

Base station communication recovery method

While current base station repair standards focus on rapid recovery, tomorrow's protocols will emphasize prevention through embedded IoT sensors and blockchain-maintained maintenance histories.

Abstract In this paper, the hardware implementation of the first component of SurvSec security architecture, which is the reliable network recovery from base station failure, is presented.

This work explores the factors that affect the energy storage reserve capacity of 5G base stations: communication volume of the base station, power consumption of the base station, backup ...

This terminal comprises: a control unit that executes beam failure detection using an SS/PBCH block (SSB) transmitted on demand; and a transmission unit that transmits a beam failure ...

This letter discusses the utilization of drone small cells for wireless communication recovery of FA, and proposes an integrated DS restoration strategy with communication recovery.

Disclosed is a beam failure recovery method of a base station in a wireless communication system using an RIS.

the present invention relates to a technique for relieving an area where communication is disabled due to a failure of a radio base station in a mobile communication network.

Provided in the present invention is a method for restoring gracefully degraded base station communications.

As typhoons batter coastal cities and wildfires engulf telecom infrastructure, one urgent question emerges: How can communication base station disaster recovery mechanisms keep pace with ...

The present specification provides a method and device for displaying the isolation or recovery of a base station in a wireless communication system.

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