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Abstract

The Orthogonal Frequency Division Multiplexing is one of the widely used modulation techniques in the broadband wireless technology. One of the main problems of the OFDM is the high peak-to-average power ratio of transmitting signal due to the superposition of many subcarriers. This paper presents a new proposed peak-to-average power ratio reduction technique, which Repeated frequency domain filtering and clipping over LET channel and compare with Repeated clipping and frequency domain filtering (RCF) technique. The paper highlights the performance and advantages of the proposed technique. The simulations show that the proposed technique realizes an improved PAPR and BER.

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Index Terms

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Software Engineering

Keywords

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