



Date: 17 December 2020

Job Description

Senior SATCOM Test Engineer

1. **JOB TITLE:** Senior Satellite Communications Test Engineer
2. **SECURITY CLEARANCE:** U.S. Citizenship or permanent residency required. Ability to obtain a Government security clearance required
3. **PHYSICAL REQUIREMENTS:** Ability to lift a minimum of 25 lbs. Must be able to travel by air up to 10% of the time.
4. **EDUCATION:** Undergraduate engineering degree or equivalent job experience required.
5. **PREVIOUS EXPERIENCE:** Minimum of 8+ years of progressive experience in the design, operation and maintenance of test equipment utilized for the integration and test of complex digital / microwave components. Specific experience in X, Ku and Ka band RF products, test equipment and supporting devices is a plus. Must have experience / knowledge in GPIB, USB and RS232/RS485 interfaces.
6. **Job Requirement Summary:** The Sr. Test Engineer is responsible for the Engineering Qualification Test Process to demonstrate that released and delivered SATCOM Products can satisfy contractual, environmental and operational requirements.
 - 6.1 Design, develop and release of Qualification Test Procedures (QTP) for various SATCOM products that satisfy internal or contractual requirements.
 - 6.2 Working knowledge of DoD Qualification standards, such as: MIL-STD-461: EMI/EMC and MIL-STD-810: Environmental.
 - 6.3 Technical oversight and direct participation in the formal execution of qualification and acceptance tests of SATCOM products and systems.
 - 6.4 Leader in data collection, data analysis, test data summary, and documentation of Qualification Test results in a reporting format that satisfies internal or contractual requirements.
 - 6.5 Ensure calibration certification of Engineering test instrumentation, software code and measurement resources are maintained.
 - 6.6 Plan, schedule, procure and oversee outside test facility resources, when needed, to perform specific test events on SATCOM products.
 - 6.7 Increase use of automated testing of the production-released products, performance requirements coverage, and automated product traceability and reporting.
 - 6.8 Review Qualification and Design Engineering Test processes and practices for opportunities to improve quality and/or lower costs.



- 6.9 The Sr. Test Engineer will work with a cross functional product development team, from project inception to final product delivery to ensure optimal project performance. The Sr. Test Engineer will utilize standard productivity tools such as Outlook, MS Office and PDF viewers to review Engineering documentation and develop and document formal Qualification test plans and procedures that conform to contractual requirements and may be subject to customer review and approval.
 - 6.10 Develop qualification test procedures and test report templates that may serve as basis for generating new test procedures.
 - 6.11 Performs other duties as assigned by Engineering Program/Project Managers.
 - 6.12 Display a commitment to ethical business conduct and appropriate social behavior while representing Tampa Microwave on and off our premises.
7. **SUPERVISION:** Vice President Engineering.
 8. **TRAINING PERIOD:** Minimal orientation consisting of mandatory Business Ethics.