



Example of Microwave Engineer Job Description

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Our company is growing rapidly and is hiring for a microwave engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for microwave engineer

- Requirements and interface definition, design for test, hands-on testing, performance and design verification
- Support state-of-the-art communications subsystems for both commercial and national security programs, from design and development through unit-level integration and test
- Interact directly with customers, suppliers, program management, integration and test engineers, and senior technologists
- Perform advanced design, implementation and testing of solid-state power amplifiers
- Excellent knowledge of RF/Microwave design methodologies and simulation, including latest bus technologies such as PCIe, USB, SAS/SATA and/or Ethernet
- Minimum of 5 years of system/board level experience designing and developing high end, high speed embedded platforms including latest bus topologies

Qualifications for microwave engineer

- Proficient at testing and troubleshooting RF, analog, digital circuits
- BS or MS Degree in EE with SW forte, or equivalent experience
- Proficient with electronic test equipment and testing of circuits
- Bachelors in Electrical Engineering or Computer Science required

- Excellent knowledge of RF/Microwave design techniques, implementation, and measurements including S-parameter measurements and analysis