	---
11N20SISO	Ant1	5240	17.920	5231.0010	5248.9210	---	---

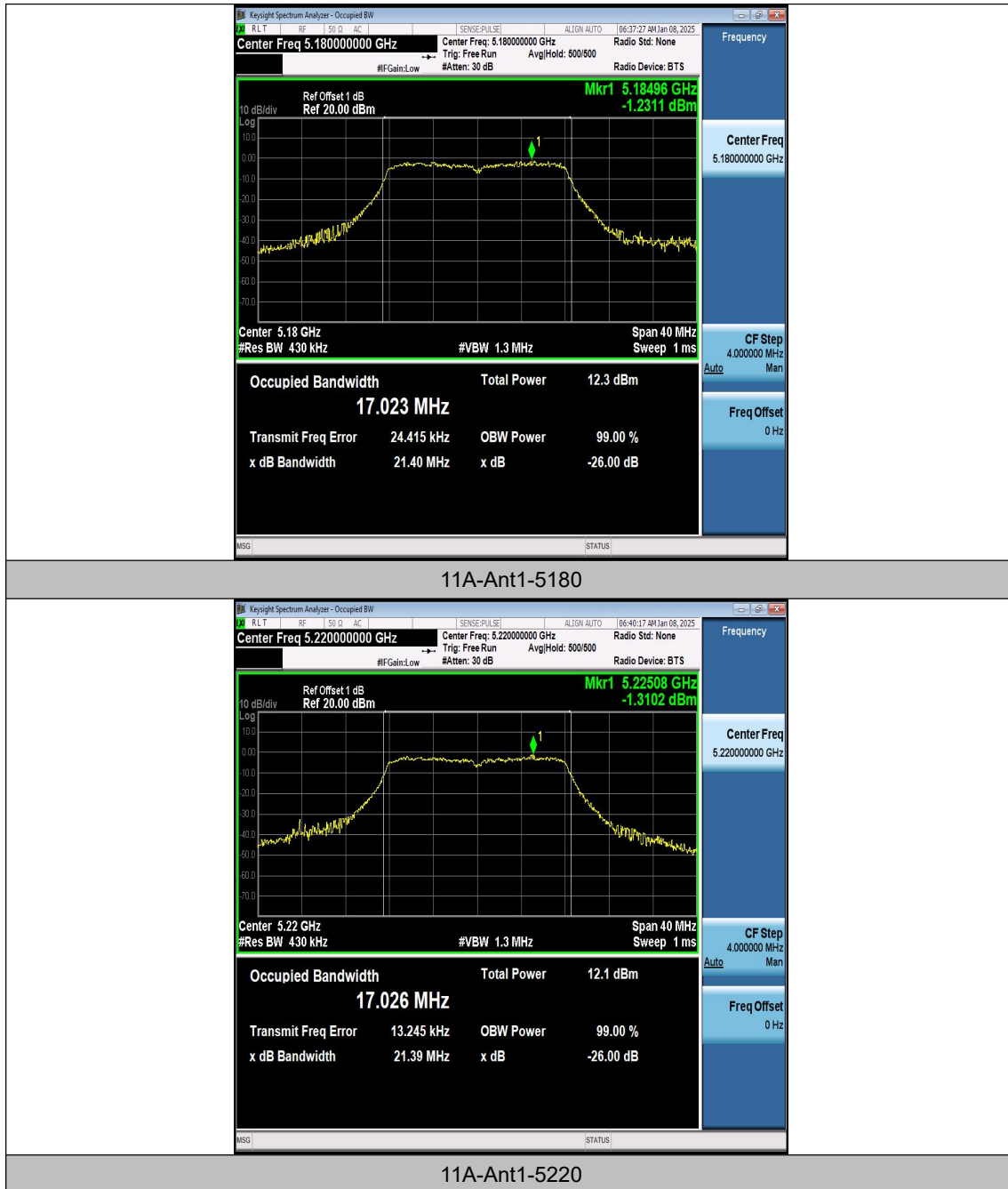
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Test Graphs

