

Abstract

In this thesis project, a device was developed that serves to investigate technical leakage channels. In other words, an eavesdropping device has been assembled that will help students in practice learn how to determine the basic elements of a radio transmitter, adjust, and even after finding the right frequency, conduct search operations.

In the section of life safety, the analysis of optimal working conditions was carried out, calculations of the ventilation system, as well as natural and artificial lighting, were performed.

In the economic part, the cost of purchasing the necessary elements was calculated, the possible price of the device and its profitability was calculated.