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(54) Title: LAYER 1 MEASUREMENTS DELIVERY TO CANDIDATE/TARGET gNODEB-DU DURING LAYER (L1/L2) TRIGGERED MOBILITY (LTM)

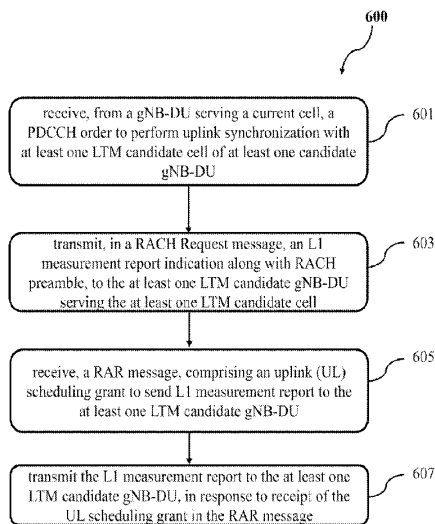


Figure 6

(57) Abstract: The present disclosure describes techniques for delivery of layer 1 measurements to target gNodeB-DU during layer (L1/L2) triggered mobility (LTM). In one aspect, a method comprises receiving a Physical Downlink Control Channel (PDCCH) order to perform uplink synchronization with at least one LTM candidate cell of at least one candidate gNB-DU. The method further comprises transmitting, in a Random Access Channel (RACH) Request message, an indication to send L1 measurement report along with RACH preamble, to the at least one LTM candidate gNB-DU serving the at least one LTM candidate cell. The method finally comprises receiving, a Random Access Response (RAR) message along with an uplink (UL) scheduling grant to send L1 measurement report to the at least one LTM candidate gNB-DU and transmitting the L1 measurement report to the at least one LTM candidate gNB-DU, in response to receipt of the UL scheduling grant in the RAR message.

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