

ETSI TS 125 317 V10.1.0 (2011-07)

Technical Specification

**Universal Mobile Telecommunications System (UMTS);
High Speed Packet Access (HSPA);
Requirements on User Equipments (UEs)
upporting a release-independent frequency
band combination
(3GPP TS 25.317 version 10.1.0 Release 10)**



Reference

RTS/TSGR-0225317va10

Keywords

UMTS

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:

http://portal.etsi.org/chaicor/ETSI_support.asp

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.

© European Telecommunications Standards Institute 2011.
All rights reserved.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.
3GPP™ and **LTE™** are Trade Marks of ETSI registered for the benefit of its Members and
of the 3GPP Organizational Partners.
GSM® and the GSM logo are Trade Marks registered and owned by the GSM Association.

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://ipr.etsi.org>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under <http://webapp.etsi.org/key/queryform.asp>.

Contents

Intellectual Property Rights	2
Foreword.....	2
Foreword.....	4
1 Scope	5
2 References	5
3 Definitions and Abbreviations.....	5
3.1 Definitions	5
3.2 Abbreviations	5
4 Applicability of RRM requirements	6
5 Void.....	6
6 Void.....	6
Annex A (informative): Change history	7
History	8

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

The present document specifies requirements on UEs supporting a frequency band combination that is independent of release. TSG-RAN has agreed that the standardisation of new frequency band combinations of DB-DC-HSDPA may be independent of a release. However, in order to implement a UE that conforms to a particular release but supports a band combination of operation that is specified in a later release, it is necessary to specify some extra requirements.

For example, Band I-XI combination for DB-DC-HSDPA (referred to as DB-DC-HSDPA configuration 4 in [2]) is contained in the Release 10 specifications. In order to implement a UE conforming to Release 9 but supporting this configuration, it is necessary for the UE to additionally conform to some parts of the Release 10 specifications, such as the radio frequency and radio resource management requirements for the configuration.

All DB-DC-HSDPA configurations are fully specified in this release of the specifications. The present document does not contain any requirements for UEs supporting DB-DC-HSDPA configurations independent of release.

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. 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 TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 25.101 (Release 10): User Equipment (UE) radio transmission and reception (FDD)

[3] 3GPP TS 25.133 (Release 10): Requirements for support of radio resource management (FDD)

3 Definitions and Abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in [1] apply.

3.2 Abbreviations

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

DB-DC-HSDPA Dual Band Dual Cell HSDPA
RRM Radio Resource Management

4 Applicability of RRM requirements

A UE supporting DB-DC-HSDPA shall meet the measurement requirements specified in subclause 9.1.1 and 9.1.2 [3] corresponding to the release where the particular DB-DC-HSDPA band combination is supported.

5 Void

6 Void

Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2011-03	RP-51	RP-110196	-	-	TS 25.317 approved by RAN #51	1.0.0	9.0.0
2011-03	RP-51	-	-	-	Upgrade to REL-10 - no technical change	9.0.0	10.0.0
2011-06	RP-52	RP-110831	0001	-	Remove DB-DC-HSDPA configurations 4 and 5	10.0.0	10.1.0

History

Document history		
V10.0.0	April 2011	Publication
V10.1.0	July 2011	Publication