

ABSTRACT

RESOURCE INDICATION METHOD, ACCESS POINT, AND STATION

This application relates to the field of wireless fidelity technologies, and in particular, to a
5 resource indication method, an access point, and a station. The method includes: An access point
generates a PPDU, and sends the PPDU, where the PPDU includes preamble puncturing indication
information transmitted in a first frequency domain segment, the preamble puncturing indication
information indicates that a first bandwidth is allocated to a scheduled user in the first frequency
domain segment, and the first bandwidth includes the first frequency domain segment. Because
10 the preamble puncturing indication information may indicate that a full bandwidth is allocated to
a scheduled STA in a frequency domain segment, each frequency domain segment of the full
bandwidth does not need to be indicated. In this way, overheads of a field used to carry the
preamble puncturing indication information can be reduced. However, a station may determine an
allocated resource by using the preamble puncturing indication information and a full bandwidth
15 size indicated by a bandwidth field, and does not need to read resource indications of all the
frequency domain segments, so that power consumption can be reduced.

Figure 8