



A world class team looking for a world class colleague!

Are you our 5G Systems RF Test Engineer?

Job Overview

Sivers Semiconductors is an international semiconductor company focused on wireless and optical communications through two segments, Wireless, and Photonics. **Sivers Wireless** develops radio frequency (RF) chips and antennas for advanced 5G systems, 60 GHz communication systems, and satellite communications (SATCOM).

In this role, you will validate the performance (by doing measurements on hardware) of our RF products. You will plan, perform, and document the validation. The job also includes the development of Sivers test platforms for RF validation.

You will:

- Together with our design team, define, specify, and perform measurements using our mmWave test setups for conducted and over-the-air (OTA) measurements.
- Perform fault analysis and troubleshooting together with designers
- Develop test scripts that control chip and instruments, mainly in Python
- Summarize measurement results in test reports, both for internal use and as a response to customers' requests
- Operation of our state-of-art instruments: network analyzers, spectrum/signal analyzers, vector signal generators, arbitrary waveform generators, oscilloscopes, etc
- Drive prototype builds and support customer demos

You will be an important part of a group of highly experienced RFIC/millimeter wave engineers that have designed world-leading 5G RFICs. The validation facility and the offices are located in the same building which further assist close interaction with designers.

Key Qualifications:

You are a driven person, who has very good networking and collaboration skills. The position requires a genuine interest in working hands-on with RF systems as well as an interest in Python programming and documentation of test results. You have excellent skills in English, both in writing and orally, Swedish is very beneficial. You have an MSc in Electrical Engineering or a relevant field, and have excellent analytical and problem-solving skills together with experience in several of the following areas:

- Advanced electronic labs, preferably with RF and mmWave applications.
- Scripting of test cases or similar, preferably Python-based.
- Telecommunication System knowledge, preferably 5G NR and/or IEEE 802.11.
- Report writing and documentation.

Beneficial Qualifications:

- Electronics repair and modification (soldering, etc)
- PCB design is merit, particularly mmWave layout.
- Rohde & Schwarz and Keysight instrumentation experience.

Career Development possibilities within Sivers Wireless

The position will give you hands-on experience with state-of-the-art circuits for 5G communication and a thorough understanding of the 5G radio requirements.

The position puts you in a favorable position for personal development both to improve your technical competence in advanced radio communication standards and RF design and towards international customer relations.

Location:

Gothenburg, Sweden

Application:

Send to career@sivers-wireless.com. We will continuously review applications.