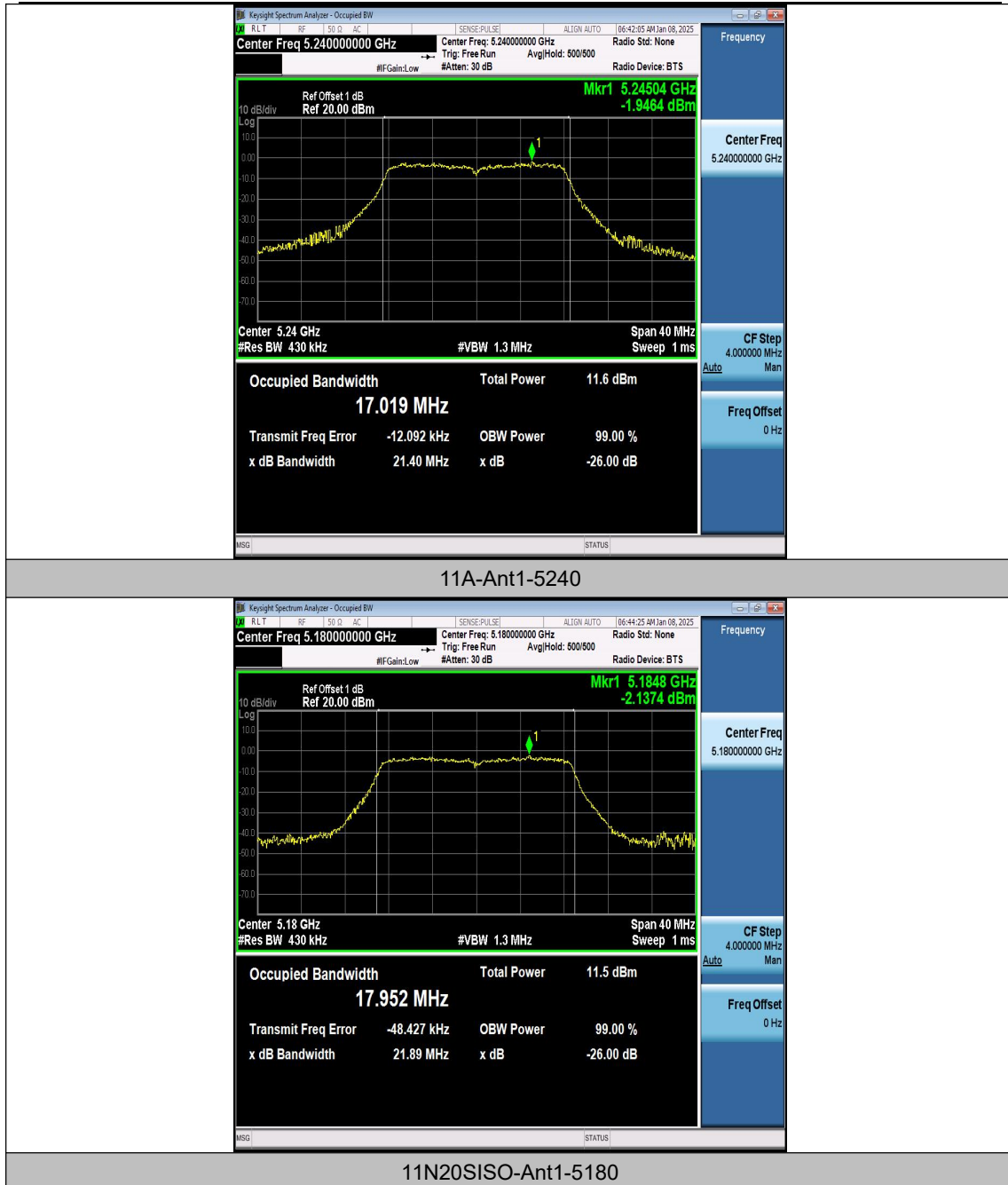


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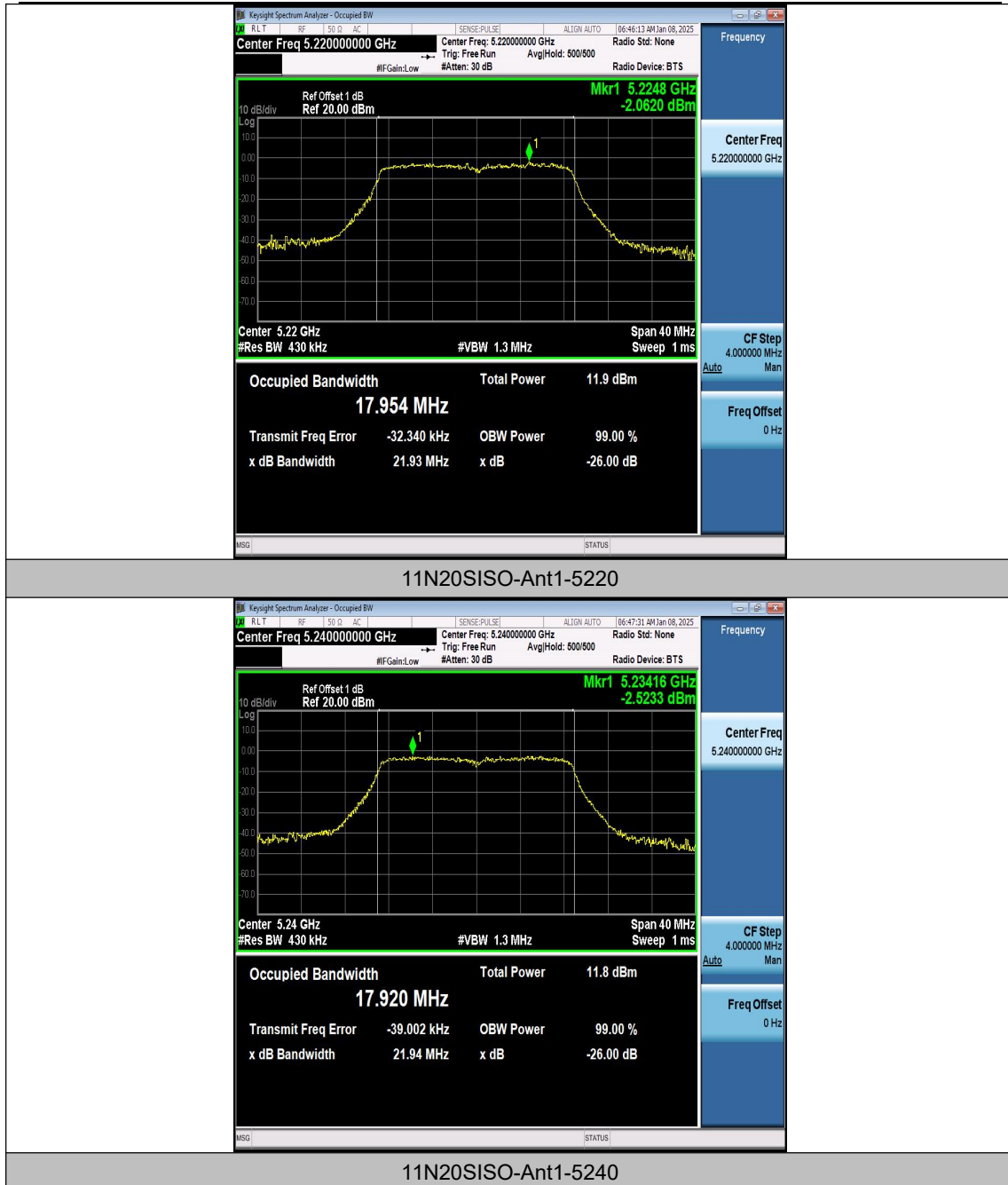


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Appendix B: Duty Cycle

Test Result

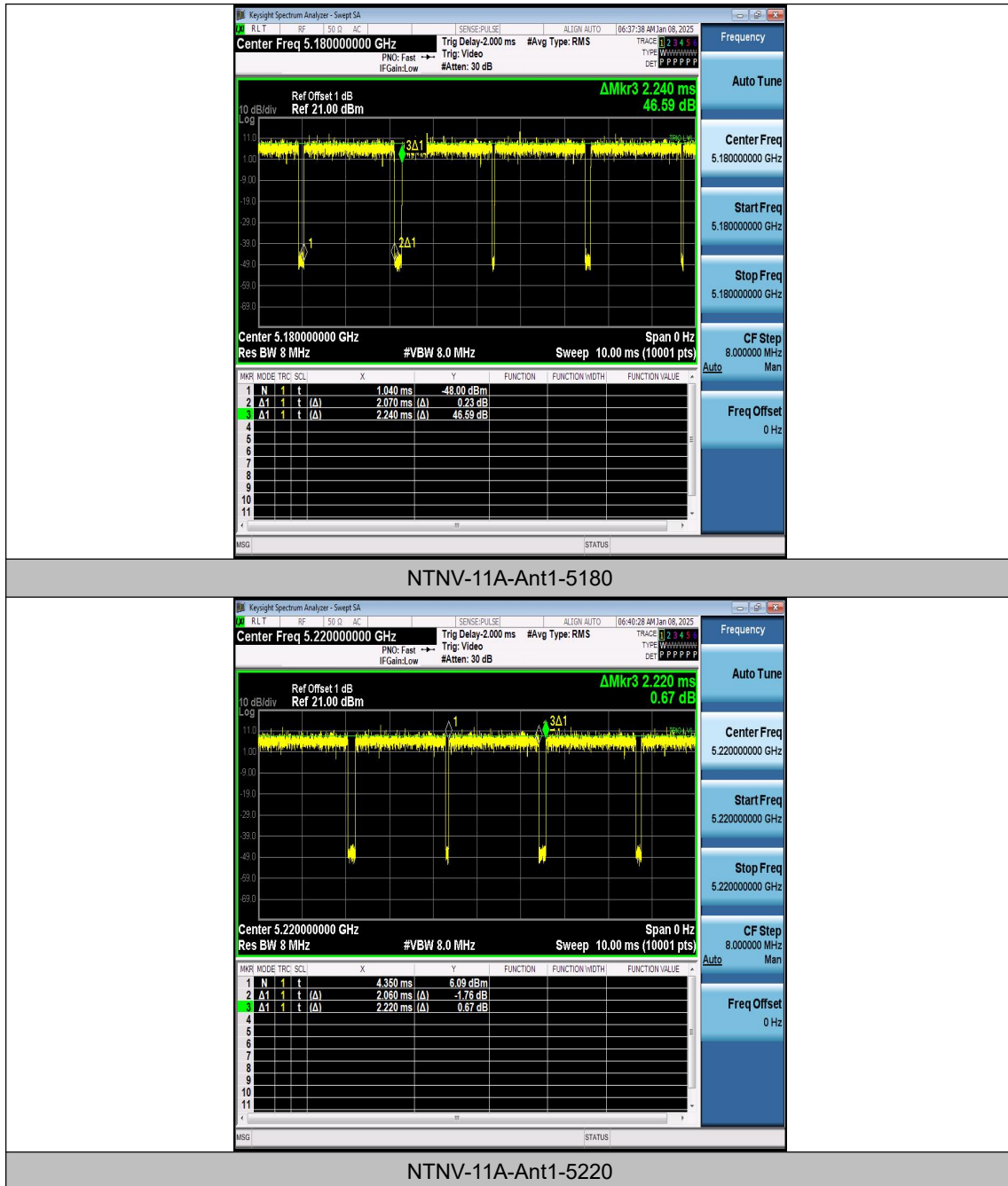
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5180	2.07	2.24	92.41	0.34	0.48
11A	Ant1	5220	2.06	2.22	92.79	0.32	0.49
11A	Ant1	5240	2.07	2.23	92.83	0.32	0.48
11N20SISO	Ant1	5180	1.92	2.24	85.71	0.67	0.52
11N20SISO	Ant1	5220	1.92	2.04	94.12	0.26	0.52
11N20SISO	Ant1	5240	1.92	2.07	92.75	0.33	0.52

