Abstract Details

Title: Performance Evaluation of Voice over WIMAX and UMTS

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Abstract: Voice over Internet Protocol (VoIP) has been an interesting topic of research in the last decade. The engrossing increase in the use of VoIP services is resulting in the enormous growth of broadband network. This paper aim to evaluate performance of WIMAX and UMTS to support VOIP traffic .OPNET have used for evaluation, performance parameter used are delay, jitter, mean opinion score (MOS), packet delay variation and throughput. The results show that WIMAX is the best technology to support VOIP applications compared with UMTS.

Keywords: VoIP, WIMAX, UMTS, Performance.