

Supporting Information for “Magnetic Field Observations on Interhemispheric Conjugate Chains”

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1. Figures S1 to S4

Introduction

This Supporting Information contains 4 additional figures that supplement the figures included in the main body of the paper. Figures S1–S4 show additional examples of very similar magnetic field measurements obtained at both the southern hemisphere PENGUIn sites and at the conjugate stations in the northern hemisphere. The blue lines in these graph show the magnetic fields measured in the northern hemisphere at the sites indicated with the blue labels on the left side, and the red lines show the magnetic fields measured in the southern hemisphere at the sites indicated with the red labels on the left side. Site locations are shown in Table 1 in the main body of the paper.

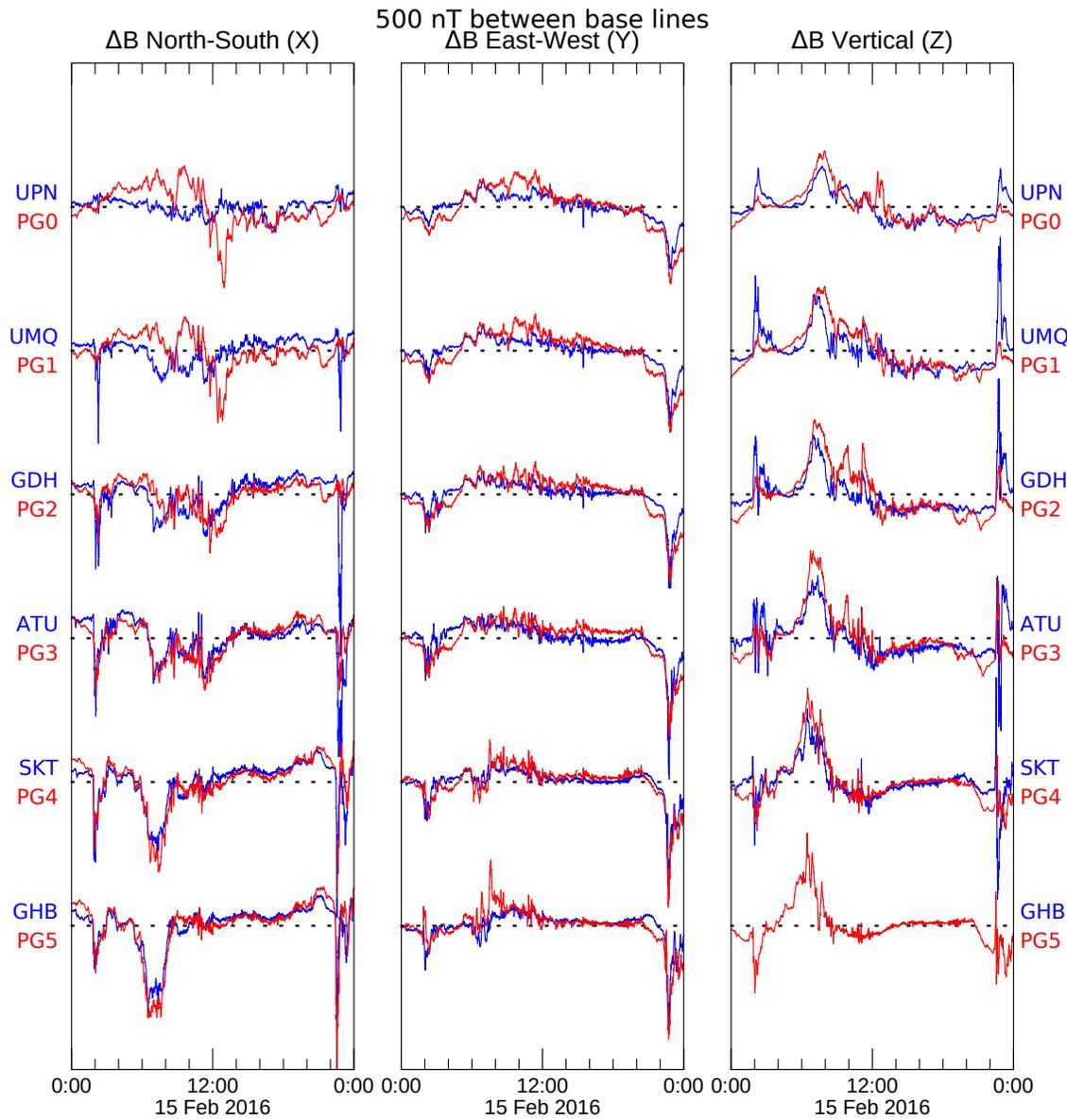


Figure S1. Symmetric magnetic fields observed at conjugate locations on 15 February 2016. The blue lines show the magnetic fields measured in the northern hemisphere at the sites indicated with the blue labels on the left side, and the red lines show the magnetic fields measured in the southern hemisphere at the sites indicated with the red labels on the left side. The vertical component data at the GHB site are unavailable on this day.

