



*Providing Next Generation Wireless Solutions*

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## Electronics Technician

### Company Overview

G3 Technologies (G3T) is a technology based company that develops innovative RF/Microwave, innovative wireless products and solutions. G3T is looking for motivated individuals who thrive in a dynamic work culture. We offer a fast paced work environment with several office locations, competitive salary and benefits, 401K matching, and generous profit sharing plan.

G3T maintains significant expertise in RF Communications, Telecommunications, as well as System, Hardware and Software engineering allowing it to provide unique solutions to our customer's leading edge problems. Our products range from hand held to room size solutions with rapid development profiles that address real world problems.

### Job Description

This position is a unique opportunity for a dedicated and motivated technician to leverage their knowledge and experience. We are looking for a talented electronics technician who is able to apply problem solving skills to a variety of RF hardware products. The successful candidate will be skilled using test equipment, low level circuit testing and debug. This position will work closely with production team colleagues to ensure quality product delivery. Close work with the engineering design team to help products transition to production is also key to this position.

### As a team member, you will be expected to:

- Responsible for testing, tuning and troubleshooting complex tuners, receivers and their various modules. Frequency ranges from 20 MHz to 18 GHz.
- Ability to work from schematics, work instructions and alignment procedures
- Ability to troubleshoot to component level and rework/solder components as required
- Participate in all aspects of product design from concept through system design, component design (hardware & software), component testing, system testing, and successful production
- Work closely with Hardware and Software designers to meet system design requirements
- Ability to document engineering development and production test data
- Develop and document production test plans

### Job Qualifications:

- Associate's Degree in Electrical Engineering or equivalent technical experience.
- 3 - 5 years of experience handling the testing, troubleshooting, and alignment down to the component level.
- Experience with digital tuners and receivers
- Three or more years' experience in one or more of the following disciplines:
  - RF and Microwave test in the 20 MHz to 18 GHz frequency range
  - Expertise in the use of test equipment including network analyzers, spectrum analyzers, power meters, noise figure meters and oscilloscopes.
  - Ability to rework/solder printed circuit board components as required.

### Other desirable experience:

- ORCAD schematic capture a plus
- System level test of RF and/or telecommunication equipment
- Independent problem solving experience
- Production flow management
- Software load and test experience
- FPGA and Microcontroller production Firmware installation
- Linux Based System build and test
- X86 Based ITX processor build and debug
- Internet literate and capable of doing searches for potential resolutions to problems involving Commercial off- the-shelf system components
- Auto Test equipment operational experience