CLAIMS

WHAT IS CLAIMED IS:

1. A parameter configuration method, performed by a terminal, comprising:

receiving first indication information, wherein the first indication information is configured to instruct the terminal to preconfigure a positioning reference signal (PRS) configuration parameter set, wherein the PRS configuration parameter set comprises at least one set of PRS configuration parameters, and each set of PRS configuration parameters corresponds to PRS configuration parameters of a plurality of different wireless network devices; and

receiving second indication information, wherein the second indication information is configured to instruct the terminal to determine a set of PRS configuration parameters for receiving a PRS based on the PRS configuration parameter set, wherein determining the set of PRS configuration parameters comprises determining one set of PRS configuration parameters from the at least one set of PRS configuration parameters comprised in the PRS configuration parameter set,

wherein the first indication information is determined based on a long term evolution (LTE) positioning protocol (LPP) message sent by a location management function (LMF), and

the second indication information is determined based on an LPP message sent by the LMF.

2. The method according to claim 1, wherein the second indication information at least comprises one of:

a first indicator, configured to instruct the terminal to activate the set of PRS configuration parameters; or

a second indicator, configured to instruct the terminal to receive the PRS.

3. The method according to claim 1 or 2, further comprising:

performing measurement on the PRS based on the set of PRS configuration parameters, and sending a PRS measurement result to a wireless network device and/or the LMF.

4. A parameter configuration method, performed by a core network device, comprising:

determining a positioning reference signal (PRS) configuration parameter set

preconfigured for a terminal, wherein the PRS configuration parameter set comprises at least one set of PRS configuration parameters, and each set of PRS configuration parameters corresponds to PRS configuration parameters of a plurality of different wireless network devices;

sending first indication information, wherein the first indication information is configured to instruct the terminal to preconfigure the PRS configuration parameter set; and

sending second indication information, wherein the second indication information is configured to instruct the terminal to determine a set of PRS configuration parameters based on the PRS configuration parameter set, wherein the set of PRS configuration parameters is determined through the terminal by determining one set of PRS configuration parameters from the at least one set of PRS configuration parameters comprised in the PRS configuration parameter set,

wherein the first indication information is determined based on a long term evolution (LTE) positioning protocol (LPP) message by a location management function (LMF), and

wherein the second indication information is determined based on an LPP message sent by the LMF.

5. The method according to claim 4, wherein the second indication information at least comprises one of:

a first indicator, configured to instruct the terminal to activate the set of PRS configuration parameters; or

a second indicator, configured to instruct the terminal to receive the PRS.

6. The method according to claim 4 or 5, further comprising:

sending third indication information, wherein the third indication information is configured to instruct a wireless network device to determine the set of PRS configuration parameters based on the PRS configuration parameter set.

7. The method according to claim 6, wherein the third indication information is further configured to instruct the wireless network device to send a PRS based on the set of PRS configuration parameters.

8. The method according to any one of claims 4-7, further comprising:

receiving a PRS measurement result sent by the terminal and/or a wireless network

device.

9. A parameter configuration method, performed by a wireless network device, comprising:

determining first indication information, wherein the first indication information is configured to instruct a terminal to preconfigure a PRS configuration parameter set, wherein the PRS configuration parameter set comprises at least one set of PRS configuration parameters, and each set of PRS configuration parameters corresponds to PRS configuration parameters of multiple different wireless network devices;

sending the first indication information;

determining second indication information, wherein the second indication information is configured to instruct the terminal to determine a set of PRS configuration parameters based on the PRS configuration parameter set, wherein the set of PRS configuration parameters is determined through the terminal by determining one set of PRS configuration parameters from the at least one set of PRS configuration parameters comprised in the PRS configuration parameter set; and

sending the second indication message,

wherein the first indication information is determined based on a long term evolution (LTE) positioning protocol (LPP) message sent by a location management function (LMF), and

the second indication information is determined based on an LPP message sent by the LMF.

10. The method according to claim 9, further comprising:

receiving third indication information, and determining the preconfigured PRS configuration parameter set based on the third indication information.

11. The method according to claim 9 or 10, further comprising:

receiving fourth indication information, wherein the fourth indication information is configured to instruct to determine the set of PRS configuration parameters based on the PRS configuration parameter set.

12. The method according to claim 11, wherein the fourth indication information is further configured to instruct the wireless network device to send a PRS based on the set of

PRS configuration parameters.

13. A parameter configuration apparatus, comprising:

a processor;

a memory, configured to store instructions executable by the processor;

wherein, the processor is configured to perform the parameter configuration method according to any one of claims 1-3, or perform the parameter configuration method according to any one of claims 4-8, or perform the parameter configuration method according to any one of claims 9-12.