Claims

1. A radio resource management (RRM) measurement method, comprising:

determining, by a terminal device having a number of receiving antennas and based on a mapping relationship between a number of antennas and an RRM measurement parameter, a first RRM measurement parameter corresponding to the number of receiving antennas that the terminal device has; and

performing, by the terminal device, an RRM measurement based on the first RRM measurement parameter;

wherein determining the first RRM measurement parameter corresponding to the number of receiving antennas that the terminal device has comprises:

determining that an RRM non-cell edge criterion measurement parameter is a fifth threshold in response to the number of receiving antennas that the terminal device has being a first number; or

determining that the RRM non-cell edge criterion measurement parameter is a sixth threshold in response to the number of receiving antennas that the terminal device has being a second number;

wherein, the first number is different from the second number, and the fifth threshold is different from or same as the sixth threshold.

2. The method of claim 1, further comprising:

determining the mapping relationship between the number of antennas and the RRM measurement parameter based on one of a protocol or a received indication message.

3. The method of claim 1, wherein determining the first RRM measurement parameter corresponding to the number of receiving antennas that the terminal device has comprises:

determining that an RRM low mobility criterion measurement parameter is a first threshold in response to the number of receiving antennas that the terminal device has being a first number; or

determining that the RRM low mobility criterion measurement parameter is a second threshold in response to the number of receiving antennas that the terminal device has being a second number;

wherein, the first number is different from the second number, and the first threshold is different from or same as the second threshold.

4. The method of claim 3, wherein,

the first threshold and the second threshold are one of:

measurement duration thresholds;

signal strength difference thresholds; or

a measurement duration threshold and a signal strength difference threshold.

5. The method of claim 1, wherein determining the first RRM measurement parameter corresponding to the number of receiving antennas that the terminal device has comprises:

determining that an RRM stationary criterion measurement parameter is a third threshold in response to the number of receiving antennas that the terminal device has being a first number; or

determining that the RRM stationary criterion measurement parameter is a fourth threshold in response to the number of receiving antennas that the terminal device has being a second number;

wherein, the first number is different from the second number, and the third threshold is different from or same as the fourth threshold.

6. The method of claim 5, wherein,

the third threshold and the fourth threshold are one of:

measurement duration thresholds;

signal strength difference thresholds; or

a measurement duration threshold and a signal strength difference threshold.

7. The method of claim 1, wherein,

the fifth threshold and the sixth threshold are one of:

signal strength thresholds;

signal quality thresholds; or

a signal strength threshold and a signal quality threshold.

8. The method of any of claims 1-7, wherein performing the RRM measurement based on the first RRM measurement parameter comprises:

performing the RRM measurement based on the first RRM measurement parameter, wherein the terminal device is in one of a radio resource control (RRC) idle state or an RRC inactive state.

9. A radio resource management (RRM) measurement method, comprising:

sending indication information to a terminal device having a number of receiving antennas, wherein the indication information is configured to indicate a mapping relationship between a number of antennas and an RRM measurement parameter;

wherein the RRM measurement parameter includes an RRM non-cell edge criterion measurement parameter;

wherein the mapping relationship between the number of antennas and the RRM non-cell edge

criterion measurement parameter comprises:

a fifth threshold corresponding to a first number of antennas, and a sixth threshold corresponding to a second number of antennas;

wherein, the first number is different from the second number, and the fifth threshold is different from or same as the sixth threshold;

such that the terminal determines that an RRM non-cell edge criterion measurement parameter is the fifth threshold in response to the number of receiving antennas that the terminal device has being the first number of antennas; or determines that the RRM non-cell edge criterion measurement parameter is the sixth threshold in response to the number of receiving antennas that the terminal device has being the second number of antennas.

10. The method of claim 9, wherein the indication information further comprises at least one of:

a mapping relationship between the number of antennas and an RRM low mobility criterion measurement parameter; or

a mapping relationship between the number of antennas and an RRM stationary criterion measurement parameter.

11. The method of claim 10, wherein the mapping relationship between the number of antennas and the RRM low mobility criterion measurement parameter comprises:

a first threshold corresponding to a first number of antennas, and a second threshold corresponding to a second number of antennas;

wherein, the first number is different from the second number, and the first threshold is different from or same as the second threshold.

12. The method of claim 11, wherein,

the first threshold and the second threshold are one of:

measurement duration thresholds;

signal strength difference thresholds; or

a measurement duration threshold and a signal strength difference threshold.

13. The method of claim 10, wherein the mapping relationship between the number of antennas and the RRM stationary criterion measurement parameter comprises:

a third threshold corresponding to a first number of antennas, and a fourth threshold corresponding to a second number of antennas;

wherein, the first number is different from the second number, and the third threshold is different from or same as the fourth threshold.

14. The method of claim 13, wherein,

the third threshold and the fourth threshold are one of:

measurement duration thresholds;

signal strength difference thresholds; or

a measurement duration threshold and a signal strength difference threshold.

15. The method of claim 9, wherein,

the fifth threshold and the sixth threshold are one of:

signal strength thresholds;

signal quality thresholds; or

a signal strength threshold and a signal quality threshold.

16. A terminal device, comprising: a processor and a memory, wherein, a computer program is stored in the memory, and the processor executes the computer program stored in the memory,

to cause the apparatus to perform the method of any of claims 1 to 8.

17. A network device, comprising: a processor and a memory, wherein, a computer program is stored in the memory, and the processor executes the computer program stored in the memory, to cause the apparatus to perform the method of any of claims 9 to 15.

18. A computer-readable storage medium for storing instructions, wherein, when the instructions are executed, the method of any of claims 1 to 15 is implemented.