

Abstract

In this graduation project examined the status indicators and quality of service in mobile communication networks. The characteristics of the services and standards of quality indicators according to the established standard for mobile communications network of the Republic of Kazakhstan. Using the software, the drive test measured the performance of voice services, downloading and data transmission in the city of Almaty. On the basis of the simulation model created in the GPSS World provides an analysis of indicators of quality of service in mobile communication networks. The project shows the methods to ensure and improve the quality of service. It is confirmed that the project is safe from the point of view of safety of life and the economic aspect of effective.