

**Abstract**

In this thesis questions of modernizations of a network with application of WLL CDMA450 on the Kurmangazinsky region of Atyrausky area are considered.

In work the existing systems and networks of wireless subscriber access are considered. From the point of view of installation of telephones to the village CDMA systems with the combined package of services are considered.

In work questions of range of communication are investigated. Calculations of number of users in sector, energy drinks of radio lines and a zone of a radio covering are executed.

Also safety issues of activity were considered and is brought the technician – an economic justification and business – the project plan is presented.