

Appendix Test Data

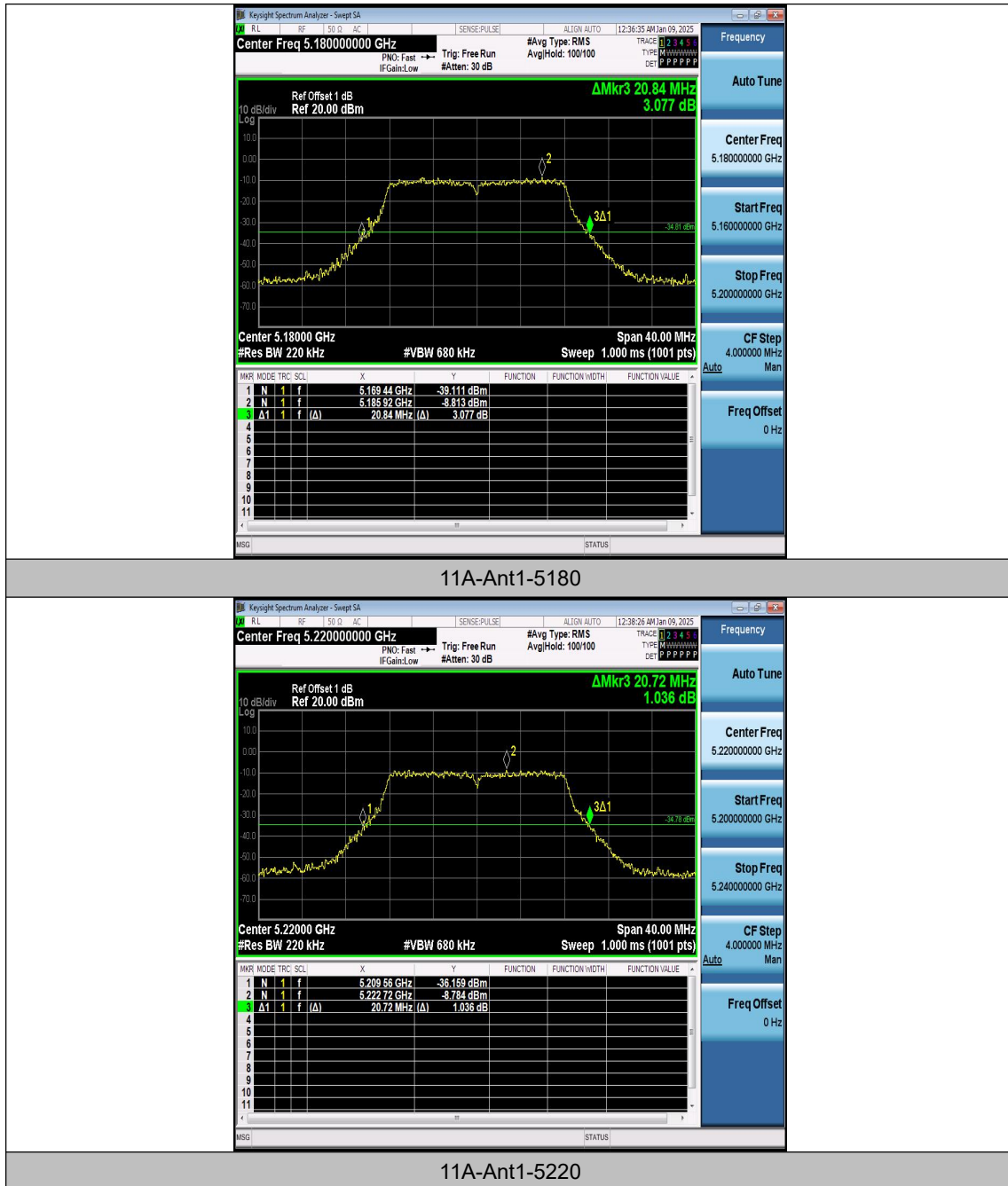
Report No.:	1812C40200912501	Test Sample No.:	1-2-2
Start Test Date:	2025.01.09	Finish Test Date:	2025.01.09
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.3°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.840	5169.440	5190.280	---	---
11A	Ant1	5220	20.720	5209.560	5230.280	---	---
11A	Ant1	5240	20.840	5229.560	5250.400	---	---
11N20SISO	Ant1	5180	20.960	5169.360	5190.320	---	---
11N20SISO	Ant1	5220	21.800	5209.320	5231.120	---	---
11N20SISO	Ant1	5240	21.480	5229.360	5250.840	---	---

