TSG RAN Meeting #23 **RP-040059**
Phoenix, Arizona, USA, 10 - 12 March 2004

Title **CRs (Rel-4 and Rel-5/Rel-6 Category A) to TS 25.423, and one CR (Rel-4) to TS 25.433 on Correction to the threshold of Rx Timing Deviation LCR in tabular**
Source **TSG RAN WG3**
Agenda Item **7.4.6**

RAN3 Tdoc	CR.	Rev.	Cat	Spec.	curr. Vers.	new Vers.	REL	Work Item	Title
R3-040394	930	-	F	25.423	4.11.0	4.12.0	REL-4	TEI4	Correction to the threshold of Rx Timing Deviation LCR in tabular
R3-040395	931	-	A	25.423	5.8.0	5.9.0	REL-5	TEI4	Correction to the threshold of Rx Timing Deviation LCR in tabular
R3-040396	932	-	A	25.423	6.0.0	6.1.0	REL-6	TEI4	Correction to the threshold of Rx Timing Deviation LCR in tabular
R3-040397	976	-	F	25.433	4.11.0	4.12.0	REL-4	TEI4	Correction to the threshold of Rx Timing Deviation LCR in tabular

3GPP TSG- RAN WG3 Meeting #41
Malaga, Spain, Feburary 16th—20th, 2004

Tdoc ⌘R3-040394

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CHANGE REQUEST

⌘ **25.423** **CR** **930** ⌘ **rev** **-** ⌘ Current version: **4.11.0** ⌘

*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 ☐

Title:	⌘	Correction to the threshold of Rx Timing Deviation LCR in tabular
Source:	⌘	RAN3
Work item code:	⌘	TEI4
Date:	⌘	16/02/2004
Category:	⌘	**F**
Release:	⌘	Rel-4

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:

2	*(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)*

Reason for change:	⌘	The threshold of Rx Timing Deviaiton LCR in tabular is not consistent with ASN.1.
Summary of change:	⌘	In section 9.2.1.39, the threshold of Rx Timing Deviation LCR is changed from (0..255) to (0..511) to be aligned with ASN.1. Impact Analysis: Impact assessment towards the previous version of the specification (same release): The impact can be considered isolated because the change affects only the threshold of Rx Timing Deviation for 1.28Mcps TDD in tabular.
Consequences if not approved:	⌘	If this document is not approved, there would cause some confusion of Rx Timing Deviation for 1.28Mcps TDD

Clauses affected:	⌘	9.2.1.39			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ CR931 TS 25.423 Rel-5 CR932 TS 25.423 Rel-6 CR976 TS 25.433 Rel-4
Affected:			**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.

9.2.1.39 Measurement Threshold

The Measurement Threshold defines which threshold that shall trigger Event A, B, E, F or On Modification.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
CHOICE *Measurement Threshold*					-	
>SIR					-	
>>SIR	M		INTEGER(0..63)	According to mapping in ref. [23] and [24].	-	
>SIR Error				FDD Only	-	
>>SIR Error	M		INTEGER(0..125)	According to mapping in [23]	-	
>Transmitted Carrier Power					-	
>>Transmitted Code Power	M		INTEGER(0..127)	According to mapping in ref. [23] and [24].	-	
>RSCP				TDD Only	-	
>>RSCP	M		INTEGER(0..127)	According to mapping in ref. [24]	-	
>Rx Timing Deviation				Applicable to 3.84Mcps TDD Only	-	
>>Rx Timing Deviation	M		INTEGER(0..8191)	According to mapping in [24]	-	
>Round Trip Time				FDD Only	-	
>>Round Trip Time	M		INTEGER(0..32767)	According to mapping in [23]	-	
> $T_{UTRAN-GPS}$ Measurement Threshold Information					-	
>>$T_{UTRAN-GPS}$ Measurement Threshold Information	M		9.2.1.59C		YES	reject
> SFN-SFN Measurement Threshold Information					-	
>>SFN-SFN Measurement Threshold Information	M		9.2.1.52B		YES	reject
>Load					-	
>>Load	M		INTEGER(0..100)	0 is the minimum indicated load, and 100 is the maximum indicated load.	YES	reject
>Transmitted Carrier Power					-	
>>Transmitted Carrier Power	M		INTEGER(0..100)	According to mapping in [23] and [24].	YES	reject
>Received Total Wide Band Power					-	
>>Received Total Wide Band Power	M		INTEGER(0..621)	According to mapping in [23] and [24].	YES	reject
>UL Timeslot ISCP				TDD Only	-	
>>UL Timeslot ISCP	M		INTEGER(0..127)	According to mapping in [24]	YES	reject
>Rx Timing Deviation LCR				Applicable to 1.28Mcps TDD Only		
>>Rx Timing Deviation LCR	M		INTEGER (0..~~255~~511)	According to mapping in [24]	YES	reject

