
Agenda item:

Source: Nokia

Title: Proposed draft outline of the Tx diversity technical report

Document for: Discussion and approval

Summary:

A technical report collecting the results and TSG R1 conclusions on Tx diversity enhancements for Rel.-00 needs to be made. Attached is a proposal for the draft outline of the report.

3G TR ab.cde V0.0.0(2000-07)

Technical Report

**3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
RAN WG1 report on Tx diversity solutions for multiple
antennas
(Release 2000)**



The present document has been developed within the 3rd Generation Partnership Project (3GPP™) and may be further elaborated for the purposes of 3GPP.

The present document has not been subject to any approval process by the 3GPP Organisational Partners and shall not be implemented. This Specification is provided for future development work within 3GPP only. The Organisational Partners accept no liability for any use of this Specification. Specifications and reports for implementation of the 3GPP™ system should be obtained via the 3GPP Organisational Partners' Publications Offices.

Keywords

<keyword[, keyword]>

3GPP

Postal address

3GPP support office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Internet

<http://www.3gpp.org>

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© 2000, 3GPP Organizational Partners (ARIB, CWTS, ETSI, T1, TTA, TTC).
All rights reserved.

Contents

Foreword	5
1 Scope	6
2 References	6
3 Definitions, symbols and abbreviations.....	6
3.1 Definitions.....	6
3.2 Symbols.....	6
3.3 Abbreviations	6
4 Background and Introduction	6
5 Descriptions of studied concepts.....	7
6 Performance.....	7
6.1 Link level simulation assumptions.....	7
6.2 Link level simulation results.....	7
7 Impacts to UE and UTRAN implementation.....	7
7.1 Impacts to UE implementation	7
7.2 Impacts to UTRAN implementation	7
8 Impacts to physical layer operation.....	7
9 Backwards compatibility to Release-99	7
9 Conclusions	7
History.....	7

Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

[<seq>] <doctype> <#> [([up to and including]{yyyy[-mm]|V<a.b.c]>}[onwards]): "<Title>".

[1] 3G TS 25.123: "Example 1, using sequence field".

[2] 3G TR 29.456 (V3.1.0): "Example 2, using fixed text".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the [following] terms and definitions [given in ... and the following] apply.

Definition format

<defined term>: <definition>.

example: text used to clarify abstract rules by applying them literally.

3.2 Symbols

For the purposes of the present document, the following symbols apply:

Symbol format

<symbol> <Explanation>

3.3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

Abbreviation format

<ACRONYM> <Explanation>

4 Background and Introduction

5 Descriptions of studied concepts

6 Performance

6.1 Link level simulation assumptions

6.2 Link level simulation results

7 Impacts to UE and UTRAN implementation

7.1 Impacts to UE implementation

7.2 Impacts to UTRAN implementation

8 Impacts to physical layer operation

9 Backwards compatibility to Release-99

9 Conclusions

History

Document history		
Date	Version	Comment
	0.0.0	
Editor for 3G TR xx.xxx is:		
Tel. :		
Fax :		
Email :		
This document is written in Microsoft Word version.		