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Title: Causes of electric shock in communication base stations

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There are many factors which influence the likelihood of nuisance shocks and the extent that people will notice them. These include: Electric fields ...

Thunderstorms pose a severe threat to mobile communication base stations, which are often deployed in high-altitude, open, or exposed environments. A single lightning strike can damage critical telecom ...

Failure to properly ground communications systems can result in electric shock and/or property damage. According to insurance industry data, improper ...

RF energy (also known as electromagnetic energy), as the name implies, has two distinct components: the electric field and the magnetic field. In 1996, the Federal Communications Commission (FCC) ...

This paper provides comprehensive analysis on the lightning protection scenarios in 48 communication and broadcasting towers situated in ...

In some countries this figure can be much higher and therefore it is of utmost importance to have a reliable site protection. The damage can be related to either direct lightning strikes or coming in from ...

A direct hit of lightning or damage to GSM and base stations through electromagnetic surges can cause interruptions in communication networks and ...

Begin with a detailed description of a macro base station and recommendations for protecting the base station circuitry. Two crucial focus ...

In fact, the siting of communication base stations requires a specific analysis process, so that the causes of post-earthquake failure problems can be known, and relevant preparations can be ...

Causes of electric shock in communication base stations

All equipment and facilities of the RBS on the roof that need to be earthed should be connected to the bonding network, including the bonding bar inside the equipment room, the metal base or steel ...

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