

CLAIMS

1. A method for wireless communication performed by a user equipment (UE), comprising:
receiving a measurement configuration and an associated applicable condition; and
applying the measurement configuration when the associated applicable condition is met.
2. The method of claim 1, wherein
the measurement configuration is implemented by a bitmap to indicate one or more SSBs on which to perform measurement.
3. The method of claim 1, wherein
the measurement configuration is implemented by an SSB measurement timing configuration (SMTC).
4. The method of claim 1, wherein
the measurement configuration is implemented by a predetermined threshold for consolidation of L1 measurements per RS index.
5. The method of claim 1, wherein
the measurement configuration is implemented by a number of SS blocks to average for cell measurement derivation.
6. The method of claim 1, wherein
the measurement configuration is applied in an RRC CONNECTED mode to perform measurement on a serving and/or neighbor cell.
7. The method of claim 1, wherein
the measurement configuration is configured by System Information received from a base station and applied in an RRC IDLE and RRC INACTIVE modes to perform

measurements for cell selection or reselection.

8. The method of claim 1, wherein
the associated applicable condition comprises:

whether an altitude of the UE exceeds a first predetermined threshold and is less than a second predetermined threshold.

9. A device for wireless communication comprising:
one or more processors; and
a memory in communication with the one or more processors, the memory storing a plurality of instructions executable by the one or more processors to cause the device to:
receive a measurement configuration and an associated applicable condition;
and
apply the measurement configuration when the associated applicable condition is met.

10. The device of claim 9, wherein
the measurement configuration is implemented by a bitmap to indicate one or more SSBs on which to perform measurement.

11. The device of claim 9, wherein
the measurement configuration is implemented by an SSB measurement timing configuration (SMTC).

12. The device of claim 9, wherein
the measurement configuration is implemented by a predetermined threshold for consolidation of L1 measurements per RS index.

13. The device of claim 9, wherein

the measurement configuration is implemented by a number of SS blocks to average for cell measurement derivation.

14. The device of claim 9, wherein
the measurement configuration is applied in an RRC CONNECTED mode to perform measurement on a serving and/or neighbor cell.

15. The device of claim 9, wherein
the measurement configuration is configured by System Information received from a base station and applied in an RRC IDLE and RRC INACTIVE modes to perform measurements for cell selection or reselection.

16. The device of claim 9, wherein
the associated applicable condition comprises:
whether an altitude of the UE exceeds a first predetermined threshold and is less than a second predetermined threshold.

17. A non-transitory computer-readable medium storing a plurality of instructions executable by one or more processors, and when executed, the plurality of instructions is configured to cause the one or more processors to:

receive a measurement configuration and an associated applicable condition; and
apply the measurement configuration when the associated applicable condition is met.

18. The non-transitory computer-readable medium of claim 17, wherein
the measurement configuration is implemented by a bitmap to indicate one or more SSBs on which to perform measurement.

19. The non-transitory computer-readable medium of claim 17, wherein

the measurement configuration is implemented by an SSB measurement timing configuration (SMTC).

20. The non-transitory computer-readable medium of claim 17, wherein the associated applicable condition comprises:

whether an altitude of the UE exceeds a first predetermined threshold and is less than a second predetermined threshold.