

ABSTRACT

TERMINAL, BASE STATION, AND COMMUNICATION METHOD

In a terminal (200), a Pre-IFFT unit (204) generates a signal waveform for multicarrier transmission (OFDM) or single carrier transmission (DFT-s-OFDM) in uplink. A transmitter (208) transmits a signal with the generated signal waveform using a resource block (PRB) allocated to the terminal (200). In this process, a restriction is imposed on the number of resource blocks for which the Pre-IFFT unit (204) is allowed to generate the signal waveform for the single carrier transmission. Thus, it is possible to efficiently switch between OFDM and DFT-s-OFDM in the signal waveform generation.

[FIG. 5]