

What is claimed is:

1. A wireless communications method, comprising:

receiving, by a terminal, first information sent by a network device, wherein the first information is used to instruct the terminal to switch an uplink transmit antenna; and

5 determining, by the terminal in response to the first information, whether to switch the uplink transmit antenna;

wherein determining, by the terminal, whether to switch the uplink transmit antenna comprises:

determining, by the terminal, according to at least one of following, whether to switch
10 the uplink transmit antenna: a time interval threshold for switching the uplink transmit antenna, a basic parameter set used when the terminal uses the uplink transmit antenna to send a signal, or a configuration of a slot or a mini slot;

wherein determining, by the terminal, according to at least one of the following, whether to switch the uplink transmit antenna comprises:

15 determining, according to a subcarrier spacing and/or a symbol length comprised in the basic parameter set, whether to switch the uplink transmit antenna; or

when a first time length is greater than or equal to the time interval threshold, determining to switch the uplink transmit antenna; or

when the first time length is less than the time interval threshold, determining not to
20 switch the uplink transmit antenna, wherein the first time length is equal to a time length before a switching time node, a time length after a switching time node or a sum of time lengths before and after a switching time node.

2. A network device, comprising a processing unit and a communications unit, wherein

25 the processing unit is configured to determine at least one of following: a time interval threshold for switching an uplink transmit antenna by a terminal, a basic parameter set used

when the terminal uses the uplink transmit antenna to send a signal, or a configuration of a slot or a mini slot; and

the communications unit is configured to, according to determined information, send first information to instruct the terminal to switch or not to switch the uplink transmit
5 antenna;

wherein the communications unit is further configured to:

send the first information according to a subcarrier spacing and/or a symbol length comprised in the basic parameter set; or,

when a length of the slot or mini slot is greater than or equal to a third threshold, send
10 the first information, wherein the first information is used to instruct to switch the uplink transmit antenna; or,

when the length of the slot or mini slot is less than a third threshold, send the first information, wherein the first information is used to instruct not to switch the uplink transmit antenna; or,

15 select the time interval threshold from a time interval threshold set.

3. The device according to claim 2, wherein the processing unit is further configured to:

select the time interval threshold from the time interval threshold set according to the basic parameter set used when the terminal uses the uplink transmit antenna to send the
20 signal.

4. A terminal, comprising a communications unit and a processing unit, wherein

the communications unit is configured to receive first information sent by a network device, wherein the first information is used to instruct the terminal to switch an uplink transmit antenna; and

25 the processing unit is configured to: determine, in response to the first information, whether to switch the uplink transmit antenna;

wherein the processing unit is further configured to:

determine, according to at least one of following, whether to switch the uplink transmit antenna: a time interval threshold for switching the uplink transmit antenna, a basic parameter set used when the terminal uses the uplink transmit antenna to send a signal,
 5 or a configuration of a slot or a mini slot;

wherein determining, by the terminal, according to at least one of the following, whether to switch the uplink transmit antenna comprises:

determining, according to a subcarrier spacing and/or a symbol length comprised in the basic parameter set, whether to switch the uplink transmit antenna; or

10 when a first time length is greater than or equal to the time interval threshold, determining to switch the uplink transmit antenna; or

when the first time length is less than the time interval threshold, determining not to switch the uplink transmit antenna, wherein the first time length is equal to a time length before a switching time node, a time length after a switching time node or a sum of time
 15 lengths before and after a switching time node.

5. A wireless communications method, comprising:

determining, by a network device, at least one of following: a time interval threshold for switching an uplink transmit antenna by a terminal, a basic parameter set used when the terminal uses the uplink transmit antenna to send a signal, or a configuration of a slot or a
 20 mini slot;

sending, by the network device according to determined information, first information to instruct the terminal to switch or not to switch the uplink transmit antenna;

wherein sending, by the network device according to determined information, the first information comprises:

25 sending the first information according to a subcarrier spacing and/or a symbol length comprised in the basic parameter set; or,

when a length of the slot or mini slot is greater than or equal to a third threshold,

sending the first information, wherein the first information is used to instruct to switch the uplink transmit antenna; or,

when the length of the slot or mini slot is less than a third threshold, sending the first information, wherein the first information is used to instruct not to switch the uplink transmit antenna; or,

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selecting the time interval threshold from a time interval threshold set.

6. The method according to claim 5, wherein selecting the time interval threshold from the time interval threshold set comprises:

selecting the time interval threshold from the time interval threshold set according to the basic parameter set used when the terminal uses the uplink transmit antenna to send the signal.

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