

What is claim is:

1. A wireless communication method, comprising:

5 determining a target uplink channel based on an overlapping situation of at least two uplink channels to be transmitted, wherein the at least two uplink channels to be transmitted are respectively used for transmitting part or all of information carried by the at least two types of uplink channels, and the at least two types of uplink channels are overlapped, and the at least two uplink channels to be transmitted are multiplexing channels of the at least two types of uplink channels respectively; and

10 transmitting the target uplink channel, wherein the target uplink channel is used for transmitting part or all of information carried by the at least two uplink channels to be transmitted.

2. The method of claim 1, wherein priorities of the at least two types of uplink channels are different.

15 3. The method of claim 1, wherein if the at least two uplink channels to be transmitted are overlapped, the target uplink channel only comprises one uplink channel.

4. The method of claim 3, wherein determining the target uplink channel comprises:

determining a first uplink channel to be transmitted in the at least two uplink channels to be transmitted as the target uplink channel, wherein the first uplink channel to be transmitted is an uplink channel with a highest priority in the at least two uplink channels to be transmitted.

20 5. The method of claim 3, wherein determining the target uplink channel comprises:

determining the target uplink channel according to the information carried by the at least two uplink channels to be transmitted.

6. The method of any one of claims 1 to 5, wherein information carried by the target uplink channel comprises:

25 all of information carried by the first uplink channel to be transmitted in the at least two uplink channels to be transmitted; or

part of information carried by uplink channels except the first uplink channel to be transmitted in the at least two uplink channels to be transmitted.

7. The method of claim 6, wherein the information carried by the target uplink channel

only comprises all of the information carried by the first uplink channel to be transmitted.

8. The method of any one of claims 1 to 7, further comprising:

receiving indication information sent by a network device, wherein the indication information is used for indicating the at least two types of uplink channels.

5        9. The method of claim 8, wherein the indication information comprises information for indicating a channel priority and/or a channel type corresponding to each uplink channel in the at least two types of uplink channels.

10       10. The method of any one of claims 1 to 9, wherein a number of the at least two uplink channels to be transmitted is equal to a number of the at least two types of uplink channels, and the at least two uplink channels to be transmitted correspond to the at least two types of uplink channels one by one.

11. A terminal device, comprising:

15       a processing unit, configured to determine a target uplink channel based on an overlapping situation of at least two uplink channels to be transmitted, wherein the at least two uplink channels to be transmitted are respectively used for transmitting part or all of information carried by the at least two types of uplink channels, and the at least two types of uplink channels are overlapped; and

20       a communication unit, configured to transmit the target uplink channel, wherein the target uplink channel is used for transmitting part or all of information carried by the at least two uplink channels to be transmitted, and the at least two uplink channels to be transmitted are multiplexing channels of the at least two types of uplink channels respectively.

12. The terminal device of claim 11, wherein priorities of the at least two types of uplink channels are different.

25       13. The terminal device of claim 11, wherein if the at least two uplink channels to be transmitted are overlapped, the target uplink channel only comprises one uplink channel.

14. The terminal device of claim 13, wherein the processing unit is specifically configured to:

determine a first uplink channel to be transmitted in the at least two uplink channels to be transmitted as the target uplink channel, wherein the first uplink channel to be transmitted is an

uplink channel with a highest priority in the at least two uplink channels to be transmitted.

15. The terminal device of claim 13, wherein the processing unit is specifically configured to:

5 determine the target uplink channel according to the information carried by the at least two uplink channels to be transmitted.

16. The terminal device of any one of claims 11 to 15, wherein information carried by the target uplink signal comprises:

all of information carried by a first uplink channel to be transmitted in the at least two uplink channels to be transmitted; or

10 part of information carried by uplink channels except the first uplink channel to be transmitted in the at least two uplink channels to be transmitted.

17. The terminal device of claim 16, wherein the information carried by the target uplink channel only comprises all of the information carried by the first uplink channel to be transmitted.

15 18. The terminal device of any one of claims 11 to 17, wherein the communication unit is further configured to:

receive indication information sent by a network device, wherein the indication information is used for indicating the at least two types of uplink channels.

20 19. The terminal device of claim 18, wherein the indication information comprises information for indicating a channel priority and/or a channel type corresponding to each uplink channel in the at least two types of uplink channels.

25 20. The terminal device of any one of claims 11 to 19, wherein a number of the at least two uplink channels to be transmitted is equal to a number of the at least two types of uplink channels, and the at least two uplink channels to be transmitted correspond to the at least two types of uplink channels one by one.