CLAIMS

Claim 1 A reception apparatus, comprising:

reception circuitry, which, in operation, receives a MAC Control Element (MAC CE) and an offset value; and

control circuitry, which, in operation, configures, based on the offset value, a timing of applying an action in an uplink based on a control command of the MAC CE,

wherein based on the timing of applying the action in the uplink and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 2 The reception apparatus according to claim 1, wherein

based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE, the control circuitry configures the timing of applying the action in the uplink.

Claim 3 A reception apparatus, comprising:

reception circuitry, which, in operation, receives a MAC Control Element (MAC CE) and an offset value; and

control circuitry, which, in operation, configures, based on the offset value, a timing of applying an action based on a control command of the MAC CE,

wherein based on a reception timing of a Physical Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 4 A reception apparatus, comprising:

reception circuitry, which, in operation, receives a MAC Control Element (MAC CE) and an offset value; and

control circuitry, which, in operation, configures, based on the offset value, a timing of applying an action based on a control command of the MAC CE,

wherein based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 5 The reception apparatus according to claim 4, wherein

based on the transmission timing of the response information in response to the PDSCH including the MAC CE, the control circuitry configures a timing of applying the action in an uplink without using the offset value.

Claim 6 The reception apparatus according to claim 1, wherein

the offset value indicates a number of slots and is indicated by a higher layer signaling.

Claim 7 The reception apparatus according to claim 1, wherein

the offset value is provided if a downlink timing is not aligned with an uplink timing at gNB in Non-Terrestrial Network (NTN).

Claim 8 A reception method, comprising steps performed by a reception apparatus of:

receiving a MAC Control Element (MAC CE) and an offset value;

configuring, based on the offset value, a timing of applying an action based on a control command of the MAC CE, and

configuring, based on a timing of applying the action in an uplink and the offset value, a timing of the action in a downlink.

Claim 9 The reception method according to claim 8, comprising:

configuring, based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE, the timing of applying the action in the uplink.

Claim 10 The reception method according to claim 8, wherein the offset value indicates a number of slots and is indicated by a higher layer signaling.

Claim 11 The reception method according to claim 8, wherein the offset value is provided if a downlink timing is not aligned with an uplink timing at a gNB in a Non-Terrestrial Network (NTN).

Claim 12 A reception method, comprising steps performed by a reception apparatus of:

receiving a MAC Control Element (MAC CE) and an offset value;

configuring, based on the offset value, a timing of applying an action based on a control command of the MAC CE; and

configuring, based on a reception timing of a Physical Downlink Shared Channel

(PDSCH) including the MAC CE and the offset value, a timing of applying the action in a downlink.

Claim 13 A reception method, comprising steps performed by a reception apparatus of:

receiving a MAC Control Element (MAC CE) and an offset value;

configuring, based on the offset value, a timing of applying an action based on a control command of the MAC CE; and

configuring, based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, a timing of applying the action in a downlink.

Claim 14 The reception method according to claim 13, comprising:

configuring, based on the transmission timing of the response information in response to the PDSCH including the MAC CE, a timing of applying the action in an uplink without using the offset value.