

SASSI2 Cubesat Mission Description of Research

The Student Aerothermal Spectrometer Satellite of Illinois and Indiana (SASSI2) is a short term (11 day) satellite mission to characterize the atmospheric conditions of re-entry, to better inform re-entry simulation software and to validate the CubeSat platform's ability to complete a mission like this.

Measurements will be taken with three primary instrument types: a spectrometer, a suite of three pressure sensors, and a heat flux sensor.