



## Senior Electrical Engineer – Passive Microwave Component & Antenna Theory / Design

### Microwave Engineering Corporation

Located in North Andover, MA, Microwave Engineering Corporation is a well-established company in the defense electronics industry which specializes in manufacturing custom-engineered passive microwave components, antennas, and subsystems. We have an immediate need for a senior electrical engineer who possesses a strong academic background and professional experience in passive microwave and antenna system theory and design, including architectures and RF/microwave components and subsystems. The successful candidate will employ their analytical skills to their working knowledge of electromagnetic theory.

**Job Type:** Full-Time

### Required Education, Experience, and Skills:

- Bachelor's Degree in Electrical Engineering plus minimum 4 years' experience; OR
- Master of Science Degree in Electrical Engineering plus minimum of 2 years' experience; OR
- PhD in Electrical Engineering
  
- Passive microwave component (i.e. filters, couplers, adapters, transitions, terminations) and antenna (i.e. horn, spiral, omni-directional): (1) analysis; (2) hardware design; and (3) testing
- Hands-on experience with electromagnetic simulation tools such as HFSS, WaspNET, FEKO

### Desired Skills:

- Propensity for learning through self-study and comfortable working in a multi-tasking environment
- Excellent written and oral communication skills
- Strong academic background in courses such as Microwave Engineering, Electromagnetic Theory, and Antenna Theory
- Hands-on experience with antenna testing techniques, including range testing
- Strong measurement capability, including Vector Network Analyzer and antenna measurements
- Experience in technical writing, proposal writing, and oral presentations
- Experience in cost estimating, budgeting, and schedule management
- Experience leading technical teams in antenna and RF/microwave developments
- Existing Secret Level Security Clearance or ability to obtain one (U.S. citizenship generally required)

**Compensation:** Competitive Based on Experience

**Location:** North Andover, MA

### How to Apply:

- Submit resume, cover letter, references, and compensation requirements to [hr@microwaveeng.com](mailto:hr@microwaveeng.com)

Microwave Engineering Corporation is an equal opportunity/affirmative action employer.