

ABSTRACT

The present application relates to the field of mobile communications. Disclosed are an uplink MIMO transmission capability reporting method and apparatus, an uplink MIMO transmission capability receiving method and apparatus, and a device and a storage medium. The method comprises: a terminal sending first signaling and second signaling to a network device, the first signaling being used for indicating a first uplink MIMO transmission capability supported by the terminal, and the second signaling being used for indicating a second uplink MIMO transmission capability supported by the terminal, wherein the first uplink MIMO transmission capability is not lower than the second uplink MIMO transmission capability, that is, the terminal supports a greater uplink MIMO transmission capability, and a greater MIMO transmission capability may also be reported by means of the first signaling, so as to support the terminal to report a greater uplink MIMO transmission capability. The method is used for matching an actual system uplink transmission capability for supporting a network to schedule the higher number of data layers, thereby realizing a higher uplink transmission rate.

FIG. 2