300

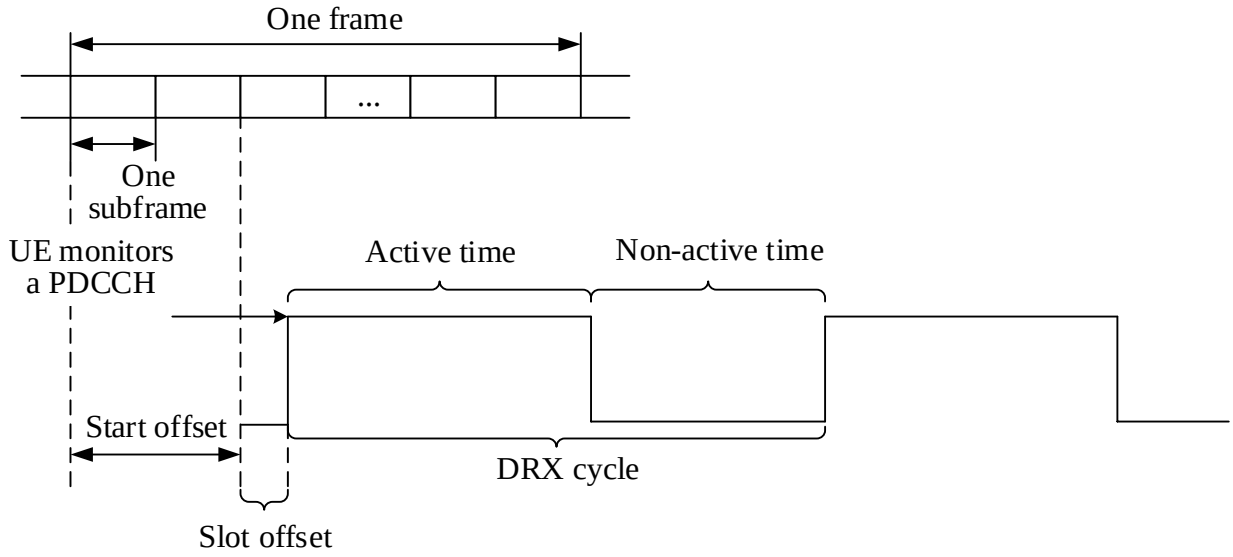


FIG. 3

400

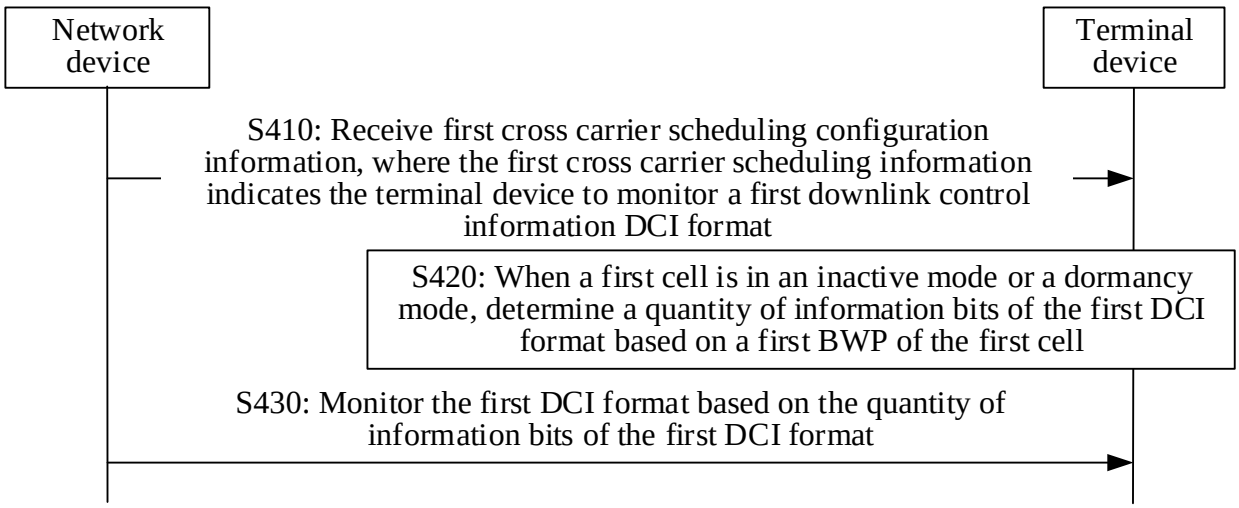


FIG. 4

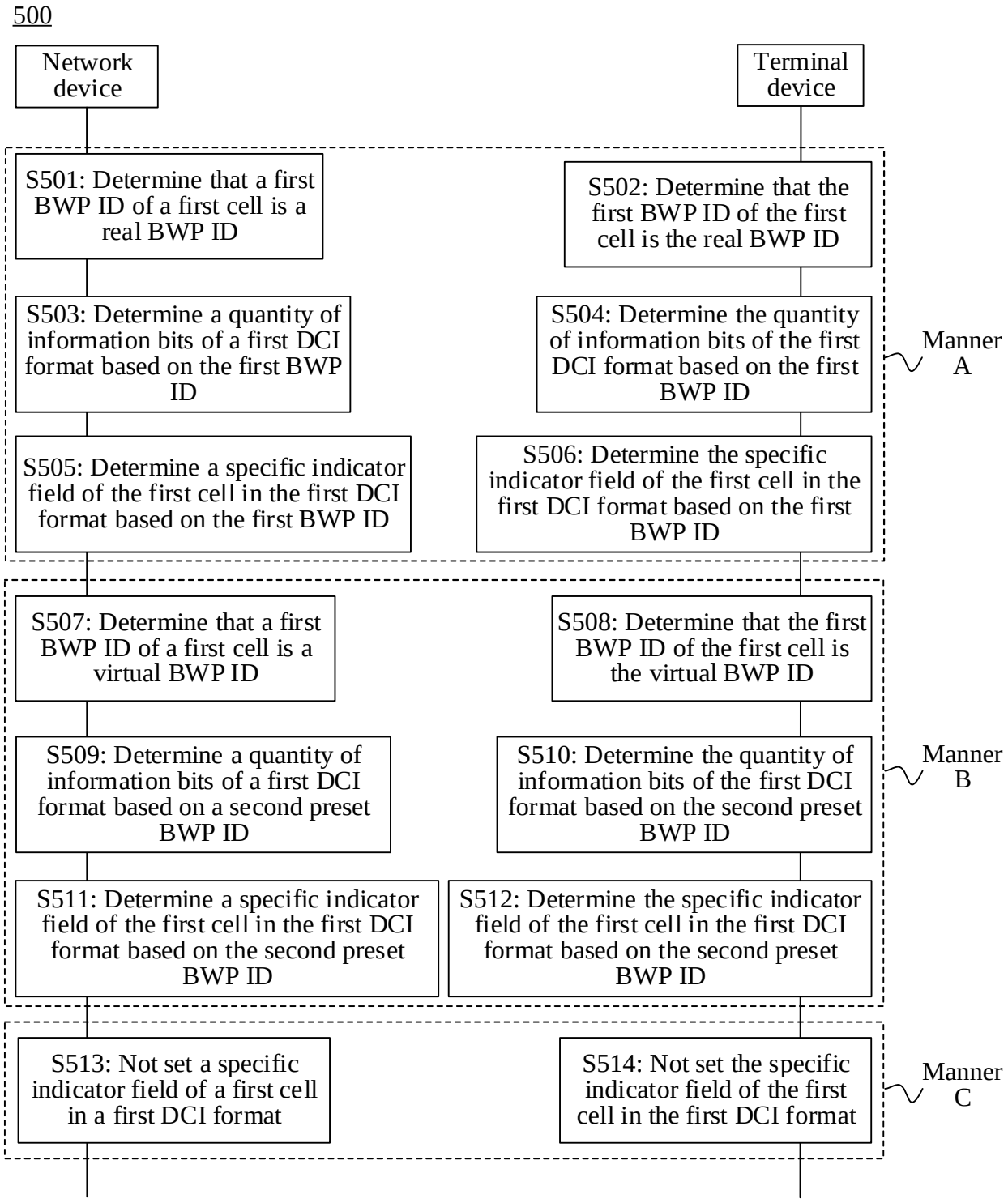
500
Network device
Terminal device
S501: Determine that a first BWP ID of a first cell is a real BWP ID
S502: Determine that the first BWP ID of the first cell is the real BWP ID
S503: Determine a quantity of information bits of a first DCI format based on the first BWP ID
S504: Determine the quantity of information bits of the first DCI format based on the first BWP ID
Manner A
S505: Determine a specific indicator field of the first cell in the first DCI format based on the first BWP ID
S506: Determine the specific indicator field of the first cell in the first DCI format based on the first BWP ID
S507: Determine that a first BWP ID of a first cell is a virtual BWP ID
S508: Determine that the first BWP ID of the first cell is the virtual BWP ID
S509: Determine a quantity of information bits of a first DCI format based on a second preset BWP ID
S510: Determine the quantity of information bits of the first DCI format based on the second preset BWP ID
Manner B
S511: Determine a specific indicator field of the first cell in the first DCI format based on the second preset BWP ID
S512: Determine the specific indicator field of the first cell in the first DCI format based on the second preset BWP ID
S513: Not set a specific indicator field of a first cell in a first DCI format
S514: Not set the specific indicator field of the first cell in the first DCI format
Manner C

