

CLAIMS

1. A method for configuring resource carried out in a user equipment (UE), comprising:

receiving first information from a network-side, wherein the first information indicates to the UE configurations of bandwidth parts, and the bandwidth parts comprise a first bandwidth part and a second bandwidth part;~~at least one bandwidth part, and the configurations of the at least one bandwidth part comprise subcarrier spacing;~~

activating at a time, the first bandwidth part among the configured bandwidth parts following a time-domain structure, wherein the first bandwidth part is determined as an active bandwidth part~~at least one configured bandwidth part following a time-domain structure, wherein a first bandwidth part of the at least one configured bandwidth part is determined as an active bandwidth part;~~

when a time duration corresponding to the active bandwidth part has elapsed, turning the active bandwidth part to the second bandwidth part of the configured bandwidth parts~~a second bandwidth part of the at least one configured bandwidth part;~~

wherein the configurations of the bandwidth parts comprise the following of each of the bandwidth parts: a subcarrier spacing, a size, a position in frequency-domain, and information of configuration of at least one reference signal~~the time duration for the bandwidth part being active is configured in unit of millisecond and the time duration is determined by using a timer.~~

2. The method of claim 1, wherein the configurations of the ~~at least one~~ bandwidth parts comprise the time-domain structure.

3. The method of claim 1, wherein ~~the configurations of the at least one bandwidth part further comprise at least one of bandwidth part size, position of bandwidth part in frequency domain, time domain duration, and information on configuration of at least one signal~~ the time duration for the bandwidth part being active is configured in unit of millisecond and the time duration is determined by using a timer.

4. The method of claim 1 or 3, wherein activating at least one configured bandwidth part comprises~~the activating of the at least one configured bandwidth part comprises:~~

receiving second information from the network-side, wherein the second information indicates to the UE that at least one bandwidth part to be activated is selected from the ~~at least one~~ bandwidth parts

configured by the first information;

activating the at least one bandwidth part according to the second information.

5. The method of claim 4, wherein the receiving second information from the network-side comprises:

5 receiving the second information from the network-side via Downlink control information (DCI).

6. The method of any one of claims 1-5, wherein the receiving first information from a network-side comprises:

receiving the first information from the network-side via Radio Resource Control (RRC) signaling.

10

7. The method of any one of claims 1-5, further comprising:

receiving third information from the network-side, wherein the third information indicates resource allocation within the bandwidth part.

15 8. The method of claim 7, wherein the receiving third information from the network-side comprises:

receiving the third information from the network-side via Downlink control information, DCI.

9. A user equipment (UE), comprising:

20 a first communication unit configured to receive first information from a network-side, wherein the first information indicates to the UE configurations of bandwidth parts, and the bandwidth parts comprise a first bandwidth part and a second bandwidth part~~at least one bandwidth part, and the configurations of the at least one bandwidth part comprise subcarrier spacing,~~ and

25 a first processing unit ~~configured to activate at a time,~~ the first bandwidth part among the configured bandwidth parts following a time-domain structure, wherein the first bandwidth part is determined as an active bandwidth part~~at least one configured bandwidth part following a time-domain structure, wherein a first bandwidth part of the at least one configured bandwidth part is determined as an active bandwidth part,~~

30 wherein the first processing unit is further configured to, when a time duration corresponding to the active bandwidth part has elapsed, turn the active bandwidth part to the second bandwidth part of the configured bandwidth parts~~a second bandwidth part of the at least one configured bandwidth part;~~

wherein the time duration for the bandwidth part being active is configured in unit of millisecond

and the time duration is determined by using a timer.

10. The UE of claim 9, wherein the configurations of the ~~at least one~~ bandwidth part_s comprise the time-domain structure.

11. The UE of claim 9, wherein the time duration for the bandwidth part being active is configured in unit of millisecond and the time duration is determined by using a timer~~the configurations of the at least one bandwidth part further comprise at least one of bandwidth part size, position of bandwidth part in frequency domain, time domain duration, and information on configuration of at least one signal.~~

12. The UE of claim 9 or 11, wherein

the first communication unit is configured to receive second information from the network-side, wherein the second information indicates to the UE that at least one bandwidth part to be activated is selected from the ~~at least one~~ bandwidth part_s configured by the first information;

the first processing unit is configured to activate the at least one bandwidth part according to the second information.

13. The UE of claim 12, wherein the first communication unit is configured to receive the second information from the network-side via Downlink control information (DCI).

14. The UE of any one of claims 9-13, wherein the first communication unit is configured to receive the first information from the network-side via Radio Resource Control (RRC) signaling.

15. The UE of any one of claims 9-13, wherein the first communication unit is configured to receive third information from the network-side, wherein the third information indicates resource allocation within the bandwidth part.

16. The UE of claim 15, wherein the first communication unit is configured to receive the third information from the network-side via Downlink control information, DCI.

17. A user equipment (UE), comprising: a processor and a memory having stored thereon a computer

program executable on the processor, wherein

the processor is configured to perform the method according to any one of claims 1-8 when the processor executes the computer program.

18. A computer storage medium having stored thereon computer-executable instructions, that when being
5 executed, perform the method of any one of claims 1-8.