

COMMUNICATION METHOD AND COMMUNICATION APPARATUS

ABSTRACT

This application provides a communication method, applied to a terminal device. The communication method includes: receiving, from a network device, measurement configuration information including an event trigger condition; measuring, by a physical PHY layer, a to-be-measured reference signal, determining that the event trigger condition is met, and sending first indication information to a media access control MAC layer; and sending, by the MAC layer, a measurement result to the network device based on the first indication information via MAC layer signaling. In this application, the PHY layer may measure the to-be-measured reference signal to determine the measurement result. The MAC layer may send the measurement result via the MAC layer signaling (for example, a MAC CE), so that the network device can perform, based on the measurement result, scheduling policy update or mobility management like cell handover or beam switching. According to the method, uplink resource occupation of the terminal device can be reduced while prompt reporting of the measurement result is provided.

FIG. 5