Abstract

WiMAX (Worldwide Interoperability for Microwave Access) is one of the hottest broadband wireless access technologies [1]. It is a standards-based technology enabling the delivery of last mile wireless broadband access as an alternative to cable and DSL [2]. In this paper, simulative investigations have been done for the WiMAX network using different number of subscriber station. The effect of spatial variation between subscriber station and base station has also been investigated in terms of performance metrics such as throughput, delay, packet end to end delay, jitter and mean opinion score. Considering VoIP as major application, extensive results have been obtained to facilitate the network engineers in planning and design.

References

Effect of Spatial and User Variations on the Performance of VoIP over WiMAX Network

- Priyanka, Malhotra J. 2012, "A Survey on PHY and MAC layer issues of future WiMAX networks"; in the proceedings of UGC sponsored national seminar on Wireless Communication Networks

Index Terms

Keywords

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