

COMMUNICATION METHOD AND APPARATUS

ABSTRACT

Disclosed are a communication method and apparatus, which are applied to wireless local area network systems supporting IEEE 802.11 series protocols such as a next-generation Wi-Fi protocol of 802.11ax, for example, 802.11be, Wi-Fi 7, or EHT, a next generation of 802.11be, for example, 802.11bn or Wi-Fi 8, 802.11ay, and 802.11aj, and can also be applied to UWB-based wireless personal area network systems, sensing (sensing) systems, and the like. A first communication apparatus generates and sends a PPDU. A second communication apparatus receives and parses the PPDU. Pilot values carried on pilot subcarriers corresponding to a data field in the PPDU are determined based on a bandwidth of the PPDU and Nss groups of initial pilot values. At least two groups of initial pilot values in the Nss groups of initial pilot values are different. Each group of initial pilot values may include M initial pilot values. Utilization of a processing circuit is effectively improved.

FIG. 2