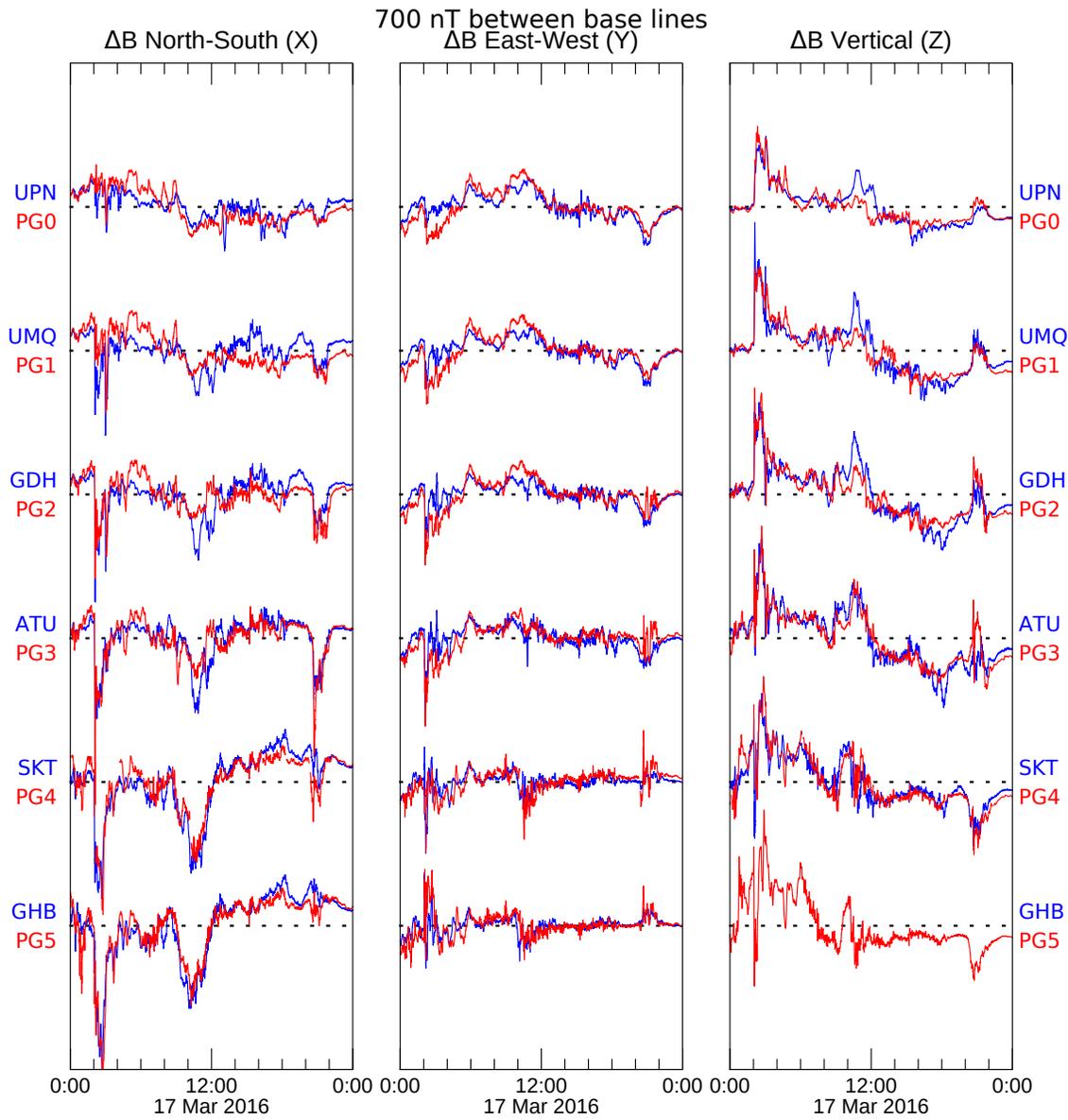


Figure S2. Symmetric magnetic fields observed at conjugate locations on 17 March 2016. The blue lines show the magnetic fields measured in the northern hemisphere at the sites indicated with the blue labels on the left side, and the red lines show the magnetic fields measured in the southern hemisphere at the sites indicated with the red labels on the left side. The vertical component data at the GHB site are unavailable on this day.

