

ABSTRACT OF THE DISCLOSURE

A cross-technology coverage mapping system and method for modulating scanning behavior of a wireless user equipment (UE) device (600) in a radio network environment (100). In one exemplary embodiment, the wireless UE device (600) is operable to determine its geographic area location. A logic module (648) of the wireless UE device (600) is adapted for interrogating a database (200, 300A, 300B, 412) to determine which radio access technologies (RATs) have coverage in the geographic area location. Responsive to the interrogation, scanning by the wireless UE device (600) is restricted to only those RATs that have coverage in the particular geographic area.

