Inter-base station communication method

mutual interference model of multiple ISAC base stations, which consists of communication and radar sensing related interference. Moreover, we propose a joint optimization ...

As one of the deployment methods of ISAC, cooperative ISAC (CoISAC) which makes full use of the information from each different base station (BS) becomes a hot research direction in the ...

To mitigate the overlapping of the radar and communication frequency bands caused by large-scale devices access, we propose a novel integrated sensing and communication (ISAC) ...

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 ...

Abstract: The inter-base station (BS) synchronization error poses a serious challenge to high-precision 5G localization. This letter proposes a joint positioning and synchronization method in ...

In this paper, we propose an inter-base station (BS) cooperative scheduling method among terminals in multiple service channels that maximizes the system throug

According to the embodiment of the invention, decrease of time delay of switching between cells of the same base station by the UE is realized and the switching performance is improved.

To address this problem, this paper proposes an inter-BS synchronization scheme based on the reference path calibration. Specifically, based on the actual distance and velocity of the ...

Abstract: Driven by the intelligent applications of sixthgeneration (6G) mobile communication systems such as smart city and autonomous driving, which connect the physical and ...

The present invention solves the problem in the related art of how base stations can collaborate under different inter-base station interface conditions, thus increasing inter-base station collaboration.

Web: https://kgangkgologrp.co.za