Electromagnetic battery detection for communication base stations

---

To address this issue, we propose BatPro, a battery pro-filing framework, to precisely predict base station battery group working conditions by extracting the features that cause the working condition ...

In the communication power supply field, base station interruptions may occur due to sudden natural disasters or unstable power supplies. This ...

The authors compare linear regression, gradient boosted trees, and artificial neural networks (ANNs) to model energy consumption using field data collected from 5G radio base stations.

This paper selects several typical scenes (Open spaces, building concentration areas, user and building intensive areas) for electromagnetic radiation monitoring, and analyzes the ...

In this paper, we develop a novel scheme that utilizes orthogonal frequency division multiplexing (OFDM) pilot signals to sense the electromagnetic (EM) property of the target and thus identify the ...

In this paper, we develop a novel scheme that utilizes orthogonal frequency division multiplexing (OFDM) pilot signals in ISAC systems to sense the electromagnetic (EM) property of the target and ...

This page provides an overview of 5G measurements performed on User Equipment (UE) and Base Stations (BS) or Nodes B (NB). It details both 5G UE measurements and 5G BS measurements.

Web: https://www.echodogstraining.biz