

**Universal Mobile Telecommunications System (UMTS);  
Typical examples of Radio Access Bearers (RABs)  
and Radio Bearers (RBs) supported by  
Universal Terrestrial Radio Access (UTRA)  
(3GPP TR 25.993 version 4.0.0 Release 4)**

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Reference

RTR/TSGR-0225993v400

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Keywords

UMTS

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## Foreword

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Version x.y.z

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- 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.

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# 1 Scope

The present document provides a list of examples of RABs and RAB combinations which are supported by UTRA with examples of radio interface mapping for these RABs onto Radio Bearers and Signalling Radio Bearers.

This list of examples describes typical parameters, and should only be understood as possible configurations i.e. any other configuration supported by the Core Specifications and consistent with a given UE capability shall also be supported by this UE.

The present document addresses the FDD mode as well as the TDD mode.

This report is a release independent report. This means that the latest release applicable to 3GPP is the reference that this TR is defined upon, and contains information on all previous releases. Actual release where a given example applies is indicated in the relevant section.

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# 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.
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- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TS 34.108: "Common Test Environments for User Equipment (UE) Conformance Testing"
- [2] 3GPP TS 23.107: "Quality of Service (QoS) concept and architecture".
- [3] 3GPP TS 25.212: "Multiplexing and channel coding (FDD)".
- [4] to [39] (void).
- [40] 3GPP TR 25.993 version 6 (Release 6): "Typical examples of RABs and RBs supported by UTRA".

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## 3 Abbreviations

For the purposes of the present document, the abbreviations contained in TR 21.905 apply, as well as the following:

DL	Downlink.
kbps	kilo-bits per second.
RAB	Radio Access Bearer.
RT	Real-time.
SRB	Signalling Radio Bearer.
UL	Uplink.

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## 4 Requirements

The requirements of the present document are provided in 3GPP TR 25.993 version 6 (Release 6) [40].

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## Annex A: Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
09/2002	RP-17	RP-020663	-		Creation.	-	-
12/2002	RP-18	RP-020890	-		Merge of RP-020877 with RP-020814. Clause numbering changed. Presented and approved at TSG RAN#18.	2.0.0	6.0.0
	RP-18	-	-		Back-creation of the Release '99 version from the Rel-6 version of the TR. No technical change.	6.0.0	3.0.0
	RP-18	-	-		Creation of the Release 4 version of the TR. No technical change.	3.0.0	4.0.0



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## History

<b>Document history</b>		
V4.0.0	December 2002	Publication