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(54) PERIODIC CHANNEL STATE INFORMATION REPORTING FOR TIME DIVISION DUPLEX (TDD) CARRIER AGGREGATION SYSTEMS

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- (52) U.S. Cl.

CPC H04W 24/10 (2013.01); H04W 48/14 (2013.01); H04W 52/0209 (2013.01); H04W 52/0212 (2013.01); H04W 36/08 (2013.01);

(58) Field of Classification Search

See application file for complete search history.

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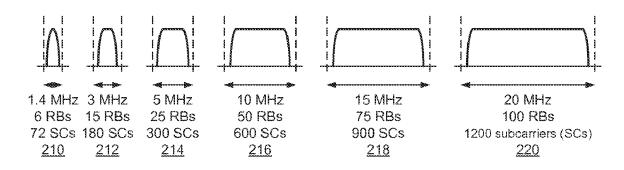
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(57)ABSTRACT

Technology for periodic channel state information (CSI) reporting is disclosed. One method can include a user equipment (UE) identifying a configured CSI reporting instance for a secondary cell to report the periodic CSI to a node based on a CSI reporting configuration of the secondary cell. The UE can determine that the configured CSI reporting instance of the secondary cell used to report the periodic CSI does not correspond with an uplink (UL) subframe of a primary cell. The UE can transmit the periodic CSI report for the secondary cell, to the node, using a physical uplink shared channel (PUSCH) on the secondary cell when the periodic CSI reporting instance for the secondary cell does not correspond with the UL subframe of the primary cell and an UL-SCH (Uplink Shared Channel) is available in a subframe that corresponds to the periodic CSI reporting instance of the secondary cell.

7 Claims, 12 Drawing Sheets





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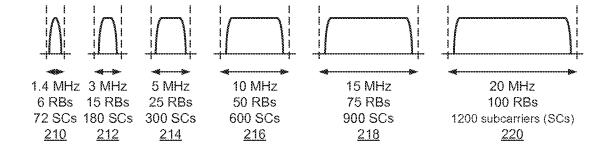


FIG. 1

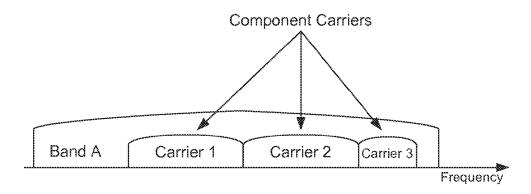


FIG. 2A

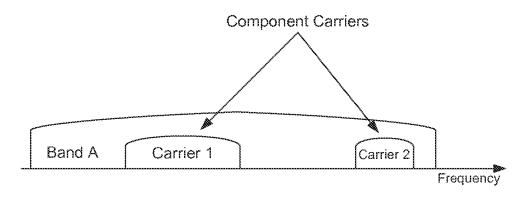


FIG. 2B

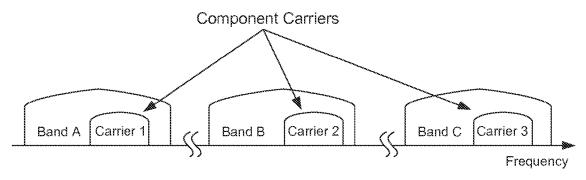


FIG. 2C

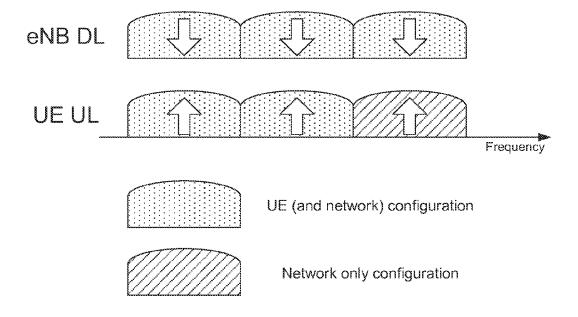


FIG. 3A

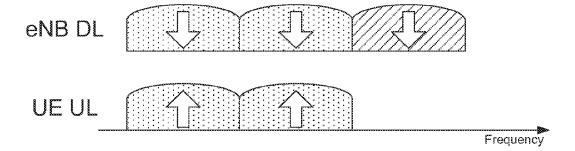


FIG. 3B

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