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

FCC Principles for Open Measurements

- FCC Policy on Open Research
  - The FCC supports open research and may permit use of its measurement infrastructure for purposes beyond its MBA report. Such uses will be openly disclosed and discussed in good faith and any results will be bound by the FCC Openness Policy.
- Measurement Servers
  - We encourage validation and cross-checking of measurement results and practices.
  - Multiple entities may provide components of the measurement infrastructure
  - Each measurement server must meet a minimum server specification
  - Each measurement server must meet a minimum network connectivity specification

FCC Principles for Open Measurements

- Measurement Architecture
  - Measurement infrastructure documented in terms of technology, topology, operation and management and operated according to current best practices in network and system management
  - Measurements servers used as part of architecture will be described
    - Location, administrative entity, associated Internet connection, etc.

- Administration of Measurement Servers for Report Program
  - Measurement servers should be operated in accordance with current industry best practice
  - Measurement servers should publish an activity log describing in a timely fashion:
    - Maintenance activities, trouble reports, outages, their resolution and other relevant information
  - Measurement server operators should establish points of contact for trouble reports and describe reporting process
  - Raw measurement data will be made available to measurement server operators under a standard NDA to support measurement server infrastructure analysis
  - Measurement server operators will be bound by FCC policies on disclosure of such data
  - All data gathered by measurement servers will be subject to FCC Openness policy