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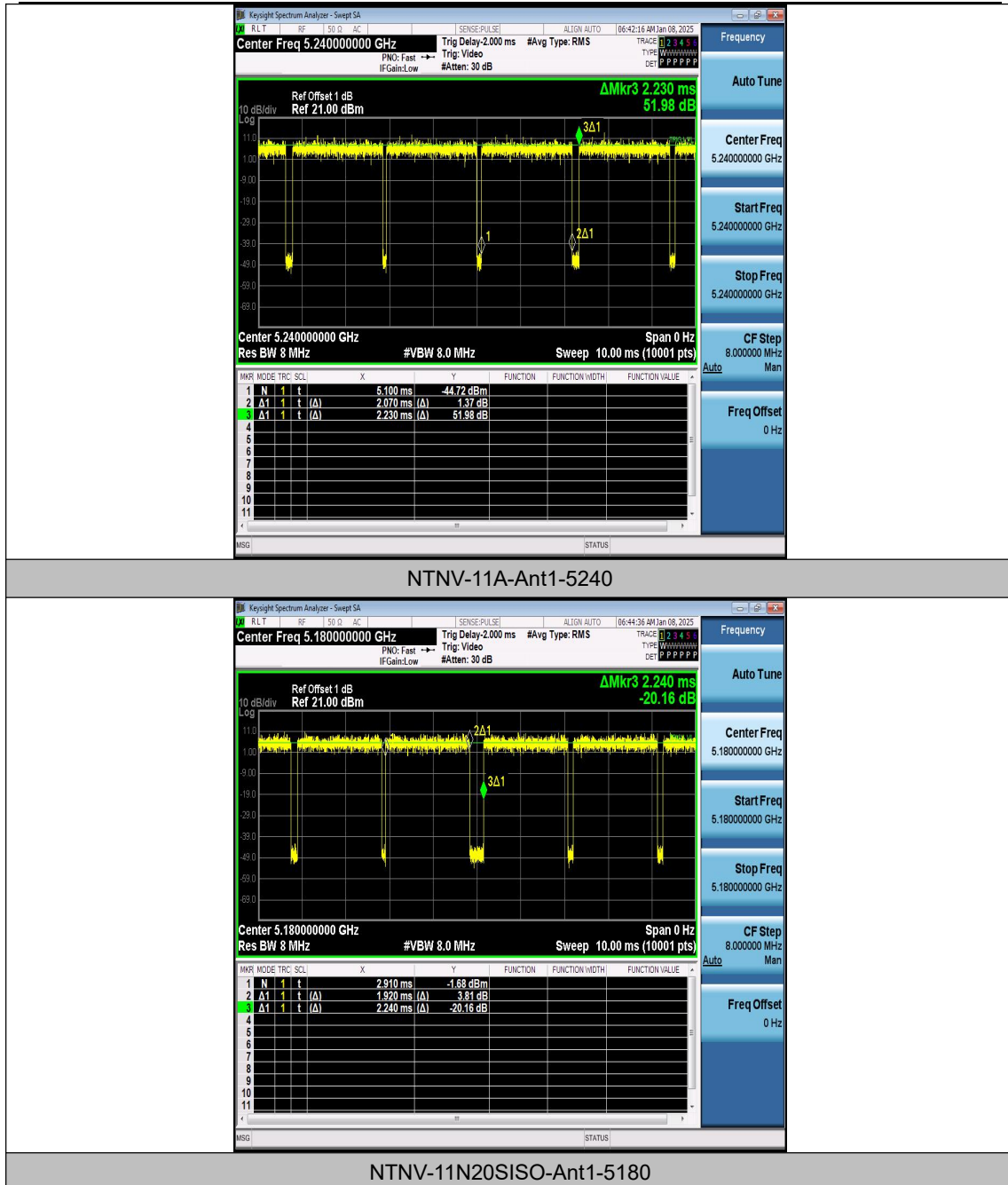
Test Graphs



