

ABSTRACT

This application provides an uplink transmission method and a communication apparatus. In the method, a terminal device may determine, based on an RRC parameter and/or indication signaling from a network side, according to a predefined selection policy, based on a combination
5 of supported carriers that may be for parallel sending, in a predefined manner, or based on one or a combination of any two or more of these implementations in a plurality of possible radio frequency chain state supporting current uplink transmission, a radio frequency chain state that is during the current uplink transmission. This can resolve a problem that the terminal device cannot determine the radio frequency chain state that is during the current uplink transmission because a
10 plurality of radio frequency chain states supporting the current uplink transmission exist when the network side implicitly indicates the terminal device to perform radio frequency chain switching by indicating a quantity of antenna ports to be used by the terminal device to perform uplink transmission on a carrier, to support a scenario in which the terminal device is configured by the network side to perform radio frequency chain switching on carriers on at least two frequency
15 bands.