



Example of RF Design Engineer Job Description

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Our company is growing rapidly and is looking for a RF design engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for RF design engineer

- Create test plans and verify prototype designs in the lab generally with both connectorized and probe station test equipment
- Work closely with internal individuals and external vendors to a) insure designs are consistent with manufacturing constraints, including Design-For-Manufacturing (DFM) and Design-For-Test (DFT)
- Develop test plans and perform module level design verification in the lab
- Work closely with manufacturing to resolve process related performance issues to root cause and corrective action
- Develop hardware documents such as technical assessments, implementation specifications and layered specification documents
- Participate in technical discussions and exchanges regarding technology developments, next generation developments and roadmaps
- Design, debug, and test Radio Frequency (RF) and Analog Circuits (power amplifier, low-noise amplifier and filter design)
- Analog and RF IC design
- Verification and documentation
- Support of packaging, qualification and sales

Qualifications for RF design engineer

- MSEE and have a minimum of 5 years circuit design/measurement experience
- Demonstrated ability to design within program cost and schedule constraints
- 8 years circuit design/measurement experience with at least 5 years on GaAs

- Experienced user of microwave test equipment such as modern spectrum analyzers, vector network analyzer, signal generators, power meters
- Experience making measurements with latest communications standards such as LTE and WiMAX in terms of power amplifier specifications