



RF Technician | UAN – 5E646E

Department: RF Engineering / RF Laboratory

Location: Office / MVG Israel (Emek Hefer)

Type: Full-time

About the Role

As an RF Technician at MVG, you will support the development, verification, integration, and testing of RF subsystems and antenna measurement systems in the RF laboratory. You will play a hands-on role in preparing RF units, components, and signal chains for integration into advanced antenna measurement systems used in defense, aerospace, telecommunications, automotive, and research environments. This role is ideal for a practical, detail-oriented technician who enjoys RF hardware, laboratory measurements, and multidisciplinary engineering work.

About MVG

MVG – Microwave Vision Group – is the global leader in electromagnetic field measurement solutions. With 400+ employees, offices across 4 continents, and over 25 years of consecutive growth, we help the world's most innovative companies test, validate, and push the boundaries of wireless technology. Our mission: Testing Connectivity for a Wireless World.

Join us to shape the future.

Responsibilities

- Ensure verification testing of RF units, modules, and subsystems according to defined test procedures.
- Implement RF laboratory measurements using Vector Network Analyzers, Spectrum Analyzers, Signal Generators, Signal Analyzers, and power measurement equipment.
- Develop and prepare RF measurement setups, including cables, adapters, attenuators, couplers, and other RF accessories.
- Collaborate with RF engineers, system engineers, mechanical engineers, and software teams to support system debugging, troubleshooting, integration, and validation.
- Optimize RF system integration activities by assembling RF signal chains, connecting components, and verifying RF routing within complete systems.
- Manage RF laboratory organization, component inventory, calibration readiness, and operational availability of test equipment.
- Support Factory Acceptance Tests, antenna measurement setups in Near Field and Far Field ranges, and customer-site installation activities when required.

Requirements

- Technical degree or practical engineering education in electronics, RF technology, or a related field.
- Basic understanding of RF and microwave systems, RF components, and antenna measurement principles.
- Experience operating RF laboratory measurement equipment such as VNAs, Spectrum Analyzers, Signal Generators, Signal Analyzers, and power measurement equipment.
- Ability to perform RF measurements including S-parameters, P1dB compression point, Noise Figure, IP3, gain measurements, and RF signal level verification.
- Ability to read and interpret electrical schematics, RF diagrams, layout drawings, and technical documentation.
- Strong hands-on technical skills, precision in RF cable handling and connector assembly, and high attention to detail.
- Good English communication skills, ability to work under time pressure, and willingness to travel internationally up to 20% for installations and integration support.

Nice to Have

- Experience working in RF laboratories, antenna measurement environments, or Near Field/Far Field range setups.
- Familiarity with RF components such as amplifiers, filters, mixers, couplers, RF switches, attenuators, and complete RF signal chains.
- Experience supporting system integration activities, Factory Acceptance Tests, or customer-site installations.
- Familiarity with ECSS, MIL-STD, or equivalent standards, plus experience with PDM/PLM systems, configuration management, version control, or complex system BOMs.

How to Apply

Send your CV and a short cover note to careers@mvg-world.com with the subject line: 5E646E - RF Technician. We review applications on a rolling basis and aim to respond within two weeks. We look forward to hearing from you!

MVG - Testing Connectivity for a Wireless World

Special note: This role may require eligibility for access to classified or sensitive information under applicable national security laws. Possession of an active clearance is not required, and the company may conduct necessary background checks or request supporting documentation in compliance with applicable laws and regulations.