

## Dynamics of auroral arcs observed by the FORMOSAT-2/ISUAL

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We have analyzed auroral data obtained from the ISUAL instrument onboard the FORMOSAT-2 satellite. The FORMOSAT-2 satellite was launched into a polar orbit with an altitude of 891 km and an inclination of 99.1 degrees on May 20, 2004. The Imager of Sprites/ Upper Atmospheric Lightning (ISUAL) instrument consists of three subsystems: an imager, a spectrophotometer, and an array photometer. The FORMOSAT-2/ISUAL observed curtain-like aurora and streaming during the recovery phase of a geomagnetic storm in the south of Australia at 17:46-17:49 UT on August 31, 2004.

In this study, we propose the possible mechanism of streaming produced by inertial Alfvén wave.