

ABSTRACT

A downlink data receiving method and device, and a downlink data transmitting method and device are provided. The downlink data receiving method includes that a terminal determines control resource set (CORESET) configuration information, where the CORESET configuration information includes identification information of an antenna panel using a CORESET for physical downlink control channel (PDCCH) transmission. Further, the terminal receives a first DCI carried on a first PDCCH sent by a base station through a first antenna panel. Moreover, in response to determining that the terminal cannot determine a target receiving beam for receiving downlink data according to the first DCI, the terminal determines a default receiving beam, where the default receiving beam is the receiving beam used by the terminal for receiving a second PDCCH through the first antenna panel. Furthermore, the terminal receives the downlink data by using the default receiving beam.

FIG. 2