

ABSTRACT

Provided in the present application are a pilot information symbol sending method, a channel estimation method, and a communication device. The pilot information symbol sending method comprises: according to a discrete Fourier transform (DFT) matrix and a sensing matrix, determining a pilot information symbol corresponding to each antenna on each pilot resource; and sending a corresponding pilot information symbol on each of the pilot resources for each of the antennas, the sensing matrix being determined by the training of channel information.

Figure 2 accompanies.