

Abstract: Ultra-short wave network communication is an important means of sea and air cooperation. In this paper, the mathematic model of ultrashort wave communication coverage is established by ...

Following a series of experiments with waves of the order of 50 centimetres length conducted between Marconi's yacht Elettra and the station at Rocca di Papa, near Rome, the most outstanding ...

Ultra-Wideband technology delivers indoor positioning accuracy of 10-30 cm--far sharper than Bluetooth, Wi-Fi RTT, or RFID can achieve. Devices exchange ultra-short radio bursts across a ...

For illustrating the potential of the proposed prototype in the application of a smart 6G base station, we take the proposed system to assist a millimeter-wave base station and validate its ...

This Article Mainly Analyzes the Working Process of the Anti-Jamming Technology of Ultra-Short Wave Radio Communication as an Entry Point, So as to Lay the Foundation for the Use of Radio ...

Micro base station are small and lightweight base stations that enhance the capacity and coverage of wireless networks. They are typically used in dense urban areas, where high user density and high ...

To many of us, listening to and communicating with small integrated-circuit-filled black boxes at VHF, UHF and SHF frequencies is taken as matter-of-fact, nothing to have a second thought about.

By analyzing the co-site capability factors of ultra-short wave radio stations and considering the signal isolation characteristics of the antenna layout, this paper completes the design ...

The potential applications of mmWave communications in the 5G network include the small cell access, the cellular access, and the wireless backhaul. We then discuss some open research issues and ...

Thus shortwave radio can be used for communication over very long distances, in contrast to radio waves of higher frequency, which travel in straight lines (line-of-sight propagation) and are generally ...



Ultra-short wave base station communication system

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