CLAIMS

1. A method for bandwidth part configuration, comprising:

receiving configuration information, the configuration information being used to configure at least one frequency-domain bandwidth configuration, a size and/or position of a bandwidth part configured by each of the at least one frequency-domain bandwidth configuration being defined by adopting a same frequency-domain unit as a unit, the frequency-domain unit comprising N Resource Blocks (RBs) and N being an integer more than or equal to 1; and

determining the at least one frequency-domain bandwidth configuration according to the configuration information.

2. The method of claim 1, wherein the bandwidth part configured by each frequency-domain bandwidth configuration has a same subcarrier spacing or different subcarrier spacings.

3. The method of claim 1, wherein

a subcarrier spacing of the RB is any subcarrier spacing in the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration; or

the subcarrier spacing of the RB is a maximum subcarrier spacing in the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration.

4. The method of claim 1, wherein the size of the bandwidth part configured by each frequency-domain bandwidth configuration is a number of frequency-domain units in the bandwidth part configured by the frequency-domain bandwidth configuration.

5. The method of claim 1, wherein the position of the bandwidth part configured by each frequency-domain bandwidth configuration is a relative offset of the bandwidth part configured by the frequency-domain bandwidth configuration relative to a synchronization signal or a cell carrier, the relative offset being defined by adopting the frequency-domain unit.

6. The method of claim 5, wherein the relative offset comprises:

an offset of a center frequency point, frequency-domain high end or frequency-domain low end of the bandwidth part configured by each frequency-domain bandwidth configuration relative to a center frequency point, frequency-domain high end or frequency-domain low end of the synchronization signal; or

an offset of the center frequency point, frequency-domain high end or frequency-domain low end of the bandwidth part configured by each frequency-domain bandwidth configuration relative to a center frequency point, frequency-domain high end or frequency-domain low end of the cell carrier.

7. The method of claim 1, wherein the configuration information further comprises at least one of:

serial number information of each frequency-domain bandwidth configuration;

and

information about the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration,

wherein information about the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration comprises:

information of serial numbers of the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration; or

information of a serial number of a parameter set of the bandwidth part configured by each frequency-domain bandwidth configuration, the parameter set of the bandwidth part configured by each frequency-domain bandwidth configuration at least comprising a subcarrier spacing and cyclic prefix of the bandwidth part configured by each frequency-domain bandwidth configuration.

8. The method of claim 1, wherein receiving the configuration information comprises:

receiving the configuration information sent through high-layer signaling or a system broadcast message.

9. The method of claim 1, further comprising:

receiving first indication information, the first indication information comprising information of a serial number indicating one frequency-domain bandwidth configuration in the at least one frequency-domain bandwidth configuration,

wherein receiving the first indication information comprises:

receiving the first indication information sent through high-layer signaling or a system broadcast message or Downlink Control Information (DCI).

10. The method of claim 1, further comprising:

receiving second indication information, the second indication information comprising frequency-domain resource allocation information based on one frequency-domain bandwidth configuration in the at least one frequency-domain bandwidth configuration,

wherein receiving the second indication information comprises:

receiving the second indication information sent through high-layer signaling or a system broadcast message or Downlink Control Information (DCI).

11. A network device, comprising:

an obtaining unit, configured to obtain configuration information, the configuration information being used to configure at least one frequency-domain bandwidth configuration, a size and/or position of a bandwidth part configured by each of the at least one frequency-domain bandwidth configuration being defined by adopting a same frequency-domain unit as a unit, the frequency-domain unit comprising N Resource Blocks (RBs) and N being an integer more than or equal to 1; and

a sending unit, configured to send the configuration information.

12. The network device of claim 11, wherein the bandwidth part configured by each frequency-domain bandwidth configuration has a same subcarrier spacing or different subcarrier spacings.

13. The network device of claim 11, wherein

a subcarrier spacing of the RB is any subcarrier spacing in the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration; or

the subcarrier spacing of the RB is a maximum subcarrier spacing in the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration.

14. The network device of claim 11, wherein the size of the bandwidth part configured by each frequency-domain bandwidth configuration is a number of frequency-domain units in the bandwidth part configured by the frequency-domain bandwidth configuration.

15. The network device of claim 11, wherein the position of the bandwidth part configured by each frequency-domain bandwidth configuration is a relative offset of the bandwidth part configured by the frequency-domain bandwidth configuration relative to a synchronization signal or a cell carrier, the relative offset being defined by adopting the frequency-domain unit.

16. The network device of claim 15, wherein the relative offset comprises:

an offset of a center frequency point, frequency-domain high end or frequency-domain low end of the bandwidth part configured by each frequency-domain bandwidth configuration relative to a center frequency point, frequency-domain high end or frequency-domain low end of the synchronization signal; or

an offset of the center frequency point, frequency-domain high end or frequency-domain low end of the bandwidth part configured by each frequency-domain bandwidth configuration relative to a center frequency point, frequency-domain high end or frequency-domain low end of the cell carrier.