FIG. 5

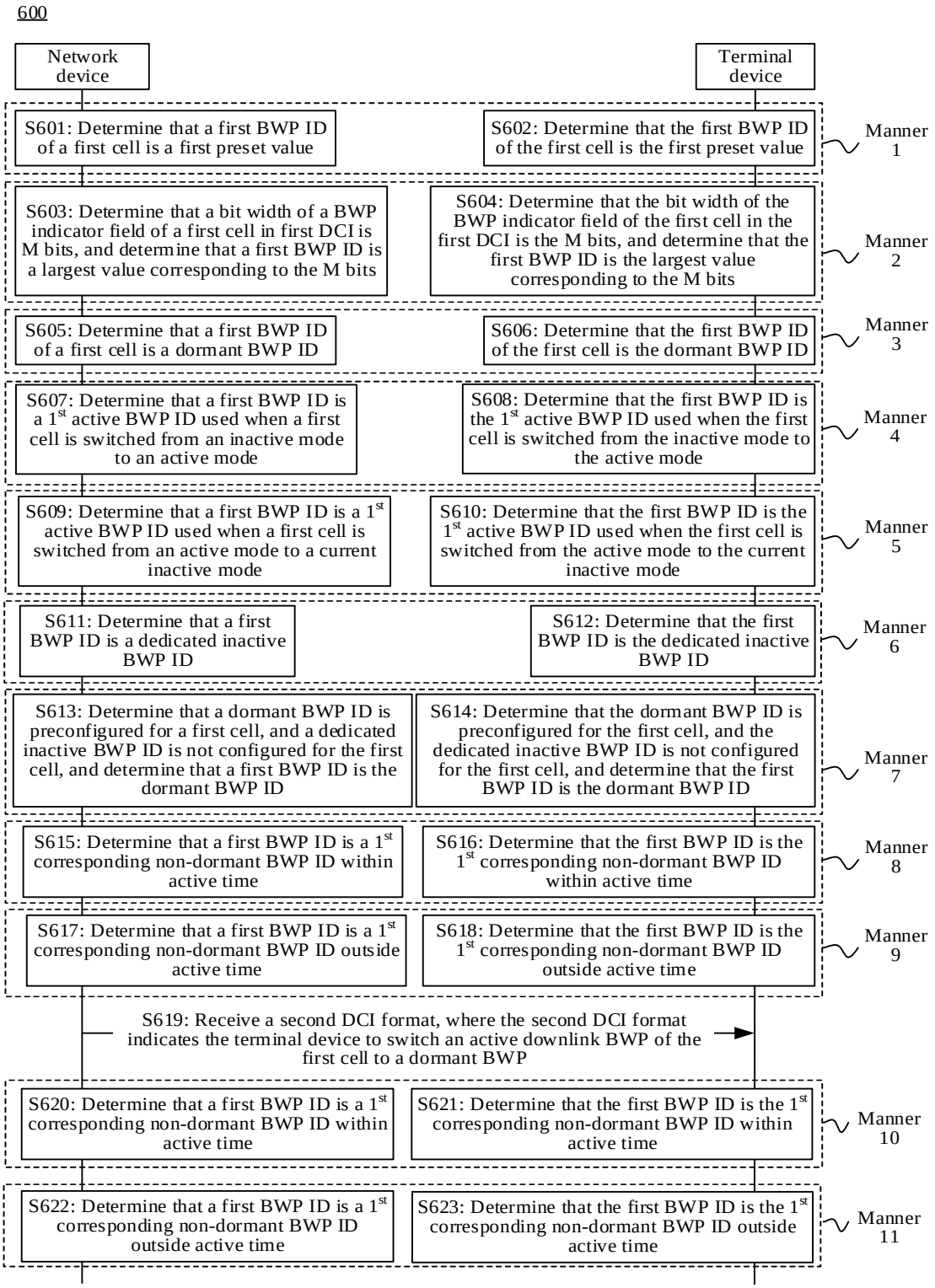
600
Network device
Terminal device
S601: Determine that a first BWP ID of a first cell is a first preset value
S602: Determine that the first BWP ID of the first cell is the first preset value
Manner 1
S603: Determine that a bit width of a BWP indicator field of a first cell in first DCI is M bits, and determine that a first BWP ID is a largest value corresponding to the M bits
S604: Determine that the bit width of the BWP indicator field of the first cell in the first DCI is the M bits, and determine that the first BWP ID is the largest value corresponding to the M bits
Manner 2
S605: Determine that a first BWP ID of a first cell is a dormant BWP ID
S606: Determine that the first BWP ID of the first cell is the dormant BWP ID
Manner 3
S607: Determine that a first BWP ID is a 1st active BWP ID used when a first cell is switched from an inactive mode to an active mode
S608: Determine that the first BWP ID is the 1st active BWP ID used when the first cell is switched from the inactive mode to the active mode
Manner 4
S609: Determine that a first BWP ID is a 1st active BWP ID used when a first cell is switched from an active mode to a current inactive mode
S610: Determine that the first BWP ID is the 1st active BWP ID used when the first cell is switched from the active mode to the current inactive mode
Manner 5
S611: Determine that a first BWP ID is a dedicated inactive BWP ID
