

WHAT IS CLAIMED IS:

1. A terminal device, comprising:

at least one processor; and

a memory coupled to the at least one processor, the memory storing instructions therein, the instructions, when executed by the at least one processor, causing the terminal device at least to:

receive, from a network device, a first configuration indicating at least a first set of time slots for an intra-frequency measurement;

receive, from the network device, a second configuration indicating at least a second set of time slots for a measurement gap;

in response to the first and second sets of time slots being partially overlapped, use one or more time slots in the first set which do not overlap any time slot in the second set for the intra-frequency measurement.

2. The terminal device of claim 1, wherein the first configuration indicates at least one of:

duration of a measuring window,

a periodicity of the measuring window, and

a beginning position of the measuring window in time slots.

3. The terminal device of claim 1, wherein the second configuration indicates at least one of:

duration of the measurement gap,

a periodicity of the measurement gap, and

a beginning position of the measurement gap in time slots.

4. The terminal device of claim 1, wherein the first configuration is received via radio resource control (RRC) signaling.

5. The terminal device of claim 1, wherein the second configuration is received via radio resource control (RRC) signaling.

6. The terminal device of claim 1 being caused further to:

determine the one or more time slots based on resource control information signaled from the network device for the intra-frequency measurement.

7. The terminal device of claim 6 being caused further to:

receive the resource control information together with the first configuration or the second configuration.

8. A method implemented at a terminal device for communication, comprising:

receiving, from a network device, a first configuration indicating at least a first set of time slots for an intra-frequency measurement;

receiving, from the network device, a second configuration indicating at least a second set of time slots for a measurement gap;

in response to the first and second sets of time slots being partially overlapped, using one or more time slots in the first set which do not overlap any time slot in the second set for the intra-frequency measurement.

9. The method of claim 8, wherein the first configuration indicates at least one of:

duration of a measuring window,

a periodicity of the measuring window, and

a beginning position of the measuring window in time slots.

10. The method of claim 8, wherein the second configuration indicates at least one of:

duration of the measurement gap,

a periodicity of the measurement gap, and

a beginning position of the measurement gap in time slots.

11. The method of claim 8, wherein the first configuration is received via radio resource control (RRC) signaling.

12. The method of claim 8, wherein the second configuration is received via radio resource control (RRC) signaling.

13. The method of claim 8, further comprising:

determining the one or more time slots based on resource control information signaled from the network device for the intra-frequency measurement.

14. The method of claim 13 further comprising:

receiving the resource control information together with the first configuration or the second configuration.

15. A computer readable medium storing instructions thereon, the instructions, when executed by at least one processing unit of a machine, causing the machine to perform the method according to any one of claims 8-14.