

WHAT IS CLAIMED IS:

1. A method for configuring Physical Downlink Control Channel (PDCCH) detection, the method being applied to a terminal device and comprising:

receiving a first indication signal sent from a network side, and obtaining a parameter for PDCCH detection based on the first indication signal; and

detecting a PDCCH based on the parameter for PDCCH detection.

2. The method according to claim 1, wherein the parameter for PDCCH detection is used to indicate that the terminal device detects a specific part of search spaces among all search spaces.

3. The method according to claim 1, wherein the first indication signal comprises a first parameter, and the first parameter corresponds to a first type search space of the terminal device.

4. The method according to claim 1, wherein the first indication signal further comprises a second parameter; the second parameter being used to determine a search space to which the first parameter is applicable.

5. The method according to claim 4, wherein a type of the search space is configured by the network side.

6. The method according to claim 4, wherein the second parameter comprises a search space index value;

wherein the second parameter being used to determine the search space to which the first parameter is applicable, comprises:

the first parameter being corresponding to a search space corresponding to the index value.

7. The method according to any one of claims 1 to 6, further comprising:

receiving a second indication signal sent from the network side and obtaining carrier information and/or BandWidth Part (BWP) information of the PDCCH that needs to be detected.

8. The method according to claim 7, wherein the second indication signal comprises: at least one carrier index, and/or at least one BWP index.

9. The method according to claim 8, wherein the at least one carrier index and/or at least one BWP index comprised in the second indication signal is carrier information and/or BWP information of the PDCCH that the terminal device needs to detect.

10. The method according to any one of claims 1 to 9, further comprising:

receiving a third indication signal sent from the network side, wherein the third indication signal comprises aggregation level information; and
detecting the PDCCH based on the aggregation level information.

11. The method according to any one of claims 1 to 10, wherein the first indication signal is PDCCH.

12. A terminal device, comprising:

a second communication unit configured to receive a first indication signal sent from a network side, and obtain a parameter for PDCCH detection based on the first indication signal; and detect a PDCCH based on the parameter for PDCCH detection.

13. The terminal device according to claim 12, wherein the parameter for PDCCH detection is used to indicate that the terminal device detects a specific part of search spaces among all search spaces.

14. The terminal device according to claim 12, wherein the first indication signal comprises a first parameter, and the first parameter corresponds to a first type search space of the terminal device.

15. The terminal device according to claim 12, wherein the first indication signal further comprises a second parameter; the second parameter being used to determine a search space to which the first parameter is applicable.

16. The terminal device according to claim 15, wherein a type of the search space is configured by the network side.

17. The terminal device according to claim 15, wherein the second parameter comprises a search space index value;

wherein the first parameter is corresponding to a search space corresponding to the index value.

18. The terminal device according to any one of claims 12 to 17, wherein the second communication unit is configured to:

receive a second indication signal sent from the network side and obtain carrier information and/or BWP information of the PDCCH that needs to be detected.

19. The terminal device according to claim 18, wherein the second indication signal comprises: at least one carrier index, and/or at least one BWP index.

20. The terminal device according to claim 19, wherein the at least one carrier index and/or at least one BWP index comprised in the second indication signal is carrier information and/or BWP information of the PDCCH that the terminal device needs to detect.

21. The terminal device according to any one of claims 12 to 20, wherein the second communication unit is configured to:

receive a third indication signal sent from the network side, wherein the third indication signal comprises aggregation level information; and

detect the PDCCH based on the aggregation level information.

22. The terminal device according to any one of claims 12 to 21, wherein the first indication signal is PDCCH.