

ABSTRACT

The present invention relates to a signal processing method, device, and system. The method comprises: performing direct-current balance coding on a signal sent by a signal source, so as to obtain a coded signal; modulating the coded signal to obtain a modulated signal; and sending the modulated signal to a receiving end so as to instruct the receiving end to perform high-pass filtering processing on the received modulated signal to obtain a modulated signal of which the frequency is higher than a preset value, and demodulating and decoding the modulated signal of which the frequency is higher than the preset value, so as to obtain a processed signal. According to embodiments of the present invention, high-pass filtering processing is performed on the received modulated signal at the receiving end to obtain the modulated signal of which the frequency is higher than the preset value, such that the effect of MPI noise on the transmission performance can be effectively reduced, and the tolerance to the MPI noise is improved.

Fig. 2