



A world class team looking for a world class colleague!

Are you our new member of our world-class RF Validation team?

Sivers Wireless, a subsidiary to Sivers Semiconductors, develops, manufactures, and sells chips, components, modules, and subsystems based on advanced technology for 5G millimeter-wave networks. Our cutting-edge technology products enable our customers to offer faster and more reliable connections. We have completed our first generation of mmWave RFICs supporting frequency bands from 24 GHz to 71 GHz and we are now starting the development of our next generation products.

The opportunity:

Sivers Wireless is looking for a RF Validation Engineer colleague who shares our passion for perfection, demonstrated by our products in the lab.

Tasks and responsibilities:

- Define and realize our mmWave (24 to 71 GHz) test setups for conducted and over the air (OTA) measurements.
- Together with our design team, define, specify, and perform the validation.
- Develop test scripts, mainly in Python.
- Set up measurement results databases for efficient processing.
- Summarize measurement results in test reports.
- Get to understand our state-of-art instruments: network analyzers, spectrum/signal analyzers, vector signal generators, arbitrary waveform generators, oscilloscopes, etc.
- Perform fault analysis and troubleshooting.
- Get to understand the measurements in terms of accuracy, tolerances, calibration, repeatability etc.

You shall be pragmatically minded, supporting quick requests for customer support related HW testing. Here is quick deployment, validation, and presentation of results of great importance.

Required qualifications and experiences:

- SW development, here used for Test Script development in Python.
- Knowledge and experience of SQL Database handling.
- Lab experience.
- BSc or MSc in Electrical Engineering or related area

We also value:

- High Frequency RF testing experience, from industry or academia.
- Basic Telecommunication System knowledge, Preferable 3GPP 5G NR and/or IEEE 802.11.
- Rohde & Schwarz and Keysight instrumentation experience.

We offer:

An exciting and challenging position where you get the chance to work with cutting-edge technology and state-of-the-art mmWave instruments. You will be a member of a team of skilled colleagues who develops world-class RFICs for wireless communication. We are now expanding our Gothenburg and Kista lab facilities to increase our test and validation capacity. The labs are well equipped and will during the spring be further updated with new mmWave capable instruments and a new anechoic chamber.

Location:

Gothenburg

Application:

Send to careers@sivers-semiconductors.com. We will continuously review in-coming applications.

Information:

Please contact: sven.pettersson@sivers-semiconductors.com

Sivers Semiconductors AB is a leading and internationally recognized technology company that, through its two business areas Wireless and Photonics, supplies chips and integrated modules. Wireless develops RF chips and antennas for advanced 5G systems for data and telecommunications networks. Photonics develops and manufactures semiconductor-based optical products for optical fiber networks, sensors and optical fiber communications (Li-Fi). The company is listed on Nasdaq First North Growth Market Stockholm under SIVE. The head office is located in Kista, Sweden. For more information: www.sivers-semiconductors.com