

ABSTRACT

CDMA2000 1x is one of method access from system seluler used by some peripatetic telecommunications operator exist in this Indonesia. Technology of Code Division Multiple Access (CDMA) this able to accommodate data service and voice with data rate 153.6 kbps. CDMA2000 1x representing generation technology 2.5 where this technology give alternative for network of AMPS And IS-95 for have the evolution go to more network rely on in system and also his service.

As one of operator to technological of CDMA, Telkom Flexi have potency to experience of resistance or internal issue of his execution in the case of quality and also amount in this case cover aspect of trafik and coverage.

This final project duty analyse to be done to be emphasized at aspect traffic. Parameter to be analysed to cover Call Attempt, Call Answer, Call Seizure, ASR, SCR, SCH, MHTS, Drop Ratio, OCC and blocking probability. The Parameter will be analysed pursuant to yardstick of standarization. Penetrating visible others performansi from service voice, data and SMS. For analyse aspect traffic done by perception of during month of October And November 2005 and got a result which not yet optimal among other things Answer To Seizure Ratio (ASR) equal to 93.55 %, Successful Call Ratio (SCR) equal to 88,48 %, Seizure per Circuit per Hour (SCH) equal to 2 call/cct/hour, Occupancy (OCC) equal to 27,48 %, Grade Of Service (GOS) equal to 3,437 % and Mean Holding Time per Seizure (MHTS) equal to 13,35 %. While only parameter of Post Dialing Delay (PDD) equal to 3,5 second. For a while for drop call at Semarang Area have very both for residing in under level 2 %.