

ABSTRACT

In technology CDMA which the glorious medium this time, a lot of applications which can be made a promise by a operator CDMA. The Reason is because CDMA have a lot of excess making all consumer GSM change over to CDMA, for example such as since expense of use of Cheap application CDMA and economize. CDMA also have more well high security.

But on the otherhand all, to be able to guarantee technological existence of CDMA Profiting, need paid attention to also hit network configuraton from CDMA therewith its transmission system and the cell forming of CDMA and also capacities of consumer CDMA so that the got result will be more be maximal.

At this Final Project, studied to hit capacities and cell forming, size measure, and form cell of Telkom Flexi Tasikmalaya by paying attention to wide of area, traffic, parameter forming cell, parameter influencing capacities. Others need paid attention to also hit link budget and capacities from consumer of Telkom Flexi Tasikmalaya, then will be evaluated by a comparison result from result analyse with result of edited by Telkom Flexi Tasikmalaya.

Result from analysis this final project as a whole the system have competent, but on the other side still a lot of there are region which not yet been covered by TELKOMflexi. The Result from analysis is cell have 120 channel of capacities or about 107,4 Erlang and have a maximum radium about 1,73 km for urban area and about 3,87 km for suburban area. From result of drive test, known that performance of BTS awipari is less nicely, since generally accepted sinyal around The BTS below - 90 dBm.