

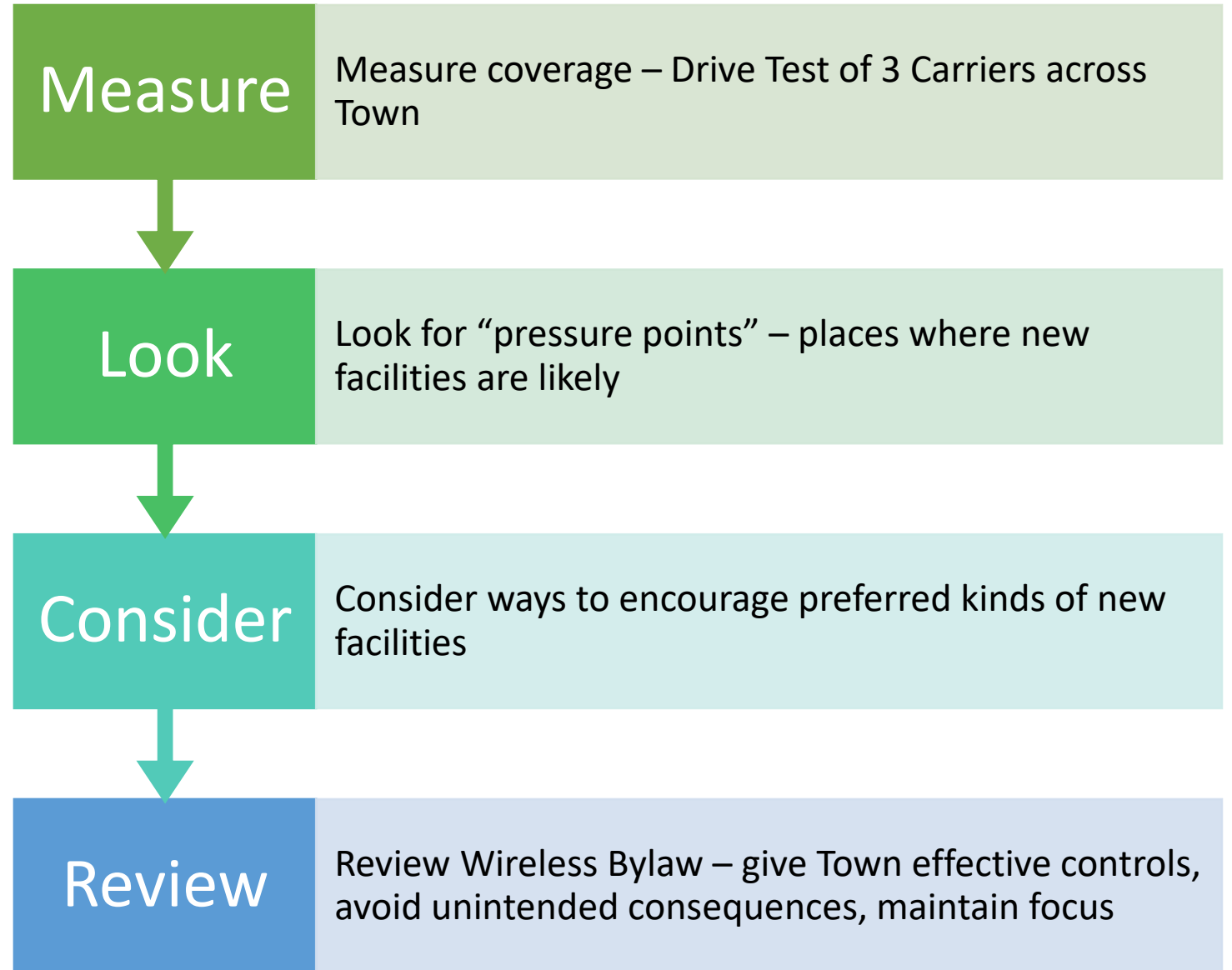
Lenox Wireless Regulation

Isotrope, LLC Consultation

David Maxson, WCP

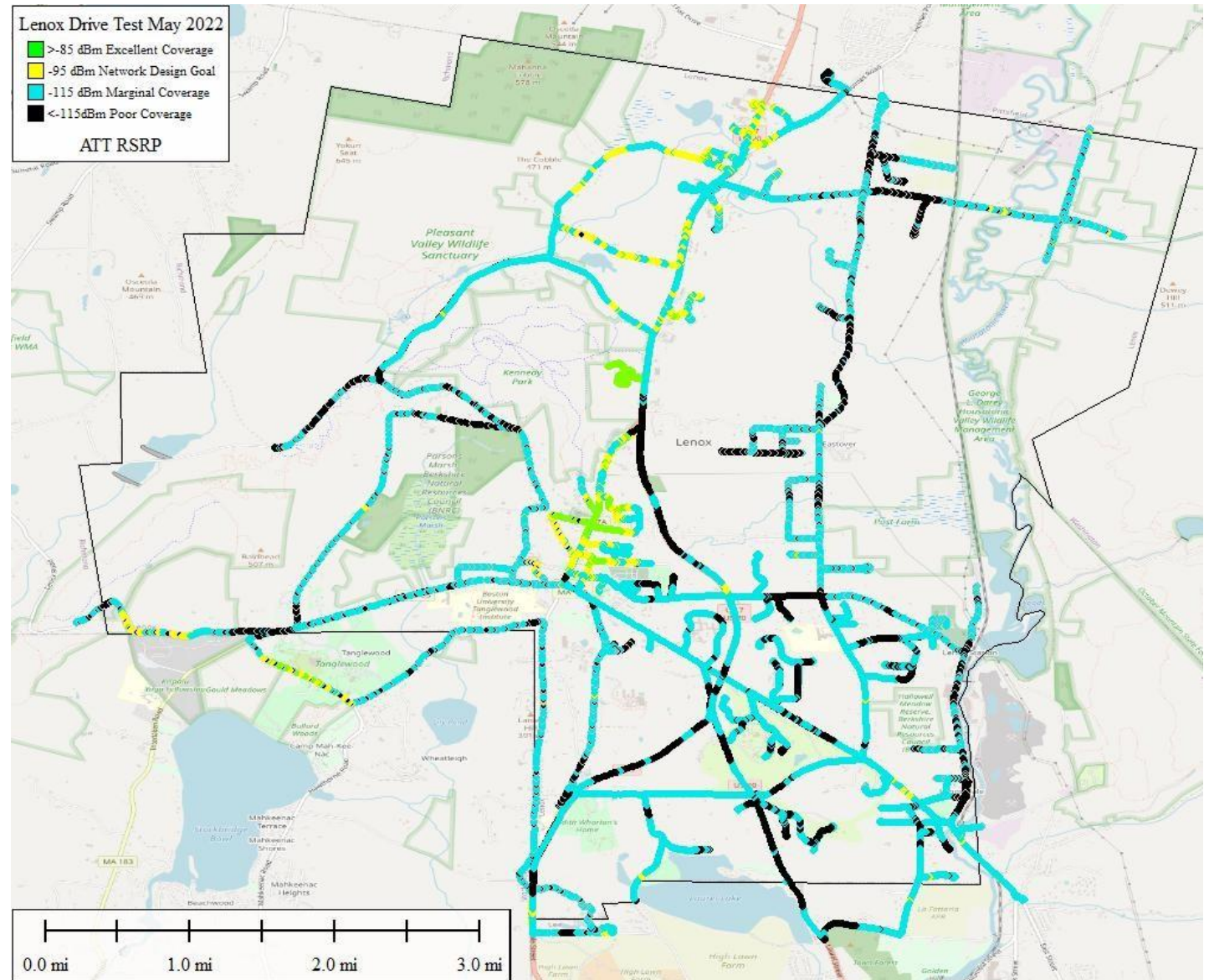
June 28, 2022

Project Outline



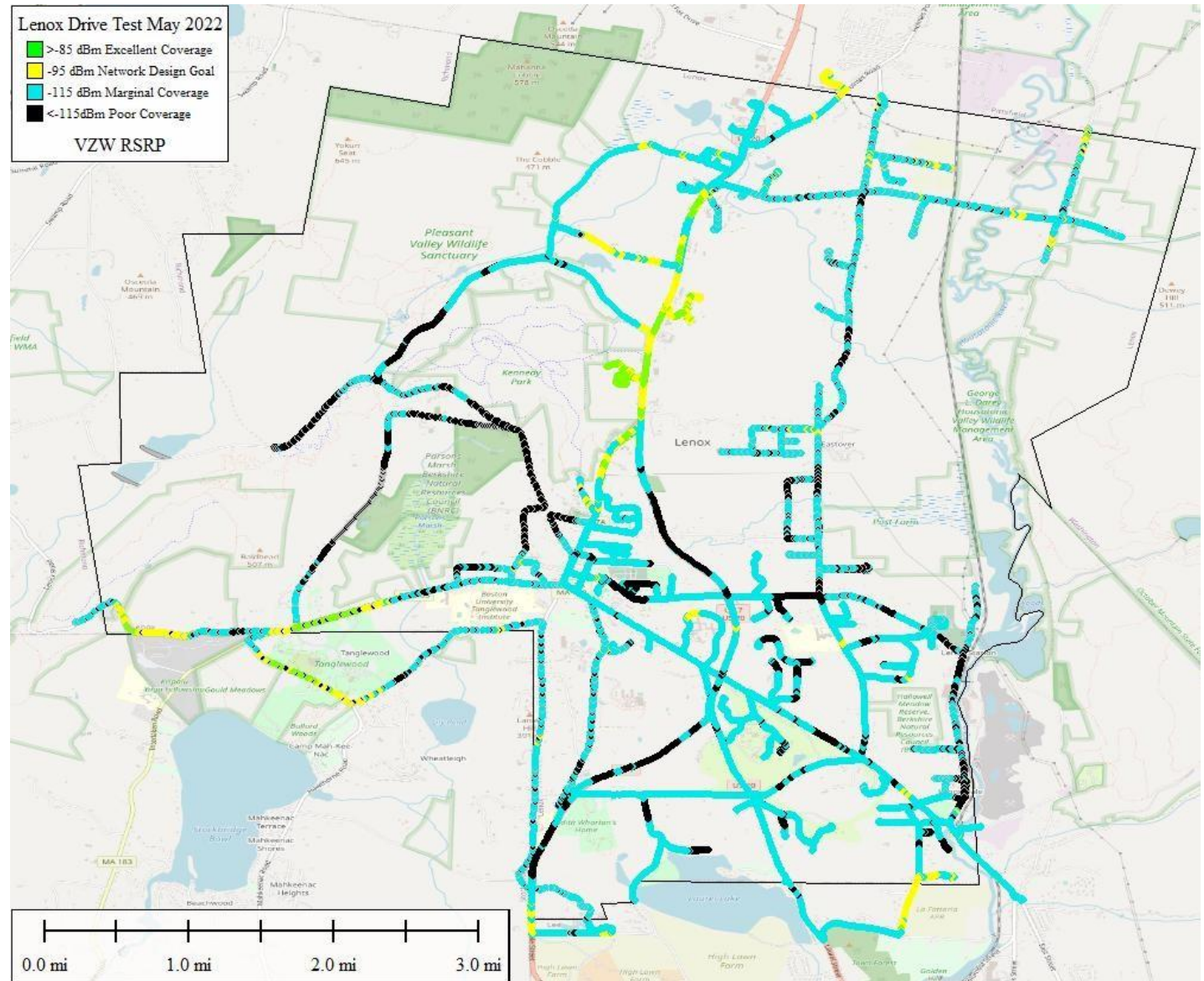
AT&T

- Drive test coverage



