

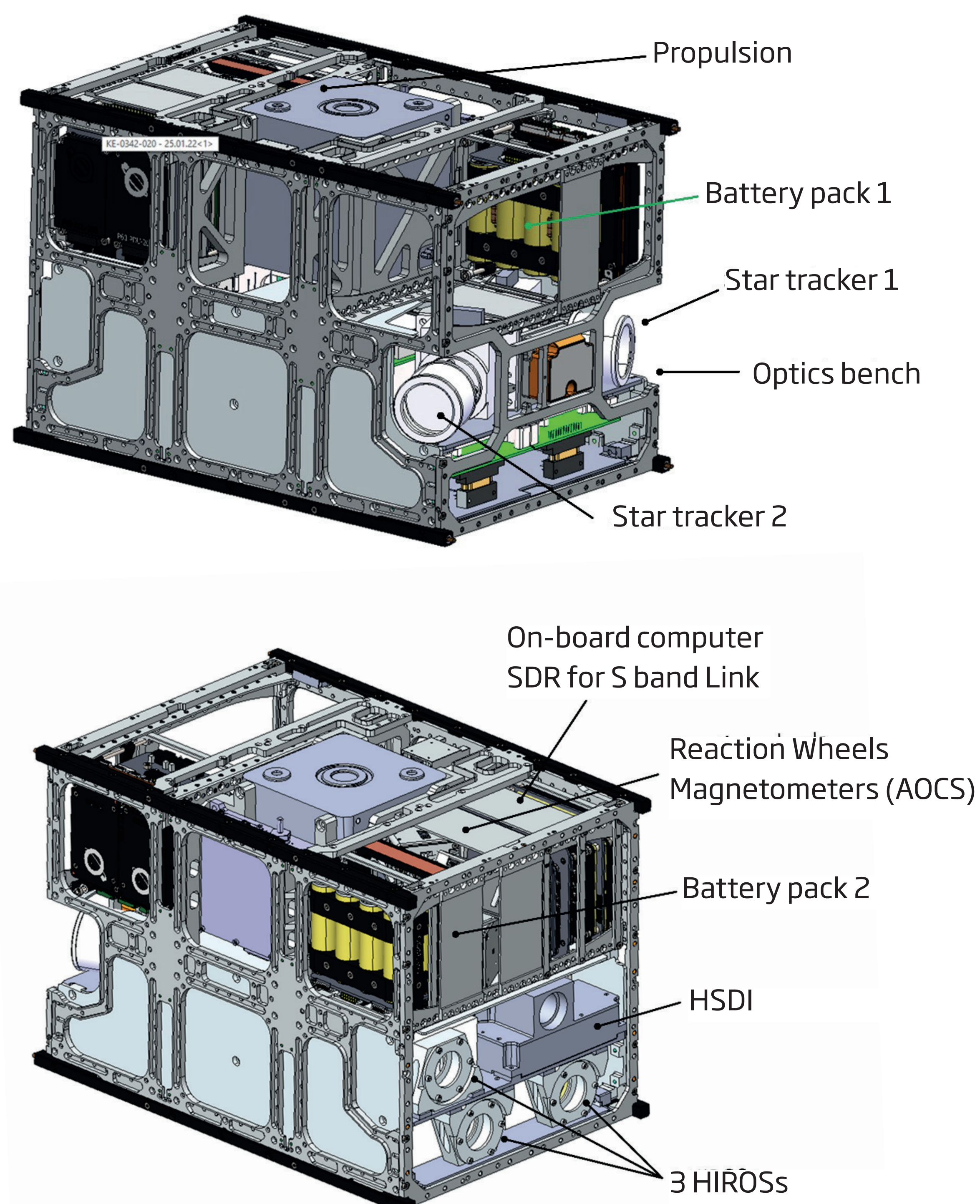
CUBEMAP

CLIMATE CHANGE MONITORING MISSION



The SCOUT CubeMAP Missions is a part of ESA's Earth Observation strategy. The mission goal is to study, understand, and quantify processes in the Upper Troposphere and Stratosphere (UTS), study and contribute to trends analysis in its composition and its effects on climate.

3 X 12U PLATFORM (23 KG EACH)



SCIENCE MISSION

4 mission objectives

- Understand H₂O response to changing temperatures and feedback on climate
- Understand the impact of climate change on ozone and interactions in NWP
- Provide an UTS accurate representation to better constrain regional emission estimates of GHG & O₃
- Quantify the changing composition of the UTS and its response to increasing emissions

