

BANDWIDTH INDICATION METHOD APPLIED IN WIRELESS LOCAL AREA NETWORK AND COMMUNICATION APPARATUS

ABSTRACT

This application provides a bandwidth indication method applied in a wireless local area
5 network supporting the 802.11be standard and a communication apparatus. The method includes:
An access point generates a physical layer protocol data unit PPDU, where a transmission
bandwidth of the PPDU is divided into a plurality of segments, the PPDU includes a universal
signal U-SIG field carried on a segment, the U-SIG field includes a bandwidth field, and the
bandwidth field indicates a channel bandwidth of a resource unit allocated to a station parked in
10 the segment; and the access point sends the PPDU to the station. The method in this application
can be used to reduce signaling overheads of PPDU transmission, and resources across segments
can be allocated to the station, so that resources can be more flexibly allocated.

Fig. 12