



T-DaHGR Technology Readiness Level

Subsystems have up to TRL 9 maturity

T-DaHGR Cassegrain system TRL 6/7 in 2018



De-Orbit Stowed

TRL 9 (De-Orbit Flight)

- Membrane and coatings
- Composite Tape Springs
- Housing and Restraint/Release
- Hinges
- Wiring / Harnessing



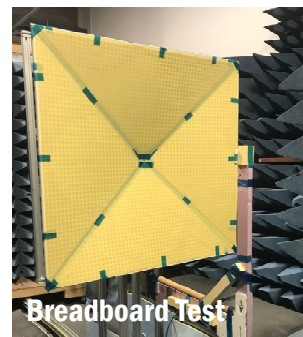
De-Orbit Deployed



De-Orbit on STPSat-3



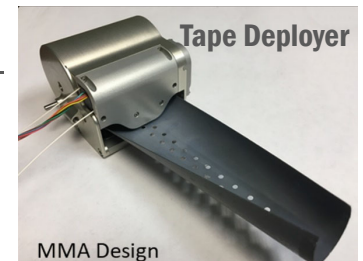
P-DaHGR Deployed



Breadboard Test

TRL 9 by Q1 of 2019 (P-DaHGR Flight)

- Tape Spring Deployers
- Reflectarray Membranes
- Diagonals
- RF Feed
- Deployment Controls



MMA Design

TRL 6/7 by EOY 2018

T-DaHGR Cassegrain Architecture

- Electrical Breadboard Tested
- EM/Protoflight Feed RF Test
- EM/Protoflight Structural test
- EM/Protoflight Deployment test
- EM/Protoflight Antenna RF Test