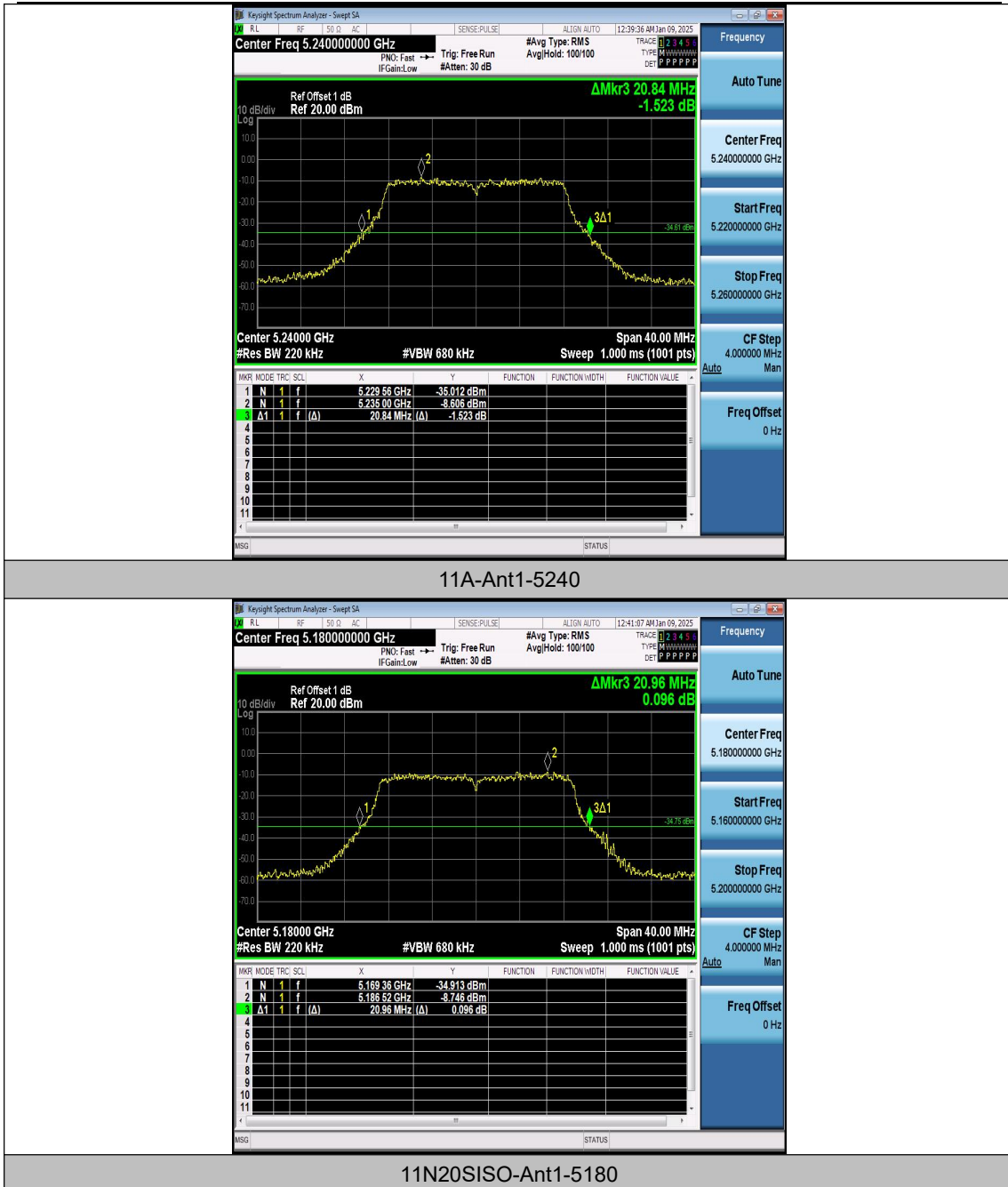
Test Graphs



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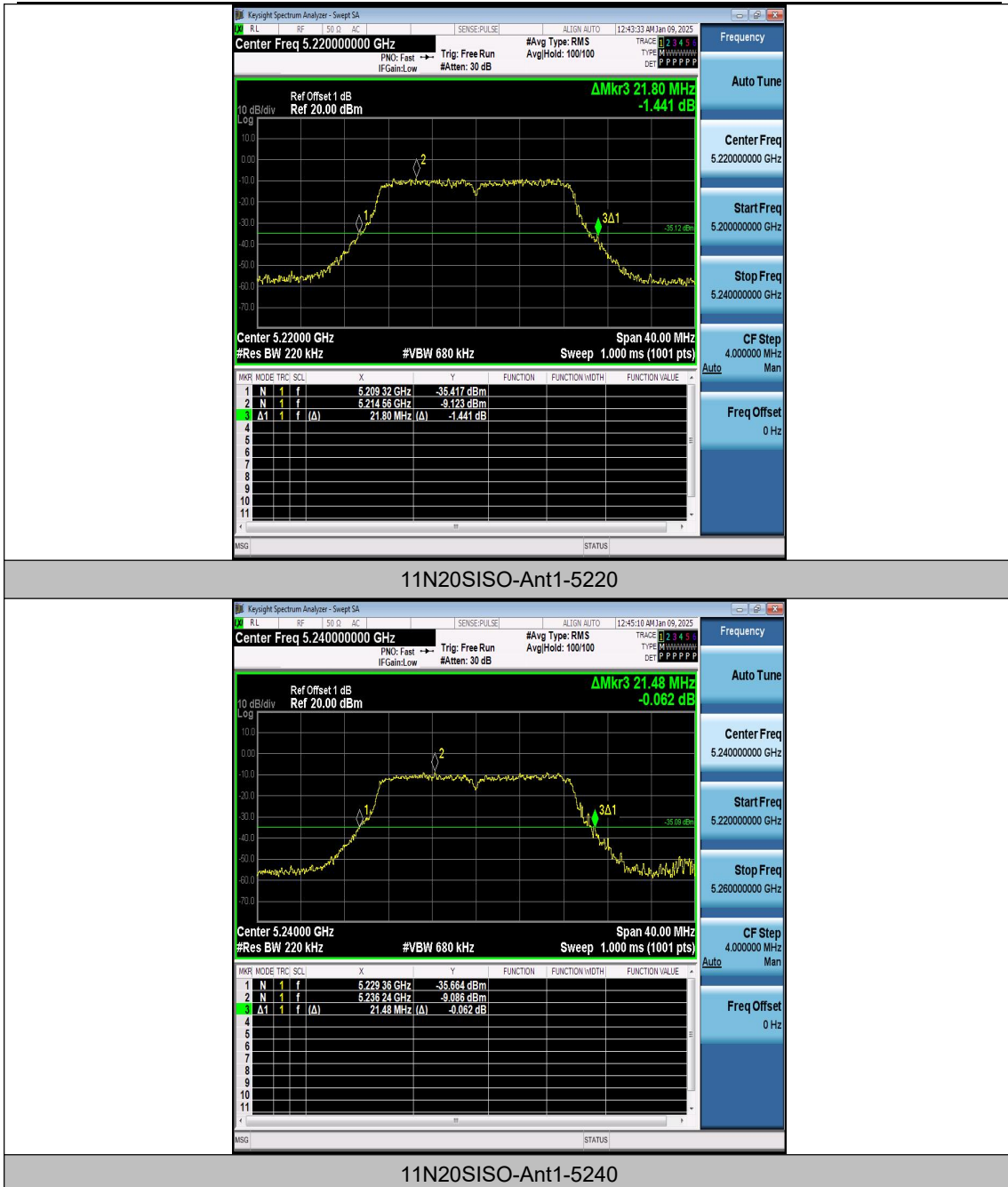


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Appendix A2: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.034	5171.4926	5188.5266	---	---
11A	Ant1	5220	17.030	5211.4684	5228.4984	---	---