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CHANGE REQUEST

⌘ **25.423** **CR** **931** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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 ☐

Title:	⌘	Correction to the threshold of Rx Timing Deviation LCR in tabular
Source:	⌘	RAN3
Work item code:	⌘	TEI4
Date:	⌘	16/02/2004
Category:	⌘	**A**
Release:	⌘	Rel-5

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:

2	*(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)*

Reason for change:	⌘	The threshold of Rx Timing Deviaiton LCR in tabular is not consistent with ASN.1.
Summary of change:	⌘	In section 9.2.1.39, the threshold of Rx Timing Deviation LCR is changed from (0..255) to (0..511) to be aligned with ASN.1. Impact Analysis: Impact assessment towards the previous version of the specification (same release): The impact can be considered isolated because the change affects only the threshold of Rx Timing Deviation for 1.28Mcps TDD in tabular.
Consequences if not approved:	⌘	If this document is not approved, there would cause some confusion of Rx Timing Deviation for 1.28Mcps TDD

Clauses affected:	⌘	9.2.1.39			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ CR930 TS 25.423 Rel-4 CR932 TS 25.423 Rel-6 CR976 TS 25.433 Rel-4
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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.

9.2.1.39 Measurement Threshold

The Measurement Threshold defines which threshold that shall trigger Event A, B, E, F or On Modification.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
CHOICE *Measurement Threshold*					-	
>SIR					-	
>>SIR	M		INTEGER(0..63)	According to mapping in ref. [23] and [24].	-	
>SIR Error				FDD Only	-	
>>SIR Error	M		INTEGER(0..125)	According to mapping in [23]	-	
>Transmitted Carrier Power					-	
>>Transmitted Code Power	M		INTEGER(0..127)	According to mapping in ref. [23] and [24].	-	
>RSCP				TDD Only	-	
>>RSCP	M		INTEGER(0..127)	According to mapping in ref. [24]	-	
>Rx Timing Deviation				Applicable to 3.84Mcps TDD Only	-	
>>Rx Timing Deviation	M		INTEGER(0..8191)	According to mapping in [24]	-	
>Round Trip Time				FDD Only	-	
>>Round Trip Time	M		INTEGER(0..32767)	According to mapping in [23]	-	
> $T_{UTRAN-GPS}$ Measurement Threshold Information					-	
>>$T_{UTRAN-GPS}$ Measurement Threshold Information	M		9.2.1.59C		YES	reject
> SFN-SFN Measurement Threshold Information					-	
>>SFN-SFN Measurement Threshold Information	M		9.2.1.52B		YES	reject
>Load					-	
>>Load	M		INTEGER(0..100)	0 is the minimum indicated load, and 100 is the maximum indicated load.	YES	reject
>Transmitted Carrier Power					-	
>>Transmitted Carrier Power	M		INTEGER(0..100)	According to mapping in [23] and [24].	YES	reject
>Received Total Wide Band Power					-	
>>Received Total Wide Band Power	M		INTEGER(0..621)	According to mapping in [23] and [24].	YES	reject
>UL Timeslot ISCP				TDD Only	-	
>>UL Timeslot ISCP	M		INTEGER(0..127)	According to mapping in [24]	YES	reject
>RT Load					-	
>>RT Load	M		INTEGER(0..100)		YES	reject
>NRT Load Information					-	
>>NRT Load Information	M		INTEGER(0..3)		YES	reject
>Rx Timing				Applicable to		

