

This paper focuses on the research based on millimeter wave frequency bands, proposes a millimeter wave integrated communication system with enhanced communication coverage, and ...

As global mobile data traffic surges 35% annually, communication base stations face unprecedented demands. Can traditional tower designs sustain hyper-connected smart cities while reducing carbon ...

The base station carried by the movable platform can react to changes in the network in real time, allowing more flexibility and introducing a new degree of freedom for the emergency communication ...

The communication mutual interference between multiple BSs: When multiple BSs provide communication services to the UEs in the same area, the UEs will receive multiple downlink signals ...

As Emergency Communications Centers (ECCs) transition to Next Generation 911 (NG911), maintaining operational and resilient emergency communications remains imperative. Innovative technologies ...

Access to reliable communications services is a key factor in any emergency situation. ASTRI has succeeded in producing a mobile base station that allows for cost-efficient, low-latency, and stable ...

Eliminates the need for dedicated base stations and very complex and bulky combiner system to integrate an EMS BDA with the FDNY ARCS traditional repeaters, which combiners are not built to ...

What are the top EMS technology trends for 2025? In this article, we explore the top EMS technology trends for 2025, including AI-driven dispatch systems, FirstNet advancements, next-gen radio ...

An emergency communication system is necessary for first responders, who need to enter areas with no network coverage or damaged network infrastructure due to n

Discover the top EMS & public safety technology trends for 2025, from AI dispatch systems to FirstNet innovations. Learn how these advancements are shaping the future of ...

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