

## AT&T CORP.

### **Response to Item 7**

This application requests the grant of a new experimental authorization to enable AT&T Corp. (AT&T) to engage in experiments to test new and developing technologies and enhancements to existing technologies and services. Depending on the experiment in question, the tests will be conducted at one location, using resources from that location in New Jersey.

Specific components of the testing are expected to include procedures to:

- 1) Evaluate the performance of cellular/802.11 systems for configured services in line-of-sight and non-line-of-sight environments and seamless mobility.
- 2) Correlate the actual performance of various systems with predictive software-based algorithms.
- 3) Assess the effectiveness of various technologies and designs in providing high speed data, Internet access, and voice services to typical customer locations.
- 4) Evaluate the installation, provisioning, monitoring, and maintenance of systems tested.

AT&T is constantly engaged in the process of developing and testing the suitability of technologies for new services to ensure that innovative and competitive services can be commercially deployed at the earliest time. In order to enable AT&T to engage in the experimental testing required to bring new and innovative services to the public, AT&T submits that grant of this application would serve the public interest, convenience, and necessity.