

EXHIBIT 1

PURPOSE OF MODIFICATION APPLICATION

By this application, Airnet seeks modification of its authorization for experimental station WA2XSN to (1) delete the existing base station antenna site, (2) add a base station antenna site and (3) add 100 watt mobile operations (including itinerant and occasional operations at fixed points) in the 1842-1850 MHz base station band within a 15 kilometer radius of the new base station site (item 2).

The authorization should list the frequencies as follows:

Frequency	Station Class	Emission Designator	Authorized Power
1747-1755 MHz	MO	300KGXW	2 W (ERP)
1842-1850 MHz	FX	300KGXW	100 W (ERP)
1842-1850 MHz	MO	300KGXW	100 W (ERP)

Airnet manufactures and sells base station radios that are “software defined.” The additional authority requested by this application will allow Airnet to drive test these radios, thereby developing information on their handoff performance as multipath, scattering and terrain changes.

Airnet recognizes that this additional authority will allow only secondary operations and Airnet will coordinate these operations with those cochannel licensees affected by proposed experimentation in the area of operations before conducting such experimentation, as required.

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.