

Evaluating the quality of information systems using MIMO-OFDM technology

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Abstract: In the modern context with high demands for high-speed data transmission, this paper focuses on evaluating and analyzing the performance of communication systems based on MIMO-OFDM technology. The objective is to build a theoretical and experimental model to optimize transmission quality by studying the technical characteristics of MIMO-OFDM. The method combines both theory and practical experiments to provide an effective solution for improving wireless data traffic. The expected result is a significant contribution to enhancing the quality of data transmission services in modern applications.

Keywords: MIMO-OFDM, communication system, data transmission, optimization, practical testing