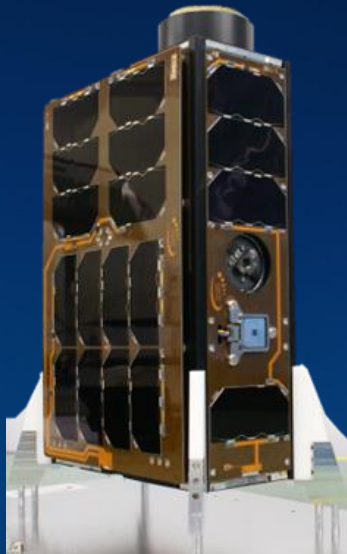
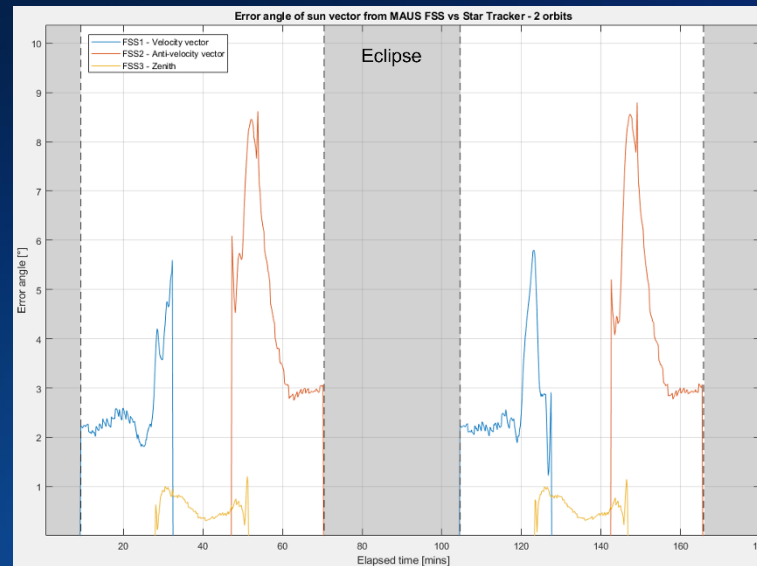


LEO and the big blue marble, a bad combination for albedo errors



NAPA-2 is flying 1 Auriga Startracker and 3 MAUS Sensors



Two out of three sensors show significant albedo errors (as expected) when compared to the startracker

- Analogue Sensors show albedo sensitivity.
- The lower the orbit the larger the error.
- The wider the field of view the larger the error.
- Albedo error strongly depends on positioning on board of the satellite, altitude and local node time.
- Analogue Sensors with a digital interface have the same errors.
- True digital Sensors use multi elements to discriminate between Sun and albedo signal.
- No small and radiation hardened true digital Sensor known to exist to date.