Greensboro Trial

IPWireless

Today's Demonstration Agenda

- Trial Objectives
- Greensboro Trial Configuration
- Product Demonstration
  - In office demonstration:
    - Demonstrate technology through typical subscriber uses/applications
  - Off-site laptop demonstration:
    - Out of office use
    - Non line-of-sight/in-building penetration
    - Multipath environment
  - View typical outdoor site installation
  - View core network

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Trial Objectives

- Enables IPW to prove out radio and core technologies in real-world environment
- Creates environment to test & debug complex end-to-end system issues, test commercial "readiness"
- Provides technology demonstration platform; beneficial for key investors, strategic partners and customers
- Proves out network design strategy, generates traffic data for network planning, performance enhancements
- Allows for early feedback from 3rd party test users re: product and user experience

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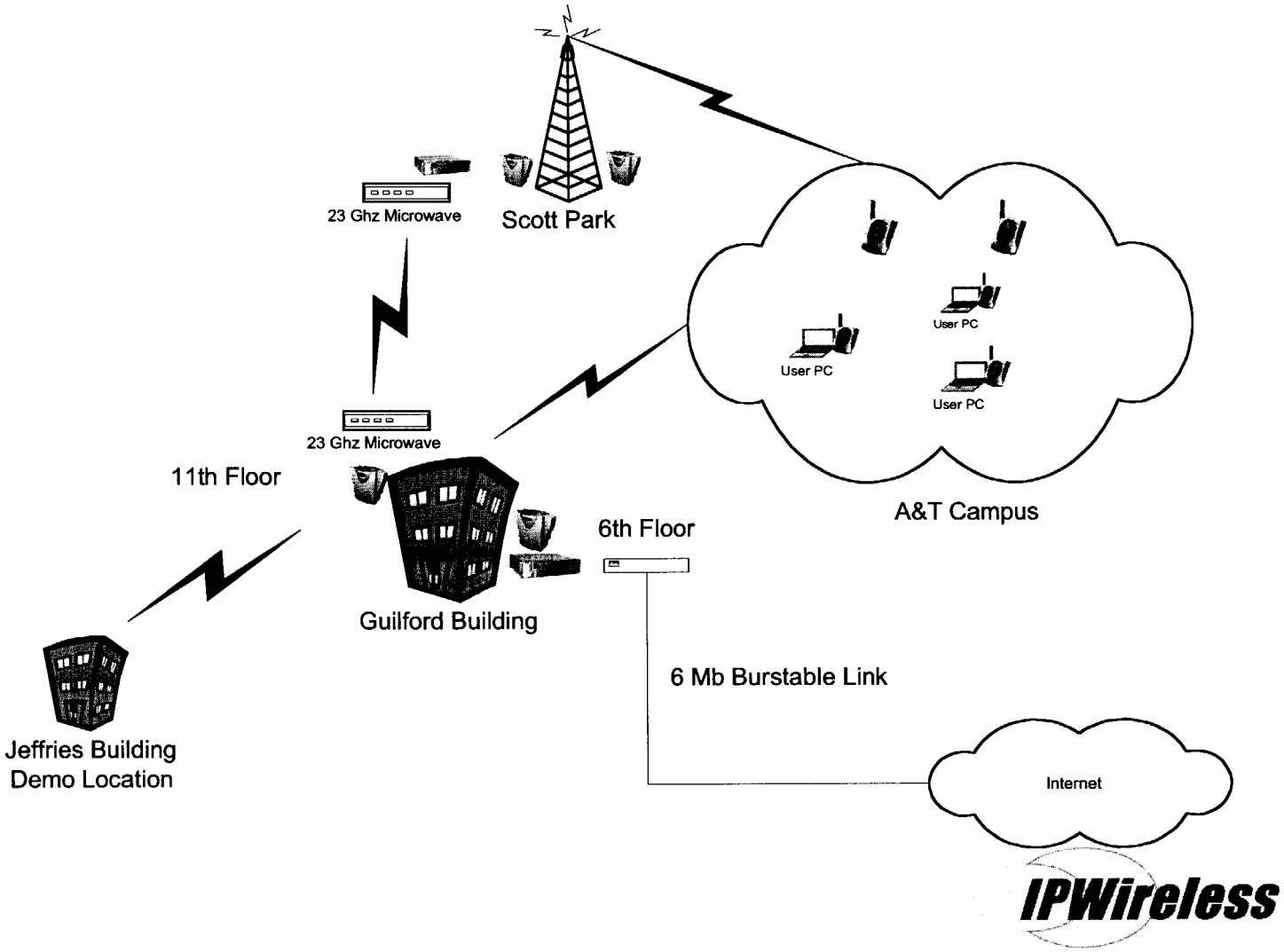
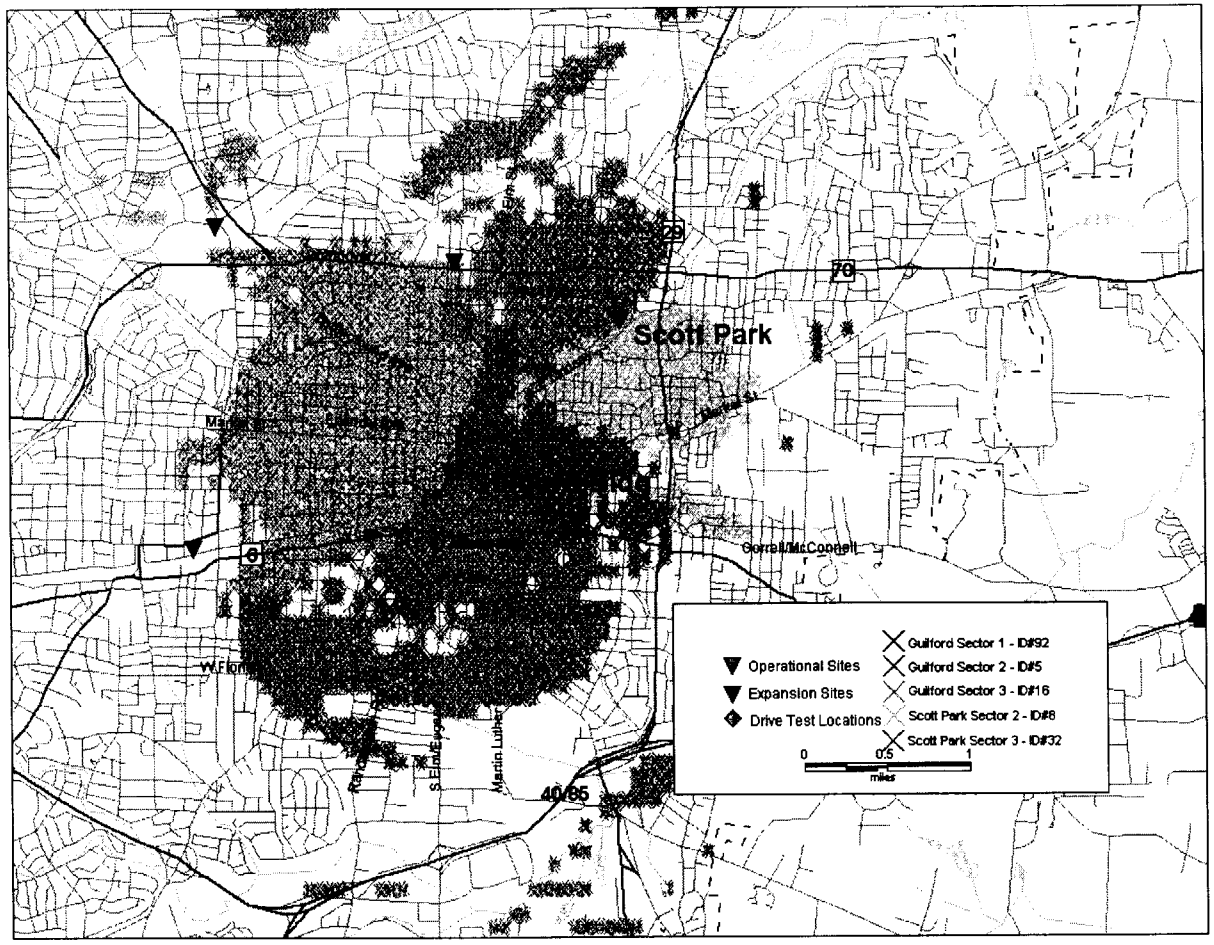
Current Greensboro Configuration