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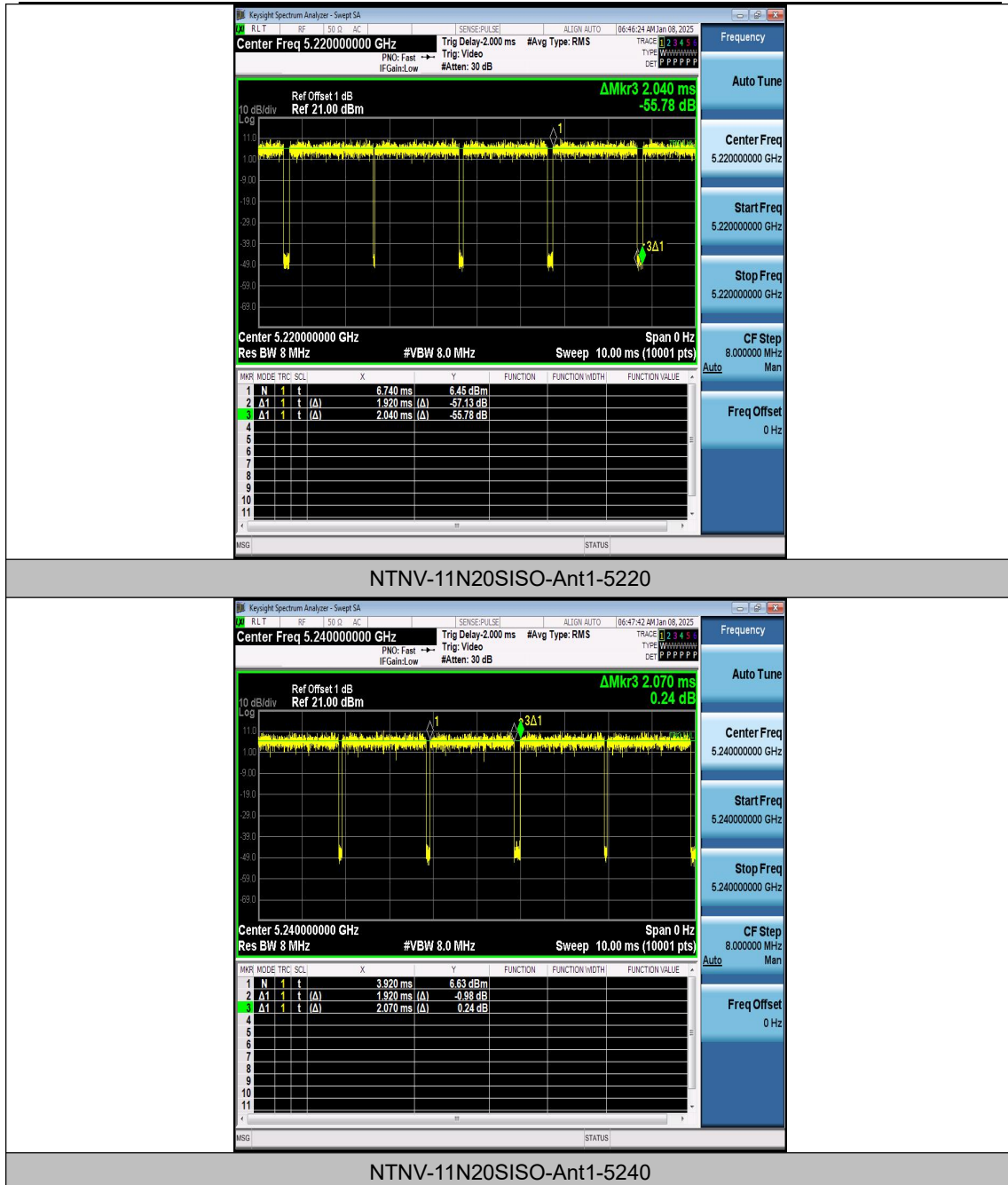


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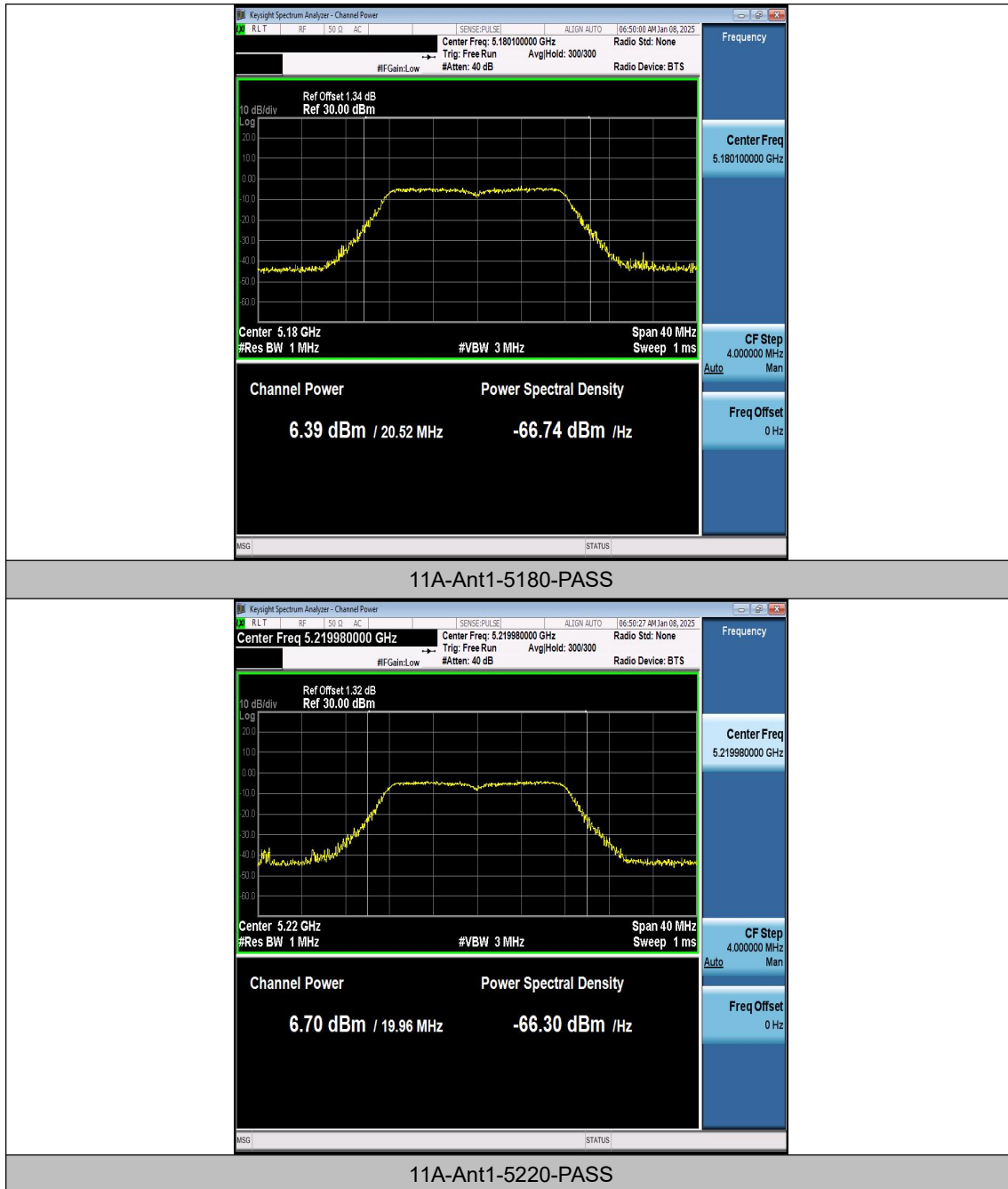
Appendix C: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	6.05	92.41	0.34	6.39	≤23.98	PASS
11A	Ant1	5220	---	6.38	92.79	0.32	6.70	≤23.98	PASS
11A	Ant1	5240	---	6.26	92.83	0.32	6.58	≤23.98	PASS
11N20SI SO	Ant1	5180	---	6.09	85.71	0.67	6.76	≤23.98	PASS
11N20SI SO	Ant1	5220	---	6.43	94.12	0.26	6.69	≤23.98	PASS
11N20SI SO	Ant1	5240	---	6.37	92.75	0.33	6.70	≤23.98	PASS

