

Annotation

to bachelor work of Kravchuk of Vitaly Nikolaevich

«Application of technology of IEEE 802.16 is in corporate networks»

Diploma work is sanctified to the analysis of application of technology of IEEE 802.16 in corporate networks and design of the networks built on this technology. A theoretical review over of technology of IEEE 802.16, analysis of her protocols, is in-process brought, comparative description of technology of IEEE 802.16 is executed with alternative technologies of broadband off-wire connection, the comparative analysis of equipment of the known producers is conducted. With the use of facilities CADD was conducted design of a few examples of the use of technology of IEEE 802.16 in corporate networks.

General volume of work 70 pages from them basic part is 62 pages, 7 tables, 25 pictures, 7 bibliographic names.

Keywords: IEEE 802.16, WiMAX, off-wire technologies, corporate networks, Radio Mobile.