RF AIT Engineer, Satellite Communications

Verify satellite RF and radar systems

Job Information

Recruiter
Cornerstone Recruitment Japan K.K.

Job ID
1623237

Industry
Other (Manufacturing)

Job Type
Permanent Full-time

Location
Tokyo - Other Areas

Salary
Negotiable, based on experience

Refreshed
November 16th, 2026 15:55

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
None

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

Location Tokyo, Japan

Job Type Permanent full-time

Work Style On-site

Experience 3+ years

English Professional communication skills

Japanese Preferred

Join a satellite engineering team responsible for radio-frequency assembly, integration, and testing. You'll verify spacecraft communications and radar payloads, troubleshoot performance issues, and collaborate with international engineering and

operations teams.

Responsibilities

- Integrate and verify RF hardware at component, subsystem, and spacecraft levels.
- Plan chamber tests and assess antenna, communications, and payload performance.
- Automate tests in Python, analyze results, diagnose problems, and support corrective action.
- Support environmental and hardware-in-the-loop testing. Write test plans, integration procedures, and reports.
- Work with cross-functional engineering teams to improve test efficiency and production reliability.

Apply through CareerCross.

Required Skills

Required Qualifications

- At least three years of hands-on systems integration, testing, or production experience.
- Strong RF fundamentals, including satellite communications, antennas, radar payloads, and link budgets.
- Practical experience with anechoic chamber testing, antenna measurements, RF troubleshooting, and system-level verification.
- Working knowledge of Python for test automation and data analysis. Familiarity with hardware-in-the-loop testing, environmental testing, and configuration management.
- Ability to solve technical problems across disciplines and communicate professionally in English.

Preferred Qualifications

- Experience in aerospace, satellite communications, radar, or defense-related engineering.
- Familiarity with synthetic aperture radar, payload calibration, satellite link-budget analysis, or automated RF testing frameworks.
- Design for testability or manufacturing. Familiarity with Jira, Confluence, Lean, or Six Sigma.
- Japanese communication skills.

Company Description

Confidential client