



Example of RF Design Engineer Job Description

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Our innovative and growing company is hiring for a RF design 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 RF design engineer

- Maintain and improve InBldg DAS network performance targets
- Configure datafill and integrate new InBldg DAS solutions into the existing network
- Participate in project completion through the Access Operations Zone Teams
- Interface with customers to understand service concerns and coordinate resolution activities
- Characterize millimeter-wave ICs in detail to validate all the features and performance specifications
- Develop characterization schemes for mm-wave products and perform mm-wave performance measurements
- Work on measurement automation and strategy
- Determine the evaluation kit parts for mm-wave products and organize the EVK development phases
- Develop user interfaces and control/test software for EVK's
- Develop module level architectures and analysis including detailed material and device selection

Qualifications for RF design engineer

- 3 years of compound semiconductor hybrid or MMIC high power amplifier experience
- Experience designing high power and high efficiency power amplifiers

- A strong background in RF and Microwave measurements and familiarity with common software tools are a must
- Hands-on experience with board level tuning and optimization of amplifier matching networks
- Working knowledge of latest communications standards such as LTE and WiMAX in terms of power amplifier measurements and related specifications
- Experience using third party power amplifier linearization systems, digital pre-distortion (DPD)