CLAIMS

What is claimed is:

1. A method for processing a measurement, performed by a terminal and comprising:

receiving a quasi co-location QCL configuration parameter for measuring a neighboring cell, wherein the neighboring cell is a cell adjacent to a serving cell of the terminal; and

obtaining a measurement result of the neighboring cell based on a measurement result of a first synchronization signal block SSB and a measurement result of a second SSB, wherein the first SSB and the second SSB satisfy a QCL relationship corresponding to the QCL configuration parameter;

wherein the QCL configuration parameter comprises a QCL modulus, and an operation result of index information of the first SSB with respect to the QCL modulus matches an operation result of index information of the second SSB with respect to the QCL modulus.

2. The method according to claim 1, wherein the index information of the first SSB and the index information of the second SSB satisfy the QCL relationship corresponding to the QCL configuration parameter.

3. The method according to claim 1, wherein an operation result of k mod q matches an operation result of j mod q, or an operation result of (k×n/2) mod q matches an operation result of (j×n/2) mod q, wherein

k is the index information of the first SSB, j is the index information of the second SSB, q is the QCL modulus, mod is a remainder function, and n is the number of physical downlink control channels PDCCHs of a preset type in a unit time-domain resource or the number of cell discovery reference signal DRS units in a unit time-domain resource.

4. The method according to claim 3, wherein the QCL configuration parameter further comprises the number of PDCCHs of the preset type in the unit time-domain resource or the number of DRS units in the unit time-domain resource.

5. The method according to any one of claims 1to 4, wherein in a case that the serving cell and the neighboring cell are time synchronized and the terminal has obtained a to-be-measured SSB list, the index information of the first SSB and the index information of the second SSB are determined through time synchronization; or

in a case that the serving cell and the neighboring cell are time synchronized and the terminal has obtained no to-be-measured SSB list, the index information of the first SSB and the index information of the second SSB are determined based on locations of the first SSB and the second SSB, where the locations are obtained through measurement; or

in a case that the serving cell and the neighboring cell are not time synchronized and the terminal has obtained a to-be-measured SSB list, the index information of the first SSB is determined based on a physical broadcast channel PBCH demodulation reference signal DMRS of the first SSB, and the index information of the second SSB is determined based on a PBCH DMRS of the second SSB; or

in a case that the serving cell and the neighboring cell are not time synchronized and the terminal has obtained no to-be-measured SSB list, the index information of the first SSB and the index information of the second SSB are determined based on a PBCH DMRS of the first SSB, a PBCH DMRS of the second SSB, and an index difference, wherein the index difference is an index difference that is determined based on locations of the first SSB and the second SSB, wherein the locations are obtained through measurement by the terminal.

6. The method according to claim 5, wherein the index information of the first SSB comprises an index of the first SSB or partial information of the index of the first SSB; and/or

the index information of the second SSB comprises an index of the second SSB or partial information of the index of the second SSB.

7. The method according to claim 5, wherein in a case that the terminal has obtained the to-be-measured SSB list,

the obtaining a measurement result of the neighboring cell based on a measurement result of a first SSB and a measurement result of a second SSB comprises:

obtaining the measurement result of the neighboring cell based on the measurement result of the first SSB and the measurement result of the second SSB under the condition that it is determined based on the QCL configuration parameter that in the to-be-measured SSB list there is a second SSB that satisfies the QCL relationship with the first SSB; and

after the receiving a QCL configuration parameter, the method further comprises:

discarding the measurement result of the first SSB under the condition that it is determined based on the QCL configuration parameter that in the to-be-measured SSB list there is no second SSB that satisfies the QCL relationship with the first SSB.

8. The method according to any one of claims 1 to 4, wherein the receiving a QCL configuration parameter for measuring a neighboring cell comprises:

receiving a system information block SIB or a radio resource control RRC message, wherein the SIB or the RRC message carries the QCL configuration parameter for measuring a neighboring cell.

9. The method according to any one of claims 1 to 4, wherein the QCL configuration parameter is configured per cell, or the QCL configuration parameter is configured per frequency-domain resource.

10. The method according to any one of claims 1 to 4, wherein the obtaining a measurement result of the neighboring cell based on a measurement result of a first SSB and a measurement result of a second SSB comprises:

using the measurement result of the first SSB and the measurement result of the second SSB as samples of a same measurement for reference signal received power RSRP processing, to obtain the measurement result of the neighboring cell.

11. The method according to claim 10, wherein the RSRP processing comprises:

combining and averaging the measurement result of the first SSB and the measurement result of the second SSB.

12. A parameter configuration method, performed by a network device and comprising:

transmitting a QCL configuration parameter for measuring a neighboring cell to a terminal, wherein the neighboring cell is a cell adjacent to a serving cell of the terminal, to cause the terminal to obtain a measurement result of the neighboring cell based on a measurement result of a first synchronization signal block, SSB, and a measurement result of a second SSB;

wherein the QCL configuration parameter comprises a QCL modulus, and an operation result of index information of the first SSB with respect to the QCL modulus matches an operation result of index information of the second SSB with respect to the QCL modulus.

13. The method according to claim 12, wherein the transmitting a QCL configuration parameter for measuring a neighboring cell to a terminal comprises:

transmitting a SIB or an RRC message to the terminal, wherein the SIB or the RRC message carries the QCL configuration parameter for measuring a neighboring cell.

14. The method according to claim 12 or 13, wherein the QCL configuration parameter is configured per cell, or the QCL configuration parameter is configured per frequency-domain resource.

15. A terminal, comprising:

a receiving module, configured to receive a QCL configuration parameter for measuring a neighboring cell, wherein the neighboring cell is a cell adjacent to a serving cell of the terminal; and

a processing module, configured to obtain a measurement result of the neighboring cell based on a measurement result of a first SSB and a measurement result of a second SSB, wherein the first SSB and the second SSB satisfy a QCL relationship corresponding to the QCL configuration parameter;

wherein the QCL configuration parameter comprises a QCL modulus, and an operation result of index information of the first SSB with respect to the QCL modulus matches an operation result of index information of the second SSB with respect to the QCL modulus.

16. A network device, comprising:

a transmitting module, configured to transmit a QCL configuration parameter for measuring a neighboring cell to a terminal, wherein the neighboring cell is a cell adjacent to a serving cell of the terminal, to cause the terminal to obtain a measurement result of the neighboring cell based on a measurement result of a first synchronization signal block, SSB, and a measurement result of a second SSB;

wherein the QCL configuration parameter comprises a QCL modulus, and an operation result of index information of the first SSB with respect to the QCL modulus matches an operation result of index information of the second SSB with respect to the QCL modulus.

17. A terminal, comprising a memory, a processor, and a program stored in the memory and capable of running on the processor, wherein when the program is executed by the processor, the steps of the method for processing a measurement according to any one of claims 1 to 11 are implemented.

18. A network device, comprising a memory, a processor, and a program stored in the memory and capable of running on the processor, wherein when the program is executed by the processor, the steps of the parameter configuration method according to any one of claims 12 to 14 are implemented.

19. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is executed by a processor, the steps of the method for processing a measurement according to any one of claims 1 to 11 are implemented; or when the computer program is executed by a processor, the steps of the parameter configuration method according to any one of claims 12 to 14 are implemented.