11A	Ant1	5240	17.066	5231.4410	5248.5070	---	---
11N20SISO	Ant1	5180	18.086	5171.0124	5189.0984	---	---
11N20SISO	Ant1	5220	18.182	5210.9772	5229.1592	---	---
11N20SISO	Ant1	5240	18.082	5230.9914	5249.0734	---	---

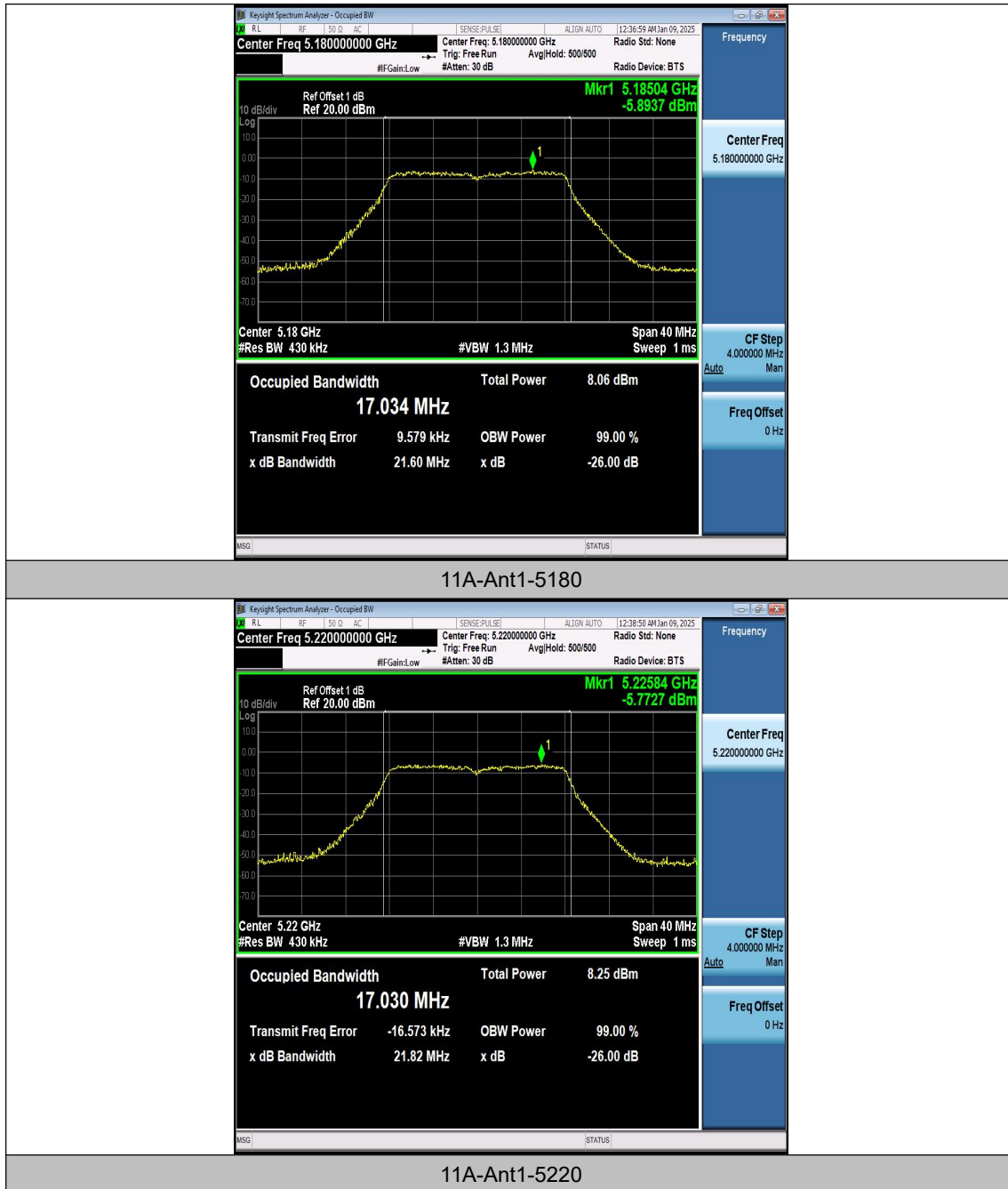
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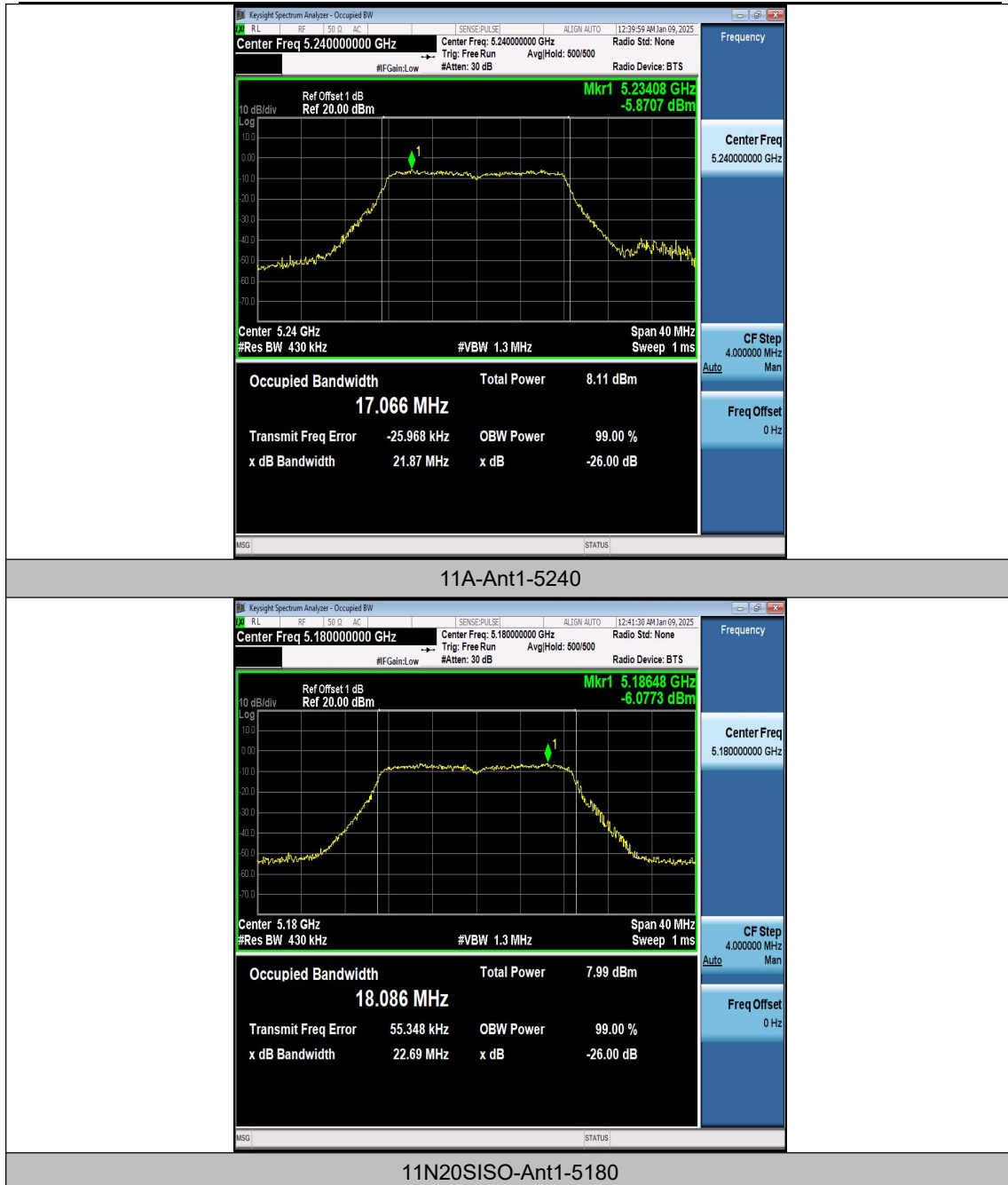
Test Graphs



