QoS Performance Evaluation of Voice over LTE Network

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Abstract:

This paper describes the QoS performance evaluation of voice over LTE network using OMNeT++; an open-source system-level simulator and SimuLTE. OMNet++ is a well-known, widely-used modular simulation framework, which offers a high degree of experiment support. As a result, it can be integrated with all the network oriented modules such as INET. We describe the voice over LTE, and show performance evaluation results obtained using the simulator.