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(54) TECHNIQUES FOR MANAGING AN UPLINK CONTROL CHANNEL OVERLAPPED IN TIME DOMAIN

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(57)ABSTRACT

Techniques are described for multiplexing non-acknowledgement (NACK) only physical uplink control channel (PUCCH) transmission that overlaps in time domain with another uplink control channel transmission. An example wireless communication method includes performing a first determination, by a communication node, whether a scheduling request (SR) transmission needs to be performed in a control channel; performing a second determination, by the communication node and in response to determining that the SR needs to be transmitted in the control channel, that a first resource for a non-acknowledgement (NACK) only transmission in the control channel overlaps in time domain with a second resource for the SR transmission; and transmitting, in response to the second determination, a sequence in the second resource in the control channel, where the sequence indicates the SR and a feedback message for the NACK only transmission.

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Performing a first determination, by a 202 communication node, whether a scheduling request (SR) transmission needs to be performed in a control channel

Performing a second determination, by the 204 communication node and in response to determining that the SR needs to be transmitted in the control channel, that a first resource for a

in the control channel overlaps in time domain with a second resource for the SR transmission

non-acknowledgement (NACK) only transmission

Transmitting, in response to the second determination, a sequence in the second resource in the control channel