Job Description:

We are currently seeking a highly skilled and experienced RF Systems Engineer to join our dynamic team. The ideal candidate should possess a strong background in RF/Microwave technology and have proficiency in various programming languages, including C/C++, Python, Java, Matlab, and LabView. The candidate should be well-versed in using RF test instruments such as Spectrum Analyzer, Vector Network/Signal Analyzer, and Logic Analyzer.

Responsibilities:

Lead the introduction of new RF systems on satellite communication architecture designs and proposals.

Define RF hardware unit DFM procedures and requirements for antennas, receivers, filters, and amplifiers.

Act as a team leader on end-to-end technical project design, development, testing, and validation.

Manage Test/Production readiness reviews and drive quality requirements for post-ramp qualification.

Conduct audits and DFM reviews on-site with suppliers and investigate algorithms to optimize overall RF system performance.

Perform EVT, DVT, and PVT validations and quality measurements for satellite assembly at system and unit levels.

Drive and track closure on any RF components and modules NCs and issues impacting production readiness.

Generate cascade RF performance prediction analyses (e.g., NF, Gain, IP3, 1dB-Comp, spurious, etc.).

Monitor and measure manufacturing processes to reduce losses, decrease time span, and improve quality.

Qualifications:

Bachelor's or Master's degree in Electrical and Computer Engineering.

Proficient in RF/Microwave software such as Ansoft Designer and AWR Microwave Office.

Extensive experience in circuit design and PCB design using tools like SPICE, NI Multisim, Eagle, and PCB Artist.

Strong programming skills in C/C++, Python, Java, Matlab, and LabView.

Experience with RF test instruments and tools including Spectrum Analyzer, Vector Network/Signal Analyzer.

Proven ability to manage multiple projects simultaneously with a keen attention to detail.

Excellent communication and leadership skills.

If you are a self-motivated RF Systems Engineer with a passion for innovation and a strong technical background, we invite you to apply for this exciting opportunity. Join our team and contribute to cutting-edge projects in the field of RF technology. Apply now!