Deviation LCR				1.28Mcps TDD Only		
>>Rx Timing Deviation LCR	M		INTEGER(0..~~255~~511)	According to mapping in [24]	YES	reject
>*HS-SICH reception quality*				Applicable to TDD Only	–	
>>HS-SICH reception quality	M		INTEGER (0..20)	According to mapping in [24]	YES	reject

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CHANGE REQUEST

⌘ **25.423** **CR** **932** ⌘ **rev** **-** ⌘ Current version: **6.0.0** ⌘

*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 ☐

Title:	⌘	Correction to the threshold of Rx Timing Deviation LCR in tabular
Source:	⌘	RAN3
Work item code:	⌘	TEI4
Date:	⌘	16/02/2004
Category:	⌘	**A**
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:

2	*(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)*

Reason for change:	⌘	The threshold of Rx Timing Deviaiton LCR in tabular is not consistent with ASN.1.
Summary of change:	⌘	In section 9.2.1.39, the threshold of Rx Timing Deviation LCR is changed from (0..255) to (0..511) to be aligned with ASN.1. Impact Analysis: Impact assessment towards the previous version of the specification (same release): The impact can be considered isolated because the change affects only the threshold of Rx Timing Deviation for 1.28Mcps TDD in tabular.
Consequences if not approved:	⌘	If this document is not approved, there would cause some confusion of Rx Timing Deviation for 1.28Mcps TDD

Clauses affected:	⌘	9.2.1.39			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ CR930 TS 25.423 Rel-4 CR931 TS 25.423 Rel-5 CR976 TS 25.433 Rel-4
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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.

9.2.1.39 Measurement Threshold

The Measurement Threshold defines which threshold that shall trigger Event A, B, E, F or On Modification.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
CHOICE *Measurement Threshold*					-	
>SIR					-	
>>SIR	M		INTEGER(0..63)	According to mapping in ref. [23] and [24].	-	
>SIR Error				FDD Only	-	
>>SIR Error	M		INTEGER(0..125)	According to mapping in [23]	-	
>Transmitted Carrier Power					-	
>>Transmitted Code Power	M		INTEGER(0..127)	According to mapping in ref. [23] and [24].	-	
>RSCP				TDD Only	-	
>>RSCP	M		INTEGER(0..127)	According to mapping in ref. [24]	-	
>Rx Timing Deviation				Applicable to 3.84Mcps TDD Only	-	
>>Rx Timing Deviation	M		INTEGER(0..8191)	According to mapping in [24]	-	
>Round Trip Time				FDD Only	-	
>>Round Trip Time	M		INTEGER(0..32767)	According to mapping in [23]	-	
> $T_{UTRAN-GPS}$ Measurement Threshold Information					-	
>>$T_{UTRAN-GPS}$ Measurement Threshold Information	M		9.2.1.59C		YES	reject
> SFN-SFN Measurement Threshold Information					-	
>>SFN-SFN Measurement Threshold Information	M		9.2.1.52B		YES	reject
>Load					-	
>>Load	M		INTEGER(0..100)	0 is the minimum indicated load, and 100 is the maximum indicated load.	YES	reject
>Transmitted Carrier Power					-	
>>Transmitted Carrier Power	M		INTEGER(0..100)	According to mapping in [23] and [24].	YES	reject
>Received Total Wide Band Power					-	
>>Received Total Wide Band Power	M		INTEGER(0..621)	According to mapping in [23] and [24].	YES	reject
>UL Timeslot ISCP				TDD Only	-	
>>UL Timeslot ISCP	M		INTEGER(0..127)	According to mapping in [24]	YES	reject
>RT Load					-	
>>RT Load	M		INTEGER(0..100)		YES	reject
>NRT Load Information					-	
>>NRT Load Information	M		INTEGER(0..3)		YES	reject
>Rx Timing				Applicable to		

