**TSG RAN Meeting #28** **RP-050333**
**Quebec, Canada, 1 - 3 June 2005**

**Title** **CR (Rel6 category F) to TS25.214 on F-DPCH Downlink Power Control Behaviour in SHO**
**Source** **TSG RAN WG1**
**Agenda Item** **8.12**

| RAN1 Tdoc | Spec | CR | Rev | Rel | Cat | Current Version | Subject | Work item | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| R1-050575 | 25.214 | 378 | 1 | Rel-6 | F | 6.5.0 | F-DPCH Downlink Power Control Behaviour in SHO | RANimp-RABSE-CodeOptFDD | |

**Tdoc ⌘R1-050575**

CR-Form-v7.1

# CHANGE REQUEST

⌘ **25.214** **CR** **378** ⌘ **rev** **1** ⌘ Current version: **6.5.0** ⌘

*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:*** | ⌘ | F-DPCH Downlink Power Control Behaviour in SHO |
| ***Source:*** | ⌘ | RAN WG1 |
| ***Work item code:*** | ⌘ | RANimp-RABSE-CodeOptFDD |
| ***Date:*** | ⌘ | 02/05/2005 |
| ***Category:*** | ⌘ | **F** |
| ***Release:*** | ⌘ | Rel-6 |

*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:*

| | |
|---|---|
| *Ph2* | *(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)* |
| *Rel-7* | *(Release 7)* |

| | | |
|---|---|---|
| ***Reason for change:*** | ⌘ | F-DPCH Downlink Power Control Behaviour in SHO is unspecified in the specification |
| ***Summary of change:*** | ⌘ | It is specified that the F-DPCH downlink power control criteria only needs to be met for the HS-DSCH serving cell radio link |
| ***Consequences if not approved:*** | ⌘ | Behaviour remains unspecified |

| | | |
|---|---|---|
| ***Clauses affected:*** | ⌘ | 5.2.1.2.1.1 |

| ***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.

#### 5.2.1.2.1.1 F-DPCH quality target control

The UTRAN sets a quality target for the F-DPCH. The UE autonomously sets a SIR target value and adjusts it in order to achieve the same quality as the quality target set by UTRAN. The quality target is set as a downlink TPC command error rate target value for the F-DPCH belonging to the radio link from the HS-DSCH serving cell as signaled by the UTRAN. The UE shall set the SIR target when the F-DPCH has been setup or reconfigured. It shall not increase the SIR target value before the power control has converged on the current value. The UE may estimate whether the power control has converged on the current value, by comparing the averaged measured SIR to the SIR target value.