

Test Engineer II

Department: Engineering

Reports To: Test Engineering Manager

Essential Functions of the Role:

- Design and construction of RF test bench setups and fixtures to support manual and ATE Testing.
- Maintain, train, and continuously improve configurations to support the fast pace design and production of power amplifiers.
- Manage efforts in Design Verification Testing and provide technical information / feedback to project engineer and/or the design review teams.

Major Duties and Responsibilities:

- Researching, analyzing, designing, and creating processes for testing and troubleshooting RF component and RF systems.
- Lead collaborations in a team environment to analyze specifications and performance requirements to create and implement test configurations.
- Create and manage documentation procedures for Design Verification, Factory Acceptance, Qualification, and/or Functional Test.

Minor Duties and Responsibilities:

- Support Production group as needed as resident expert.

Key Competencies:

- Thorough understanding of RF power amplifier testing in standard RF functionalities that includes but not limited to: S-Parameter measurements (S21, S11, S22, S12), IMD, Harmonics, Spurious Emissions, P1dB/P3dB, Gain Compression, Noise Figure, and ACPR.
- Prior experience with supporting Qualification Testing, including but not limited to: Vibration, EMI/EMC, and Lightning.
- Interpret industry standards including DO-160.
- Reputable computer skills using various software programs (Microsoft Office, Microsoft Excel, Visio).
- Knowledge/experience with Labview for test automation.
- Strong communication, organizational and negotiation skills.
- BS Degree in Electrical/Electronic Engineering or a related technical discipline
- 5 yr. minimum in related field

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.