

WHAT IS CLAIMED IS:

1. A cell determination method, applied in a terminal, comprising:

performing a cell selection and/or a cell reselection based on the slice-related information, wherein the slice-related information is received by an access stratum from a non-access stratum, and the slice-related information comprises a slice priority relation;

wherein the performing the cell selection and/or the reselection based on the slice-related information comprises:

determining a first frequency priority relation of a frequency related with the slice based on the slice priority relation; and

performing the cell selection and/or the cell reselection based on the first frequency priority relation.

2. The method of claim 1, wherein the slice-related information comprises requested network slice selection assistance information and/or allowed network slice selection assistance information.

3. The method of claim 2, wherein the requested network slice selection assistance information and/or the allowed network slice selection assistance information is provided to the access stratum by the non-access stratum in response to the terminal sending an initial non-access stratum message.

4. The method of claim 2, wherein the requested network slice selection assistance information and/or the allowed network slice selection assistance information is provided to the access stratum by the non-access stratum in response to the terminal sending a non-access stratum message so as to update registered slices.

5. The method of claim 1, wherein the slice-related information comprises pre-configured network slice selection assistance information provided by the non-access stratum to the access stratum when selecting a public land mobile network.

6. The method of claim 1, wherein the performing the cell selection and/or the cell reselection based on the first frequency priority relation comprises:

performing the cell selection and/or the cell reselection based on the first frequency priority relation and a second frequency priority relation received from a base station.

7. The method of claim 6, wherein the performing the cell selection and/or the cell reselection based on the first frequency priority relation and the second frequency priority relation received

from the base station comprises:

determining a third frequency priority relation based on the first frequency priority relation and the second frequency priority relation; and

performing the cell selection and/or the cell reselection based on the third frequency priority relation.

8. The method of claim 7, further comprising:

determining the third frequency priority relation of a frequency related with each slice; wherein

the determining the first frequency priority relation of the frequency related with the slice based on the slice priority relation comprises:

for the frequency related with each slice, determining a priority of the frequency related with a high priority slice being higher than a priority of the frequency related with a low priority slice; and

determining a priority of the frequency related with the slice based on the third frequency priority relation.

9. The method of claim 7, wherein the slice priority relation is determined based on a policy of the terminal and/or based on a priority of applications in the terminal indicated by a first non-access stratum message.

10. The method of claim 8, further comprising:

in response to a conflict between the slice priority relation determined based on a policy of the terminal and the slice priority relation determined based on a priority of applications in the terminal indicated by a first non-access stratum message, selecting the slice priority relation determined based on the policy of the terminal or the slice priority relation determined based on the priority of applications in the terminal indicated by the first non-access stratum message based on a second non-access stratum message.

11. The method of claim 7, wherein the determining the third frequency priority relation based on the first frequency priority relation and the second frequency priority relation comprises:

in response to the second frequency priority relation carried in a broadcast message of the base station, determining priorities of frequencies in the first frequency priority relation being higher than priorities of frequencies in the second frequency priority relation.

12. The method of claim 7, wherein the determining the third frequency priority relation

based on the first frequency priority relation and the second frequency priority relation comprises:

in response to the second frequency priority relation carried in a first dedicated signaling sent by the base station to the terminal, determining priorities of frequencies in the first frequency priority relation being higher than priorities of frequencies in the second frequency priority relation.

13. The method of any one of claims 11 and 12, wherein the determining the priorities of the frequencies in the first frequency priority relation being higher than the priorities of the frequencies in the second frequency priority relation comprises:

determining overlap frequencies between the frequencies in the first frequency priority relation and the frequencies in the second frequency priority relation; and

determining priorities of the overlap frequencies based on the first frequency priority relation, and determining the priorities of the overlap frequencies being higher than the priorities of other frequencies in the second frequency priority relation.

14. The method of claim 7, wherein the determining the third frequency priority relation based on the first frequency priority relation and the second frequency priority relation comprises:

in response to the second frequency priority relation carried in a first dedicated signaling sent by the base station to the terminal, determining priorities of frequencies in the second frequency priority relation being higher than priorities of frequencies in the first frequency priority relation.

15. The method of claim 7, wherein the determining the third frequency priority relation based on the first frequency priority relation and the second frequency priority relation comprises:

in response to the second frequency priority relation carried in a first dedicated signaling sent by the base station to the terminal, determining priorities of frequencies in the first frequency priority relation being higher than priorities of frequencies in the second frequency priority relation, or determining priorities of frequencies in the second frequency priority relation being higher than priorities of frequencies in the first frequency priority relation based on a second dedicated signaling sent by the base station to the terminal.

16. A cell determination apparatus, applied in a terminal, comprising:

a cell determining module, configured to perform a cell selection and/or a cell reselection based on the slice-related information, wherein the slice-related information is received by an access stratum from a non-access stratum, and the slice-related information comprises a slice

priority relation;

wherein the cell determining module is further configured to:

determine a first frequency priority relation of a frequency related with the slice based on the slice priority relation; and

perform the cell selection and/or the cell reselection based on the first frequency priority relation.

17. An electronic device, comprising:

a processor;

a memory for storing instructions executable by the processor; wherein

the processor is configured to implement the cell determination method of any one of claims 1 to 15.

18. A computer readable storage medium having computer programs stored thereon, wherein when the computer programs are executed by a processor, the cell determination method of any one of claims 1 to 15 is implemented.