



Performance Improvement of Ofdm System by PAPR Reduction

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Abstract— in this paper we propose a few approaches for peak-to-average power ratio (PAPR) reduction for a performance improvement of (OFDM) system. Although several PAPR reduction algorithms exist in the literature, they are often only effective for specific scenarios. In this paper various techniques is described for reducing the PAPR of OFDM signals like Selective mapping (SLM) and Comanding methods.

Keywords— Peak-to-average power ratio (PAPR), orthogonal frequency division multiplexing, (OFDM), Selective mapping (SLM), Comanding.