

ABSTRACT

Developing supplier service amount on GSM network, insist the operator supplier service for solidity the network and optimization services together with quality deserved. Quality service deserved must be match with quality standard fixed. For fulfill standard value fixed needed optimization network counting performance BTS so that not decrease the good reputations services on the network.

This project will discuss about optimization on the network GSM for Subang district as one of seize district from network supplier service. Optimization network will be conducted basic on analysis from parameter data radio and happening parameter. Take over the data will be conducted with drive test, analyzed data include RxLevel, RxQual, Call drop, call setup success rate, call setup time, and handover.

Result from this optimization is like comparison agreement value income planning with value income measurement with optimization recommendation. Value from optimization will threaten on quality standard fitting from services after fulfill parameters specific basic on Drive test and standard Key Performance Indicator