

POSITIONING METHOD AND RELATED APPARATUS

ABSTRACT

This application provides a positioning method and a related apparatus. The method includes: obtaining first information and second information, where the first information includes information about a first time difference, the first time difference includes a time difference between receiving and sending at least two signals by a terminal device, the second information includes information about a second time difference, the second time difference includes a time difference between receiving and sending the at least two signals by a first network device, the at least two signals include any two signals that are transmitted between the terminal device and the first network device in opposite directions at different times, and transmission resources consumed by the at least two signals are fewer than transmission resources consumed by a PRS and an SRS; determining, based on the first information and the second information, a first RTT corresponding to the terminal device; and positioning the terminal device. In the method, the RTT between the terminal device and the network device can be measured based on the obtained time difference between receiving and sending the at least two signals by the terminal device and the obtained time difference between receiving and sending the at least two signals by the network device, so that the terminal device is positioned.

Fig. 3