

Electrical Engineer

Department: Engineering

Reports To: Director of Engineering

Essential Functions of the Role:

- Design and qualification of new RF Amplifier Monitoring and Control hardware
- Design and qualification of AC/DC, DC/DC power supplies for RF Amplifiers
- Perform system verification and trouble-shooting of new products

Major Duties and Responsibilities:

- Support production testing and trouble-shooting needs
- Ensures that the highest quality standards are being followed throughout the design cycle
- Ensure a healthy and safe environment is maintained
- Develop RTCA/DO-254 process documentation and standard operating procedures
- Hold and attend various meetings to lead and provide effective communication

Key Competencies:

- 6-10 years of experience in designing and supporting production efforts for aerospace products
- Responsible for making technical decisions from high-level architecture choices down to detailed designs
- Must be able to work from a product specification to produce specific circuit designs
- Capable of analyzing and designing complex AC/DC, DC/DC Power supplies, mixed signal designs
- Excellent communication and people skills
- Comfortable in coordinating with various disciplines
- Work well under pressure to meet program goals
- Proficient with use of Altium Designer for Circuit Simulation, Schematic Capture , and PCB Layout
- Understanding and experience with military and commercial Aerospace products.
- Experience with RTCA/DO-160, RTCA/DO-254, MIL-STD-810, MIL-STD-461

Physical Requirements:

- While performing the duties of this position, the employee is regularly required typing skills.
- Must be able to lift up to 10 pounds
- Must be able to sit for an extended period of time

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations made by to enable individuals with disabilities to perform the essential functions.

Duties and responsibilities can be changed at any time at management discretion.