

Title: Communication abnormality between host and base station

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The present invention belongs to the field of abnormality detection of base station intelligent operation and maintenance, and in particular to a communication base station...

In this paper, we provide a novel analysis of the outage probability of wireless paths due to a) RIS hardware failure and b) connection degradation due to obstacles, both stationary and mobile. We ...

Discover key strategies and technologies to ensure dependable operator station communication in environments prone to network disturbances.

We designed and built a defense scheme which detects and blacklists a fake base station and then, informed by the detection, avoids it through link routing for connectivity availability.

This document provides descriptions for 43 service affecting alarms that could occur in a base station. It lists the alarm name and number, provides a brief 1-2 sentence description of the alarm cause, and a ...

Backhaul Connection: The backhaul connection links the base station to the core network in the mobile communication system. It provides for the interchange of data between the base station ...

AI-based anomaly detection is a formidable ally in the fight against rogue base stations. By leveraging the power of AI, telecommunications providers can enhance network security, protect ...

A fake base station is a well-known security issue in mobile networking. The fake base station exploits the vulnerability in the broadcasting message announcing.

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