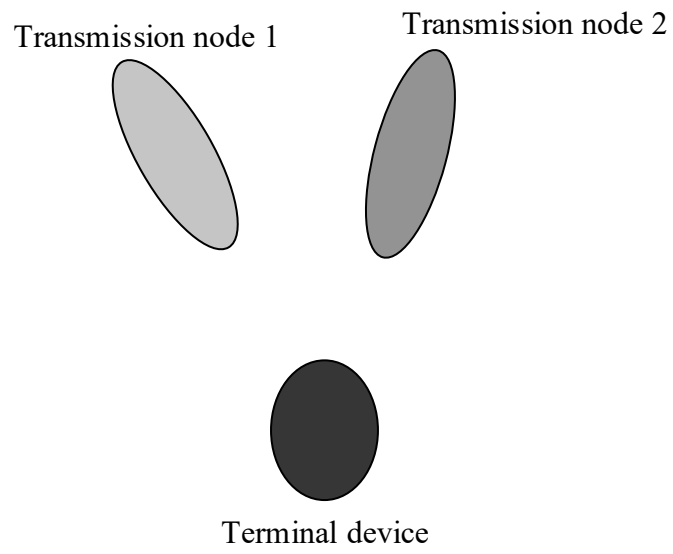
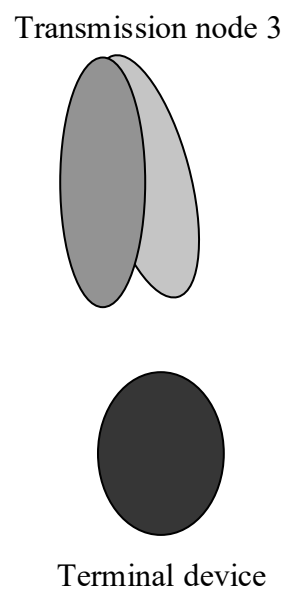




**FIG. 1**



**FIG. 2**

100

A terminal device determines a mode for reporting measurement results for a plurality of reference signals

110



The terminal device reports, according to the determined mode and the measurement results, each of a plurality pieces of reporting information, corresponding to a respective one of the plurality of reference signals, including an RI, wherein the mode determined by the terminal device is a first mode or a second mode; in the first mode, a value of the RI in the each of the plurality pieces of reporting information is less than or equal to a first predetermined value; and in the second mode, a value of a sum of values of the RIs in the plurality pieces of reporting information is less than or equal to a second predetermined value

120

**FIG. 3**

200

A first transmission node receives reporting information sent by a terminal device, the reporting information, corresponding to a reference signal sent by the first transmission node, including an RI

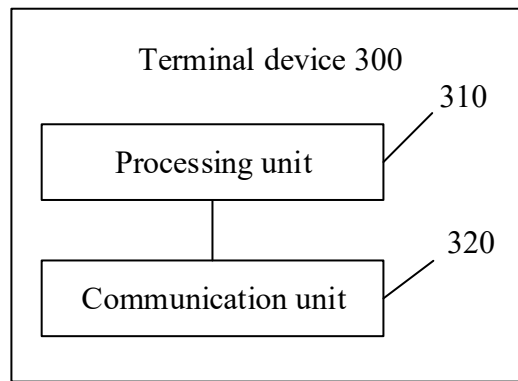
210



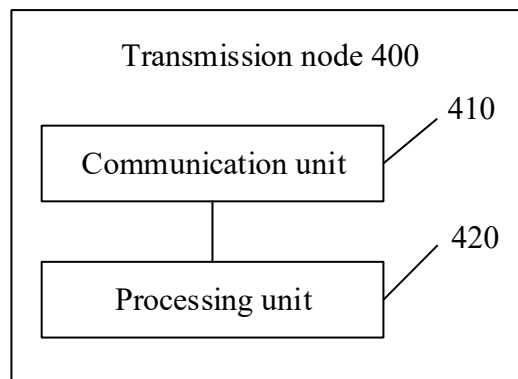
The first transmission node determines, according to the reporting information, a number of transmission layers through a downlink signal is sent to the terminal device

220

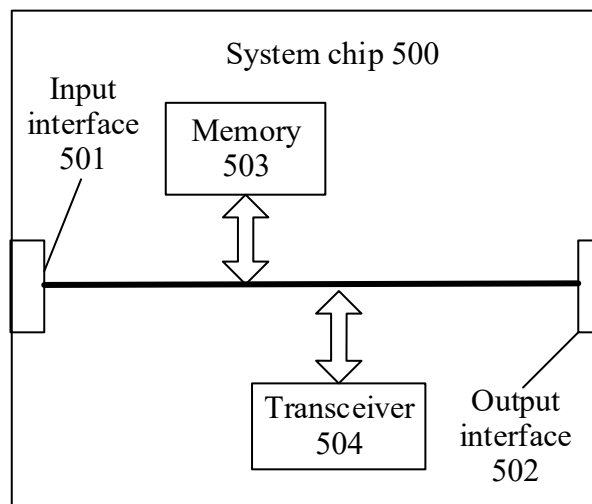
**FIG. 4**



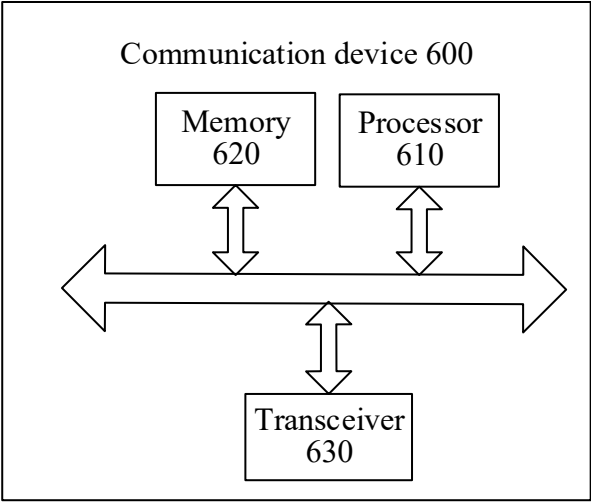
**FIG. 5**



**FIG. 6**



**FIG. 7**



**FIG. 8**