

COMMUNICATION METHOD, COMMUNICATION APPARATUS, AND COMMUNICATION SYSTEM

ABSTRACT

5 A communication method, a communication apparatus, and a communication system are provided, are applied to a wireless local area network system that supports the 802.11 series protocols, for example, a next-generation Wi-Fi protocol of IEEE 802.11ax, such as 802.11be, Wi-Fi 7, or EHT, for another example, a next-generation of 802.11be, such as 802.11bn or Wi-Fi 8, 802.11ay, or 802.11aj, and may be further applied to a UWB-based wireless personal area network system, a sensing (sensing) system, and the like. A first communication apparatus generates and
10 sends a PPDU. Correspondingly, a second communication apparatus receives and parses the PPDU. A bandwidth for transmitting the PPDU may include 128 subcarriers, and a quantity of pilot subcarriers in the 128 subcarriers is greater than 6. A packet error rate is effectively reduced by using the foregoing method.

15 Fig. 5a