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(54) Title: MEASUREMENT REPORTING OF NEIGHBOR CELLS

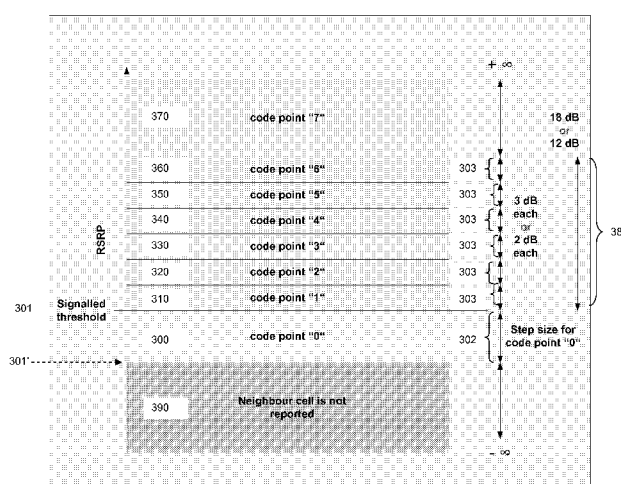


Fig. 3

(57) Abstract: At a user equipment, individual ones of a set of measurements of neighbor cells are associated with individual code points which are relative to a threshold (301) and define a step size (303) that is dynamically determined from a set of possible step sizes. The code points to which the measurements are associated are compiled into a measurement report which is sent to a network. At the network, the code point step size (303) is sent to the user equipment which sends the measurement report to the network. The step size is thus dynamically determined from a set of possible step sizes. The network selects, based on the received measurement report, one of the neighbor cells for handover of the user equipment. In an embodiment, the threshold (301) is determined from an offset value sent by the network to the user equipment. Methods, apparatus, and stored computer programs are described for both user equipment and network side embodiments.