

Abstraction

In its growth, the technology of wireless telecommunication in Indonesia is increased. A lot of user needed communication can be used in every where. That's the reason for wireless telecommunication growing fast, in which user needed services and freshness in communicated.

Act of preparing channel for transmitted information that be used for communicated like voice and data required mainstay from quality of telecommunications. In facing growth of wireless telecommunications user, operator require development of network to be able to serve all user with develop new link by using transmission network of SDH with microwave, in which this technology have mainstay in speed channel information and have big bandwidth. Link to be waked up is Link Palembang – Jambi to fulfill requirement of channel to 3 year forwards.

Planning of this backbone across area that public road between Palembang and Jambi region and also reckon situation of climate and height of land to determination of high receiver and transmitter. These represent one of determinant quality from acceptance of microwave in link Palembang – Jambi.

Result from this planning obtained that link below the marks of operator improve repaired to reach standard 99,999% and channel that used for this backbone link Palembang – Jambi is 2 STM-1.