

Radio System Upgrade

- Problem statements
 - Current system
 - End of life 2015
 - End of support 2019
 - Poor radio reception
 - Particularly in North Windham
 - Inside buildings

Largest concern portables radios first responders wear on their person.

Kenard Drive / Walmart Radio traffic



Radio System Upgrade

- Benefits
 - Fire / EMS
 - Police
 - Public works

Radio System Upgrade

- Replaces all hardware and software at 4 current sites.
 - Current hardware obsolete
 - End of life 2015
 - End of support 2019
 - Enhances all sites to transmit and receive
 - Enables software upgrades for interoperability with other systems and agencies
- Adds new site in North Windham
 - Manchester school
 - Current North Windham Public Safety Building
 - Increases coverage where it is need most in north windham
- Upgrades remaining radios to be P25 digital capable

Simulcast System 101

Very Brief definition on how it works

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- .
- .

Freeman Hill

- PD / FD Transmit & Receive

PSB

- PD /FD Transmit & Receive
- PW Transmit & Receive

CCRCC

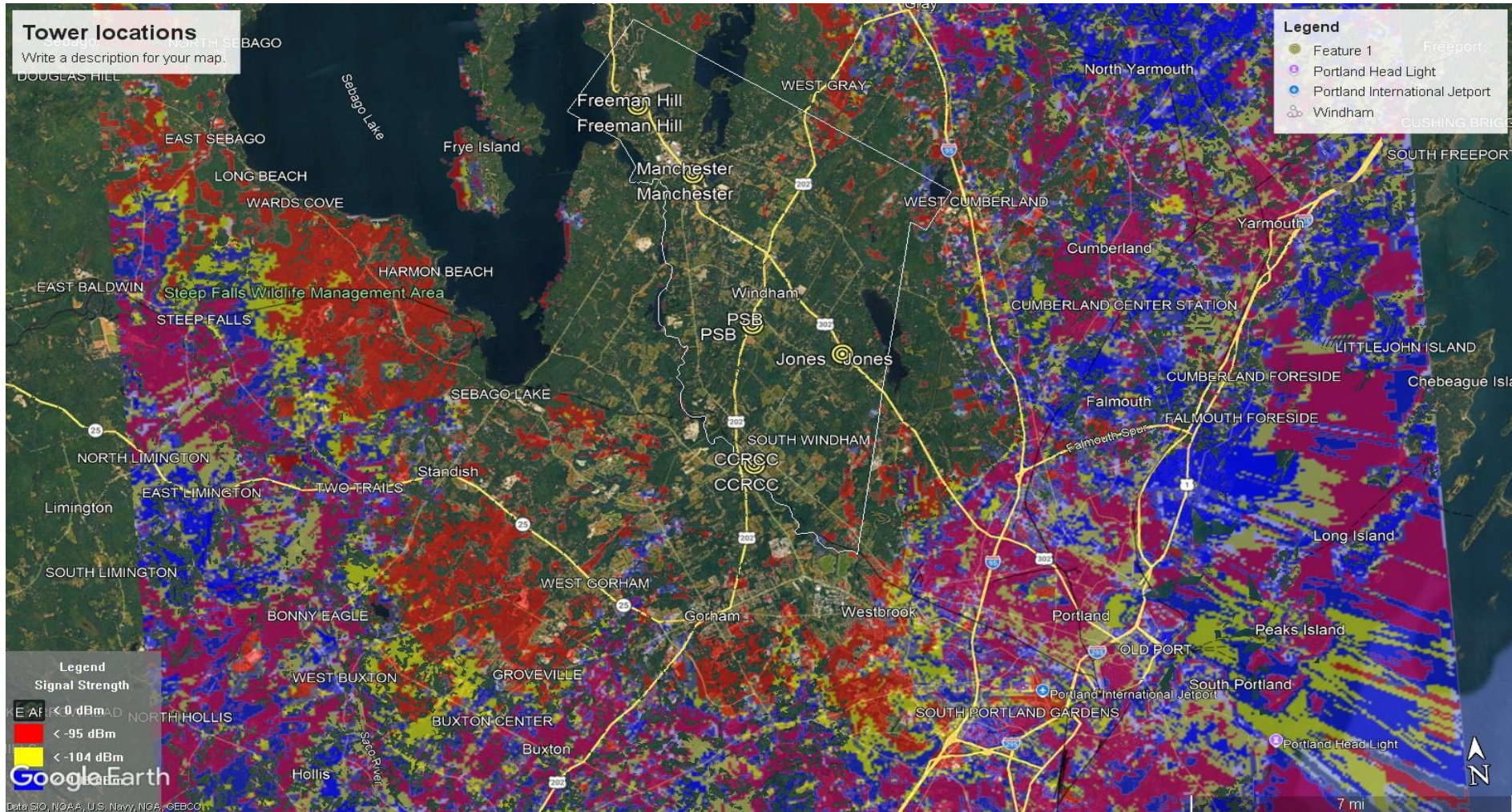
- PD/ FD Receive Only

Jones Hill

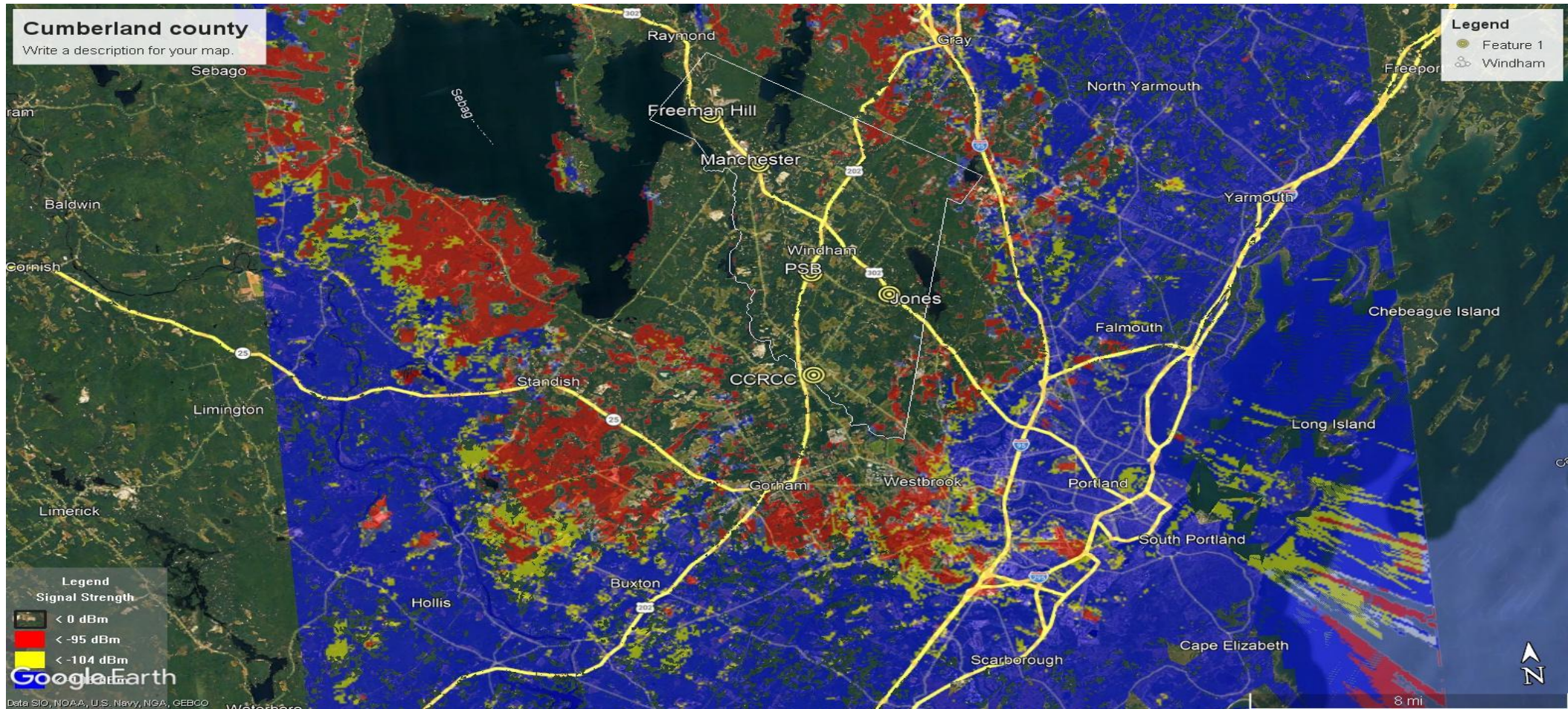
- PD/ FD Receive only



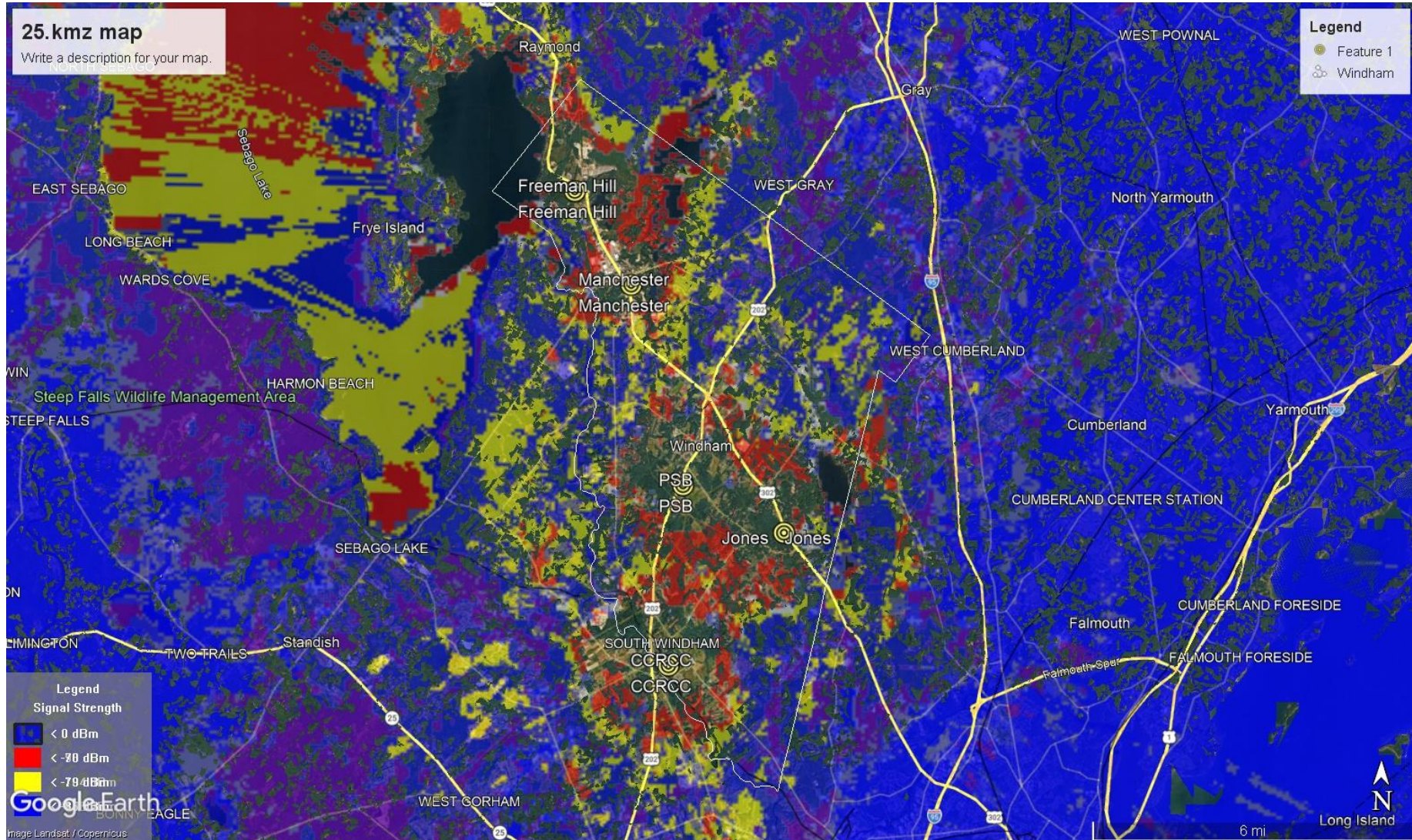
Proposed Tower Locations



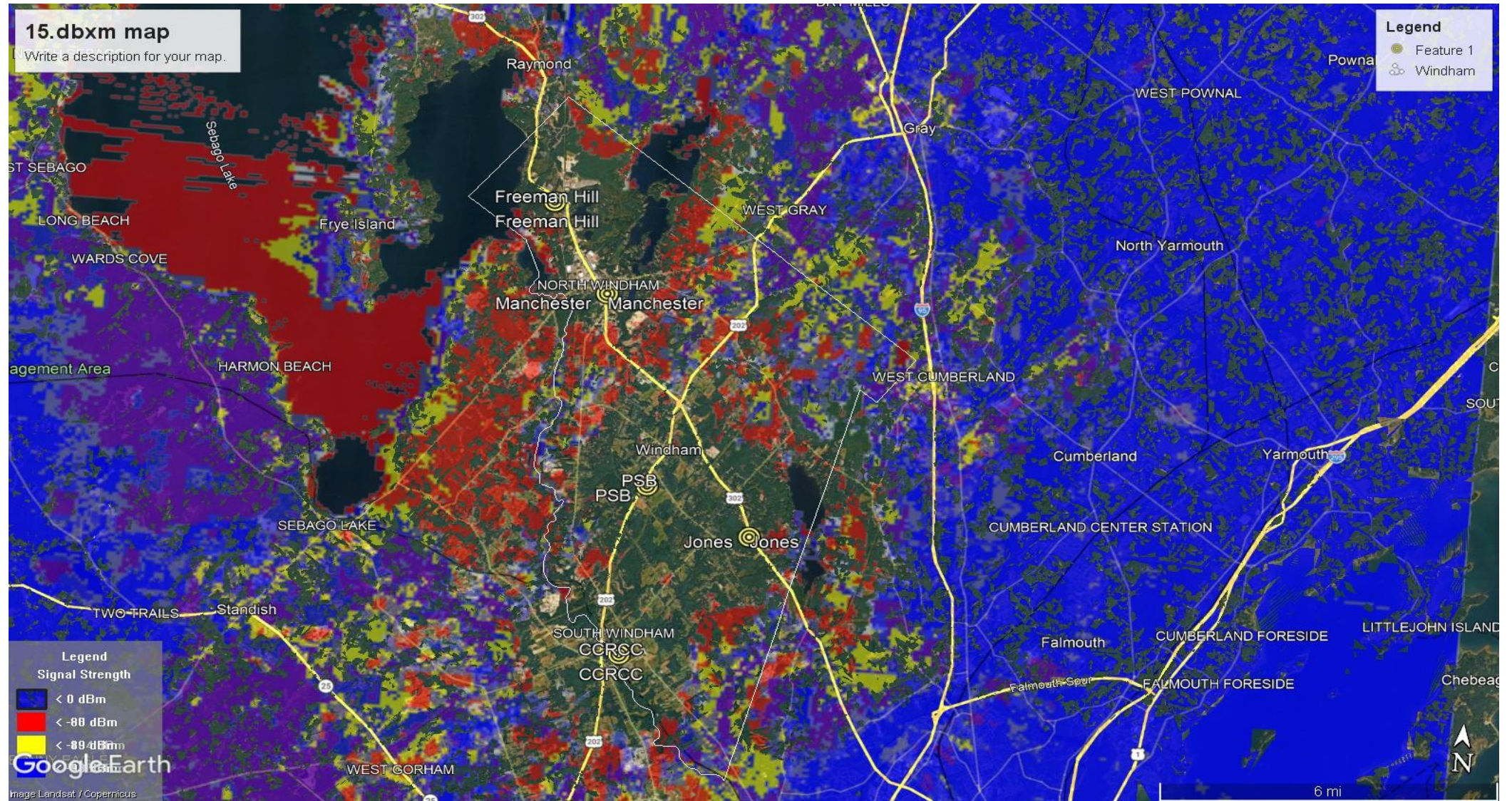
Radio Propagation County region



Portable Radio 25.kmz



Portable 15.dbxmz



Questions?