



Lead Characterization Engineer

About the company

Qplox is a fast-growing company offering test and automation engineering. Headquartered in Leuven, with offices in Barcelona and Eindhoven.

Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our Test automation group offers a one stop shop for design of automated test benches, system integration production, lab automation and data acquisition systems, with a growing focus in IoT sensor networks.

Our consultancy department offers services in RF, semiconductors and electronics design and test, as well as on the crossing roads of Nanotechnology, Bio-Science Engineering and Biotechnology.

Job Description

You are a **senior expert in silicon RF validation and characterization with a proven track record**. You have a solid expertise in RF circuits measurement and validation as well as software automation for characterization. You will work closely with RFIC designers, module designers and system level experts in a truly multi-disciplinary team. You lead the measurement activities as a project and drive planning and execution towards ambitious milestones.

We are looking for a Lead Characterization Engineer to:

- drive all activities around radio IC and antenna module measurement campaigns of our millimeter wave wireless product;
- organize, safeguard and validate the test flow both in-house and with external partners;
- plan and follow-up on measurement automation scripting activities;
- review and safeguard quality of measurement setups in the framework of a validation and characterization campaign;
- contribute to measurement activities as needed in a project team lead capacity;
- contribute to product interface specification

Location: Leuven

Candidate Description

The successful candidate has a **proven industry track record** with a multidisciplinary approach to electronic system measurement, validation and characterization with **in-depth knowledge of lab equipment, measurement setup design** and **strong project management skills**.

Following requirements are a must, candidates must tick all boxes to be considered:

- degree in Electrical Engineering or similar, with at least 5 years of industrial experience in electronic system measurement, characterization and validation;
 - hands-on experience in RF lab measurement and debug of wireless radio systems;
 - experience in (RF)IC silicon debug, validation and characterization;
 - expert user of lab equipment used for RF characterization;
 - attention to detail and problem-solving approach;
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- experience in project management in a validation and characterization context;
 - ability to create realistic planning for measurement campaigns
 - ability to maximize results within the constraints of available resources (time, things, people);
 - ability to clearly communicate results to internal and external data customers;
 - ability to delegate and prioritize tasks among project team members.

Following qualifications will make you stand out:

- experience in millimeter-wave circuit measurement;
- experience in a people leadership capacity;
- experience with software (e.g., Matlab, Python, ...) for measurement automation;
- experience in validation of beamforming systems;
- understanding of PCB design, production, assembly and testing flow.

We offer

An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject “**Lead Characterization Engineer**”.
