



RF Test Engineer

This position is located at the Headquarters in Henderson, Nevada. This job is a full-time and on-site position.

VadaTech, Inc. is seeking candidates for a **RF Test Engineer** position. The RF Test Engineer will contribute to providing access to the latest embedded technology for high end use in a wide range of military, telecommunication, high energy physics and other industries applications. Supports and provides expertise from the design to the production phase of RF embedded products. Responsible for the characterization of the data acquisition products line, performs RF measurements on the latest embedded converters and digitizers. In coordination with the design, FPGA engineering and documentation team, plans, performs and reports the test results which will be necessary for the customers to assess the products RF characteristics. Provides feedback and expertise necessary for the design optimization.

Essential Functions:

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Characterize RF performance of RF embedded products.
- Support and provide expertise during the design phase of RF embedded products as applicable.
- Define verification matrix and internal specifications of RF performance.
- Identify and describe hardware/software resources necessary for lab test setup.
- Perform end-to-end test on lab setup.
- Using RF test equipment to evaluate system performance, evaluate compliance compatibility and troubleshoot operational issues.
- Carry out RF test execution and generate status and test reports.
- Coordinate with test, engineering and production team for resource planning.
- Complete existing test procedures of RF embedded products.
- Perform RF test equipment calibration.
- Document and release results with the support of the documentation team.
- Participate in design reviews.

Required Qualifications/Skills:

- Bachelor's Degree in Electronic Engineering; Master's Degree preferred.
- 7+ years of applicable hands-on industry experience in embedded RF design and test.
- Experienced with component-level RF circuit characterization and optimization.
- Hands-on experience with RF test equipment including spectrum analyzer, signal generator, network analyzer etc.
- Familiar with high-speed ADC and DAC tests.
- Knowledge of signal processing in Matlab is a plus.
- Knowledge of RF guidelines for PCB layout is a plus.
- Ability to multi-tasking and manage a variety of complex tasks.
- Excellent communication, interpersonal, and organization skills.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job.

- Environment: Indoors, mainly in office areas.
- Sitting and standing for long hours.
- Ability to move around the facility, climbing stairs as necessary, bend down and reach up.
- Frequently communicates with others; must be able to exchange accurate information verbally and in writing.
- Constantly operate a computer and other standard office equipment such as phones, photocopiers, filing cabinets and fax machines.
- Ability to handle and lift objects weighing up to 25 lbs. alone; ability to lift objects weighing up to 50 lbs. in a two-person lift.

Mental demands:

- Read or write and interpret data

Competitive compensation and benefits which include medical/dental/vision insurance, 401k with employer contribution, PTO, paid Holidays and an on-site fitness center.

Interested qualified candidates should submit their resume, cover letter and salary requirements to vjobs@vadatech.com.

The above information on this description has been designed to indicate management's assignment of essential functions and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to this job. Nothing in this job description restricts management's right to assign and reassign duties and responsibilities to this job at any time.

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