

Title: Cross-base station communication

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conducted to evaluate the communication performance of our proposed solution for MA-aided multiuser communication systems. It is shown that the roposed scheme not only increases the channel power ...

It is most commonly used to extend the range of a handheld radio with a vehicle or base station that supports crossband repeat. There are consequences to the use and misuse of this feature. It's worth ...

TT& C Tracking, Telemetry and Control Satellite Ground station The communications architecture consists of satellites and ground stations interconnected with communications links. (Adapted from ...

In this study, a 5G sub-6 GHz base station antenna array, is proposed and tested. The array offers dual-band, high gain, beam steering ...

Milstar was designed to perform all communication processing and network routing onboard, thus eliminating the need for vulnerable land-based relay stations and ...

ISAC integrates sensing and spatial location of passive (not connected) objects into the mobile communication network, expanding the network's functionality beyond just communication. ...

Although RF systems are typically used for low-rate space communication, recent developments in FSO communications have made it a compelling alternative to RF systems, ...

This paper proposes a new base station (BS) architecture employing multiple MAs for improving the multiuser network performance. First, the uplink multiple access channel (MAC) is modeled to ...

The FCC Public Notice provides guidance to U.S. public safety licensees seeking to: (1) roam into Canada; (2) communicate from the U.S. through base station repeaters in Canada; or (3) ...

A short article describing the use of crossband repeat capabilities for emergency communications.

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