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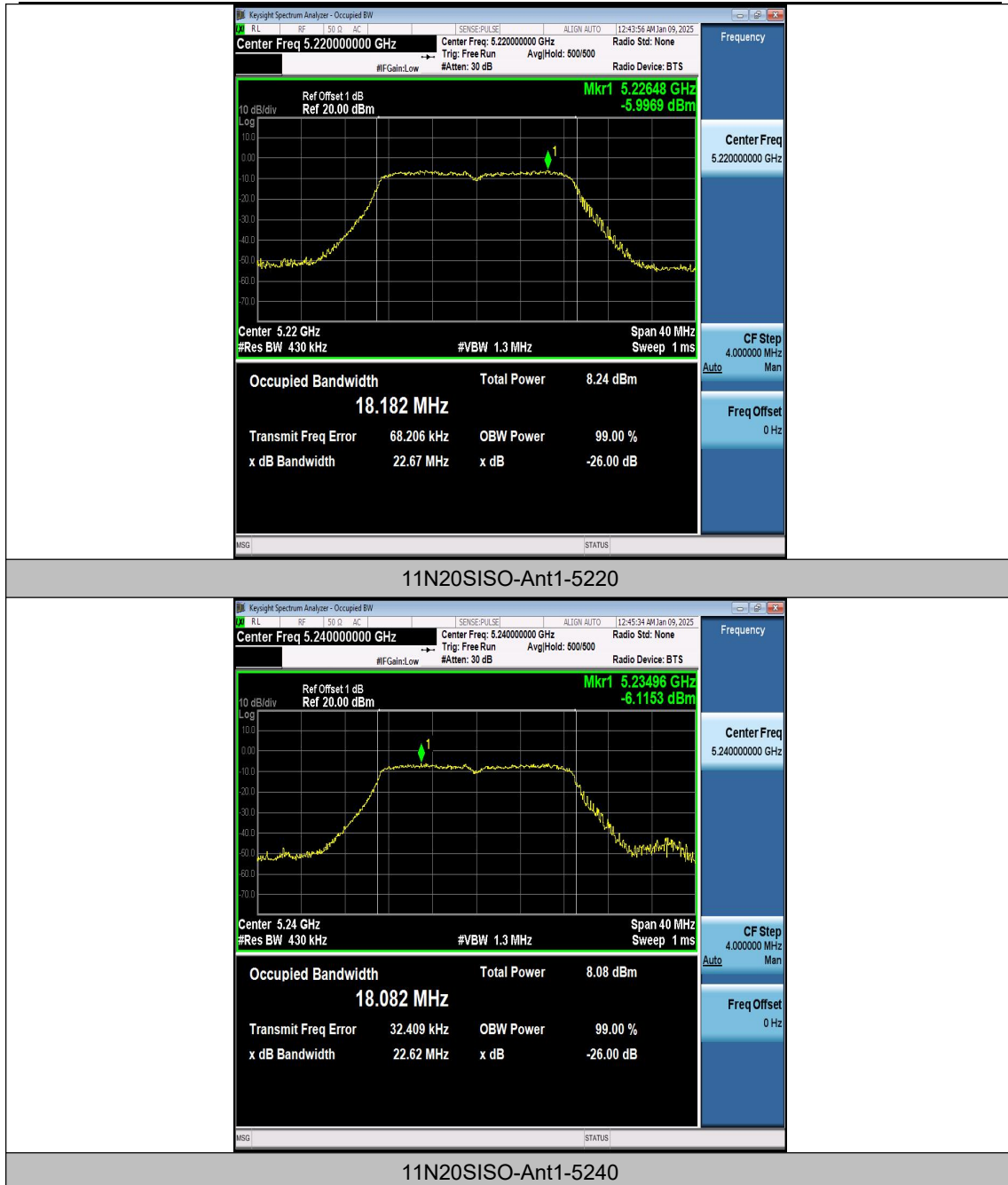


