Title (en)

A COMMUNICATION UNIT AND METHOD OF COMMUNICATING MEASUREMENT REPORTS THEREFOR

Title (de)

KOMMUNIKATIONSEINHEIT UND VERFAHREN ZUM UEBERMITTELN VON MESSBERICHTEN DAFUER

Title (fr)

UNITE DE COMMUNICATION ET PROCEDE ASSOCIE POUR COMMUNIQUER DES RAPPORTS DE MESURE

Publication

EP 1563703 A1 20050817 (EN)

Application

EP 03775408 A 20031003

Priority

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- GB 0225979 A 20021107

Abstract (en)

[origin: GB2395398A] A base station (101) comprises a measurement processor (117) determining physical layer measurement characteristics, such as a filtered transmit power, in response to an air interface physical layer parameter, such as the unfiltered transmit power, associated with a subscriber unit (103). It further comprises a communication element (119) for communicating measurement reports to a network element (109), such as an RNC. Further, the base station (101) comprises an update processor (121) for dynamically updating an interval between measurement reports in response to an operating characteristic of the cellular communication system. The interval may be updated by changing a measurement report frequency depending on the number of subscriber units supported, the duration they have been supported and the available resource. The interval may also be updated by a new measurement report only being generated when the physical layer measurement characteristic differs from the last reported physical layer measurement characteristic by more than a threshold.

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H04Q 7/38

IPC 8 full level

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CPC (source: EP GB)

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