

NYU-Poly WiMAX Deployment Status

- ✓ Operational OMF/OML installation
 - Created several OML-ized applications and tools that may be useful to other sites
<http://witestlab.poly.edu/index.php/wirelesstestbeds/omfnettest/oml-applications.html>
 - Several more under development
- ✓ Testbed open to experimenters since GEC12
 - <http://witestlab.poly.edu>
 - Experimenter outreach with tutorial at GEC13
- ✓ Connected to I2 backbone network

WiMAX Experiments

- Many experiments under way by us and by others, including
 - Implementation of cooperative packet recovery scheme over WiFi/WiMAX (Demo at GEC13 poster session)
 - Validating channel models for urban mobile-to-mobile wireless communication based on our extensive range and throughput measurements
 - Integrating sensors, USRP2 devices into our measurement framework
 - Other research groups at NYU-Poly have used our testbed for their own projects