



Phased Array Test Engineer

Parry Labs is seeking a **Phased Array Test Engineer** to participate in the integration and test of wideband phased array (electronically steerable array – ESA) antenna products for mobile platforms. Located in Columbia, Maryland, the candidate will join our multi-disciplined RF Engineering technical team, in the testing antenna of phased array antennas and related subassemblies through their complete life cycle, from concept through delivery.

Specific responsibilities for this position include:

- Antenna test requirements development, evaluation, and tracking
- Implementation, understanding, and use of near field antenna ranges
- Development of antenna integration and test procedures
- Creation of antenna test scripts and control equipment interfaces, including external device control
- Integration, calibration, and testing of phased array antennas and terminals, including interfacing to control equipment, receivers, and modems
- Testing of RF components and subassemblies, using network analyzers and other RF equipment
- Documentation of work product for management and customer program reviews

Desired qualifications this position include:

- BS in Electrical Engineering, or related engineering/science/mathematics fields
- 10 years of antenna experience, with a minimum of 5 years of phased array antenna integration and test experience, including a variety of antenna test ranges and methods
- Experience in RF and/or Antenna engineering design and analysis, a plus
- Experience in creating, development, and executing test plans and procedures
- Experience with related software development, such as equipment control through LabVIEW, and embedded Linux environments for the development of basic port communication protocols, using C, python, or similar
- Strong knowledge, understanding, and operation of vector network analyzers and other RF equipment
- Experience with RF systems assembly, integration, and functional testing
- Experience with requirements development, testing, and validation
- Excellent interpersonal skills, along with effective written and verbal communication skills, to communicate with a diverse team of many technical and managerial levels
- Some travel may be involved for this position

Candidates must be a US Citizen, and have the ability to obtain a US Government security clearance, and will be subject to a US security background investigation. An active security clearance is preferred.

Parry Labs is an Equal Opportunity / Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, gender identity, and sexual orientation), national origin, age (40 or older), disability, genetic information, protected veteran status, or any other factor prohibited by applicable law.