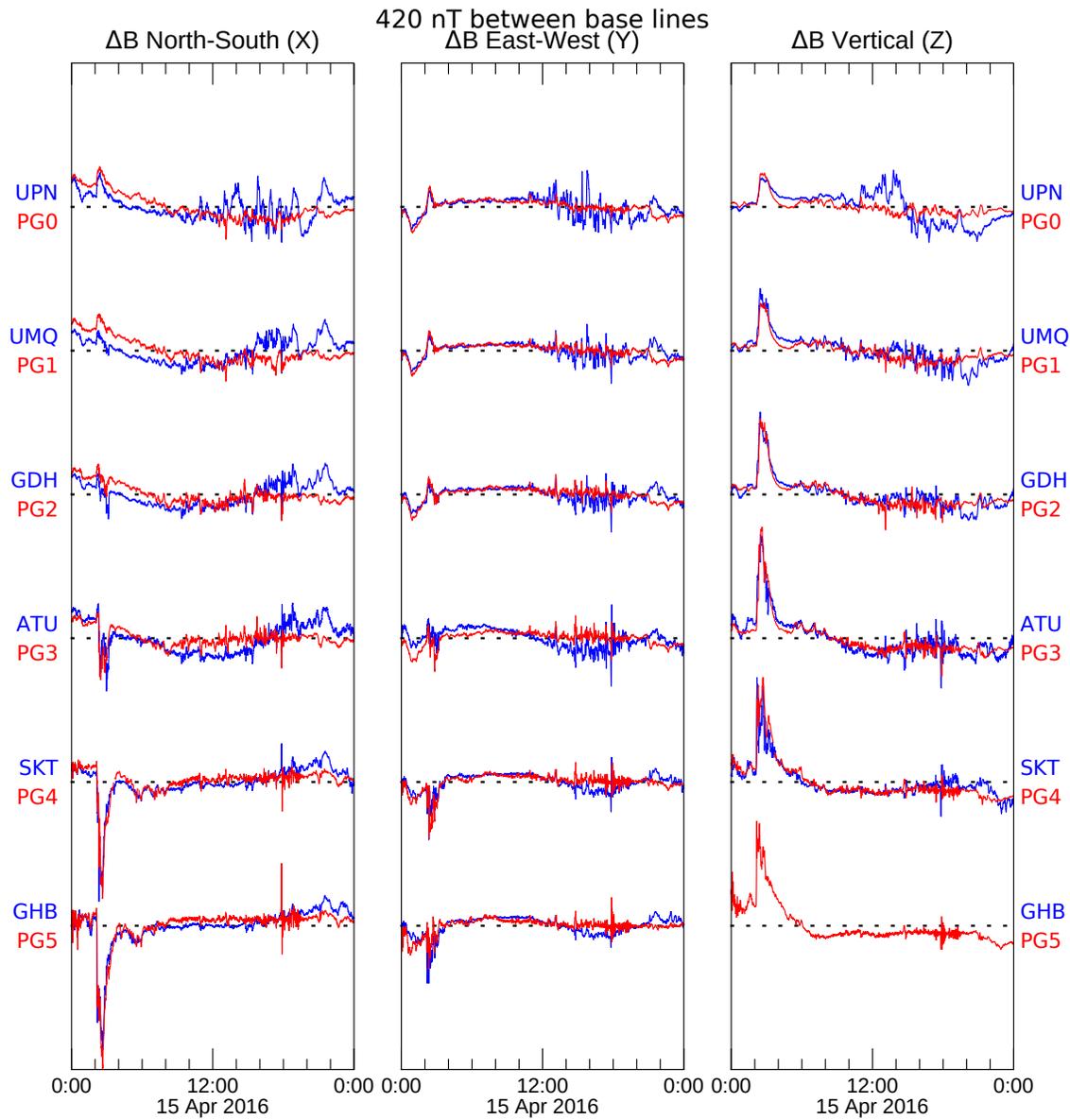


Figure S3. Symmetric magnetic fields observed at conjugate locations on 15 April 2016. The blue lines show the magnetic fields measured in the northern hemisphere at the sites indicated with the blue labels on the left side, and the red lines show the magnetic fields measured in the southern hemisphere at the sites indicated with the red labels on the left side. The vertical component data at the GHB site are unavailable on this day.

