

**ABSTRACT****METHOD OF REALIGNING THE LOCAL OSCILLATORS OF A
RECEIVER AND DEVICE FOR IMPLEMENTING THE METHOD**

The present invention relates to a method of realigning the local oscillators of a receiver as well as a device for implementing the method. In a receiver comprising a high frequency/intermediate frequency translation oscillator, an intermediate frequency/baseband translation oscillator, and a sampling oscillator receiving a signal modulated by at least one circuit for inverse fast Fourier transform FFT^{-1} computation according to a multicarrier modulation of OFDM (Orthogonal Frequency Division Multiplexing) type with addition of a transition interval at the start of each transmission interval, the spectrum of the said signal comprising two master lines having a fixed frequency difference between them.

The method is characterised by the following steps:

- 1° - determination of the start of a transmission interval;
- 2° - determination of the position of the two master lines;
- 3° - computation of the variation of the phases of these two lines as a function of time and exploitation of the result to set the frequency of the sampling oscillator and of the intermediate frequency baseband translation oscillator.

Application to digital television.

FIGURE 3.