

ABSTRACT

The present application relates to a filter implementation method and apparatus, a noise suppression method and apparatus, and a computer device, a storage medium and a computer program product. The filter implementation method comprises: acquiring a first signal frequency spectrum and a first power spectrum, which correspond to a first test signal; determining a noise spectrum of the first test signal according to the first signal frequency spectrum and the first power spectrum; then acquiring a second signal frequency spectrum corresponding to a second test signal; and determining a frequency response of a Wiener filter according to the second signal frequency spectrum and the noise spectrum of the first test signal. By means of the filter implementation method in combination with a frequency domain method, a frequency response of a Wiener filter under MPI noise can be obtained, such that an optimal filter for the MPI noise can be achieved, and the MPI noise can be suppressed to the greatest extent, thereby preventing the transmission of a PAM signal from being impacted by the MPI noise.

Fig. 1