



GPS Antenna Matching for 3U Panels (ZfT – Space, Master Thesis)

Motivation

The aim of this master's thesis is the testing of GPS antennas for the integration on small satellite systems, which will be launched to LEO. Formations of multiple small satellites will be the target platform of the proposed hardware.

Tasks

- Research & comparison of existing antennas (UWE-4) with new developments
- Definition of testing procedures
- Integration on engineering model
- Evaluation & matching

Experience

- Programming (useful)
- Electronics (useful)
- Communications (useful)
- GPS (useful)

Contacts

Dipl.-Ing. Roland Haber, roland.haber@telematik-zentrum.de

