

Communication base station inverter near-end machine

The Wireless Sensor Network (WSN) is a mission-critical network technology. These networks are applied to capture necessary information from the surroundings perfectly. ...

I. INTRODUCTION Mobile communication base station serves to transmit radio transmission and reception stations between mobile communication switching center and mobile terminal within ...

Reconfigurable intelligent surface (RIS) has gained significant momentum as a cost-effective and energy-efficient technology to enable the next generation of mobile communications. In this ...

Usually, each inverter is equipped with a GPRS/4G data collection module. Through the built-in SIM card, the collected data is uploaded to the inverter company's server through the wireless ...

Due to harsh climate conditions and the absence of on-site personnel to maintain fuel generators, the company required a reliable solution to ensure the base station's stable operation and ...

Optimize Signal Quality In 5G Private Network Base Stations With the rapid evolution of cellular communication systems, there is a growing need for higher operating frequencies and wider ...

In this article, we propose an RIS-integrated base station (BS) by deploying an RIS sufficiently close to the base station antennas (BAs), within its radiative near-field range.



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