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

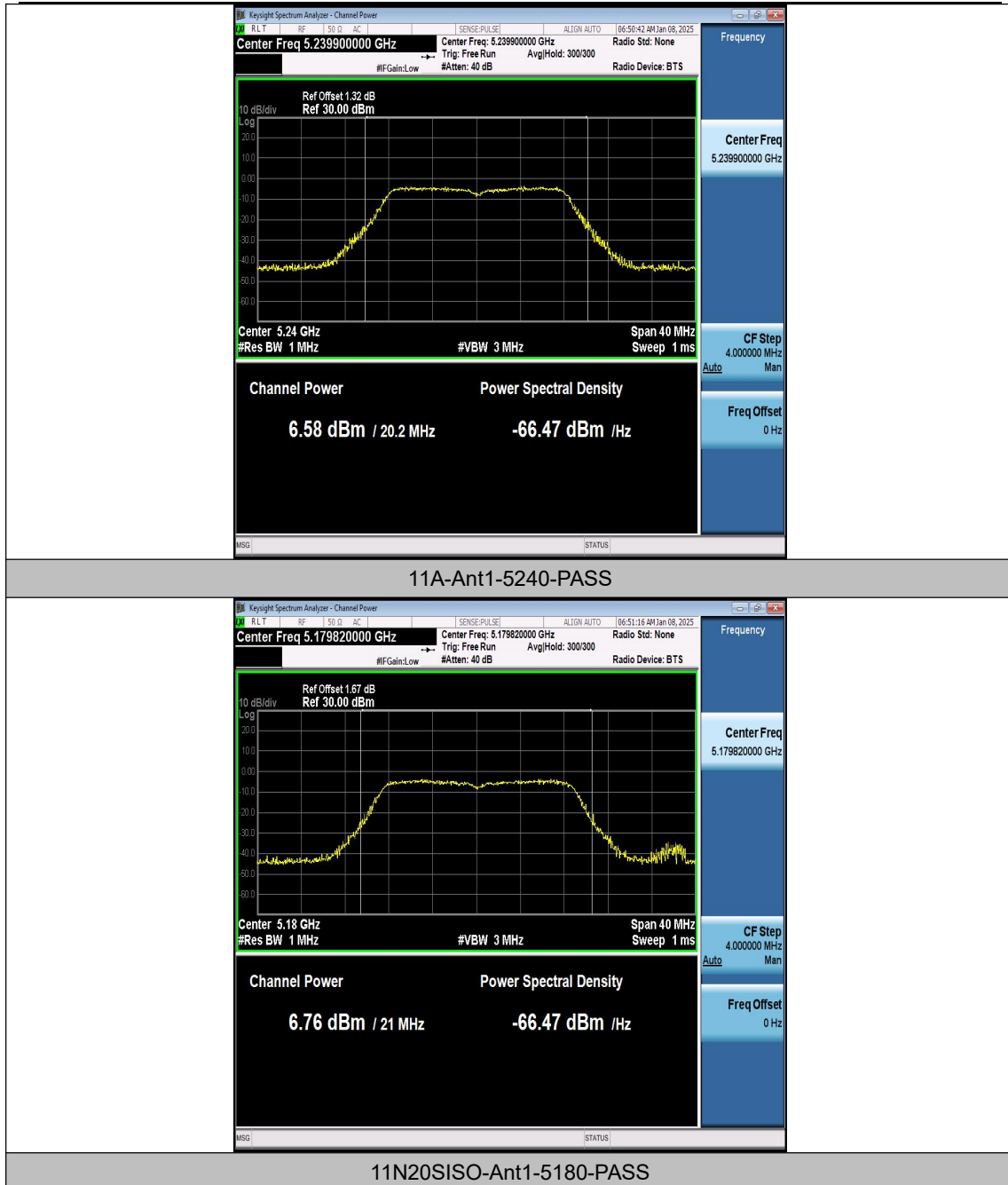
Test Graphs Channel Power



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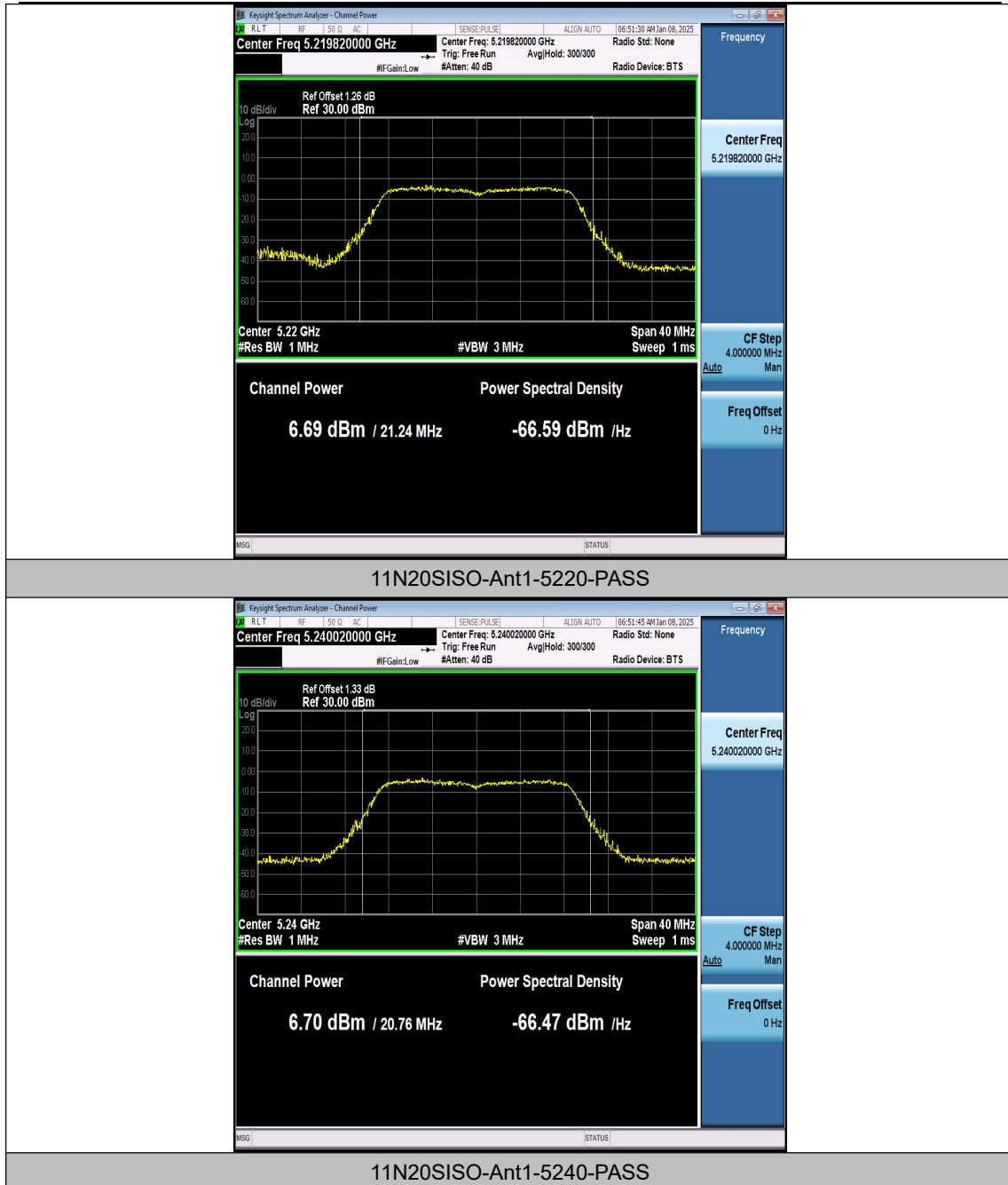


