

ABSTRACT

Embodiments of this application disclose a modulation and coding scheme indication method and a corresponding apparatus. This application is applied to a wireless local area network system that supports one or more of a next-generation Wi-Fi protocol of IEEE 802.11ax (for example, 802.11be, Wi-Fi 7, or EHT), a next-generation Wi-Fi protocol of IEEE 802.11be (for example, 802.11bn, Wi-Fi 8, or UHR), Wi-Fi AI, a millimeter wave (mmWave), an ultra wideband (UWB), and sensing (sensing). The method includes: generating a physical layer protocol data unit PPDU, where the PPDU includes a first field and a second field, the first field indicates a first modulation and coding scheme MCS group, and the second field indicates a number of spatial streams corresponding to one or more MCSs in the first MCS group; and sending the PPDU. This can reduce bit overheads.