



Phased Array Systems Engineer

Parry Labs is seeking a **Phased Array Systems Engineer** to lead the development 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, developing new antenna concepts and guiding their complete life cycle, from concept through delivery.

Specific responsibilities for this position include:

- Systems engineering and top-level design of antenna concepts
- Requirements development, flow-down, and management
- Documentation of system specifications, requirements, and system design
- Oversight of subsystem component development and performance
- Development and documentation of system testing to validate requirements
- Development, analysis, and documentation of the CONOPS for target applications
- Collaboration with applicable vendors to support fabrication and other services
- 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
- 15 years of antenna experience, with a minimum of 10 years with phased array antennas, including with hardware at Ku/Ka-bands, and above
- Experience with systems engineering and overall design of phased array antennas
- Experience with RF system design/analysis, link budgets, and other performance factors
- Experience with requirements management, flow-down, and validation
- Computational skills with HFSS, MATLAB, and/or other standard design/analysis tools for modeling and simulation
- Knowledge of various integration methodologies for phased array antennas
- Experience with the testing and evaluation of phased array antennas, including a variety of antenna test ranges and methodologies
- 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 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.