



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. A frequency tracking apparatus for an OFDM receiver is disclsoed having means for determining the correlation of corresponding samples of two received pilot carrier symbols, one said sample delayed a predetermined duration with respect to the other; means for integrating said correlation over an integration window and means for determining a frequency tracking error from the sum of said integration.

Fig. 4