Abstract

WiMAX can provide at home or mobile internet access across whole cities or countries. It provides enhance data rates as compared to digital subscriber line (DSL). It also provide support for mobile wireless access beside support for wireless broadband access (BWA). Due to the high traffic load in the cell problems like blocking, handover failure, forced termination and of not completed call arises. Therefore, two channel allocation scheme Non priority scheme (NPS) and Reserve channel scheme (RCS) has been proposed in Wi-max.

References

1. Antti Makelainen, - "Analysis of Handoff Performance in Mobile Wimax Networks", Dec 2007
2. IEEE standard for local and metropolitan area networks - Part 16: Air Interface for fixed broadband and wireless access system. IEEE Std. 802.16, Oct 2004
3. F. Peng, B. Peng, and D. Qian-Performance analysis of IEEE 802.11e enhanced distributed channel access,. Communications, IET, vol. 4, no. 9, pp. 728-738, Apr 2010

**Index Terms**

Computer Science Wireless

**Keywords**

Wi-max, Channel Allocation, Reserved Channel Scheme, Non Prioritize Channel Scheme.