Test Engineer 1

Job Description:

A test engineer at Sonoma Scientific will work every day to support active production lines for precision RF hardware. The individual will be responsible for operation of benchtop CNC machine, troubleshooting electronics hardware, and testing assemblies on a VNA (vector network analyzer). The individual must be able to read and understand specifications while following procedures set in place by Sonoma Scientific.

Test engineers working at Sonoma Scientific will develop an extensive knowledge of RF, magnetic, mechanical, and thermal design practices. They will regularly interact with the manufacturing and engineering team and get hands-on experience working on a wide variety of products. Must be a motivated individual with the desire to learn and succeed.

Education / Experience Required

Bachelors of Science in Electrical or Mechanical engineering (or equivalent experience)

Duties / Responsibilities:

- Primary operator benchtop CNC machine
- Advanced soldering skills for troubleshooting, rework/repair, and test fixture development
- Understand and optimize magnetic circuits
- Assist manufacturing with precision assembly under microscope
- Support test department through the design, development, and improvement of test fixtures
- Use AutoCAD to create, modify, and maintain mechanical drawings
- Calibrate & test RF hardware using high frequency vector network analyzers (VNAs)
- Develop and maintain technical documentation, including standardized test procedures for high volume production

Skills Required

Positive can-do attitude
Able to read and understand specifications & follow procedures
Strong communication skills
Able to use microscope
Able to work under pressure during tight deadlines
Flexibility to adapt quickly in small company environment
Ability to work in a team-based environment