

COMMUNICATION METHOD AND APPARATUS

ABSTRACT

A communication method and apparatus are provided, and relate to the field of communication technologies, so that a 20 MHz distributed bandwidth obtained through splitting
5 complies with a spectrum mask of a bandwidth greater than 20 MHz. This improves communication performance when distributed resource unit DRU scheduling and transmission are performed based on the 20 MHz distributed bandwidth in the bandwidth greater than 20 MHz. The method includes: transmitting an orthogonal frequency division multiplexing OFDM symbol via
10 a DRU in a 20 MHz distributed bandwidth in a first bandwidth, where a subcarrier index of the DRU in the 20 MHz distributed bandwidth is a subcarrier index of a DRU in a 20 MHz bandwidth plus $a-x$, a is a number of guard subcarriers on a first side of the first bandwidth, and x is a number of guard subcarriers on a first side of the 20 MHz bandwidth; or a subcarrier index of the DRU in the 20 MHz distributed bandwidth is a subcarrier index of a DRU in a 20 MHz bandwidth minus
15 $b-y$, b is a number of guard subcarriers on a second side of the first bandwidth, and y is a number of guard subcarriers on a second side of the 20 MHz bandwidth; and a , x , b , and y are all positive integers. This is applicable to a wireless local area network that supports related standards of the Institute of Electrical and Electronics Engineers.

(FIG.8)