

CR-Form-v7

## CHANGE REQUEST

⌘ **25.225 CR 070** ⌘ 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  Radio Access Network  Core Network

<b>Title:</b>	⌘ Power Measurement in non HSDPA codes for TDD		
<b>Source:</b>	⌘ Siemens		
<b>Work item code:</b>	⌘ HSDPA-Phys	<b>Date:</b>	⌘ 03/06/2003
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)	<b>2</b> (GSM Phase 2)	
	<b>A</b> (corresponds to a correction in an earlier release)	<b>R96</b> (Release 1996)	
	<b>B</b> (addition of feature),	<b>R97</b> (Release 1997)	
	<b>C</b> (functional modification of feature)	<b>R98</b> (Release 1998)	
	<b>D</b> (editorial modification)	<b>R99</b> (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		<b>Rel-4</b> (Release 4)
			<b>Rel-5</b> (Release 5)
			<b>Rel-6</b> (Release 6)

<b>Reason for change:</b>	⌘ Following the LS in R1-030033 (Power in all Non-HSDPA codes measurement), there is a need to define an appropriate UTRAN measurement. This has already been done in FDD (25.215 CR 134r1); however the LS does not differentiate between the FDD and TDD modes hence a similar measurement should be defined for TDD
<b>Summary of change:</b>	⌘ A new section has been added to 25.225 to define a measurement of power in all non-HSDPA codes for TDD. The measurement is made on a per timeslot basis
<b>Consequences if not approved:</b>	⌘ Degraded RRM performance

<b>Clauses affected:</b>	⌘ 5.2.16 added										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td>X</td> <td></td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>	Y	N	X			X		X	Other core specifications	⌘ 25.123, 25.433, 25.302
Y	N										
X											
	X										
	X										
		Test specifications									
		O&M Specifications									
<b>Other comments:</b>	⌘										

### 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.

## 5.2.16 Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission

<b>Definition</b>	<p>Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission is the ratio between the total transmitted power of all codes not used for HS-PDSCH or HS-SCCH transmission in a specified timeslot on one DL carrier from one UTRAN access point, and the maximum transmission power possible to use on that DL carrier in the timeslot. Total transmission power of all codes not used for HS-PDSCH or HS-SCCH transmission is the sum of the mean power levels [W] of each of the codes not used for HS-PDSCH or HS-SCCH transmission in the specified timeslot on one carrier from one UTRAN access point. Maximum transmission power is the mean power [W] in the specified timeslot on one carrier from one UTRAN access point when transmitting at the configured maximum power for the cell. The measurement shall be possible on any timeslot and carrier transmitted from the UTRAN access point. The reference point for the transmitted carrier power measurement of all codes not used for HS-PDSCH or HS-SCCH transmission shall be the Tx antenna connector. In case of Tx diversity the transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission is the ratio between the sum of the total transmitted powers of all codes not used for HS-PDSCH or HS-SCCH transmission of all branches and the maximum transmission power.</p>
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