S612: Determine that the first BWP ID is the dedicated inactive BWP ID
Manner 6
S613: Determine that a dormant BWP ID is preconfigured for a first cell, and a dedicated inactive BWP ID is not configured for the first cell, and determine that a first BWP ID is the dormant BWP ID
S614: Determine that the dormant BWP ID is preconfigured for the first cell, and the dedicated inactive BWP ID is not configured for the first cell, and determine that the first BWP ID is the dormant BWP ID
Manner 7
S615: Determine that a first BWP ID is a 1st corresponding non-dormant BWP ID within active time
S616: Determine that the first BWP ID is the 1st corresponding non-dormant BWP ID within active time
Manner 8
S617: Determine that a first BWP ID is a 1st corresponding non-dormant BWP ID outside active time
S618: Determine that the first BWP ID is the 1st corresponding non-dormant BWP ID outside active time
Manner 9
S619: Receive a second DCI format, where the second DCI format indicates the terminal device to switch an active downlink BWP of the first cell to a dormant BWP
S620: Determine that a first BWP ID is a 1st corresponding non-dormant BWP ID within active time
S621: Determine that the first BWP ID is the 1st corresponding non-dormant BWP ID within active time
Manner 10
S622: Determine that a first BWP ID is a 1st corresponding non-dormant BWP ID outside active time
S623: Determine that the first BWP ID is the 1st corresponding non-dormant BWP ID outside active time
Manner 11

