

EXHIBIT 1**PURPOSE OF APPLICATION**

By this application, AirNet seeks 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. These tests will involve a single base station and up to two off-the-shelf mobile handsets. To conduct these tests, two traffic timeslots on a single carrier will be enabled on the base station on an unused channel in the PCS C-Block. A beacon channel will be enabled on another frequency (same block). The site will be "cell bar reversed" such that only AirNet test mobiles will access the system. With the AirNet Adaptive Array located on top of the parking garage, the two mobiles will have a call established between them and then will be driven about the area in a test vehicle to gauge the adaptive performance in an urban multi-path environment.

The authorization should list the frequencies as follows:

Frequency	Station Class	Emission Designator	Authorized Power
1895-1910 MHz	MO	300KGXW	10 W (ERP)
1975-1990 MHz	FX	300KGXW	500 W (ERP)

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.