CLAIMS:

1. A wireless communication method, comprising:

receiving, by a network device, a first message sent by a terminal device, where the first message indicates a first synchronization signal block detected by the terminal device; and

performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to the first synchronization signal block.

2. The method of claim 1, wherein performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to the first synchronization signal block, comprises:

performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to a frequency point occupied by the first synchronization signal block.

3. The method of claim 2, wherein performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to a frequency point occupied by the first synchronization signal block, comprises:

determining a reference point according to the frequency point occupied by the first synchronization signal block; and

performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to the reference point.

4. The method of claim 3, further comprising:

sending, by the network device, first information to the terminal device, where the first information indicates a reference point for the network device to perform frequency domain resource allocation and/or band part configuration on the terminal device.

5. The method of claim 3, wherein a reference point for the network device to perform band part configuration on the terminal device is a first reference point, and a reference point for

the network device to perform resource allocation on the terminal device is a second reference point.

6. The method of any one of claims 3 to 5, wherein performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to the reference point, comprises:

sending, by the network device, third information to the terminal device, where the third information indicates:

a size of allocated resources and/or an offset from the reference point, and/or a number of configured band parts and/or an offset from the reference point.

7. The method of claim 6, wherein the offset of the configured band parts from the reference point is an offset of the upper frequency point of the configured band part with respect to the reference point, an offset of the central frequency point of the configured band part with respect to the reference point, or a lower frequency point of the configured band part with respect to the reference point.

8. A wireless communication method, comprising:

sending, by a terminal device, a first message to a network device, where the first message indicates a first synchronization signal block detected by the terminal device; and

determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to the first synchronization signal block.

9. The method of claim 8, wherein determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to the first synchronization signal block, comprises:

determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to a

frequency point occupied by the first synchronization signal block.

10. The method of claim 9, wherein determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to a frequency point occupied by the first synchronization signal block, comprises:

determining a reference point for frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device, according to a frequency point occupied by the first synchronization signal block; and

determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to the reference point.

11. The method of claim 10, wherein a reference point for the network device to perform band part configuration on the terminal device is a first reference point, and a reference point for the network device to perform resource allocation on the terminal device is a second reference point.

12. The method of any one of claims 10 to 11, further comprising:

receiving, by the network device, first information sent by the terminal device, where the first information indicates:

a size of allocated resources and/or an offset from the reference point, and/or a number of configured band parts and/or an offset from the reference point; and

determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to the reference point, comprises:

determining, by the terminal device, frequency domain resource allocation and/or band part configuration performed on the terminal device by the network device according to the first

information and the reference point.

13. A wireless communication method, comprising:

sending, by a network device, first information, where the first information indicates a reference point for the network device to perform frequency domain resource allocation and/or band part configuration on the terminal device; and

performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to the reference point.

14. The method of claim 13, wherein a reference point for the network device to perform band part configuration on the terminal device is a first reference point, and a reference point for the network device to perform resource allocation on the terminal device is a second reference point.

15. The method of claim 14, wherein the first information indicates a first reference point; and

performing, by the network device, frequency domain resource allocation and/or band part configuration on the terminal device according to the reference point, comprises:

performing band part configuration according to the first reference point;

determining a second reference point according to the configured band part; and

performing frequency domain resource allocation according to the second reference point.

16. The method of any one of claims 14 to 15, wherein the first reference point and the second reference point are the same reference point; or

the first reference point and the second reference point are different reference points.

17. A wireless communication method, comprising:

receiving, by a terminal device, first information sent by a network device, where the first information indicates a reference point for the network device to perform frequency domain resource allocation and/or band part configuration on the terminal device; and

determining, by the terminal device, a reference point for the network device to perform frequency domain resource allocation and/or band part configuration on the terminal device, according to the reference point.

18. The method of claim 17, wherein a reference point for the network device to perform band part configuration on the terminal device is a first reference point, and a reference point for the network device to perform resource allocation on the terminal device is a second reference point.

19. The method of claim 18, wherein the first information indicates the first reference point; and

determining, by the terminal device, a reference point for the network device to perform frequency domain resource allocation and/or band part configuration on the terminal device, according to the reference point, comprises:

determining band part configuration performed on the terminal device by the network device according to the first reference point;

determining a second reference point according to the configured band part; and

determining a frequency domain resource allocation performed on the terminal device by the network device, according to the second reference point.

20. The method of any one of claims 18 to 19, wherein the first reference point and the second reference point are the same reference point; or

the first reference point and the second reference point are different reference points.

21. A wireless communication method, comprising:

sending, by a network device, first information, where the first information indicates a first reference point for the network device to send a reference signal to a first terminal device;

sending, by the network device, the reference signal to the first terminal device, according to the first reference point.

22. The method of claim 21, wherein the first information is carried in a system broadcast message, and the first terminal device comprises a terminal device in a coverage of the network device.

23. The method of claim 21, wherein the first message is carried in a random access response message or a radio resource control RRC dedicated signaling.

24. The method of claim 23, further comprising:

sending, by the network device, second information to a second terminal device, where the second information indicates a second reference point for the network device to send a reference signal to a first terminal device; and

sending, by the network device, the reference signal to the second terminal device according to the second reference point.

25. The method of claim 24, wherein the first reference point is the same as the second reference point; or

the first reference point is different from the second reference point.

26. A wireless communication method, comprising:

receiving, by a terminal device, first information sent by a network device, where the first information indicates a reference point for the network device to send a reference signal; and

determining, by the terminal device, the reference point for the network device to send the reference signal, according to the first information.

27. The method of claim 26, further comprising:

determining, by the terminal device, a reference signal part corresponding to a band part configured for the terminal device according to the reference point, and the band part.

28. The method of claim 26 or 27, wherein the first information is carried in a system broadcast message, a random access response message or a radio resource control RRC dedicated signaling.