



LTE RF Optimization Engineer

Job type: Contracting period 8- 12months

Location: Middle East

Reporting to: Director of Consultancy Services / Project Delivery Manager

Job description:

- To establish and analyse the requirements for 3G/HSPA/LTE solution
- Develop appropriate specifications to enhance the delivery process and the underlying tools
- Planning and executing tasks to optimize LTE RF clusters in the customer's live network
- Generate field test plans. According to the project scope, to coordinate with partners or organize/ monitor the necessary testing directly

Responsibilities include:

- Directly interface with the customer to report KPI results and status of optimization activities.
- Drive improvements to the network using configuration changes.
- Study RF design coverage maps and Drive Test data to identify problem areas in terms of coverage, interference, or pilot pollution. Troubleshoot problem areas and provide recommendations for system performance enhancements.
- Troubleshoot areas with poor RF performance. Request drive tests, analyse data, and recommend network changes as applicable.
- Support KPI monitoring before and after site launches and troubleshoot and escalate, as needed, for resolution.
- Perform complex data trace analysis to improve LTE performance.

Experience required:

- Bachelor of Science in Telecommunication, Electrical Engineering or an equivalent field or relevant experience specific to telecommunication
- 5 years of experience as a lead engineer in RF Optimization projects
- Least 1 year of experience working on LTE Optimization projects
- Extensive experience of 3G optimisation projects
- Proven ability to develop solution from Vendor documentation
- Excellent of knowledge of 3G Radio Optimisation parameters, KPI's, drive test analysis
- Familiarity with RF Optimization procedures and RF Optimization tools/test equipment
- Familiarity with RF Optimization tuneable parameters, Knowledge of antenna configuration
- Knowledge of ALU or Ericsson system architecture
- Knowledge of Actix or similar Post-Processing tool
- Understanding of the Access Technologies (CDMA/EVDO or LTE) air interface
- LTE Basic Call flow, mobile operations, Ability to use Network Performance tools
- Exposure to Huawei NodeB equipment a plus
- Exposure to Huawei Network elements a plus