Abstract

In any kind of network planning it is the central task to estimate and thus analyze propagation characteristics of a radio system through a medium in order to state accuracy in signal parameters for efficient network planning. The system must necessarily incorporate in itself the ability to predict the accurateness of radio propagation behavior. The site measurements each and every time are no doubt expensive & costly, so these models are a better alternative to that and even a lot less costly along with better suitability. Path loss thus is now a major consideration while laying down any network of base stations that can be used to estimate transmission requirements for a particular region thus offering better Quality of Service. Thus it is an important aspect to know the features of environment of operation of such a system along with the location of base station and mobile.

References

A Review on Empirical data collection and analysis of Bertoni’s model at 1.8 GHz

- Electronic Communication Committee (ECC) within the European Conference of Postal and Telecommunication Administration (CEPT), &quot;The analysis of the coexistence of FWA cells in the 3. 4 – 3. 8 GHz band,&quot; tech. rep., ECC Report 33, May 2003.
- Mr. Sumit Joshi,Mr. Rajeev Kumar,A Review On mobility Phillic Communications,
A Review on Empirical data collection and analysis of Bertoni’s model at 1.8 GHz


Index Terms

Computer Science

Wireless Communication

Keywords

Path loss data  Empirical models  Bertoni’s model  Comparison