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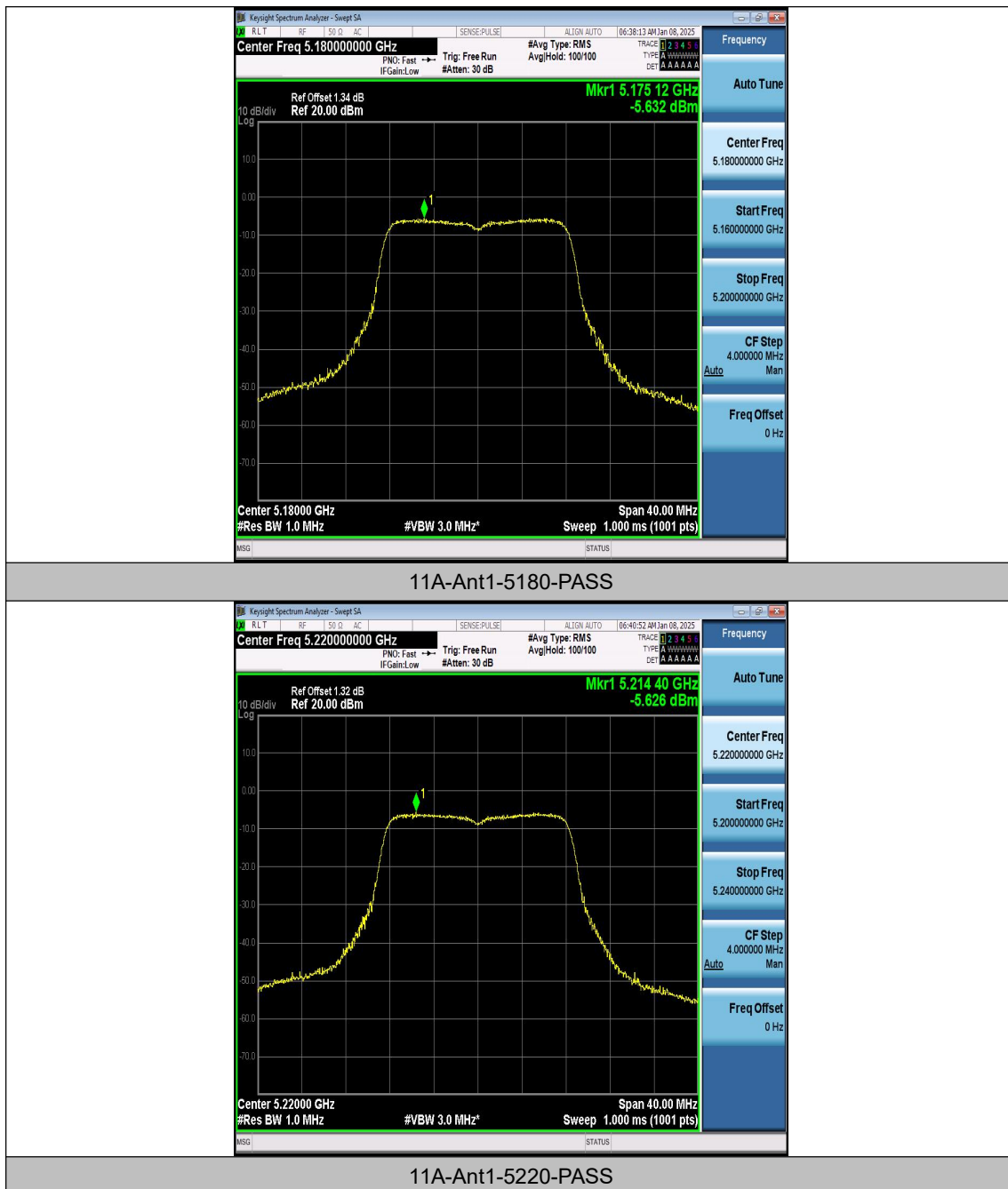
Appendix D: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-5.63	≤11.00	PASS
11A	Ant1	5220	-5.63	≤11.00	PASS
11A	Ant1	5240	-5.82	≤11.00	PASS
11N20SISO	Ant1	5180	-6.32	≤11.00	PASS
11N20SISO	Ant1	5220	-5.91	≤11.00	PASS
11N20SISO	Ant1	5240	-6.02	≤11.00	PASS

