

Design of mobile coverage system for VCCI Tower building

Tran Thi Thu

Abstract: This study focuses on designing and deploying an efficient mobile coverage system at the VCCI Tower building. Aiming to improve mobile service quality in the building's complex environment, the research applies signal optimization methods to address issues of connection loss risk and cross-channel interference. Using a combination of theoretical simulation and practical testing, the project not only identifies suitable technical solutions but also evaluates the comprehensive deployability of the system. The expected results will provide useful solutions for improving mobile coverage in high-rise buildings, contributing to enhancing the user experience of mobile services.

Keywords: Mobile coverage system, VCCI Tower building, Simulation and testing