

ABSTRACTION

Competition among operator cellular has been happening, one of their competition is in providing service base on multimedia and high technology to get consumer interest. It has one limitation that is requiring of large canal for the multimedia service and real time characteristic. It is really important because need of multimedia service will be higher.

Study in this final task is limited in how to optimize multimedia services and get low GOS. Canal allocation for the multimedia service by handoff of microcell to macrocell can be a solution. Performance Analysis does in multimedia canal traffic of two system seluler hierarchy layer of microcell-macrocell.

In this final task, writer try to analyze canal allocation of microcell to macrocell planning in five different case by simulation, than compare canal amount from each case. The optimalization can get good quality of service with GOS standard beneath 2%.