

Abstract Details

Title: Modified Partial Transmitting Sequence Technique in OFDM System

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Abstract: This paper proposes a technique that modifies the existing PTS technique to reduce PAPR. The proposed technique modifies the PTS technique by using a logarithm function. The final signal obtained using the PTS technique is processed by using the logarithm function. It is necessary to apply inverse of this function at the receiver end to obtain the original signal. The results after modifications, shows that the PAPR is reduced to a great extent by the proposed techniques.

Keywords: OFDM, PAPR, SLM, PTS.