

Optimal 3G network design for Viettel Thanh Hoa

Hoang Van Tuan

Abstract: Research on optimal 3G network design to improve service quality and performance of the mobile network system at Viettel Thanh Hoa. The topic focuses on analyzing current challenges of the 2G/3G network, identifying technical requirements, and implementing optimization solutions based on new 3G technology. The research methodology includes both theoretical and experimental approaches to evaluate the effectiveness of the proposal. Expected results from the topic not only improve the mobile network but also contribute significantly to the sustainable development of Viettel Thanh Hoa.

Keywords: 3G, network optimization, Viettel Thanh Hoa, mobile technology, mobile network system