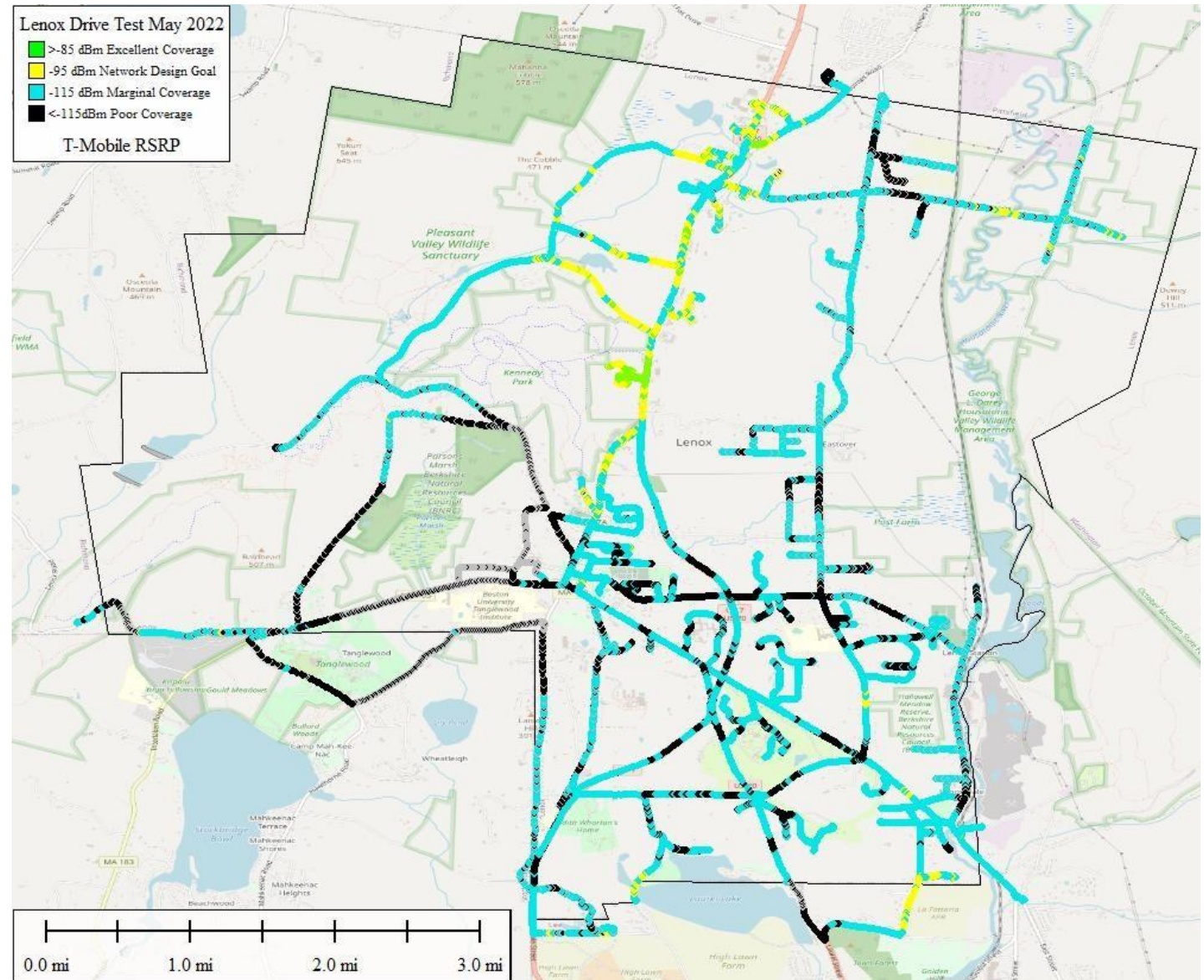
Verizon

- Drive test coverage



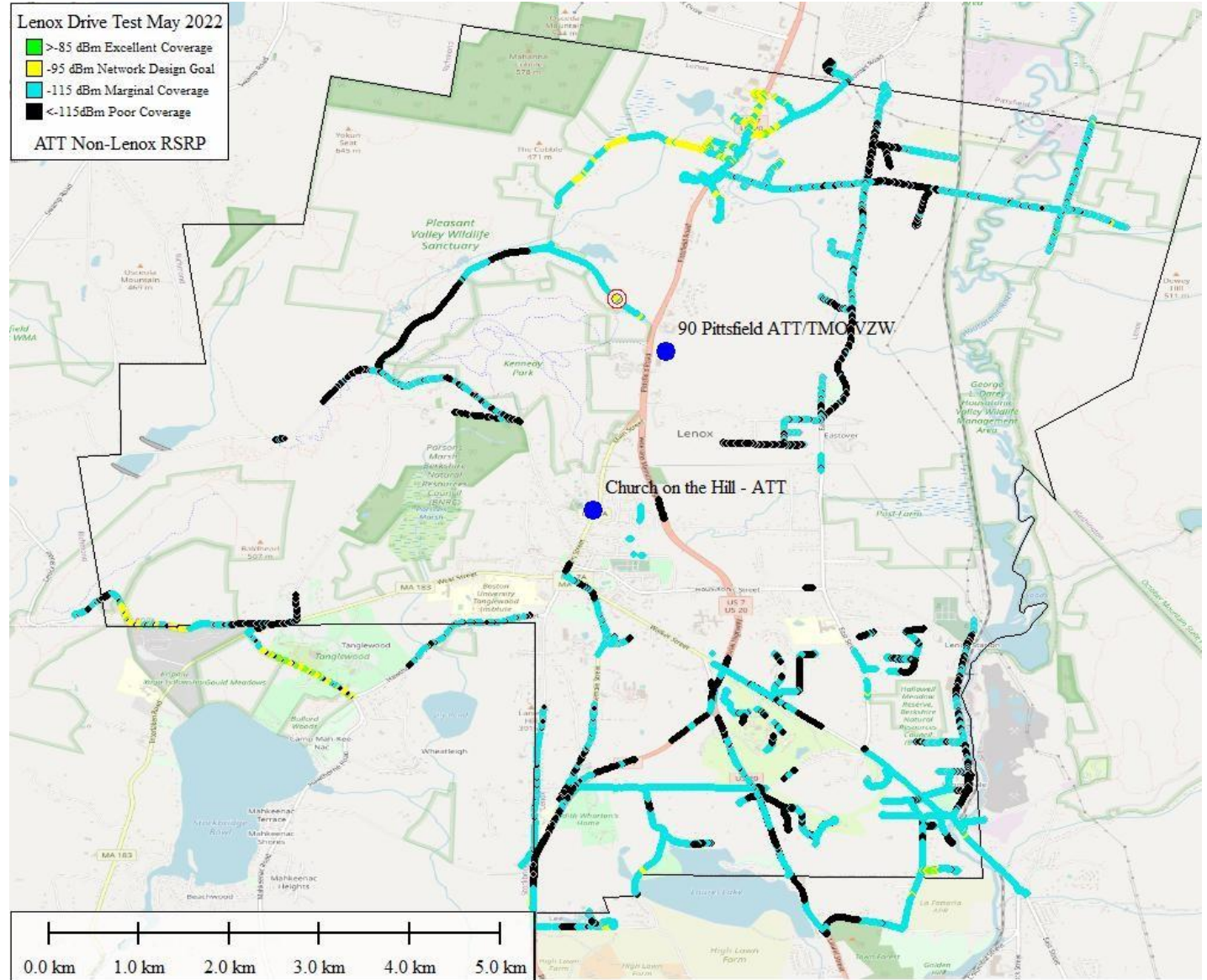
T-Mobile

- Drive test coverage



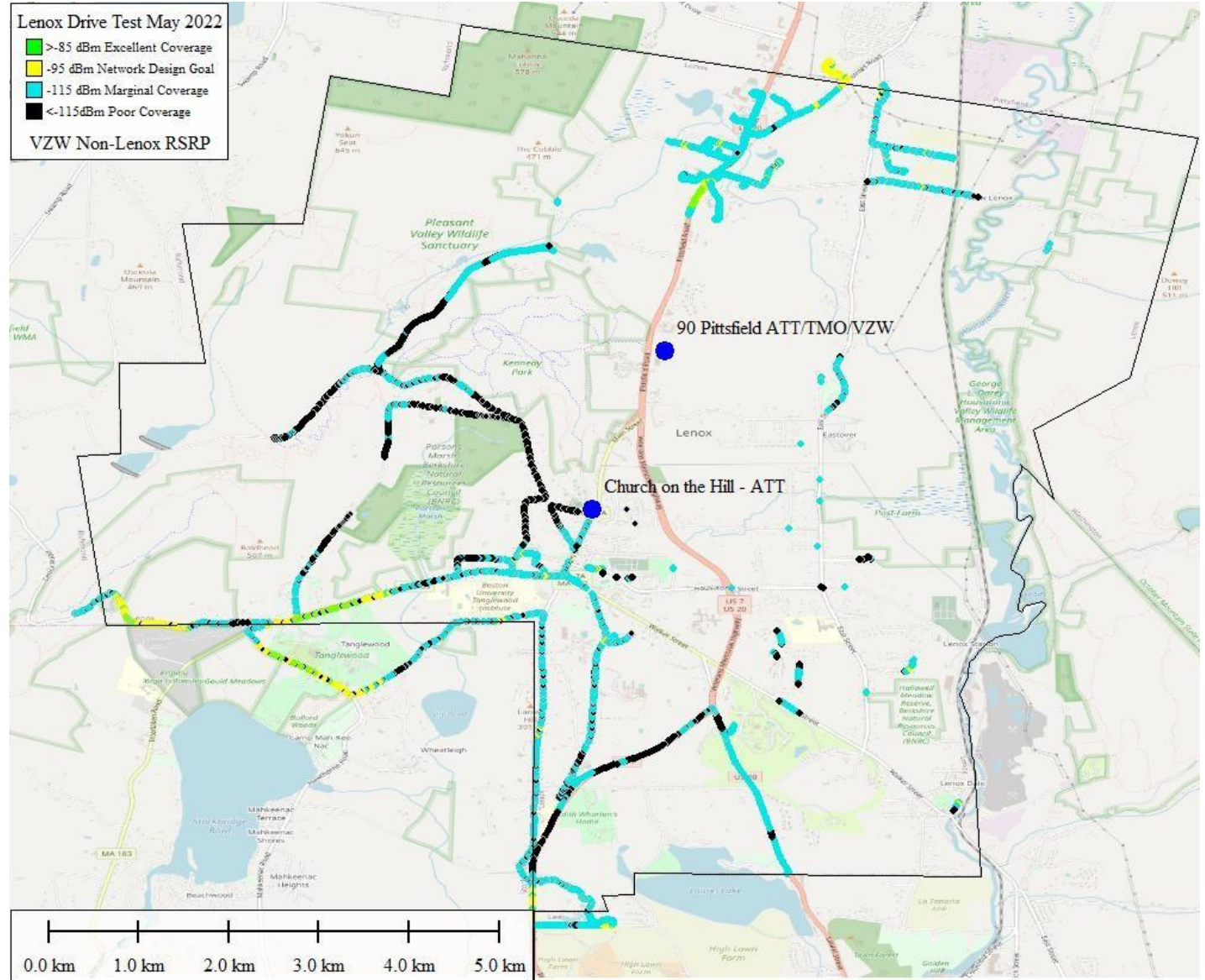
AT&T

- Coverage from outside Lenox



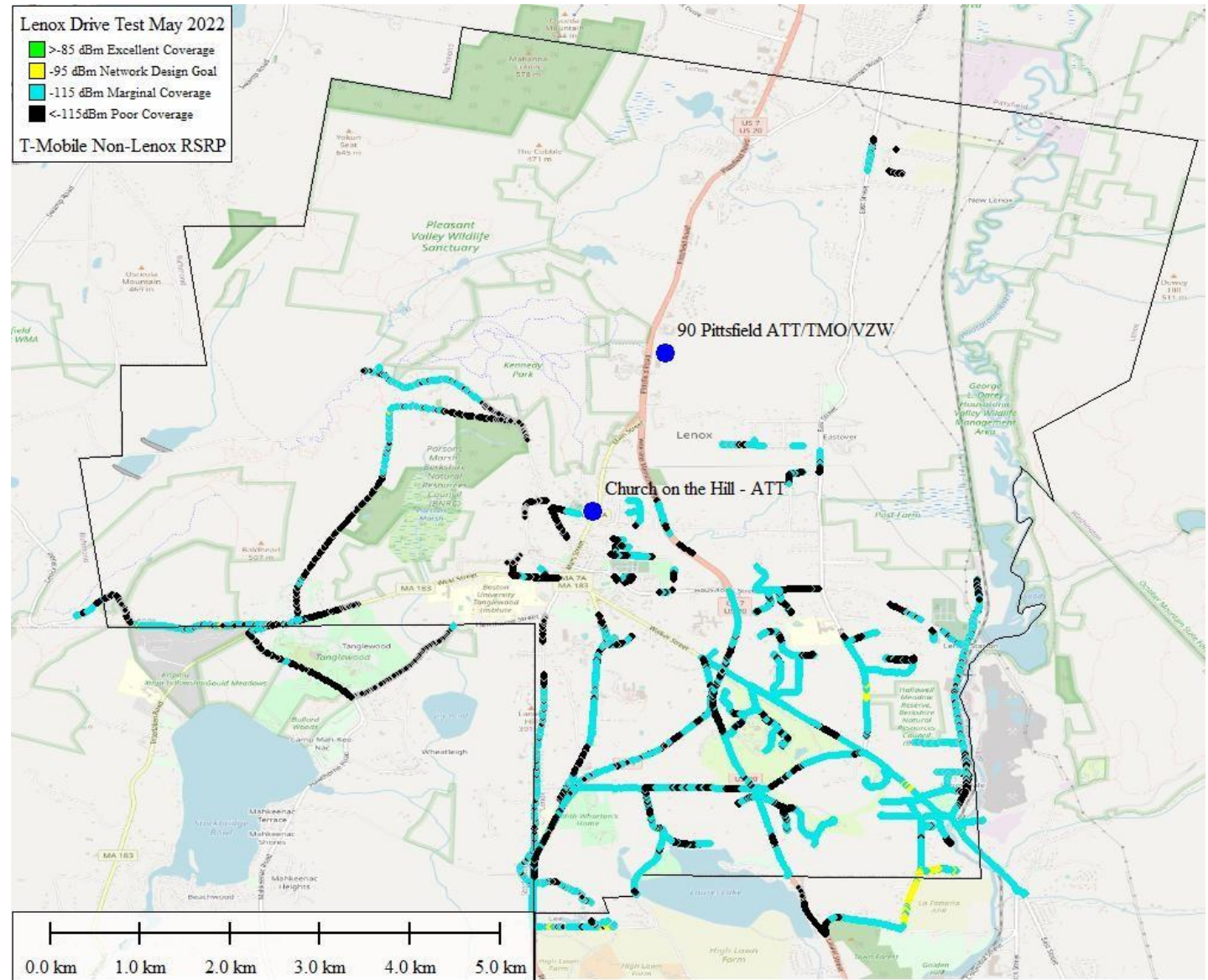
Verizon

- Coverage from outside Lenox



T-Mobile

- Coverage from outside Lenox



Common Techniques



Require use of existing
structures when possible

Rooftops, cupolas, spires,
chimneys, utilities, etc



Site towers in industrial areas, when
practicable



Site towers on targeted
areas

Such as large wooded parcels
or town property

Engineer overlay districts for
success, not random
placement



Give the permit
authority the flexibility
to decide on the merits

Avoid restrictive and punitive
controls that beg for variances

Dimensions

- Property line setbacks related to tower height
 - At least in residential areas
 - Provides physical isolation and increases potential screening to neighbors
 - Can unreasonably restrict placements such as the remote rear edge of a lot
- Property line setbacks of giant dimensions
 - Not an effective control of visibility
 - Automatically excludes potential locations with good visual screening
 - Invites variance requests and loss of control on siting

Dimensions

- Tower height
 - Natural tension between reducing height and maximizing utilization
 - Height is not always bad – depends on situation

Where to?

- Give the Board the tools to say yes to good solutions and no to poor ones
- Avoid tying the Board's hands with arbitrary and excessive limitations
- Suggest locations that can be acceptable
- Authorize Selectboard to make certain Town properties available