

# ETSI TS 125 466 V14.3.0 (2019-05)



**Universal Mobile Telecommunications System (UMTS);  
UTRAN Iuant interface: Application part  
(3GPP TS 25.466 version 14.3.0 Release 14)**



---

**Reference**RTS/TSGR-0325466ve30

---

**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**

---

The present document can be downloaded from:

<http://www.etsi.org/standards-search>

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the prevailing version of an ETSI deliverable is the one made publicly available in PDF format at [www.etsi.org/deliver](http://www.etsi.org/deliver).

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

<https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>

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

<https://portal.etsi.org/People/CommiteeSupportStaff.aspx>

---

**Copyright Notification**

---

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© ETSI 2019.

All rights reserved.

**DECT™**, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members.  
**3GPP™** and **LTE™** are trademarks of ETSI registered for the benefit of its Members and  
of the 3GPP Organizational Partners.

**oneM2M™** logo is a trademark of ETSI registered for the benefit of its Members and  
of the oneM2M Partners.

**GSM®** and the GSM logo are trademarks registered and owned by the GSM Association.

---

# Intellectual Property Rights

## Essential patents

IPRs essential or potentially essential to normative deliverables 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 (<https://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.

## Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

---

# 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>.

---

# Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

---

# Contents

Intellectual Property Rights .....	2
Foreword.....	2
Modal verbs terminology.....	2
Foreword.....	4
1 Scope .....	5
2 References .....	5
3 to 7 Void.....	5
8 Iuant interface: Application part.....	5
<b>Annex A to E: Void .....</b>	<b>6</b>
<b>Annex F (informative): Change History .....</b>	<b>7</b>
History .....	8

---

# Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> 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

See TS 37.466 [5].

---

## 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]-[4]          Void.

[5]              3GPP TS 37.466: "Iuant interface: Application part".

---

## 3 to 7 Void

---

## 8 Iuant interface: Application part

See TS 37.466 [5].

Annex A to E:  
Void

## Annex F (informative): Change History

TSG #	TSG Doc.	CR	Rev	Subject/Comment	New
09/2007	-	-	-	Creation of Rel-8 version based on v7.2.0	8.0.0
37	RP-070576	0013		Introduction of UMTS1500 requirement	8.0.0
38	RP-070838	0015		Missing Parameter for "TMA Get Supported Non-Linear Gain Values"	8.1.0
39	RP-080082	0016		Introduction of UMTS 700 MHz (Bands XII XIV) in 25.466	8.2.0
43	RP-090085	0017	1	RET and TMA support in LTE	8.3.0
09/2009	-	-	-	Creation of Rel-9 version based on v8.3.0	
45	RP-090782	0022		Introduction of new antenna operating bands in luantAP	9.0.0
46	RP-091185	0023	1	Introduction of Extended UMTS/LTE1500 requirements for TS25.466	9.1.0
47	RP-100223	0024	1	Introduction of UMTS/LTE in 800 MHz for Europe requirements in TS 25.466	9.2.0
09/2010	-	-	-	Creation of Rel-10 version based on v9.2.0	10.0.0
49	RP-100912	0025		Spectrum band definition additions for TDD 2600 MHz	10.0.0
50	RP-101184	0026	1	Introduction of L-band in TS 25.466	10.1.0
50	RP-101278	0028	1	CR UMTS/LTE-3500 spectrum band definition additions for TDD luant interface to TS 25.466	10.1.0
SP-49	SP-100629			Clarification on the use of References (TS 21.801 CR#0030)	10.1.1
52	RP-110699	0036		Add 2 GHz band LTE for ATC of MSS in North America to TS25.466 (Rel-10)	10.2.0
52	RP-110696	0037		Add Expanded 1900 MHz Band for UTRA and LTE to TS25.466 (Rel-10)	10.2.0
52	RP-110685	0039		Removal of unused references	10.2.0
54	RP-111733	0042		Removal of references to operating bands i) and h)	10.3.0
03/2012				Creation of Rel-11 version based on v10.3.0	
55	RP-120266	0044	2	Addition of new Band 26 for E850	11.0.0
56	RP-120749	0045	1	Introduction of E850_LB Band 27 to TS 25.466	11.1.0
56	RP-120750	0046	-	Introduction of LTE band for 700 MHz digital dividend	11.1.0
56	RP-120750	0047	-	Introduction of TDD band for 700 MHz digital dividend	11.1.0
57	RP-121140	0048	1	Operating bands Numbering for UTRA and EUTRA	11.2.0
58	RP-121736	0049	-	Introduction of band 22 in TS 25.466	11.3.0
58	RP-121735	0050	1	Introduction of Band 29 into TS 25.466	11.3.0
62	RP-131903	0051	1	Introduction of LTE 450 MHz	12.0.0
62	RP-131904	0052	1	Introduction of Band 30	12.0.0
64	RP-140900	0054	2	Introduction of L-band for Supplemental Downlink in E-UTRA and UTRA	12.1.0
67	RP-150356	0055	1	Correction of the reference	12.2.0
70	RP-152107	0056	2	Introduction of band 45 in 25.466	13.0.0
70	RP-152108	0057	-	Extension of operating bands field	13.0.0
70	RP-152105	0058	-	Introduction of band 65	13.0.0
70	RP-152106	0059	-	Introduction of band 66	13.0.0
70	RP-152104	0060	-	Introduction of band 67	13.0.0
71	RP-160446	0061	-	Introduction of Band 68 into 25.466	13.1.0
71	RP-160450	0062	1	Introduction of Band 46 in TS 25.466	13.1.0
06/2016				Creation of Rel-14 version based on v13.1.0	14.0.0
72	RP-161040	0063	1	Introduction of band 70	14.0.0
72	RP-161041	0064	1	Introduction of 2.6GHz SDL band	14.0.0
74	RP-162335	0066	-	Introduction of band 48	14.1.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
09/2017	RP-77	RP-171982	0072	-	A	Correction to make band extensions applicable also for TMAAP	14.2.0
2019-04	RAN#83	RP-190557	0088	-	F	Transfer of luant interface specification from 25-series to 37-series	14.3.0



---

# History

<b>Document history</b>		
V14.1.0	May 2017	Publication
V14.2.0	October 2017	Publication
V14.3.0	May 2019	Publication