

EXHIBIT 1**PURPOSE OF APPLICATION**

By this application, AirNet seeks renewal of its authorization to test the adaptive performance of AirNet's software defined base stations equipped with the AirNet Adaptive Array in an urban multi-path environment. The authorization is assigned call sign WD2XQO, and expires September 1, 2005. By this application, AirNet seeks the renewal of the authorization for a 180-day period, ending February 27, 2006.

AirNet plans to continue the tests authorized under the present authorization, without change. The tests conducted to date have been useful and informative, but have pointed to the need for further tests. These tests should promote the development of radio products and, thus, are in the public interest.

The renewed authorization should list the frequencies as follows:

<i>Frequency</i>	<i>Station Class</i>	<i>Emission Designator</i>	<i>Authorized Power</i>	<i>Freq Toler.</i>
1895-1910 MHz	MO	300KGXW	10 W (ERP)	2.0E-6%
1975-1990 MHz	FX	300KGXW	500 W (ERP)	2.0E-6%

AirNet recognizes that the authority requested by this application will allow only secondary operations. AirNet has selected the C-Block PCS frequencies in Orlando for this test because they are not used at present. In the event that these frequencies are used, AirNet will coordinate these operations with those cochannel licensees affected by proposed experimentation in the area of operations before conducting such experimentation, as required.

The scope of service of this experimental license is not for export purposes, but rather for developmental purposes only.

No such experimentation will involve any new antennas above the height threshold required for FAA coordination or, if any such operation is contemplated, appropriate clearance will be obtained.

These operations will be temporary and itinerant, and will involve no construction that changes land features or involves sensitive areas. Accordingly, no environmental assessment is required for the operations proposed in this application.