

Research on improved WiMAX technology and its application potential

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Abstract: In the context of the increasing demand for mobile data transmission, researching WiMAX technology holds great significance. This topic aims to evaluate the effectiveness of modernized WiMAX technology through improvements and propose its practical applicability. Through a combination of theoretical research and experimentation, the topic identifies ways to optimize WiMAX networks to enhance the quality of mobile data transmission services. The expected outcome is to provide an efficient and reliable communication system, contributing to the development of modern mobile telecommunications technology.

Keywords: Enhanced WiMAX, practical applications, mobile network research