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

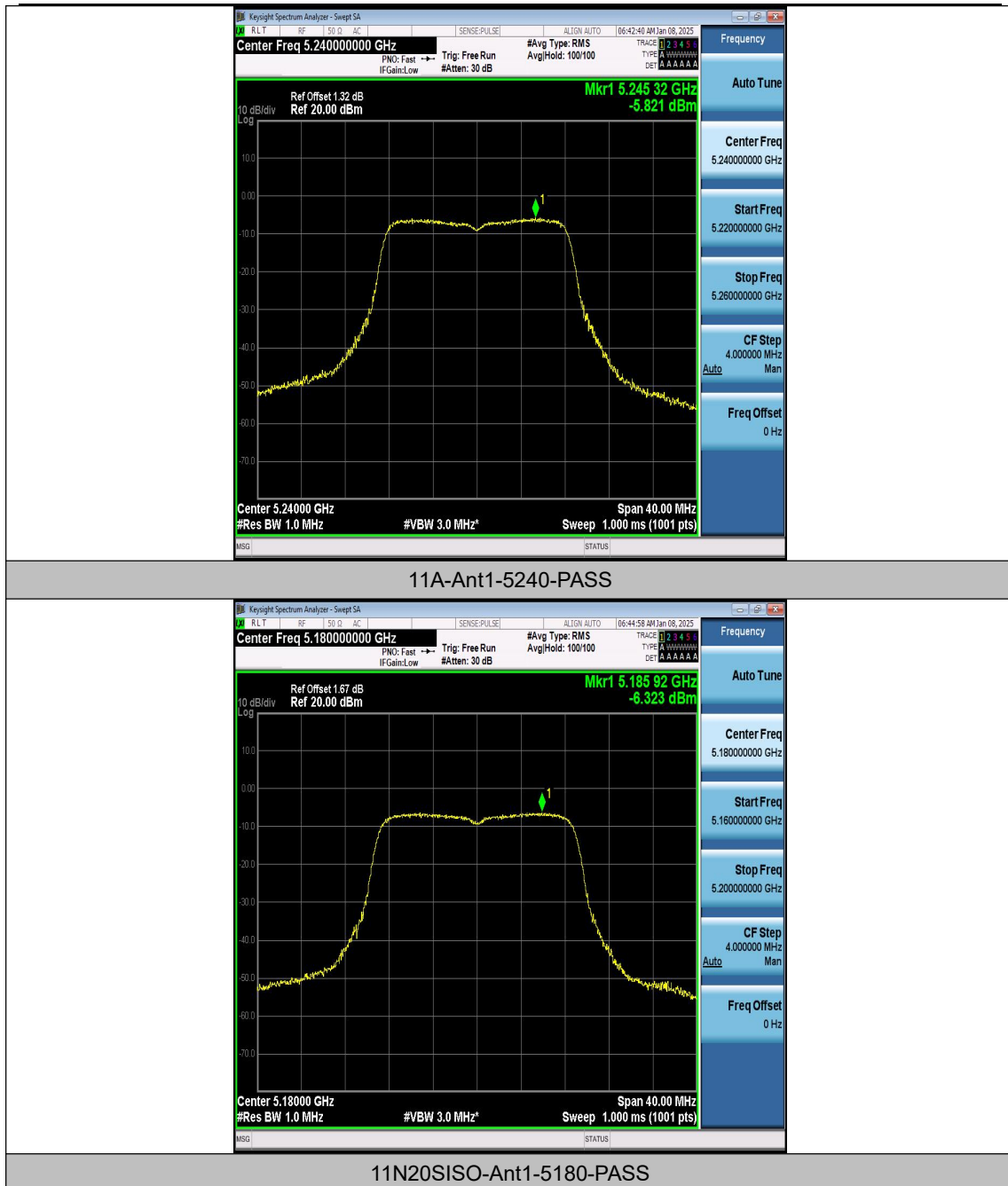
Test Graphs



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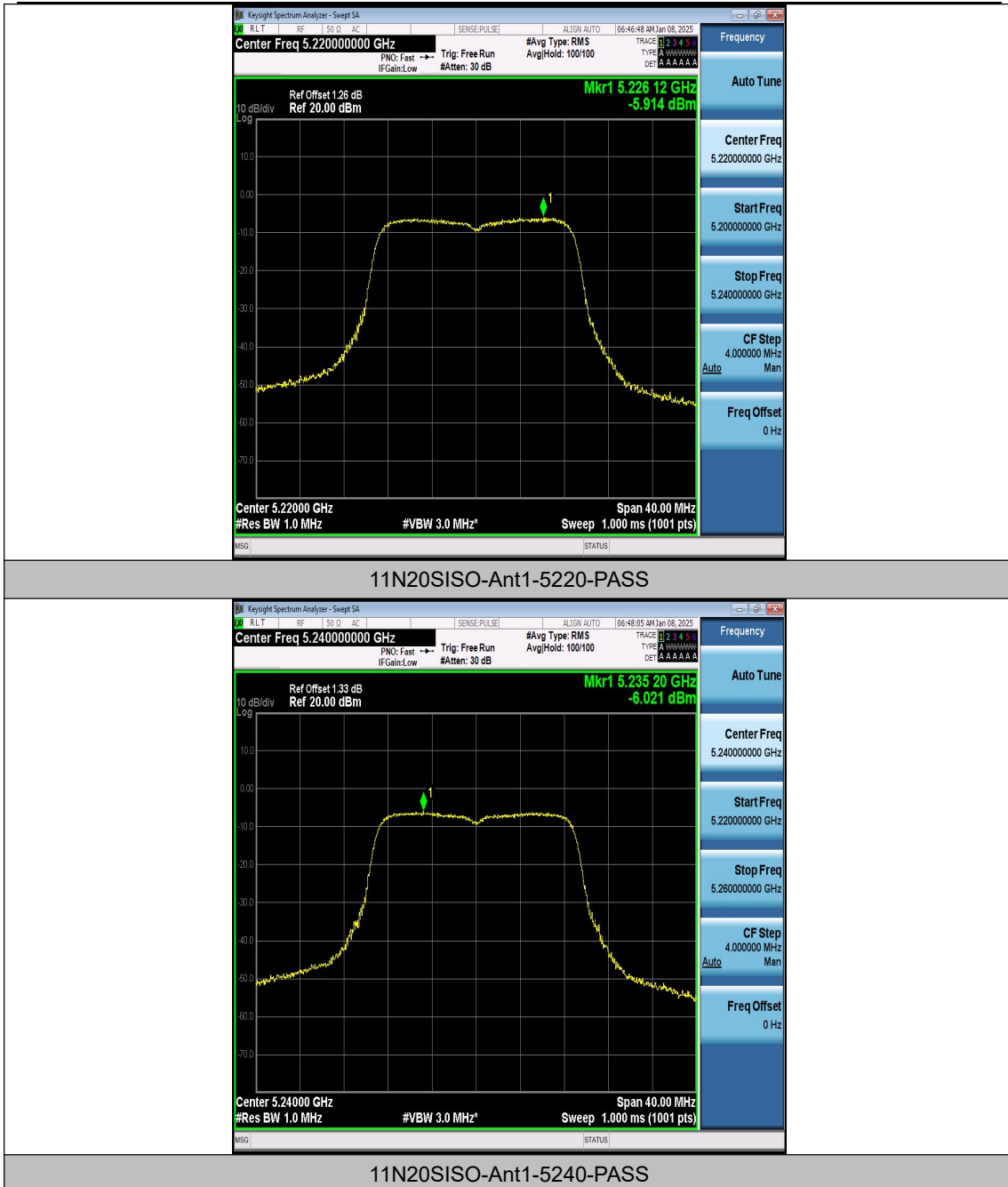


