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Abstract

Receiver and Method for WLAN Burst type Signals

The present invention relates to methods and devices for receiving signals in a Wireless Local Area Network (wireless LAN, or WLAN), particularly in the case that the signals are Orthogonal Frequency Division Multiplexed (OFDM) signals. An Automatic Gain Control apparatus for an OFDM receiver is disclosed, having means for determining the average power of received preamble symbols in order to set an appropriate AGC level, means for determining a first AGC level based on the average power of a first number of symbols and means for determining a second AGC level based on the average power of a second number of subsequent symbols.

Fig. 4