

# INTERNSHIP OFFER

## VHF\_UHF Coupler Design

### 1 UNIVERSITY SPACE CENTER OF MONTPELLIER

The University Space Center of Montpellier (CSUM) is the French leader in the development and operation of nanosatellites developed by students. It has acquired in-depth competences in the field of design, manufacturing, testing and operation of nanosatellites and their subsystems, as well as in the area of space project management and product assurance in the framework of university space projects. The CSUM has an AIT (Assembly Integration and Test) Facility, a CDF (Concurrent Design Facility) and both UHF and S-band Ground Stations. The CSUM develops its own 1U and 3U CubeSat nanosatellite platforms with the support of the Van Allen Foundation and both the French and the European space agencies.

### 2 INTERNSHIP DESCRIPTION

#### Description of the tasks:

As part of this project, the trainee will study, design and manufacture a VHF and UHF directional T coupler model.



Skills/Languages: Knowledge of RF systems, English language, Excel & Word (or equivalent), manual, curious and autonomous.

Level: IUT / degree

Location: University of Montpellier - University Space Center- Campus St Priest.

Preferred starting date: According to profile

Duration: To be determined according to profile

Supervisor, Function at CSUM: Sébastien HESSE - Assistant Engineer

### 3 CONTACT

Please upload your application at: <https://csu.edu.umontpellier.fr/en/job-offers-internship/>