

## Goals

- Verification of a new system for measuring the amount of ionizing radiation (RDS).
- Development of a new Software defined reconfigurable radio (SRAD) system.
- Experimental solar panel deployment system (PDM).
- Students' education and experience.

## General

- **Dimensions:** 10x10x10 cm<sup>3</sup>
- **Mass:** 1 Kg.
- **Orbit:** LEO 354x1744 (perigee/apogee), 71°.
- **Lifetime** : 6 months ~ 1 year.
- **Payload** : RDS, SRAD, PDM (*see above*).
- **Communications freq.:** UHF amateur (downlink) / VHF (uplink).