

WCDMA radio network planning and simulation using Atoll software

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Abstract: This topic focuses on researching and designing WCDMA radio network planning, with the goal of optimizing network performance in a practical context. Through a combination of theoretical research and application deployment on Atoll software, the topic will propose specific solutions to improve the service quality and scalability of the WCDMA network. The expected research results will not only contribute to the field of radio network planning research but also directly support the deployment and management process of mobile network systems.

Keywords: WCDMA network planning, Atoll simulation, Network performance optimization, Radio mobility, Application research