

# Continuous orientation measurements of mobile antenna

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Martin Forsingdal (s154170)  
Bachelor of Science in Engineering  
2018

## Continuous orientation measurements of mobile antenna, Bachelor thesis

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# Acknowledgements

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# Abstract

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# Explanation of symbols

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# CHAPTER 1

## Introduction

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## CHAPTER 2

# Description of the given system

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# CHAPTER 3

## Analysis

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## CHAPTER 4

# Test of the given system

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# CHAPTER 5

## Hard iron calibration

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## CHAPTER 6

# Tilt compensation using accelerometer

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# CHAPTER 7

## Soft iron calibration

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# CHAPTER 8

## Final system test

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# CHAPTER 9

## Conclusion

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# Appendices





# APPENDIX A

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