

## **CLAIMS**

1. A method for configuring a data subband by a user equipment (UE) in a wireless communication system, the method comprising:

receiving a configuration of a plurality of data subbands from a network;  
receiving a first scheduling downlink control information (DCI) including information on a first data subband among the plurality of data subbands;  
activating the first data subband;  
receiving a second scheduling DCI including information on a second data subband among the plurality of data subbands;  
performing a bandwidth adaptation from the first data subband to the second data subband; and  
activating the second data subband,  
wherein one data subband consists of contiguous or non-contiguous physical resource blocks (PRBs).

2. The method of claim 1, wherein at least one of a numerology used for data transmission, a slot length, a mini-slot length, a radio access technology (RAT) or a maximum transport block size (TBS) is defined per data subband among the plurality of data subbands.

3. The method of claim 1, wherein at least one the first data subband or the second data subband is configured in a UE-specific carrier.

4. The method of claim 3, wherein the UE-specific carrier is configured per radio frequency (RF).

5. The method of claim 1, wherein at least one the first data subband or the second data subband is configured across multiple UE-specific carriers.

6. The method of claim 1, wherein at least one of the first data subband or the second data subband includes a common data subband for a common data.

7. The method of claim 6, wherein at most one common data subband is configured for the common data.

8. The method of claim 1, wherein at least one the first data subband or the second data subband is scheduled by a control subband.

9. The method of claim 8, wherein at least one of a numerology used for control transmission, a monitoring interval or a resource element group (REG) or control channel element (CCE) index within the control subband is defined per control subband.

10. The method of claim 8, wherein the control subband is configured in an anchor subband.

11. The method of claim 1, further comprising performing channel state information (CSI) measurement within at least one the first data subband or the second data subband.

12. The method of claim 1, further comprising transmitting a sounding reference signal (SRS) within at least one the first data subband or the second data subband.

13. The method of claim 1, further comprising performing measurement on a frequency which is configured independently from the first data subband and the second data subband.

14. The method of claim 13, wherein the frequency carries a synchronization signal (SS) block.

15. A user equipment (UE) in a wireless communication system, the UE comprising:

a memory;

a transceiver; and

a processor, operably coupled to the memory and the transceiver, that:

controls the transceiver to receive a configuration of a plurality of data subbands

from a network,

controls the transceiver to receive a first scheduling downlink control information (DCI) including information on a first data subband among the plurality of data subbands,

activates the first data subband,

controls the transceiver to receive a second scheduling DCI including information on a second data subband among the plurality of data subbands,

performs a bandwidth adaptation from the first data subband to the second data subband, and

activates the second data subband,

wherein one data subband consists of contiguous or non-contiguous physical resource blocks (PRBs).