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Appendix B: Duty Cycle

Test Result

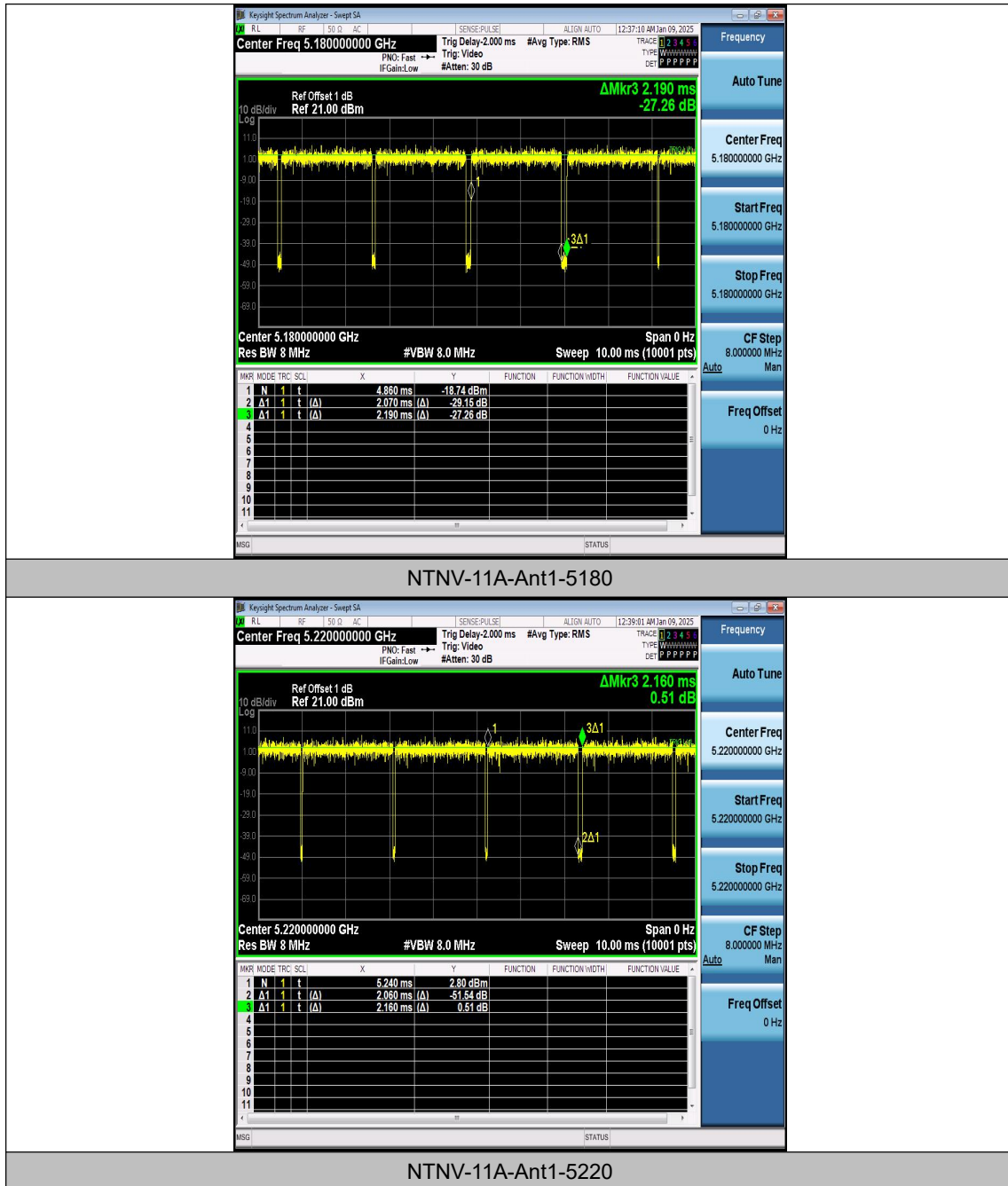
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5180	2.07	2.19	94.52	0.24	0.48
11A	Ant1	5220	2.06	2.16	95.37	0.21	0.49
11A	Ant1	5240	2.06	2.19	94.06	0.27	0.49
11N20SISO	Ant1	5180	1.92	2.03	94.58	0.24	0.52
11N20SISO	Ant1	5220	1.92	2.08	92.31	0.35	0.52
11N20SISO	Ant1	5240	1.92	2.06	93.20	0.31	0.52

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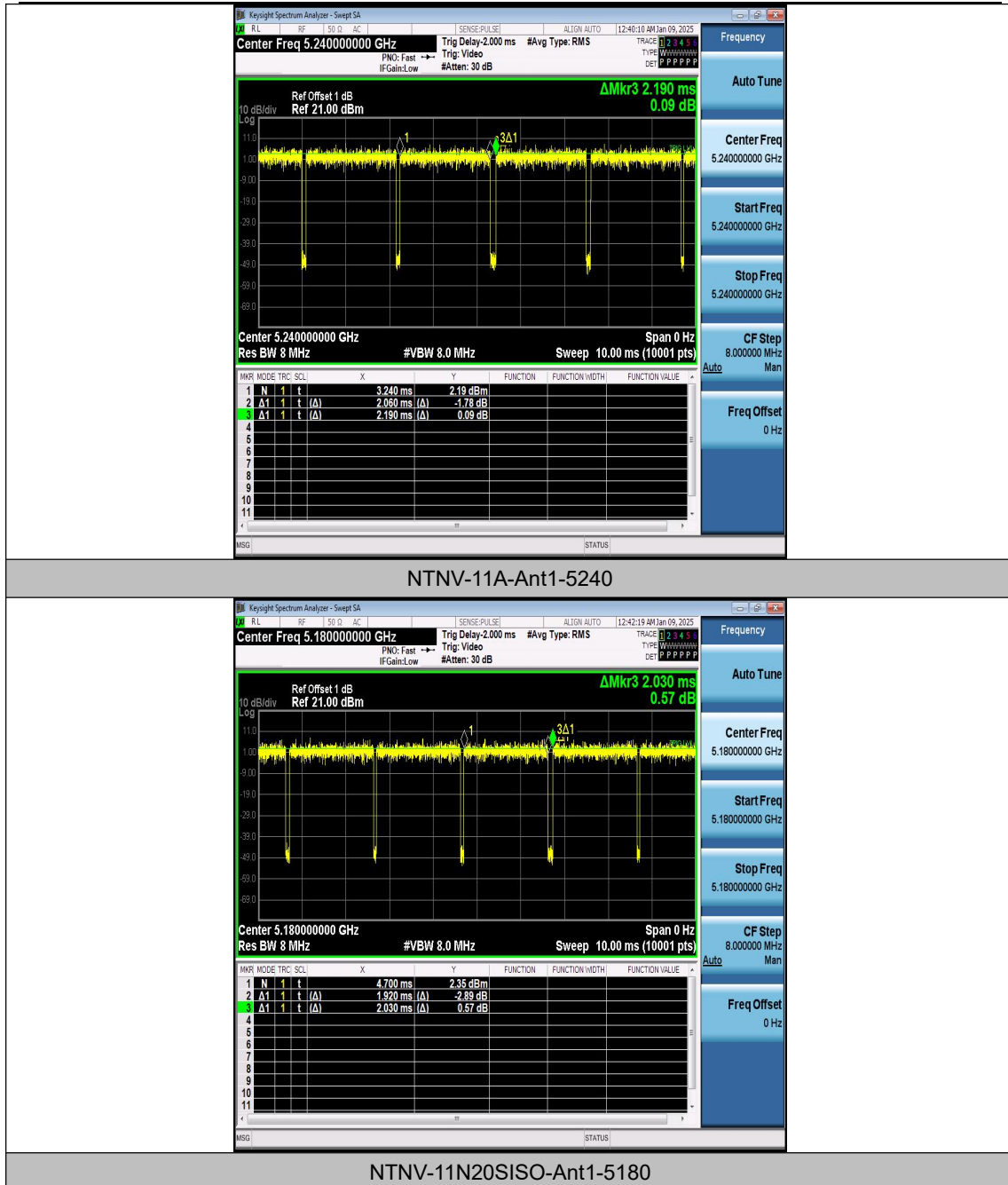
Test Graphs



