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(54) Title: CHANNEL QUALITY INDICATOR REPORTING

FIG 6

6A: WHEN RESUMING DATA TRANSMISSION/RECEPTION UPON ACTIVATION OF A SERVING CELL, OR AFTER A LONG IN-DEVICE COEXISTENCE INTERFERENCE AVOIDANCE GAP, WHERE A VALID CHANNEL QUALITY INDICATION RESULT IS AVAILABLE AT THE LATEST: (A) 4 MS AFTER ACTIVATION FOR TRANSMISSION MODES OTHER THAN TRANSMISSION MODE 9; AND (B) UNTIL THE FIRST SUBFRAME THAT HAS A CHANNEL STATE INFORMATION REFERENCE SIGNAL AVAILABLE AFTER ACTIVATION +4 MS FOR TRANSMISSION MODE 9, DETERMINING WHETHER TO REPORT TO A NETWORK ACCESS NODE NO CHANNEL QUALITY INDICATION VALUE, OR TO REPORT AN HISTORIC CHANNEL QUALITY INDICATION VALUE, OR TO REPORT AN OUT OF RANGE CHANNEL QUALITY INDICATION VALUE FOR A CERTAIN PERIOD IF ANY PERIODIC CHANNEL QUALITY INDICATION RESOURCE IS CONFIGURED FOR THE CELL, OR IF AN APERIODIC CHANNEL QUALITY INDICATION FOR THE CELL IS REQUESTED FROM THE NETWORK ACCESS NODE

6B: REPORTING A VALID CHANNEL QUALITY INDICATION IF AVAILABLE, OTHERWISE REPORTING NO CHANNEL QUALITY INDICATION VALUE, OR REPORTING ONE OF THE HISTORIC CHANNEL QUALITY INDICATION VALUE OR THE OUT OF RANGE CHANNEL QUALITY INDICATION VALUE

(57) Abstract: A method, computer program and apparatus operate when resuming data transmission/reception upon activation of a serving cell, or after a long in-device coexistence interference avoidance gap, to determine whether to report to a network access node an in-device coexistence interference indicator value and send the in-device coexistence interference indicator value to the network access node. The in-device coexistence interference indicator value is reported to the network access node for a certain period if any periodic channel quality indication resource is configured for the cell, or if an aperiodic channel quality indication for the cell is requested from the network access node.



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