

Summary

Method for determining a residual frequency offset,
communication system, method for transmitting a message,
5 transmitter, method for processing a message and receiver

A method for determining a residual frequency offset between
a transmitter and a receiver in a transmission of data via a
communication channel, is described, wherein a message is
10 transmitted from the transmitter to the receiver via the
communication channel and the message comprises at least one
short preamble, at least one long preamble and user data. The
at least one long preamble comprises residual frequency
offset determination information based on which the residual
15 frequency offset is determined.

figure 2