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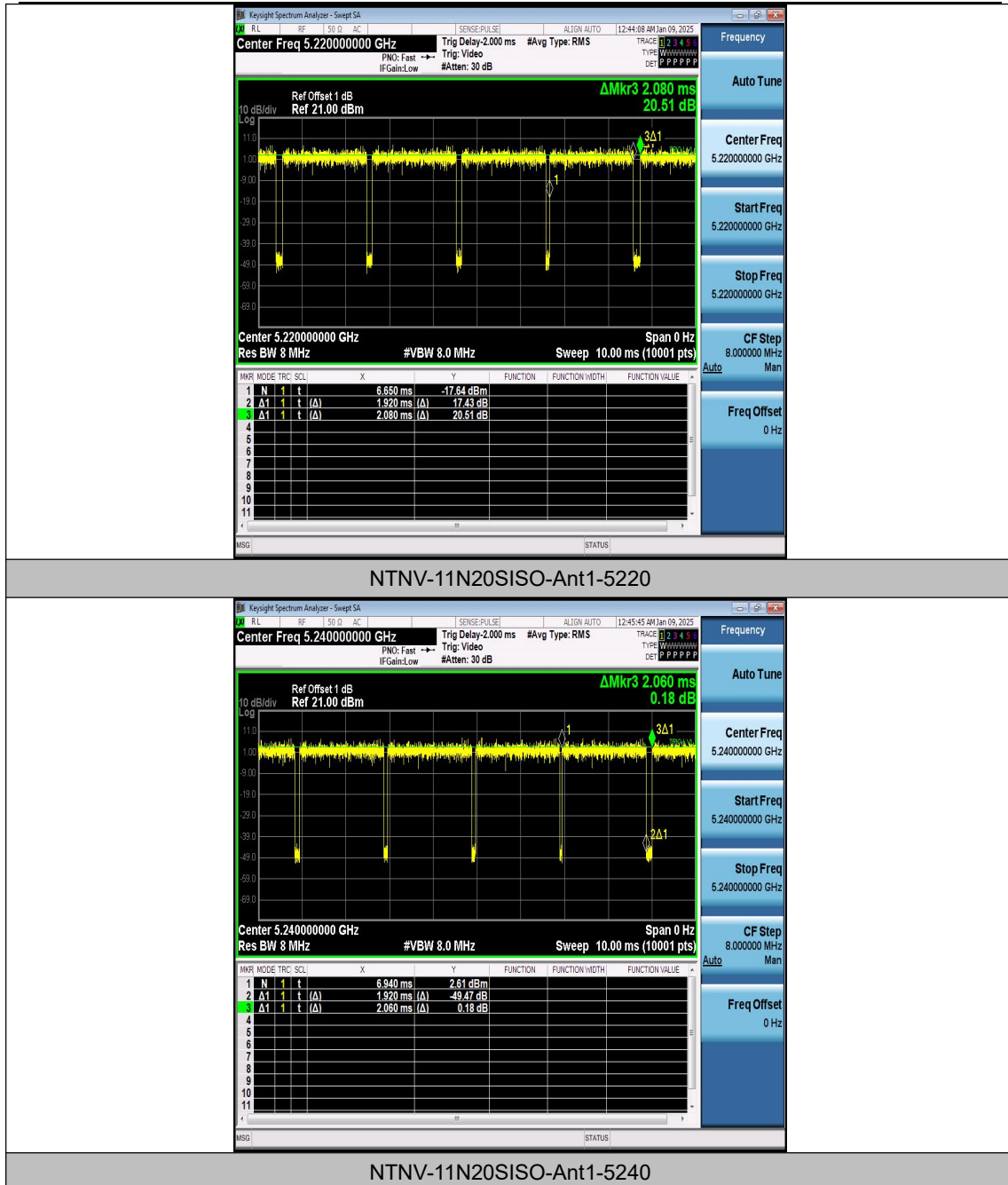


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Appendix C: Maximum Conducted Output Power

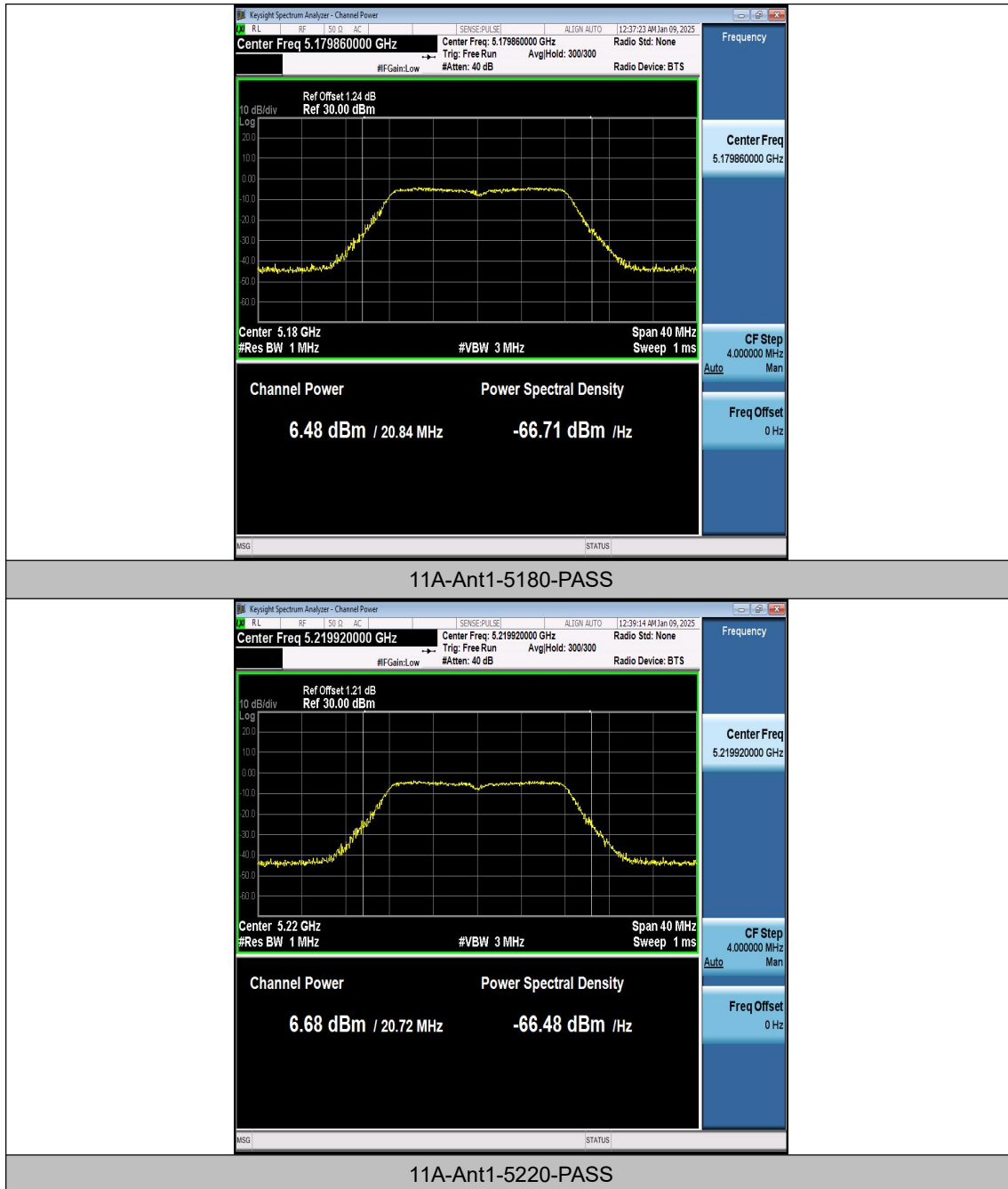
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	6.24	94.52	0.24	6.48	≤23.98	PASS
11A	Ant1	5220	6.47	95.37	0.21	6.68	≤23.98	PASS
11A	Ant1	5240	6.34	94.06	0.27	6.61	≤23.98	PASS
11N20SISO	Ant1	5180	6.22	94.58	0.24	6.46	≤23.98	PASS
11N20SISO	Ant1	5220	6.40	92.31	0.35	6.75	≤23.98	PASS
11N20SISO	Ant1	5240	6.34	93.20	0.31	6.65	≤23.98	PASS

