

ABSTRACT

Disclosed is a method for implementing a Primary Synchronization Signal (PSS) in the time domain, including that: PSS time domain sequences with different sampling rates and with configuration represented by $N_{ID}^{(2)}$ are pre-stored; a PSS time domain power weighting related parameter is obtained according to a PSS power control related parameter, a cell related parameter and timing information; power weighting processing is performed on the PSS time domain sequences to obtain weighted PSS time domain sequences according to the pre-stored PSS time domain sequences with different sampling rates and with configuration represented by $N_{ID}^{(2)}$ and the PSS time domain power weighting related parameter; and addition operation is performed on the weighted PSS time domain sequences and time domain data of signals and channels other than the PSS. Also disclosed are an apparatus for implementing a PSS in the time domain and a computer storage medium.

[Figure 2]