

Exhibit Supporting
Application for Experimental License

Applicant seeks a three (3) year conventional experimental license from the Federal Communications Commission (“Commission”) to conduct short-term experimental testing nationwide between 3700-3702 MHz. The experimental testing will collect Continuous Wave (“CW”) data for the purpose of a propagation modeling study in both rural and non-rural environments. Testing will involve mobile and point-to-multipoint transmissions between fixed stations across the United States allowing for an evaluation of path loss and other propagation characteristics in real-world outdoor environments.

Radio System:

Applicant will transmit and collect CW data with test equipment consisting of Berkeley Varitronics Tortoise 0047-Z CW Transmitter and Cobham OA7-3.5V/9321 omnidirectional transmit antenna. The maximum transmitter power at each test location will not exceed 100 watts effective isotropic radiated power (EIRP), 61 watts effective radiated power (ERP).

Antenna System:

The maximum gain of any antenna deployed will not exceed 7 dBi. Furthermore, the main lobe of any antenna deployed will be pointed approximately to the horizon plus or minus 2 degrees. The azimuthal orientation of the main lobe of the antenna may be arbitrary. No directional antennas will be utilized in the testing.

Spectrum:

Testing will be conducted on spectrum from 3700 MHz to 3702 MHz, transmitting a single narrow band CW channel within that range. The maximum CW channel bandwidth is 30 kHz. No digital modulation will be used.

Equipment Deployment:

The radio units and antennas will be deployed outdoors at approximately 5000 locations nationwide. Testing will be temporary in nature, such that a test at any location is expected to take approximately 5-6 hours. Antennas will be mounted on rigid masts not exceeding a height of 100 meters above the ground level on an existing monopole structure or on building rooftops no more than 2 meters above the roof. Applicant will comply with all applicable rules of the Federal Aviation Administration and the Commission pertaining to air safety and with Commission National Environmental Policy Act and National Historic Preservation Act regulations.

Incumbents:

Applicant does not expect testing to impact incumbent space stations, earth stations, or fixed microwave users. Short-duration testing on a narrowband CW channel is not expected to generate any interference to existing spectrum licensees. Also, testing will be conducted at the frequencies below the operational range of space station transmission equipment, which begins at 3702 MHz. Prior to testing, Applicants will give notice to licensees operating within 55 kilometers of the test locations within or adjacent to 3700-3702 MHz. Applicant also provides the following stop-buzzer contact:

Stop-Buzzer Contact:

Burak Berksoy
Director of Mobile Access Service
Netscout Systems, Inc.
510-809-2350 (o)
510-356-7231 (m)
burak.berksoy@netscout.com

Test Sites:

In addition to the operational parameters provided above, each test location will operate during testing at the maximum parameters set forth in the following table:

Mean/Peak	Frequency Tolerance	Emission Designator	Modulating Signal
Peak	0.001 %	30K0N0N	Non-Modulated