G-Chaser Science Summit

Team Name:
4DSPACE

Team PI(s):
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Team support: Senior Engineer Espen Trondsen

Student Representative(s):
Fredrik Lindseth Winje, Huy Minh Hoang...

Mission Statement:
The experiment will demonstrate the feasibility of multi-point high-resolution electron density measurement using the 4DSPACE payload module.

Instruments/Deck:
- A full deck with 6 daughter payloads, each employs multiple Langmuir probes

Desired Launch conditions:
- Nighttime/Daytime
- Negative IMF Bz (if night)
- Clear sky (if night), all-sky camera

In-Flight Conditions:
- Deploy the daughters as high as possible but before de-spin