Abstract

A method for determining an uplink MIMO transmission codeword. The method includes: determining at least one of a candidate codeword of 4 transmit antenna ports (Tx) for uplink MIMO transmission or a candidate codeword of 2 Tx for uplink MIMO transmission, in which the candidate codeword comprises at least one of a first candidate codeword for antenna full coherence transmission, a second candidate codeword for antenna partial coherence transmission, or a third candidate codeword for antenna non-coherence transmission; and determining, based on the candidate codeword, a first codeword for the antenna partial coherence transmission of 8 Tx L-layer for the uplink MIMO transmission, where L is less than or equal to 8.

Fig. 2