

ABSTRACT**Method for optimizing an acquisition of a spread-spectrum signal
from a satellite by a mobile receiver**

The invention relates to a method for optimizing the acquisition phase of a spread-spectrum signal by a mobile receiver. The method comprises searching for the path having the maximum energy for different frequency assumptions and among all the positive trend paths of said frequencies between two initial and final instants marking the beginning and the end of a coherent signal integration. The invention can particularly be used for satellite global navigation systems of the GPS (Global Positioning System), Galileo or Glonass type..

Figure 3

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