TSG-RAN Meeting #6 *TSGRP#6(99)777*
Nice, France, 13 – 15 December 1999

Title: **Agreed CRs of category "D" (Editorial) to TS 25.104**

Source: **TSG-RAN WG4**

Agenda item: **5.4.3**

TSG_DOC	SPEC	CR	REV	3G_PH	SUBJECT	CAT	VERS_CURR	VERS_NEW
R4-99776	25.104	002		R99	Base Station Modulation Code Domain Power	D	3.0.0	3.1.0
R4-99813	25.104	004		R99	Removal of Open Item List	D	3.0.0	3.1.0

3GPP TSG-R4 #8 ***Document***
Sophia Antipolis, France, 26-29 October 1999

3G CHANGE REQUEST

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

25.104 **CR** **002** Current Version: 3.0.0

3G specification number ↑ *↑ CR number as allocated by 3G support team*

For submision to TSG RAN4 *list TSG meeting no. here ↑*

for approval [X] for information [ ] *(only one box should be marked with an X)*

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: *(at least one should be marked with an X)* USIM [ ] ME [ ] UTRAN [X] Core Network [ ]

Source: Motorola **Date:** 29/10/1999

Subject: Base Station Modulation Code Domain Power

3G Work item: UTRAN

Category: *(only one category shall be marked with an X)*

F	Correction	X
A	Corresponds to a correction in a 2G specification	
B	Addition of feature	
C	Functional modification of feature	
D	Editorial modification	

Reason for change: Peak code domain error specification is not included.

Clauses affected: 25.104: Sections 6.8.3

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	[X]	→ List of CRs:
O&M specifications	[ ]	→ List of CRs:

Other comments:

help.doc

<--------- double-click here for help and instructions on how to create a CR.

6.8.3 Peak code Domain error

The code domain error is computed by projecting the error vector power onto the code domain at the maximum spreading factor. The error vector for each power code is defined as the ratio to the mean power of the reference waveform expressed in dB. The peak code domain error is defined as the maximum value for the code domain error. The measurement interval is one power control group (timeslot) in duration.

6.8.3.1 Minimum requirement

The peak code domain error shall not exceed –33 [ ]dB.

3GPP TSG-R4 meeting #9 ***Document***
Bath, UK, 7-10 December 1999

3G CHANGE REQUEST

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

25.104 **CR** **004** Current Version: 3.0.0

3G specification number ↑ *↑ CR number as allocated by 3G support team*

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

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 [X] Core Network [ ]
(at least one should be marked with an X)

Source: Ericsson **Date:** 99-11-30

Subject: Removal of Open Item List

3G Work item:

Category: *(only one category shall be marked with an X)*

F	Correction	[ ]
A	Corresponds to a correction in a 2G specification	[ ]
B	Addition of feature	[ ]
C	Functional modification of feature	[ ]
D	Editorial modification	[X]

Reason for change: The open item list is moved to TR 30.504 “Work plan” as decided at WG4 #8.

Clauses affected: Annex C

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:

Annex C (informative): Open items

Section number	Section description	Status
6.2.1	Base station max output power	Minimum requirement in extreme conditions is ffs.
6.3	Frequency accuracy	Should there also be an accuracy requirement on the clock rate? Alternatives are to either tie the clock rate to the frequency accuracy or to have a separate clock rate requirement.
6.4.2	Power control dynamic range	The need for this parameter to be specified should be confirmed. The power control dynamic range necessary as a minimum requirement needs to be reviewed.
6.4.3	Total power dynamic range	The total power dynamic range necessary as a minimum requirement needs to be reviewed.
6.4.5	Primary CPICH power	Value is TBD. Details of the path loss estimation method is under study in WG1.
6.6.1	Occupied bandwidth	Measurement bandwidth for the total integrated power is ffs. Is this section still required?
6.6.2.3	Protection outside a licensee's frequency block	This requirement needs to be reviewed in content and application, since it is a regional requirement (FCC part 24.) The current text is based closely on FCC part 24. It may be possible to clarify the requirement (to allow more consistent testing) by including parameters which are specific to UTRA, including: - defining requirement as an absolute value. - Defining the minimum carrier spacing from the edge of the licensee's frequency block. - Defining the -26dB bandwidth of the emission. Defining the resolution bandwidth in the first 1MHz (the requirement would appear to be about 45kHz or greater; is it possible to perform this measurement with this value of resolution bandwidth?)
6.6.3.3.2	Co-existence with GSM 900; co-located base stations	Scenario calculations should be performed to confirm the requirement, currently -[98]dB.
6.6.3.4.2	Co-existence with DCS 1800; co-located base stations	Scenario calculations should be performed to confirm the requirement, currently -[98]dB.
6.8.2	Modulation accuracy	Further consideration is needed, especially for the multicode case.
6.8.3	Peak code domain error	The requirement is ffs.
7.1	General	Definition of requirements for antenna diversity is ffs.
7.3	Dynamic range	The requirement (BER/FER, value and channel type) is ffs. The effect of applying mast head LNAs to the dynamic range specification is ffs.

~~8~~	~~Performance requirement~~	~~Values are TBD.~~ ~~Requirements for BS without dual receiver diversity is ffs.~~
~~6 or 8~~	~~Transmit diversity~~	~~Specification text for SSDT requirement is needed, unclear in what section or possibly in TS 25.103.~~