

Town of Thurman, NY

White Space Rural Broadband Project

Comparing performance of white space radio propagation to traditional solutions using microwave or 900 MHz, using Carlson Wireless RuralConnect 2 radios.

New or modified license requested to continue measurements beyond expiration of existing STA call sign WF9XRC file number 0157-EX-ST-2013; until such time as the Carlson radio equipment is FCC type certified.

Measurements

Propagation studies will provide multiple measurement results for understanding propagation effects over varying distances and terrain. Those metrics include frequency used, modulation type supported, signal strengths and noise floors.

Propagation studies must currently be performed under an FCC experimental license. Multipoint testing will be done from private structures at locations along the fiber routes. For each location, customer premises equipment will be deployed at or near potential subscribers to that location.