

SYSTEM AND METHOD FOR ACCELERATING NETWORK SELECTION
BY A WIRELESS USER EQUIPMENT (UE) DEVICE USING SATELLITE-
BASED POSITIONING SYSTEM

ABSTRACT OF THE DISCLOSURE

A system and method for accelerating network selection by a wireless user equipment (UE) device (102) without having to perform a full band scan (FBS). In one exemplary embodiment, the wireless UE device (102) is operable to determine its location using a satellite-based positioning system such as GPS. Based on determining (1004) that the wireless UE device is in a particular area defined by a set of corners, a subset of appropriate frequency data is determined for selective scanning (1006) by the wireless UE device (102). Using the subset of appropriate frequency data, a selective scanning (1006) is performed for locating a network by the wireless UE device (102).

FIG. 2