

Annotation

In this research project the modeling of high-speed wireless data transmission channels using simulation equipment was investigated.

There was also given the calculation of the LTE downlink speed and losses on the 5G path.

The research project shows that with the help of simulation it is possible to take into account the disadvantages of high-speed wireless channels and improve the quality of signal transmission.

The work also describes the safety measures and describes the feasibility study of the project.