

**Abstract**

In this diploma the question of the organization of multimegabit range of SMDS technology in JSC «Kazakhtelekom» is considered. This network is intended for data transmission on high-speed channels of a network to users of the population of city and rural regions of RK.

The main properties of technology are given. At work pay off the centralized control system. Calculation of an assessment of accuracy is given. Besides in two final chapters activity safety issues are considered, the business plan is formed and the price of development of the project pays off.