17. The network device of claim 11, wherein the configuration information further comprises at least one of:

serial number information of each frequency-domain bandwidth configuration; and

information about the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration,

wherein information about the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration comprises:

information of serial numbers of the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration; or

information of a serial number of a parameter set of the bandwidth part configured by each frequency-domain bandwidth configuration, the parameter set of the bandwidth part configured by each frequency-domain bandwidth configuration at least comprising a subcarrier spacing and cyclic prefix of the bandwidth part configured by each frequency-domain bandwidth configuration.

18. The network device of claim 11, wherein the sending unit is specifically configured to:

send the configuration information through high-layer signaling or a system broadcast message.

19. The network device of claim 11, wherein the sending unit is further configured to:

send first indication information, the first indication information comprising information of a serial number indicating one frequency-domain bandwidth configuration in the at least one frequency-domain bandwidth configuration,

wherein the sending unit is specifically configured to:

send the first indication information through high-layer signaling or a system broadcast message or Downlink Control Information (DCI).

20. The network device of claim 11, wherein the sending unit is further configured to:

send second indication information, the second indication information comprising frequency-domain resource allocation information based on one frequency-domain bandwidth configuration in the at least one frequency-domain bandwidth configuration,

wherein the sending unit is specifically configured to:

send the second indication information through high-layer signaling or a system broadcast message or Downlink Control Information (DCI).

21. A terminal, comprising:

a receiving unit, configured to receive configuration information, the configuration information being used to configure at least one frequency-domain bandwidth configuration, a size and/or position of a bandwidth part configured by each of the at least one frequency-domain bandwidth configuration being defined by adopting a same frequency-domain unit as a unit, the frequency-domain unit comprising N Resource Blocks (RBs) and N being an integer more than or equal to 1; and

a determination unit, configured to determine the at least one frequency-domain bandwidth configuration according to the configuration information.

22. The terminal of claim 21, wherein the bandwidth part configured by each frequency-domain bandwidth configuration has a same subcarrier spacing or different subcarrier spacings.

23. The terminal of claim 21, wherein

a subcarrier spacing of the RB is any subcarrier spacing in the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration; or

the subcarrier spacing of the RB is a maximum subcarrier spacing in the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration.

24. The terminal of claim 21, wherein the size of the bandwidth part configured by each frequency-domain bandwidth configuration is a number of frequency-domain units in the bandwidth part configured by the frequency-domain bandwidth configuration.

25. The terminal of claim 21, wherein the position of the bandwidth part configured by each frequency-domain bandwidth configuration is a relative offset of the bandwidth part configured by the frequency-domain bandwidth configuration relative

to a synchronization signal or a cell carrier, the relative offset being defined by adopting the frequency-domain unit.

26. The terminal of claim 25, wherein the relative offset comprises:

an offset of a center frequency point, frequency-domain high end or frequency-domain low end of the bandwidth part configured by each frequency-domain bandwidth configuration relative to a center frequency point, frequency-domain high end or frequency-domain low end of the synchronization signal; or

an offset of the center frequency point, frequency-domain high end or frequency-domain low end of the bandwidth part configured by each frequency-domain bandwidth configuration relative to a center frequency point, frequency-domain high end or frequency-domain low end of the cell carrier.

27. The terminal of claim 21, wherein the configuration information further comprises at least one of:

serial number information of each frequency-domain bandwidth configuration; and

information about the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration,

wherein information about the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration comprises:

information of serial numbers of the subcarrier spacings of the bandwidth part configured by each frequency-domain bandwidth configuration; or

information of a serial number of a parameter set of the bandwidth part configured by each frequency-domain bandwidth configuration, the parameter set of the bandwidth part configured by each frequency-domain bandwidth configuration at least comprising a subcarrier spacing and cyclic prefix of the bandwidth part configured by each frequency-domain bandwidth configuration.

28. The terminal of claim 21, wherein the receiving unit is configured to:

receive the configuration information sent through high-layer signaling or a system broadcast message.

29. The terminal of claim 21, wherein the receiving unit is further configured to:

receive first indication information, the first indication information comprising information of a serial number indicating one frequency-domain bandwidth configuration in the at least one frequency-domain bandwidth configuration,

wherein the receiving unit is configured to:

receive the first indication information sent through high-layer signaling or a system broadcast message or Downlink Control Information (DCI).

30. The terminal of claim 21, wherein the receiving unit is further configured to:

receive second indication information, the second indication information comprising frequency-domain resource allocation information based on one frequency-domain bandwidth configuration in the at least one frequency-domain bandwidth configuration,

wherein the receiving unit is configured to:

receive the second indication information sent through high-layer signaling or a system broadcast message or Downlink Control Information (DCI).