

ABSTRACT

Along with the development of cellular technology, the increase in the number of subscribers is increasing until now. The need for the community continues to grow from time to time. LTE is the answer to the needs that people want. The LTE technology network standardized by the 3 Generation Partnership Project (3GPP) technology can provide data transfer speeds of up to 50 Mbps on the uplink side and up to 100 Mbps on the downlink side. The quality of a network can be measured using the drive test method so that it can be seen which areas have poor network quality. So that by using the drive test method, it can be seen the quality of the LTE network on the parameters of RSRP, RSRQ, and SINR in Pesarean Village on Telkomsel and Indosat operators. Jalan Klambon has the best average value from Telkomsel operators on the RSRP parameter with a value of -94 dBm, RSRQ parameter of -10.72 dB, and SINR with a value of 0 dB on all roads. At the Indosat operator on Jalan Klambon, the RSRP parameter has a value of -84,619 dBm, the RSRQ parameter has a value of 13.809 dB, and SINR is on all roads with a value of 0 dB.

Keywords: LTE, Drive Test, RSRP, RSRQ, SINR.