



# Example of Microwave Engineer Job Description

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Our innovative and growing company is hiring 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

- Design and simulate microwave launch structures
- With limited direction, initiate and develop highly innovative radio frequency and signal processing solutions to advanced technical Engineering problems
- Provide expert guidance and consulting to other staff members
- Provide technical management of subcontracts when required
- Represent the Company as the prime technical contact to customers and suppliers
- Perform integration, testing, and troubleshooting of electronic subsystems
- Developing module, board and slice level requirements derived from unit requirements
- Developing and maintaining performance budgets and analyses that flow into worst case unit analysis
- Be a member of the Applied Electromagnetics Group and will report to the Group Supervisor
- Design, fabricate and test solid-state power amplifiers, optical systems, cryogenic systems, microwave hardware systems and associated components for both ground and flight applications

## Qualifications for microwave engineer

- BS in Electrical Engineering or Applied Physics or other related Engineering discipline

experience

- Hands-on experience in the design of automated test systems, and the involved Hardware/Software
- Knowledge of electronic hardware troubleshooting, object-oriented programming preferably in C#, MATLAB or LabWindows and RF devices and test methods
- English and Japanese fluency
- Experienced in the use of different RF Planning tools and especially Asset