

COMMUNICATION METHOD AND APPARATUS

ABSTRACT

A communication method and apparatus 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 sends a PPDU, and a second communication apparatus receives the PPDU. The PPDU corresponds to at least one target user, the PPDU includes a data field corresponding to the target user, and a parameter $N_{SD,short}$ corresponding to the target user is determined based on an RU/MRU used to transmit the data field and an MCS of the data field. This effectively reduces encoding/decoding time and improves encoding/decoding efficiency.

FIG. 2