

A mobile station that performs wireless communication by using a plurality of wireless carriers, the mobile station includes a transmission managing unit that detects a transmission timing of ...

It is an objective of the present invention to provide a mobile station, a base station, and a mobile communication method, which can efficiently use a radio resource of an uplink, when user ...

Abstract A mobile communication data transmission method for a cell having one base station and more than one relay station involves switching the relay stations between at least two ...

Definitions the present invention relates to a mobile station and a base station which communicate packet data with each other in a CDMA (Code Division Multiple Access) mobile ...

<P>PROBLEM TO BE SOLVED: To provide a technology of reducing multiple access interference not only by a mobile station using the same bandwidth but also by a mobile ...

The baseband unit (BBU) is a crucial component in mobile base stations, handling tasks like signal processing, resource allocation, and protocol management to ensure efficient ...

A base station communicates with a mobile station. The base station includes a wireless communication unit and a control unit.

Base stations use antennas mounted on cell towers to send and receive radio signals to and from mobile devices within their coverage area. This communication enables ...

The mobile station maps a pilot channel comprising a CAZAC code to a signal including multiple frequency components arranged at regular intervals in a given frequency band, and transmits ...

In order to appropriately set CA, a mobile communication method according to the present invention includes the steps where: a mobile station UE notifies a radio base station eNB of a ...

A disclosed communication system includes multiple mobile stations and a base station. The mobile station maps a pilot channel comprising a CAZAC code to a signal including multiple ...

In recent years, with the rapid deployment of fifth-generation base stations, mobile communication signals are becoming more and more complex. How to identify a

Mobile base station communication method

The fifth-generation (5G) mobile communication system will require the multi-beam base station. By taking into account millimeter wave use, any antenna types such as an array, reflector and ...

Equipped with an electromagnetic wave antenna, often placed on a tall mast, the base station enables communication between mobile terminals (such as mobile phones or ...

In response to the commencement of the handover of mobile station (12) from base station (14-1) to base station (14-2), base station (14-2) determines the ANCH2 to be allocated to mobile ...

In the above model, by encouraging 5G communication base stations to engage in Demand Response (DR), the Renewable Energy Sources (RES), and 5G communication base ...

Definitions the present invention relates to radio base stations, mobile stations, and communication methods.

Equipped with an electromagnetic wave antenna, often placed on a tall mast, the base station enables communication between mobile terminals ...

Unlike base stations, which deal with direct communications between mobile devices and towers, Mobile Switching Centers (MSCs) ...

A design technique for mobile base-station antennas is presented. Beam tilting to avoid intersymbol interference is considered, and the orthogonal method (OM) under ...

In the modern world, mobile phones are everywhere--connecting people, enabling businesses, and even controlling smart devices. But have ...

A base station communicates with a mobile station. The base station includes a wireless communication unit and a control unit. The wireless communication unit transmits an alert ...

Unlike base stations, which deal with direct communications between mobile devices and towers, Mobile Switching Centers (MSCs) oversee the routing of calls and data ...

Mobile communication base station is a form of radio station, which refers to a radio transceiver station that transmits information between mobile phone terminals through a ...

Embodiments discussed herein relate to a mobile station, a base station, and a wireless communication method.

A design technique for mobile base-station antennas is presented. Beam tilting to avoid intersymbol interference is considered, and the ...

Base station Mobile network A mobile network is made up of many base stations that each provide coverage in its surrounding area.

Base stations use antennas mounted on cell towers to send and receive radio signals to and from mobile devices within their coverage area. ...

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