

ABSTRACT

The increasing number of technological developments currently allows communication with the aim of exchanging information wirelessly. The presence of communication facilitates human activities. This report aims to assist in having a broader insight, develop capabilities. The benefit of this report is that it can provide knowledge of the cluster drive test, can find out the methods, parameters and plotting of the drive test results when they have been optimized. Data retrieval is done by using 2 software in the form of Nemo Handy and Nemo Outdoor. The data is taken by circling the area, when the engineer surrounds the area, the log file will be started so that the signal in an area can see the quality results. The results of data collection using Nemo Handy and Nemo Outdoor for the RSRP parameter can be said to be good when the range is more than equal to 85. The download method can be said to have good signal quality when it is more than equal to 50000. As for the RSRQ parameter it can be said that the signal is good when the range is more than equal to -5 and in the upload method the signal quality is good when the range is more than equal to 50000. Can be concluded during the drive test if the further the distance between the site and the user, the smaller the log file value received by the user, or there is no serving. When testing the drive test there are no holes in the log file results that cause repetition during the test.

Keywords: Drive Test, Nemo Handy, Nemo Outdoor