WHAT IS CLAIMED IS:

1. A method for resource configuration, performed by a user equipment (UE), the method comprising:

determining physical random access channel (PRACH) resources based on a number of antennas of the UE and a channel measurement result.

2. The method according to claim 1, wherein determining PRACH resources based on the number of antennas of the UE and the channel measurement result comprises:

determining to use one antenna for channel measurement; and

determining the PRACH resources based on a channel measurement result obtained by the channel measurement.

3. The method according to claim 1 or 2, wherein determining PRACH resources based on the number of antennas of the UE and the channel measurement result comprises:

determining a ~~corresponding~~ channel measurement result threshold ~~range~~ based on a number of antennas for channel measurement; and

determining the PRACH resources from a PRACH resource set corresponding to the channel measurement result threshold ~~range~~ where a measured channel measurement result is located, wherein one PRACH resource set comprises at least one PRACH resource.

4. The method according to claim 3, wherein channel measurement result threshold ~~range~~s corresponding to a same PRACH resource set are different for different numbers of antennas.

5. The method according to claim 3, wherein channel measurement result threshold ~~range~~s corresponding to different numbers of antennas are the same, and the same channel measurement result threshold ~~range~~ corresponding to the different numbers of antennas corresponds to different PRACH resource sets.

6. The method according to claim 3, wherein channel measurement result threshold ~~range~~s corresponding to different numbers of antennas are different, and the different channel measurement result threshold ~~range~~s corresponding to the different numbers of antennas correspond to different PRACH resource sets.

7. The method according to claim 1 or 2, wherein the channel measurement result comprises a reference signal received power (RSRP) value.

8. A~~n apparatus for resource configuration~~ user equipment (UE), comprising:

a processor; and

a memory for storing programs executable by the processor;

wherein the processor is ~~a determination module,~~ configured to determine physical random access channel (PRACH) resources based on a number of antennas of ~~a user equipment~~

(the UE) and a channel measurement result.

9. The apparatus UE according to claim 8, wherein the processordetermination module is specifically configured to:

determine to use one antenna for channel measurement; and

determine the PRACH resources based on a channel measurement result obtained by the channel measurement.

10. The UE apparatus according to claim 8 or 9, wherein the processor determination module is specifically configured to:

determine a corresponding channel measurement result threshold range based on a number of antennas for channel measurement; and

determine the PRACH resources from a PRACH resource set corresponding to the channel measurement result threshold range where a measured channel measurement result is located, wherein one PRACH resource set comprises at least one PRACH resource.

11. The UE apparatus according to claim 10, wherein channel measurement result threshold ranges corresponding to a same PRACH resource set are different for different numbers of antennas.

12. The UE apparatus according to claim 10, wherein channel measurement result threshold ranges corresponding to different numbers of antennas are the same, and the same channel measurement result threshold range corresponding to the different numbers of antennas corresponds to different PRACH resource sets.

13. The UE apparatus according to claim 10, wherein channel measurement result threshold ranges corresponding to different numbers of antennas are different, and the different channel measurement result threshold ranges corresponding to the different numbers of antennas correspond to different PRACH resource sets.

14. The UE apparatus according to claim 8 or 9, wherein the channel measurement result comprises a reference signal received power (RSRP) value.

15. A communication device, comprising: a processor; and a memory for storing executable programs that may be executed by the processor, wherein when the executable programs are executed by the processor, steps of the method for resource configuration according to any one of claims 1 to 7 is implemented.

1615. A non-transitory computer-readable storage medium storing instructions, wherein when the instructions are executed, the method according to any one of claims 1 to 7 is implemented.