Abstract

In this paper, the BER performance of OFDM-BPSK and -QPSK system over generalized gamma fading channel has been reported. This model is versatile enough to represent short-term fading such as Weibull, Nakagami-m, or Rayleigh as well as shadowing. The flexibility of this model is because of two fading parameters compared to only one in Nakagami-m fading model, which helps to analyze the severity of fading more deeply. Here, simulations of OFDM signals are carried with generalized gamma faded signal to understand the effect of channel fading.

Reference

- Jun Lu, Thiang Tjhung, Fumiyuki Adachi and Cheng Li Huang, “BER performance of OFDM-MDPSK system in Frequency –Selective Rician Fading with Diversity Reception,” IEEE
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Index Terms

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Key words

OFDM
Fading
distribution
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