



Sr. WCDMA Engineer NW Design & Optimization Engineer, Radio WCDMA

Description:

- NSN UMTS RF engineer III will be required to perform moderately difficult tasks that require limited judgment and requires minimum supervision (confer with technical leads on unusual problems).
- Responsibilities include linking budget analysis, system dimensioning for coverage and capacity, initial system design and dimensioning and RF optimization.
- Expenses are for travel once on the assignment and is for travel outside of your market.
- Office space, and connectivity is provided.
- Engineer is expected to have Laptop PC & s/w licenses, Mobile phone, car, local accommodations.

Requirements:

Essential Duties and Responsibilities: The area of responsibility will generally cover, several of the following activities -

- Perform RF network design, planning and optimization activities on NSN family of equipment.
- Perform link budget analysis, design criteria and traffic analysis on NSN family of equipment.
- Ensure data integrity of various morphology/topography databases and drive test data for model calibration
- Undertake network performance improvement (KPIs) and optimization tasks
- Undertake BSS/RNC/Node B parameter modifications
- Analyze and recommend equipment and antenna co-location requirements for different technologies
- Perform site build verification and acceptance
- Perform PN planning
- Responsible to resolve day-to-day issues and support regions to deliver KPI of every UMTS cluster
- Implement UMTS optimization/acceptance plan, sponsor best practices, assess and escalate system issues to RAN, Core, Data design teams



- Undertake network performance improvement (KPIs) and optimization tasks
- Undertake BSS/RNC/Node B parameter modifications
- Site configuration analysis
- Pilot pollution analysis, parameter configuration, IRAT neighbour analysis
- Exclusion / Exception area recommendation and verification
- Identify, resolve all coverage and RF design deficiencies
- Good computer skills, able to work flexible hours, self- motivated and ability to work under pressure, good interpersonal skills