

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

25.215 CR 051

Current Version: **3.2.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **TSG-RAN #8** for approval
 list expected approval meeting # here ↑ for information

strategic (for SMG use only)
 non-strategic

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc

Proposed change affects: (U)SIM ME UTRAN / Radio Core Network
 (at least one should be marked with an X)

Source: Ericsson **Date:** 2000-04-07

Subject: Clarification of Physical channel BER

Work item:

Category:
 F Correction **Release:** Phase 2
 A Corresponds to a correction in an earlier release Release 96
 B Addition of feature Release 97
 C Functional modification of feature Release 98
 D Editorial modification Release 99
 Release 00
 (only one category shall be marked with an X)

Reason for change: Clarification that the Physical channel BER shall be measured (averaged) over an entire TTI.

Clauses affected: 5.2.7 Physical channel BER

Other specs affected:
 Other 3G core specifications → List of CRs:
 Other GSM core specifications → List of CRs:
 MS test specifications → List of CRs:
 BSS test specifications → List of CRs:
 O&M specifications → List of CRs:

Other comments:



help.doc

<----- double-click here for help and instructions on how to create a CR.

5.2.7 Physical channel BER

Definition	The Physical channel BER is an estimation of the average bit error rate (BER) on the DPCCCH after RL combination in Node B. An estimate of the Physical channel BER shall be possible to be reported after the end of each TTI of any of the transferred TrCHs. The reported physical channel BER shall be an estimate of the BER <u>averaged over</u> during the latest TTI.
Range/mapping	<p>The physical channel BER shall be reported for $0 \leq \text{Physical channel BER} \leq 1$ in the unit PhCh_BER_LOG where:</p> <p>PhCh_BER_LOG_000: Physical channel BER = 0 PhCh_BER_LOG_001: $-\infty < \text{Log}_{10}(\text{Physical channel BER}) < -2.06375$ PhCh_BER_LOG_002: $-2.06375 \leq \text{Log}_{10}(\text{Physical channel BER}) < -2.055625$ PhCh_BER_LOG_003: $-2.055625 \leq \text{Log}_{10}(\text{Physical channel BER}) < -2.0475$... PhCh_BER_LOG_253: $-0.024375 \leq \text{Log}_{10}(\text{Physical channel BER}) < -0.01625$ PhCh_BER_LOG_254: $-0.01625 \leq \text{Log}_{10}(\text{Physical channel BER}) < -0.008125$ PhCh_BER_LOG_255: $-0.008125 \leq \text{Log}_{10}(\text{Physical channel BER}) \leq 0$</p>