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Supplement of

Local time extent of magnetopause reconnection using space–ground co-ordination

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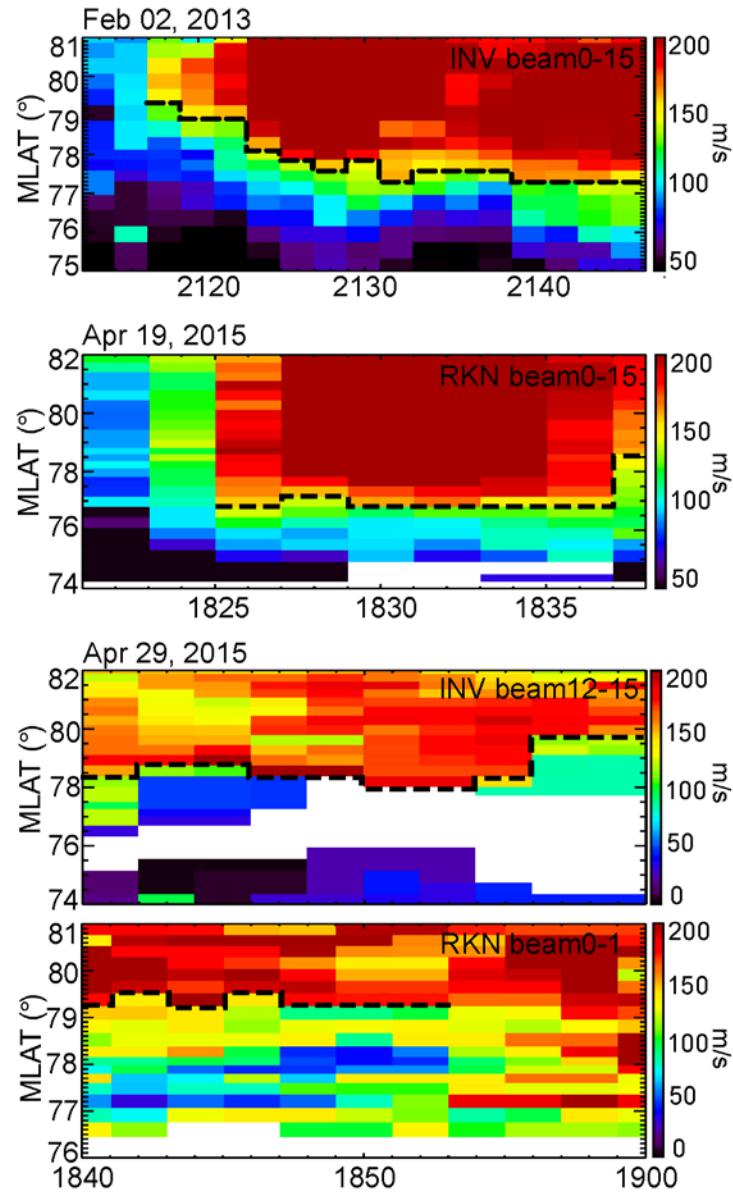


Figure S1. Location of the open-closed field line boundary (marked by the black dashed line) in the three studied events. The open-closed field line boundary is determined based on the spectral width measurements following the method given by Chisham and Freeman [2003, 2004] and Chisham et al. [2004b, 2005a, 2005b, 2005c].

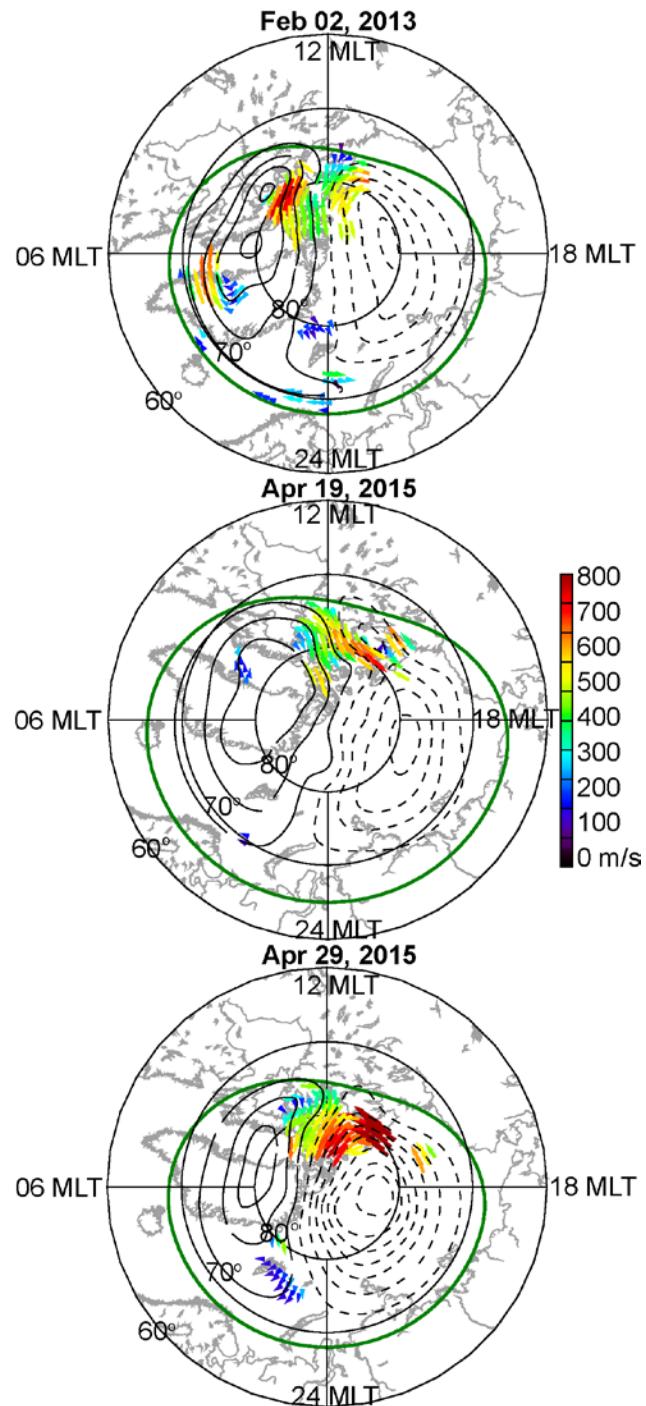


Figure S2. Global convection maps of the three studied events. The SHF velocities are shown as color arrows, and the contours of the electric potential are shown as black solid (at the duskside) and dashed lines (at the dawnside). The green curve denotes Heppner-Maynard boundary [Heppner and Maynard, 1987].