Deviation LCR				1.28Mcps TDD Only		
>>Rx Timing Deviation LCR	M		INTEGER(0..~~255~~ 511)	According to mapping in [24]	YES	reject
>HS-SICH reception quality				Applicable to TDD Only	–	
>>HS-SICH reception quality	M		INTEGER (0..20)	According to mapping in [24]	YES	reject

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CHANGE REQUEST

⌘ **25.433** **CR** **976** ⌘**rev** **-** ⌘ Current version: **4.11.0** ⌘

*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 ☐

Title:	⌘	Correction to the threshold of Rx Timing Deviation LCR in tabular
Source:	⌘	RAN3
Work item code:	⌘	TEI4
Date:	⌘	16/02/2004
Category:	⌘	**F**
Release:	⌘	Rel-4

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:

2	*(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)*

Reason for change:	⌘	The threshold of Rx Timing Deviaiton LCR in tabular is not consistent with ASN.1.
Summary of change:	⌘	In section 9.2.1.44, the threshold of Rx Timing Deviation LCR is changed from (0..255) to (0..511) to be aligned with ASN.1. Impact Analysis: Impact assessment towards the previous version of the specification (same release): The impact can be considered isolated because the change affects only the threshold of Rx Timing Deviation for 1.28Mcps TDD in tabular.
Consequences if not approved:	⌘	If this document is not approved, there would cause some confusion of Rx Timing Deviation for 1.28Mcps TDD

Clauses affected:	⌘	9.2.1.44			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ CR930 TS 25.423 Rel-4 CR931 TS 25.423 Rel-5 CR932 TS 25.423 Rel-6
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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.

9.2.1.44 Measurement Threshold

The Measurement Threshold defines which threshold that shall trigger Event A, B, E, F or On Modification.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
CHOICE *Measurement Threshold*					–	
>Received Total Wide Band Power					–	
>>Received Total Wide Band Power	M		INTEGER (0..621)	According to mapping in [22] and [23]	–	
>Transmitted Carrier Power					–	
>>Transmitted Carrier Power	M		INTEGER (0..100)	According to mapping in [22] and [23]	–	
>Acknowledged PRACH Preambles				FDD only	–	
>>Acknowledged PRACH Preambles	M		INTEGER (0..240,…)	According to mapping in [22]	–	
>UL Timeslot ISCP				TDD only	–	
>>UL Timeslot ISCP	M		INTEGER (0..127)	According to mapping in [23]	–	
>SIR					–	
>>SIR	M		INTEGER (0..63)	According to mapping in [22] and [23]	–	
>SIR Error				FDD only	–	
>>SIR Error	M		INTEGER (0..125)	According to mapping in [22]	–	
>Transmitted Code Power					–	
>>Transmitted Code Power	M		INTEGER (0..127)	According to mapping in [22] and [23]	–	
>RSCP				TDD only	–	
>>RSCP	M		INTEGER (0..127)	According to mapping in [23]	–	
>Rx Timing Deviation				Applicable to 3.84Mcps TDD only	–	
>>Rx Timing Deviation	M		INTEGER (0..8191)	According to mapping in [23]	–	
>Round Trip Time				FDD only	–	
>>Round Trip Time	M		INTEGER (0..32767)	According to mapping in [22]	–	
>Acknowledged PCPCH Access Preambles				FDD only	–	
>>Acknowledged PCPCH Access Preambles	M		INTEGER (0..15,…)	According to mapping in [22]	–	
>Detected PCPCH Access Preambles				FDD only	–	
>>Detected PCPCH Access Preambles	M		INTEGER (0..240,…)	According to mapping in [22]	–	
>Additional Measurement Thresholds					–	
>>UTRAN GPS Timing of Cell Frames for UE Positioning					–	
>>>$T_{UTRAN-GPS}$ Measurement Threshold Information	M		9.2.1.64B		YES	reject
>>SFN-SFN Observed Time Difference					–	
>>>SFN-SFN Measurement Threshold	M		9.2.1.53C		YES	reject

Information						
>Rx Timing Deviation LCR				Applicable to 1.28Mcps TDD Only	–	
>>Rx Timing Deviation LCR	M		INTEGER (0..~~255~~511)	According to mapping in [23]	YES	reject