



HE Space is a successful international space company. For 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. HE Space has joined forces with CS Group to lead the engineering and digital space market in Europe and to provide highly skilled consulting.

Radio Frequency & Ground Station Engineer

Key Tasks and Responsibilities

As a member of a team providing services to EUMETSAT you will have the following responsibilities:

- RF-Compatibility Tests & IOT activities
- Maintenance of Interface Requirements Documents / Interface Control Documents for these RFSCs and IOT test tools
- Lead and coordination of maintenance of RFSCs & RF IOT tools and review relevant technical documents. Ensure that all relevant RF test equipment remains calibrated over the foreseen testing duration

Skills & Experience

You will have the following qualifications and relevant experience:

- University degree (or equivalent) in an engineering or scientific discipline relevant to the job profile (e.g. telecommunications, electronics, radio frequency or equivalent.)
- Proven experience in ground stations (TT&C and Mission Data Acquisition) in a real-time 24/7 spacecraft operations environment, ideally in an Earth Observation environment.
- RF testing of space-to-ground interfaces at satellite and/or ground station level
- RF design related to space-to-ground interfaces at satellite and/or ground station level
- Expertise in Ka-band link design or testing
- Very good strengths in analysis, synthesis and presentation skills.
- Very good interpersonal, communication and reporting skills and an ability to apply these to the interactions within a team and between teams in a multi-disciplinary context.
- Ability to learn and develop the needed skills and knowledge to contribute to the operations of the service, including the ability to rapidly absorb, and make use of, information presented in written and oral communications in a dynamic context.
- Systematic approach to work
- Ability to plan and to cope with tight schedules and multiple tasks.
- Ability to work effectively under pressure and to manage complex tasks with minimum supervision.
- Capability to write accurate, concise, focused and consistent technical documentation and reports.
- Fluency in English is mandatory ability to write technical documents in English; knowledge of another European language is an advantage.

Desired Skills

- Major upgrades or evolutions of operational ground stations
- Definition and implementation of verification and validation activities of ground stations
- Definition, verification and validation of interfaces between ground stations and ground segments
- Diagnosis and correction of first-line ground stations' hardware and software failures,
- Preparation of requirements, design, interfaces and testing documentation
- Document management and configuration control processes
- Definition of user interfaces for operations (HMI, reports, etc.)
- Relevant technical standards (e.g. ECSS, CCSDS)
- Baseband operation and configuration
- Dataminer, Monitoring and control tool
- Space Link Extension (SLE) operation and/or configuration

This job is located in Darmstadt. We welcome applicants who are available as soon as possible thereafter.

If you think you have what it takes for this job, please send your CV together with a letter of motivation (both in English and in Word or PDF) to Viktoria Panicharova, by clicking on the button "Apply for this job" quoting job **DE-HP-24189** asap.

An exciting and dynamic international working environment awaits you!