

Agenda item: ?

Source: Siemens

Title: CR 25.225-019 : Corrections and Clarifications to 25.225

Document for: Decision

In LS TSG R4-00 0743, UTRAN RSSI, a new name and definition of the UTRAN RSSI measurement is proposed by RAN WG4.

The proposed new name is: *received total wide band power* and the new definition is:

The wide-band received power including the internally in the BS generated noise, within the UTRAN uplink carrier channel bandwidth in an UTRAN access point. In case of BS with receiver diversity the reported value shall be the linear average of the power in the diversity branches.

In the by RAN4 proposed definition the term BS is used to represent the base station. It is proposed to modify the definition slightly to avoid that term according to the following:

The wide-band received power in a specified timeslot including ~~the internally in~~ the BS noise generated in the receiver ~~generated noise~~, within the UTRAN uplink carrier channel bandwidth in an UTRAN access point. In case of ~~BS with~~ receiver diversity the reported value shall be the linear average of the power in the diversity branches.

It is furthermore proposed to keep the reference point as currently defined in 25.225 for the UTRAN RSSI measurement and adopt the other changes indicated by RAN4.

Proposal

The attached CR for 25.225 contains the above proposed changes.

CHANGE REQUEST

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

25.225 CR 019

Current Version: **3.4.0**

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

? CR number as allocated by MCC support team

For submission to: **RAN #10**
list expected approval meeting # here ?

for approval
for information

strategic
non-strategic (for SMG use only)

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <http://ftp.3gpp.org/Information/CR-Formv2.doc>

Proposed change affects:
(at least one should be marked with an X)

(U)SIM ME UTRAN / Radio Core Network

Source: Siemens AG **Date:** 09/10/00

Subject: Corrections and Clarifications to 25.225

Work item:

Category:
(only one category shall be marked with an X)

F Correction
A Corresponds to a correction in an earlier release
B Addition of feature
C Functional modification of feature
D Editorial modification

Release: Phase 2
Release 96
Release 97
Release 98
Release 99
Release 00

Reason for change:

In LS TSG R4-00 0743, UTRAN RSSI, a new name and definition of the UTRAN RSSI measurement is proposed by RAN WG4. This CR incorporates this new definition in 25.225 together with a clarification of the measurement reference point.

Clauses affected: 5.2.3

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.

5.2.3 Received total wide band power~~RSSI~~

<p>Definition</p>	<p><u>The received wide band power in a specified timeslot including the noise generated in the receiver, within the UTRAN uplink channel bandwidth in an UTRAN access point. In case of receiver diversity the reported value shall be the linear average of the power in the diversity branches.</u> Received Signal Strength Indicator, the wide-band received power within the UTRAN UL carrier channel bandwidth in a specified timeslot. The reference point for the <u>Received total wideband power</u>RSSI shall be the antenna connector.</p>
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