

ABSTRACT

Growth of towers from each operator which increase more and more, causing urban planning in a region become less natty arranged. For the efficiency of development towers from each the operator require to be planning of share celluler network with concept of single tower, multi operator and coverage.

Planning celluler network only for just region of Depok. Used system in the plan is the GSM system. Determination for location according to study analyse from location and map of BTS existing, where this planning only for just site macro. In the plan simulation coverage this use Asset tool planning software with using calculation of link budget at frequency 1800 Mhz.

Result of this planning is locations of site which later can be used by some operator.

Keywords : Single tower, Multi Operator, Coverage