162162

G00002

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 symbol timing apparatus for an OFDM receiver is disclosed having: means for determining the correlation of corresponding samples of two received preamble symbols, one said sample delayed a predetermined duration with respect to the other; means for determining the maximum correlation value within a predetermined integration window, said maximum value indicating the start of a symbol; wherein the integration window duration is not equal to said delay duration.

Fig. 4