

***Professional Profile:***

- ❖ Radio Frequency (RF) & Telecommunications System Engineer since 2000
- ❖ 750/Cellular/PCS/AWS Coverage Design of 5G NR, 4G LTE, and 3G UMTS/CDMA networks
- ❖ Zoning Testimony for FCC licensed wireless carriers in MA, NH, ME, RI, NY, NJ
- ❖ Public Safety System Design
- ❖ GIS/Mapping and Data Analysis

***Professional Experience:***

**Sr. RF Engineer/Manager/Director of RF Services**

**C Squared Systems, LLC (June 2009 – Present)**

**Manchester & Auburn, NH**

- ❖ Serving a variety of technical needs for customers in the wireless/telecommunications industry
- ❖ Project Management of Zoning Support and EME Compliance Projects for wireless carriers
- ❖ RF System Design and Propagation Modeling, RF Exposure Compliance Analysis, IM Analysis
- ❖ Train new RF engineers

**Sr. RF Engineer**

**PierCon Solutions, LLC (September 2000 – June 2009)**

**Lincoln Park, NJ**

- ❖ RF Engineer for projects with clients such as Motorola, Sprint, and T-Mobile (detailed below)
- ❖ Lead Engineer on Wireless Broadband Projects

**Motorola (July 2007 – May 2009)**

**Glen Rock & Montvale, NJ**

- ❖ System Engineering consultant supporting design activities for the FDNY Public Safety System
- ❖ Responsible for system documentation updates (Audio Routing Drawings, Rack Drawings, Signal and Cross-connect Reports) reflecting design changes made to a legacy console system for integration of a new UHF Simulcast system
- ❖ Design equipment connections and wiring details to implement system modifications
- ❖ Support technicians implementing equipment changes/additions

**Sprint-Nextel (Sept. 2000 – June 2007)**

**Mahwah, NJ & Burlington/Woburn, MA**

- ❖ RF Engineering consultant to Sprint in support of their PCS CDMA network in the Boston MTA and New York MTA
- ❖ Lead Engineer responsible for data analysis and RF acceptance of new facilities
  - Sweep test analysis, post-processing and analysis of new facility drive test data, Recommendation of optimization changes to Performance Engineering Team
- ❖ CDMA representative for evaluating consolidation of CDMA & iDEN assets post-merger (Sprint PCS/Nextel)

***Educational Background:***

**University of New Hampshire**

**Durham, NH**

*B.S. Electrical Engineering, 2000*