

Wireless Facilities, Inc.
4810 Eastgate Mall Road
San Diego, CA 92121



May 1, 2001

Mr. James Burtle
Chief, Frequency Liaison Branch
Office of Engineering and Technology
Federal Communications Commission
2000 M Street, N.W., MS 1300A3
Washington, D.C. 20554

C/o Mellon Bank
Three Mellon Bank Center
525 William Penn Way
27th Floor, Room 153-2713
Pittsburgh, PA 15259-0001

Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

Attention: Federal Communications Commission
Wholesale Lockbox Shift Supervisor

RE: Request for Experimental Authorization

On behalf of Wireless Facilities, Inc. ("WFI"), and pursuant to Section 5.61 of the Commission's Rules, 47 C.F.R., this request is hereby submitted to obtain experimental authorization for a period of time not to exceed two years. WFI wishes to test the use of off-the-shelf equipment in order to study the transport of data across various frequencies above 75 and 110 GHz.

Respectfully Submitted,

John F. Kirby
Wireless Facilities, Inc.
Direct Phone: (972) 814-0981