

Sophia Antipolis, France, 26. – 29. October 1999

Agenda Item:

Source: SIEMENS AG

Title: **Corrections to 25.105 version 3.0.0**

Document for: Approval

1 Introduction

This paper proposes some corrections to TS 25.105v3.0.0 “UTRA (BS) TDD, Radio Transmission and Reception”.

2 Discussion

In detail some mistakes in the current version are identified and corrected as follows:

- Editorial corrections in section 6.5.1 (6.5 Maximum Input Level)
- In section 6.6.3.1.1.1 below Table 6.3 a definition of the mean power P is given, that is not used in the section at all. It is therefore proposed to delete this definition.
- In section 6.6.3.2.2.1 in Table 6.6 the GSM BS receiver frequency band is given as 921 – 960 MHz, which is wrong. The frequency range should be corrected to 876 – 915 MHz.
- In section A.2.5.2 the measurement reference channel for the RACH channel using SF=8 is given. However in the figure below SF=16 is mentioned, which should be corrected to SF=8.

CHANGE REQUEST		Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.
25.105	CR	Current Version: 3.0.0
GSM (AA.BB) or 3G (AA.BBB) specification number ↑	↑ CR number as allocated by MCC support team	
For submission to: RAN#6 <small>list expected approval meeting # here ↑</small>	for approval <input checked="" type="checkbox"/> for information <input type="checkbox"/>	strategic <input type="checkbox"/> non-strategic <input type="checkbox"/> <small>(for SMG use only)</small>

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

Proposed change affects: (U)SIM ME UTRAN / Radio Core Network
(at least one should be marked with an X)

Source: TSG RAN WG4 **Date:** 29.10.99

Subject: Corrections to 25.105 v.3.0.0

Work item:

Category:	F Correction <input checked="" type="checkbox"/> A Corresponds to a correction in an earlier release <input type="checkbox"/> B Addition of feature <input type="checkbox"/> C Functional modification of feature <input type="checkbox"/> D Editorial modification <input type="checkbox"/>	Release:	Phase 2 <input type="checkbox"/> Release 96 <input type="checkbox"/> Release 97 <input type="checkbox"/> Release 98 <input type="checkbox"/> Release 99 <input checked="" type="checkbox"/> Release 00 <input type="checkbox"/>
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(only one category shall be marked with an X)

Reason for change: 25.105 version 3.0.0 includes some minor mistakes that need to be corrected.

Clauses affected: 6.6.3.1.1.1, 6.6.3.2.2.1, A.2.5.2

Other specs affected:	Other 3G core specifications <input type="checkbox"/> Other GSM core specifications <input type="checkbox"/> MS test specifications <input type="checkbox"/> BSS test specifications <input type="checkbox"/> O&M specifications <input type="checkbox"/>	→ List of CRs: → List of CRs: → List of CRs: → List of CRs: → List of CRs:	
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Other comments: Based on 3GPP WG4 Tdoc (99) 695

6.5.1 Minimum Requirement

The requirement of transmit OFF -power shall be better than -33dBm measured with a filter that has a Root Raised Cosine (RRC) filter ~~response~~ response with a roll off $\alpha=0.22$ and a bandwidth equal to the chip rate.

6.6.3.1.1.1 Minimum Requirement

The power of any spurious emission shall not exceed:

Table 6.3: BS Mandatory spurious emissions limits, Category A

Band	Minimum requirement	Measurement Bandwidth	Note
9kHz – 150kHz	-13 dBm	1 kHz	Bandwidth as in ITU SM.329-7, s4.1
150kHz – 30MHz		10 kHz	Bandwidth as in ITU SM.329-7, s4.1
30MHz – 1GHz		100 kHz	Bandwidth as in ITU SM.329-7, s4.1
1GHz – 12.75 GHz		1 MHz	Upper frequency as in ITU SM.329-7, s2.6

P = Mean power (W) where $P < 500W$

6.6.3.2.2.1 Minimum Requirement

The power of any spurious emission shall not exceed:

Table 6.6: BS Spurious emissions limits for protection of the BS receiver

Band	Maximum Level	Measurement Bandwidth	Note
921-960 876 - 915 MHz	-[98]dBm	100 kHz	

A.2.5.2 RACH mapped to 1 code SF8

