

CLAIMS

1. A frequency configuration method, applied to a network device, the method comprising:
adding information of a target frequency to configuration information, and
representing the information of the target frequency by a segment number of the target frequency and a radio frequency channel number (RFCN) corresponding to a segment within which the target frequency is located.
2. The method of claim 1, further comprising:
configuring at least two pieces of segment information,
wherein the at least two pieces of segment information are obtained by dividing an entire spectrum.
3. The method of claim 2, wherein there is no overlapping band between different pieces of segment information.
4. The method of claim 2, further comprising:
determining the at least two pieces of segment information based on a protocol.
5. The method of claim 2, further comprising:
sending configuration of the at least two pieces of segment information to a terminal device through system broadcast information.
6. The method of claim 2, wherein after configuring the at least two pieces of segment information, the further comprises:
setting a corresponding segment number for each piece of segment information, and
numbering each frequency contained in each piece of segment information by a RFCN.

7. A frequency configuration method, applied to a terminal device, the method comprising:
- receiving configuration information from a network; and
 - obtaining information of a target frequency from the configuration information, the target frequency comprising a segment number of the target frequency and a radio frequency channel number (RFCN) corresponding to a segment within which the target frequency is located.
8. The method of claim 7, further comprising:
- determining at least two pieces of segment information based on a protocol; or,
 - obtaining, through system broadcast information, at least two pieces of segment information configured at a network side.
9. The method of claim 8, wherein the at least two pieces of segment information comprise a spectrum range of each piece of segment information and a segment number of the spectrum range, and comprise a RFCN of each frequency contained in each piece of segment information.
10. A network device, comprising:
- a first processing unit, configured to add information of a target frequency to configuration information, and represent the information of the target frequency by a segment number of the target frequency point and a radio frequency channel number (RFCN) corresponding to a segment with which the target frequency is located.
11. The network device of claim 10, wherein the first processing unit is configured to configure at least two pieces of segment information, wherein the at least two pieces of segment information are obtained by dividing an entire spectrum.
12. The network device of claim 11, wherein there is no overlapping band between different pieces of segment information.

13. The network device of claim 11 or 12, wherein the first processing unit is configured to:
determine the at least two pieces of segment information based on a protocol.

14. The network device of claim 11 or 12, further comprising:

a first communication unit, configured to send configuration of the at least two pieces of segment information to a terminal device through system broadcast information.

15. The network device of claim 11 or 12, wherein the first processing unit is configured to set a corresponding segment number for each piece of segment information, and number each frequency contained in each piece of segment information by a RFCN.

16. A terminal device, comprising:

a second communication unit, configured to receive configuration information from a network; and

a second processing unit, configured to obtain information of a target frequency from the configuration information, the target frequency comprising a segment number of the target frequency and a radio frequency channel number (RFCN) corresponding to a segment within which the target frequency is located.

17. The terminal device of claim 16, wherein,

the second processing unit is configured to determine at least two pieces of segment information based on a protocol; or,

the second communication unit is configured to obtain, through system broadcast information, at least two pieces of segment information configured at a network side.

18. The terminal device of claim 17, wherein the at least two pieces of segment information

comprise a spectrum range of each piece of segment information and a segment number of the spectrum range, and comprise a RFCN of each frequency contained in each piece of segment information.

19. A network device, comprising: a processor and a memory configured to store a computer program capable of running in the processor, wherein the processor is configured to run the computer program to implement operations of the method of any one of claims 1 to 6.

20. A terminal device, comprising: a processor and a memory configured to store a computer program capable of running in the processor, wherein the processor is configured to run the computer program to implement operations of the method of any one of claims 7 to 9.