

Abstract Details

Title: Throughput Performance Evaluation of VoIP over WiMax Network

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Abstract: Telecommunication had been the researchers discuss and make a numerous changes in the recent years, especially in the development of mobile broadband. Cellular systems accommodate a large number of mobile units over a large area within a limited frequency spectrum. This paper focuses on study of Throughput Performance Evaluation of VoIP Over WiMAX Network using OP-NET software programming for different scenarios, the parameter which were taken in to Consideration of the Evaluation were number of calls and power. For The results, we observe that when the number of celled is increased and the power is 5 watt the ratio of the throughput is increased. The results show that best quality of service is achieved by using many services designed for specific applications.

Keywords: VOIP, OPNET, QoS, WiMAX. Throughput.