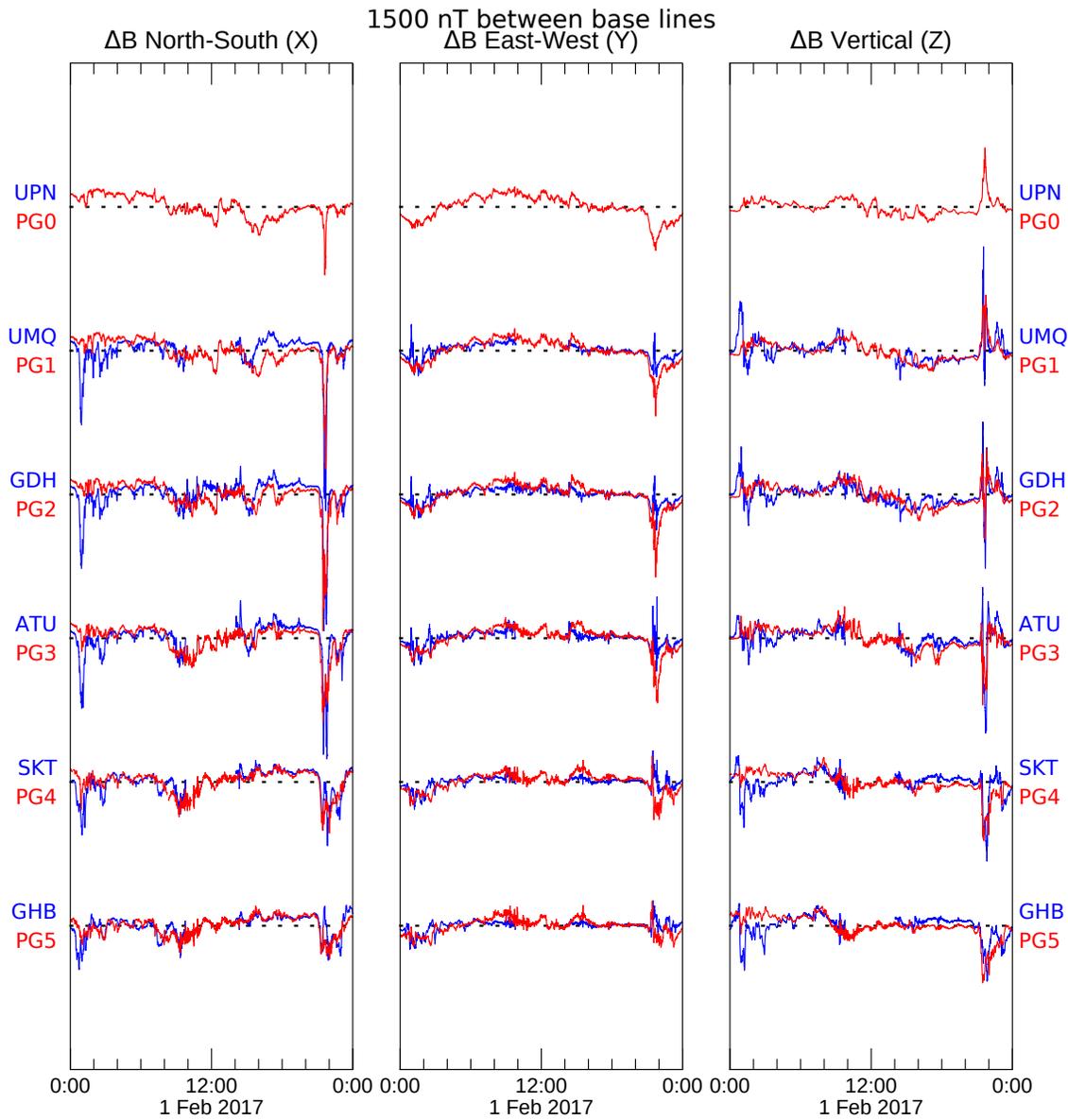


Figure S4. Symmetric magnetic fields observed at conjugate locations on 1 February 2017. The blue lines show the magnetic fields measured in the northern hemisphere at the sites indicated with the blue labels on the left side, and the red lines show the magnetic fields measured in the southern hemisphere at the sites indicated with the red labels on the left side. Data from the UPN site are unavailable on this day.