



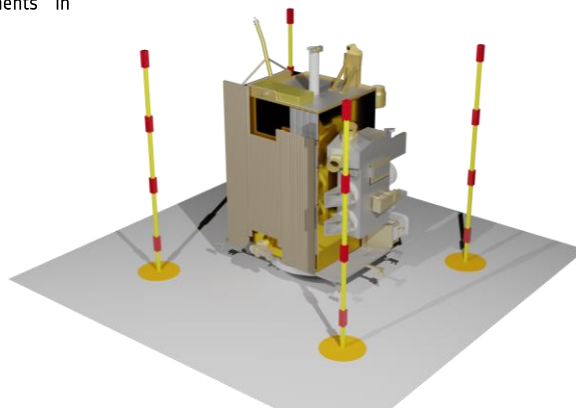
TECHNOLOGY DESCRIPTION

A measurement system and identification software for the affordable determination of spacecraft magnetic properties with high precision, despite the absence of a coil facility, through measurements in uncompensated and perturbed facility environments.



INNOVATIVE ASPECTS

- Instant multi-probe snapshot measurements
- New probe calibration technology
- No Helmholtz coil facility required
- No limitation in size of unit under test
- Mobile utilisation in nearby any environment
- Earth and industrial magnetic noise identification/elimination
- Typical measurement range: 1 to 45000 nT
- Typical background noise: 2–5 nT
- Data acquisition time: < 5 sec



TECHNOLOGY READINESS (in space application)

TRL 8 (2024)

COUNTRY OF ORIGIN

Germany

LATEST UPDATE

06/2024

TAGS

#magnetics

#measurement

#identification

#snapshot

#mobile

#software

APPLICATION AREAS

Aviation

Energy

Data Processing,
Software & AI

Electrical &
Electronic
Engineering

Construction &
Civil Engineering

Health

Safety & Security

SPACE
FOR BUSINESS
BUSINESS
FOR SPACE

TECH CARD

