

EXHIBIT 1

PURPOSE OF MODIFICATION APPLICATION

By this application, Airnet seeks modification of its authorization for experimental station KM2XOQ to add a base station site and to add 100 watt mobile operations (including itinerant and occasional operations at fixed points) in the 935-960 MHz band within a 15 mile radius of a facility operated by Airnet.

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 handover 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 890-915 / 935-960 MHz 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.

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