



Example of Microwave Engineer Job Description

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Our innovative and growing company is looking for a microwave engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for microwave engineer

- Identifying equipment and technology needs, and supporting implementation strategies, in support of electronic component manufacturing
- Driving design for manufacturability in development of new products
- Measuring and communicating product stability and capability to operations and business partners
- Evaluating proposed improvements to processes and products based on analyses of regulatory requirements, product quality needs, ergonomics, safety, environmental considerations, and cost
- Understanding interdependencies across the supply chain by partnering with other engineers and operations associates
- Documenting work via procedures, reports, technology notebooks, the quality system, and design file entries
- Development work in support of advanced state-of-the-art RF and Microwave circuit design for communications and electronic warfare systems
- Design, test, and evaluate RF, analog, and digital hardware and test equipment
- Simulate novel passive microwave structures and ultra-high quality resonators, optimizing for reduced parasitic resonances
- Design and model low noise amplifiers and matching networks

Qualifications for microwave engineer

- Ability to communicate information using standard Microsoft applications including Excel, Word, Office, Power Point, Project and Visio
- Minor in Computer Science or equivalent
- Knowledge of fundamental concepts related to RF/Microwave
- Good to have custom solution design experience
- Good to have work experience in the Automotive, Wireless communication, Aerospace/Defense or electronic device industry