

CLAIMS

What is claimed is:

1. A channel bandwidth configuration method, applied to a terminal device, wherein the method comprises:

5 receiving a management frame, wherein the management frame comprises an extremely high throughput (EHT) operation element, wherein the EHT operation element comprises a channel bandwidth field, a first channel center frequency field, and a second channel center frequency field, wherein a value of the channel bandwidth field is 4 and the channel bandwidth field indicates a channel bandwidth of a basic service set (BSS) is 320 MHz, wherein the first channel center
10 frequency field and the second channel center frequency field indicate channel location information of the BSS, wherein the first channel center frequency field indicates channel center frequency information of a primary 160 MHz channel in the 320MHz channel bandwidth of the BSS, and the second channel center frequency field indicates channel center frequency information of the 320 MHz channel bandwidth of the BSS, wherein a difference between the channel center
15 frequency information of the primary 160 MHz channel and the channel center frequency information of the 320 MHz channel bandwidth is equal to 16, wherein the 320 MHz channel bandwidth is in a plurality of channel bandwidths that can be supported by the terminal device; and

obtaining bandwidth configuration information of the BSS based on the EHT operation
20 element, wherein the bandwidth configuration information of the BSS comprises the channel bandwidth information and the channel location information.

2. The method according to claim 1, wherein the EHT operation element further comprises a puncture bitmap indicating a punctured channel in the BSS.

3. The method according to claim 2, wherein the puncture bitmap comprises at least one bit;
25 the bit one-to-one corresponds to a channel element in a channel bandwidth of the BSS; and when the bit is a preset bit value, the preset bit value indicates that the corresponding channel element is a punctured channel, wherein a channel bandwidth of the channel element is 20 MHz.

4. The method according to claim 1, wherein the step of receiving the management frame, comprises:

30 receiving the management frame in a 5 GHz frequency band.

5. The method according to claim 4, wherein the management frame further comprises a high throughput (HT) operation element.

6. The method according to claim 1, wherein the step of receiving the management frame, comprises:

receiving the management frame in a 6 GHz frequency band.

7. The method according to claim 6, wherein the management frame further comprises a high efficiency (HE) operation element.

8. A terminal device, comprising:

5 a processor; and
a memory, configured to store computer instructions, which when executed by the processor, cause the terminal device to perform the method in any one of claims 1 to 7.

9. A chip, comprising:

10 a processor; and
a memory, configured to store computer instructions, which when executed by the processor, cause a terminal device comprising the chip to perform the method in any one of claims 1 to 7.

10. A computer-readable storage medium, wherein the computer-readable storage medium stores computer instructions, which when executed by a processor, cause a terminal device comprising the processor to perform the method in any one of claims 1 to 7.

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