

Area of Operation

The proposed experimentation will involve both indoor and outdoor testing within five kilometers of the following coordinates:

40-46-15 N Latitude, 73-25-00 W Longitude (NAD 27)

The particular area in question consists of commercial office parks and surrounding major roadways in Melville, NY. At least two, but no more than 10 base stations, and a maximum of 100 mobiles will be used in a combination of indoor and/or outdoor experimentation to test the theoretical capacity of each base station, as well as cell overlap.

The majority of testing will be confined indoors in InterDigital's laboratory environment located at Huntington Quadrangle, Melville, Suffolk County, NY. The base station and UE product antennae used in the indoor testing will be omni-directional and mounted in the horizontal plane of a typical bench-top setup. There is little if any chance of detectable emissions leakage beyond the confines of the building and thus InterDigital expects no interference to be caused by the indoor operations to other radio services.

Additional testing will be held outdoors within the commercial office park complex and surrounding parking lots. Base station antennae will be located on rooftops within the commercial office park. The directional antennae will be physically mounted to an existing building and will extend no more than 6 meters above the building. The UE product subscriber units will utilize omni-directional antennae and may be mobile (hand carried and/or vehicle mounted).

The mobile units will be tested throughout the area of operation, but no testing will take place in or near any residential areas. All stations will remain in the control of InterDigital's employees or agent.

A search of the FCC's database has not revealed any licenses utilizing this spectrum in InterDigital's area of interest. In any event, pursuant to Section 5.111 of the FCC's rules, InterDigital will use every precaution to avoid causing harmful interference to any stations operating in the area. In addition, InterDigital will coordinate with UTAM, Inc. for those requested frequencies that fall within the Unlicensed PCS band.