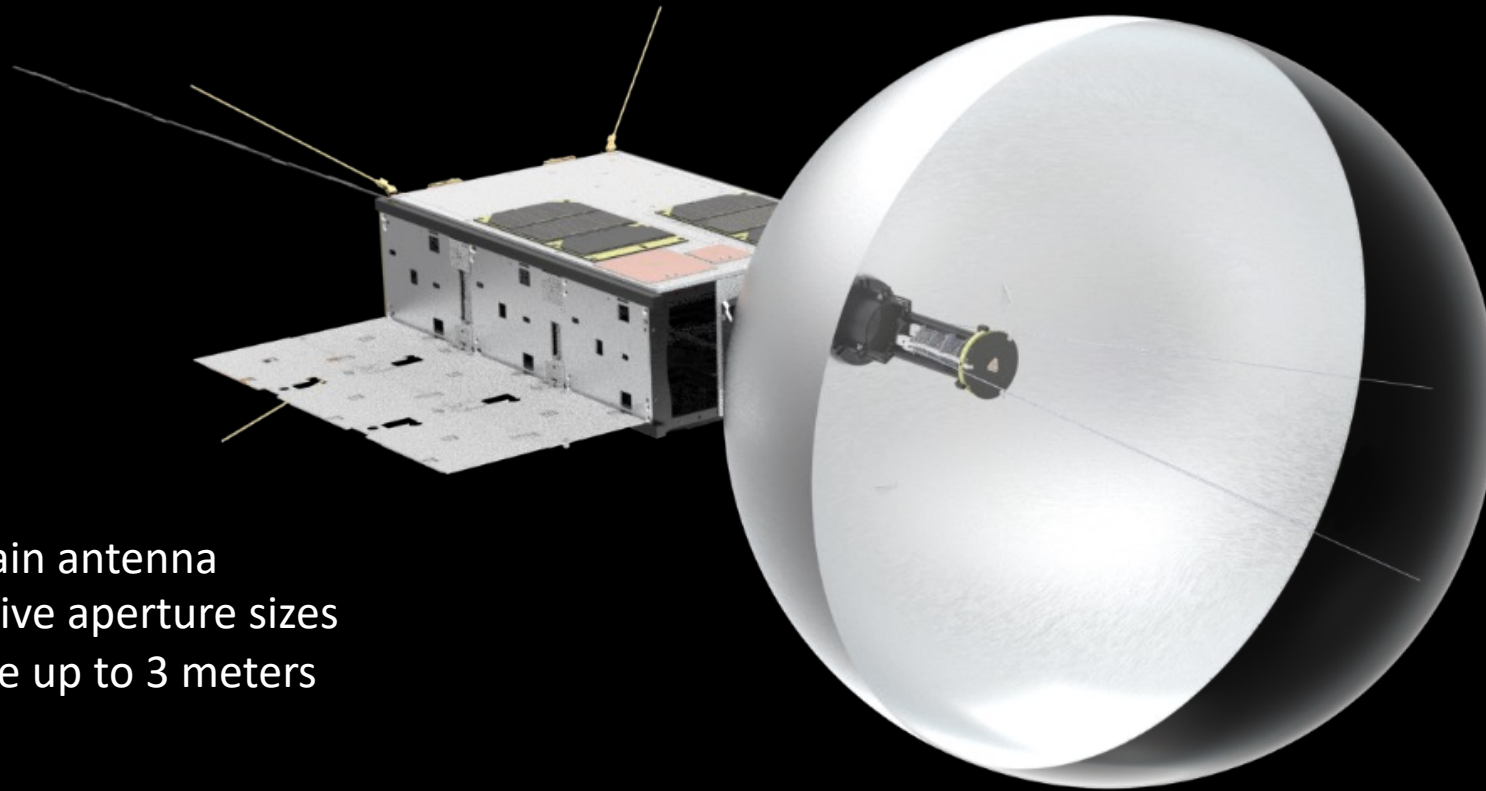


Inflatable Antenna System for Planetary Science



High gain antenna
Reflective aperture sizes
scalable up to 3 meters

Membrane rigidization on
command using UV resin

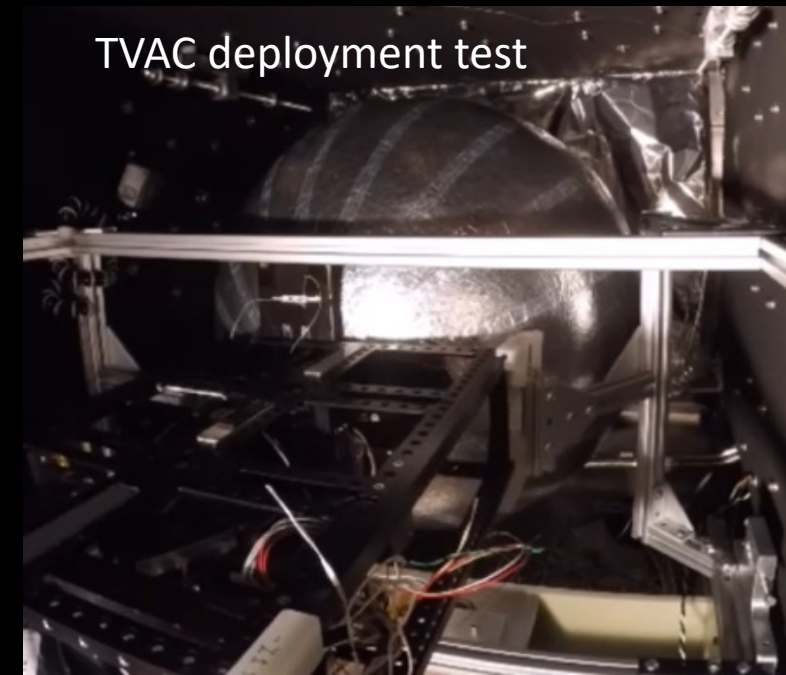
Customizable to include a
mechanical feed steering
system

Deployable line feed for
frequencies from X-band
through Ka-band

Suitable for Cubesats and
Smallsats 6U and above

Stowage/
deployment
system:

~ 1.5U Volume
< 2 Kg Mass



TVAC deployment test