Emergency Fire Communication Base Station Energy Method

ASTRI has succeeded in producing a mobile base station that allows for cost-efficient, low-latency, and stable mission-critical mobile broadband communications for emergency services.

In this paper, we study energy-efficient UAV communication with a ground terminal via optimizing the UAV"s trajectory, a new design paradigm that jointly considers both the communication ...

In this study, we develop an online algorithm for UAV deployment in a partially observable environment, which aims at achieving robust backhaul connectivity of the FANET and energy saving. ...

The interface to the emergency offsite communication system is fed by the EUPS to maintain operability during SBO and LOOP conditions. The communication system design enables communication for ...

In view of the impact of changes in communication volume on the emergency power supply output of base station energy storage in distribution network fault areas, this paper introduces ...

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 independent ...

With the development of 6G, emergency communication services upgrade and the need for edge intelligence is increasing. However, today"s 6G emergency communicati.

We found this method can effectively meet the emergency communication needs, maximize the energy efficiency ratio of the air base station, qualify the user"s communication quality needs.

With the development of 5G technology, a convenient and fast emergency communication solution is needed when the local ground base station is unavailable for disaster. ...

A telecom base station in a remote location is a lifeline. It connects isolated communities, supports emergency services, and enables digital economies. When this station loses power, the impact is ...

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