

Title (en)

MONITORING METHOD AND SYSTEM AND INTEGRATED MONITORING DEVICE FOR ANTENNA OSCILLATOR OF BASE STATION

Title (de)

ÜBERWACHUNGSVERFAHREN UND -SYSTEM SOWIE INTEGRIERTE ÜBERWACHUNGSVORRICHTUNG FÜR EINEN ANTENNENOSZILLATOR EINER BASISSTATION

Title (fr)

PROCÉDÉ ET SYSTÈME DE SURVEILLANCE ET DISPOSITIF DE SURVEILLANCE INTÉGRÉ POUR OSCILLATEUR D'ANTENNE DE STATION DE BASE

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Application

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Abstract (en)

Disclosed are a monitoring method and system and an integrated monitoring device for an antenna oscillator of a base station, which are used to monitor whether an anomaly occurs in the antenna oscillator of the base station. The monitoring method for an antenna oscillator of a base station in the present invention comprises: performing wave detection and analog-to-digital conversion on an obtained transmission signal of the antenna oscillator of the base station, to acquire a digital signal of a direct-current signal of the transmission signal; determining the amplitude of changes of the digital signal in a set time length, and when the amplitude of the changes is greater than a preset amplitude change threshold, determining that an anomaly occurs in the antenna oscillator; otherwise, determining that the antenna element is normal.

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