

**TSG-RAN Meeting #6  
Nice, France, 13 – 15 December 1999**

**TSGRP#6(99)782**

**Title:** Agreed CRs of category "C" (Modifications) and "F" (Corrections) to TR 25.941

**Source:** TSG-RAN WG4

**Agenda item:** 5.4.3

<b>TSG_DOC</b>	<b>SPEC</b>	<b>CR</b>	<b>RE</b>	<b>3G_PHA</b>	<b>SUBJECT</b>	<b>CAT</b>	<b>VERS_CUR</b>	<b>VERS_NEW</b>
R4-99994	25.941	001		R99	CR for 25.941	F	3.0.0	3.1.0

### 3G CHANGE REQUEST

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

25.941 CR 001

Current Version: 3.0.0

3G specification number ↑

↑ CR number as allocated by 3G support team

For submission to TSG RAN#6 for approval  (only one box should be marked with an X)  
list TSG meeting no. here ↑ for information

Form: 3G CR cover sheet, version 1.0 The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf

**Proposed change affects:** USIM  ME  UTRAN  Core Network   
(at least one should be marked with an X)

**Source:** NTT DoCoMo **Date:** 10/12/99

**Subject:** CR for 25.941

**3G Work item:** UTRA

**Category:** F Correction   
A Corresponds to a correction in a 2G specification   
B Addition of feature   
C Functional modification of feature   
D Editorial modification   
(only one category shall be marked with an X)

**Reason for change:** Incorporating scopes of new TS and TR documents; removing TS25.103, adding TS25.123, TS25.133 and TR25.943.  
Incorporating a text collection in the scope of TS25.141.

**Clauses affected:** Section 6.2.1

**Other specs affected:** Other 3G core specifications  → List of CRs:  
Other 2G 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:**

~~3.3-25.103-RF parameters in support of RRM~~

~~3.3.1 Scope~~

~~This Technical Specification shall describe RF parameters and Requirements for~~

~~the Radio Resource Management.~~

### ~~3.4.3~~ 3.4.3 25.104 BTS Radio transmission and reception (FDD)

#### ~~3.4.1~~ 3.3.1 Scope

This document establishes the Base Station minimum RF characteristics of the FDD mode of UTRA.

### ~~3.5~~ 3.4 25.105 BTS Radio transmission and reception (TDD)

#### ~~3.5.1~~ 3.4.1 Scope

This document establishes the minimum RF characteristics of the TDD mode of UTRA.

### ~~3.6~~ 3.5 25.113 Base station EMC

#### ~~3.6.1~~ 3.5.1 Scope

The present document covers the assessment of basestations and associated ancillary equipment in respect of ElectroMagnetic Compatibility (EMC).

The present document specifies the applicable test conditions, performance assessment and performance criteria for basestations and associated ancillary equipment in one of the following categories:

- basestations for the FDD mode of UTRA meeting the requirements of TS 25.104 [1], with conformance demonstrated by compliance to TS 25.141 [3].
- basestations for the TDD mode of UTRA meeting the requirements of TS 25.105 [2], with conformance demonstrated by compliance to TS 25.142 [4].

Technical requirements related to the antenna port of basestations are not included in the present document. These are found in the relevant product standards [1], [2], [3], [4].

The environment classification used in the present document refers to the environment classification used in IEC 61000-6-1 [5] and IEC 61000-6-3 [6].

The EMC requirements have been selected to ensure an adequate level of compatibility for apparatus at residential, commercial and light industrial environments. The levels, however, do not cover extreme cases which may occur in any location but with low probability of occurrence.

## 3.6 25.123 Requirements for Support of Radio Resource Management (TDD)

### 3.6.1 Scope

This Technical Specification specifies requirements for support of Radio Resource Management for TDD. These requirements include requirements on measurements in UTRAN and the UE as well as requirements on node dynamical behaviour and interaction, in terms of delay and response characteristics.

## 3.7 25.133 Requirements for Support of Radio Resource Management (FDD)

### 3.7.1 Scope

This Technical Specification specifies requirements for support of Radio Resource Management for FDD. These requirements include requirements on measurements in UTRAN and the UE as well as requirements on node dynamical behaviour and interaction, in terms of delay and response characteristics.

## ~~3.7~~3.8 25.141 Base station conformance testing (FDD)

### ~~3.7.1~~3.8.1 Scope

~~This document establishes the minimum RF characteristics of the FDD mode of UTRA for the Base Station (BS) :~~

The present document specifies the Radio Frequency (RF) test methods and conformance requirements for UTRA Base Stations (BS) operating in the FDD mode. These have been derived from, and are consistent with the UTRA base station (BS) specifications defined in [1]

## ~~3.8~~3.9 25.142 Base station conformance testing (TDD)

### ~~3.8.1~~3.9.1 Scope

The present document specifies the Radio Frequency (RF) test methods and conformance requirements for UTRA Base Transceiver Stations (BTS) operating in the TDD mode. These have been derived from, and are consistent with, the UTRA base station (BS) specifications defined in 3G TS 25.105 [2].

In this TS, the reference point for RF connections (except for the measurement of mean transmitted RF carrier power) is the antenna connector, as defined by the manufacturer. This TS does not apply to repeaters or RF devices which may be connected to an antenna connector of a BTS.

## ~~3.9~~[3.10](#) 25.941 Document structure

### ~~3.9.1~~[3.10.1](#) Scope

This document introduces the specifications and technical reports written and maintained by 3GPP TSG RAN working group 4.

## ~~3.10~~[3.11](#) 25.942 RF system scenarios

### ~~3.10.1~~[3.11.1](#) Scope

During the UTRA standards development, the physical layer parameters will be decided using system scenarios, together with implementation issues, reflecting the environments that UTRA will be designed to operate in.

## [3.12](#) 25.943 [Deployment aspects](#)

### [3.21.1](#) [Scope](#)

[The present document establishes channel models to be used for deployment evaluation.](#)

## ~~3.11~~[3.13](#) 30.504 Work plan

### ~~3.11.1~~[3.13.1](#) Scope

The present document shall provide a work plan and study items as agreed within the 3GPP TSG RAN working group 4.

For the FDD mode, as proposed in the input paper of R4-99160 the items shown in that document absolutely need to be finalised by the Japanese regulatory organisation, Telecommunications Technical Council of Japan, by the end of June 1999 so that MPT will be able to legislate on schedule for the regulation for the 3G system of Japan.

For the TDD mode, some deviations in achieving the intermediate milestones are shown, compared to FDD. However, it is strictly intended to have the same final milestone kept for TDD as for FDD.