FIG. 6

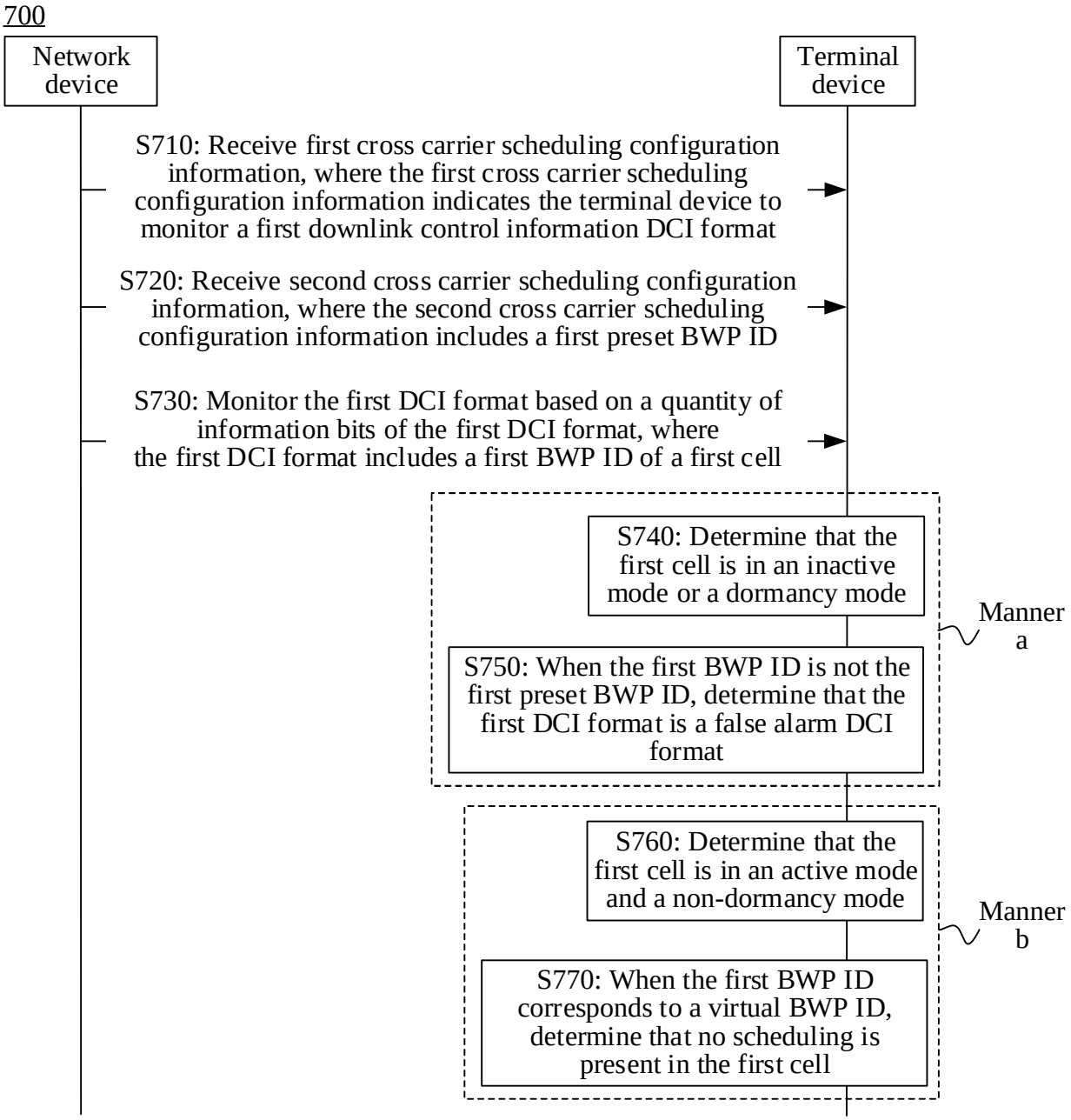
700
Network device
Terminal device
S710: Receive first cross carrier scheduling configuration information, where the first cross carrier scheduling configuration information indicates the terminal device to monitor a first downlink control information DCI format
S720: Receive second cross carrier scheduling configuration information, where the second cross carrier scheduling configuration information includes a first preset BWP ID
S730: Monitor the first DCI format based on a quantity of information bits of the first DCI format, where the first DCI format includes a first BWP ID of a first cell
S740: Determine that the first cell is in an inactive mode or a dormancy mode
S750: When the first BWP ID is not the first preset BWP ID, determine that the first DCI format is a false alarm DCI format
Manner a
S760: Determine that the first cell is in an active mode and a non-dormancy mode
S770: When the first BWP ID corresponds to a virtual BWP ID, determine that no scheduling is present in the first cell
Manner b

FIG. 7