WHAT IS CLAIMED IS:

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

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

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

in response to the first and second sets of time slots being partially overlapped, determining one or more slots from the first set of time slots for the intra-frequency measurement of the terminal device based on resource control information for sharing overlapped time slots between the intra-frequency measurement and the measurement gap.

2. The method of claim 1, wherein the first configuration indicates a measuring window for the intra-frequency measurement, the information including at least one of:

duration of the measuring window,

a periodicity of the measuring window, and

a beginning position of the measuring window in time slots of the terminal device.

3. The method 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 of the terminal device.

4. The method of claim 1, wherein the resource control information comprises at least one of:

the number of frequencies at which the intra-frequency measurement is performed,

the number of frequencies at which an inter-frequency measurement is performed,

an overlapping ratio between the first set of time slots and the second set of time slots,

a value for sharing the overlapped time slots between the first set of time slots and the second time slots, and

information regarding whether the intra-frequency measurement is performed without interrupting data scheduling.

5. The method of claim 4, wherein determining the one or more slots comprises:

determining a parameter for sharing the overlapped time slots based on the resource control information; and

determining the one or more time slots based on the parameter.

6. The method of claim 1, wherein determining the one or more time slots comprises:

in response to the resource control information is free of a parameter for sharing the overlapped time slots, choosing the one or more time slots non-overlapped with the second set of time slots.

7. The method of claim 1, wherein receiving the second configuration comprises:

receiving the second configuration together with the resource control information.

8. The method of claim 1, wherein at least one of the first configuration, the second configuration and the resource control information is received via a radio resource control (RRC) signaling.

9. A method implemented at a network device for communication, comprising:

transmitting, to a terminal device, a first configuration at least indicating first set of time slots for an intra-frequency measurement of the terminal device;

transmitting, to the terminal device, a second configuration at least indicating a second set of time slots for a measurement gap of the terminal device; and

transmitting, to the terminal device, resource control information for sharing overlapped time slots between the intra-frequency measurement and the measurement gap.

10. The method of claim 9, wherein the first configuration indicates a measuring window for the intra-frequency measurement, the information including at least one of:

duration of the measuring window,

a periodicity of the measuring window, and

a beginning position of the measuring window in time slots of the terminal device.

11. The method of claim 9, 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 of the terminal device.

12. The method of claim 9, wherein the resource control information comprises at least one of:

the number of frequencies at which the intra-frequency measurement is performed,

the number of frequencies at which an inter-frequency measurement is performed,

an overlapping ratio between the first set of time slots and the second set of time slots,

a value for sharing the overlapped time slots between the first set of time slots and the second time slots, and

information regarding whether the intra-frequency measurement is performed without interrupting data scheduling.

13. The method of claim 12, wherein the resource control information includes a parameter for sharing the overlapped time slots.

14. The method of claim 9, wherein transmitting the second configuration comprise:

transmitting the second configuration together with the resource control information.

15. The method of claim 9, wherein at least one of the first configuration, the second configuration and the resource control information is transmitted via a radio resource control (RRC) signaling.

16. 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 network device to perform acts including:

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

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

in response to the first and second sets of time slots being partially overlapped, determining one or more slots from the first set of time slots for the intra-frequency measurement of the terminal device based on resource control information for sharing overlapped time slots between the intra-frequency measurement and the measurement gap.

17. The terminal device of claim 16, wherein the first configuration indicates a measuring window for the intra-frequency measurement, the information including at least one of:

duration of the measuring window,

a periodicity of the measuring window, and

a beginning position of the measuring window in time slots of the terminal device.

18. The terminal device of claim 16, 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 of the terminal device.

19. The terminal device of claim 1, wherein the resource control information comprises at least one of:

the number of frequencies at which the intra-frequency measurement is performed,

the number of frequencies at which an inter-frequency measurement is performed,

an overlapping ratio between the first set of time slots and the second set of time slots,

a value for sharing the overlapped time slots between the first set of time slots and the second time slots, and

information regarding whether the intra-frequency measurement is performed without interrupting data scheduling.

20. The terminal device of claim 19, wherein determining the one or more slots comprises:

determining a parameter for sharing the overlapped time slots based on the resource control information; and

determining the one or more time slots based on the parameter.

21. The terminal device of claim 16, wherein determining the one or more time slots comprises:

in response to the resource control information is free of a parameter for sharing the overlapped time slots, choosing the one or more time slots non-overlapped with the second set of time slots.

22. The terminal device of claim 16, wherein receiving the second configuration comprises:

receiving the second configuration together with the resource control information.

23. The terminal device of claim 16, wherein at least one of the first configuration, the second configuration and the resource control information is received via a radio resource control (RRC) signaling.

24. A network 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 to perform acts including:

transmitting, to a terminal device, a first configuration at least indicating first set of time slots for an intra-frequency measurement of the terminal device;

transmitting, to the terminal device, a second configuration at least indicating a second set of time slots for a measurement gap of the terminal device; and

transmitting, to the terminal device, resource control information for sharing overlapped time slots between the intra-frequency measurement and the measurement gap.

25. The network device of claim 24, wherein the first configuration indicates a measuring window for the intra-frequency measurement, the information including at least one of:

duration of the measuring window,

a periodicity of the measuring window, and

a beginning position of the measuring window in time slots of the terminal device.

26. The network device of claim 24, wherein the second configuration indicates at least one of:

a duration of the measurement gap,

a periodicity of the measurement gap, and

a beginning position of the measurement gap in time slots of the terminal device.

27. The network device of claim 24, wherein the parameter comprises at least one of:

the number of frequencies at which the intra-frequency measurement is performed,

the number of frequencies at which an inter-frequency measurement is performed,

an overlapping ratio between the first set of time slots and the second set of time slots,

a value for sharing the overlapped time slots between the first set of time slots and the second time slots, and

information regarding whether the intra-frequency measurement is performed without interrupting data scheduling.

28. The network device of claim 27, wherein the resource control information includes a parameter for sharing the overlapped time slots.

29. The network device of claim 24, wherein transmitting the second configuration comprise:

transmitting the second configuration together with the resource control information.

30. The network device of claim 24, wherein at least one of the first configuration, the second configuration and the resource control information is transmitted via a radio resource control (RRC) signaling.

31. 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 1-8.

32. 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 9-15.