

Title: Base station communication scenario

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We develop a prototype of a proposed mobile base station and test its operation in an outdoor environment. The experimental results ...

The issue of performance trade-offs in integrated base stations for communication and perception is complex due to the vast array of scenarios in wireless communication and ...

presents a following method: location selection and network optimization for the wireless communication network. First, it collects the experimental data set of base station locati.

We take the programmable metasurface as the core to assist a millimeter-wave base station and validate its good performance for wireless communications in a realistic ...

We develop a prototype of a proposed mobile base station and test its operation in an outdoor environment. The experimental results provide a sufficient data rate to make an ...

To address these issues, this article proposes a mathematical model for optimizing 5G base station coverage and introduces an innovative adaptive mutation genetic algorithm ...

Base Transceiver Stations (BTS) are the backbone of mobile communication systems. They enable two-way voice, data, and signaling exchange between user devices and ...

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