Initial Trial Coverage Area



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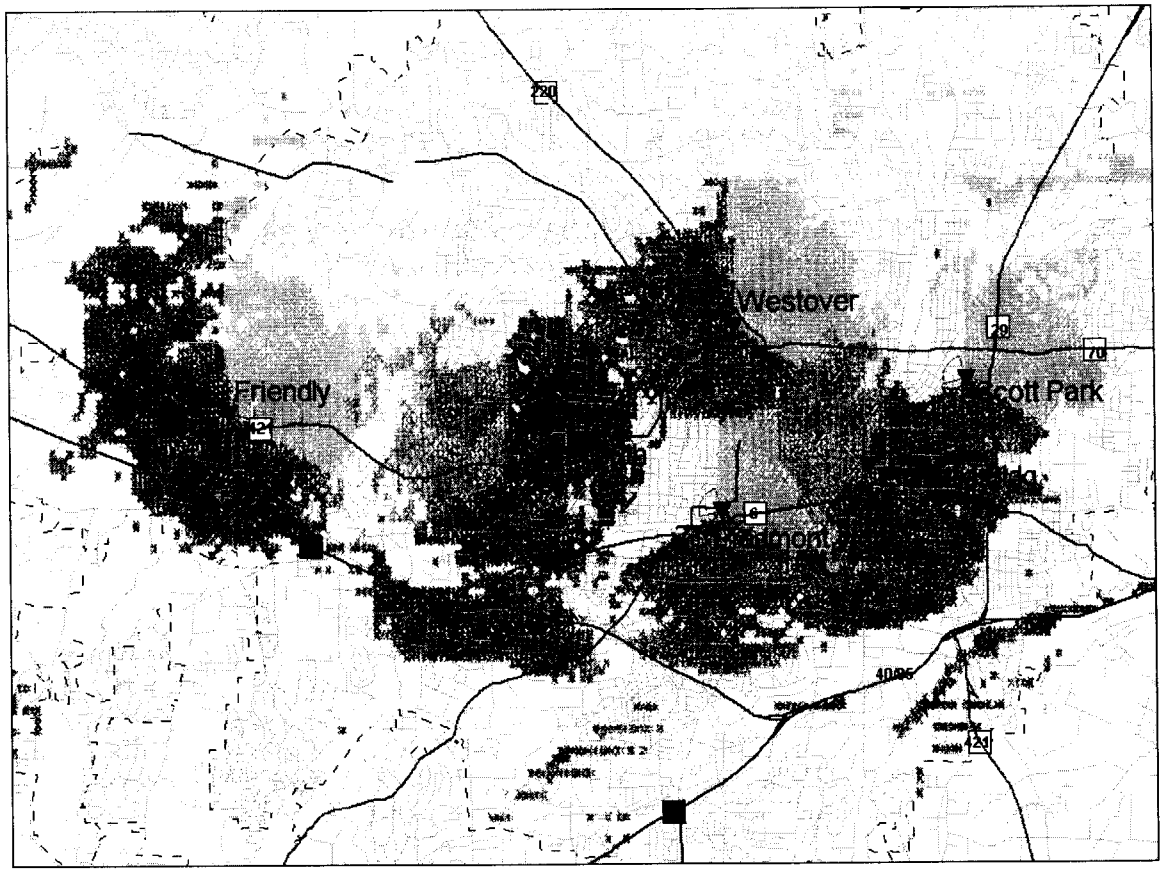
Expanded Trial Coverage Area



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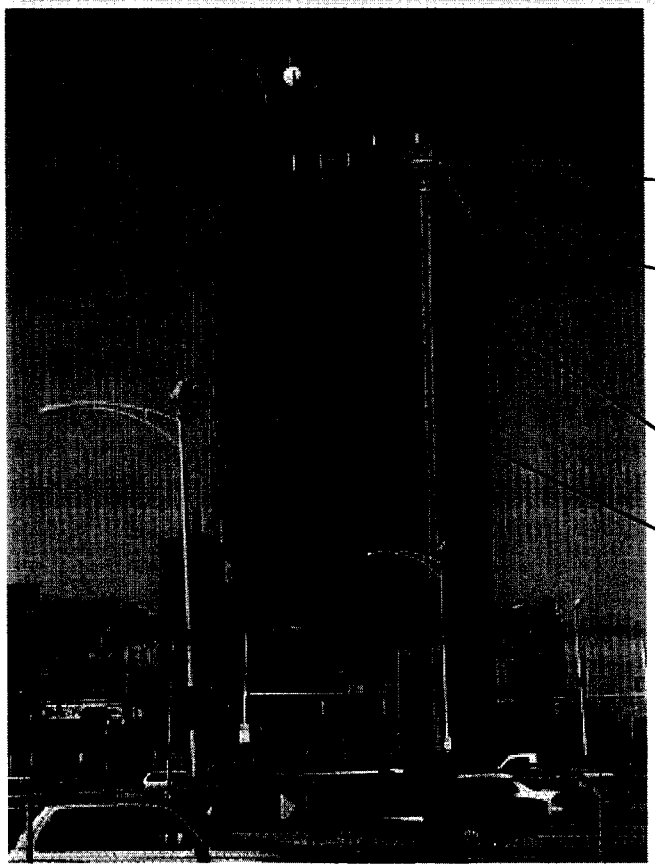
Guilford Building



