Abstract

In this paper the effect of interference of UMTS is analysed on WLAN. The effect is analysed by varying the speed of UMTS nodes. To analyse this effect opnet modeler 14.5 is used. The interference is analysed in terms of Video traffic received, Voice traffic received and Load. Result shows that the better performance has been achieved in the absence of UMTS nodes as compare to their presence in the network which causes interference.

References

Effect of Interference of UMTS on WLAN

15. Gagro, Ivan, Riko Luša, and Vanesa Čačković B. Sc EE. "MPEG-4 video transfer over IEEE 802.11 WLAN." (2013).

Index Terms

Computer Science Wireless
Keywords

WLAN, Mobility, Interference, UMTS.