

## CLAIMS

1. A method for transmitting a channel state information (CSI) report, comprising:  
transmitting, by a terminal, a CSI report, wherein the CSI report comprises CSI corresponding to at least one transmission occasion of at least two channel state information reference signal (CSI-RS) transmission occasions in one period, wherein the at least two CSI-RS transmission occasions correspond to at least one CSI-RS with at least one index;  
wherein the method further comprising:  
receiving, by the terminal, CSI-RS configuration information, wherein the CSI-RS configuration information indicates at least one CSI-RS resource;  
wherein the CSI report comprises CSI obtained by measuring based on the at least one CSI-RS resource.
2. The method according to claim 1, wherein the CSI-RS configuration information comprises at least one of:  
a state of repetition corresponding to the at least one CSI-RS, wherein the state comprises an on state or an off state;  
a number L of transmissions of the at least one CSI-RS in one period, where L is a positive integer;  
an interval T between two transmissions of the at least one CSI-RS in one period;  
a muting pattern of the at least one CSI-RS in one period;  
a period of the at least one CSI-RS;  
a slot offset of the at least one CSI-RS;  
a symbol position occupied by the at least one CSI-RS;  
a frequency domain resource position of the at least one CSI-RS;  
a number of ports of the at least one CSI-RS;  
a density of the at least one CSI-RS; or  
quasi co-location (QCL) information of the at least one CSI-RS.
3. The method according to any one of claims 1 to 2, wherein the CSI-RS report indicates at least one of:  
an index of the at least one CSI-RS, and a sequence number corresponding to at least one transmission of L transmissions in one period for the index of the at least one CSI-RS; or  
at least one of amplitude or phase of the at least one CSI-RS.

4. The method according to claim 3, wherein the amplitude comprises at least one of a broadband amplitude or a narrowband amplitude;

wherein the amplitude comprises an amplitude corresponding to the at least one transmission of the L transmissions of the at least one CSI-RS in one period.

5. The method according to claim 3, wherein the phase comprises at least one of a broadband phase or a narrowband phase;

wherein the phase comprises a phase corresponding to the at least one transmission of the L transmissions of the at least one CSI-RS in one period.

6. A method for receiving a channel state information (CSI) report, comprising:

receiving, by a network device, a CSI report, wherein the CSI report comprises CSI corresponding to at least one transmission occasion of at least two channel state information reference signal (CSI-RS) transmission occasions in one period, wherein the at least two CSI-RS transmission occasions correspond to at least one CSI-RS with at least one index;

wherein the method further comprising:

transmitting, by the network device, CSI-RS configuration information, wherein the CSI-RS configuration information indicates at least one CSI-RS resource;

wherein the CSI report comprises CSI obtained by measuring based on the at least one CSI-RS resource.

7. The method according to claim 6, wherein the CSI-RS configuration information comprises at least one of:

a state of repetition corresponding to the at least one CSI-RS, wherein the state comprises an on state or an off state;

a number L of transmissions of the at least one CSI-RS in one period, where L is a positive integer;

an interval T between two transmissions of the at least one CSI-RS in one period;

a muting pattern of the at least one CSI-RS in one period;

a period of the at least one CSI-RS;

a slot offset of the at least one CSI-RS;

a symbol position occupied by the at least one CSI-RS;

a frequency domain resource position of the at least one CSI-RS;

a number of ports of the at least one CSI-RS;  
a density of the at least one CSI-RS; or  
quasi co-location (QCL) information of the at least one CSI-RS

8. The method according to any one of claims 6 to 7, wherein the CSI-RS report indicates at least one of:

an index of the at least one CSI-RS, and a sequence number corresponding to at least one transmission of L transmissions in one period for the index of the at least one CSI-RS; or  
at least one of amplitude or phase of the at least one CSI-RS.

9. The method according to claim 8, wherein the amplitude comprises at least one of a broadband amplitude or a narrowband amplitude;

wherein the amplitude comprises an amplitude corresponding to the at least one transmission of the L transmissions of the at least one CSI-RS in one period.

10. The method according to claim 9, wherein the phase comprises at least one of a broadband phase or a narrowband phase;

wherein the phase comprises a phase corresponding to the at least one transmission of the L transmissions of the at least one CSI-RS in one period.

11. A terminal, comprising:

a transmitting module, configured to transmit a channel state information (CSI) report, wherein the CSI report comprises CSI corresponding to at least one transmission occasion of at least two channel state information reference signal (CSI-RS) transmission occasions in one period, wherein the at least two CSI-RS transmission occasions correspond to at least one CSI-RS with at least one index; and

a receiving module, configured to receive CSI-RS configuration information, wherein the CSI-RS configuration information indicates at least one CSI-RS resource;

wherein the CSI report comprises CSI obtained by measuring based on the at least one CSI-RS resource.

12. The terminal according to claim 11, wherein the CSI-RS configuration information carries at least one of:

a state of repetition corresponding to the at least one CSI-RS, wherein the state comprises an

on state or an off state;

a number L of transmissions of the at least one CSI-RS in one period, where L is an integer greater than 1;

an interval T between two transmissions of the at least one CSI-RS in one period;

a muting pattern of the at least one CSI-RS in one period;

a period of the at least one CSI-RS;

a slot offset of the at least one CSI-RS;

a symbol position occupied by the at least one CSI-RS;

a frequency domain resource position of the at least one CSI-RS;

a number of ports of the at least one CSI-RS;

a density of the at least one CSI-RS; or

quasi co-location (QCL) information of the at least one CSI-RS.

13. The terminal according to any one of claims 11 to 12, wherein the CSI-RS report indicates at least one of:

an index of the at least one CSI-RS, and a sequence number corresponding to at least one transmission of L transmissions in one period for the index of the at least one CSI-RS; or

at least one of amplitude or phase of the at least one CSI-RS.

14. The terminal according to claim 13, wherein the amplitude comprises at least one of a broadband amplitude or a narrowband amplitude;

wherein the amplitude comprises an amplitude corresponding to the at least one transmission of the L transmissions of the at least one CSI-RS in one period.

15. The terminal according to claim 13, wherein the phase comprises at least one of a broadband phase or a narrowband phase;

wherein the phase comprises a phase corresponding to the at least one transmission of the L transmissions of the at least one CSI-RS in one period.

16. A network device, comprising:

a receiving module, configured to receive a channel state information (CSI) report, wherein the CSI report comprises CSI corresponding to at least one transmission occasion of at least two channel state information reference signal (CSI-RS) transmission occasions in one period, wherein the at least two CSI-RS transmission occasions correspond to at least one CSI-RS with at least one

index; and

a transmitting module, configured to transmit CSI-RS configuration information, wherein the CSI-RS configuration information indicates at least one CSI-RS resource;

wherein the CSI report comprises CSI obtained by measuring based on the at least one CSI-RS resource.

17. A computer-readable storage medium, having a computer program stored thereon, wherein the computer program is executed by a processor, to implement the method for transmitting the CSI report as described in any one of claims 1 to 5, or the method for receiving the CSI report as described in any one of claims 6 to 10.