

## **Dynamics of high-energy proton fluxes in the South Atlantic Anomaly region according to ARINA and VSPLESK satellite experiments**

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This paper studies the dynamics of proton flux in the South Atlantic Anomaly (SAA) region according to ARINA (was operated on the Resurs-DK1 satellite from 2006 to 2015) and VSPLESK (which was mounted on the ISS from 2008 to 2013) satellite experiments. Both spectrometers have the same scheme.

The SAA drift is determined by the position of the maximum flux of high-energy protons with energies in the range from 30 to 100 MeV at the altitude of the Resurs-DK1 satellite (about 350-600 km) and the ISS (380-420 km). Part of the time the instruments operated simultaneously.

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