

City of Seattle Trial

Scope of Trial: To jointly set-up, operate, and test a multi-sector and multi-cell multi base station deployment using the ADAPTIX current OFDMA/TDD system. The operating frequencies for this trial are 1785-1805 Mhz. The city of Seattle will test both fixed and mobile applications with various city organizations including the police and fire departments.

Purpose: For the City of Seattle, the purpose is to evaluate Adaptix OFDMA/TDD wireless services, equipment in real time/world situations (including but not limited to evaluations that would determine placement, coverage, penetration, application(s) including motion, video, other wireless services) in conjunction with current and near term City of Seattle wireless networking initiatives. The primary users of the system will be Seattle police and fire departments and will be testing applications such as two way video. For ADAPTIX, the purpose is to understand the performance characteristics in a multi-cell environment. Significant testing will be done to measure system coverage in an urban setting, in building penetration, cell interference, and system throughput.

Term of the Trial: The trial will last until 12/31/2005 at the 1.8GHz frequencies. After the initial trial, the city wishes to also test the system at 700 Mhz and is applying for an experimental license in that band. At such time that this is granted, ADAPTIX would deploy the 700 MHz equipment with the city once the development of that product is completed. The projected release date for a 700 MHz is end of March 2006.

Deployment Specifics: The trial network will include 5 building locations in downtown Seattle. The buildings in this network are defined below:

Building Name	Sector of Omni	# of Sectors
Fire Station 2	Sector	2
Fire Station 25	Sector	1
Seattle Center	Omni	
Key Tower	Sector	2
ADAPTIX Building	Sector	3