

Statistical Tuning of Walfisch-Ikegami Model for the Untypical Environment

Author(s) - Institution(s):

Slawomir Ambroziak, GUT

Corresponding author email: sj_ambroziak@eti.pg.gda.pl

Corresponding WG group: TWGV , WG1

Abstract:

The Walfisch-Ikegami model has been investigated in terms of mobile radio systems designing in the untypical environment such as the maritime container terminal. The measurement equipment and procedures have been described as well as characteristics of investigated environment. Results of the statistical tuning in terms of path loss estimation in such environment have been analysed. The analysis has proved improvement of the path loss estimation accuracy by use of the well-tuned model.