

ABSTRACT

NULL DATA PACKET ANNOUNCEMENT FRAME TRANSMISSION METHOD AND RELATED APPARATUS

This application provides a null data packet announcement NDPA frame transmission method
5 and a related apparatus. The method includes: An access point generates an NDPA frame, where
the NDPA frame includes a station information field, and the station information field includes an
AID subfield indicating an association identifier AID of a station; the station information field
further includes a partial bandwidth information subfield; the partial bandwidth information
subfield indicates an RU that is in a bandwidth corresponding to the NDPA frame and for which
10 the station needs to feed back channel state information; and the bandwidth corresponding to the
NDPA frame is greater than 160 MHz. The access point transmits the NDPA frame. In this case,
the station information field can indicate the station to sound a channel with a bandwidth greater
than 160 MHz, thereby implementing data transmission in a larger bandwidth and improving
transmission efficiency. Embodiments of this application may be applied to a wireless local area
15 network system supporting a next-generation Wi-Fi EHT protocol of IEEE 802.11, for example,
an 802.11 protocol such as 802.11be.

Figure 5