
Communication Green Base Station Inspection Requirements

What are the official inspection station requirements?

Official inspection station requirements. A. Official inspection stations, except private appointments, shall be open at least eight hours of each normal business day and shall be able to perform inspections 12 months throughout the year, except during illness of limited duration or normal vacation. 1.

What is a base station inspection?

The changes being experienced in weather conditions and the aging of materials may cause damage to the base station including toppling of the tower body or antenna, cable breakage, structural corrosion, etc. Timely and periodic inspections are necessary for the network operators. The typical base station inspection (BSI) services include:

Do base stations need to pass conformance tests?

Base stations need to pass conformance tests in the region where they will be installed before they can start operation in the field. For base stations the 3GPP specification TS 38.141 covers transmitter and receiver characteristics of base stations as well as receiver performance under noise and fading conditions.

Which 3GPP base station conformance testing specification is applicable?

For BS type 1C and 1H the 3GPP base station conformance testing specification TS 38.141-1 applies. TS 38.141-2 is applicable to 1H, 1O and 2O BS types. Which advantages has internal fading simulation for 3GPP receiver performance testing?

Requirements and functional architecture of base station inspection services using unmanned aerial vehicles Summary The changes being experienced in weather conditions and the aging ...

Base station (BS) performance is vital for delivering expected quality of experience to end users. To ensure this, it is important that the base station conformance criteria is met and that they ...

Abstract This document stipulates the terms and definitions of green and low-carbon services for communication base stations, the scope of classification for green and low ...

The article 35 of the Regulations stipulates that "for the establishment of large-scale wireless radio stations (stations) and ground public mobile communication BS, their ...

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