

METHOD FOR CONFIGURING SIGNALS CORRESPONDING TO ADAPTATIVE PACKET FORMAT OF MIMO-WLAN SYSTEM

Abstract

Disclosed is a signal constructing method according to an adaptive packet format in a MIMO-WLAN (Multi-input multi-output Wireless LAN) system. A method is used to construct a plurality of signals in a MIMO-WLAN, with transmitting a data packet as a plurality of signals via a plurality of antennas. The method includes the steps of: constructing a data packet to include a preamble for packet transmission, an additional information region for data packet transmission in MIMO-WLAN system, and a service data unit; distributing data of the preamble to at least one of the plurality of signals; distributing data of the additional information region to at least one of the plurality of signals; and distributing data of the service data unit to at least one of the plurality of signals. The method is compatible with existing wireless LAN technology standard mode, and also provides high-speed data transmission rate.