

# Can two adjacent base stations communicate directly

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By using new paradigm, i.e., without or limited controlling and signaling information from the base station (BS), two users can communicate in instant and direct ways with each other (when in ...

Base stations use antennas mounted on cell towers to send and receive radio signals to and from mobile devices within their coverage area. This communication enables ...

Unlike base stations, which deal with direct communications between mobile devices and towers, Mobile Switching Centers (MSCs) ...

Line of sight refers to the unobstructed path between two base stations, allowing for direct communication and transmission of signals. This direct path ensures a strong and ...

In this paper, we establish a mutual interference model for adjacent ISAC base stations that can communicate with cellular users and detects radar targets simultaneously.

Starting with 4G LTE Advanced, and continuing with 5G, standards have been developed to allow devices to communicate with ...

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