

Annotation

In this graduation project provides for the design of a corporate network for Kazteleradio. The project involves replacing old equipment with new Rohde & Schwarz equipment. Based on the characteristics of the equipment, the capacities of the earth station and the space station along the “high” and “low” levels were calculated, and the electromagnetic compatibility of the satellite system was determined. In the department of life safety, issues of working conditions and brightness assessment were considered. To protect the public from electromagnetic fields, technical and technical measures have been identified. Safe conditions were arranged for employees. In the economic section were calculated the cost of equipment, staff salaries. The analysis of economic efficiency and liquidity of the equipment.