ABSTRACT

Provided are an uplink signal transmission method and device. The method comprises: a network device determining a physical resource used, in a time domain scheduling unit, for transmitting an uplink control signal; and the network device receiving the uplink control signal on the physical resource used for transmitting an uplink control signal, wherein the uplink control signal is transmitted by using a cyclic prefix-orthogonal frequency division multiplexing (CP-OFDM) waveform. In the embodiments of the present invention, an uplink control signal is transmitted by using a CP-OFDM waveform, and by using multi-carrier transmission characteristics, the uplink control signal may be configured with continuous or discontinuous physical resources in a frequency domain, so that the problem, in the prior art, where an uplink control signal must be mapped to continuous physical resources in a frequency domain when using a single carrier to perform uplink transmission on the uplink control signal is prevented, thereby improving the flexibility of configuring a physical resource for an uplink control signal.

FIG. 2