

## **ABSTRACT**

*Technology of telecommunication in Indonesia now is entering new act by becoming 3G UMTS (3rd Generation Universal Mobile Telecommunication System) or which familiar is WCDMA. Technology development of WCDMA expectable to accommodate all of high packet data rate service and existing frequency allocation.*

*In this final duty discuss about parameter analysis result drive test are RSCP, Ec/No, N pilot pollution. Meanwhile to do statistic analysis OSS such as CS64 CSSR, CS64 CCSR, CS64 Drop Rate, RRC Success Rate, RAB Success Rate, SHO Success Rate, and IRATU2GHO Success Rate. To analyze thus parameter, limited to KPI (Key Performance Indicators).*

*To analyze drive test based on KPI there are some area which to stay under threshold. Therefore need to do optimalization with downtilt the antenna on electrical tilt and mechanical tilt based on antenna configuration every site. Eventhough for statistic analyze OSS research got that mean of OSS research on march 2008 for CS64 CSSR, CS64 CCSR, RRC Success Rate, RAB Success Rate, and CS64 Drop Rate reach KPI. Eventhough for SHO Success Rate and IRATU2GHO Success Rate doesn't reach KPI.*