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



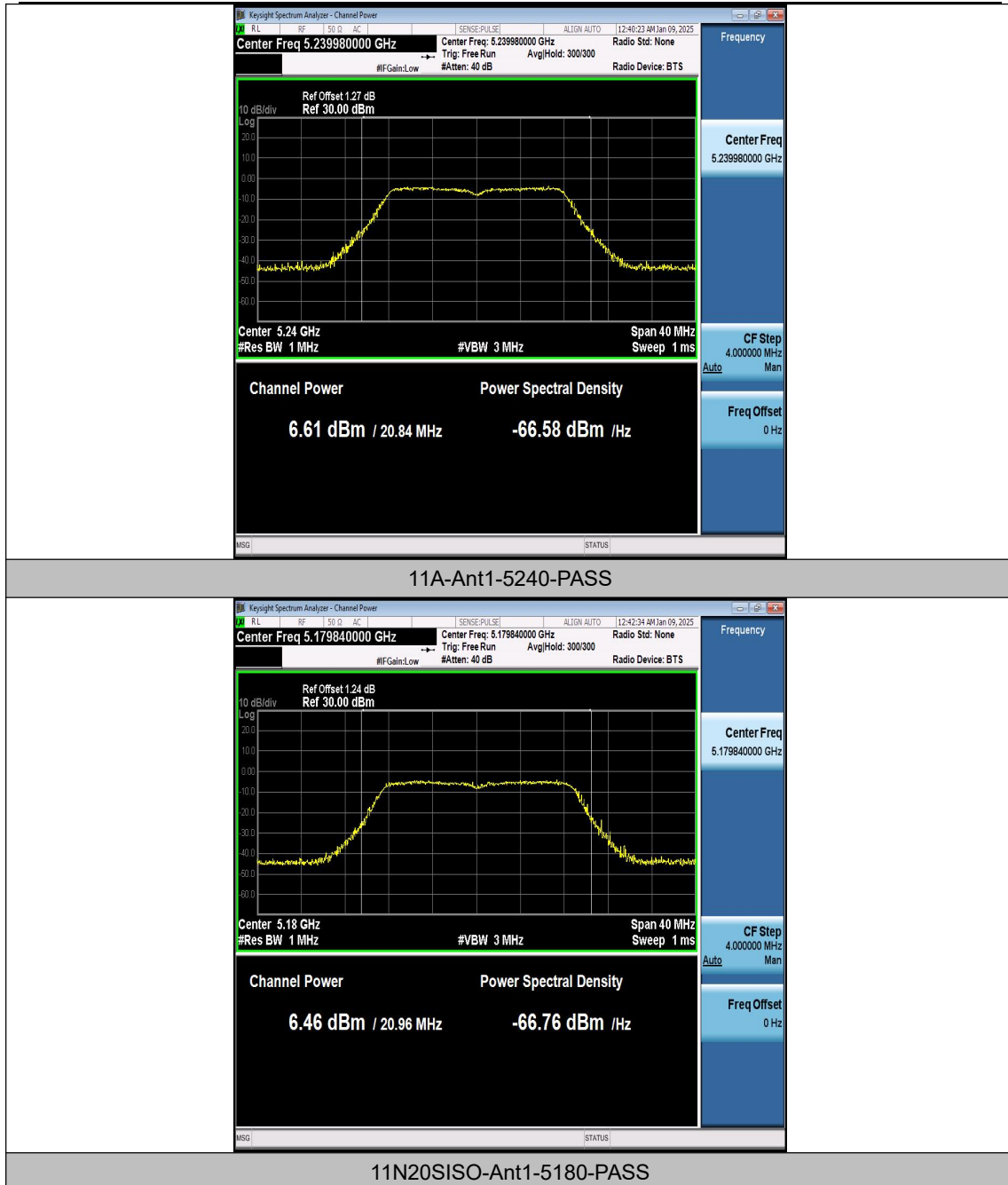
Test Graphs Channel Power



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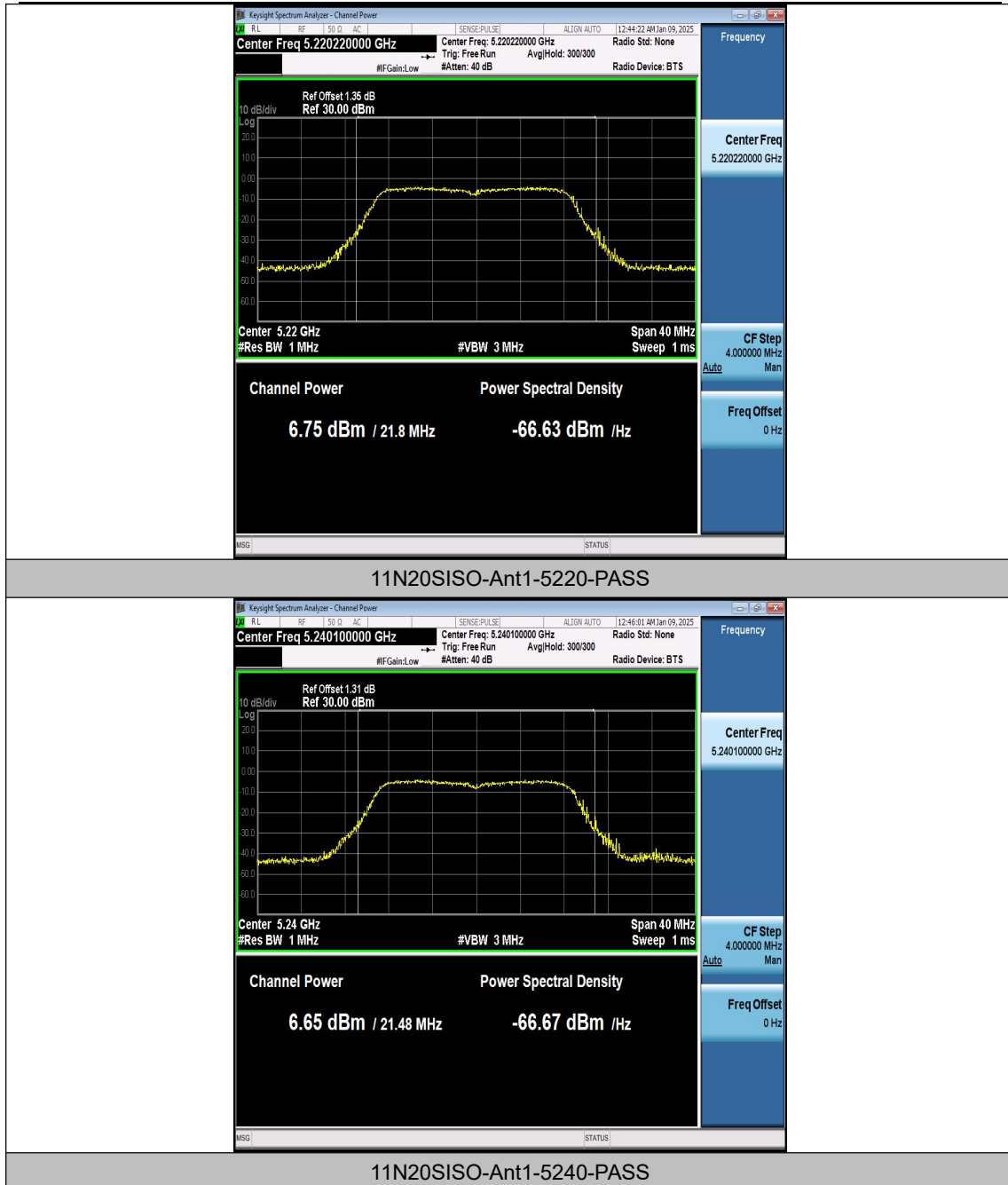


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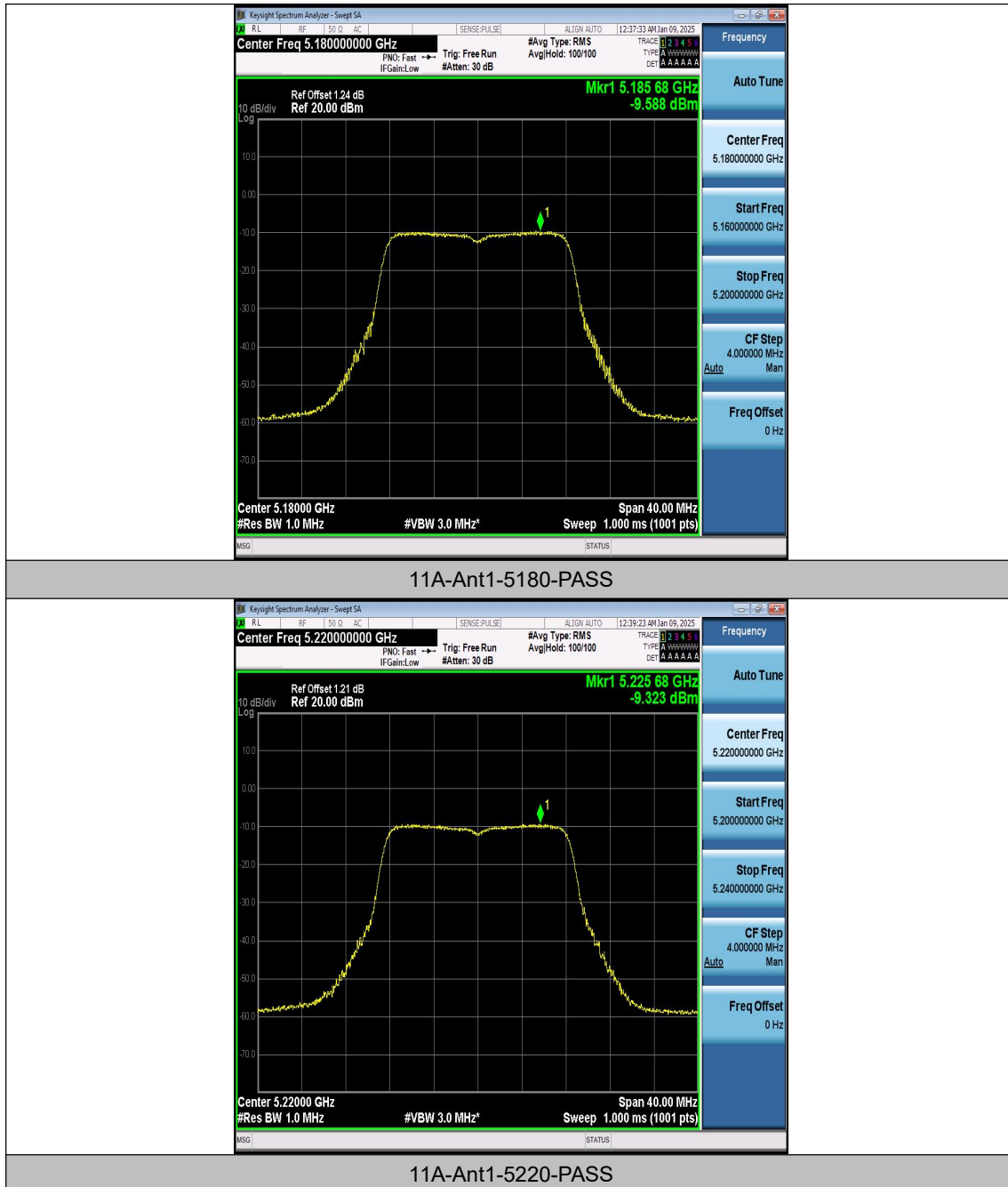
Appendix D: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-9.59	≤11.00	PASS
11A	Ant1	5220	-9.32	≤11.00	PASS
11A	Ant1	5240	-9.42	≤11.00	PASS
11N20SISO	Ant1	5180	-9.94	≤11.00	PASS
11N20SISO	Ant1	5220	-9.68	≤11.00	PASS
11N20SISO	Ant1	5240	-9.73	≤11.00	PASS

