WHAT IS CLAIMED IS:

1. A method for reporting interference information, performed by a terminal, comprising:

determining a configured frequency range corresponding to interference information requested to be reported according to an indication of a network device;

determining that a condition for sending the interference information is met, wherein the condition is that a frequency range related to a frequency interference problem corresponds to the configured frequency range; and

sending the interference information to the network device, wherein the interference information comprises information of the frequency range related to the frequency interference problem.

2. The method of claim 1, wherein the condition comprises at least one of:

an occurrence of the frequency interference problem;

stopping of the frequency interference problem; or

an occurrence of a new frequency interference problem.

3. The method of claim 1, wherein the information of the frequency range comprises at least one of:

a frequency range where interference occurs; or

a frequency range combination where interference occurs,

wherein the frequency range combination at least comprises one frequency range.

4. The method of claim 1, wherein the interference information further comprises a radio access technology corresponding to the frequency range where interference occurs,

wherein the radio access technology comprises at least one of:

a third generation partnership project (3GPP) radio access technology;

a global positioning system (GPS);

a BeiDou system (BDS);

a global navigation system (GNSS);

a wireless local area network (WLAN);

a Galileo positioning system (Galileo);

an Indian regional navigation satellite system (IRNSS); or

a bluetooth (BT).

5. The method of claim 1, wherein a type of the information of the frequency range comprises at least one of:

a serial number of a central frequency point and bandwidth information related to the serial number of the central frequency point;

a serial number of a start frequency point and a serial number of an end frequency point;

bandwidth part (BWP) information;

cell information;

cell group information; or

measurement object information.

6. The method of claim 5, wherein the information of the frequency range further carries sub-carrier spacing information corresponding to the frequency range, or

in response to the type comprising at least one of the BWP information, the cell information, the cell group information, or the measurement object information, the information of the frequency range further carries at least one of start frequency information or end frequency information of the frequency range, wherein the start frequency information comprises a serial number of a start frequency point or a serial number of a start physical resource block (PRB), and the end frequency information comprises a serial number of an end frequency point or a serial number of an end PRB.

7. The method of claim 5, wherein the bandwidth information comprises at least one of:

a bandwidth; or

a number of PRBs.

8. The method of claim 7, wherein in a case that the bandwidth information comprises a number n of PRBs,

in response to n being equal to 1, the information of the frequency range is used to indicate a frequency range starting from the central frequency point and having a bandwidth corresponding to the PRB, or is used to indicate a frequency range ending at the central frequency point and having a bandwidth corresponding to the PRB;

in response to n being an even number, the information of the frequency range is used to indicate a frequency range taking the central frequency point as a midpoint and having a bandwidth corresponding to the n PRBs; and

in response to n being an odd number greater than 1, the information of the frequency range is used to indicate a frequency range taking the central frequency point as a midpoint and having a bandwidth corresponding to the n PRBs, or is used to indicate a frequency range starting from a frequency point obtained by subtracting a bandwidth corresponding to a certain number of PRBs from the central frequency point and having a bandwidth corresponding to the n PRBs, wherein the certain number is a rounding value of n/2.

9. A method for determining a frequency range, performed by a network device, comprising:

indicating a configured frequency range corresponding to interference information requested to be reported to a terminal;

receiving the interference information sent by the terminal, wherein the interference information comprises information of a frequency range related to a frequency interference problem; and

determining the frequency range related to the frequency interference problem of the terminal according to the information of the frequency range.

10. The method of claim 9, wherein the terminal sends the interference information in response to at least one of following conditions being met:

an occurrence of the frequency interference problem;

stopping of the frequency interference problem; or

an occurrence of a new frequency interference problem.

11. The method of claim 9, wherein the information of the frequency range comprises at least one of:

a frequency range where interference occurs; or

a frequency range combination where interference occurs,

wherein the frequency range combination at least comprises one frequency range.

12. The method of claim 9, wherein the interference information further comprises a radio access technology corresponding to the frequency range where interference occurs,

wherein the radio access technology comprises at least one of:

a third generation partnership project (3GPP) radio access technology;

a global positioning system (GPS);

a BeiDou system (BDS);

a global navigation satellite system (GNSS);

a wireless local area network (WLAN);

a Galileo positioning system (Galileo);

an Indian regional navigation satellite system (IRNSS); or

a bluetooth (BT).

13. The method of claim 9, wherein a type of the information of the frequency range comprises at least one of:

a serial number of a central frequency point and bandwidth information related to the serial number of the central frequency point;

a serial number of a start frequency point and a serial number of an end frequency point;

bandwidth part (BWP) information;

cell information;

cell group information; or

measurement object information.

14. The method of claim 13, wherein the information of the frequency range further carries sub-carrier spacing information corresponding to the frequency range, or

in response to the type comprising at least one of the BWP information, the cell information, the cell group information, or the measurement object information, the information of the frequency range further carries at least one of start frequency information or end frequency information of the frequency range, wherein the start frequency information comprises a serial number of a start frequency point or a serial number of a start physical resource block (PRB), and the end frequency information comprises a serial number of an end frequency point or a serial number of an end PRB.

15. The method of claim 13, wherein the bandwidth information comprises at least one of:

a bandwidth; or

a number of PRBs.

16. The method of claim 15, wherein in a case that the bandwidth information comprises a number n of PRBs,

in response to n being equal to 1, the information of the frequency range is used to indicate a frequency range starting from the central frequency point and having a bandwidth corresponding to the PRB, or is used to indicate a frequency range ending at the central frequency point and having a bandwidth corresponding to the PRB;

in response to n being an even number, the information of the frequency range is used to indicate a frequency range taking the central frequency point as a midpoint and having a bandwidth corresponding to the n PRBs; and

in response to n being an odd number greater than 1, the information of the frequency range is used to indicate a frequency range taking the central frequency point as a midpoint and having a bandwidth corresponding to the n PRBs, or is used to indicate that a frequency range starting from a frequency point obtained by subtracting a bandwidth corresponding to a certain number of PRBs from the central frequency point and having a bandwidth corresponding to the n PRBs, wherein the certain number is a rounding value of n/2.

17. A terminal, comprising:

a processor; and

a memory storing a computer program executable by the processor,

wherein the processor is configured to perform a method for reporting interference

information of any one of claims 1 to 8.

18. A network device, comprising:

a processor; and

a memory storing a computer program executable by the processor,

wherein the processor is configured to perform a method for determining a frequency range of any one of claims 9 to 16.

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