

Distance from wireless communication terminal to base station

Source: <https://www.bktrucking.pl/Fri-26-Sep-2025-33330.html>

Website: <https://www.bktrucking.pl>

Title: Distance from wireless communication terminal to base station

Generated on: 2026-05-06 02:30:43

Copyright (C) 2026 B&K BESS. All rights reserved.

Diversity techniques To improve the quality of the received signal, often two receiving antennas are used, placed at a distance equal to an odd multiple of a quarter of the corresponding wavelength. For 900 MHz, this wavelength is 33 cm. This technique, known as antenna diversity or space diversity, avoids interruption caused by path fading. The antennas can be spaced horizontally or vertically. Horizontal spacing requires more complex installation, but brings better...

Throughput vs. distance between base station (BS) and user terminal (UT) with and without calibration, and with channel state information (CSI) feedback.

The distance between the mobile communication terminal and the first mobile radio base station is determined more precisely by comparing the two distance values. The method can be...

presents a following method: location selection and network optimization for the wireless communication network. First, it collects the experimental data set of base station locati.

Website: <https://www.bktrucking.pl>

