Multiband UWB Performance Analysis for LOS and NLOS Channels

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Abstract

MB-OFDM UWB correspondence innovation utilizes orthogonal UWB pulse succession and different sub-channels with attaining dependable secondary information rate transmission and ghastly effectiveness. The framework execution is being broke down in the multipath blurring channel, utilizing S-V channel model. The spot slip rate is assessed in LOS & NLOS channels. The utilization of fixed point reproduction stage will be constructed as stated by MB-OFDM plan suggested eventually, Tom's perusing MB-OFDM collusion and the recompense plan may be in view of stage payment. The LOS and NLOS channels will be processed with effective Viterbi decoding technique proposed for communication systems. This model ensures considerable Performance in Channel receiver.

References


Index Terms

Computer Science
Signal Processing

Keywords

Convolutional encoder, MB-OFDM system, UWB, Viterbi decoder