TSG RAN Meeting #18 **RP-020798**
New Orleans, US, 3 - 6 December, 2002

Title **CR (Rel-5) to TS 25.133**
Source **TSG RAN WG4**
Agenda Item **7.4.5**

RAN4 Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R4-021663	25.133	502	1	F	Rel-5	5.4.0	CPICH RSCP report mapping	TEI5

3GPP TSG RAN WG4 (Radio) Meeting #25 **R4-021663**

Secaucus, NJ, USA 11 - 15 November, 2002

CR-Form-v7

CHANGE REQUEST

⌘ **25.133** **CR** **502** ⌘ **rev** **1** ⌘ Current version: **5.4.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [ ] ME [X] Radio Access Network [X] Core Network [ ]

Title:	⌘	CPICH RSCP report mapping
Source:	⌘	RAN WG4
Work item code:	⌘	TEI5
Date:	⌘	26/11/2002
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
- ***F*** *(correction)*
- ***A*** *(corresponds to a correction in an earlier release)*
- ***B*** *(addition of feature),*
- ***C*** *(functional modification of feature)*
- ***D*** *(editorial modification)*

Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	The signalling range of CPICH RSCP was extended in WG2 specification based on a WG4 proposal to allow optimized cell design.
Summary of change:	⌘	The lowest value for CPICH RSCP is changed from –115dBm to –120dBm. It is corrected that a minus sign of the lowest value of CPICH RSCP range was missing on the first column in section 9.1.1.3. This change is the extension of report mapping of CPICH, and it does not cause any changes for UE performance requirement.
Consequences if not approved:	⌘	Operators may not be able to optimize the cell design. Inconsistency with RAN2.

Clauses affected:	⌘	9.1.1.3

Other specs affected: ⌘	Y	N		⌘
		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

9.1.1.3 CPICH RSCP measurement report mapping

The reporting range is for *CPICH RSCP* is from ~~115~~ -120 ...-25 dBm.
In table 9.4 the mapping of measured quantity is defined. The range in the signalling may be larger than the guaranteed accuracy range.

Table 9.4

~~Reported value~~	~~Measured quantity value~~	~~Unit~~
~~CPICH_RSCP_LEV_-00~~	~~CPICH RSCP < -115~~	~~dBm~~
~~CPICH_RSCP_LEV_-01~~	~~-115 ≤ CPICH RSCP < -114~~	~~dBm~~
~~CPICH_RSCP_LEV_-02~~	~~-114 ≤ CPICH RSCP < -113~~	~~dBm~~
~~...~~	~~...~~	~~...~~
~~CPICH_RSCP_LEV_-89~~	~~-27 ≤ CPICH RSCP < -26~~	~~dBm~~
~~CPICH_RSCP_LEV_-90~~	~~-26 ≤ CPICH RSCP < -25~~	~~dBm~~
~~CPICH_RSCP_LEV_-91~~	~~-25 ≤ CPICH RSCP~~	~~dBm~~

Reported value	Measured quantity value	Unit
CPICH_RSCP_LEV_-05	CPICH RSCP <-120	dBm
CPICH_RSCP_LEV_-04	-120 ≤ CPICH RSCP < -119	dBm
CPICH_RSCP_LEV_-03	-119 ≤ CPICH RSCP < -118	dBm
...	...	...
CPICH_RSCP_LEV_89	-27 ≤ CPICH RSCP < -26	dBm
CPICH_RSCP_LEV_90	-26 ≤ CPICH RSCP < -25	dBm
CPICH_RSCP_LEV_91	-25 ≤ CPICH RSCP	dBm