

WHAT IS CLAIMED IS:

1. A coordination cell beam measurement method, performed by a user equipment (UE), comprising:

receiving indication information sent by a network device, wherein the indication information
5 comprises a first transmission power of a coordination cell;

performing a beam measurement on the coordination cell;

obtaining a first beam measurement result of the coordination cell according to the first
transmission power;

determining a beam measurement reference signal resource of the coordination cell, and
10 obtaining a second beam measurement result of the coordination cell according to the beam
measurement reference signal resource of the coordination cell; and

sending a beam measurement result to the network device, wherein the beam measurement
result comprises at least one of: the first beam measurement result, or the second beam measurement
result;

15 wherein the beam measurement result further comprises a beam measurement result of a
serving cell, the beam measurement result is reported by at least one group, and each group in the at
least one group corresponds to at least one of:

a physical cell identifier (PCI);

a control resource set pool index (CORESETPoolIndex).

20 2. The method of claim 1, wherein the first beam measurement result is obtained according to
the second beam measurement result and the first transmission power.

3. The method of claim 1, wherein the beam measurement result of the serving cell comprises
at least one of a third beam measurement result of the serving cell or a fourth beam measurement
result of the serving cell.

25 4. The method of claim 3, further comprising:

determining a beam measurement reference signal resource of the serving cell; and

performing a beam measurement according to the beam measurement reference signal resource
of the serving cell to obtain the third beam measurement result of the serving cell.

5. The method of claim 3, further comprising:

30 receiving transmission power information of the serving cell; and

obtaining the fourth beam measurement result of the serving cell according to the third beam
measurement result of the serving cell and the transmission power information of the serving cell.

6. The method of claim 1, wherein a manner for reporting the beam measurement result
comprises at least one of:

35 periodic reporting;

non-periodic reporting; or

semi-persistent reporting.

7. The method of claim 1, wherein each group in the at least one group further corresponds to at least one of:

- a beam group identifier (ID);
- 5 a reference signal resource set ID;
- a reference signal resource ID;
- a transmission reception point (TRP) ID; or
- an antenna panel ID.

8. The method of claim 1, wherein beams in the group are beams which can be received by the
10 UE simultaneously, or beams between different groups are beams which can be received by the UE simultaneously.

9. The method of claim 1, wherein sending the beam measurement result to the network device comprises:

15 sending the beam measurement result to the network device, in response to a reporting condition being satisfied.

10. The method of any one of claims 1 to 2, wherein:

the beam measurement result further comprises at least one of:

- a layer 1-reference signal receiving power (L1-RSRP);
- a layer 1-signal to interference plus noise ratio (L1-SINR);
- 20 a correction value of a L1-RSRP based on the first transmission power of the coordination cell;
- a correction value of a L1-SINR based on the first transmission power of the coordination cell;
- a correction value of a L1-RSRP based on an uplink transmission power of the UE; or
- a correction value of a L1-SINR based on an uplink transmission power of the UE.

11. The method of claim 1, wherein the first transmission power of the coordination cell
25 comprises at least one of:

- a transmission power value of the coordination cell; or
- a difference between the transmission power of the coordination cell and a transmission power of a serving cell.

12. The method of claim 9, wherein the reporting condition is:

30 a beam measurement result of the coordination cell being greater than a first threshold.

13. The method of claim 9, wherein the reporting condition is:

sorting the beam measurement results of the coordination cell and the beam measurement results of the serving cell from strong to weak, wherein the beam measurement results of the coordination cell are top N beam measurement results, where N is a positive integer.

14. The method of claim 9, wherein the reporting condition is:

sorting the beam measurement results of the coordination cell from strong to weak, and

reporting top M beam measurement results of the coordination cell, where M is a positive integer.

15. A coordination cell beam measurement method, performed by a network device, comprising:
sending indication information to a user equipment (UE), wherein the indication information comprises a first transmission power of a coordination cell to enable the UE to:

5 obtain a first beam measurement result of the coordination cell according to the first transmission power; determine a beam measurement reference signal resource of the coordination cell; obtain a second beam measurement result of the coordination cell according to the beam measurement reference signal resource of the coordination cell; and

10 receiving a beam measurement result sent by the UE, wherein the beam measurement result comprises at least one of: the first beam measurement result, or the second beam measurement result;

wherein the beam measurement result further comprises a beam measurement result of a serving cell, the beam measurement result reported by the UE is received by at least one group, and each group in the at least one group corresponds to at least one of:

a physical cell identifier (PCI);

15 a control resource set pool index (CORESETPoolIndex).

16. A UE equipment, comprising:

a transceiver;

a memory; and

20 a processor connected to the transceiver and the memory, respectively, and configured to control wireless signal transmission and reception of the transceiver and be capable of implementing the coordination cell beam measurement method of any one of claims 1 to 14, or the coordination cell beam measurement method of claim 15 by executing computer-executable instructions on the memory.