Site Details

- 23 Ghz Microwave to Scott Park
- 11th Floor Equipment Room
  - Two Node B's
  - Microwave Receiver
  - MMDS Broadcast Transmitters
- Antenna Height 95' Above Ground
- 6th Floor Room
  - One Node B
  - INC
  - Primary Node
  - Internet Access
  - Office for personnel

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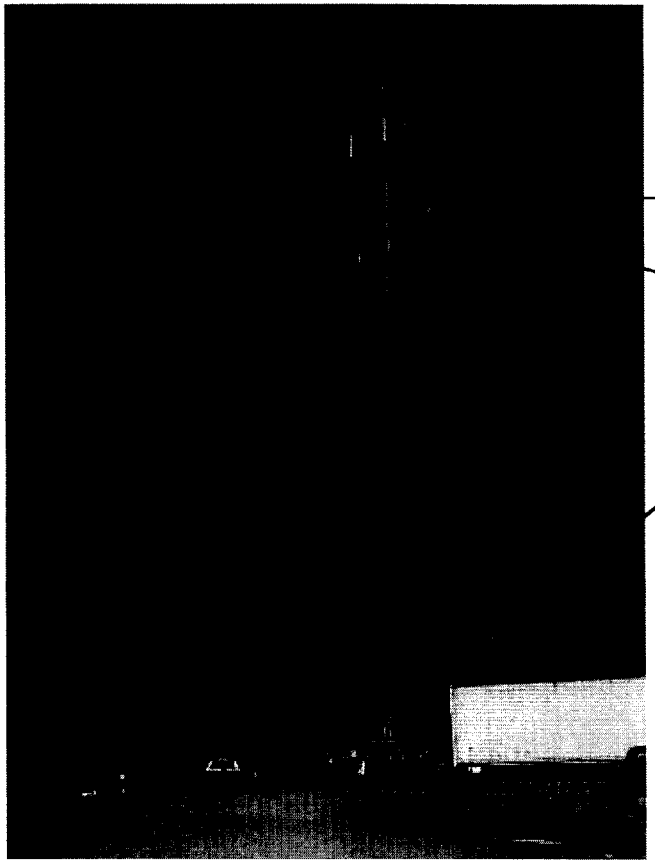
Scott Park



Site Details

- •23 Ghz Microwave to Guilford Building
- •Antenna Height 120' Above Ground
  - • 3 Sectors (60,180,300)
- •Ground Space
  - • Outdoor Cabinet
    - •Microwave Receiver
    - •INC
    - •Battery Backup
  - • 2 Node B's are mounted to Unistrut

ORIGINAL

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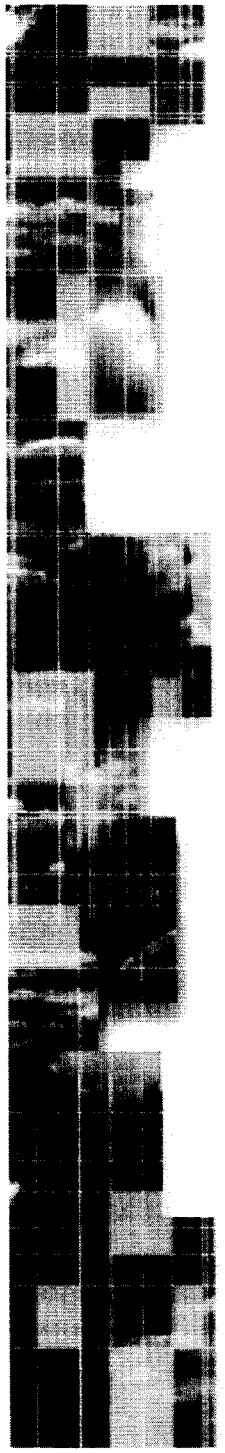

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Now for the real stuff
On To the Demonstrations