Software and Test Tool for Fixed WiMAX

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Abstract

Planning and Optimizing IEEE 802.16d network need lot of effort and man power. In this paper we are presenting a tool which automates several aspects of these processes. This describes the hardware and the software components and telecommunication aspects of the design, and their integration as a complete system. A hardware tool is presented for gathering signal parameters at various location of the network for analyzing purposes. Measurements can be used to optimize the network to maintain better signal quality.