sensors

MDPI

Supplementary Information for

Advances in Magnetic UAV Sensing: A Comparative Study of the MagNimbus and MagArrow Magnetometers

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Introduction

This Supplementary Information file consists of the following two items:

- Figure S1. Low-pass filtering: residuals analysis.
- Figure S2. Heading error.

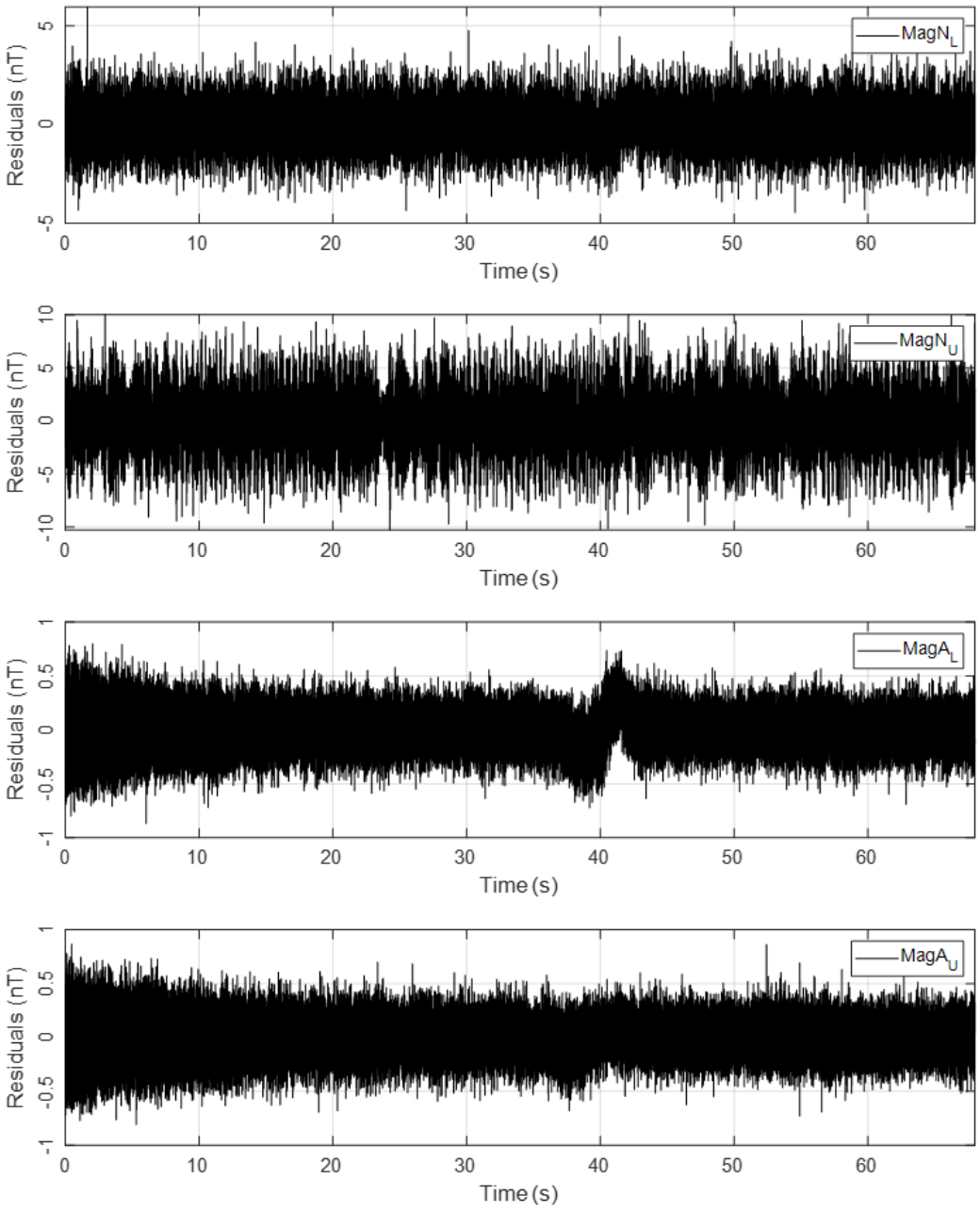

Figure S1. Low-pass filtering: residuals analysis. Difference between low-pass filtered and unfiltered signals along a single profile for the sensors (**a**) MagNL, (**b**) MagNU, (**c**) MagAL, (**d**) MagAU. Please, refer to the main text for detailed description of the performed filtering and considered sensors.

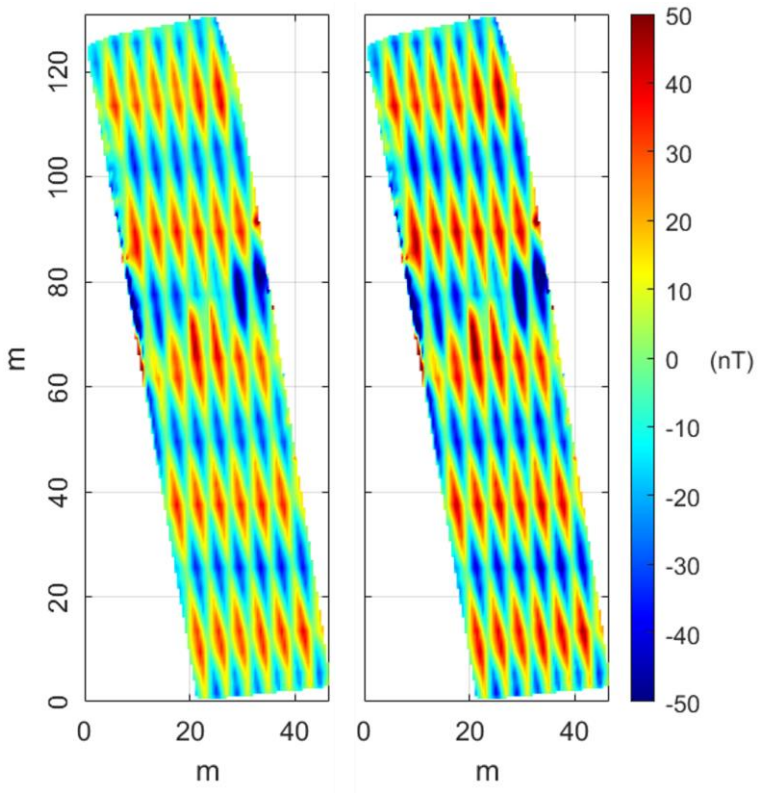

Figure S2. Heading error**.** Estimated and corrected heading error distribution from data acquired by (**a**) MagN$_L$ and (**b**) MagN$_U$ sensors. Please, refer to the main text for detailed description of the performed corrections and the considered sensors.