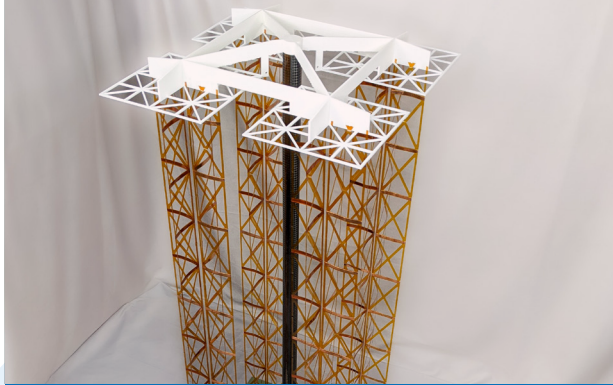


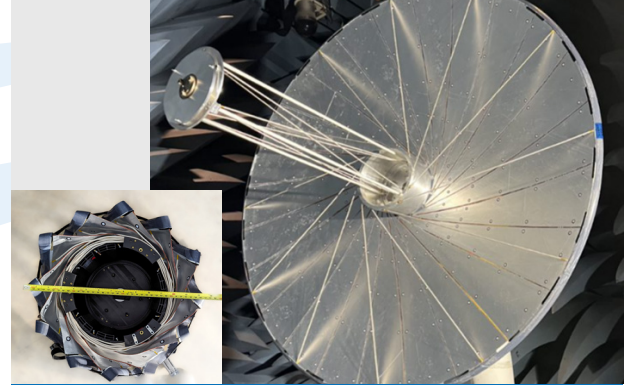
# OPTERUS

## RF SYSTEMS



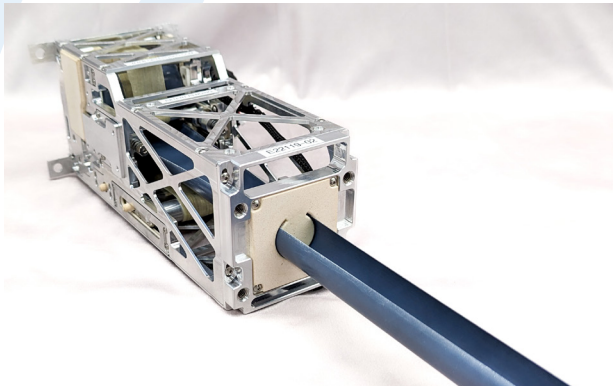
### TENSION MEMBRANE ANTENNAS

- Variety of custom tensioned thin film antennas
- Single and multi-layer antennas
- Planar and shaped, circular, rectangular, and high aspect ratio configurations



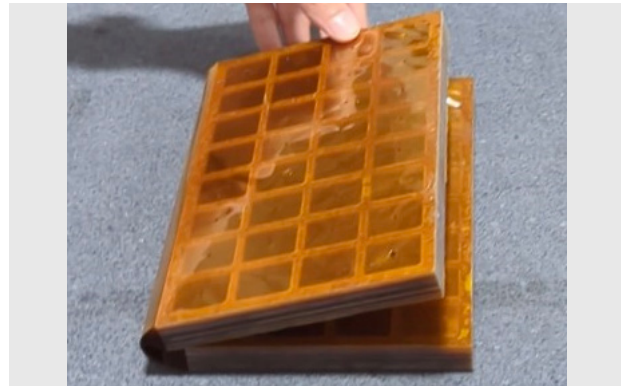
### SWATH SOLID SURFACE DEPLOYABLE ANTENNA

- Parabolic dish antenna, center-fed and offset-fed
- Supports frequencies much higher than mesh systems
- Compacts to a short and small diameter cylinder with a central cavity to house feed



### LINEAR ANTENNAS

- Based on Opterus boom technologies (slit-tube, living hinge, and CTM)
- Lengths ranging from less than 1m to over 30m
- Fabricated with non-conductive glass composite materials with conductive elements



### CUSTOM ANTENNAS

- Structures that do not clearly fall into the above categories
- Wide band, spiral, helical, morphing (shape changing), ground planes, shields and arrays
- Wide variety of compact deployable antenna structures