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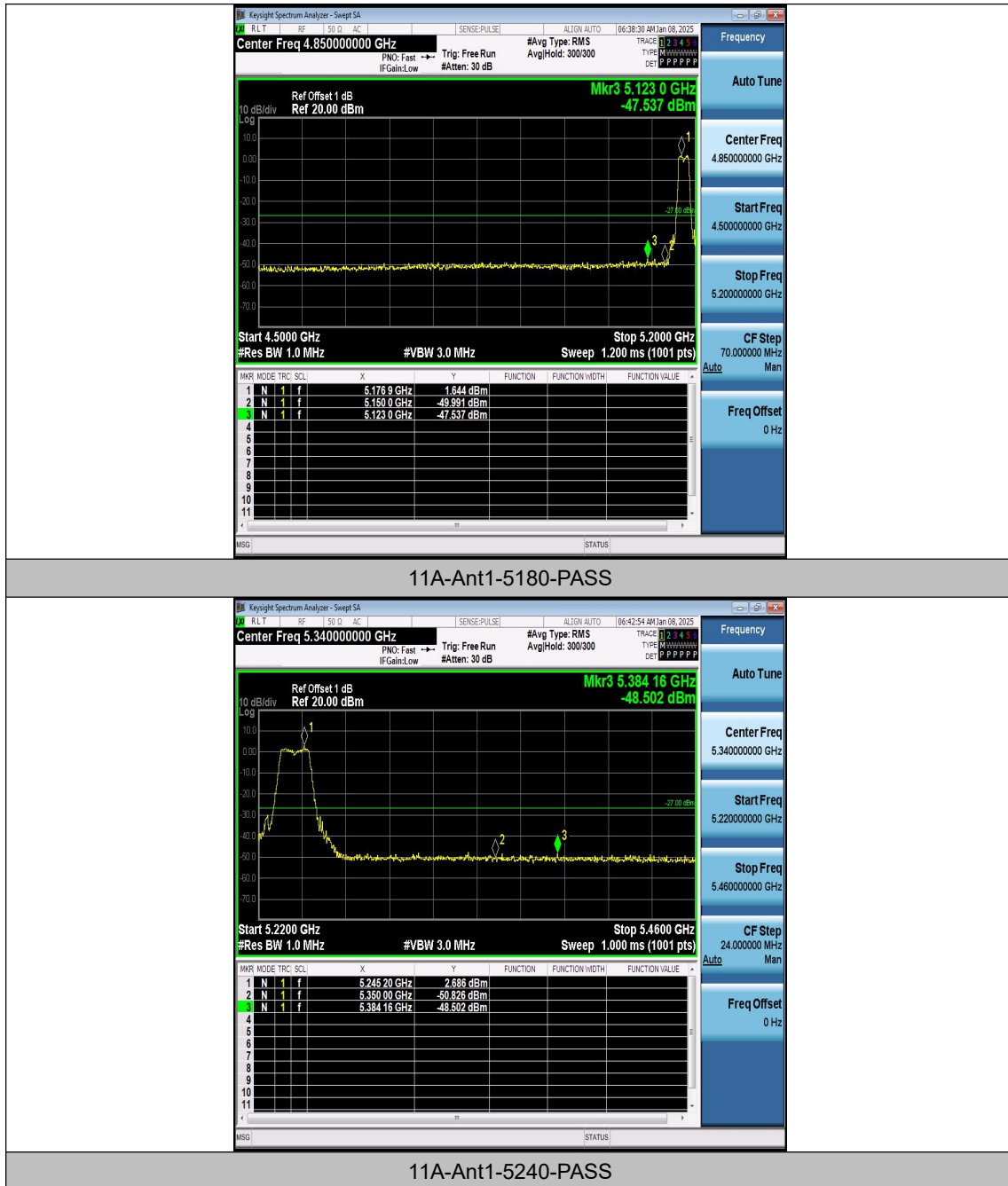
Appendix E: Band edge measurements

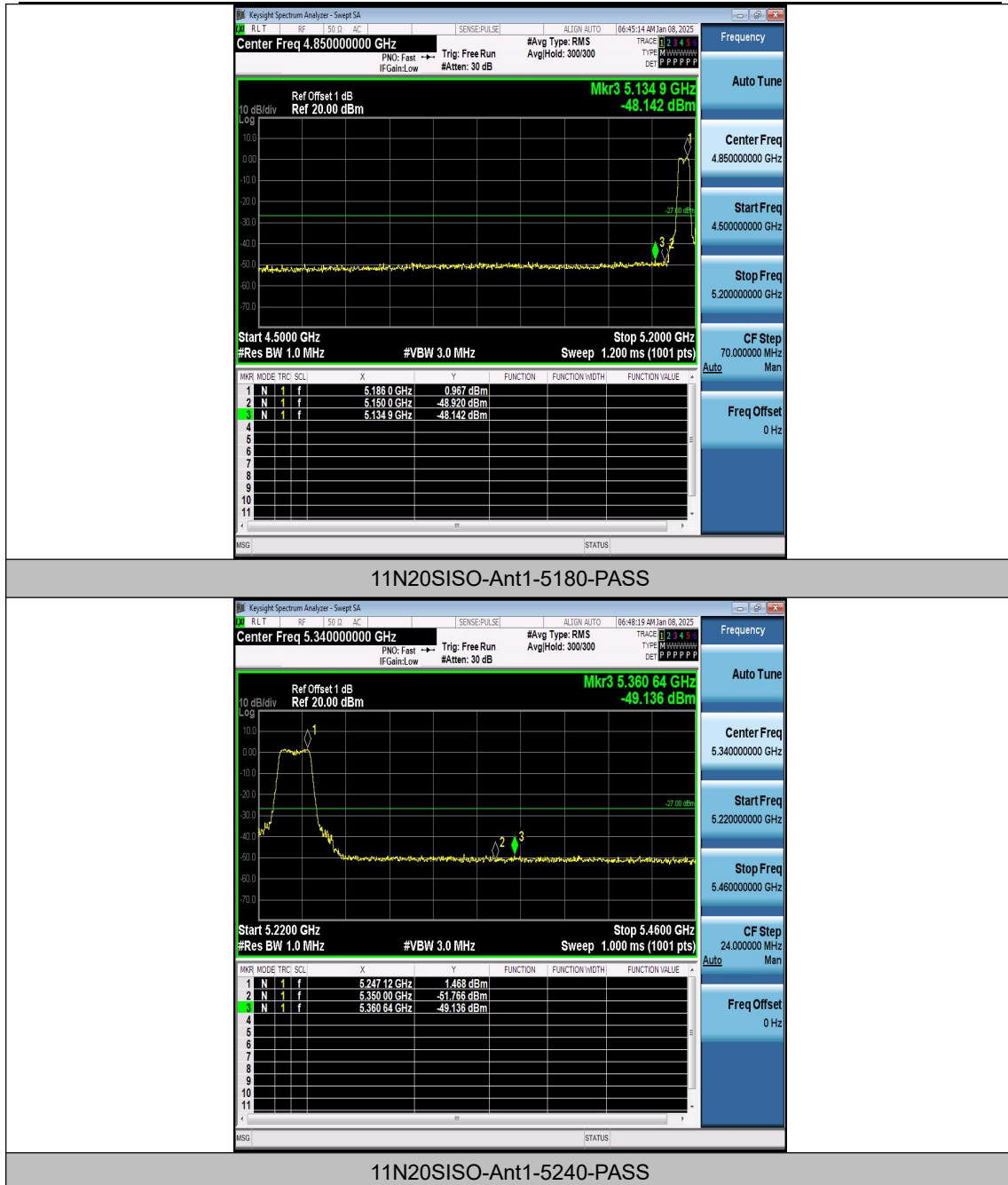
Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	Low	5180	-47.54	≤-27	PASS
11A	Ant1	High	5240	-48.5	≤-27	PASS
11N20SISO	Ant1	Low	5180	-48.14	≤-27	PASS
11N20SISO	Ant1	High	5240	-49.14	≤-27	PASS

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

Test Graphs B1





---END---

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