



Senior RF System Test Engineer

Position Description

Perform as a senior member of the system Integration and Test Team validating the next generation of both commercial and military wireless network products. These systems use innovative spectrum sharing methodologies capable of being used in a wide variety of wireless systems. Participate in the entire product life cycle including test planning, testing, release and support of the wireless networking system. Lead lab and field experimentation efforts, including RF hardware prototype experimentation and RF signals collection and analysis. Provide oversight of more junior team members, subcontractors, and/or vendors.

Responsibilities

- Responsible for the system test planning, experiment and test execution, and technical documentation for an innovative spectrum access system
- Interact with internal and external engineering teams on a regular basis to design and create test plans and resolve test issues
- Participate in both internal and external technical reviews

Experience Requirements

- 5+ years of related experience as a Senior RF Test Engineer for communications or radar technologies
- Software experience related to computer controlled test equipment
- Analysis of data to include plotting and calibration using MATLAB, quality assurance of large data sets
- Experience with radio communication equipment, especially of digital communication technology
- Experience using test equipment including a spectrum analyzer, signal generator, GPS receivers testing and an oscilloscope
- Have a firm understanding of RF components (amplifiers, filters, cables, attenuators, etc) and RF terms (interference, dB, dBm, inter-modulation, and noise figure)
- Performing technical work independently as well as managing a team
- Demonstrated ability to troubleshoot equipment and isolate issues
- Be organized and detailed oriented
- Strong verbal and written communication skills

Education and Other Qualifications

- BSEE or related field required
- US citizenship is required
- Willingness to work outside and extensive travel