

BER and PAPR Analysis of OFDM for Various Level of Quadrature Amplitude Modulation

Manish Singh Sandeep Agrawal
Manish0162@gmail.com sandeep1006@yahoo.com

Abstract – To achieve better performance using multi carrier modulation one should make the subcarriers to be orthogonal to each other i.e. known as the Orthogonal Frequency Division Multiplexing (OFDM) technique. But the great disadvantage of the OFDM technique is its high Peak to Average Power Ratio (PAPR). This paper is based on analysis of bit error rate (BER) and peak to average power ratio (PAPR).

Keywords – Modulation, OFDM, BER, PAPR.

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