CLAIMS

1. A communication apparatus, comprising:
a receiver, which, in operation, receives control information relating to a repetition of a physical random access channel (PRACH), and
a transmitter, which is operation, transmits the repetition of PRACH based on the control information.

2. The communication apparatus of claim 1, wherein a number of the repetition of the PRACH is determined based on Reference Signal Receive Power (RSRP) threshold.

3. The communication apparatus of claim 1, wherein a first number of the repetition of the PRACH used for a first Reference Signal Receive Power (RSPR) is smaller than a second number of the repetition of the PRACH used for a second RSPR, which is smaller than the first RSRP.

4. The communication apparatus of claim 1, wherein the repetition of PRACH is transmitted over multiple slots, a number of the repetitions of PRACH in each of the multiple slots being same.

5. The communication apparatus of claim 1, wherein the repetition of PRACH is transmitted over multiple slots, a starting position of the repetitions of PRACH in each of the multiple slots being a same symbol index.

6. The communication apparatus of claim 1, wherein the repetition of PRACH is transmitted on a set of PRACH occasions (ROs) using same frequency resources.

7. The communication apparatus of claim 6, wherein the set of PRACH occasions (ROs) and another set of ROs are assigned in different frequency resources.

8. A communication method, comprising:
receiving control information relating to a repetition of a physical random access channel (PRACH), and
transmitting the repetition of PRACH based on the control information.

9. A base station, comprising:

a transmitter, which in operation, transmits control information relating to a repetition of a physical random access channel (PRACH), and
a receiver, which in operation, receives the repetition of PRACH based on the control information.

10. The base station of claim 9, wherein a number of the repetition of the PRACH is determined based on Reference Signal Receive Power (RSRP) threshold.

11. The base station of claim 9, wherein a first number of the repetition of the PRACH used for a first Reference Signal Receive Power (RSPR) is smaller than a second number of the repetition of the PRACH used for a second RSPR, which is smaller than the first RSRP.

12. The base station of claim 9, wherein the repetition of PRACH is received over multiple slots, a number of the repetition of PRACH in each of the multiple slots being same.

13. The base station of claim 9, wherein the repetition of PRACH is received over multiple slots, a starting position of the repetition of PRACH in each of the multiple slots being a same symbol index.

14. The base station of claim 9, wherein the repetition of PRACH is received on a set of PRACH occasions (ROs) using same frequency resources.

15. The base station tus of claim 14, wherein the set of PRACH occasions (ROs) and another set of ROs are assigned in different frequency resources.

16. A communication method, comprising:
transmitting control information relating to a repetition of a physical random access channel (PRACH), and
receiving the repetition of PRACH based on the control information.

17. An integrated circuit, comprising:
reception circuitry, which in operation, controls a reception of control information relating to a repetition of a physical random access channel (PRACH), and
transmission circuitry , which in operation, controls a reception of the repetition of PRACH based on the control information.

18. An integrated circuit, comprising:

transmission circuitry, which in operation, controls a transmission of control information relating to a repetition of a physical random access channel (PRACH), and

reception circuitry , which in operation, controls a reception of the repetition of PRACH based on the control information.