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

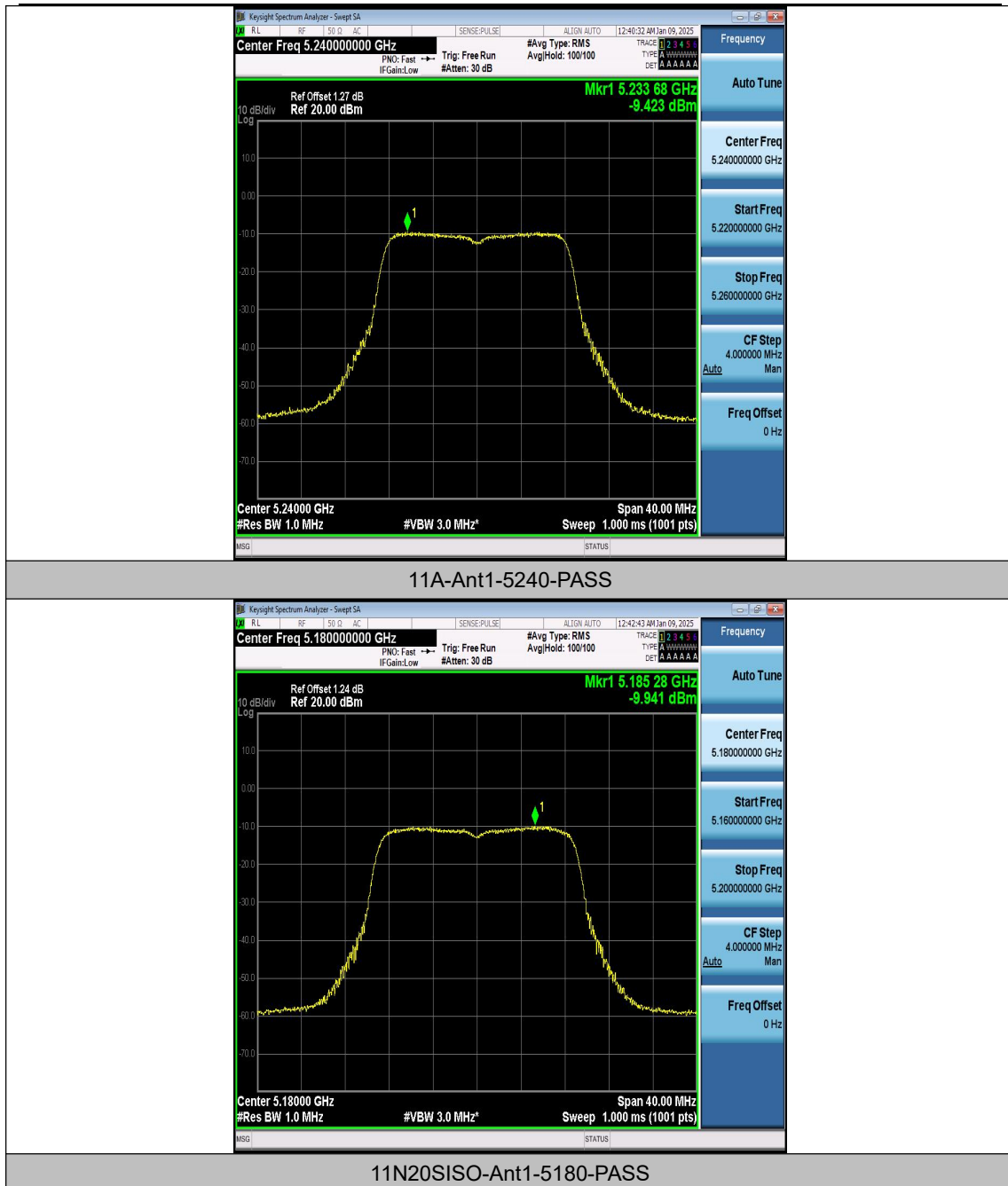
Test Graphs



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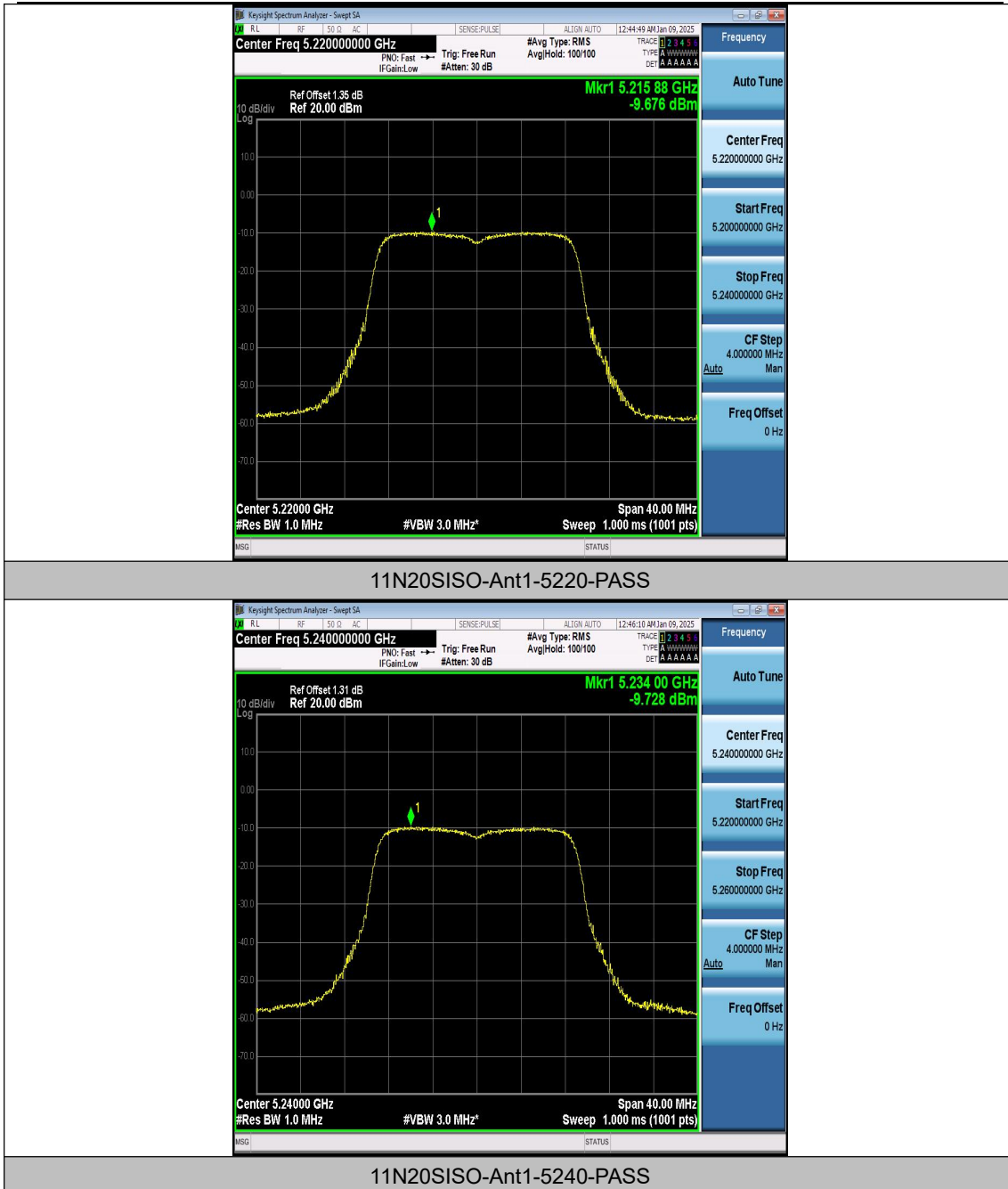
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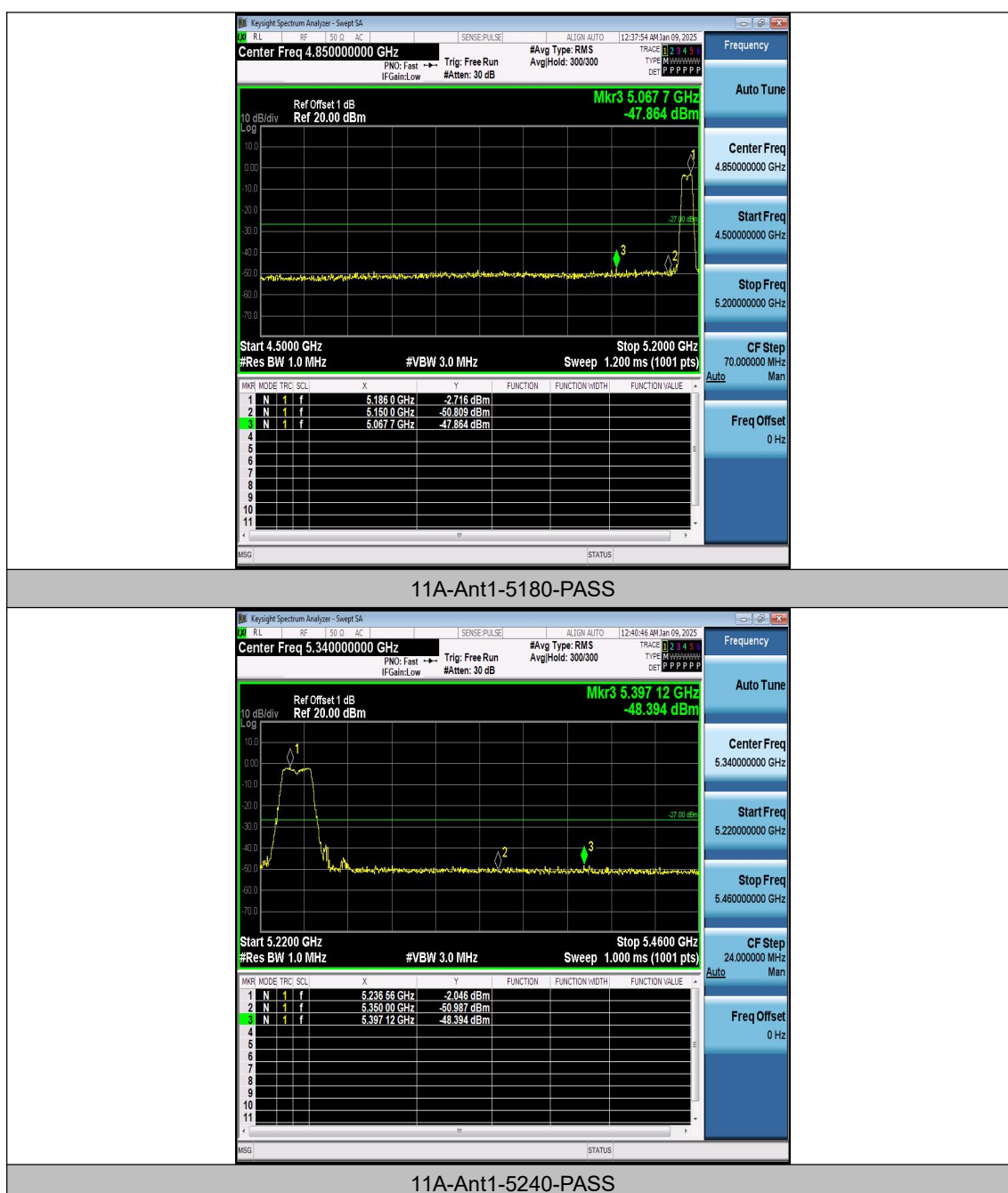
Appendix E: Band edge measurements

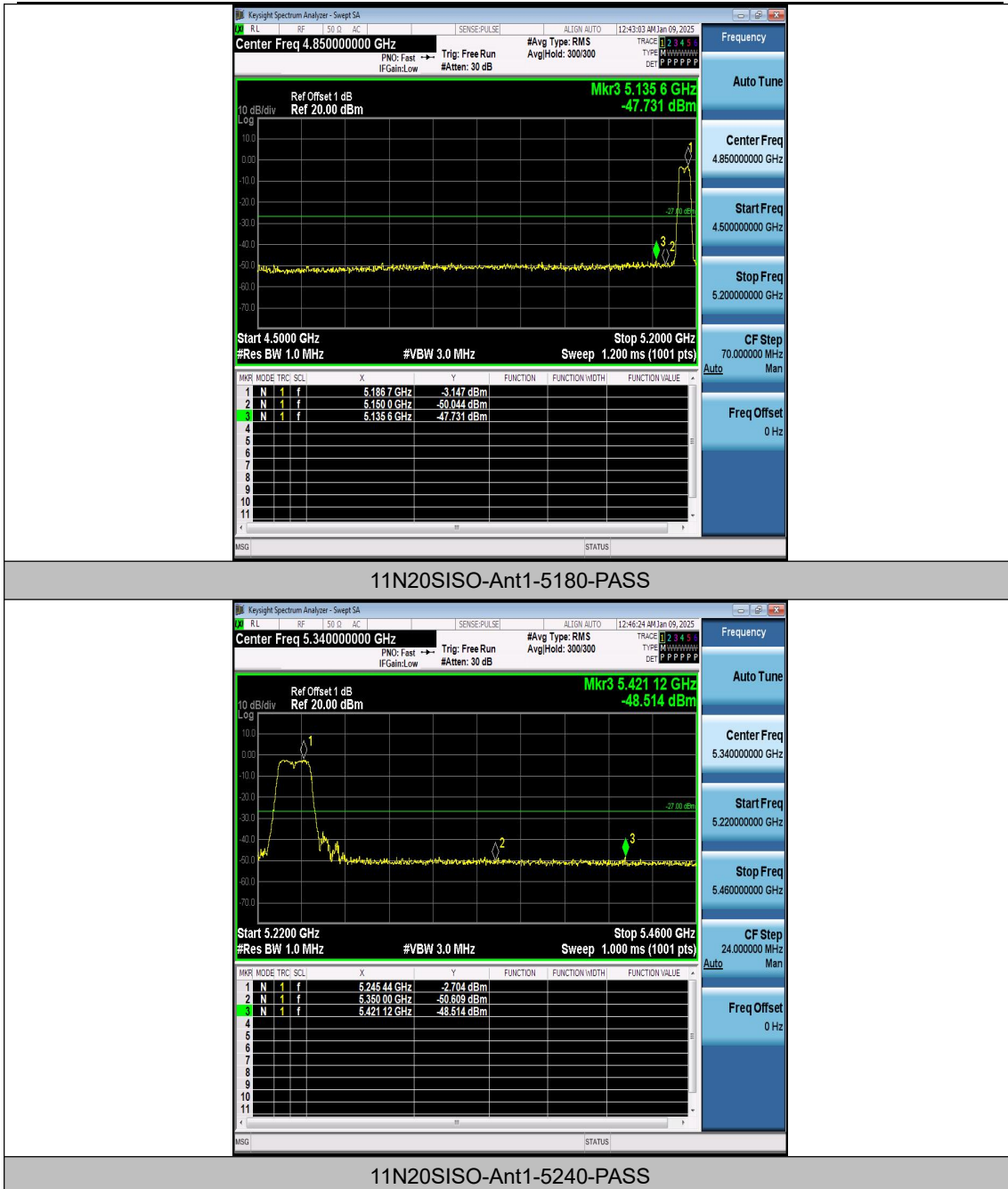
Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-47.86	≤-27	PASS
11A	Ant1	High	5240	-48.39	≤-27	PASS
11N20SISO	Ant1	Low	5180	-47.73	≤-27	PASS
11N20SISO	Ant1	High	5240	-48.51	≤-27	PASS

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

Test Graphs B1





---End---