

ABSTRACT

Link budget is a method for calculating received signal strength in a wireless communication network. Link budget is very important to ensure optimal communication quality and can be used in designing, planning and evaluating the performance of a network. In the link budget, various parameters such as transmitter power, path loss, antenna gain, system loss and margin are considered to calculate the received signal strength at the receiver. Accurate link budget calculations are necessary to ensure that the received signal still has sufficient strength to reach the levels required for good communication quality, as well as to avoid unwanted interference and performance degradation. But in conventional link budget calculations it takes time and high accuracy to get accurate results, therefore the author tries to make a special calculator design that can only be used specifically to calculate the link budget of a network with web-based parameters.

Keyword : *Link Budget, Web, Signal*