Abstract

In the mobile ad hoc network the energy consumed by the transmitter and receiver is more significant due to the more energy consumption in the transmitting and receiving of the data. Therefore energy consumption in the devices is needed to optimize. In this paper we analyze the Doppler shift effect on the energy consumption of the transmitter in video transmission over the mobile ad hoc network. In this work we analyze the energy consumption of the transmitter device over the MQAM modulation and vary the average velocity of the devices.

References


Index Terms

Computer Science Wireless Networks

Keywords

Mobile Ad Hoc Network MQAM Doppler Effect Energy Consumption