CLAIMS

1. A measurement configuration method, applied to a terminal, the method comprising:

receiving resource configuration information for channel measurement and interference measurement from a base station, wherein the resource configuration information comprises N channel measurement resources and M interference measurement resources, and both N and M are integers greater than or equal to 1.

2. The method of claim 1, wherein each of the channel measurement resources is Channel State Information Reference Signal (CSI-RS) or Synchronization Signal Block (SSB), and each of the interference measurement resources is CSI-RS.

3. The method of claim 1, further comprising:

measuring, according to the resource configuration information, the channel measurement resources and the interference measurement resources, and

calculating, according to measurement of the channel measurement resources and the interference measurement resources, at least one Layer 1-Signal Interference plus Noise Ratio (L1-SINR).

4. The method of claim 3, further comprising:

receiving first Quasi Co-Location (QCL) configuration information from the base station, wherein the first QCL configuration information is used to configure QCL-Type D information of the channel measurement resources and QCL-Type D information of the interference measurement resources, and

wherein the L1-SINR is calculated from measurement of a channel measurement resource and an interference measurement resource that have a QCL-Type D relationship with

each other.

5. The method of claim 3, further comprising:

receiving second QCL configuration information from the base station, wherein the second QCL configuration information is used to configure the QCL-Type D information of the channel measurement resources,

wherein the L1-SINR is calculated from measurement of a channel measurement resource and an interference measurement resource which is the same as the channel measurement resource in terms of spatial filtering or QCL-Type D.

6. The method of claim 3, further comprising:

reporting, to the base station, the L1-SINR and at least one of an identifier of a channel measurement resource corresponding to the L1-SINR or an identifier of an interference measurement resource corresponding to the L1-SINR.

7. The method of any one of claims 1 to 6, wherein M is equal to N, and the N channel measurement resources and N interference measurement resources are in one-to-one correspondence in a predetermined order.

8. The method of any one of claims 1 to 6, wherein the N channel measurement resources are located before the M interference measurement resources in time domain.

9. The method of any one of claims 1 to 6, wherein the M interference measurement resources comprise N first interference measurement resources and S second interference measurement resources, the N channel measurement resources and the N first interference measurement resource are in one-to-one correspondence in a predetermined order, and the N channel

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measurement resources are located before the S second interference measurement resources in time domain.

10. A measurement configuration method, applied to a base station, the method comprising:

transmitting resource configuration information for channel measurement and interference measurement to a terminal, wherein the resource configuration information comprises N channel measurement resources and M interference measurement resources, and both N and M are integers greater than or equal to 1.

11. The method of claim 10, wherein each of the channel measurement resources is Channel State Information Reference Signal (CSI-RS) or Synchronization Signal Block (SSB), and each of the interference measurement resources is CSI-RS.

12. The method of claim 10, further comprising:

receiving a Layer 1-Signal Interference plus Noise Ratio (L1-SINR) and at least one of an identifier of a channel measurement resource corresponding to the L1-SINR or an identifier of an interference measurement resource corresponding to the L1-SINR which are reported by the terminal.

13. The method of claim 10, further comprising:

transmitting first Quasi Co-Location (QCL) configuration information to the terminal, wherein the first QCL configuration information is used to configure QCL-Type D information of the channel measurement resource and QCL-Type D information of the interference measurement resource,

wherein the L1-SINR is calculated from measurement of a channel measurement resource and an interference measurement resource that have a QCL-Type D relationship with each other.

14. The method of claim 10, further comprising:

transmitting second QCL configuration information to the terminal, wherein the second QCL configuration information is used to configure the QCL-Type D information of the channel measurement resources,

wherein the L1-SINR is calculated from measurement of a channel measurement resource and an interference measurement resource which is the same as the channel measurement resource in terms of spatial filtering or QCL-Type D.

15. The method of any one of claims 10 to 14, wherein M is equal to N, and the N channel measurement resources and N interference measurement resources are in one-to-one correspondence in a predetermined order.

16. The method of any one of claims 10 to 14, wherein the N channel measurement resources are located before the M interference measurement resources in time domain.

17. The method of any one of claims 10 to 14, wherein the M interference measurement resources comprise N first interference measurement resources and S second interference measurement resources, the N channel measurement resources and the N first interference measurement resource are in one-to-one correspondence in a predetermined order, and the N channel measurement resources are located before the S second interference measurement resources in time domain.

18. A terminal, comprising:

a processor;

a memory; and

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a program stored in the memory and executable by the processor,

wherein the program, when executed by the processor, implement operations of the measurement configuration method of any one of claims 1 to 9.

19. A base station, comprising:

a processor;

a memory; and

a program stored in the memory and executable by the processor,

wherein the program, when executed by the processor, implement operations of the measurement configuration method of any one of claims 10 to 17.

20. A computer-readable storage medium, having a computer program stored thereon, wherein the computer program, when executed by a processor, implement operations of the measurement configuration method of any one of claims 1 to 17.

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