

**Job Title: RF DAS Engineer I**

**Job Location: Tampa FL**

**Job Description:**

The candidate will be part of a team supporting projects throughout the designated market and responsible for designing small cell networks and Distributed Antenna Systems (DAS). In addition, the candidate will support these projects during the initial site survey, construction, commissioning, optimization, and maintenance phases.

- Develop coverage and capacity solutions to meet customer and AHJ (Authority Having Jurisdiction) requirements for in-building public safety and cellular communications enhancement systems.
- Perform system design, planning, and optimization of DAS (Distributed Antenna Systems) and Small Cell projects.
- Review and analyze coverage test reports, performance reports, and prepare customer documentation.
- Evaluate and complete new technology and vendor trials.
- Develop and optimize procedures for DAS implementation, integration, testing, and commissioning.
- Provide technical guidance to junior system designers and field technicians.

**Qualifications & Requirements:**

- 3 years of Wireless RF Engineering experience that includes design and commissioning of Public Safety (Land Mobile Radio P25 and Narrowband FM) and Commercial Cellular (LTE) Distributed Antenna Systems (DAS).
- Experience with both Passive (coaxial) and Active (Head End and Fiber-Fed Remote units) Distributed Antenna Systems
- 2+ plus years iBwave design experience with at least Level 1 Certification (Level 2 desired)
- Knowledge of IFC / NFPA regulations for Public Safety Distributed Antenna Systems
- Bachelor's Degree in Electrical/Electronics Engineering, Telecommunications, or a related field, or demonstrate equivalent, relevant experience.
- Experience with Test & Measurement equipment related to Bi-directional amplifiers configuration and testing- PCTEL scanning receivers, RF spectrum analyzers, communications analyzers, Carrier-wave transmitters

- Knowledge of KPI's related to RF layer- RSSI/RSRP, SINR/RSRQ, Bit Error rate
- Experience obtaining retransmission agreements from license holders and network operators
- Strong communication skills with both internal team members, customers, and end users.
- Ability to deliver results and meet deadlines while managing competing priorities and deadlines.
- Understanding of Carrier Aggregation, MIMO, and Beamforming
- Experience with applications such as Planet, Wizard, Atoll, MapInfo
- Experience with creating RF Link Budgets and RF Distribution Systems
- FCC General Radio Operators License (GROL) or ability to obtain within 180 days of start date.
- Knowledge of TCP/IP, networking principles and network security.
- Approximate 25% travel.