

ABSTRACT

This application discloses a communication method for a UWB and a related product. This application may be applied to a UWB-based wireless personal area network system, a sensing
5 system, a positioning system, a ranging system, or a communication system, and may be further applied to a wireless local area network system that supports 802.11 series protocols such as a next-generation Wi-Fi protocol of IEEE 802.11ax, for example, 802.11be or Wi-Fi 7, and a next-generation protocol of 802.11be, for example, Wi-Fi 8. The method includes: generating a first message, where the first message includes a first bitmap, an i^{th} bit in the first bitmap corresponds
10 to an i^{th} UWB device, and when the i^{th} bit is set to a specified value, the i^{th} bit indicates a location of parameter configuration information of the i^{th} UWB device in a first DPL; and sending the first message. The first bitmap indicates the location of the parameter configuration information of the UWB device in the DPL, to reduce signaling overheads for updating a list element.

15 Fig. 8