Measuring Broadband America

- FCC program was begun on principles of openness, transparency and partnering with diverse stakeholders
  - We remain committed to open scientific inquiry, commonly-accepted principles of scientific research, good engineering practices, and transparency
- With these principles we have achieved an unprecedented collaboration of industry, academia and government producing valuable information regarding Internet performance
- We are formalizing our policies regarding openness, transparency and collaboration

FCC Principles for Open Measurements

- Openness
  - FCC supports Open Definition principles (http://opengovernmentdata.org/)
  - We strive to include a broad cross-section of communities in the process including academic researchers, Internet service providers, technology developers and the public interest community
  - All participants sign an FCC Code of Conduct
  - Data collected is released in raw, un-aggregated form upon release of report or within one year of collection
  - We fully disclose analytic and statistical methodologies fully disclosed allowing peer review and replication of results by independent researchers

FCC Principles for Open Measurements

- Measurement Policy for FCC MBA Report
  - All measurement infrastructure supplying data used in any reports by the FCC will be operated according to principles of openness, fairness, and accepted standards of scientific research
  - Measurements for report purposes will be collected from measurement servers (servers providing data for FCC MBA program) not under control of measured ISP
  - At least one measurement server supporting open research initiatives and not affiliated with any of the entities subject to measurements is expected to be used to gather measurement data for each ISP
  - We support using data only from open research platforms supporting multiple parties, not under control of the measured entities
  - Results from all measurement servers in the MBA report will be published in accordance with the FCC Openness policy
  - Other measurement servers may be used for the limited purpose of audit purposes
  - Decisions to discard or label data will be made in consultation with all participants in the measurement process, including members of the independent scientific research community, and will be made in accordance with commonly-accepted standards of scientific research