

# MAKE IDEAS REAL

## to ensure a safer and connected world !


**ROHDE & SCHWARZ**


Make ideas real




 **Company:** Rohde & Schwarz GmbH & Co. KG

 **City / Region:** Munich

 **Working time:** Full-time

 **Contract type:** Limited

 **Job ID:** 5656

With its leading solutions in the areas of Test & Measurement, Technology Systems and Networks & Cybersecurity, the Rohde & Schwarz technology group is one of the pioneers of a secure and connected world. Founded more than 85 years ago, the Group is a reliable partner for its customers from the private and public sectors around the globe.

Headquartered in Munich, Germany, the company has strong regional hubs in Singapore and Columbia, Maryland to coordinate business activities in Asia and the USA.

## Thesis (m/d/w) RF Path Design for 5G/6G Mobile Radio Testers

Join our Hardware Department in München (Germany) at the earliest possible date.

### Your tasks

- Design a PCB with passive microstrip filters and active components, such as switches, power amplifiers, etc. for the use in our 5G/6G test equipment
- Measure and optimize the performance of your design
- Learn to handle high-tech measurement instruments such as VNA, spectrum analyzer etc.
- Get familiar with RF design software
- Prepare a technical report and work toward your thesis

### Your qualifications

- Studies in Electrical Engineering, Applied Physics or comparable field of study
- Finished microwave engineering courses or antenna engineering courses will be a plus
- First experience with RF simulation tools such as AWR Microwave or/and CST Microwave Studio will be a plus
- Basic knowledge in programming, preferably in Python or MATLAB
- Highly motivated, curious-driven and passionate about RF microwave engineering
- Enjoys working in international teams, combined with strong communicative skills
- Good knowledge of written and spoken English

### Our offer

You can expect very good payment, excellent terms and outstanding opportunities for growth and development. We will also be happy to help you find a room. We have a number of favorably priced accommodations at our disposal.

### Interested?

We are looking forward to receiving your application! If you have any questions, please feel free to contact your recruiting contact at any time. We place great importance on equal opportunities. We look forward to receiving your application regardless of gender, nationality, ethnic and social origin, religion, ideology, disability, age as well as sexual orientation and identity.

Reference number: 5656

Recruiting- Contact: Anna Geier

<https://www.rohde-schwarz.com/career>