Effect of Interference of UMTS on WLAN

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 147 -
Number 12

Year of Publication: 2016

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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


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Index Terms

Computer Science
Wireless
Keywords

WLAN, Mobility, Interference, UMTS.