

ABSTRACT

BASE STATION, USER DEVICE, TRANSMISSION METHOD,
AND RECEPTION METHOD

5

A base station includes a scheduler
determining allocation of radio resources for each
subframe; a control channel generating unit generating a
control channel including common control information
10 mapped across a system frequency band and specific
control information mapped to one or more resource
blocks allocated to a selected user device; and a
transmission signal generating unit generating a
transmission signal by time-division-multiplexing the
15 common control information and the specific control
information. The common control information is
transmitted every subframe and includes information
units with a predetermined data size, a format indicator
representing one of preset options indicating the number
20 of symbols occupied by the common control information,
and information indicating the maximum number of the
information units. The information indicating the
maximum number of the information units is transmitted
as a part of the common control information at a
25 predetermined interval longer than or equal to one
subframe.

FIG.4B