

The Jovian Ionospheric Alfvén Resonator and Auroral Particle Acceleration

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Additional Supporting Information (Files uploaded separately)

Caption for Movie S1

Introduction

- These movies show the evolution of the time-domain simulations shown in the text in MPG format.

Movie S1. This movie shows the evolution of the Poynting flux for a run that was driven from the ionosphere. Green, yellow and red colors indicate flux away from the ionosphere, while blue and purple colors show flux toward the ionosphere. As the run evolves, a standing wave pattern is set up and the structure develops smaller perpendicular scales, leading to larger field-aligned currents and potentials